UNITE, GROW

CITY OF DENTON PARKS, RECREATION, AND TRAILS SYSTEM MASTER PLAN: **DESIGN STANDARDS**

JANUARY 2022

Harry



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1.1 CITY PARKS

A City Park is a larger park that draws residents from across the City and is often used to host citywide events. City Parks generally contain active and passive amenities, recreation center(s), athletic complexes, pool, trails, landscaping, playground, open space, benches, pavilion, and/or sculpture.

1.2 COMMUNITY PARKS

A Community Park is a larger park that serves multiple surrounding neighborhoods. Community Parks are generally between 20-50 acres, however, typically falls between 30-50 acres, and contains active and/or passive amenities, such as, but not limited to, sports fields, courts, aquatics, trails, landscaping, playground, open space, benches, pavilion, and/or sculptures.

1.3 NEIGHBORHOOD PARKS

A Neighborhood Park is a small to medium sized park within walking distance of the immediate service population. Neighborhood parks are generally between 3-20 acres, however, typically falls between 3-5 acres, and contains passive amenities such as, but not limited to, landscaping, playground, open space, benches, pavilion, and/or a sculpture. Neighborhood parks generally do not contain restrooms.

1.4 POCKET PARKS

A Pocket Park is a small park accessible to the public that often fills in gaps in park coverage. Pocket parks are frequently created on small, irregular pieces of land, in vacant building lots, along the centers of broad avenues, or even in parking spots. Amenities are typically passive such as seating. Pocket parks generally do not contain restrooms.

1.5 PRESERVE

A Preserve is an area of land that is protected and managed to preserve a particular type of habitat and its flora and fauna which are often rare or endangered. Structures for environmental learning may be included in a context-sensitive manner.

1.6 LINEAR PARKS

A Linear Park, often called Greenways, are stretches of open space that can vary in size and length but are typically longer than they are wide. This tract of parkland may contain passive and/or active amenities such as, but not limited to, green space with trails of various tread types, trail heads, and connects assets such as parks, schools, neighborhoods, and business districts. Linear parks generally do not contain restrooms.

1.7 SPECIAL USE PARKS

A Special Use Park generally has a dedicated and unique use such as historical site, skate park, or bike park.

1.8 CEMETERY

A Cemetery consists of burial plots, roads, storage, signage, trails, and the possibility of educational opportunities to celebrate the history of the cemetery.

1.1 CITY PARKS

OVERVIEW

Acronym/Abbreviation: CP

The design, development, preservation and enhancement of all City Parks in the DPARD system shall comply with the following required and/or recommended specifications.



DEFINITION

A City Park is a larger park that draws residents from across the City and is often used to host citywide events. City Parks generally contain active and passive amenities, recreation center(s), athletic complexes, pool, trails, landscaping, playground, open space, benches, pavilion, and/or sculpture.

SIZE

30 to 500 acres (typically greater than 50 acres and could be larger than 550 acres)

SERVICE AREA

0-10 miles

Pedestrian/Cyclist:

1/2 mile is preferred for pedestrians & cyclist as it corresponds to a 10 minute walk/5 minute bike ride. This is a primary initiative for DPARD.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.



	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPECIFICATIONS			
	this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of City Parks must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classifications of park to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities & Spaces	Restroom Maintenance Storage Bldg		1+ 1+	Community Center Concessions Gymnastic Center Indoor Ice Rink Recreational Center Senior Center		1 1+ 1 1 1 1	
·	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities & Amenities	Basketball Courts Multi-Purpose Court Tennis Courts Multi-Purpose Field Parking Lot Pavilions Playground Play-scape Picnic Area		1+ 1+ 2+ 1+ (100+ Stalls) 1 1/1 1 1+	Amphitheater Swimming Pool Spray-ground Community Garden Disc Golf Course Challenge Sports Driving Range Volleyball Courts In-line Hockey Rink Baseball Field (Adult) Baseball Field (Adult) Baseball Field (Youth) Football Field Rugby Field Soccer Field (Adult) Soccer Field (Adult) Softball Field (Youth) Softball Field (Youth) Putting Greens Shade Structures Bike Park Dog Park Skate Park Botanical Garden Lakes/Ponds/Streams		$1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\$	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Circulation	Multi-Use Trail		1+ (loop Trail)				

	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPECIFICATIONS		
	Amenity	Reference	Min	Amenity	Reference	Rec.
Communication/ Wayfinding	Entrance Sign (Primary) Entrance Sign (Secondary) Directional Signs/Maps Informational Signs Hours of Operation Sign Ordinance Signs ADA Parking Spaces	Reference	1 1+ 1+ 1+ TBD	AmenityInformational SignsDigital DisplaysMarquee SignsOutdoor Bulletin SignsMobile ApplicationsInterpretive SignsMemorial SignsDonor/Naming SignsRecognition SignsReservationsADA Parking SpacesBeware of SnakesChildren PlayingCrime WatchDo not HarvestHide/Lock/TakeKeep OutLighting WarningNo AlcoholNo Golf CartsNo Horseback RidingNo ParkingNo SmokingNo Soft Toss on FenceNo SwimmingNo Warm Up AreaNotice of SurveillanceVehicles Prohibited	Keterence	1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1RN PRN PRN
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Culture & Identity	Public Art Flag Pole Historical Marker	7.7.1 7.8.1 7.8.2	1+ 1 1+	Memorials	7.8.3	1
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishings	Benches Bike Racks Bike Stations Drinking Fountains Grills Picnic Tables		10+ 2 1 1 2 2	-		

* PRN stands for from the Latin "pro re nata" or as needed

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Pollution	Receptacles Revetments Dog Waste Station		1 per acre (2 min) 1+ 1+				
control	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Recreational Support	Electrical Outlets Scoreboards Basketball Goals		1+ 1+ 1+	Outdoor Exercise Equipment Football Goals Hockey Goals Rugby Goals Soccer Goals Backstops		1+ 1+ 2+ 2+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Safety & Security	Security Lights Crosswalk Ball field Lights		1+ TBD 1+	Bollards High Mast Lights Mid Mast Lights Low Mast Lights Trail Lights Tree Grates Fencing Privacy Wall Retaining Wall Security Cameras Accent Lighting		1+ 1+ 1+ 1+ 1+ PRN PRN PRN PRN 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Technology & Utilities	WIFI Electrical Service Water Service		1 1000 Amp 1000 gpm				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Landscape	Irrigation Mowstrips		1 TBD				
Aesthetics	See Chapter xx	for design st	andards	regarding aesthetic standards fo	r city parks.		
Environmental Conditions	See Chapter xx for	r design stand	lards reg	arding environmental conditions	s for city park	S.	

25-375 acres however, typically greater than 50 acres (larger city parks are most desirable for efficient maintenance and operation)

Note: The scale of the parcel will determine classification and therefore dictate the facilities and amenities required/recommended as listed in this appendix.

Location

Should be located near or along a major road for ease of access.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Vehicular Secondary Method: Pedestrian, Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

Spatial Organization

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to:

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 - b) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility



1.2 COMMUNITY PARKS

OVERVIEW

Acronym/Abbreviation: CmP

The design, development, preservation and enhancement of all Community Parks in the DPARD system shall comply with the following required and/or recommended specifications.



DEFINITION

A Community Park is a larger park that serves multiple surrounding neighborhoods. Community Parks are generally between 20-50 acres, however, typically falls between 30-50 acres, and contains active and/or passive amenities, such as, but not limited to, sports fields, courts, aquatics, trails, landscaping, playground, open space, benches, pavilion, and/or sculptures.

SIZE

20 to 50 acres (typically falls between 30-50 acres)

SERVICE AREA

0-5 miles

Pedestrian/Cyclist:

1/2 mile is preferred for pedestrians & cyclist as it corresponds to a 10 minute walk/5 minute bike ride. This is a primary initiative for DPARD.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.



	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPECIFICATIONS			
	The following are specifications are required for this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of Community Parks must receive prior written authorization from the DPARD.			required) for this classifications of park to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in			
	Amenity	Reference	Min.	Amenity Refere	ence	Rec.	
Indoor Facilities & Spaces	Restroom Maintenance Storage Bldg		1+ 1+	Community Center Concessions Gymnastic Center Indoor Ice Rink Recreational Center Senior Center		1 1+ 1 1 1 1	
	Amenity	Reference	Min.	Amenity Refere	ence	Rec.	
Outdoor Facilities & Amenities	Basketball Courts Multi-Purpose Court Multi-Purpose Field Parking Lot Pavilions Playground Play-scape Picnic Area		1+ 1+ (40+ Stalls) 1 1/1 1 1+	Amphitheater Swimming Pool Spray-ground Community Garden Disc Golf Course Challenge Sports Driving Range Tennis Courts Volleyball Courts In-line Hockey Rink Baseball Field (Adult) Baseball Field (Adult) Baseball Field (Youth) Football Field Rugby Field Soccer Field (Adult) Soccer Field (Adult) Softball Field (Adult) Softball Field (Youth) Pavilions Putting Greens Shade Structures Bike Park Dog Park Skate Park Botanical Garden Lakes/Ponds/Streams		$1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\$	
	Amenity	Reference	Min.	Amenity Refere	ence	Rec.	
Circulation	Multi-Use Trail		1+				

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
General Communication/ Wayfinding	Entrance Sign (Primary) Entrance Sign (Secondary) Directional Signs/Maps Informational Signs Hours of Operation Sign Ordinance Signs ADA Parking Spaces		1 1+ 1+ TBD	Informational Signs Digital Displays Marquee Signs Outdoor Bulletin Signs Mobile Applications Interpretive Signs Memorial Signs Donor/Naming Signs Recognition Signs Reservations ADA Parking Space Beware of Snakes Children Playing Crime Watch Do not Harvest Hide/Lock/Take Keep Out Lighting Warning No Alcohol No Dogs on Field No Golf Carts No Horseback Riding No Practice on Lined Fields No Skating No Smoking No Soft Toss on Fence No Swimming No Warm Up Area Notice of Surveillance Vehicles Prohibited		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ PRN PRN PRN PRN PRN PRN PRN PRN PRN PRN	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Culture &	Public Art Flag Pole Historical Marker		1+ 1 1+	Memorials		1	
Identity							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishings	Benches Bike Racks Bike Stations Drinking Fountains Grills Picnic Tables		10+ 2 1 2 1 per 1/2 Acre (2 min)				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Receptacles Revetments		1 per acre (2 min) 1+				
Pollution Control	Dog Waste Station		1+				

REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
Amenity	Reference	Min.	Amenity	Reference	Rec.
Electrical Outlets Scoreboards		1+	Outdoor Exercise Equipment		1+
Basketball Goals		1+ 1+	Football Goals Hockey Goals		2+ 1+
		1.	Rugby Goals		2+
			Soccer Goals		2+
Amenity	Reference	Min.	Backstops Amenity	Reference	1+ Rec.
-	Reference		-	Reference	
Security Lights Ball field Lights		1+ TBD	Bollards High Mast Lights		1+ 1+
Crosswalk		160 1+	Mid Mast Lights		1+
			Low Mast Lights		1+
			Trail Lights		1+
			Tree Grates		1+ PRN
			Fencing Privacy Wall		PRN
			Retaining Wall		PRN
			Security Cameras		PRN
A	Defense	N.4.	Accent Lighting	Deferrer	1+
Amenity	Reference	Min.	Amenity	Reference	Rec.
WIFI Electrical Service		1 800			
		Amp			
Water Service		200			
		gpm			
Amenity	Reference	Min.	Amenity	Reference	Rec.
Irrigation		1			
Mowstrips		TBD			
1					
See Chapter xx fo	r design standar	rds rega	rding aesthetic standards for con	nmunity parks	5.
See Chapter xx fo	r design standar	rds rega	rding aesthetic standards for con	nmunity parks	5.
See Chapter xx fo	r design standar	rds rega	rding aesthetic standards for con	nmunity parks	5.

Environmental Conditions See Chapter xx for design standards regarding environmental conditions for community parks.

20-100 acres however, typically fall between 30-50 I acres

(Larger community parks are most desirable for efficient maintenance and operation)

Note: The scale of the parcel will determine classification and therefore dictate the facilities and amenities required/recommended as listed in this appendix.

Location

Should be located near or along a road that can support additional traffic for easy access.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Vehicular Secondary Method: Pedestrian, Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

Spatial Organization

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 - b) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities
 - maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility



1.3 NEIGHBORHOOD PARKS

OVERVIEW

Acronym/Abbreviation: NP

The design, development, preservation and enhancement of all Neighborhood Parks in the DPARD system shall comply with the following required and/or recommended specifications.



DEFINITION

A Neighborhood Park is a small to medium sized park within walking distance of the immediate service population. Neighborhood parks are generally between 3-20 acres, however, typically falls between 3-5 acres, and contains passive amenities such as, but not limited to, landscaping, playground, open space, benches, pavilion, and/or a sculpture. Neighborhood parks generally do not contain restrooms.

SIZE

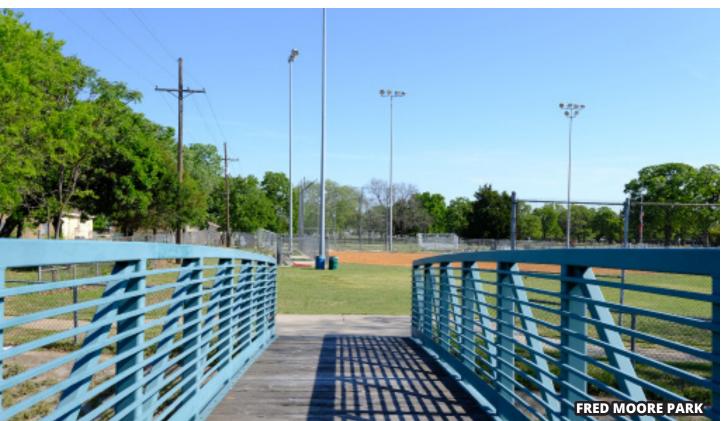
3 to 20 acres (typically falls between 3-5 acres)

SERVICE AREA

0-1 mile

Pedestrian/Cyclist:

1/2 mile is preferred for pedestrians & cyclist as it corresponds to a 10 minute walk/5 minute bike ride. This is a primary initiative for DPARD.



	REQUIRED SPECI	FICATIO	NS	RECOMMENDED SPE	CIFICATIO	ONS
	The following are specificati this classifications of park in the level of service (LOS) D residents of the City of D modifications to the requir the development of neighb receive prior written auth DPARD.	n order to m PARD provic enton. Any a ed specificat orhood Park	aintain les the and all ions in s must	The following are specifications classifications of park in order to service (LOS) DPARD provides the of Denton. Any and all modificat specifications in the developme Parks must receive prior written the DPARD.	maintain the residents of tions to the r ent of neight	e level of the City equired porhood
	Amenity	Reference	Min.		Reference	Rec.
Indoor Facilities & Spaces				The following are specifications are required for this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of neighborhood Parks must receive prior written authorization from the DPARD.		1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities & Amenities	Pavilion Playground Play-scape Picnic Area		1 1/1 1+	Amphitheater Spray-ground Community Garden Challenge Sports Basketball Courts Multi-Purpose Court Tennis Courts Volleyball Courts Multi-purpose Field Parking Lot Shade Structures (Soft) Dog Park		1+ 1+ 1+ 1+ 1+ 2+ 1+ 1+ (10 Stalls) 1+ 1
	Amenity	Reference	Min.	Amenities	Reference	Rec.
Circulation	Multi-use Trail	4.1	1+			

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min	Amenity	Reference	Rec.	
Communication/ Wayfinding							
				Notice of Surveillance Vehicles Prohibited		PRN PRN	
	Amenity	Reference		Amenity	Reference	Rec.	
Culture & Identity	Historical Marker		1+	Public Art		1+	
	Amenity	Reference		Amenity	Reference	Rec.	
Site Furnishings	Benches Bike Racks Drinking Fountains Grills Picnic Tables		2 1 1 1 1 per 1/2	Benches Bike Stations		3+ 1	
	Amenity	Reference		Amenity	Reference	Rec.	
	Receptacles Revetments	1 per acre (2 min) 1+ 1+					
Pollution Control	Dog Waste Station						

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS				
	Amenity	Reference	Min.	Amenity	Reference	Rec.		
	Electrical Outlets		1+	Outdoor Exercise Equipment Basketball Goals Backstops		1+ 1+ 1+		
Recreational Support								
	Amenity	Reference	Min.	Amenity	Reference	Rec.		
Safety & Security	Security Lights Crosswalk		1+ TBD	Bollards Mid Mast Lights Low Mast Lights Trail Lights Tree Grates Fencing Privacy Wall Retaining Wall Security Cameras Accent Lighting		1+ 1+ 1+ 1+ PRN PRN PRN PRN 1+		
	Amenity	Reference	Min.	Amenity	Reference	Rec.		
Technology & Utilities	WIFI Electrical Service Water Service		1 200 Amp 50 gpm					
otilities	Amenity	Reference	Min.	Amenity	Reference	Rec.		
Landscape	Irrigation Mowstrips	1 TBD						
Aesthetics	See Chapter xx for c	See Chapter xx for design standards regarding aesthetic standards for neighborhood parks.						
Environmental	See Chapter xx for o	design standa	rds rega	rding environmental conditions f parks.	or neighborh	ood		

Conditions

2-20 acres however, typically fall between 3-5 acres (Larger neighborhood parks are most desirable for efficient maintenance and operation)

Note: The scale of the parcel will determine classification and therefore dictate the facilities and amenities required/recommended as listed in this appendix.

Location

Within residential developments.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Vehicular Secondary Method: Pedestrian, Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

Spatial Organization

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 - b) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility



1.4 POCKET PARKS

OVERVIEW

Acronym/Abbreviation: PP

The design, development, preservation and enhancement of all Pocket Parks in the DPARD system shall comply with the following required and/or recommended specifications.



DEFINITION

A pocket park is a small park accessible to the public that often fills in gaps in park coverage. Pocket parks are frequently created on small,irregular pieces of land, in vacant buildings lots, along centers of broad avenues, or even in parking spots. Amenities are typically passive such as seating. Pocket Parks generally do not contain restrooms.

SIZE

0-3 acres

SERVICE AREA

0-0.05 Miles

Pedestrian/Cyclist:

0.5 mile is preferred for pedestrians and cyclists as it corresponds to a 10 minute/5 minute bike ride.





	REQUIRED S	PECIFICATIO	NS	RECOMMENDED	SPECIFICAT	IONS
	The following ar required for this cl order to maintain th DPARD provides the of Denton. Any and required specification of Pocket Parks mu authorization from the	assifications of p ne level of service e residents of th all modifications ons in the develo st receive prior v	ark in e (LOS) e City to the pment	The following specification required) for this classific the equitable distribution maintaining/enhancing DPARD provides the resid Any and all amenities n the required/recomment must received prior write DPARD.	ications of park to on which in turn a the level of servio dents of the City of ot specifically iden nded specifications	assist in assist in ce (LOS) Denton. tified in s herein
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities & Amenities						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				Amphitheater		1+
				Community Garden Pavilion		1+ 1
Outdoor				Picnic Area		1+
Facilities &				Playscape		1
Amenities				Shade Structures		1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
东						
Circulation						

	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	-			Amenity Entrance Sign (Secondary) Directional Signs/Maps Informational Signs Outdoor Bulletin Signs Mobile Applications Interpretive Signs Memorial Signs Donor/Naming Signs Recognition Signs Reservations ADA Parking Space Beware of Snakes Children Playing Crime Watch Do not Harvest Hide/Lock/Take Keep Out Lighting Warning No Alcohol No Dogs on Field No Golf Carts No Horseback Riding No Parking	Reference	Rec. 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
				No Practice on Lined Fields		PRN	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding Contd.				Informational Signs No Skating No Smoking No Soft Toss on Fence No Swimming No Warm Up Area Notice of Surveillance Vehicles Prohibited		PRN PRN PRN PRN PRN PRN PRN PRN	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Culture & Identity	Historical Marker		1+	Public Art Flag Pole Memorials		1+ 1 1	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishings	Benches Bike Racks Drinking Fountains Picnic Tables		2 1 1 2	Benches Bike Stations		3+ 1	

	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Receptacles Revetments Dog Waste Station		2 1+ 1+				
Pollution Control							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Electrical Outlets		1+				
Recreational Support							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Safety & Security	Security Lights Crosswalk		1+ TBD	Bollards Low Mast Lights Trail Lights Tree Grates Fencing Privacy Wall Retaining Wall Security Cameras Accent Lighting		1+ 1+ 1+ PRN PRN PRN PRN 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Technology & Utilities	WIFI Electrical Service Water Service		1 200 Amp 20 gpm				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Landscape	Irrigation Mowstrips		1 TBD				
Aesthetics	See Chapter xx for	design stand	ards re;	garding aesthetic standards fo	or pocket park	S.	
Environmental Conditions	See Chapter xx for	design stand	ards re	garding aesthetic standards fo	or pocket park	S.	

< 3 acres, typically 1/4 acre

(Larger pocket parks are most desirable for efficient maintenance and operation)

Note: The scale of the parcel will determine classification and therefore dictate the facilities and amenities required/recommended as listed in this appendix.

Location

Downtown and/or within residential or commercial development

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

Spatial Organization

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 - b) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility



1.5 PRESERVE

OVERVIEW

Acronym/Abbreviation: P

The design, development, preservation and enhancement of all Preserves in the DPARD system shall comply with the following required and/or recommended specifications.



DEFINITION

A Preserve is an area of land that is protected and managed to preserve a particular type of habitat and its flora and fauna which are often rare or endangered. Structures for environmental learning may be included in a contextsensitive manner.

SIZE

Varies in size

SERVICE AREA

City-wide

Pedestrian/Cyclist:

0.5 mile is preferred for pedestrians and cyclists as it corresponds to a 10 minute walk/ 5 minute bike ride.



REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATIONS

The following are specifications are T required for this classifications of park in required for this classifications of park in the level of service (LOS) The DPARD provides the residents of the City of Denton. Any and all modifications to the D required specifications in the development of preserves must receive prior written authorization from the DPARD.

The following specifications are recommended (not required) for this classifications of park to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.





Outdoor Facilities & Amenities



	Reference	Min.	Amenity	Reference	Rec.
Restrooms		1	Nature Center Meeting Room Multi-Purpose Room Restrooms Maintenance Storage Building		
Amenity	Reference	Min.	Amenity	Reference	Rec.
Parking Lot		1	Amphitheater		1+
Playscape		1	Pavilion		1+
Picnic Area		1+	Shade Structure		1+
Amenity	Reference	Min.	Amenities	Reference	Rec.
Multi-use Trail		1+			

	REQUIRED SPEC		NS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
•	Primary Entrance Sign Directional Signs/Maps Informational Signs Hours of Operation		1 1+ 1+	Entrance Sign (Secondary) Directional Signs/Maps Informational Signs Outdoor Bulletin Signs		1+ 1+ 1+	
Communication/	Ordinance Signs		1+	Mobile Applications		1+	
Wayfinding	ADA Parking Spaces		TBD	Interpretive Signs		1+	
				Memorial Signs		1+	
				Donor/Naming Signs		1+	
				Recognition Signs		1+	
				Reservations ADA Parking Space		1+ 1+	
				Beware of Snakes		1+	
				Children Playing		PRN	
				Crime Watch		PRN	
				Do not Harvest		PRN	
				Hide/Lock/Take		PRN	
				Keep Out		PRN	
				Lighting Warning		PRN	
				No Alcohol		PRN	
				No Dogs on Field		PRN	
				No Golf Carts No Horseback Riding		PRN PRN	
				No Parking		PRN	
				No Practice on Lined Fields		PRN	
		Deference	Min		Deference		
	Amenity	Reference	Min.	Amenity	Reference	Rec. PRN	
				Informational Signs No Skating		PRN	
				No Smoking		PRN	
				No Soft Toss on Fence		PRN	
Communication/				No Swimming		PRN	
Wayfinding				No Warm Up Area		PRN	
				Notice of Surveillance		PRN	
	A 1.			Vehicles Prohibited		PRN	
	Amenity	Reference	Min.	Amenity Public Art	Reference	Rec. 1+	
				Flag Pole		1	
				Memorials		1	
Culture & Identity							
calcule a lacinity	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Benches		2	Benches		3+	
	Drinking Fountains		1	Bike Racks		1	
ा ग	Picnic Tables		2	Bike Stations		1	
City				Grills		1	
Site Furnishings							
C	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Receptacles		2				
	Revetments		1+				
ш	Dog Waste Station		1+				
Pollution Control							

	REQUIRED SPEC	CIFICATIC	NS	RECOMMENDED SPECIFICATIONS		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Electrical Outlets		1+			
Recreational Support						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Safety & Security	Crosswalks Security Lights		TBD 1+	Bollards Fencing Tree grates Mid mast lighting Low mast lighting Trail lights Accent lighting Privacy wall Retaining wall Security cameras		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Technology & Utilities	Electrical Service Water Service			WIFI		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
×	Irrigation Mowstrips	1 TBD				
Landscape						
Aesthetics						
Environmental Conditions						

Should be of sufficient size to protect the natural resource and provide a buffer from off-site conditions

Typical size should be over 50 acres for management efficiency and to promote ecosystem services (can be smaller)

(Larger nature parks are most desirable for efficient maintenance and operation)

Location

Downtown and/or within residential or commercial development

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

Spatial Organization

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously

- b) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design) 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility



1.6 LINEAR PARK

OVERVIEW

Acronym/Abbreviation: LP

The design, development, preservation and enhancement of all Preserves in the DPARD system shall comply with the following required and/or recommended specifications.



DEFINITION

A Linear Park, often called Greenways, are stretches of open space that can vary in size and length, but are typically longer than they are wide. This tract of parkland may contain passive and/or active amenities such as, but not limited to, green space with trails of various tread types, trailheads, and connects assets such as parks, schools, neighborhoods, and business districts. Linear parks generally do not contain restrooms.

SIZE

Varies in size

SERVICE AREA

City-wide

Pedestrian/Cyclist:

0.5 mile is preferred for pedestrians and cyclists as it corresponds to a 10 minute walk/ 5 minute bike ride.



	REQUIRED S	PECIFICATIO	NS	RECOMMENDE	SPECIFICAT	IONS
	The following a required for this of order to maintain to DPARD provides the of Denton. Any and required specification of linear parks mu authorization from	lassifications of p the level of service ne residents of th all modifications ons in the develo list receive prior w	bark in e (LOS) ne City to the pment	The following specifica (not required) for this assist in the equitable assist in maintaining/en (LOS) DPARD provides of Denton. Any and all identified in the specifications herein m authorization from the	classifications of distribution which hancing the level of the residents of amenities not spe required/recommust received prior	park to in turn fservice the City ecifically mended
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities & Amenities						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
A						
Outdoor Facilities & Amenities						
	Amenity	Reference	Min.	Amenities	Reference	Rec.
东						
Circulation	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding				<u></u>		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Culture & Identity						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishings						

	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Î							
Pollution Control							
control	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Recreational Support							
	Amenity	Reference	Min.	Amenities	Reference	Rec.	
Ŭ,							
Safety & Security	America	Defense	N.A.iva	Augustin	Defense		
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
×							
Technology & Utilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
×							
Landscape							
Aesthetics	See Chapter xx foi	r design stand	lards re	garding aesthetic standar	ds for linear park		
Environmental Conditions	See Chapter xx for de	esign standar	ds rega	rding environmental cond	itions for linear p	ark	

Location

Downtown and/or within residential or commercial development

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

Spatial Organization

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
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 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

1.7 SPECIAL USE PARK

OVERVIEW

Acronym/Abbreviation: SUP

The design, development, preservation and enhancement of all Preserves in the DPARD system shall comply with the following required and/or recommended specifications.



DEFINITION

A Special Use Park generally has a dedicated and unique use such as historical site, skate park, or bike park.

SIZE

Varies in size

SERVICE AREA

City-wide

Pedestrian/Cyclist:

0.5 mile is preferred for pedestrians and cyclists as it corresponds to a 10 minute walk/ 5 minute bike ride.



REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATIONS

The following are specifications are recommended (not required for this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of special use parks must receive prior written authorization from the DPARD.

Amenity	Reference	Min.	Amenity	Reference	Rec.
Maintenance Storage		1+	Community Center		1+
Building			Recreation Center		1
			Advance Tech Program Rooms		1+
			Indoor Pools		1+
			Cardio Room		1+
			Concessions		1+
			Exercise Equip. Room		1+
			Group Exercise Studio		1
			Game Room		1+
			Gymnastic Center		1
			Gymnasium		1
			Indoor Ice Rink		1
			Indoor Track		1
			Meeting Room		1+
			Multi-purpose Room		1+
			Performance Room		1+
			Restrooms		1+
			Teen Center		1
			Weight Room		1
			Indoor Sports Complex		1+
			Natatorium		1
			Indoor Water Playground		1
			Senior Center		1



	REQUIRED SPEC	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities & Amenities	-			AmenityAmphitheaterPavilionSwimming PooSpraygroundCommunity GardenDisc Golf CourseWater Park AmenityChallenge SportsDriving RangeBasketball CourtsMulti-purpose CourtTennis CourtsVolleyball CourtsIn-line Hockey RinkBaseball Field (Adult)Baseball Field (Youth)Football FieldMulti-purpose FieldRugby Field		Rec. 1+ 2+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1	
	Amenity	Reference	Min.	Soccer Field (adult) Soccer Field (Youth) Softball Field (adult) Softball Field (Youth) Amenity	Reference	1+ 1+ 1+ 1+ Rec.	
Outdoor Facilities & Amenities Contd.		Kererence		Picnic Area Playground Playscape Putting Green Shade Structures (soft) Bike Park Dog Park Skate park	Kererence	1+ 1/1 1 1+ 1+ 1+ 1+ 1 1	
Circulation	Amenity Multi-use Trail	Reference	Min. 1+	Amenities	Reference	Rec.	

	REQUIRED SPEC	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	-						
	Amonitu	Deference	Min	Vehicles Prohibited	Deference	PRN	
	Amenity	Reference	Min.	Amenity	Reference	Min.	
Ð				Public Art Flag Pole Memorials		1+ 1 1	
Culture & Identity							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishings	Benches Bike Racks Picnic Tables		2 1 2	Benches Bike Stations Drinking Fountains Grills		3+ 1 1 1	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Receptacles Revetments Dog Waste Station		2 1+ 1+				
Pollution Control							

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Scoreboards		1+	Outdoor Exercise Equipment		1+	
	Electrical Outlets		1+	Basketball Goals		1+	
				Football Goals		3+	
Recreational				Hockey Goals Rugby Goals		1+ 2+	
Support				Soccer Goals		2+	
				Backstop		1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Crosswalks		TBD	Bollards		1+	
-Q-	Security Lights		1+	Fencing		PRN	
Ţ	High Mast lighting		1+	Tree grates		1+ 1+	
afety & Security				Mid mast lighting Low mast lighting		1+ 1+	
, , , , , , , , , , , , , , , , , , ,				Trail lights		1+	
				Accent lighting		1+	
				Privacy wall		PRN	
				Retaining wall		PRN	
				Security cameras		PRN	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
×	Electrical Service Water Service WIFI			WIFI			
Technology & Utilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Irrigation Mowstrips		1+ TBD				
Landscape							
	See Chapter xx for	design stand	ards re	garding aesthetic standards for	special use pa	rks.	
Aesthetics							
	See Chapter xx for	design stand	lards re	garding aesthetic standards for	special use pa	urks	
Environmental							

Conditions

Scale

Varies depending on desired use (there are no specific guidelines for number of recommended acres)

Location

Downtown and/or within residential or commercial development

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

Spatial Organization

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 - b) facilities administrative visibility/ control of facilities
 - C) complementary spaces form
 Functional areas that support one another (cohesive site design)
 1a) grouped activities
 - maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility



1.8 CEMETERY

OVERVIEW

Acronym/Abbreviation:CEM

The design, development, preservation and enhancement of all Preserves in the DPARD system shall comply with the following required and/or recommended specifications.



DEFINITION

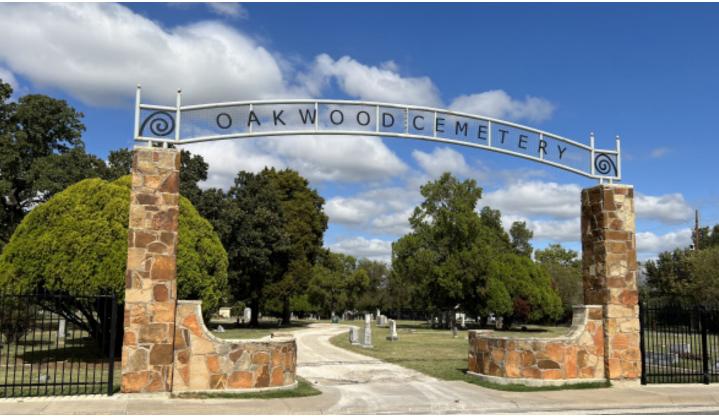
A Cemetery consists of burial plots, roads, storage, signage, trails, and the possibility of educational opportunities to celebrate the history of the cemetery.

SIZE

Varies in size

SERVICE AREA

City-wide



REQUIRED SPECIFICATIONS

RECOMMENDED SPECIFICATIONS

The following are specifications are required for this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of cemeteries must receive prior written authorization from the DPARD.

Reference Min.

Reference Min.

1+

Amenity

Amenity

Restrooms

The following specifications are recommended (not required) for this classifications of park to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.

Reference

Reference

Rec.

Rec.

1+



Amenity

Building

Amenity

Maintenance Storage



Ou Facil Ame



Way

Parking Lot Pavilion		1+ 1	Pavilion Picnic Area Playscape Shade Structures		2+ 1+ 1 1+
Amenity	Reference	Min.	Amenity	Reference	Rec
Multi-use Trail		1+			
Amenity	Reference	Min.	Amenity	Reference	Rec
Primary Entrance Sign Information Signs Hours of Operation Ordinance Signs ADA Parking Spaces		1 1+ 1+ TBD	Entrance Sign (Secondary) Directional Signs/Maps Informational Signs Digital Displays Marquee Signs Outdoor Bulletin Signs Mobile Applications Interpretive Signs Memorial Signs Donor/Naming Signs Recognition Signs Reservations ADA Parking Space Lighting Warning No Alcohol No Horseback Riding No Parking No Skating No Smoking No Soft Toss on Fence		

Vehicles Prohibited

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Culture &	Historical Marker		1+	Flap Pole Public Art Memorials		1 1+ 1	
Identity							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishings	Benches Bike Racks Picnic Tables		2 1 1+	Benches Bike Stations Drinking Fountains Grills		3 1 1 1	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Pollution Control	Receptacles Revetments Dog Waste Stations	Kelerence	2 1+ 1+	Amenity	Kelerence	Nec.	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Recreational Support	Electrical Outlets		1+				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Safety & Security	Crosswalks High Mast Lighting Mid Mast Lighting Low Mast Lighting Trail Lights Accent Lighting		TBD 1+ 1+ 1+ 1+ 1+	Fencing Privacy Wall Retaining Wall Security cameras		PRN PRN PRN PRN	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
×	Electrical Service Water Service			WIFI			
Technology & Utilities							
	REQUIRED SPEC	IFICATIO	ONS	RECOMMENDED SPI	ECIFICATIO	ONS	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Landscape	Irrigation Mowstrips		1+ TBD				



See Chapter xx for design standards regarding aesthetic standards for cemeteries.



Conditions

See Chapter xx for design standards regarding environmental conditions for cemeteries.

Scale

Varies depending on desired use (there are no specific guidelines for number of recommended acres)

Location

Downtown and/or within residential or commercial development

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

Spatial Organization

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
- b) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility



This section outlines the required and recommended specifications for indoor facilities and spaces within the City of Denton. The definitions of the different types of indoor facilities and spaces found in Denton are listed below.

ADMIN OFFICES

DEFINITION HERE

ADVANCE TECH PROGRAM ROOM

The primary function of Advance Tech Program Rooms are for creative and educational purposes.

AQUATICS: INDOOR WATER PLAYGROUND

The primary function of indoor swimming pools shall be to serve as the center of active aquatic recreational activities for all ages and all the residents of the entire City of Denton and/or the larger region at times.

AQUATICS: INDOOR SWIMMING POOL

The primary function of indoor swimming pools shall be to serve as the center of active aquatic recreational activities for all ages and all the residents of the entire City of Denton and/or the larger region at times.

CARDIO ROOM (DEDICATED)

CLASSROOMS

DEFINITION HERE

Function of a cardio room is for cardiovascular fitness purposes.

COMMUNITY CENTER

Function of a Community Center shall be to serve the entire community for social, educational,cultural and/or recreational activities.

CONCESSIONS

Function of Concessions shall be to support active recreational activities.

EXERCISE EQUIPMENT ROOM (DEDICATED)

Function of an exercise equipment room is to provide storage to physical fitness equipment and tools.

GROUP EXERCISE STUDIO

Function of a group exercise studio is to provide space for physical fitness classes and group lessons.

GAME ROOM

Function of a game room is individual and social activities.

GYMNASTIC CENTER

Function of a gymnastic center is specialized towards gymnastics and/or competitions.

GYMNASIUM

Function of a gymnasium is to support a multitude of active recreational activities.

INDOOR

Function of an indoor ice rink is to support a multitude of individual and group recreational activities.

INDOOR PLAYGROUND

The function of an indoor playground is active recreation and social interaction for users.

INDOOR SPORT COMPLEX

Function of an indoor sports complex is to support group recreational activities including competitions year-round.

KITCHEN

INDOOR TRACK

Function of an indoor track is to support track and field

related active recreation.

DEFINITION HERE

MEETING ROOM

Function of a meeting room is focused on providing space for communication and providing space for groups to organize and interact.

MAINTENANCE STORAGE ROOM

Function of maintenance storage building are to support maintenance efforts of staff.

MULTI-PURPOSE ROOM

Function of a multi-purpose room is for focused communication, entertainment, social gathering, and the support of active recreational activities.

NATATORIUM

Function of a natatorium is to support individual and group aquatic recreational activities.

NATURE CENTER

Function of a nature center is education, conservation, and preservation.

PERFORMANCE ROOM

Function of a performance rooms are focused on communication, education, and entertainment.

RECREATION CENTER

Function of a recreation centers is to support a multitude of individual and group active recreational activities.

RESTROOMS

Function of a senior center is focused communication, education, entertainment, social and passive/active recreational activities.

SENIOR CENTER

Function of a senior center is focused communication, education, entertainment, social and passive/active recreational activities.

TEEN CENTER

Function of a teen center is focused communication, education, entertainment, social and passive/active recreational activities.

WATER PARK

Function of a water park is to support active/passive aquatics recreational activities.

WEIGHT ROOM (DEDICATED)

Function of a weight room is for physical fitness.

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x.x ADMIN OFFICE

OVERVIEW

The design, development, preservation and enhancement of all admin offices in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

INSERT DEFINITION HERE

SERVICE AREA

Pedestrian/Cyclist:

Commuters (vehicular):

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Secondary Method:

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints

- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities,

- programming and adjacent uses A) Allow diverse activities to occur Simultaneously
 - B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED	LOCATIONS	5	RECOMMEND	ED LOCATIONS	5
This indoor facility shall following locations in th			This indoor facility shall following locations in the		
Amenity	Reference	Min.	Amenity	Reference	Rec.
Amenity	Reference	Min.	Amenity	Reference	Rec.
REQUIRED SP	ECIFICATIO	NS	RECOMMENDED	SPECIFICATIO	NS
The following are specific this classifications of p the level of service (LC residents of the City modifications to the re the development of an a prior written authorizat	fications are requ ark in order to r DS) DPARD provi of Denton. Any equired specifica admin office must	uired for naintain ides the and all itions in treceive	The following specification required) for this classific the equitable distribution maintaining/enhancing DPARD provides the resid Any and all amenities in the required/recomment must received prior write DPARD.	cations of park to as on which in turn ass the level of service dents of the City of De ot specifically identif ided specifications h	sist in sist in (LOS) enton. ied in herein
Amenity	Reference	Min.	Amenity	Reference	Rec.
Amenity	Reference	Min.	Amenity	Reference	Rec.
Amenity	Reference	Min.	Amenity	Reference	Rec.

x.x ADVANCE TECH PROGRAM ROOM

OVERVIEW

Acronym/Abbreviation: ATPR

The design, development, preservation and enhancement of all advance tech program rooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of Advance Tech Program Rooms are for creative and educational purposes.

SERVICE AREA

Pedestrian/Cyclist:

1/2 mile is preferred for pedestrians & cyclist as it corresponds to a 10 minute walk/5 minute bike ride. This is a primary initiative for DPARD.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints

- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED I	OCATION	S	RECOMMENDE	D LOCATION	S
	is indoor facility shall l lowing locations in the			This indoor facility shall b following locations in the q		
An	nenity	Reference	Min.	Amenity	Reference	Rec.
Co	y Park mmunity Park ecial Use Pare		1 1 1			
An	nenity	Reference	Min.	Amenity	Reference	Rec.
	-			Community Centers Recreation Centers		1+ 1+
				RECOMMENDED		
	REQUIRED SPI	ECIFICATIC	JIN2	RECONNIVIENDED	SPECIFICATIO	CVIV
thi lev of the ad wr	e following are specifi s classifications of park rel of service (LOS) DPAR the City of Denton. Any e required specification vance tech program r itten authorization fro	k in order to ma RD provides the y and all modifi- ns in the develo room must reco m the DPARD.	intain the residents cations to opment of eive prior	The following specification required) for this classifica- the equitable distribution maintaining/enhancing the DPARD provides the reside Any and all amenities not the required/recommender must received prior writte DPARD.	tions of park to as which in turn as e level of service onts of the City of D specifically identified specifications n authorization fro	ssist in sist in (LOS) enton. fied in herein om the
An	nenity	Reference	Min.	Amenity	Reference	Rec.
Cla	issroom		20 person min			
Δn	nenity	Reference	Min.	Amenity	Reference	Rec.
	op off/Pick up Zone	Reference	1	Drop off/Pick up		
An	nenity	Reference	Min.	Amenity	Reference	Rec.
Se Sig Inf	condary Destination n ormational Signs		1+	Informational Signs Reservations		1+
ng Ho	urs of Operation		1+			

X.X AQUATICS: INDOOR WATER PLAYGROUND

OVERVIEW

Acronym/Abbreviation: IWPG

The design, development, preservation and enhancement of all indoor water playgrounds in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of indoor swimming pools shall be to serve as the center of active aquatic recreational activities for all ages and all the residents of the entire City of Denton and/or the larger region at times.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur Simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	OCATIONS	5	RECOMMENDED LOC	ATIONS	5
	This indoor facility shall be following locations in the			This indoor facility shall be located following locations in the quantities		
	Amenity	Reference	Min.	Amenity R	eference	Rec.
Developed Open Space				Special Use Park		1
	Amenity	Reference	Min.	Amenity R	eference	Rec.
Indoor Facilities & Amenities				Natatorium Water Park		1+ 1+
	REQUIRED SPE	CIFICATIO	NS	RECOMMENDED SPECIF	ICATIO	NS
	The following are specificat this classifications of park the level of service (LOS) residents of the City of modifications to the requ the development of an inco must receive prior writted the DPARD.	k in order to r DPARD prov Denton. Any uired specification loor water play	maintain ides the and all ations in yground	The following specifications are recorrequired) for this classifications of p the equitable distribution which in maintaining/enhancing the level of DPARD provides the residents of the Any and all amenities not specificat the required/recommended specific must received prior written authorit DPARD.	park to as: n turn ass of service e City of De ally identifi fications h	sist in sist in (LOS) enton. ied in herein
	Amenity	Reference	Min.	Amenity R	eference	Rec.
Indoor Facilities & Spaces	Restrooms Classroom		1+ 1			
	Amenity	Reference	Min.	Amenity R	eference	Rec.
Wayfinding	Secondary Destination Sign Informational Signs Hours of Operation		1+ 1+	Informational Signs Reservations		1+

X.X AQUATICS: INDOOR SWIMMING POOL

OVERVIEW

Acronym/Abbreviation: ISP

The design, development, preservation and enhancement of all indoor swimming pools in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of Indoor Swimming Pools shall be to serve as the center of active aquatic recreational activities for all ages and all the residents of all entire City of Denton and/or the larger region at times.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur Simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED L	OCATIONS	5	RECOMMENDED	LOCATION	S
	This indoor facility shall be following locations in the	e located at eac quantities req	ch of the uired.	This indoor facility shall be left following locations in the quart		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space	City Park Community Park Preserve Neighborhood Park Special Use Park		1+ 1+ 1+ 1+ 1+			
opute	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities & Amenities				Community Center Natatorium Recreation Center Water Park		1 1+ 1 1+
	REQUIRED SPE	CIFICATIO	NS	RECOMMENDED SP	ECIFICATIO	NS
	The following are specific this classifications of par the level of service (LOS residents of the City of modifications to the req the development of indo pool must receive prior from the DPARD.	k in order to r) DPARD prov Denton. Any uired specifica oor aquatic sw	naintain ides the and all ations in vimming	The following specifications a required) for this classificatio the equitable distribution w maintaining/enhancing the I DPARD provides the residents Any and all amenities not sp the required/recommended must received prior written a DPARD.	ns of park to as hich in turn as evel of service of the City of D pecifically identif specifications	sist in sist in (LOS) enton. fied in herein
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities & Spaces	Restrooms Classroom		1+ 1			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities	Parking Lot		1			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Wayfinding	Secondary Destination Sign Informational Signs Hours of Operation		1+ 1+	Informational Signs Reservations		1+

x.x CARDIO ROOM (DEDICATED)

OVERVIEW

Acronym/Abbreviation: DCR

The design, development, preservation and enhancement of all cardio rooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a cardio room is for cardiovascular fitness purposes.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED L	OCATIONS	5	RECOMMENDED LOCATIONS			
	This indoor facility shall b following locations in the			This indoor facility shall be loo following locations in the quant			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
bed	City Park Community Park Preserve Neighborhood Park Special Use Park		1+ 1+ 1+ 1+ 1+				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				Community Center Recreation Center		1+ 1+	
	REQUIRED SPE	CIFICATIO	NS	RECOMMENDED SPE	CIFICATIO	NS	
	The following are specific this classifications of par the level of service (LOS residents of the City of modifications to the req the development of a car prior written authorizatio	k in order to r) DPARD prov Denton. Any uired specifica dio room must	naintain ides the and all itions in receive	The following specifications are required) for this classifications the equitable distribution whi maintaining/enhancing the lev DPARD provides the residents of Any and all amenities not spec the required/recommended se must received prior written au DPARD.	s of park to as och in turn as vel of service of the City of De cifically identif pecifications l	sist in sist in (LOS) enton. ied in herein	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
1	Classroom		1				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
ng	Secondary Destination Sign Informational Signs Hours of Operation		1+ 1+				

x.x CLASSROOMS

OVERVIEW

Acronym/Abbreviation: XX

The design, development, preservation and enhancement of all classrooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints

- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATIONS			RECOMM	ENDED LOCATIONS	S
This indoor facility shall be located at each of the following locations in the quantities required.				/ shall be located at each of in the quantities recomme	
Amenity	Reference	Min.	Amenity	Reference	Rec.

REQUIRED SPECIFICATIONS	RECOMMENDED SPECIFICATIONS
The following are specifications are required for this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of a classroom must receive prior written authorization from the DPARD.	The following specifications are recommended (not required) for this classifications of park to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.
Amenity Reference Min.	Amenity Reference Rec.
Amenity Reference Min.	Amenity Reference Rec.

x.x COMMUNITY CENTER

OVERVIEW

Acronym/Abbreviation: CC

The design, development, preservation and enhancement of all community centers in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a community Center shall be to serve the entire community for social, educational,cultural and/or recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints

- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur Simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED L	OCATIONS	5	RECOMMENDED LOCATION	IS
	This indoor facility shall b following locations in the			This indoor facility shall be located at each following locations in the quantities recomm	
	Amenity	Reference	Min.	Amenity Reference	Rec.
Developed Open Space	City Park Community Park Preserve Neighborhood Park Special Use Park		1+ 1+ 1+ 1+ 1+		
- [Amenity	Reference	Min.	Amenity Reference	Rec.
Indoor Facilities & Amenities				Community Center Recreation Center	1+ 1+
	REQUIRED SPE	CIFICATIO	NS	RECOMMENDED SPECIFICATIO	ONS
	The following are specific this classifications of par the level of service (LOS residents of the City of modifications to the req the development of a co receive prior written an DPARD.	k in order to r DPARD prov Denton. Any uired specifica ommunity cent	maintain ides the and all ations in er must	The following specifications are recommend required) for this classifications of park to a the equitable distribution which in turn as maintaining/enhancing the level of service DPARD provides the residents of the City of D Any and all amenities not specifically ident the required/recommended specifications must received prior written authorization fr DPARD.	ssist in ssist in e (LOS) Denton. ified in herein
	Amenity	Reference	Min.	Amenity Reference	Rec.
Indoor Facilities & Amenities	Restrooms		1+	Admin Office Advance Tech Program Room Concessions Cardio Room Classrooms Exercise Equip. Room Indoor Playground Kitchen Group Exercise Studio Game Room Gymnastic Center Gymnasium Indoor Playground Indoor Track Meeting Room Multi-purpose Room Performance Room Teen Center Weight Room	1+ 1 1 1+ 1 1 1+ 1 1 1+ 1+ 1+ 1+ 1+ 1 1

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor	Parking Lot		1			
Facilities						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
(Å	Multi-Use Trail	1+				
Circulation	Amenity	Reference	Min.	Amenity	Reference	Rec.
0	Directory Signs/Maps Informational Signs Hours of Operation ADA Parking Spaces	1+ 1+ TBD		Primary Destination Signs Informational Signs Digital Displays Marquee Signs Outdoor Bulletin Signs	Kererenee	1+ 1+ 1+ 1+ 1+ 1+
Wayfinding				Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Culture & Identity	Public Art Flag Pole		1+ 1+	Memorials		1
lacinity	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishing	Benches Bike Rack		2 1	Bike Station		1
Furnishing	Amenity	Reference	Min.	Amenity	Reference	Rec.
Pollution Control	Revetments		1+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Safety & Security	Security Lights		1+	Bollards Tree Grates High Mast Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+ 1+ 1+ 1+ 1+

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min	Amenity	Reference	Rec.	
×	WIFI Computer Workstations		1 5+				
Technology							
Aesthetics	See Chapter xx for Design	standards reį	garding a	esthetic standards for	Community Centers		

x.x CONCESSIONS

OVERVIEW

Acronym/Abbreviation: CONC

The design, development, preservation and enhancement of all concessions in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of concessions shall be to support active recreational activities.

SERVICE AREA

Pedestrian: Service intended to support the immediate facility in which it is located.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LC	OCATION	S	RECOMMENDED LOCATIONS			
				This indoor facility shall be located at each of the following locations in the quantities recommended.			
	Amenity	Reference	Min.	Amenity F	Reference	Rec.	
Developed Open Space				City Park Community Park Preserve Neighborhood Park Special Use Park		1+ 1+ 1+ 1+ 1+	
-1	Amenity	Reference	Min.	Amenity F	Reference	Rec.	
Indoor Facilities & Amenities	Indoor Sports Complex Water Park		1 1	Community Center Recreation Center Indoor Ice Rink Gymnastic Center Natatorium		1 1 1 1 1	
	Amenity	Reference	Min.	Amenity F	Reference	Rec.	
Outdoor Facilities	Sport Complex		1	Driving Range Tennis Courts		1	
	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPECII	FICATIO	NS	
	The following are specifica this classifications of park the level of service (LOS) residents of the City of modifications to the requ the development of conce prior written authorization	in order to r DPARD prov Denton. Any ired specifica essions must	maintain ides the and all ations in : receive	The following specifications are rec required) for this classifications of the equitable distribution which is maintaining/enhancing the level DPARD provides the residents of th Any and all amenities not specific the required/recommended spec must received prior written author DPARD.	park to as in turn ass of service e City of De ally identif ifications h	sist in sist in (LOS) enton. ied in nerein	
	Amenity	Reference	Min.	Amenity F	Reference	Rec.	
Wayfinding	Tertiary Destination Sign Quaternary Destination Sign Informational Signs Hours of Operation		1 1 1+				

x.x EXERCISE EQUIPMENT ROOM

OVERVIEW

Acronym/Abbreviation: EER

The design, development, preservation and enhancement of all exercise equipment rooms the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of an exercise equipment room is to provide storage to physical fitness equipment and tools.

SERVICE AREA

Commuters (vehicular): Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
				This indoor facility shall be located at each of the following locations in the quantities recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	City Park Community Park		1 1			
	Neighborhood Park		1			
Developed Open Space	Special Use Park		I			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				Community Center Recreation Center		1 1
Indoor Facilities & Amenities						

x.x GROUP EXERCISE STUDIO

OVERVIEW

Acronym/Abbreviation: GES

The design, development, preservation and enhancement of all group exercise studios in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a group exercise studio is to provide space for physical fitness classes and group lessons.

SERVICE AREA

Commuters (vehicular): Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
				This indoor facility shall be located at each of the following locations in the quantities recommended.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	City Park		1				
	Community Park		1				
	Preserve		1				
Developed	Neighborhood Park Special Use Park		1				
Open							
Space							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				Community Center		1	
				Recreation Center		1	
Indoor							
Facilities &							
Amenities							

x.x GAME ROOM

OVERVIEW

Acronym/Abbreviation: GR

The design, development, preservation and enhancement of all game rooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a game room is individual and social activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED L	REQUIRED LOCATIONS RECOMMENDED LOCATIO			LOCATION	S
	This indoor facilities sha the following locations.	ll be located at	each of	This indoor facility shall be located at each of the following locations in the quantities recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space	City Park Community Park Preserve Neighborhood Park Special Use Park		1 1 1 1			
-1	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor acilities &				Community Center Recreation Center		1 1
Amenities	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
	The following are specific this classifications of pa the level of service (LOS residents of the City o modifications to the rec the development of a ga prior written authorizatio	rk in order to r 5) DPARD prov f Denton. Any quired specifica me room must	naintain ides the and all ations in t receive	The following specifications required) for this classificati the equitable distribution w maintaining/enhancing the DPARD provides the resident Any and all amenities not so the required/recommended must received prior written DPARD.	ons of park to as which in turn as: level of service ts of the City of De specifically identif specifications l	sist in sist in (LOS) enton. fied in herein
	Amenity	Reference	Min.	Amenity	Reference	Rec.
echnology	Computer Workstations		10+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
B /ayfinding	Secondary Destination Signs Informational Signs Hours of Operation		1+ 1+	Informational Signs Reservation		1+

x.x GYMNASTIC CENTER

OVERVIEW

Acronym/Abbreviation: GC

The design, development, preservation and enhancement of all gymnastic centers in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a gymnastic center is specialized towards gymnastics and/or competitions.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints

- Land acquisition constraints
- City Code Compliance

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED	LOCATIONS		RECOMMENDED I	OCATION	S			
	This indoor facility shall following locations in th			This indoor facility shall b of the following locations recommended.					
	Amenity	Reference	Min.	Amenity	Reference	Rec.			
Developed Open	City Park Community Park Neighborhood Park Special Use Park		1 1 1 1						
Space	Amenity	Reference	Min.	Amenity	Reference	Rec.			
Indoor Facilities &				Community Center Recreation Center		1			
Amenities			:						
	REQUIRED SF	PECIFICATION	NS	RECOMMENDED SP	ECIFICATIO	ONS			
	The following are specifications are required for this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of a gymnastic center must receive prior written authorization from the DPARD.			(not required) for this classi assist in the equitable distrib assist in maintaining/enhancin (LOS) DPARD provides the r of Denton. Any and all amer identified in the require specifications herein must re- authorization from the DPARI	bution which in ng the level of s esidents of th nities not spec uired/recommender eceived prior v	ion which in turn the level of service dents of the City es not specifically ed/recommended ived prior written			
	Amenity	Reference	Min.	Amenity	Reference	Rec.			
Indoor Facilities & Amenities	Restrooms		1+	Admin Office Concessions Classroom		1 1			
	Amenity	Reference	Min.	Amenity	Reference	Rec.			
Outdoor	Parking Lot		1						
Facilities & Amenities									
	Amenity	Reference	Min.	Amenity	Reference	Rec.			
东	Multi-use Trail		1+						

	REQUIRED SPECI	FICATION	NS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
0	Directory Signs Informational Signs Hours of Operation ADA Parking Spaces		1+ 1+ TBD	Primary Destination Sign Informational Signs Digital Displays Marquee Signs Outdoor Bulletin Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Public Art Flag Pole		1+ 1	Memorials		1	
Culture & Identity							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site	Benches Bike Rack		2 1				
Furnishings							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Pollution Control	Revetments		1+				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Safety and Security	Security Lights		1+	Bollards Tree Grates High Mast Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+ 1+ 1+ 1+	
Aesthetics	See Chapter xx for des	ign standards	s regardii	l ng aesthetic standards for Gymn	astic Centers		

X.X GYMNASIUM

OVERVIEW

Acronym/Abbreviation: GYM

The design, development, preservation and enhancement of all gymnasiums in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a gymnasium is to support a multitude of active recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/

- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

RECOMMENDED LOCATIONS

This indoor facility shall be located at each This indoor facility shall be located at each of the following locations in the quantities of the following locations in the quantities recommended. required. Amenity Reference Rec. Amenity Reference Min.



				3		
	City Park Community Park Special Use Park		1 1 1			
Developed Open Space						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor				Community Center Recreation Center		1 1
Facilities & Amenities						
	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED		
				SPECIFICATIONS		
	DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of a gymnasium must receive prior written authorization from the DPARD.			The following specification (not required) for this of to assist in the equitable turn assist in maintainin of service (LOS) DPARD p of the City of Denton. A not specifically identified recommended specificat received prior written a DPARD.	classifications o distribution wh g/enhancing the provides the res Any and all am ed in the rec ations herein	f park nich in e level sidents enities quired/ must
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding	Secondary Destination Signs Informational Signs Hours of Operation		1+ 1+			
F						

See Chapter xx for design standards regarding aesthetic standards for Gymnasiums

Aesthetics

X.X INDOOR ICE RINK

OVERVIEW

Acronym/Abbreviation: IIR

The design, development, preservation and enhancement of all indoor ice rinks in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of an indoor ice rink is to support a multitude of individual and group recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/

- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

RECOMMENDED LOCATIONS

This indoor facility shall be located at each This indoor facility shall be located at each of the following locations in the quantities of the following locations in the quantities





	required.			recommended.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Developed	City Park Community Park Special Use Park		1 1 1				
Open Space							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities & Amenities				Community Center Recreation Center		1	
	REQUIRED S	PECIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	for this classificatio maintain the level of provides the residen Any and all modific specifications in the	for this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of an ice rink must receive prior written authorization from the DPARD.			(not required) for this classifications of park to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities		
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities	Restrooms		1+	Admin Office Classroom Concessions		2+ 1 1	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities	Parking Lot		1				
Outdoor Facilities	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Circulation	Multi-use trail	Kelefence	1+		Kererence	Nec.	

	REQUIRED SPE	CIFICATIO	ONS	RECOMMEN SPECIFICAT		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding	Directory Signs/Maps		1+	Primary Destination Sign Informational Signs Digital Displays Marquee Signs Outdoor Bulletin Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Public Art Flag Pole		1+ 1+	Memorials		1
Culture & Identity					D (
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishings	Benches		2	Bike Rack		1
Site Furnishings		Reference	Min.	Amenity	Reference	Rec
	Revetments	Reference	1+		Reference	
Pollution Control	• *					
	Amenity	Reference	Min.	Amenity	Reference	Rec.
کُلِ- Safety & Security	Security Lights		1+	Bollards Tree Grates High Mast Lighting Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+ 1+ 1+ 1+ 1+
Aesthetics	See Chapter xx for desig	gn standards	regardin	g aesthetic standards for indo	or ice rinks.	

x.x INDOOR PLAYGROUND

OVERVIEW

Acronym/Abbreviation: IPG

The design, development, preservation and enhancement of all indoor playgrounds in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The function is an indoor playground is active recreation and social interaction for users.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

Reference

Reference

Min.

1

1

1

Min.

RECOMMENDED LOCATIONS

RECOMMENDED SPECIFICATIONS

The following specifications are recommended

(not required) for this classifications of park to

assist in the equitable distribution which in turn

assist in maintaining/enhancing the level of service

(LOS) DPARD provides the residents of the City

of Denton. Any and all amenities not specifically

the

in

Reference

Reference

required/recommended

Rec.

Rec.

1

1

This indoor facility shall be located at each of the following locations in the quantities recommended. required.

Amenity

Amenity

Community Center

Recreation Center



Developed Open Space



Indoor Facilities & Amenities REQUIRED SPECIFICATIONS The following are specifications are required for this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of indoor playground must receive prior written authorization from the DPARD. RECOM

Amenity

City Park

Amenity

Community Park

Special Use Park





		Reference		Americy		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
1/						
,	Informational Signs Reservations		1+			
	Secondary Destination Signs		1+	Informational Signs Hours of Operation		1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
es						
	Parking Lot		1			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Amenity Reference Min.			specifications herein must received prior writte authorization from the DPARD.		



See Chapter xx for Design standards regarding aesthetic standards for indoor playgrounds.

X.X INDOOR SPORTS COMPLEX

OVERVIEW

Acronym/Abbreviation: ISC

The design, development, preservation and enhancement of all exercise equipment rooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of an indoor sports complex is to support group recreational activities including competitions year round.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Primary Method: Pedestrian Secondary Method: Bicycle

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints

- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIR	ED LOCATIO	NS	RECOMMEN	DED LOCATION	NS	
	This indoor facility s following locations	in the quantities	required.	This indoor facility sha following locations in th	ne quantities recomm	nended.	
	Amenity	Referen	nce Min.	Amenity	Referenc	e Rec.	
Developed Open Space	City Park Community Park Special Use Park		1 1 1				
Share	Amenity	Referen	ice Min.	Amenity	Referenc	e Rec.	
Indoor				Community Center Recreation Center		1 1	
Facilities & Amenities							
AITICITICES	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	The following are specifications are required for this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of an indoor sports complex must receive prior written authorization from the DPARD.			The following specificative required) for this class the equitable distribution maintaining/enhancing DPARD provides the rest Any and all amenities the required/recommend must received prior wr DPARD.	ifications of park to tion which in turn a the level of servic sidents of the City of not specifically iden ended specifications ritten authorization f	assist in assist in ce (LOS) Denton. tified in herein rom the	
	Amenity	Reference		Amenity	Reference	Rec.	
Indoor Facilities & Amenities	Restrooms		1+	Admin Office Concessions Classroom		1 1	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities & Amenities	Parking Lot		1	-			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Ŕ	Multi-use Trail	Kelefence	1+		Kelefelice	Net.	
Circulation							

	REQUIRED SE	PECIFICAT	TIONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
0	Directory Signs Informational Signs Hours of Operation ADA Parking Spaces		1+ 1+ TBD	Primary Destination Sign Informational Signs Digital Displays Marquee Signs Outdoor Bulletin Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Public Art Flag Pole		1+ 1	Memorials		1	
Culture & Identity							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site	Benches Bike Rack		2 1	Bike Station		1	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Pollution Control	Revetments		1+				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Safety & Security	Security Lights		1+	Bollards Tree Grates High Mast Lighting Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Aesthetics		design standa	ards regardiı	ng aesthetic standards for indoo	r sports com	plex.	

X.X INDOOR TRACK

OVERVIEW

Acronym/Abbreviation: IT

The design, development, preservation and enhancement of all indoor tracks in the DPARD system shall comply with the following required and/or recommended specifications.

OVERVIEW

Acronym/Abbreviation: IT

The design, development, preservation and enhancement of all exercise equipment rooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of an indoor track is to support track and field related active recreation.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

Reference

Reference

Min.

1

1

1

Min.

RECOMMENDED LOCATIONS

Reference

Reference

Rec.

Rec. 1

This indoor facility shall be located at each This indoor facility shall be located at each of the of the following locations in the quantities following locations in the quantities recommended. required.

Amenity

Amenity

Community Center



Amenity

City Park

Amenity

Community Park

Special Use Park

Open Space



Recreation Center 1 Indoor Sports Complex 1 Indoor Facilities & Amenities **REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATIONS** The following are specifications are The following specifications are recommended (not required for this classifications of park in required) for this classifications of park to assist in order to maintain the level of service (LOS) the equitable distribution which in turn assist in DPARD provides the residents of the City maintaining/enhancing the level of service (LOS) of Denton. Any and all modifications to the DPARD provides the residents of the City of Denton. required specifications in the development Any and all amenities not specifically identified in of an indoor track must receive prior the required/recommended specifications herein written authorization from the DPARD. must received prior written authorization from the DPARD. Amenity Reference Min. Amenity Reference Rec. 1 **Parking Lot** Outdoor Facilities Amenity Reference Min. Amenity Reference Rec. Secondarv 1+ **Destination Signs** Informational Signs Hours of Operation 1+ Communication/ Wayfinding Reference Min. Reference Amenity Amenity Rec.



See Chapter xx for design standards regarding aesthetic standards for indoor tracks.

X.X KITCHEN

OVERVIEW

Acronym/Abbreviation: KIT

The design, development, preservation and enhancement of all kitchens in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

SERVICE AREA

Not Applicable

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED	LOCATIONS	5	RECOMMENDED LOCATIONS				
This indoor facility sha following locations in			This indoor facility shall be located at each of the following locations in the quantities recommended.				
Amenity	Reference	Min.	Amenity	Reference	Rec.		
Amenity	Reference	Min.	Amenity	Reference	Rec.		
REQUIRED S	PECIFICATIO	NS	RECOMMENDED	SPECIFICATIO	NS		
The following are specifications are required for this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of a kitchen must receive prior written authorization from the DPARD.		The following specificatio required) for this classific the equitable distributio maintaining/enhancing t DPARD provides the resid Any and all amenities no the required/recomment must received prior writt DPARD.	cations of park to as n which in turn as he level of service lents of the City of De ot specifically identif ded specifications h	sist in sist in (LOS) enton. fied in nerein			
Amenity	Reference	Min.	Amenity	Reference	Rec.		
Amenity	Reference	Min.	Amenity	Reference	Rec.		

X.X MAINTENANCE STORAGE ROOM

OVERVIEW

Acronym/Abbreviation: MSB

The design, development, preservation and enhancement of all maintenance storage rooms in the DPARD system shall comply with the following required and/or recommended specifications.

OVERVIEW

Acronym/Abbreviation: MSB

The design, development, preservation and enhancement of all exercise equipment rooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of maintenance storage building are to support maintenance efforts of staff.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

RECOMMENDED LOCATIONS

Reference

Rec.

This indoor facility shall be located at each of the following locations in the quantities required.

Reference

Min.

1

1

Amenity

This indoor facility shall be located at each of the following locations in the quantities recommended.

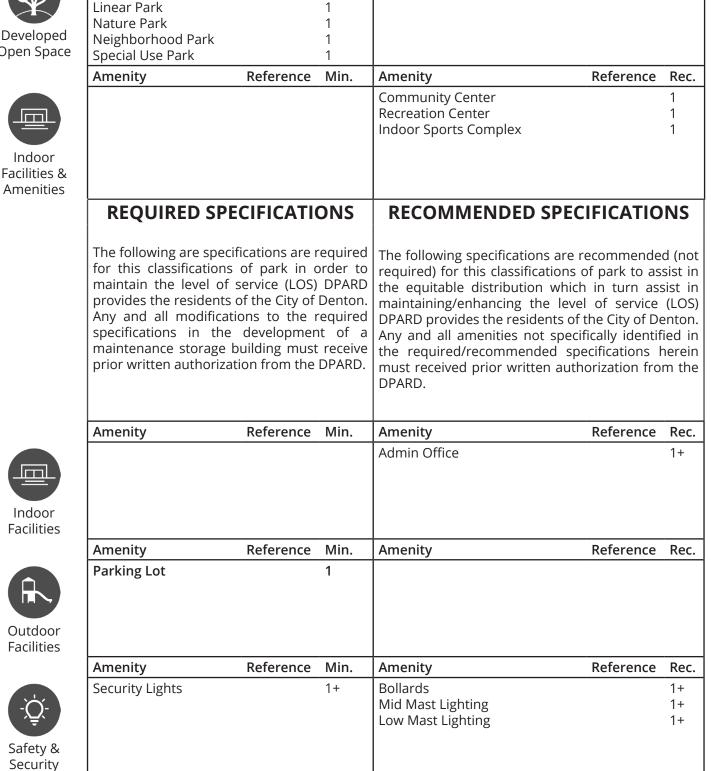


Amenity

City Park

Community Park

Open Space



	REQUIRED S	PECIFICATI	ONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
×	Computer Workstations			WIFI			
Technology & Utilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Landscape	See Chapter xx for design standards regarding landscape standards for maintenance Storage building.						

X.X MEETING ROOM

OVERVIEW

Acronym/Abbreviation: MR

The design, development, preservation and enhancement of all meeting rooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a meeting room is focused on providing space for communication and providing space for groups to organize and interact.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
This indoor facility shall be located at each of the following locations in the quantities			This indoor facility shall be located at each			
required.		of the following locations in the quantities recommended.		ies		
Amenity	Reference	Min.	Amenity	Reference	Rec.	
City Park		1		ľ		
Community Park		1				
Preserve		1				
Special Use Park		1				



Developed Open Space

	REQUIRED L	OCATION	IS	RECOMMENDED L	OCATION	IS
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				Community Center Recreation Center Natatorium Nature Center		1 1 1 1
Indoor Facilities & Amenities						
	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATIO	ONS
	The following are speci for this classifications maintain the level of provides the residents Any and all modificat specifications in the meeting room must authorization from the	of park in c service (LOS) of the City of ions to the r developmen receive prior	Denton. Tequired	 o (not required) for this classifications of park to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service d (LOS) DPARD provides the residents of the City a of Denton. Any and all amenities not specifically 		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities	Parking Lot		1			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding	Secondary Destination Signs Informational Signs Hours of Operation		1+ 1+	Informational Signs Reservations		1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Tech & Utilities	Computer Workstations		1+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Aesthetics	-			g aesthetic standards for indoc		

x.x MULTI-PURPOSE ROOM

OVERVIEW

Acronym/Abbreviation: MPR

The design, development, preservation and enhancement of all multi-purpose rooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a multi-purpose room is for focused communication, entertainment, social gathering and the support of active recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

RECOMMENDED LOCATIONS

This indoor facility shall be located at each This indoor facility shall be located at each of the following locations in the quantities of the following locations in the quantities recommended. required.





	required.			recommended.			
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.	
Developed Open Space	City Park Community Park Preserve Special Use Park		1 1 1 1				
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.	
Indoor Facilities & Amenities				Community Center Recreation Center Natatorium Nature Center		1 1 1	
	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIFI	CATIC	NS	
	The following are specified of this classifications of maintain the level of second of the residents of any and all modifications of the multi-purpose must resolution from the D	of park in of ervice (LOS) f the City of ons to the developmen eceive prior	Denton. required t of a	The following specifications are re- (not required) for this classification assist in the equitable distribution assist in maintaining/enhancing the le- (LOS) DPARD provides the resident of Denton. Any and all amenities ne- identified in the required/re- specifications herein must received authorization from the DPARD.	ns of pa which in evelofse ts of the ot specif ecomme	rk to turn ervice City fically nded	
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.	
Communication/ Wayfinding	Secondary Destination Signs Informational Signs Hours of Operation		1+ 1+	Informational Signs Reservations		1+	
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.	
X	Computer Workstations		1+				
Tech & Utilities							

X.X NATATORIUM

OVERVIEW

Acronym/Abbreviation: NAT

The design, development, preservation and enhancement of all natatoriums in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a natatorium is to support individual and group aquatic recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
	This indoor facility s following locations i			This indoor facility sha following locations in th			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				Special Use Park		1	
Developed Open Space							

				1		
	REQUIRED SPE	CIFICATIO	ONS	RECOMMEN	DED	
				SPECIFICATI	ONS	
	The following are	specificatior	ns are	The following specifications a	are recomme	ended
	required for this classi	fications of	park in	(not required) for this class		
	order to maintain the l		. ,	to assist in the equitable dis		
	DPARD provides the re of Denton. Any and all			turn assist in maintaining/er		
	required specifications			of service (LOS) DPARD prov of the City of Denton. Any		
	of a natatorium must i			not specifically identified		
	authorization from the D	PARD.		recommended specificatior		
				received prior written autho	prization from	n the
				DPARD.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Indoor Pool		1	Admin Office		1+
	Restrooms		1+	Concessions		1
				Indoor Water Playground		1+
				Meeting Room		1+
Indoor Facilities				Multi-Purpose Room		1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Parking Lot	1				
Outdoor						
Facilities						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Multi-use Trail		1+			
(K						
Circulation						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Directory Signs		1+	Primary Destination Sign		1+
	Informational Signs			Informational Signs		
	Hours of Operation		1+	Digital Displays		1+
Communication/	ADA Parking Spaces		TBD	Marquee Signs		1+
Wayfinding				Outdoor Bulletin Signs Mobile Applications		1+ 1+
, 0				Memorial Markers		1+
				Donor/Naming Rights Signs		1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Public Art		1+	Memorials		1
	Flag Pole		1			
Culture &						
Identity						

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.
Site Furnishings	Bike Rack		1			
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.
	Revetments		1+			
Pollution Control						
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.
Security	Security Lights		1+	Bollards Tree Grates High Mast Lighting Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.
Aesthetics	See Chapter xx fo	r design stan	dards re	garding aesthetic standards for natat	orium.	

X.X NATURE CENTER

OVERVIEW

Acronym/Abbreviation: NCTR

The design, development, preservation and enhancement of all nature centers in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a nature center is education, conservation and preservation.

SERVICE AREA

Commuters (vehicular): Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/

- control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIR	RED LOCATIONS	5	RECOMMENDED LOCATIONS			
				This indoor facility shall be located at each of the following locations in the quantities recommended			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				Preserve Special Use Park		1 1	
Developed Open Space							

	REQUIRED SPE	CIFICATIO	NS	RECOMMENDED SPECIFICATIONS			
	this classifications of park in order to maintain r the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of a nature park must receive prior written authorization from the DPARD.			required) for this classifications of park to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Restrooms		1+	Admin Office Concessions Classroom		1 1	
Indoor Facilities & Amenities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities & Amenities	Parking Lot		1				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Circulation	Multi-use Trail		1+				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site	Benches Security Lighting		1+ 1+				
Furnishings							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Pollution	Revetments		1+				
Control							

	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPEC	IFICATIO	NS
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Safety & Security	Security Lights		1+	Bollards High Mast Lighting Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Tech & Utilities	Computer Workstations		5+	WIFI		1
Aesthetics	See Chapter xx for	design stanc	lards reg	arding aesthetic standards for natu	ire center.	

X.X PERFORMANCE ROOM

OVERVIEW

Acronym/Abbreviation: PR

The design, development, preservation and enhancement of all performance rooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a performance rooms are focused on communication, education and entertainment.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

RECOMMENDED LOCATIONS

This indoor facility shall be located at each This indoor facility shall be located at each of the of the following locations in the quantities following locations in the quantities recommended. required.





	required.				
	Amenity	Reference	Min.	Amenity Reference	Rec.
	City Park Community Park Special Use Park		1 1 1		
Developed Open Space					
	Amenity	Reference	Min.	Amenity Reference	Rec.
Indoor Facilities & Amenities				Community Center Recreation Center	1 1 1 1
	REQUIRED SP	ECIFICATI	ONS	RECOMMENDED SPECIFICATI	ONS
	The following are required for this class order to maintain the DPARD provides the of Denton. Any and a required specification of a performance roc written authorization	sifications of level of serv residents of ll modification s in the deve om must rece	^E park in ice (LOS) the City ns to the elopment ive prior	The following specifications are recomm (not required) for this classifications of p assist in the equitable distribution which assist in maintaining/enhancing the level of s (LOS) DPARD provides the residents of th of Denton. Any and all amenities not specifications herein must received prior authorization from the DPARD.	ark to in turn service ne City ifically ended
	Amenity	Reference	Min.	Amenity Reference	Rec.
Communication/ Wayfinding	Secondary Destinatior Signs Informational Signs Hours of Operational	1	1+ 1+	Informational Signs Reservations	1+

X.X RECREATION CENTERS

OVERVIEW

Acronym/Abbreviation: RCTR

The design, development, preservation and enhancement of all recreation centers in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a recreation centers is to support a multitude of individual and group active recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
			This indoor facility shall be located at each of the following locations in the quantities recommended.			
Amenity	Reference	Min.	Amenity	Reference	Rec.	
			City Park Community Park Special Use Park		1 1 1	



REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATIONS

Amenity

Admin Office

Concessions

Cardio Room

Indoor Pool

Game Room

Gymnastic Center

Advance Tech Program Room

Exercise Equipment Room

Group Exercise Studio

The following are specifications are required for this classifications of park in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of a recreation center must receive prior written authorization from the DPARD.

Reference

Min.

1+

The following specifications are recommended (not required) for this classifications of park to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.

Reference

Rec.

2+

1

1

1

1

1

1

1+

1+



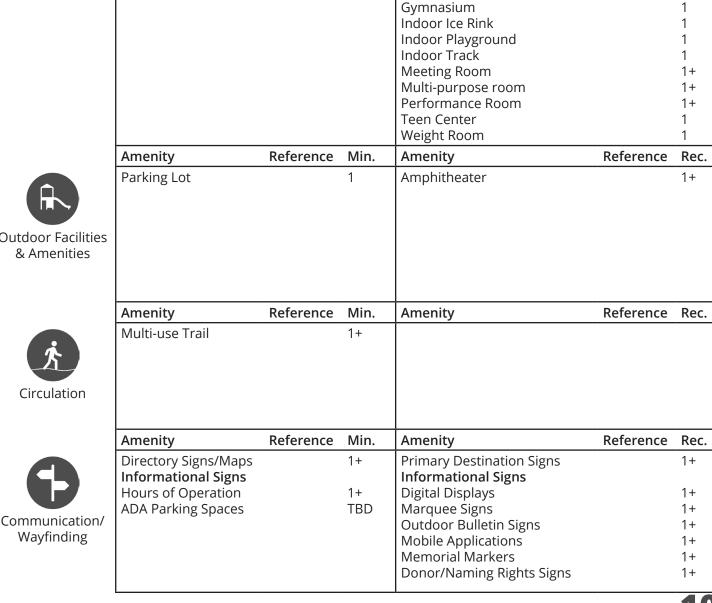
Amenity

Restrooms





Wayfinding



	REQUIRED SP	ECIFICATIO	NS	RECOMMENDED	SPECIFICATIO	NS
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Public Art Flag Pole		1+ 1	Memorials		1
Culture & Identity						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Bike Racks Bike Stations		2 1	Benches		1
Site Furnishings						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Revetments		1+			
Pollution Control						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Safety & Security	Security Lights		1+	Bollards Tree grates High Mast Lighting Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Tech & Utilities	WIFI		1			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Aesthetics	÷	gn standards reg	arding a	aesthetic standards for Recre	ation Centers.	

x.x RESTROOMS

OVERVIEW

Acronym/Abbreviation: RR

The design, development, preservation and restrooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of restrooms are to provide essential public amenity in high use area.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/

- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LC	CATION	S	RECOMMENDED LC	OCATION	IS
	This indoor facility shall of the following location required.			This indoor facility shall be of the following locations i recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space	City Park Community Park Preserve Special Use Park		1 1 1			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities	Indoor Water Playground Indoor Swimming Pool Community Center Gymnastic Center Indoor Sports Complex Natatorium Senior Center Recreational Centers Senior Center Water Park		1+ 1 1+ 1 1 1 1+ 1+ 1+ 1+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities	Swimming Pool Sprayground Plaza Sports Complex			Bike Park Dog Park Skate Park		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation				Mountain Bike Trails Multi-Use Trails		1+ 1+
	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPEC	CIFICATIO	ONS
	The following are specific for this classifications of order to maintain the lev DPARD provides the res of Denton. Any and all n required specifications in of restrooms must rec authorization from the DP	ations are re indoor facil vel of servic sidents of the nodifications n the develo- ceive prior	equired lities in e (LOS) ne City to the opment	The following specifications a (not required) for this classifi facility to assist in the equitable in turn assist in maintaining/enh service (LOS) DPARD provides th City of Denton. Any and all ameni identified in the requir specifications herein must rece authorization from the DPARD.	cations of i distribution hancing the le he residents ties not spec red/recomme	ndoor which evel of of the ifically ended
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ wayfinding	Tertiary Destination Sign		1			

	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity Reference	Rec.		
	Drinking Fountain Receptacles Security Light		1 2 1				
Site Furnishings							
	Amenity	Reference	Min.	Amenity Reference	Rec.		
Safety & security	Security Lights		1	Bollards Tree Grates	1+ 1+		
	Amenity	Reference	Min.	Amenity Reference	Rec.		
Aesthetics	See Chapter xx fo	or design star	ndards re	garding aesthetic standards for restrooms.			

X.X SENIOR CENTER

OVERVIEW

Acronym/Abbreviation: SCTR

The design, development, preservation and enhancement of all senior centers in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a senior center is focused communication, education, entertainment, social and passive/active recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of senior center must receive prior written authorization from the DPARD. assist in the equitable distribution which in turn in maintaining/enhancing the level of service DPARD provides the residents of the City of De Any and all amenities not specifically identified the required/recommended specifications in the development of senior center must receive prior written authorization from the DPARD. Image: Amenity Reference Min. Amenity Reference F Indoor Facilities Amenity Reference Min. Amenity Reference F Parking Lot 1 Amenity Reference Min. Amenity Reference F Outdoor Facilities Parking Lot 1 Amenity Reference F		REQUIRED	LOCATIO	NS	RECOMMENI	DED LOCATION	IS
City Park Openuotity Park Space 1 Special Use Park 1 Special Use Park 1 Special Use Park Amenity Reference Min. Amenity Reference Indoor Facilities Amenity Reference Min. Amenity Reference Indoor Facilities REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATION The following are specifications are required for this classifications of indoor facilities in order to maintain the level of service (LOS) DPARD any and all modifications to the required specifications in the development of senior center must receive prior written authorization from the DPARD. Reference Man. Amenity Reference Function of Any and all modifications to the required specifications in the development of senior center must receive prior written authorization from the DPARD. Amenity Reference Function of Any and all amenities and specifications from DPARD. Mameinty Reference Min. Amenity Reference Function of Any and all amenities and specifications from DPARD. Indoor Facilities Amenity Reference Min. Amenity Reference Function of Any and all amenities and specifications from DPARD. Mameinty Reference Min. Amenity Reference Function of Any and all amenities and specifications from DPARD. Mameinty Reference							
Even Community Park 1 Special Use Park 1 Open Amenity Reference Min. Amenity Reference Open Community Center 1+ Amenity Reference Min. Amenity Reference Indoor Facilities REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATION Recommended The following are specifications are required for this classifications of indoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of senvice from the DPARD. Reference Min. Amenity Reference May and all amenities not specifications here must received prior written authorization from the DPARD. Amenity Reference Min. Amenity Reference Min. Amenity Reference Min. Amenity Reference Min. Amenity Reference Min. Indoor Facilities Amenity Reference Min. Amenity Reference Min. Marce Amenity Reference Min. Amenity Reference Min. Indoor Facilities Amenity Ref		Amenity	Reference	ce Min.	Amenity	Reference	e Rec.
Amenity Reference Min. Amenity Reference Community Center 1+ 1+ Recreation Center 1+ Recreation Center 1+ 1+ Recreation Center 1+ Indoor Facilities REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATIO Recommended The following are specifications are required for this classifications of indoor facilities in order The following specifications are recommended assistin the equitable distribution which in turn provides the residents of the City of Denton. Any and all modifications to the required be required be residents of the City of Denton. From the DPARD. DPARD provides the residents of the City of Denton. In maintaining/enhancing the level of service DPARD provides the residents of the City of Denton. From the DPARD. Indoor Facilities Reference Min. Amenity Reference for DPARD. Indoor Facilities 1+ Admin Office 2 Indoor Facilities 1+ Admin Office 2 Outdoor Facilities 1+ Admin Office 2 Outdoor Facilities 1 Amenity Reference for Classroom 1 Amenity Reference Min. Amenity Reference for Classroom Indoor Facilities Amenity Reference f	•	Community Park		1 1 1			
Community Center 1+ Recreation Center 1+ Recommended to comparison compar	Space	Amenity	Reference	ce Min.	Amenity	Reference	e Rec.
The following are specifications are required for this classifications of indoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required between the required between the residents of the City of Denton from the DPARD. The following specifications are recommended specifications of indoor facilities in maintaining/enhancing the level of service DPARD provides the residents of the City of Denton. Any and all modifications to the required between the required between the residents of the City of Denton from the DPARD. Image: Mathematical Content of the transformation o	Indoor	Community Center					
this classifications of indoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required for this classifications of the City of Denton center must receive prior written authorization from the DPARD. Imaintaining/enhancing the level of service Any and all amenities not specifically identifications from the DPARD. Image: Amenity Reference Min. Amenity Reference Imaintain Office Classroom Indoor Facilities Amenity Reference Min. Amenity Reference Imaintain Office Classroom Outdoor Facilities Parking Lot 1 Amenity Reference Imaintain Office Classroom Imaintain Office Classroom Imaintain Office Classroom Outdoor Facilities Amenity Reference Min. Amenity Reference Imaintain Office Classroom Outdoor Facilities Amenity Reference Min. Amenity Reference Imaintain Office Classroom Outdoor Facilities Amenity Reference Min. Amenity Reference Imaintain Office Classroom Imaintain the level of service Imaintain Office Classroom Im		REQUIRED SE	PECIFICAT	IONS	RECOMMENDE	D SPECIFICATI	ONS
Restrooms 1+ Admin Office Classroom 2 Indoor Facilities Amenity Reference Min. Amenity Reference F Indoor Facilities Parking Lot 1 Amphitheater 1 Amphitheater 1 Indoor Facilities Amenity Reference Min. Amenity Reference F Indoor Facilities Amenity Reference Min. Amenity Reference F		this classifications of indoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of senior center must receive prior written authorization			required) for this classifications of indoor facility to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the		
Indoor FacilitiesAmenityReferenceMin.AmenityReferenceFMineAmenityReferenceMin.AmenityReferenceMin.Parking Lot1Amphitheater1AmenityReferenceMin.AmenityReferenceMin.AmenityReferenceMin.AmenityReferenceMin.		Amenity	Reference	Min.	Amenity	Reference	Rec.
Amenity Reference Min. Amenity Reference F Outdoor Parking Lot 1 Amphitheater 1 Outdoor Facilities Amenity Reference Min. Amenity Reference F Amenity Reference Min. Amenity Reference F	Indoor	Restrooms		1+			2+ 1+
Outdoor Facilities Amenity Reference Min. Amenity Reference F		Amenity	Reference	Min.	Amenity	Reference	Rec.
Amenity Reference Min. Amenity Reference F		Parking Lot		1	Amphitheater		1+
	Facilities	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation							

	REQUIRED SPECIFICATIONS		IONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
0	Directory Signs/Maps Informational Signs Hours of Operation ADA Parking Spaces		1+ 1+ TBD	Primary Destination Signs Informational Signs Digital Displays Marquee Signs Outdoor Bulletin Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Culture &	Public Art Flag Pole		1+ 1	Memorials		1	
Identity							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site	Benches		2				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Pollution Control	Revetments		1+				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Safety & Security	Security Lights		1+	Bollards Tree Grates High Mast Lighting Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Technology & Utilities	Computer Workstations		10+				
Landscape	See Chapter	xx for desigr	n standards	regarding landscaping for a senic	or center.		

X.X TEEN CENTER

OVERVIEW

Acronym/Abbreviation: TCTR

The design, development, preservation and enhancement of all exercise equipment rooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a teen center is focused communication, education, entertainment, social and passive/active recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneouslyB) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
of the following locations in the quantities required.			This indoor facility shall be located at each of the following locations in the quantities recommended.			
Amenity	Reference	Min.	Amenity	Reference	Rec.	
City Park		1				
Community Park		1				
Special Use Park		1				



	REQUIRED L	OCATION	S	RECOMMENDED LOC	ATION	S
	Amenity	Reference	Min.	Amenity Ref	ference	Rec.
	Community Center Recreation Center		1+ 1+			
Indoor Facilities						
	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIF	ICATIO	ONS
	The following are specif for this classifications of order to maintain the DPARD provides the r of Denton. Any and all required specifications of a teen center must authorization from the I	of indoor fac level of servic esidents of t modification in the devel receive prior DPARD.	ilities in ce (LOS) che City s to the opment written	The following specifications are r (not required) for this classificati facility to assist in the equitabl which in turn assist in maintain the level of service (LOS) DP/ the residents of the City of Der all amenities not specifically ide required/recommended specifica must received prior written author the DPARD.	ons of in le distribu ing/enhau ARD pro- nton. Any entified in ations he orization	idoor ution ncing vides vides and the erein from
	Amenity	Reference	Min.		ference	
Indoor Facilities				Admin Office Classroom		2+ 1+
	Amenity	Reference	Min.	Amenity Re	ference	Rec.
Circulation	Multi-use Trail		1+			
	Amenity	Reference	Min.	Amenity Re	ference	Rec.
Communication/ Wayfinding	Secondary Destination Signs Informational Signs Hours of Operation		1+ 1+ 1+	Informational Signs Reservations		1+
	Amenity	Reference	Min.	Amenity Re	ference	Rec.
×	Computer Workstations		10+			
Technology						

X.X WATER PARK

OVERVIEW

Acronym/Abbreviation: WP

The design, development, preservation and enhancement of all water parks in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a water park is to support active/passive aquatics recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

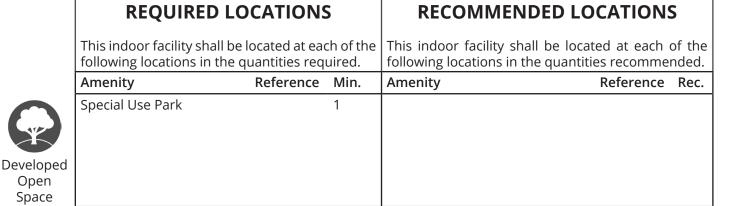
SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/

- control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility



	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	required specifications in the development of a water park must receive prior written authorization from the DPARD.			required) for this classifications of indoor facility to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities	Concessions Restrooms		1 1+	Admin Office Classroom Indoor Water Playground Indoor Pool		1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
F	Amphitheater Sprayground		1+ 1+	Parking Lot		1+	
Outdoor Facilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Circulation	Multi-use Trail		1+				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	Directory Signs/Maps Informational Signs Hours of Operation ADA Parking Spaces		1+ 1+ TBD	Primary Destination Signs Informational Signs Digital Displays Marquee Signs Outdoor Bulletin Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Public Art Flag Pole		1+ 1	Memorials		1	
Culture & Identity							

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Bike Rack		1	Benches		1+	
Site Furnishings							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Revetments		1+				
Pollution Control							
	Amenity	Reference	Min.	Amenity I	Reference	Rec.	
Safety & Security	Security Lights		1+	Bollards Tree Grates High Mast Lighting Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+ 1+ 1+ 1+	
Aesthetics	See Chapter xx for design standards regarding aesthetics for a water park.						
Landscape	See Chapter x	x for design	standard	s regarding landscaping for a wate	er park.		

X.X WEIGHT ROOM (DEDICATED)

OVERVIEW

Acronym/Abbreviation: WR

The design, development, preservation and enhancement of all weight rooms in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Function of a weight room is for physical fitness.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously

B) facilities administrative visibility/ control of facilities

- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	This indoor facility shall be located at each of the following locations in the quantities required.					
	Amenity	Amenity	Min.	Amenity Reference	e Rec.	
	City park Community park Special Use Park		1 1 1			
Developed Open Space						
	Amenity	Amenity	Min.	Amenity Amenity	Rec.	
				Community Centers Recreation Centers	1+ 1+	
Indoor Facilities						
	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS		
	The following are specifications are required for this classifications of indoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of a weight room must receive prior written authorization from the DPARD.			The following specifications are recommend required) for this classifications of indoor fa assist in the equitable distribution which assist in maintaining/enhancing the level of (LOS) DPARD provides the residents of t of Denton. Any and all amenities not spe identified in the required/recomm specifications herein must received prior authorization from the DPARD.	in turn service he City cifically nended	
	Amenity	Reference	Min.	Amenity Reference	e Rec.	
Communication/ Wayfinding	Secondary Destination Sign Informational Signs Hours of Operation		1+ 1+ TBD			



This section outlines the required and recommended specifications for outdoor facilities and amenities within the City of Denton. The following are the definition of the items that can be fund in the following pages. Outdoor facilities are planned, designed and built to serve cultural, social, educational active/passive recreational and special use needs.

AMPHITHEATER

An outdoor theater, usually semicircular or elliptical, with a stage or area for performances surrounded by seats. The primary function of an amphitheater is focused on communication, education, and entertainment.

AQUATICS: SWIMMING POOLS

A swimming pool is an artificial area if water for swimming. The primary function of swimming pools is to support active aquatic recreational activities.

AQUATICS: SPRAY-GROUNDS

A spray-ground is a recreation area that has little to no standing water but instead systems of water hoses that spray water. The primary function of spray-grounds is to support active aquatic recreational activities.

AQUATICS: WATER PARK AMENITIES

The primary function of water park amenities is to support active aquatic recreational activities.

COURSES: GOLF

The primary function of a golf course is to support a specific recreational activity as well as to enhance social activities.

FIELDS: SOFTBALL (ADULT)

The primary function of adult soccer fields are to provide a playing surface for specific recreational activities.

FIELDS: SOFTBALL (YOUTH)

The primary function of adult softball fields are to provide a playing surface for specific recreational activities youth.

PARKING LOTS

The primary function of parking lots are to provide a surface for temporary transportation storage in support to recreational activities.

PAVILIONS

The primary function of pavilions are to provide an enclosure and surface for specific recreational activities.

PICNIC AREA

The primary function of picnic areas is to identify specific areas intended to support specific recreational activities. Although all residents may use this facility, the typical users include pre-teens through adults.

PLAYGROUNDS

The primary function of playgrounds is to provide a surface and equipment for age specific recreational activities. Although all residents may use this facility, the typical users include children 2-5 and 5-12. A playground is an area designed for children to play freely. Playgrounds shall meet the needs of children of different ages and abilities.

PLAYSCAPES

The primary function of playscapes is to identify specific natural areas intended to support specific recreational activities. Although all residents may use this facility, the typical users include pre-teens through senior adults.

PLAZA

The primary function of plazas is to identify specific areas and to provide a surface that support specific recreational activities.

PUTTING **GREENS**

The primary function of putting greens are to provide an enclosure and surface to support specific recreational activities.

SPORTS COMPLEX

The primary function of sports complexes are to provide a grand enclosure with multiple sports facilities to support specific recreational activities.

DOG PARK

The primary function of dog parks is to provide an enclosure and surface to support specific recreational activities.

WILDFLOWER PRAIRIE

The primary function of a wildflower prairie is for conservation and preservation supporting native flora and fauna.

LAKES/PONDS/STREAMS

The primary function of lakes/ponds/streams are education, entertainment, recreation and beautification.

The primary function of bike parks is to provide a surface to support specific recreational activities.

BIKE PARK

SKATE

The primary function of bike parks is to provide a surface to support specific recreational activities.

The primary function of botanical gardens are education, entertainment, and beautification.

BOTANICAL GARDEN

PARKS

The primary function of shade structures is to provide enclosure to support specific recreational activities.

SHADE **STRUCTURES**



FUNCTION

The primary function of an amphitheater is focused on communication, education, and entertainment.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 - B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

OVERVIEW

Acronym/Abbreviation: OSP

The design, development, preservation and enhancement of all swimming pools in the DPARD system shall comply with the following required and/or recommended specifications.

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
 - control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

FUNCTION

The primary function of spray-grounds is to support active aquatic recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 - B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

FUNCTION

The primary function of water park amenities is to support active aquatic recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
 - control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

FUNCTION

The primary function of community gardens is to support educational, social and recreational activities.

SERVICE AREA

Pedestrians/Cyclists:

Primarily serve patrons within the immediate neighborhoods.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints

- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

OVERVIEW

Acronym/Abbreviation: DG

The design, development, preservation and enhancement of all disc golf courses in the DPARD system shall comply with the following required and/or recommended specifications.

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
 - control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of disc golf courses must receive prior written authorization from the DPARD.			(not required) for this classifications of ar outdoor facility to assist in the equitable distribution which in turn assist in maintaining e enhancing the level of service (LOS) DPARE			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor				Parking Lot Pavilion		1 1	
Facilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Circulation	Multi-use Trail		1+				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Hole Numbers		1+ 1 PRN	Primary Destination Signs Informational Signs Outdoor Bulletin Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishing	Benches Picnic Tables		1 every 3 holes 2	Bike Rack Drinking Fountain		1 1	
0	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Pollution	Receptacles		2				
Control							

	REQUIRED S	PECIFICATIO	ONS	RECOMMENDED SPECIFICATIONS				
	Amenity	Reference	Min.	Amenity	Reference	Rec.		
	Goals		9 or 18					
	T Pads		2@					
Recreational Support			every hole					
	Amenity	Reference	Min.	Amenity	Reference	Rec.		
-XQ-	Security Lights		1+	Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+		
Safety & Security								
	Amenity	Reference	Min.	Amenity	Reference	Rec.		
Landscape	See Chapter xx for design standards regarding landscape for disc golf courses.							
	Amenity	Reference	Min.	Amenity	Reference	Rec.		
Aesthetics	See Chapter	r xx for design st	andards	regarding aesthetics for di	sc golf courses.			

X.X COURSES: GOLF

OVERVIEW

Acronym/Abbreviation: GC

The design, development, preservation and enhancement of all golf courses in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of a golf course is to support a specific recreational activity as well as to enhance social activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
				This outdoor facility shall be located at each of the following locations in the quantities recommended.		
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
				Special Use Park		1
Developed						
Open Space						
142	L					

	REQUIRED SPEC	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of golf courses must receive prior written authorization from the DPARD.			of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities	Parking Lot		1				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Circulation	Multi-use Trail		1+				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Hole Numbers		1+ 1 PRN	Primary Destination Signs Informational Signs Outdoor Bulletin Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishing	Benches Picnic Tables		1 every 3 holes 2	Bike Rack Drinking Fountain		1 1	
0	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Pollution Control	Receptacles		2				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	T Pads		2 @ every hole				
Recreational Support							





Landscape



REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
Amenity	Reference	Min.	Amenity	Reference	Rec.
Security Lights		1+	Mid Mast Lighting		1+
			Low Mast Lighting		1+
			Trail Lights		1+
Amenity	Reference	Min.	Amenity	Reference	Rec.
See Chapter xx for design standards regarding landscape for golf courses.					
See Chap	ter xx for design	standard	ls regarding landscape for	golf courses.	
See Chap	ter xx for design Reference	standarc Min.	ds regarding landscape for Amenity	golf courses. Reference	Rec.

X.X COURSES: CHALLENGE SPORTS

OVERVIEW

Acronym/Abbreviation: CS

The design, development, preservation and enhancement of all challenge sports course in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of a challenge sports courses is to support specific recreational activities that challenge the mind and body as well as to enhance social activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
				This outdoor facility shall be located at each of the following locations in the quantities recommended.			
	Amenity	Amenity	Min.	Amenity R	eference	Rec.	
				City Park		1	
				Community Park		1	
				Special Use Park		1	
Developed							
Open							
Space							

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATIO	ONS
	for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of challenge sports courses must receive prior written authorization from the DPARD.			(not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation	Multi-use Trail		1+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding	Directional Signs/maps		1+	Primary Destination Signs Informational Signs Outdoor Bulletin Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Pollution Control	Receptacles		2			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Safety & Security	Security Lights		1+	Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+
2000.109	Amenity	Reference	Min.	Amenity	Reference	Rec.
Landscape				rding landscape for challenge s		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Aesthetics				rding aesthetics for challenge s		

X.X COURSES: DRIVING RANGE

OVERVIEW

Acronym/Abbreviation: DRC

The design, development, preservation and enhancement of all driving range course in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of a driving range course is to support a specific recreational activity as well as to enhance social activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities,

- programming and adjacent uses A) Allow diverse activities to occur
 - simultaneously B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
				This outdoor facility shall be located at each of the following locations in the quantities recommended.		
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
				City Park Special Use Park		1 1
Developed Open Space						

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
	for this classifications of outdoor facilities in (order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of spray-grounds must receive prior written authorization from the DPARD.			(not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any		
	Amenity	Reference	Min.	Amenity Refer	ence	Rec.
Indoor Facilities				Concession		1
indoor racincies	Amenity	Reference	Min.	Amenity Refer	ence	Rec
F	Shade Structures	Kererence	1+	Parking Pavilion	ence	1 1
Outdoor Facilities						
	Amenity	Reference	Min.	Amenity Refer	ence	Rec.
Circulation	Multi-use Trail		1+			
	Amenity	Reference	Min.	Amenity Refer	ence	Rec.
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Hours of Operation ADA Parking Spaces		1+ 1+ 1+ TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity Refer	ence	Rec.
Site Furnishing	Benches	Kererence	2	Bike Rack Drinking Fountain Picnic Tables		1 1 2
0	Amenity	Reference	Min.	Amenity Refer	ence	Rec.
	Receptacles		2			
Pollution Control						

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Electrical Outlets		1+			
Recreational Support						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Safety & Security	Ball field Lighting Security Lights Fencing		1+ 1+ PRN	High Mast Lighting Mid Mast Lighting Low Mast Lighting Trail Lights		1+ 1+ 1+ 1+
-	Amenity	Reference	Min.	Amenity	Reference	Rec.
Technology & Utilities	Electrical Service Water Service		200 amp 20 gpm			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Landscape	Irrigation		1			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Aesthetics	See Chapter xx for	design stanc	lards reg	arding aesthetics for driving ran	ge courses.	

X.X COURTS: BASKETBALL

OVERVIEW

Acronym/Abbreviation: BBC

The design, development, preservation and enhancement of all basketball courts in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of basketball courts are to support specific recreational activities as well as to enhance social activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance

150

- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
				This outdoor facility shall be located at each of the following locations in the quantities recommended.			
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
	City Park		1	Neighborhood Park		1	
×	Community Park		1	Special Use Park		1	
Developed							
Open							
Space							

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
	for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of basketball courts must receive prior written authorization from the DPARD.			(not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Court Numbers		1+ 1+ 1+	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations		1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishing	Benches		1+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Pollution Control	Receptacles		2			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Recreational	Basketball Goals Electrical Outlets		1+ 1+			
Support						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Safety & Security	Security Lights Fencing		1+ PRN	Mid Mast Lighting Low Mast Lighting		1+ 1+
	Amenity	Specificatio	n	I		
×	Buffer	Provide a separation from pedestrian/vehicular circulation routes with a low planed buffer. May include trees however no visual obstructions between 36" and 84" vertically				
Landscape	Drainage	Shall have a	1% max	imum slope for positive draina	ge	

	REQUIRED SPE	CIFICATIONS RECOMMENDED SPECIFICATIONS
	Amenity	Specification
Aesthetics	Surfacing	 a) Court finish shall be integral colored concrete with medium broom finish (to prevent slipping) b) Court marking shall be wear resistant c) Court markings shall be a minimum of 2" in width,primary court marking shall be white
	Spacing	a) multiple courts, side by side or end to end, shall have a minimum space between courts of 10'
		b) there shall be an area of 10' in width around the court's perimeter, 10' minimum without trees/shrubs (measured from maximum potential drip line), berms, planters, vehicular/pedestrian routes of travel 9hardscape) or light standards
	Color	Black: chain link fencing around basketball courts (black vinyl coated) Green: surfacing and the background on signage Blue: surfacing and the background on signage White: shall be used for boundary lines and text/graphics on signage
	Dimensions/Acreage	Basketball Court: Full Court Field Dimensions: 84' X 50' Minimum Acreage: .11 acres
	Standard Layout	Standard Basketball Court Layout 1

X.X COURTS: MULTI-PURPOSE

OVERVIEW

Acronym/Abbreviation: MPC

The design, development, preservation and enhancement of all multi-purpose courts in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of multi-purpose courts are to support a multitude of recreational activities as well as to enhance social activities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is granted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATIONS

RECOMMENDED LOCATIONS

This outdoor facility shall be located at each of the following locations in the quantities required. This outdoor facility shall be located at each of the following locations in the quantities recommended.

Rec.
1
1

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
	The following are specifications are required for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of multi-purpose courts must receive prior written authorization from the DPARD.			(not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
)	Directional Signs/maps Quaternary Destination		1+ 1+	Primary Destination Signs Informational Signs		1+
	Signs Informational Signs			Mobile Applications Memorial Markers		1+ 1+
tion/	Court Numbers		1+	Donor/Naming Rights Signs		1+
ıg				Reservations		1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
g	Benches		2+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
ntrol	Receptacles		2			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
)	Basketball Goals Electrical Outlets		1+ 1+	Hockey Goals		1+
nal						





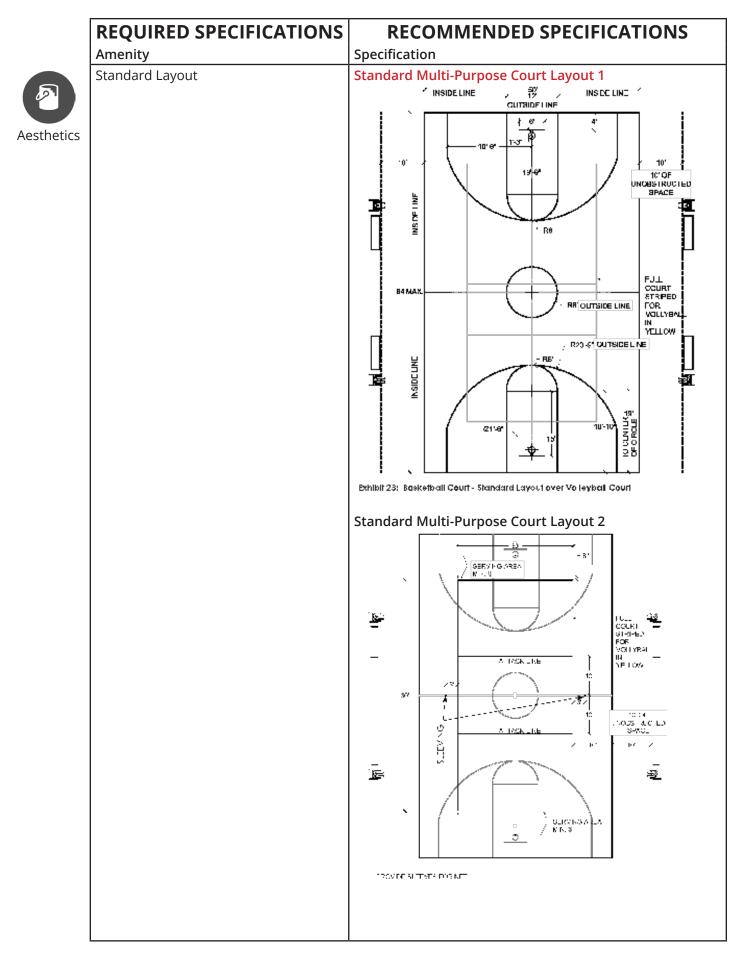


Furnishing



Recreational
Support

	REQUIRED SPE	CIFICATIONS	RECOMMENDED	SPECIFICATIONS		
	Amenity	Reference Min.	Amenity	Reference Rec.		
ĽŲ.	Security Lights	1+	Mid Mast Lighting Low Mast Lighting	1+ 1+		
Safety & Security						
	Amenity	Specification				
¥	Buffer		ion from pedestrian/vehicula er. May include trees howeve 84" vertically			
Landscape	Drainage	Shall have a 1% n	naximum slope for positive dr	ainage		
	Amenity	Specification				
Aesthetics	Surfacing	 a) Court finish shall be integral colored concrete with medium broom finish (to prevent slipping) b) Court marking shall be wear resistant c) Court markings shall be a minimum of 2" in width, d) Basketball court markings shall be white e) Volleyball court markings shall be yellow 				
	Spacing	space between co b) there shall be a 10' minimum with potential drip line	, side by side or end to end, s purts of 10' an area of 10' in width around nout trees/shrubs (measured e), berms, planters, vehicular/ e) or light standards	l the court's perimeter, from maximum		
	e courts (black vinyl ge e xt/graphics on signage					



X.X COURTS: PICKLE-BALL

OVERVIEW

Acronym/Abbreviation: PBC

The design, development, preservation and enhancement of all pickle-ball courts in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of pickle-ball courts are to support specific recreational activities as well as to enhance social facilities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is granted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously

B) facilities administrative visibility/ control of facilities

- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATIONS	;	RECOMMENDED LOCATIONS			
	This outdoor facility shall of the following location required.			This outdoor facility shall be located of the following locations in the or recommended.			
	Amenity	Amenity	Min.	Amenity Referen	ce Rec.		
Developed Open Space				Neighborhood Park Special Use Park	1 1		
	REQUIRED SPEC			RECOMMENDED			
				SPECIFICATIONS			
	The following are specifications of outd to maintain the level of specifications of any provides the residents of Any and all modification specifications in the develop courts must receive prior from the DPARD.	oor facilities service (LOS) the City of ns to the r opment of pi written autho	in order DPARD Denton. required ckle-ball prization	(not required) for this classificatio outdoor facility to assist in the distribution which in turn assist in ma enhancing the level of service (LOS provides the residents of the City o Any and all amenities not specifically in the required/recommended spec- herein must received prior written auth from the DPARD.	ns of an equitable intaining/ 5) DPARD f Denton. identified cifications norization		
	Amenity	Reference	Min.	Amenity Referer	ce Rec.		
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Court Numbers		1+ 1+ 1+	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations	1+ 1+ 1+ 1+ 1+		
	Amenity	Reference	Min.	Amenity Referer	ce Rec.		
Site Furnishing	Benches		2				
	Amenity	Reference	Min.	Amenity Referer	ce Rec.		
Pollution Control	Receptacles		2				
	Amenity	Reference	Min.	Amenity Referer	ce Rec.		
	Electrical Outlets	Kererenee	1+				
Recreational Support							

-'Ď́-
Safety & Security





REQUIRED SPI	ECIFICATIONS		MMENDED FICATIONS
Amenity	Reference Min.	Amenity	Reference Rec.
Security Lights	1+	Mid Mast Lighting Low Mast Lighting	1+ 1+
Amenity	Specification		
Buffer	Provide a separati with a low planed	on from pedestrian/vehi ouffer. May include tree een 36" and 84" vertically	es however no visual
Drainage	Shall have a 1% m	aximum slope for positiv	ve drainage
Amenity	Specification	I I	
Surfacing	finish (to prevent s b) Court marking s c) Court markings d) Basketball court		<u>ě</u>
Spacing	a) multiple courts, space between cou		nd, shall have a minimum
	10' minimum with	out trees/shrubs (measu , berms, planters, vehicu	ound the court's perimeter, ired from maximum ilar/pedestrian routes of
Color	coated) Green: surfacing a Blue: surfacing an	ncing around multi-purp nd the background on sig d the background on sig	ignage
Dimensions/Acreage	Winte. Shan be us		
Standard Layout	Standard Pickle C	ourt Layout 1	
			1

X.X COURTS: TENNIS

OVERVIEW

Acronym/Abbreviation: TC

The design, development, preservation and enhancement of all tennis courts in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of tennis courts are to support a specific recreational activities as well as to enhance social activities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is granted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

ĺ	REQUIRED LC	OCATION	S	RECOMMENDED L	ΟΟΑΤΙΟΙ	NS
	This outdoor facility shal of the following location required.			This outdoor facility shall be of the following locations recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space	City Park		2+	Community Park Neighborhood Park Special Use Park		2+ 2+ 2+
	REQUIRED SPEC		NS	RECOMMEN		
				SPECIFICATI		
	The following are specifications of outdots classifications of outdots to maintain the level of provides the residents of Any and all modifications specifications in the devicourts must receive prior from the DPARD.	loor facilities service (LOS) f the City of ns to the r velopment o	in order DPARD Denton. required f tennis	The following specifications a (not required) for this class outdoor facility to assist distribution which in turn ass enhancing the level of serv provides the residents of the Any and all amenities not spe in the required/recomment herein must received prior wr from the DPARD.	ssifications in the equ sist in mainta vice (LOS) D ne City of De ecifically ider ded specifica	of an iitable iining/ PARD enton. ntified ations
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities				Parking Lot		1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding	Directional Signs/maps Primary Destination Signs Quaternary Destination Signs Informational Signs Court Numbers Hours of Operation ADA Parking Spaces		1+ 1+ 1+ 1+ 1+ TBD	Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations		1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishing				Bike Rack Drinking Fountains		1 1
-	Amenity	Reference	Min.	Amenity	Reference	Rec.
Pollution Control	Receptacles		2			

Recreational Support



Safety & Security



Landscape

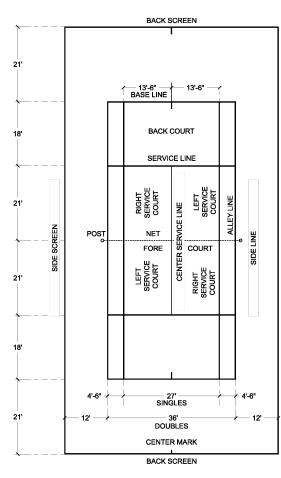


REQUIRED SPECIFICATIONS			RECOMM SPECIFIC		
Amenity	Reference	Min.	Amenity	Reference	Rec.
Electrical Outlets		1+			
Amenity	Reference	Min.	Amenity	Reference	Rec.
Security Lights Fencing		1+ PRN	High Mast Lighting Mid Mast Lighting Low Mast Lighting		1+ 1+ 1+
Amenity	Specificati	on			
Buffer	with a low	planed b	n from pedestrian/vehicul ouffer. May include trees h en 36" and 84" vertically		
Drainage	Shall have	a 1% ma	ximum slope for positive o	drainage	
Amenity	Specificati	on			
Surfacing	a) Court finish shall be integral colored concrete with medium broom finish (to prevent slipping) b) Court marking shall be wear resistant c) Court markings shall be a minimum of 2" in width, d) Court markings shall be white				
Spacing	 a) multiple courts, side by side or end to end, shall have a minimum space between courts of 10' b) there shall be an area of 10' in width around the court's perimeter, 10' minimum without trees/shrubs (measured from maximum potential drip line), berms, planters, vehicular/ pedestrian routes of travel 9hardscape) or light standards 				
Color Dimensions/Acreage	coated) Green: sur Blue: surfa	facing ar icing and	ncing around multi-purpos nd the background on sign I the background on signag d for boundary lines and t	age	vinyl
	Tennis Coเ Field Dime	ensions: Acreage urt: Enclo ensions:	: .064 acres osure		



AmenitySpecificationStandard LayoutStandard Pickle Court Layout 1

Standard Multi-Purpose Court Layout 2



X.X COURTS: VOLLEYBALL

OVERVIEW

Acronym/Abbreviation: VC

The design, development, preservation and enhancement of all volleyball courts in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of volleyball courts are to provide a playing surface for support specific recreational activities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATIONS	5	RECOMMENDED LOCATIONS			
	This outdoor facility shall of the following location required.			This outdoor facility shall of the following location recommended.			
	Amenity	Amenity	Min.	Amenity	Referenc	e	
Developed Open Space			2+	City Park Community Park Neighborhood Park Special Use Park		1+ 1+ 1+ 1+	
	REQUIRED SPEC	IFICATIO	NS	RECOMME SPECIFICA			
	The following are specificat this classifications of outdo to maintain the level of s provides the residents of Any and all modification specifications in the devel courts must receive prior of from the DPARD.	por facilities ervice (LOS) the City of ns to the r opment of ve	in order DPARD Denton. required olleyball	The following specification (not required) for this control outdoor facility to assist distribution which in turn a enhancing the level of seprovides the residents of Any and all amenities not set in the required/recomment herein must received prior we from the DPARD.	lassifications t in the ec issist in maint ervice (LOS) the City of E specifically ide inded specifi	of an juitable taining/ DPARD Denton. entified cations	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	Directional Signs/maps Primary Destination Signs Quaternary Destination Signs Informational Signs Court Numbers Hours of Operation ADA Parking Spaces		1+ 1+ 1+ 1+ 1+ TBD	Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations		1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec	
Site Furnishing	Benches		2	Bike Rack Drinking Fountains		1	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Receptacles		2				
Pollution Control							

	REQUIRED SP	ECIFICATIO	NS	RECOMMENDED SPECIFICATIONS		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Electrical Outlets		1+			
Recreational Support						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Security Lights		1+	Mid Mast Lighting		1+
-Q́-	Fencing		PRN	Low Mast Lighting		1+
Safety & Security						
	Amenity	Specificatio	n			
×	Buffer	with a low p	Provide a separation from pedestrian/vehicular circulation routes with a low planed buffer. May include trees however no visual obstructions between 36" and 84" vertically			
Landscape	Drainage	Shall have a	1% ma>	kimum slope for positive o	drainage	

REQUIRED SPECIFICATIONS

RECOMMENDED SPECIFICATIONS

Surfacing Courts may be concrete,sand or grass Sand Courts: a) sand courts shall use 20-30 mesh silica sand, a depth of 14" to 4: is preferred Warkings Sand Courts: a) affix court boundary nylon cords to subgrade anchors b) the 50'x80' sand area shall be contained by a 6" wide rubberize border Concrete Courts: a) court markings shall be wear resistant b) court markings shall be a minimum of 2" in width, primary cou markings shall be white Grass Courts: a) Markings shall be chalked/painted prior to practice/ games. Permanent field markings shall be used on synthetic turf. a) multiple courts, side by side or end to end, shall have a minimum space between courts of 12' b) there shall be an area of 12' in width around the court's perimeter, 12' minimum without trees/shrubs (measured from maximum potential drip line), berms, planters, vehicular/pedestriar routes of travel 9hardscape) or light standards Volleyball Court Field Dimensions: 60' X 30' Minimum Acreage: .041 acres 041 acres		SPECIFICATIONS				
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a) sand courts shall use 20-30 mesh silica sand, a depth of 14" to 4 is preferred Varkings Sand Courts: a) affix court boundary nylon cords to subgrade anchors b) the 50'x80' sand area shall be contained by a 6" wide rubberize border Concrete Courts: a) court markings shall be wear resistant b) court markings shall be wear resistant court markings shall be white Grass Courts: a) Markings shall be chalked/painted prior to practice/ games. Permanent field markings shall be used on synthetic turf. a) multiple courts, side by side or end to end, shall have a minimum space between courts of 12" b) there shall be a narea of 12' in width around the court's perimeter, 12' minimum without trees/shrubs (measured from maximum potential drip line), berms, planters, vehicular/pedestriar routes of travel 9hardscape) or light standards Volleyball Court Field Dimensions: 60' X 30' Minimum Acreage: .091 acres Sand Volleyball Court Field Dimensions: 30' X 50' Minimum Acreage: .2 acres Preferred Volleyball Court Orientation I I I I I I I I I I I I I I I I I I I	Surfacing	Courts may be concrete,sand or grass				
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Spacing a) multiple courts, side by side or end to end, shall have a minimul space between courts of 12' b) there shall be an area of 12' in width around the court's perimeter, 12' minimum without trees/shrubs (measured from maximum potential drip line), berms, planters, vehicular/pedestrial routes of travel 9hardscape) or light standards Volleyball Court Field Dimensions: 60' X 30' Field Dimensions: 80' X 50' Minimum Acreage: .041 acres Standard Layout Play Zone Field Dimensions: 80' X 50' Minimum Acreage: .091 acres Sand Volleyball Court Field Dimension: 30' X 60' Minimum Acreage: .2 acres Preferred Volleyball Court Orientation Image: .2 acres						
Dimensions/Acreage a) multiple courts, side by side or end to end, shall have a minimul space between courts of 12' b) there shall be an area of 12' in width around the court's perimeter, 12' minimum without trees/shrubs (measured from maximum potential drip line), berms, planters, vehicular/pedestriar routes of travel 9hardscape) or light standards Volleyball Court Field Dimensions: 60' X 30' Minimum Acreage: .041 acres Play Zone Standard Layout Play Zone Field Dimensions: 80' X 50' Minimum Acreage: .091 acres Sand Volleyball Court Field Dimension: 30' X 60' Minimum Acreage: .2 acres Preferred Volleyball Court Orientation Image:	c	Permanent field markings shall be used on synthetic turf.				
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Field Dimensions: 60' X 30' Minimum Acreage: .041 acres Standard Layout Play Zone Field Dimensions: 80' X 50' Minimum Acreage: .091 acres Sand Volleyball Court Field Dimension: 30' X 60' Minimum Acreage: .2 acres Preferred Volleyball Court Orientation Image: Court of the second sec		perimeter, 12' minimum without trees/shrubs (measured from maximum potential drip line), berms, planters, vehicular/pedestriar				
Field Dimensions: 80' X 50' Minimum Acreage: .091 acres Sand Volleyball Court Field Dimension: 30' X 60' Minimum Acreage: .2 acres Preferred Volleyball Court Orientation		Field Dimensions: 60' X 30'				
Field Dimension: 30' X 60' Minimum Acreage: .2 acres Preferred Volleyball Court Orientation	Standard Layout	Field Dimensions: 80' X 50'				
		Field Dimension: 30' X 60'				
		Preferred Volleyball Court Orientation				
PLAN						
		PLAN 1				



X.X IN-LINE HOCKEY RINK

OVERVIEW

Acronym/Abbreviation: RHR

The design, development, preservation and enhancement of all in-line hockey rink in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of in-line hockey rinks are to provide a playing surface for support specific recreational activities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	OCATION	S	RECOMMENDED LOCATIO	NS
	This outdoor facility sha of the following locatio required.			This outdoor facility shall be located of the following locations in the quirecommended.	
	Amenity	Amenity	Min.	Amenity Reference	e Rec.
Developed Open Space			2+	City Park Community Park Neighborhood Park Special Use Park	1+ 1+ 1+ 1+
	REQUIRED SPE	CIFICATIO	DNS	RECOMMENDED SPECIFICAT	IONS
	The following are specifi for this classifications of order to maintain the le DPARD provides the re of Denton. Any and all required specifications ir in-line hockey rinks must authorization from the D	foutdoor fac evel of servic esidents of t modifications the develop receive prior	ilities in ce (LOS) the City s to the ment of	The following specifications are recommended (not required) for this classifications outdoor facility to assist in the en- distribution which in turn assist in main enhancing the level of service (LOS) provides the residents of the City of Denta and all amenities not specifically identifier required/recommended specifications must received prior written authorization the DPARD.	of an quitable taining/ DPARD on. Any d in the herein
	Amenity	Reference	Min.	Amenity Reference	e Rec.
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs		1+ 1+ 1+	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations	1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity Reference	e Rec.
Site Furnishing	Benches		2	Bike Rack Drinking Fountains	1 1
	Amenity	Reference	Min.	Amenity Reference	e Rec.
Pollution Control	Receptacles		2		
	Amenity	Reference	Min.	Amenity Reference	e Rec.
Bacrostianal	Electrical Outlets Hockey Goals		1+ 1+		
Recreational Support					







REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIFICA	TIONS		
Amenity	Reference	Min.	Amenity Referen	ce Rec.		
Security Lights		1+	Mid Mast Lighting Low Mast Lighting	1+ 1+		
Amenity	Specificatio	n				
Buffer	with a low p	laned bu	n from pedestrian/vehicular circulation ro uffer. May include trees however no visua en 36" and 84" vertically			
Drainage	Shall have a	1% max	imum slope for positive drainage			
Amenity	Specificatio	n				
Surfacing	finish (to pr b) Court ma	event sli Irkings sl	be integral colored concrete with mediu oping) nall be wear resistant nall be a minimum of 2" in width	n broom		
Markings	Court marki	Court marking shall be white				
Color	Black: chain link fencing around multi-purpose courts (black vinyl coated) Green: surfacing and the background on signage Blue: surfacing and the background on signage White: shall be used for boundary lines and text/graphics on signage					
Standard Layout			ockey Rink Orientation			

X.X FIELDS: BASEBALL (ADULT)

OVERVIEW

Acronym/Abbreviation: BBFA

The design, development, preservation and enhancement of all Baseball (Adult) fields in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of adult baseball fields are to provide an enclosure and playing surface for specific recreational activities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

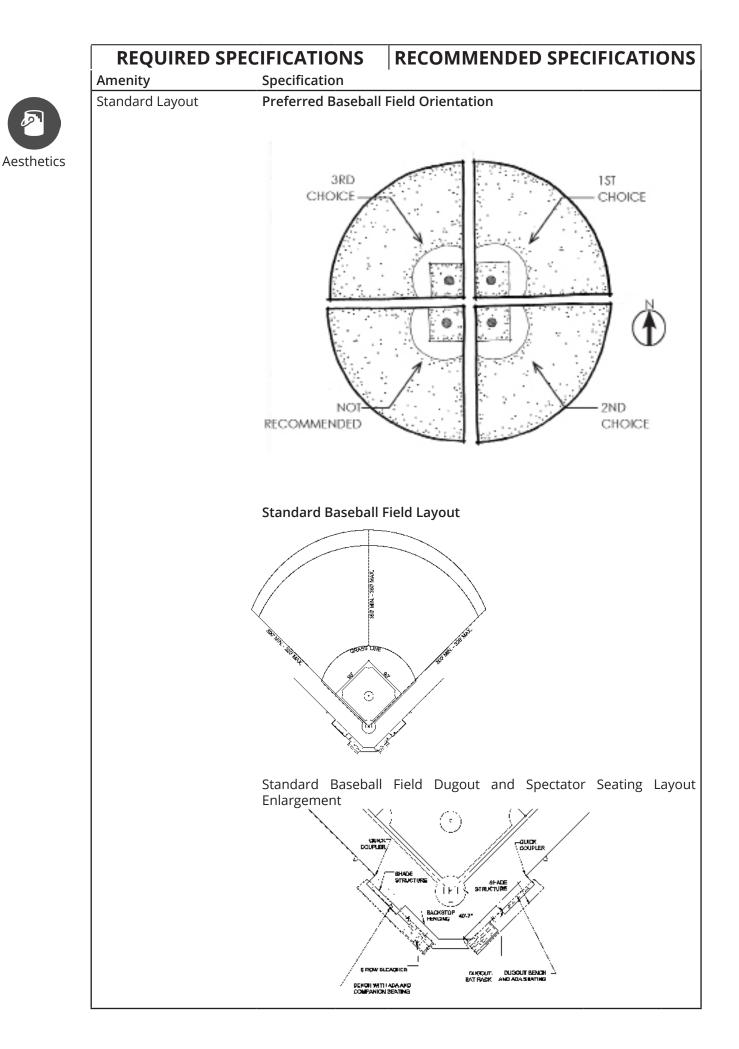
SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED L	OCATION	S	RECOMMENDED LOCATIONS			
	This outdoor facility sha of the following location required.			This outdoor facility shall b of the following locations recommended.			
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
Developed Open Space				City Park Community Park Special Use Park		1+ 1+ 1+	
Outdoor Facilities				Sports Complex		2+	
	REQUIRED SPE	CIFICATIC	ONS	RECOMMENDED SPE	CIFICATI	ONS	
	The following are specifications are required for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of adult baseball fields must receive prior written authorization from the DPARD.			 (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD f provides the residents of the City of Denton. Any 			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities				Parking Lot		1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
ß	Directional Signs/maps Quaternary Destination Signs		1+ 1+	Primary Destination Signs Informational Signs Mobile Applications		1+ 1+	
Communication/	Informational Signs		55N	Memorial Markers		1+	
Wayfinding	Field Numbers ADA Parking Spaces		PRN TBD	Donor/Naming Rights Signs Reservations		1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site	Bleachers Players Bench		2 2	Bike Rack Drinking Fountains		1 1	
Furnishing							

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity Reference	e Rec.		
Î	Receptacles		2				
Pollution Control							
	Amenity	Reference	Min.	Amenity Reference	e Rec.		
	Scoreboards Electrical Outlets Backstops		1+ 1+ 1+				
Recreational Support							
	Amenity	Reference	Min.	Amenity Reference	e Rec.		
کې۔ Safety &	Security Lights High Mast Lighting		1+ 8+	Bollards Tree Grates Mid Mast Lighting Low Mast Lighting	1+ 1+ 1+ 1+		
Security							
	Amenity	Specificatio	0				
×	Buffer	with a low p	blaned bเ	n from pedestrian/vehicular circulation rou uffer. May include trees however no visual en 36" and 84" vertically	tes		
Landscape	Trees		Provide shade trees along the perimeters of the field, this will enhance aesthetics and mitigate light/noise pollution				
	Amenity	Specificatio	n				
P	Markings						
Aesthetics	Color						
	Dimensions/Acreage						



X.X FIELDS: BASEBALL (YOUTH)

OVERVIEW

Acronym/Abbreviation: BBFY

The design, development, preservation and enhancement of all Youth Baseball fields in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of youth baseball fields are to provide an enclosure and playing surface for specific recreational activities for youth.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
 - control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
	This outdoor facility sha of the following location required.			This outdoor facility shall be located a of the following locations in the qu recommended.			
	Amenity	Amenity	Min.	Amenity Reference	Rec.		
Developed Open Space				City Park Community Park Special Use Park	4+ 4+ 1+		
Outdoor Facilities				Sports Complex	2+		
	REQUIRED SPEC	CIFICATIO	ONS	RECOMMENDED SPECIFICATI	ONS		
	The following are specifications are required for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of youth baseball fields must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/ recommended specifications herein must received prior written authorization from the DPARD.			
	Amenity	Reference	Min.	Amenity Reference			
Outdoor Facilities				Parking Lot	1+		
	Amenity	Reference	Min.	Amenity Reference			
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Field Numbers ADA Parking Spaces		1+ 1+ PRN TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations	1+ 1+ 1+ 1+ 1+		
	Amenity	Reference	Min.	Amenity Reference	e Rec.		
Site Furnishing	Bleachers Players Bench		2 2				

	A
	R
Pollution Control	
	Δ



Recreational Support

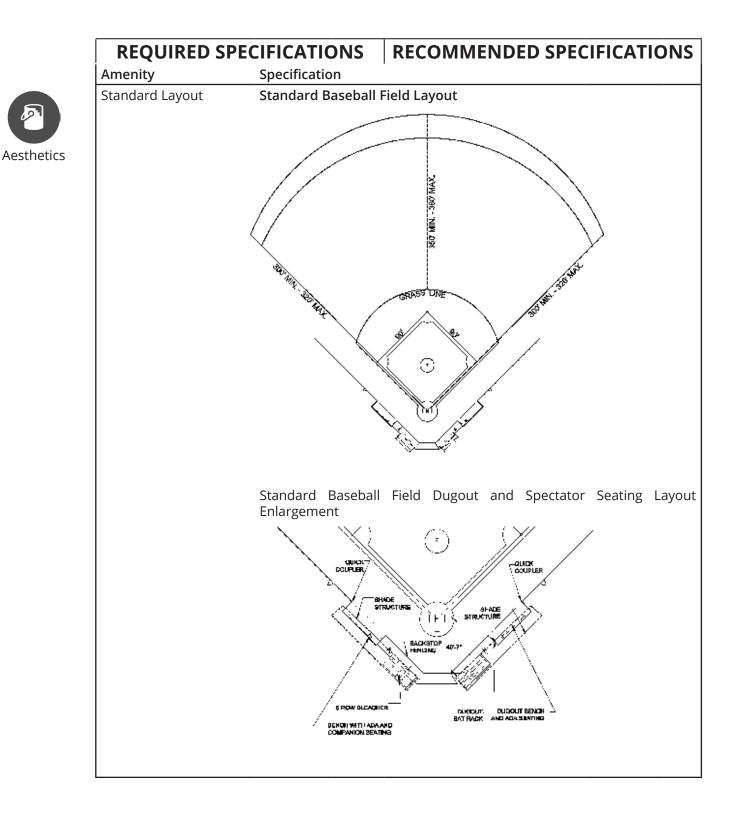


Safety & Security





REQUIRED SPE			RECOMMENDED SPECIFICATIO			
Amenity	Reference	Min.	Amenity Reference	Rec		
Receptacles		2				
Amenity	Reference	Min.	Amenity Reference	Rec		
Scoreboards	Reference	1+	Kelerence	Rec		
Electrical Outlets		1+ 1+				
Backstops		1+				
Amerita	Deference	Min	Amonitu	Dec		
Amenity	Reference	Min.	Amenity Reference	Rec		
Security Lights High Mast Lighting		1+ 8+	Bollards Tree Grates	1+ 1+		
There was clering		01	Mid Mast Lighting	1+		
			Low Mast Lighting	1+		
Amenity	Specificatio	on	1			
Buffer	-		n from pedestrian/vehicular circulation routes	s with		
	a low plane	d buffer.	May include trees however no visual obstru			
	between 36	5" and 84	" vertically			
Trees	Provide sha	nde trees	along the perimeters of the field, this will enl	hance		
11665			ate light/noise pollution	nunce		
Amenity	Specificatio					
Markings			nalked/painted prior to practice/games. Perm be used on synthetic turf.	anent		
		igs shall	be used on synthetic turn.			
Color	Black: chain link fencing around multi-purpose courts (black vinyl					
	coated)	fing on a	lugavita and chada atrivitivitas			
			lugouts and shade structures s and seamless metal			
			l for boundary lines and text/graphics on sigr	nage		
Dimensions/Acreage				0		
	Little Leagu					
	Left Field: 1 Center Fiel					
	Baseline: 6					
	Minimum A		3 acres			
Standard Layout						
	3RD		151			
	CHOICE		CHOICE			
	<u>N. (</u>	<u>য় দিনের</u> দি তাহার্টের বি				
		A BARA				
		1				
	NOT		2ND			
R	ECOMMENDED		CHOICE			



X.X FIELDS: FOOTBALL

OVERVIEW

Acronym/Abbreviation: FBF

The design, development, preservation and enhancement of all football fields in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of football fields are to provide a playing surface for specific recreational activities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
	of the following locations in the quantities						
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
Developed Open Space				City Park Community Park Special Use Park		1+ 1+ 1+	
	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPEC	CIFICATIO	ONS	
	The following are specifications are required for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of football fields must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities				Parking Lot		1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Field Numbers ADA Parking Spaces		1+ 1+ PRN TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations		1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Bleachers Players Bench		2 2	Bike Rack Drinking Fountains		1 1	
Site Furnishing							

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	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
	Amenity	Reference	Min.	Amenity Reference	Rec.	
æ	Receptacles		2			
Pollution Control						
	Amenity	Reference	Min.	Amenity Reference	Rec.	
	Scoreboards Electrical Outlets		1+ 1+			
	Football Goals		1+			
Recreational						
Support						
_	Amenity	Reference	Min.	Amenity Reference	Rec.	
×	Security Lights Fencing		1+ PRN	Bollards Tree Grates	1+ 1+	
ŢŢ				High Mast Lighting	1+	
Safety &				Mid Mast Lighting Low Mast Lighting	1+	
Security						
	Amenity	Specificatio	n			
	Buffer			from pedestrian/vehicular circulation rout	es	
Y	with a low planed buffer. May include trees however no vis obstructions between 36" and 84" vertically					
Landscape	Trees			along the perimeters of the field, this will and mitigate light/noise pollution		
	Amenity	Specificatio	n			
P	Markings			alked/painted prior to practice/games. kings shall be used on synthetic turf.		
Aasthatics	Color		n link fen	cing around multi-purpose courts (black vir	ıyl	
Aesthetics		coated)	fing on d	ugouts and shade structures		
		Blue: Tensil	e shades	and seamless metal		
	Dimensions/Acreage	White: shall	l be used	for boundary lines and text/graphics on sig	nage	
	Dimensions/Acreage					
	Standard Layout	Preferred F	ootball F	ield Orientation		
			09			
	01 0	40 30 5	05	40 50 30 40		
			1 1111			
	10 2	0 30 40		40 30 20 10		
					10	

X.X FIELDS: MULTI-PURPOSE FIELD

OVERVIEW

Acronym/Abbreviation: MPF

The design, development, preservation and enhancement of all multi-purpose fields in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of multi-purpose fields are to provide a playing surface for specific recreational activities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
	This outdoor facility s of the following locat required.						
	Amenity	Amenity	Min.	Amenity Reference	Rec.		
Developed	City Park Community Park		1+ 1+	Neighborhood Park Special use Park	1+ 1+		
Open Space							
	REQUIRED SP	ECIFICATI	ONS	RECOMMENDED SPECIFICATIO	ONS		
	The following are spec for this classifications order to maintain the DPARD provides the of Denton. Any and a required specificatior of multi-purpose fiel written authorization	of outdoor factorial of outdoor factorial for the service of the s	cilities in ce (LOS) the City is to the lopment ve prior	The following specifications are recomm (not required) for this classifications of an of facility to assist in the equitable distribution in turn assist in maintaining/enhancing the of service (LOS) DPARD provides the re of the City of Denton. Any and all amenit specifically identified in the required/recomm specifications herein must received prior authorization from the DPARD.	utdoor which e level sidents ies not nended		
	Amenity	Reference	Min.	Amenity Reference	Rec.		
Site Furnishing	Bleachers		2 2				
runnsning	Amenity	Reference	Min.	Amenity Reference	Rec.		
Pollution Control	Receptacles		2				
	Amenity	Reference	Min.	Amenity Reference	Rec.		
Recreational Support	Football Goals Rugby Goals Soccer Goals Backstops		1+ 1+ 1+ 1+				
	Amenity	Reference	Min.	Amenity Reference	Rec.		
Safety & Security				Security Lights High Mast Lighting Mid Mast Lighting Low Mast Lighting	1+ 1+ 1+ 1+		

	REQUIRED SPE	CIFICATIONS	RECOMMENDED SPECIFICATIONS
	Amenity	Specification	
×	Buffer		from pedestrian/vehicular circulation routes with May include trees however no visual obstructions vertically
Landscape	Trees		along the perimeters of the field, this will enhance ate light/noise pollution
	Amenity	Specification	
P	Markings		alked/painted prior to practice/games. Permanent be used on synthetic turf.
Aesthetics	Color	coated) Green: Roofing on de Blue: Tensile shades	ting around multi-purpose courts (black vinyl ugouts and shade structures and seamless metal for boundary lines and text/graphics on signage
	Dimensions/Acreage		This will accommodate an adult sized field and a true
	Standard Layout	rugby neid	

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X.X FIELDS: RUGBY

OVERVIEW

Acronym/Abbreviation: RF

The design, development, preservation and enhancement of all rugby fields in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of rugby fields are to provide a playing surface for specific recreational activities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LC	OCATION	S	RECOMMENDED LO	CATION	S
	This outdoor facility shal of the following location required.			This outdoor facility shall be locat following locations in the quantitie		
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
Developed Open Space				City Park Community Park Neighborhood Park		1+ 1+ 1+
	REQUIRED SPEC	CIFICATIO	ONS	RECOMMENDED SPECI	FICATIO	NS
	The following are specifi for this classifications of order to maintain the le DPARD provides the re of Denton. Any and all required specifications i of rugby fields must r authorization from the DI	outdoor fac evel of servic sidents of t modifications in the devel eceive prior	ilities in ce (LOS) the City s to the opment		ons of an out listribution v nancing the es the resid nd all ame the reque ein must rec	tdoor which level dents nities uired/
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Field Numbers ADA Parking Spaces		1+ 1+ PRN TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations		1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishing	Bleachers		2 2			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Pollution Control	Receptacles		2			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Electrical Outlets Rugby Goals		1+ 2+			
Recreational Support						

Amenity Reference High Mast Lighting Mid Mast Lighting Jow Mast Lighting Jow Mast Lighting Trom pedestrian/vehicular circulation routes w May include trees however no visual obstruct vertically Iong the perimeters of the field, this will enhage ight/noise pollution
Mid Mast Lighting Low Mast Lighting From pedestrian/vehicular circulation routes w May include trees however no visual obstruct vertically long the perimeters of the field, this will enha
rom pedestrian/vehicular circulation routes v May include trees however no visual obstruct vertically long the perimeters of the field, this will enha
May include trees however no visual obstruct vertically long the perimeters of the field, this will enha
May include trees however no visual obstruct vertically long the perimeters of the field, this will enha
May include trees however no visual obstruct vertically long the perimeters of the field, this will enha
lked/painted prior to practice/games. Permar e used on synthetic turf.
ng around rugby fields (black vinyl coated) gouts and shade structures and seamless metal or boundary lines and text/graphics on signa

X.X FIELDS: SOCCER (ADULT)

OVERVIEW

Acronym/Abbreviation: SFA

The design, development, preservation and enhancement of all Adult Soccer fields in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of adult soccer fields are to provide a playing surface for specific recreational activities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	This outdoor facility sha of the following locatio required.			This outdoor facility shall be located a of the following locations in the quarecommended.		
	Amenity	Amenity	Min.	Amenity Reference	Rec.	
Developed Open Space				City Park Community Park Special Use Park	1+ 1+ 1+	
R				Sports Complex	2+	
Outdoor Facilities						
	REQUIRED SPE	CIFICATIO	DNS	RECOMMENDED SPECIFICATI	ONS	
	The following are specifications are required for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of adult soccer fields must receive prior written authorization from the DPARD.		 (not required) for this classifications of an outdoo facility to assist in the equitable distribution which in turn assist in maintaining/enhancing the level o service (LOS) DPARD provides the residents of the f City of Denton. Any and all amenities not specifically 			
	Amenity	Reference	Min.	Amenity Reference	Rec.	
Outdoor Facilities				Parking Lot	1	
	Amenity	Reference	Min.	Amenity Reference	Rec.	
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Field Numbers ADA Parking Spaces		1+ 1+ PRN TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations	1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity Reference	Rec.	
Site	Bleachers Players		2 2			
Furnishing						

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Pollution Control



Recreational Support



Safety & Security



REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATIO	DNS		
Amenity	Reference	Min.	Amenity	Reference	Rec.		
Receptacles		2					
Amenity	Reference	Min.	Amenity	Reference	Rec.		
Electrical Outlets		1+	Soccer Goals		2+		
Amenity	Reference	Min.	Amenity	Reference	Rec.		
High Mast Lighting		4+	Mid Mast Lighting		1+		
Security Lights		1+	Low Mast Lighting		1+		
Fencing		PRN					
Amenity	Specificatio	n					
Buffer	Provide a se	eparatior d buffer.	n from pedestrian/vehicular circu May include trees however no v ' vertically				
Trees	Provide shade trees along the perimeters of the field, this will enhance aesthetics and mitigate light/noise pollution						
Drainage	Fields shall	have a 29	% max slope for positive drainag	e			
Grading	Native soil fields that will surface drain shall have a minimum slope of one and one half percent measured from center to side, center of field is the highest point						

	REQUIRED SPE	CIFICATIONS	RECOMMENDED SPECIFICATIONS
	Amenity	Specification	
P	Marking		alked/painted prior to practice/games. Permanent be used on synthetic turf.
Aesthetics	Spacing	a) multiple courts, si space between cour	de by side or end to end, shall have a minimum ts of 20'
		10' minimum withou	area of 20' in width around the court's perimeter, it trees/shrubs (measured from maximum perms, planters, vehicular/pedestrian routes of r light standards
	Color	Green: surfacing and Blue: surfacing and t	cing around soccer fields (black vinyl coated) d the background on signage the background on signage for boundary lines and text/graphics on signage
	Dimensions/Acreage	Adult Soccer Field Field Dimensions: 2 Minimum Acreage:	
	Standard Layout	Preferred Soccer Fie	eld Orientation

X.X FIELDS: SOCCER (YOUTH)

OVERVIEW

Acronym/Abbreviation: SFA

The design, development, preservation and enhancement of all Youth Soccer fields in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of adult soccer fields are to provide a playing surface for specific recreational activities for youth.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LC	OCATION	S	RECOMMENDED LOCATIONS			
	This outdoor facility shal of the following location required.			This outdoor facility shall be of the following locations i recommended.			
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
Developed Open Space				City Park Community Park Special Use Park		2+ 2+ 1+	
Outdoor Facilities				Sports Complex		2+	
	REQUIRED SPEC	CIFICATIO	ONS	RECOMMENDED SPEC	CIFICATIO)NS	
	The following are specifi for this classifications of order to maintain the le DPARD provides the re of Denton. Any and all required specifications in youth soccer fields must authorization from the D	outdoor fac evel of servic esidents of t modifications the develop receive prior PARD.	ilities in ce (LOS) the City s to the ment of written	The following specifications a (not required) for this clas outdoor facility to assist i distribution which in turn assi enhancing the level of serv provides the residents of the C and all amenities not specifical required/recommended spec must received prior written a the DPARD.	sifications of n the equ st in mainta ice (LOS) D ity of Dentor ly identified ifications h uthorization	of an itable ining/ PARD n. Any in the nerein from	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities				Parking Lot		1	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Field Numbers ADA Parking Spaces		1+ 1+ PRN TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations		1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishing	Bleachers Players		2 2				
6							

Pollution Control

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Recreational Support



Safety & Security



REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS					
Amenity	Reference	Min.	Amenity	Reference	Rec.			
Receptacles		2						
Amenity	Reference	Min.	Amenity	Reference	Rec.			
Electrical Outlets		1+	Soccer Goals		2+			
Amenity	Reference	Min.	Amenity	Reference	Rec.			
High Mast Lighting Security Lights Fencing		4+ 1+ PRN	Mid Mast Lighting Low Mast Lighting		1+ 1+			
Amenity	Specificatio	on	1					
Buffer		d buffer.	n from pedestrian/vehicular circu May include trees however no v ' vertically					
Trees	Provide shade trees along the perimeters of the field, this will enhance aesthetics and mitigate light/noise pollution							
Drainage	Fields shall	have a 2º	% max slope for positive drainag	e				
Grading	one and on	Native soil fields that will surface drain shall have a minimum slope of one and one half percent measured from center to side, center of field is the highest point						

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	REQUIRED SPEC	CIFICATIONS	RECOMMENDED SPECIFICATIONS
	Amenity	Specification	
P	Marking		alked/painted prior to practice/games. Permanent be used on synthetic turf.
Aesthetics	Spacing	a) multiple courts, sig space between court	de by side or end to end, shall have a minimum ts of 20'
		10' minimum withou	area of 20' in width around the court's perimeter, at trees/shrubs (measured from maximum perms, planters, vehicular/pedestrian routes of r light standards
	Color	Green: surfacing and Blue: surfacing and t	cing around soccer fields (black vinyl coated) d the background on signage the background on signage for boundary lines and text/graphics on signage
	Dimensions/Acreage	Youth Soccer Field (Field Dimensions: Minimum Acreage: .	
	Standard Layout	Preferred Soccer Fie	eld Orientation
		~	- 300'MAX
			TO BE 4"-5" WIDE
	390' 300'		
	5.06	- 30' + 54' -	R30' ENALTY AREA 54' CORNER MARK 8' IN HEIGHT BY 14' IN WIDTH 5' IN DEPTH
	Exh	ibit 22: Soccer Field - Standard Lay	γουτ

X.X FIELDS: SOFTBALL FIELDS (ADULT)

OVERVIEW

Acronym/Abbreviation: SBFA

The design, development, preservation and enhancement of all Adult Soft fields in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of adult soccer fields are to provide a playing surface for specific recreational activities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

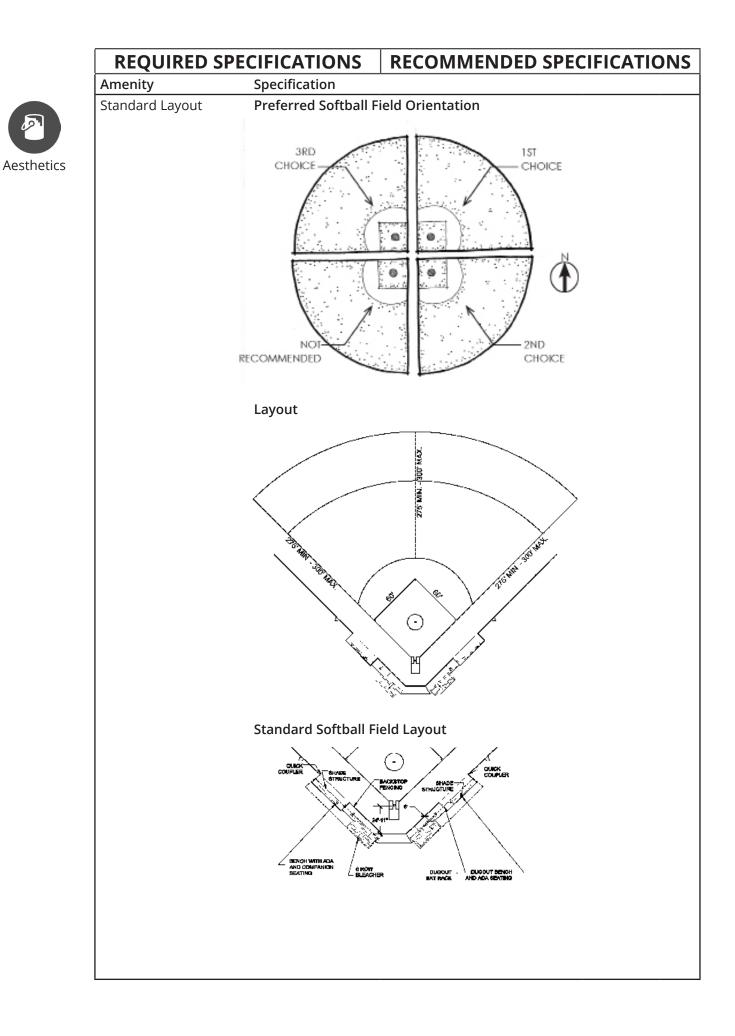
- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED L	OCATION	IS	RECOMMENDED LO	OCATION	S
	This outdoor facility sha of the following locatic required.			This outdoor facility shall be loc following locations in the quantit		
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
Developed Open Space				City Park Community Park Special Use Park		2+ 2+ 1+
				Sports Complex		2+
Outdoor Facilities						
Outdoor Facilities						
	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPEC		
	The following are specifications are required for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of adult softball fields must receive prior written authorization from the DPARD.			 (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents t of the City of Denton. Any and all amenities 		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities				Parking Lot		1
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Field Numbers ADA Parking Spaces		1+ 1+ PRN TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations		1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishing	Bleachers Players		2 2			

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Receptacles		2			
Pollution Control						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Electrical Outlets Scoreboards		1+ 1+			
Recreational Support						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
-¿Ďţ-	High Mast Lighting Security Lights Fencing		6+ 1+ PRN	Mid Mast Lighting Low Mast Lighting		1+ 1+
Safety & Security						
	Amenity	Specificatio	n			
×	Buffer	Provide a separation from pedestrian/vehicular circulation routes with a low planed buffer. May include trees however no visual obstructions between 36" and 84" vertically				
Landscape	Trees			along the perimeters of the field, ate light/noise pollution	, this will enh	nance

REQUIRED SPI	CIFICATIONS	RECOMMENDED SPECIFICATIONS
Amenity	Specification	
Marking		alked/painted prior to practice/games. Permanent pe used on synthetic turf.
Spacing	a) multiple courts, si space between court	de by side or end to end, shall have a minimum ts of 20'
	10' minimum withou	area of 20' in width around the court's perimeter, t trees/shrubs (measured from maximum perms, planters, vehicular/pedestrian routes of r light standards
Color	Green: surfacing and Blue: surfacing and t	cing around softball fields (black vinyl coated) I the background on signage The background on signage for boundary lines and text/graphics on signage
Dimensions/Acreage	Adult Slow Pitch Left Field: 265' Center Field: 315' Baseline: 65' Minimum Acreage: 2	2 Acres
	College Left Field: 190' Center Field: 220' Baseline: 60' Minimum Acreage: 2	2 Acres
	High School Left Field: 200' Center Field: 225' Baseline: 60' Minimum Acreage: 2	2 Acres
	Adult Left Field: 200' Center Field: 250' Baseline: 60' Minimum Acreage: 2	2 Acres

Aesthetics



X.X FIELDS: SOFTBALL FIELDS (YOUTH)

OVERVIEW

Acronym/Abbreviation: SBFY

The design, development, preservation and enhancement of all Adult Soft fields in the DPARD system shall comply with the following required and/or recommended specifications.

OVERVIEW

Acronym/Abbreviation: SBFY

The design, development, preservation and enhancement of all Adult Soft fields in the DPARD system shall comply with the following required and/ or recommended specifications.

FUNCTION

The primary function of adult soccer fields are to provide a playing surface for specific recreational activities youth.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

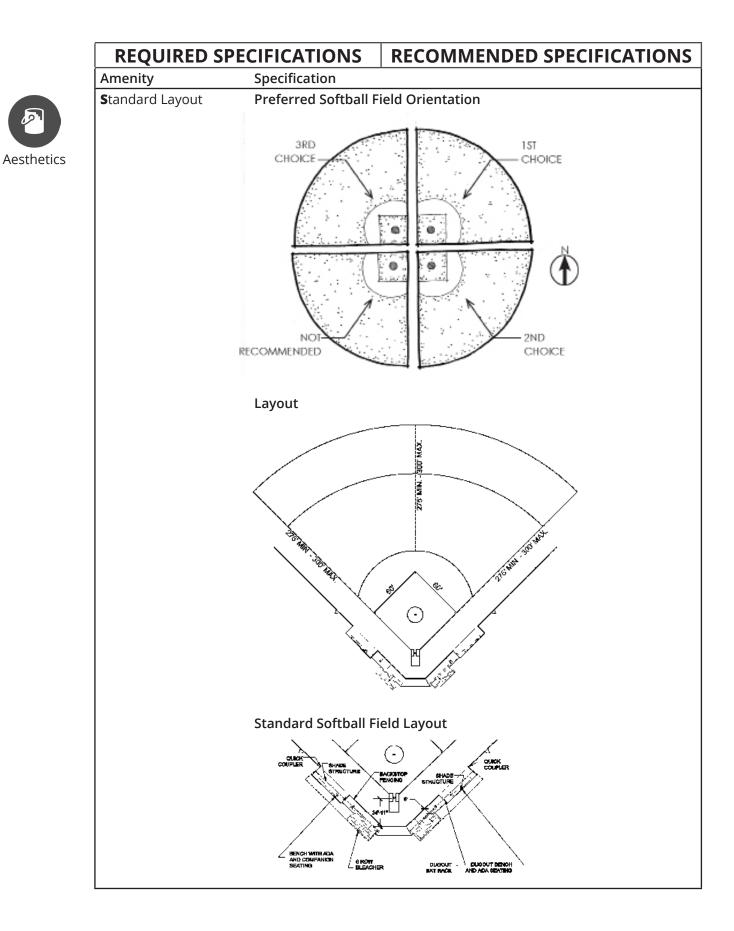
1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/ control of facilities

- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED L	OCATION	IS	RECOMMENDED LOCA	TION	S
	This outdoor facility sho of the following location required.			This outdoor facility shall be located following locations in the quantities re		
	Amenity	Amenity	Min.	Amenity Refe	erence	Rec.
Developed Open Space				City Park Community Park Special Use Park		4+ 4+ 1+
Outdoor Facilities				Sports Complex		2+
	REQUIRED SPE			RECOMMENDED SPECIFI		
	REQUIRED SPE	CIFICATIO		RECOMMENDED SPECIFIC	CATIO	
	for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of youth softball fields must receive prior written authorization from the DPARD.			 (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically 		
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.
Outdoor Facilities				Parking Lot		1
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Field Numbers ADA Parking Spaces		1+ 1+ PRN TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations		1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.
Site	Bleachers Players		2 2			
	Amenity	Reference	Min.	Amenity Refe	erence	Rec.

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
-	Receptacles		2				
Ш							
Pollution Control							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Electrical Outlets	Reference	1+	, and they	Reference		
	Scoreboards		1+				
Recreational Support							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
÷Ų.	High Mast Lighting Security Lights Fencing		6+ 1+ PRN	Mid Mast Lighting Low Mast Lighting		1+ 1+	
Safety & Security							
	Amenity	Specificatio	n				
×	Buffer		d buffer.	from pedestrian/vehicular circu May include trees however no v vertically			
Landscape	Trees			along the perimeters of the field ate light/noise pollution	, this will enh	ance	
	Amenity	Specificatio	n				
P	Marking			alked/painted prior to practice/g be used on synthetic turf.	ames. Perma	inent	
Aesthetics	Spacing	a) multiple o space betwo	-	de by side or end to end, shall ha ts of 20'	ive a minimu	m	
		b) there shall be an area of 20' in width around the court's perimeter, 10' minimum without trees/shrubs (measured from maximum potential drip line), berms, planters, vehicular/pedestrian routes of travel 9hardscape) or light standards					
	Color	Green: surf Blue: surfac	acing and ting and t	cing around softball fields (black l the background on signage he background on signage for boundary lines and text/grag	-		
	Dimensions/Acreage	Youth 10 & Left Field: 1 Center Field Baseline: 5 Minimum A	50′ d: 175′ 5′	2 Acres			



X.X PARKING LOTS

OVERVIEW

Acronym/Abbreviation: PL

The design, development, preservation and enhancement of all pavilions in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of parking lots are to provide an enclosure and surface for specific recreational activities.

SERVICE AREA

Pedestrian/Cyclists:

Serve patrons within the immediate neighborhoods however, access is anted to any residents within the city.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/ control of facilities
 C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	This outdoor facility shall be located at each of the following locations in the quantities required.					
	Amenity	Amenity	Min. (stalls)	Amenity Re	eference	Rec. (stalls)
Developed Open Space	City Park Community Park Preserve Special Use Park		100+ 40+ 20+ 20+	Neighborhood Park		10+
Indoor Facilities	Community Center Recreation Center Senior Center Gymnastic Center Indoor Ice Rink Indoor Sports Complex Nature Center Natatorium Water Park		1 1 1 1 1 1 1 1 1			
Outdoor Facilities	Swimmings Pools Sprayground Sports Complex		1 1 1+	Amphitheater Community Gardens Disc Golf Course Driving Range Baseball Fields Football Fields Soccer Fields Softball Fields Bike Park Dog Park Skate Park		1 1 1 1 1 1 1 1 1 1 1

				RECOMMENDED SPE		
	REQUIRED SPE	CIFICATI		RECOMMENDED SPE	CIFICATIO	
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	Amenity	Specificatio	ns			
Circulation	Access Management	Managemer All park dev	nt princip elopmen	nt shall provide access that con bals of location, spacing and sh it shall provide adequate stack ities entrances.	aring of curb	o cuts.
	Ingress/Egress			barking area should be conside lora and wayfinding included.	red an entrai	nce to
	Internal Pedestrian Circulation	circulation v	ots with 100 spaces or more shall provide adequate pedestrian on within the parking lot. Pedestrian walkways shall be directly indoor/outdoor facility entrances. (a drop off / pickup zone			
	Internal Vehicular Circulation		culation	shall be well defined by use	of end cap	s and
	Scale Permeability	areas and c in width, or facility.	livided b by a bui	0 spaces or more shall be div y landscaped areas or walkwa lding, group of buildings or ou required of those parking spa	ys at least 1 Itdoor recrea	0 feet tional
		•		paces required.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding	Quaternary Destination Signs Informational Signs Hours of Operation Reserved/Numbered Spaces ADA Parking Spaces		1+ 1+ PRN PRN	Primary Destination Signs Informational Signs Donor/Naming Rights Signs Reservations		1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Receptacles		2			
Pollution Control						

Recreational Support



Safety & Security



Aesthetics

REQUIRED SPI			RECOMMENDED SPECIFICATIONS									
Amenity	Reference	Min.	Amenity	Reference	Rec							
Electrical Outlets Scoreboards		1+ 1+										
Amenity	Reference	Min.	Amenity	Reference	Rec							
Security Lights		1+	Bollards		1+							
			Tree Grates		1+							
			High Mast Lighting		1+ 1+							
			Mid Mast Lighting Low Mast Lighting		1+ 1+							
			Low Mast Lighting									
Amenity	Specificatio	ons										
Landscape (General)	A minimum	of 7% of	the total parking area shal	l be landscaped.								
	A minimum canopy.	n of 15%	of the required parking sh	all be covered b	y tre							
	The landscaped areas shall be evenly distributed throughout parking area and planted with trees, shrubs and/or ground cover.											
Screening	Parking Lots shall be screened along the perimeter with one large tree for every 40 linear feet at a minimum. Trees may be planted in turf or planting bed. If planting bed is used, it must be a minimum of 10' wide.											
	Note: Plant an appropriate amount of trees to screen views and mitigate noise pollution between adjacent spaces. Choose carefully between deciduous and evergreen so that foliage will screen at the appropriate times of year. In the area surrounding the parking lot plant trees where a minimum of 60% of the total area is in the sun ar any one time for proper turf growth.											
Turf	(Required) ı	must con	ply with guidelines									
	Note: A landscaped open space, at least 5 feet wide and a depth equator to the adjacent parking space shall be provided so that there are n more than 10 parking spaces in a continuous row. At least one treshall be planted and maintained in each open space. Adequate roor shall be provided for maintenance to be performed safely, out of the vehicular /pedestrian conflict zone.											
Amenity	Specificatio	ons										
Color	Blue: ADA r											
			, Parking Lot markings									
					Red: Parking Lot Markings							
	Yellow: Par	κιησι∩Γί										
			viai kiiigs									

X.X PAVILION

OVERVIEW

Acronym/Abbreviation: PVL

The design, development, preservation and enhancement of all pavilions in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of pavilions are to provide an enclosure and surface for specific recreational activities.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATIONS

Amenity

RECOMMENDED LOCATIONS

Reference

Rec.

This outdoor facility shall be located at each of the following locations in the quantities required. This outdoor facility shall be located at each of the following locations in the quantities recommended.

Min.

Amenity



Amenity

Open Space

Outdoor Facilities

Tertiary Destination1Informational SignsSigns1Outdoor Bulletin Signs1-QuaternaryMobile Applications1-Destination SignsMemorial Markers1-Informational SignsPRNDonor/Naming Rights Signs1-Shelter NumbersInformations1-	,				
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	The following are specified of this classifications of order to maintain the DPARD provides the restricted of Denton. Any and all required specifications of pavilions must restricted of the specification from the authorization from the Amenity Tertiary Destination Signs Quaternary Destination Signs Informational Signs	of outdoor fac level of servi- residents of modification in the devel eceive prior DPARD. Reference	cilities in ce (LOS) the City is to the lopment written Min. 1 1 PRN	(not required) for this classifications outdoor facility to assist in the e distribution which in turn assist in mair enhancing the level of service (LOS) provides the residents of the City of Dem and all amenities not specifically identifier required/recommended specifications must received prior written authorization the DPARD. Amenity Reference Informational Signs Outdoor Bulletin Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations	of a quitab itainin DPAR ton. Ar ed in th here on fro e Ree 1+ 1+ 1+ 1+ 1+ 1+ 1+
	The following are specified of this classifications of order to maintain the DPARD provides the restrictions of Denton. Any and all required specifications of pavilions must restricted of the pavili	of outdoor fac level of servi- residents of modification in the devel eceive prior DPARD. Reference	cilities in ce (LOS) the City is to the lopment written Min. Min. Min.	(not required) for this classifications outdoor facility to assist in the e distribution which in turn assist in mair enhancing the level of service (LOS) provides the residents of the City of Dem and all amenities not specifically identifier required/recommended specifications must received prior written authorization the DPARD.AmenityReferenceInformational Signs Outdoor Bulletin Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs ReservationsReferenceAmenityReferenceAmenityReferenceDrinking FountainsReference	of a quitabl itaining DPAR ton. An ed in th herei on fror e Rec 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+





	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Receptacles		2	Receptacles		4+	
Pollution Control							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Electrical Outlets		1+				
Recreational Support							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
-ČŲ́-	Security Lights		1+	Mid Mast Lighting Low Mast Lighting Canopy Lighting		1+ 1+ 1+	
Safety & Security							
	Amenity	Specificatio	ns				
Aesthetics	Color Construction	All pavilions shall be on a concrete pad with a minimum thickness of 6"					
	Amenity	Specificatio	ns				
Misc.	Warranty	•		n warranty is required.			
	Life Cycle Expectations	Pavilions are anticipated to require replacement after 30 years of normal and ordinary usage.					
	Installation Notes	All pavilions shall be placed on decomposed granite or on a reinforced concrete pad. All pavilions shall be centered on the pad with the length of the pavilion parallel to the length of the pad.					
		All pavilion recommend		pe installed in accordance wit	h manufact	urer's	
		All fastener	s shall be	stainless steel.			

X.X PICNIC AREA

OVERVIEW

Acronym/Abbreviation: PA

The design, development, preservation and enhancement of all picnic areas in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of picnic areas are to identify specific areas intended to support specific recreational activities. Although all residents may use this facility, the typical users include pre-teens through adults.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
	This outdoor facility shall be located at each of the following locations in the quantities required.						
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
Developed Open Space	City Park Community Park Neighborhood Park Special Use Park		1 1 1 1	City Park Community Park Linear Park Preserve Pocket Park Special Use Park		2+ 2+ 1+ 1+ 2+	
	REQUIRED SPECIFICATIONS The following are specifications are required for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of picnic tables must receive prior written authorization from the DPARD.			RECOMMENDED SPECIFICATIONS			
				The following specifications are recommended (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishings	Picnic Tables		2				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Receptacles		2	Receptacles		4+	
Pollution Control	• •			• •			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Safety & Security				Security Lights		1+	
-	Amenity	Specificatio	ns	1			
Landscape	Turf			ply with guidelines			

X.X PLAYGROUNDS

OVERVIEW

Acronym/Abbreviation: PA

The design, development, preservation and enhancement of all playgrounds in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of playgrounds are to provide a surface and equipment for age specific recreational activities. Although all residents may use this facility, the typical users include children 2-5 and 5-12. A playground is an area designed for children to play freely. Playgrounds shall meet the needs of children of different ages and abilities.

SERVICE AREA

Pedestrian/Cyclist:

10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints

- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	This outdoor facility shall be located at each of the following locations in the quantities required.		This outdoor facility shall be located at each of the following locations in the quantities recommended.			
	Amenity	Amenity	Min.	Amenity Reference	Rec.	
Developed Open Space	City Park Community Park Neighborhood Park Special Use Park		1 1 1	City Park Community Park Linear Park Preserve Pocket Park Special Use Park	2+ 2+ 1+ 1+ 2+	
Outdoor Facilities	Sports Complex		1			
	REQUIRED SPE	CIFICATI	ONS	RECOMMENDED SPECIFICATI	ONS	
	The following are specifications are required for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of playgrounds must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.		
	Amenity	Reference	Min.	Amenity Reference	Rec.	
Communication/ Wayfinding	Quaternary Destination Signs		1	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs	1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity Reference	Rec.	
Culture & Identity	Public Art		1			
, ,	Amenity	Reference	Min.	Amenity Reference	Rec.	
Site Furnishings	Picnic Tables		2	Drinking Fountains	1	

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Î	Receptacles		2				
Pollution Control							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Safety & Security	Security Lights Fencing		1+ PRN	Mid Mast Lighting Low Mast Lighting Canopy Lighting		1+ 1+ 1+	
	Amenity	Specificatio	ns	l			
Aesthetics	Color	Black: Fencing around playgrounds, Structural elements of playground Blue: Surfacing Green: Surfacing Orange Surfacing Yellow: Surfacing Purple: Surfacing Red: Surfacing					

X.X PLAYSCAPES

OVERVIEW

Acronym/Abbreviation: PS

The design, development, preservation and enhancement of all playscapes in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of playscapes are to identify specific natural areas intended to support specific recreational activities. Although all residents may use this facility, the typical users include pre-teens through senior adults.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
	This outdoor facility sh of the following locati required.			This outdoor facility shall be of the following locations recommended.			
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
Developed Open Space	City Park Community Park Linear Park Preserve Neighborhood Park		1 1 1 1 1	Pocket Park Special Use Park		1 1	
	REQUIRED SPI	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATIO	ONS	
	for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of playscapes must receive prior written authorization from the DPARD.			n (not required) for this classifications of ar outdoor facility to assist in the equitable distribution which in turn assist in maintaining enhancing the level of service (LOS) DPARD of provides the residents of the City of Denton. Any			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Culture & Identity	Public Art		1				
Culture & Identity	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site	Benches	Reference	1	Picnic Tables Drinking Fountains		1 1	
Furnishings	• ··			A			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Receptacles		2				
Pollution Control							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
-̈̈́Q-	Security Lights Fencing		1+ PRN	Mid Mast Lighting Low Mast Lighting Canopy Lighting		1+ 1+ 1+	
Safety & Security							
	Amenity	Specificatio	ns				

REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATIONS



See Chapter xx for design standards regarding landscaping for playscapes

-Ď
Aesthetics

Amenity	Specifications
Color	Black: Fencing around playgrounds, Structural elements of playground Blue: Surfacing Green: Surfacing Orange Surfacing Yellow: Surfacing Purple: Surfacing Red: Surfacing

X.X PLAZA

OVERVIEW

Acronym/Abbreviation: PLZA

The design, development, preservation and enhancement of all plazas in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of plazas are to identify specific areas and to provide a surface that support specific recreational activities.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
		CIFICATIO	SNIS	RECOMMENDED SPEC	CIFICATIO	
	for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of plazas must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				Restrooms		1+
Indoor Facilities						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities	Pavilion	1				
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishings	Benches Bike Racks Drinking Fountains		1+ 1+ 1+	Picnic Tables		1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Î	Receptacles		2			
Pollution Control						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Electrical Outlet		1+			
Recreational support						

X.X PUTTING GREEN

OVERVIEW

Acronym/Abbreviation: PUG

The design, development, preservation and enhancement of all putting greens in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of putting greens are to provide an enclosure and surface to support specific recreational activities.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED L	OCATION	IS	RECOMMENDED LOCATIONS			
	of the following locations in the quantities			This outdoor facility shall be located at each of the following locations in the quantities recommended.			
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
Developed Open Space		-		City Park Community Park Neighborhood Park Special Use Park		1 1 1 1	
	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATIO	ONS	
	for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of putting greens must receive prior written authorization from the DPARD.			n (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD nt provides the residents of the City of Denton. Any			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities				Parking Lot		1	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Hole Numbers ADA Parking Spaces		1+ 1+ PRN TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations		1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishing	Benches		2				
0	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Î	Receptacles		2				
Pollution Control							

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity Reference	Rec.		
	Electrical Outlets		1+				
Recreational Support							
	Amenity	Reference	Min.	Amenity Reference	Rec.		
-ČŽ-	Security Lights Fencing		1+ PRN	Mid Mast Lighting Low Mast Lighting	1+ 1+		
Safety & Security							
	Amenity	Specificatio	n				
Landscape	See Chapter xx for design standards regarding landscaping for putting greens.						
	Amenity Specification						
	Color Black: Site furnishings and facilities Green: background on signage White: text/graphics on signage						
Aesthetics							

X.X SHADE STRUCTURES

OVERVIEW

Acronym/Abbreviation: SS

The design, development, preservation and enhancement of all shade structures in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of shade structures are to provide enclosure to support specific recreational activities.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIO	NS
	This outdoor facility sh of the following locat required.			This outdoor facility shall be located a of the following locations in the quarecommended.	
	Amenity	Amenity	Min.	Amenity Reference	Rec.
Developed Open Space				City Park Community Park Linear Park Preserve Neighborhood Park Pocket Park Special Use Park	1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	REQUIRED SP	ECIFICATIO	ONS	RECOMMENDED SPECIFICATI	ONS
	The following are spec for this classifications order to maintain the DPARD provides the of Denton. Any and al required specification of shade structures written authorization f	of outdoor fac level of servio residents of Il modification s in the devel must receiv	cilities in ce (LOS) the City s to the opment re prior	The following specifications are recomm (not required) for this classifications outdoor facility to assist in the eq distribution which in turn assist in maint enhancing the level of service (LOS) provides the residents of the City of Dento and all amenities not specifically identified required/recommended specifications must received prior written authorization the DPARD.	of an uitable aining/ DPARD on. Any I in the herein
	Amenity	Reference	Min.	Amenity Reference	Rec.
Communication/ Wayfinding	Tertiary Destination Signs Quaternary Destination Signs Informational Signs Shelter Numbers		1+ 1+ PRN	Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations	1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity Reference	Rec.
Site Furnishing	Benches		2		
	Amenity	Reference	Min.	Amenity Reference	Rec.
Pollution Control	Receptacles		2		
	Amenity	Specificatio	n		
	Color	•		gs and facilities	
		Green: Roo	fing on sł	nade structure ide structure, Tensile shades and seamless	metal
Aesthetics					

	Amenity	Specifications
Misc.	Warranty	A one-year minimum warranty is required.
	Life Cycle Expectations	Shade Structures are anticipated to require replacement after 30 years of normal and ordinary usage.
	Installation Notes	All shade structures shall be placed on decomposed granite or on a reinforced concrete pad. All pavilions shall be centered on the pad with the length of the pavilion parallel to the length of the pad.
		All shade structures shall be installed in accordance with manufacturer's recommendations.
		All fasteners shall be stainless steel.

X.X SPORTS COMPLEX

OVERVIEW

Acronym/Abbreviation: SPCO

The design, development, preservation and enhancement of all sports complexes in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of sports complexes are to provide a grand enclosure with multiple sports facilities to support specific recreational activities.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATIO	ONS
	for this classifications of outdoor facilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of a sports complex must receive prior written authorization from the DPARD.			(not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Concessions Restrooms		1 1+			
Indoor Facilities	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities	Parking Lots Pavilions Playground		1 1+ 1+	Baseball Fields (Adult) Baseball Fields (Youth) Soccer Fields (Adult) Soccer Fields (Youth) Softball Fields (Adult) Softball Fields (Youth)		2+ 2+ 2+ 2+ 2+ 2+ 2+ 2+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Hours of Operation ADA Parking Spaces		1+ 1+ 1+ TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Public Art		1+			
Culture & Identity	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishing	Benches Bike Racks Bleachers Drinking Fountains Flag Poles		2 1 4+ 1 1	Bike Stations		1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Pollution Control	Receptacles		2			

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity Refere	nce Re	ec.	
	Electrical Outlets		1+	Soccer Goals	2		
Recreational Support							
	Amenity	Reference	Min.	Amenity Refere	nce Re	ec.	
Safety & Security	High Mast Lighting Security Lights Fencing Amenity	Specificatio	16+ 1+ PRN	Bollards Tree Grates Mid Mast Lighting Low Mast Lighting	1+ 1+ 1+ 1+	+	
Landscape	See Chapter xx for design standards regarding landscaping for sports complexes						
	Amenity	Specificatio	n				
Aesthetics	Color Black: Chain link fencing Green: Tensile Shades and seamless metal roofing on shade structures Blue: Tensile Shades and seamless metal roofing on shade structures						
Aesthetits		white: text/	graphics	on signage and boundary lines			

X.X BIKE PARK

OVERVIEW

Acronym/Abbreviation: BP

The design, development, preservation and enhancement of all bike parks in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of bike parks is to provide a surface to support specific recreational activities.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATION	S	RECOMMENDED LOCATIONS			
				This outdoor facility shall be located at each of the following locations in the quantities recommended.			
	Amenity	Amenity	Min.	Amenity Reference	Rec.		
				City Park	1+		
				Community Park	1+		
				Linear Park	1+		
				Preserve	1+		
Developed Open Space				Special Use Park	1+		

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	for this classifications of outdoor facilities in (order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of a bike parks must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities				Restrooms		1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
A	Parking Lots Pavilions		1 1+				
Outdoor Facilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Hours of Operation ADA Parking Spaces		1+ 1+ 1+ TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Culture & Identity	Public Art		1+				
calcale a lacinity	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishing	Benches Bike Racks Bike Stations Bleachers Drinking Fountains		2 2 1 1 1	Picnic Tables		2+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Receptacles		2				
Pollution Control							

	REQUIRED SPI	ECIFICATI	ONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Electrical Outlets		1+	Soccer Goals		2	
Recreational Support							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
-ÒĢ́-	High Mast Lighting Security Lights Fencing		1+ 1+ PRN	Bollards Tree Grates Mid Mast Lighting Low Mast Lighting		1+ 1+ 1+ 1+	
Safety & Security							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
×	Electrical Service		200 amp				
Technology & Utilities							
	Amenity	Specificatio	on	<u>.</u>			
Landscape	Irrigation		1				
	Amenity	Specificatio	on	1			
Aesthetics	Color	Black: Chain link fencing Green: Tensile Shades and seamless metal roofing on shade structures Blue: Tensile Shades and seamless metal roofing on shade structures White: text/graphics on signage					

X.X DOG PARK

OVERVIEW

Acronym/Abbreviation: DP

The design, development, preservation and enhancement of all dog parks in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of a dog park is to provide an enclosure and surface to support specific recreational activities.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED L	OCATION	IS	RECOMMENDED LOCATIONS			
	This outdoor facility sha of the following locatio required.			This outdoor facility shall be located at each of the following locations in the quantities recommended.			
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
Developed Open Space		-		City Park Community Park Linear Park Nature Park Neighborhood Park Pocket Park Special Use Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPEC	CIFICATIO	ONS	
	for this classifications of outdoor facilities in (order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of a dog park must receive prior written authorization from the DPARD.			(not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				Restrooms		1+	
Indoor Facilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Ĥ.				Parking Lots Pavilions		1 1+	
Outdoor Facilities	Ann an ite	Deferre	D. d.i.e.	A	Deferre	Dee	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Hours of Operation ADA Parking Spaces		1+ 1+ 1+ TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Public Art		1+				
Culture & Identity							

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site	Benches Drinking Fountains		2 1	Picnic Tables		2+	
Furnishing							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Receptacles Dog Waste Stations		2 1+				
Pollution Control							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Electrical Outlets		1+				
Recreational Support							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Safety & Security	High Mast Lighting Security Lights Fencing		1+ 1+ PRN	Bollards Tree Grates Mid Mast Lighting Low Mast Lighting		1+ 1+ 1+ 1+	
	Amenity	Specificatio	n				
×	Irrigation Grading		1 <2%				
Landscape							
	Amenity	Specificatio					
	Color	Black: Chain link fencing Green: Tensile Shades and seamless metal roofing on shade structures Blue: Tensile Shades and seamless metal roofing on shade structures					
Aesthetics		White: text/					

X.X SKATE PARK

OVERVIEW

Acronym/Abbreviation: SP

The design, development, preservation and enhancement of all bike parks in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of skate park is to provide an enclosure and surface to support specific recreational activities.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance

Develor Oper

Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRI	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
of the following locations in the quantities required.			This outdoor facility shall be located at each of the following locations in the quantities recommended.				
Amenity	Amenity	Min.	Amenity	Reference	Rec.		
			City Park		1+		
			Community Park		1+		
			Linear Park		1+		
			Preserve		1+		
			Special Use Park		1+		

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	for this classifications of outdoor facilities in (order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of skate parks must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities				Restrooms		1+	
indoor racindes	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Î	Parking Lots Pavilions		1 1+				
Outdoor Facilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding	Directional Signs/maps Quaternary Destination Signs Informational Signs Hours of Operation ADA Parking Spaces		1+ 1+ 1+ TBD	Primary Destination Signs Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Public Art		1+				
Culture & Identity	Annenite	Deferre	D. d.i.e.	A use and the	Deferre		
Site Furnishing	Amenity Benches Bike Racks Bleachers Drinking Fountains	Reference	Min. 2 2 1 1	Amenity Picnic Tables	Reference	Rec. 2+	
0	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Receptacles		2				
Pollution Control							

	REQUIRED SPE	CIFICATI	ONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Electrical Outlets		1+	Soccer Goals		2	
Recreational Support							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Safety & Security	High Mast Lighting Security Lights Fencing		1+ 1+ PRN	Bollards Tree Grates Mid Mast Lighting Low Mast Lighting		1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
X	Electrical Service		200 amp				
Technology & Utilities							
	Amenity	Specificatio	n				
Landscape	Irrigation		1				
Landscape	Amenity	Specificatio	n				
Aesthetics	Color	Black: Chain link fencing Green: Tensile Shades and seamless metal roofing on shade structures Blue: Tensile Shades and seamless metal roofing on shade structures White: text/graphics on signage					

X.X WILD FLOWER PRAIRIE

OVERVIEW

Acronym/Abbreviation: WFP

The design, development, preservation and enhancement of all wild flower prairie in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of a wild flower prairie is for conservation and preservation supporting native flora and fauna.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
				This outdoor facility shall be located at each of the following locations in the quantities recommended.			
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
				City Park		1+	
				Community Park		1+	
				Linear Park		1+	
				Preserve		1+	
Developed Open				Special Use Park		1+	
Space							

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATIO	ONS
	for this classifications of outdoor facilities in (order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of wild flower prairies must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
ß	Directional Signs/maps Informational Signs Hours of Operation		1+ 1+	Primary Destination Signs Informational Signs Mobile Applications		1+ 1+
Communication/ Wayfinding				Interpretive Signs Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Culture & Identity	Public Art		1+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishing				Benches		2
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Safety &	Security Lights Fencing		1+ PRN			
Security						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
×	Electrical Service		200 amp			
Technology & Utilities						

X.X BOTANICAL GARDEN

OVERVIEW

Acronym/Abbreviation: BOTG

The design, development, preservation and enhancement of all botanical gardens in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of botanical gardens are education, entertainment, and beautification.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATION	S	RECOMMENDED LOCATIONS			
	of the following locations in the quantities required.			This outdoor facility shall be located at each of the following locations in the quantities recommended.			
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
				City Park		1+	
X				Community Park		1+	
				Linear Park		1+	
Developed				Preserve		1+	
Developed Open Space				Special Use Park		1+	

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
	The following are specifi for this classifications of order to maintain the le DPARD provides the re of Denton. Any and all required specifications of wild flower prairies written authorization fro	foutdoor fac evel of servic esidents of modification in the devel must receiv	tilities in ce (LOS) the City s to the opment ve prior	 (not required) for this classifications of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD t provides the residents of the City of Denton. Any 			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Ð	Directional Signs/maps Informational Signs Hours of Operation		1+ 1+	Primary Destination Signs Informational Signs Mobile Applications		1+ 1+	
Communication/ Wayfinding				Interpretive Signs Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Public Art		1+				
Culture & Identity							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
-Ď.	Fencing		PRN				
Safety & Security							

X.X LAKES/PONDS/STREAMS

OVERVIEW

Acronym/Abbreviation: LPS

The design, development, preservation and enhancement of all lakes, ponds and streams in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

primary function of lakes/ponds/streams The education, entertainment, are recreation and beautification.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATION	S	RECOMMENDED LOCATIONS			
				This outdoor facility shall be located at each of the following locations in the quantities recommended.			
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
				City Park		1+	
				Community Park		1+	
				Special Use Park		1+	
Developed							
Open							
Space							

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MULTI-USE TRAILS

The primary function of a multi-use trail is to connect major destinations and a facility that is designated for the use of pedestrian, bicycles, or other non motorized users. The primary function of a mountain bike trails are the active recreation and the enhancement of connections of major destinations to natural areas.

PADDLING TRAILS

MOUNTAIN BIKE TRAILS

EQUESTRIAN TRAILS

The primary function of equestrian trails is for the safe, [FUNCTION HERE] separated use of equestrian riders.

PEDESTRIAN ENTRANCE AT CORNERS

[FUNCTION HERE]

PEDESTRIAN ENTRANCE

MID BLOCK

VEHICLE ENTRANCE

MEDIANS

[FUNCTION HERE]

[FUNCTION HERE]

LEADWALKS

[FUNCTION HERE]

[FUNCTION HERE]

[FUNCTION HERE]

[FUNCT

BRIDGES

[FUNCTION HERE]

[FUNCTION HERE]

X.X MULTI-USE TRAILS

OVERVIEW

Acronym/Abbreviation: MUT

The design, development, preservation and enhancement of all multi use trails in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of a multi-use trail is to connect major destinations and a facility that is designated for the use of pedestrian, bicycles, or other non motorized users.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities Act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

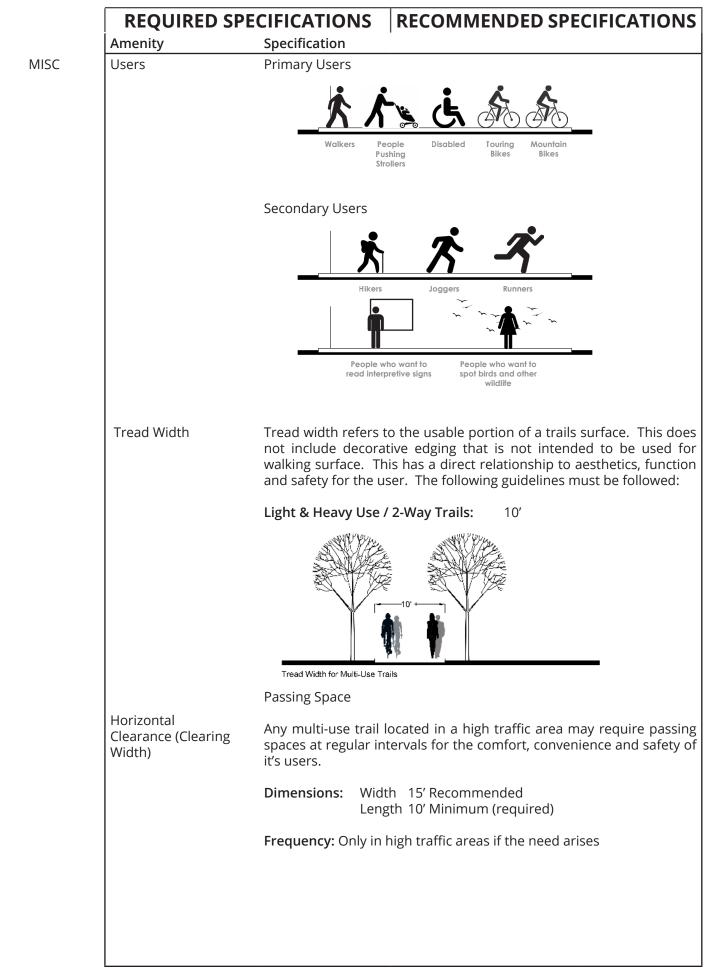
- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

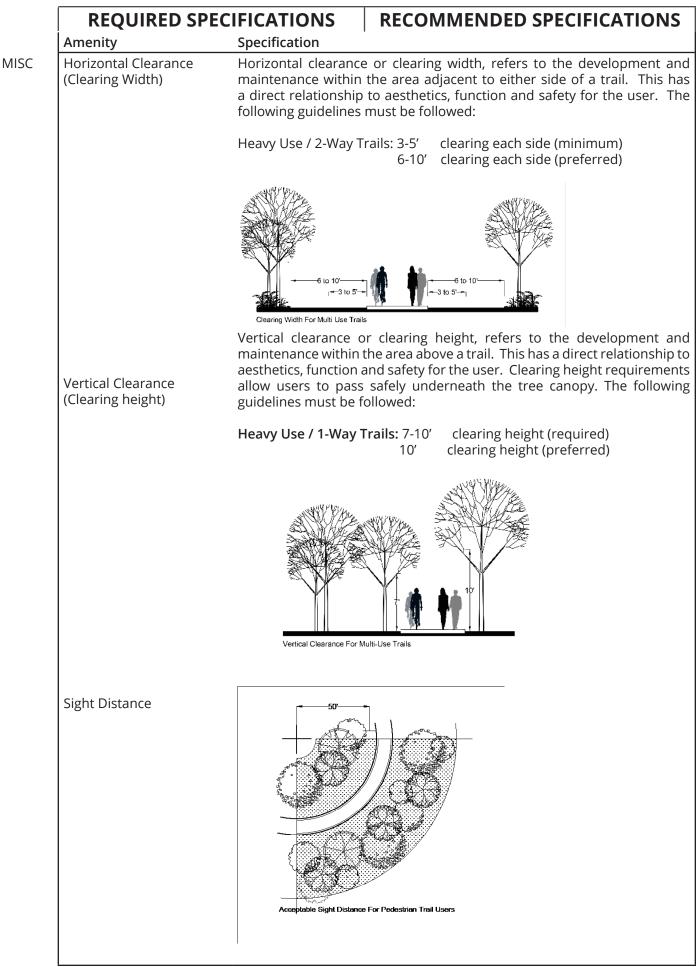
	REQUIRED L	OCATION	IS	RECOMMENDED L	OCATION	NS
	Circulation shall be loo following locations in th			Circulation shall be located at e locations in the quantities reco		lowing
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
Developed Open Space				City Park Community Park Linear Park Preserve Neighborhood Park Special Use Park Cemeteries		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATI	ONS
	The following are speci- for this classifications of in order to maintain the DPARD provides the r of Denton. Any and all required specifications of multi-use trails must authorization from the	of types of cir e level of servi residents of t modification in the devel receive prior	culation ce (LOS) the City s to the opment	The following specifications a (not required) for this classif circulation to assist in the equ which in turn assist in main the level of service (LOS) the residents of the City of all amenities not specifically required/recommended spe must received prior written a the DPARD.	ication of ty uitable distri ntaining/enh DPARD pr Denton. An identified cifications	pes of bution ancing ovides by and in the herein
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities				Restrooms		1+
Outdoor Facilities				Amphitheater Playscape Parking Pavilions Picnic Area Shade Structures		1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ Wayfinding	Primary Destination Signs		1+	Secondary Trail Markers Tertiary Trail Markers Informational Signs Outdoor Bulletin Signs Mobile Applications		1+ 1+ 1+ 1+
wayiniunig				Interpretive Signs Memorial Markers Donor/Naming Rights Signs		1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				Public Art Memorials Historical Marker		1+ 1+ 1+
Culture & Identity						

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Benches Bike Racks Bike Stations		1+ 1+ 1+	Drinking Fountains Picnic Tables		1 1
Site Furnishings						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Receptacles Dog Waste Station		1+ 1+			
Pollution Control						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Recreational				Outdoor Exercise Equipment		1
Support						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
کې۔ Safety & Security	Security Lights Trail Lights		1 1	Bollards Tree Grates Mid Mast Lighting Low Mast Lighting Security Cameras		1 1 1 1 1
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Landscape	Mowstrips		tbd			

REQUIRED SPE	CIFICATIONS	RECOMMENDED SPECIFICATIONS			
Amenity	Specification				
Design Requirements	The AASHTO guidelines are viewed as the national standard for multi use trail standards				
	Trail Width: 10′ Minimum				
Wayfinding on Trails	prohibition signs. Re outline and diagona Black: Background of yellow, or orange sig White: Background of white is used for the brown, and green sig Orange: Background Yellow: Background Yellow: Background Fluorescent Yellow school warning signs Blue: Background for Green: Background movements. Brown: Background guidance.	color on one-way signs, and the message on white gns. color for regulatory signs (except stop signs) where he message. White is the message color on blue gns, as well as stop signs. Ind color for construction and maintenance signs. Ind for warning signs (except where orange is of signs. Green: Background for pedestrian, bicycle, and			
	Text Height: Betwee	en 3 and 6 inches.			

Aesthetics





Amenity	Specification	RECOMMENDED SPECIFICATIO	
Grading & Drainage	Grade changes s Trails should be v	nould be kept to a minimum to maximize accessil vell graded and groomed to avoid bumps, hidden h tions or hazards for safe and comfortable walkir	
	Rest areas are red	quired after any segment over a 5% grade.	
	Continuous pitch	 <3% ideal grade 1-3% preferred 5-10% maximum sustained 	
	Short pitch max:	5%-10% maximum slope of 10%	
	Max pitch densit	y: 0%-20% of trail	
	Target cross slop	e: 1%-2%	
	Maximum cross	ope:2% paved the maximum allowable cross slope is 2% if concrete surface is used 5% unpaved	
ADA	recreational trail	uidelines for sidewalks. For example, an acces may have segments up to10%, or segments up t up to 12%. A sidewalk or walkway, in contrast, may f 5%.	
	Turn Radius:	Use formula: (1.25 x velocity in MPH) + 1.5	
	Sight Distance:	Not critical but 50 feet recommended, especially at road crossings	
	Water Crossing:	Culvert or boardwalk with handrails; orient deck bo 45-90 degree to direction of travel; width 4-8 feet f light use or 1 way, 10 feet for heavy use or 2 way	
	Water Crossing:	Stepping stones or ford if water less than 2 feet d culvert or boardwalk 3-4 feet wide for light use 5-6 for heavy use at least one handrail if boardwalk is use, more than 12 ft long, or more than 4 feet ove	

X.X MOUNTAIN BIKE TRAILS

OVERVIEW

Acronym/Abbreviation: MBTR

The design, development, preservation and enhancement of all mountain bike trails in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of mountain bike trails are the active recreation and the enhancement of connections of major destinations to natural areas.

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities Act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
				Circulation shall be located at each of the following locations in the quantities recommended.		
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
				City Park Preserve		1+ 1+
Developed Open Space						

	REQUIRED SPE	CIFICATI	ONS	RECOMMENDED SPECIFICATIONS			
	for this classifications of types of circulation (in order to maintain the level of service (LOS) DPARD provides the residents of the City word Denton. Any and all modifications to the trequired specifications in the development of multi-use trails must receive prior written authorization from the DPARD.						
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities							
F							
Outdoor Facilities	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Ð	Primary Destination Sign		1+	Secondary Trail Markers Tertiary Trail Markers		1+ 1+	
Communication/ Wayfinding							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Culture & Identity		5.6					
	Amenity Benches Bike Racks Bike Stations	Reference	Min. 1+ 1+ 1+	Amenity Drinking Fountains Picnic Tables	Reference	Rec. 1+ 1+	
Site Furnishings							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Î	Receptacles		1+				
Pollution Control							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	

	REQUIRED SPE	CIFICATIONS	RECOMMENDED SPE	CIFICATIONS
Recreational Support				
	Amenity	Reference Min.	Amenity	Reference Rec.
-Ď.				
Safety & Security				
	Amenity	Reference Min.	Amenity	Reference Rec.
Landscape				
	Amenity	Amenity		
×				
Aesthetics	Amenity	Amenity		
P	Design Requirements	-	nes are vied as the national sta	ndard for multi-use
Aesthetics		Trail Width: 10' Min	mum	
	Wayfinding on Trails	prohibition signs. R outline and diagona Black: Background of yellow, or orange sig White: Background white is used for th brown, and green si Orange: Background Yellow: Background specified) and school Fluorescent Yellow school warning sign Blue: Background f Green: Background	color on one-way signs, and the gns. color for regulatory signs (excep ne message. white is the mess gns, as well as stop signs. d color for construction and m nd for warning signs (except ol signs. Green: Background for pede	bry symbol (circular message on white, ot stop signs) where sage color on blue, aintenance signs. where orange is strian, bicycle, and nce and permitted
		Viewing Distance: B	etween 20 -150 Feet	
		Text Height: Betwee	en 3 and 6 inches.	

X.X EQUESTRIAN TRAILS

OVERVIEW

Acronym/Abbreviation: EQTR

The design, development, preservation and enhancement of all equestrian trails in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of equestrian trails is for the safe, separated use of equestrian riders.

SERVICE AREA

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts

2) Potential for growth/expansion to meet the needs of a growing population

- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	Circulation shall be loc following locations in the			Circulation shall be lo locations in the quant		llowing
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
				Preserve		1+
Developed Open Space						

				RECOMMENDED SPECIFICATIONS			
	REQUIRED SPI	CIFICATIO	ONZ	RECOMMENDED SPE	CIFICATIO		
	for this classifications of types of circulation (n in order to maintain the level of service (LOS) DPARD provides the residents of the City wh of Denton. Any and all modifications to the required specifications in the development of equestrian trails must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classifications of types of circulation to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities							
R							
Outdoor Facilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/	Primary Destination Sign		1+	Secondary Trail Markers Tertiary Trail Markers		1+ 1+	
Wayfinding							
Culture & Identity	Amenity	Reference	Min.	Amenity	Reference	Rec.	
,	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishings							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Pollution Control							
Poliution Control							

	REQUIRED SPE	CIFICATIONS	RECOMMENDED SPE	CIFICATIO	ONS
	Amenity	Reference Min.	Amenity	Reference	Rec.
Recreational					
Support					
	Amenity	Reference Min.	Amenity	Reference	Rec.
-¿ģ́-					
Safety & Security					
	Amenity	Reference Min.	Amenity	Reference	Rec.
×					
Landscape					
	Amenity	Specification			
Aesthetics	A	C			
MISC	Amenity Length	Specification 5-25 miles			
MISC		5-25 miles			
	Tread Surface	Mineral soil; crushed	d, compacted gravel		
			eet light use or 1-way eet heavy use or 2-way		
	Clearing Width		vidths less than five feet will requ e feet width every 1,000 feet	uire passing s	paces
		8 feet light use or 1v 12 feet heavy use or			
	Clearing Height	10 feet minimum 12 feet preferred			
	Grade	1-10 percent preferr 10% maximum susta 20% for short distan	ained		
	Turn Radius	6 feet			
	Sign Distance	50 feet minimum 100 feet preferred a	nd at road crossings		

	REQUIRED SPE	CIFICATIONS RECOMMENDED SPECIFICATIONS
	Amenity	Specification
MISC	Water Crossing	For slow moving water less than 3 feet deep - select sites with stable and or gravel base; soil covered culvert is better than bridge; bridge only if water is deep and swift, must be well designed
	Other Uses	Hiking
	Unique Facilities	Parking with trailer space, tether line; or campsites with tether lines or corrals, water, manure dump
	ADA	Efforts should be made to make all trails accessible , unless those modifications would detract from the intended use.

X.X PADDLING TRAILS

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of all paddling trails in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[Insert function here]

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously

- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	Circulation shall b following locations i				located at each of the fo ntities recommended.	llowing
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
Developed Open						
Space						

	REQUIRED	SPECIFICATIO	ONS	RECOMMENDED SPECIFICATIONS			
		SI Len lean			SI LeineAm		
	for this classifications of types of circulation (n in order to maintain the level of service (LOS) DPARD provides the residents of the City wh of Denton. Any and all modifications to the required specifications in the development of paddling trails must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classifications of types of circulation to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities							
F							
Outdoor Facilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
$\mathbf{\Theta}$							
Communication/ Wayfinding							
wayintung	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Culture & Identity	A una a unita a	Defense	N.A.ive	A	Defense		
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishings							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Î							
Pollution Control							

	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Recreational Support							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
-Ď.							
Safety & Security							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Landscape							
Lundscupe							
	Amenity	Amenity					
Þ							
Aesthetics							

X.X BRIDGES

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of all Bridges in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[Insert function here]

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	Circulation shall be following locations i				located at each of the fol antities recommended.	lowing
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
Developed Open Space						

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATIO	ONS
	for this classification of types of circulation in (order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of pedestrian entrances at corners must receive prior written authorization from the DPARD.			(not required) for this classification of types of circulation to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities						
F.						
Outdoor Facilities						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Ð						
Communication/ Wayfinding						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Culture & Identity	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishings		hererenee			Reference	ince.
		Defe	N.4		Defe	
Pollution Control	Amenity	Reference	Min.	Amenity	Reference	Rec.

	REQUIRED S	PECIFICATIO	ONS	RECOMMENDE	D SPECIFICATIO	ONS
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Recreational Support						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
-Č						
Safety & Security						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
×						
Landscape						
	Amenity	Amenity				
Aesthetics						

X.X PEDESTRIAN ENTRANCE AT CORNERS

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of all pedestrian entrances at corners in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[Insert function here]

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	Circulation shall be following locations in				located at each of the fol intities recommended.	llowing	
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
Developed Open Space							

	REQUIRED SPECIFICATIO	ONS	RECOMMENDED SPECIFICATIO	NS		
	The following are specifications are r for this classification of types of circu order to maintain the level of servic DPARD provides the residents of of Denton. Any and all modification required specifications in the devel of pedestrian entrances at corner receive prior written authorization for DPARD.	lation in ce (LOS) the City s to the opment rs must	(not required) for this classification of types of circulation to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the			
	Amenity Reference	Min.	Amenity Reference	Rec.		
Indoor Facilities						
Ĥ.						
Outdoor Facilities						
	Amenity Reference	Min.	Amenity Reference	Rec.		
Ð						
Communication/ Wayfinding						
	Amenity Reference	Min.	Amenity Reference	Rec.		
Culture & Identity	Aurorite Defense	N.4.	Augustitus Defenses			
	Amenity Reference	Min.	Amenity Reference	Rec.		
Site Furnishings						
_	Amenity Reference	Min.	Amenity Reference	Rec.		
Pollution Control						
. Shaton control						

	REQUIRED S	PECIFICATIO	ONS	RECOMMENDED	SPECIFICATI	ONS
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Recreational Support						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
-Ď						
Safety & Security						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
×						
Landscape						
	Amenity	Amenity				
P						
Aesthetics						

X.X PEDESTRIAN ENTRANCE AT MID BLOCK

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of all pedestrian entrances at mid blocks in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[Insert function here]

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED	LOCATIONS	S	RECOMMENDED LOCATIONS		
	Circulation shall be following locations in t				located at each of the fo ntities recommended.	llowing
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
Developed Open Space						

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATIO	ONS
	for this classification of types of circulation in ((order to maintain the level of service (LOS) DPARD provides the residents of the City v of Denton. Any and all modifications to the required specifications in the development of pedestrian entrances at corners must receive prior written authorization from the DPARD.		(not required) for this classification of types of circulation to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities						
F						
Outdoor Facilities						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Ð						
Communication/ Wayfinding						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Culture & Identity	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishings				, and the second s		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Pollution Control	Amenity	Reference		Amenity	Reference	<u>KUC.</u>

	REQUIRED S	PECIFICATIO	ONS	RECOMMENDE		ONS
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Recreational Support						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
-ČŲ-						
Safety & Security						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Landscape						
	Amenity	Amenity				
Aesthetics						

X.X VEHICLE ENTRANCE

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of all vehicle entrances in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[Insert function here]

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	Circulation shall be following locations in				located at each of the fo ntities recommended.	llowing	
	Amenity	Amenity	Min.	Amenity	Reference	Rec.	
Developed Open							
Space							

				DECOMMENDED SDECIFICATIONS			
	REQUIRED	SPECIFICATI	OIN2	RECOMMENDED SPECIFICATIONS			
	for this classification of types of circulation in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of pedestrian entrances at corners must receive prior written authorization from the DPARD.			(not required) for this classification of types of circulation to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities							
indoor racinties	Amenity	Reference	Min.	Amenity	Reference	Rec.	
F							
Outdoor Facilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Communication/ Wayfinding							
wayintanig	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Culture & Identity							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishings							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Pollution Control							

	REQUIRED	SPECIFICATIONS	RECOMMEND	DED SPECIFICATIONS
	Amenity	Reference Min.	Amenity	Reference Rec.
Recreational Support				
	Amenity	Reference Min.	Amenity	Reference Rec.
-Ď.				
Safety & Security				
	Amenity	Reference Min.	Amenity	Reference Rec.
×				
Landscape				
	Amenity	Specifications		
Aesthetics				

X.X LEADWALKS

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of all leadwalks in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[Insert function here]

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED I	-OCATION	S	RECOMMENDED LOCATIONS		
	Circulation shall be lo following locations in th				located at each of the fo ntities recommended.	llowing
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
Developed Open Space						

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATIO	ONS
	for this classification of types of circulation in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of pedestrian entrances at corners must receive prior written authorization from the DPARD.			(not required) for this classification of types of circulation to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities	Amenity	Reference	Min.	Amenity	Reference	Rec
R	Amenity	Kererence		Amenity	Kererence	Nec.
Outdoor Facilities						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/						
Wayfinding						
-	Amenity	Reference	Min.	Amenity	Reference	Rec.
Culture & Identity						
Culture & Identity	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site						
Furnishings						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Pollution Control						

	REQUIRED S	PECIFICATIONS	RECOMMEND	ED SPECIFICATIONS
	Amenity	Reference Min.	Amenity	Reference Rec.
Recreational Support				
	Amenity	Reference Min.	Amenity	Reference Rec.
-Ď.				
Safety & Security				
	Amenity	Reference Min.	Amenity	Reference Rec.
×				
Landscape				
	Amenity	Specification		
Aesthetics				

X.X STREETSCAPES

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of all streetscapes in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[Insert function here]

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	KEQUIREL	LOCATION	5	RECOMME	NDED LOCATION	5
	Circulation shall be following locations in				located at each of the fol ntities recommended.	llowing
	Amenity	Amenity	Min.	Amenity	Reference	Rec.
Developed Open Space						

	REQUIRED	SPECIFICATI	ONS	RECOMMENDED	O SPECIFICATIO	ONS
	The following are specifications are required for this classification of types of circulation in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of pedestrian entrances at corners must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classification of types of circulation to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities	Amenity	reference	Min.	Amenity	reference	Rec.
F .	Amenity			Amenity	Telefence	Nec.
Outdoor Facilities						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/						
Wayfinding	Amenity	Reference	Min.	Amenity	Reference	Rec.
Culture & Identity						
calcure a facility	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishings						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Pollution Control						

	REQUIRED	SPECIFICATIONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference Min.	Amenity	Reference Rec.		
Recreational Support						
	Amenity	Reference Min.	Amenity	Reference Rec.		
-Â						
Safety & Security						
	Amenity	Reference Min.	Amenity	Reference Rec.		
Landscape						
Lanuscape						
	Amenity	Specification	•			
P						
Aesthetics						

X.X MEDIANS

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of all medians in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[Insert function here]

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance

D

- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRE	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	e located at each in the quantities requ			located at each of the fo ntities recommended.	llowing	
Amenity	Reference	Min.	Amenity	Reference	Rec.	
b						

	REQUIRED SPE	CIFICATIO	ONS	RECOMMENDED SPE	CIFICATIO	ONS
	for this classification of types of circulation in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of pedestrian entrances at corners must receive prior written authorization from the DPARD.			(not required) for this classification of types of circulation to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities	Amenity	Reference	Min.	Amenity	Reference	Poc
R	Amenity	Kelefence		Amenity	Reference	Rec.
Outdoor Facilities						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/						
Wayfinding						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Culture & Identity	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site		Reference			Reference	
Furnishings						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Pollution Control						

	REQUIRED SP	ECIFICATIO	NS	RECOMMENDED SPE	CIFICATIO	ONS
	Amenity	Reference M	Vin.	Amenity	Reference	Rec.
Recreational Support						
	Amenity	Reference M	Vin.	Amenity	Reference	Rec.
-Č						
Safety & Security						
	Amenity	Reference M	Vin.	Amenity	Reference	Rec.
×						
Landscape						
	Amenity	Specification				
P						
Aesthetics						

X.X ROW (RIGHT OF WAY)

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of right of way in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[Insert function here]

SERVICE AREA

Pedestrian/Cyclist: 10 Minute walk/5 Minute bike ride

Commuters (vehicular):

Up to a one hour drive for commuters. Note: to serve entire city and larger region at times.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- NEPA site constraints
- Land acquisition constraints
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	Circulation shall be following locations in t				located at each of the fo antities recommended.	llowing
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space						

	REQUIRED	SPECIFICATI	ONS	RECOMMENDED	O SPECIFICATIO	ONS
	The following are specifications are required for this classification of types of circulation in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of pedestrian entrances at corners must receive prior written authorization from the DPARD.			The following specifications are recommended (not required) for this classification of types of circulation to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities	Amenity	Reference	Min.	Amenity	Reference	Poc
F .	Amenity	Kelefence		Amenity	Kererence	Kec.
Outdoor Facilities						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/						
Wayfinding	Amenity	Reference	Min.	Amenity	Reference	Rec.
Culture & Identity						
culture differinty	Amenity	Reference	Min.	Amenity	Reference	Rec.
Site Furnishings						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Pollution Control						

	REQUIRED	SPECIFICATIONS	RECOMMENDED SPECIFICATIONS			
	Amenity	Reference Min.	Amenity	Reference Rec.		
Recreational Support						
	Amenity	Reference Min.	Amenity	Reference Rec.		
-Ď						
Safety & Security						
	Amenity	Reference Min.	Amenity	Reference Rec.		
×.						
Landscape						
	Amenity	Specification				
Þ						
Aesthetics						

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Section 5: COMMUNICATION/ WAYFINDING

This section outlines the required and recommended specifications for communication/ wayfinding within the City of Denton. The following are the definitions of the items that can be found in the following pages.

Requirement:

- All wayfinding/signage must comply with the sign ordinance or Denton Sign Code (Ordinance No. 2014-406)
- Existing conditions, accessibility guidelines and safety requirements will determine placement.
- Signage shall be located in every park in areas visible to all users to communicate to vehicular, pedestrian and bicycle traffic.
- Signage shall be easy to read and informative.

PRIMARY ENTRANCE SIGNS

The primary function of primary entrance signs is to serve as a landmark for wayfinding and to enhance identity of a location. The primary function of secondary entrance signs is to act as the second largest of the wayfinding signs, therefore they clearly identify and communicate a hierarchy. This assists in orientation for the user.

SECONDARY ENTRANCE SIGNS

DIRECTIONAL SIGNS/MAPS

The primary functions of directional signs/maps are to direct pedestrian/vehicular traffic along designated vehicular/pedestrian routes of circulation within indoor/ outdoor facilities.

PRIMARY TRAIL MARKERS

The primary functions of primary trail markers are to serve as a landmark for wayfinding, to enhance identity and communication and to identify the beginning and ending of a trail (primary trailheads).

SECONDARY TRAIL MARKERS

The primary function of secondary trail markers is to guide and act as the fifth largest of the wayfinding signs, therefore they clearly identify and communicate a hierarchy. This assists in orientation for the user.

TERTIARY TRAIL MARKERS

The primary function of a tertiary trail marker is to enhance the user's experience and contribute to perception and memory safety, and help guide pedestrian/bicycle traffic in a manner that reduces conflict zones.

PRIMARY DESTINATION SIGNS

The primary functions of primary destination signs are to serve as a landmark for wayfinding, to enhance identity and communication and to identify the indoor/outdoor facility.

TERTIARY DESTINATION SIGNS

The primary functions of tertiary destination signs are to communicate the name of destinations within indoor/outdoor facilities. They are small wayfinding signs, therefore they clearly identify and communicate a hierarchy. This assists in orientation for the user.

DIRECTORY SIGNS/MAPS (FACILITIES LEVEL)

The primary functions of directional signs/maps are name/awareness of destinations within indoor/outdoor facilities, directions to destinations within indoor/outdoor facilities and relationship of internal destinations to overall indoor/outdoor facilities.

SECONDARY DESTINATION SIGNS

The primary functions of secondary destination signs are to serve as an internal landmark for wayfinding, to enhance identity of an indoor/outdoor facility and to enhance communication within an indoor/outdoor facility.

QUATERNARY DESTINATION SIGNS

The primary functions of quaternary destination signs are to communicate the name of destinations within indoor/outdoor facilities. They are small wayfinding signs, therefore they clearly identify and communicate a hierarchy. This assists in orientation for the user.

INFORMATIONAL SIGNS

The primary function of informational signs is to communicate information such as: rules, ordinances, warnings, events, schedules, times, environmental information, historical information, etc.

X.X PRIMARY ENTRANCE SIGN

OVERVIEW

Acronym/Abbreviation: PESW

The design, development, preservation and enhancement of primary entrance signs in the DPARD system shall comply with the following required and/or recommended specifications.

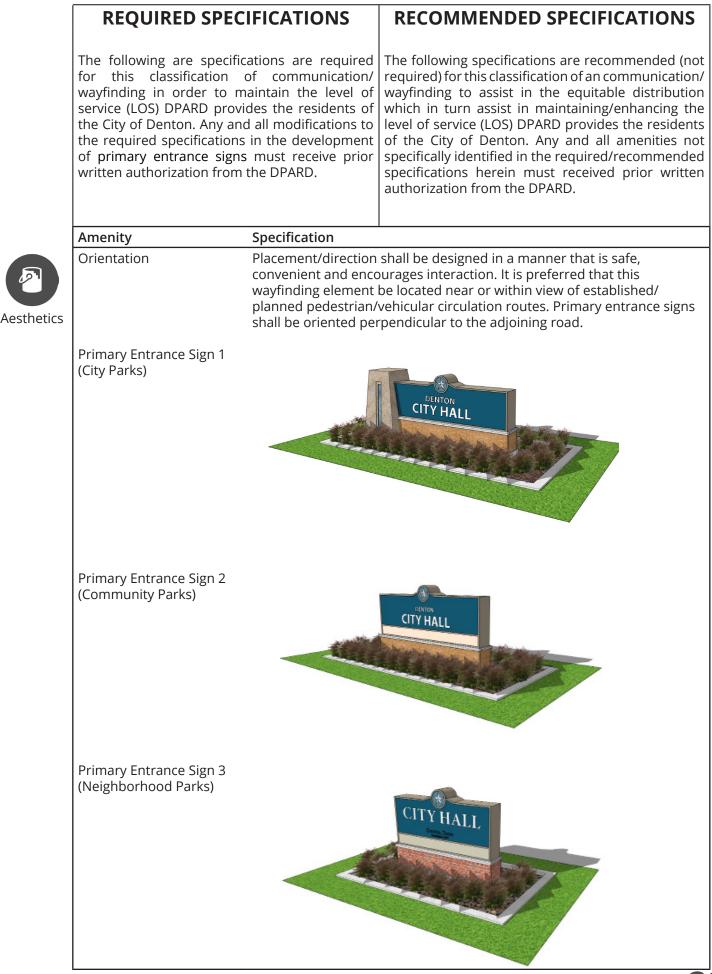
FUNCTION

The primary function of primary entrance signs is to serve as a landmark for wayfinding and to enhance identity of a location.

Compliance

- City Code Compliance
- Regulatory permitting requirements

	REQUIRED LOCATIONS			RECOMME	NDED LOCATIONS	S
				This signage shall be locations in the quan	located at each of the foll tities recommended.	owing
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	City Parks		1+			
Y	Community Parks		1+			
	Linear Parks		1+			
	Preserves		1+			
Developed	Neighborhood Parks		1+			
Open	Pocket Parks		1+			
Space	Special Use Parks		1+			



X.X SECONDARY ENTRANCE SIGN

OVERVIEW

Acronym/Abbreviation: SESW

The design, development, preservation and enhancement of secondary entrance signs in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of secondary entrance signs is to act as the second largest of the wayfinding signs, therefore they clearly identify and communicate a hierarchy. This assists in orientation for the user.

Compliance

- City Code Compliance
- Regulatory permitting requirements

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
				This signage shall be located at each of the following locations in the quantities recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	City Parks		1+	Linear Parks		1+
Y	Community Parks		1+	Preserves		1+
	-			Neighborhood Parks		1+
				Pocket Parks		1+
Developed				Special Use Parks		1+
Open						
Space						

REQUIRED	SPECIFICATIONS
----------	----------------

RECOMMENDED SPECIFICATIONS

The following are specifications are required for this classification of communication/ wayfinding in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of secondary entrance signs must receive prior written authorization from the DPARD.

Aesthet

The following specifications are recommended (not required) for this classification of a communication/ wayfinding to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.

	Amenity	Specification
tics	Orientation	Placement/direction shall be designed in a manner that is safe, convenient and encourages interaction. It is preferred that this wayfinding element be located near or within view of established/planned pedestrian/vehicular circulation routes.
	Secondary Entrance Sign	



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X.X DIRECTIONAL SIGNS/ MAPS

OVERVIEW

Acronym/Abbreviation: DSMW

The design, development, preservation and enhancement of directional signs/maps in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary functions of directional signs/maps are to direct pedestrian/vehicular traffic along designated vehicular/pedestrian routes of circulation within indoor/ outdoor facilities.

Compliance

- City Code Compliance
- Regulatory permitting requirements

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	This signage shall be located at each of the following locations in the quantities required.			This signage shall be located at each of the following locations in the quantities recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	City Parks		1+	Linear Parks		1+
	Community Parks		1+	Neighborhood Parks		1+
	Preserve		1+	Pocket Parks		1+
				Special Use Parks		1+
Developed						
Open						
Space						

RECOMMENDED SPECIFICATIONS

The following are specifications are required for this classification of communication/ wayfinding in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of directional signs/maps must receive prior written authorization from the DPARD.

Aestheti

The following specifications are recommended (not required) for this classification of communication/ wayfinding to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.

Amenity	Specification
Communication	Directional Signs / Maps shall communicate the following information: Name of destination points followed by directional arrows.
Color	Background shall be blue. Lettering shall be white.
Surface Material	Sign shall be made of traffic grade aluminum and be consistent in style Corners shall be rounded.
Hardware	All fasteners shall be stainless steel.
Lighting	n/a
Orientation	Placement/direction shall be designed in a manner that is safe, convenient and encourages interaction. It is preferred that this wayfindir element be located near or within view of planned pedestrian/vehicular circulation routes.
Directional Signs/Maps	

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X.X PRIMARY TRAIL MARKERS

OVERVIEW

Acronym/Abbreviation: PTMW

The design, development, preservation and enhancement of primary trail markers in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary functions of primary trail markers are to serve as a landmark for wayfinding, to enhance identity and communication and to identify the beginning and ending of a trail (primary trailheads).

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	This signage shall be located at each of the following locations in the quantities required.					
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Multi-Purpose Trails Mountain Bike Trails Equestrian Trails		1+ 1+ 1+			
Developed Open Space						

D

RECOMMENDED SPECIFICATIONS

The following are specifications are required for this classification of communication/wayfinding in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of primary trail markers must receive prior written authorization from the DPARD.

The following specifications are recommended (not required) for this classification of communication/ wayfinding to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.

	Amenity	Specification
Aesthetics	Location	Located at main collection points, parking lots and at the intersection of major trail systems as well as the beginning and end of trails at each of the following locations in the recommended and/or required quantities listed.
	Communication	Directional Signs / Maps shall communicate the following information: Name of Trail System Name associated with the location of the sign (when appropriate) Name of mileage of destination points followed by directional arrows.
	Color	Background shall be blue. Lettering shall be white.
	Surface Material	Sign shall be made of traffic grade aluminum and be consistent in style. Corners shall be rounded.
	Hardware	All fasteners shall be stainless steel.
	Lighting	n/a
	Orientation	Placement/direction shall be designed in a manner that is safe, convenient and encourages interaction with trail users.

X.X SECONDARY TRAIL MARKERS

OVERVIEW

Acronym/Abbreviation: STMW

The design, development, preservation and enhancement of secondary trail markers in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of secondary trail markers is to guide and act as the fifth largest of the wayfinding signs, therefore they clearly identify and communicate a hierarchy. This assists in orientation for the user.

Compliance

- City Code Compliance
- Regulatory permitting requirements

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	This signage shall be located at each of the following locations in the quantities required.			This signage shall be local locations in the quantities		lowing
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Multi-Purpose Trails		2+			
	Mountain Bike Trails		2+			
Y	Equestrian Trails		2+			
Developed						
Open						
Space						

The following are specifications are required for this classification of communication/ wayfinding in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of secondary trail markers must receive prior written authorization from the DPARD.

Aesth

RECOMMENDED SPECIFICATIONS

The following specifications are recommended (not required) for this classification of an outdoor facility to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.

Amenity	Specification
Location	Located at main collection points, parking lots and at the intersection of major trail systems as well as the beginning and end of trails at each of the following locations in the recommended and/or required quantities listed.
Communication	Directional Signs / Maps shall communicate the following information: Name of Trail System Name associated with the location of the sign (when appropriate) Name of mileage of destination points followed by directional arrows.
Color	Background shall be blue. Lettering shall be white.
Surface Material	Sign shall be made of traffic grade aluminum and be consistent in style. Corners shall be rounded.
Hardware	All fasteners shall be stainless steel.
Lighting	n/a
Orientation	Placement/direction shall be designed in a manner that is safe, convenient and encourages interaction with trail users.

X.X TERTIARY TRAIL MARKERS

OVERVIEW

Acronym/Abbreviation: TTMW

The design, development, preservation and enhancement of tertiary trail markers in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The function of a tertiary trail marker is to enhances the user's experience and contributes to perception and memory safety, helps guide pedestrian/bicycle traffic in a manner that reduces conflict zones.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance

- Regulatory permitting requirements

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	This signage shall be located at each of the following locations in the quantities required.			This signage shall be located at each of the following locations in the quantities recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				Multi-Purpose Trails		2+
				Mountain Bike Trails		2+
X				Equestrian Trails		2+
Developed						
Open						
Space						

The following are specifications are required for this classifications of communication/ wayfinding in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of tertiary trail markers must receive prior written authorization from the DPARD.

Aestheti

RECOMMENDED SPECIFICATIONS

The following specifications are recommended (not required) for this classification of communication/ wayfinding to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.

Amenity	Specification
Location	Located at main collection points, parking lots and at the intersection of major trail systems as well as the beginning and end of trails at each of the following locations in the recommended and/or required quantities listed.
Communication	Directional Signs / Maps shall communicate the following information: Name of Trail System Name associated with the location of the sign (when appropriate) Name of mileage of destination points followed by directional arrows.
Color	Background shall be blue. Lettering shall be white.
Surface Material	Sign shall be made of traffic grade aluminum and be consistent in style. Corners shall be rounded.
Hardware	All fasteners shall be stainless steel.
Lighting	n/a
Orientation	Placement/direction shall be designed in a manner that is safe, convenient and encourages interaction with trail users.

X.X PRIMARY DESTINATION SIGNS

OVERVIEW

Acronym/Abbreviation: PDSW

The design, development, preservation and enhancement of primary destination signs in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary functions of primary destination signs are to serve as a landmark for wayfinding, to enhance identity and communication and to identify the indoor/outdoor facility.

Compliance

- City Code Compliance
- Regulatory permitting requirements

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
				This signage shall be located at each of the following locations in the quantities recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				Multi-Purpose Trails Mountain Bike Trails Equestrian Trails		2+ 2+ 2+
Developed Open Space						

	REQUIRE	D LOCATIONS	5	RECOMMENDED	LOCATION	S
	This signage shall the following locations in			This signage shall be located at each of the following locations in the quantities recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				American Legion Hall		1+
				Community Center		1+
				Gymnastics Center		1+
				Indoor Ice Rink		1+
Indoor				Indoor Sports Complex		1+
Facilities				Natatorium		1+
				Nature Center		1+
				Recreation Center		1+
				Senior Center Water Park		1+
						1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				Amphitheater		1+
				Baseball Fields Adult		1+
				Baseball Fields Youth		1+
Outdoor				Bike Park Challenge Spot		1+ 1+
Facilities				Community Garden		1+ 1+
				Disc Golf Course		1+
				Basketball Courts		1+
				Multi-Purpose Courts		1+
				Volleyball Courts		1+
				Dog Park		1+
				Driving Range		1+
				Football Fields		1+
				Parking Lots		1+
				Putting Greens		1+
				Rugby Fields		1+
				Skate Park		1+
				Soccer Fields Adult Soccer Fields Youth		1+ 1+
				Softball Fields Adult		1+ 1+
				Softball Fields Youth		1+
				Parking		1+
				Playgrounds		1+
				Sports Complex		1+
				Sprayground		1+
				Swimming Pool		1+
				Tennis Courts		1+
				Wildflower Prairie		1+

The following are specifications are required for this classification of communication/ wayfinding in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of primary destination signs must receive prior written authorization from the DPARD.

Specification

RECOMMENDED SPECIFICATIONS

The following specifications are recommended (not required) for this classification of communication/ wayfinding to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.



Example

Amenity

Orientation



Placement/direction shall be designed in a manner that is safe,

convenient and encourages interaction. It is preferred that this wayfinding element be located near or within view of established/

planned pedestrian/vehicular circulation routes.

PARK.2 Parking Lot Identification Double-Sided (Perpendicolar to Roadway)

X.X SECONDARY DESTINATION SIGNS

OVERVIEW

Acronym/Abbreviation: SDSW

The design, development, preservation and enhancement of secondary destination signs in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary functions of secondary destination signs are to serve as an internal landmark for wayfinding, to enhance identity of an indoor/outdoor facility and to enhance communication within an indoor/outdoor facility.

Compliance

- City Code Compliance
- Regulatory permitting requirements

	REQUIRED LO	CATIONS	RECOMMENDED LOCATIONS			
	This signage shall be loca following locations in the q		he This signage shall be located at each of the following locations in the quantities recommended.			
	Amenity	Reference Min.	Amenity Reference Rec.			
Indoor Facilities	Advance Tech Program Room Indoor Water Playground Indoor Swimming Pool Cardio Room Concessions Exercise Equipment Room Group Exercise Studio Game Room Gymnasium Indoor Track Meeting Room Multi-Purpose Room Performance Room Restrooms Teen Center Weight Room	Kererence Min. 1+ 1+ 1+				
	REQUIRED SPEC	IFICATIONS	RECOMMENDED SPECIFICATIONS			
	The following are specificat this classification of comm in order to maintain the lo DPARD provides the resid Any and all modification specifications in the develo destinations signs must r authorization from the DPA	unication/wayfindi evel of service (LC ents City of Dento ns to the requir opment of seconda eceive prior writt ARD.	ng required) for this classifications of communication/ (NS) wayfinding to assist in the equitable distribution (NC) which in turn assist in maintaining/enhancing the ed level of service (LOS) DPARD provides the residents (NC) of the City of Denton. Any and all amenities not			
	Amenity	Specification				
Aesthetics	Orientation Example		ion shall be designed in a manner that is safe, ncourages interaction.			

X.X TERTIARY DESTINATION SIGNS

OVERVIEW

Acronym/Abbreviation: TDSW

The design, development, preservation and enhancement of tertiary destination signs in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary functions of tertiary destination signs are to communicate the name of destinations within indoor/outdoor facilities. They are small wayfinding signs, therefore they clearly identify and communicate a hierarchy. This assists in orientation for the user.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance

- Regulatory permitting requirements

	REQUIRED LC	CATIONS	5	RECOMMENDED LOCATIONS		
				This signage shall be located at each of the following locations in the quantities recommended.		
Am	enity	Reference	Min.	Amenity	Reference	Rec.
Con	icessions		1+			
Rest	trooms		1+			
Am	enity	Reference	Min.	Amenity	Reference	Rec.
Pav	ilions		1+			
Sha	de Structures		1+			

X.X QUATERNARY DESTINATION SIGNS

OVERVIEW

Acronym/Abbreviation: QDSW

The design, development, preservation and enhancement of quaternary destination signs in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary functions of quaternary destination signs are to communicate the name of destinations within indoor/outdoor facilities. They are small wayfinding signs, therefore they clearly identify and communicate a hierarchy. This assists in orientation for the user.

Compliance

- City Code Compliance
- Regulatory permitting requirements

	REQUIRED LO	CATIONS	5	RECOMMEND	ED LOCATION	S
				This signage shall be located at each of the following locations in the quantities recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	All Indoor Facilities		1+			
Indoor Facilities						

X.X DIRECTIONAL SIGNS/ MAPS

OVERVIEW

Acronym/Abbreviation: DSMW

The design, development, preservation and enhancement of directional signs/maps in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary functions of directional signs/maps are name/awareness of destinations within indoor/ outdoor facilities, directions to destinations within indoor/outdoor facilities and relationship of internal destinations to overall indoor/outdoor facilities.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance

- Regulatory permitting requirements

REQUIRED LOCATIONS

RECOMMENDED LOCATIONS

following locations in the quantities required.

This signage shall be located at each of the This signage shall be located at each of the following locations in the quantities recommended.

Indoor Facilities	
R	

	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Community Center Gymnastic Center		1+ 1+			
	Indoor Ice Rink,		1+			
Indoor	Indoor Sports Complex Natatorium		1+ 1+			
Facilities	Recreational Center		1+			
	Senior Center		1+			
	Water Park		1+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
	Baseball Fields		1+			
	Soccer Fields		1+			
	Softball Fields		1+ 1+			
Outdoor	Challenge Spot Community Gardens		1+ 1+			
Facilities	Sprayground		1+			
	Disc Golf Course		1+			
	Driving Range		1+			
	Sports Complex		1+			
	Tennis Courts		1+			
	Bike Park		1+			
	Dog Park		1+			
	Skate Park		1+			
	Wildflower Prairie		1+			

X.X INFORMATIONAL SIGNS

OVERVIEW

Acronym/Abbreviation: ISW

The design, development, preservation and enhancement of informational signs in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of informational signs is to communicate information such as: rules, ordinances, warnings, events, schedules, times, environmental information, historical information, etc.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance

- Regulatory permitting requirements

Orientation

Placement/direction shall be designed in a manner that is safe, convenient and encourages interaction. It is preferred that this wayfinding element be located near or within view of established/planned pedestrian Circulation routes. Digital display signs shall be orientated parallel or perpendicular to the facility it is serving.

List of Types of Information Signs

Page#	Туре	XX	Reservations	XX	Hole Numbers
XX	Digital Displays	XX	Rules Sign	XX	Dog Run Numbers
XX	Mobile Applications	XX	Warning Sign	XX	Seating Sections
XX	Interpretive Signs	XX	Shelter Numbers	XX	Pool Numbers
XX	Historical Markers	XX	Field Numbers	XX	Plot Numbers
XX	Donor/naming Rights	XX	Court Numbers	XX	Lane Numbers
XX	ADA Parking Spaces	XX	Course Numbers	XX	Ages

REQUIRED LOCATIONS

This signage shall be located at each of the following locations in the quantities required.

RECOMMENDED LOCATIONS

This signage shall be located at each of the following locations in the quantities recommended.

		Digi	ital Displ	lays		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				City Parks Community Parks Special Use Parks		1 1 1
Developed Open Space						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Hockey Rink Indoor Sports Complex Natatorium Recreation Center Senior Center Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
F.				Amphitheater Swimming Pool Sports Complex		1+ 1+ 1+
Outdoor Facilities						
		REQU	IRED S	SPECIFICATION		
	to maintain the level of ser	vice (LOS) DF ed specificat	PARD pro	classifications of communication/ vides the residents of the City of l ne development of digital displays	Denton. Any	and all
	Amenity	Specificatio	n			
Aesthetics	Digital Display Examples	1	ľ			

	REQUIR	ED LOCATIONS	5	RECOMMENDED	LOCATION	S
		Mobile	e Applic	ations		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space				City Parks Community Parks Linear Parks Preserve Neighborhood Park Pocket Park Special Use Parks		1 1 1 1 1 1
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Hockey Rink Indoor Sports Complex Natatorium Recreation Center Senior Center Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities				Amphitheater Swimming Pool Community Garden Disc Golf Course Challenge Spot Driving Range Basketball Court Multi-Purpose Court Tennis Court Volleyball Court Baseball Fields (Adult) Baseball Field (Youth) Football Field Rugby Field Soccer Field (Adult) Softball Field (Adult) Softball Field (Adult) Softball Field (Youth) Pavilions Playgrounds Putting Greens Shade structures Sport Complex Bike Park Dog Park Skate Park Wildflower Prairie		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation				Multi-Use Trails Mountain Bike Trails Equestrian Trails Paddling Trails		1+ 1+ 1+ 1+

	REQUIRE	D LOCATIONS	5	RECOMMENDED LOCATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				Benches		1+	
				Bike racks		1+	
יייי				Bike Stations		1+	
Cito				Bleachers		1+	
Site Furnishing				Picnic Tables		1+	
runnsning				Drinking Fountains Grills		1+	
		leter				1+	
	When used in patur		pretive		ly consitivo are		
				e placed outside environmental placed in areas that are accessi		eas (I.e.	
				Flora			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				City Parks		1	
				Community Parks		1	
				Linear Parks		1	
Developed				Preserve Neighborhood Park		1	
Open				Pocket Park		1	
Space				Special Use Parks		1	
·	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				Amphitheater		1+	
				Community Garden		1+	
				Wildflower Prairie		1+	
Outdoor							
Facilities							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				Multi-Purpose Trails		1+	
(A)				Mountain Bike Trails		1+	
				Equestrian Trails		1+	
Circulation				Paddling Trails		1+	
			F	auna			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				City Parks		1	
				Community Parks		1	
				Linear Parks		1	
Developed				Preserve		1	
Open				Neighborhood Park		1	
Space				Pocket Park Special Use Parks		1 1	
00000	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				Amphitheater		1+	
				Community Garden		1+	
				Wildflower Prairie		1+	
Outdoor							
Facilities							

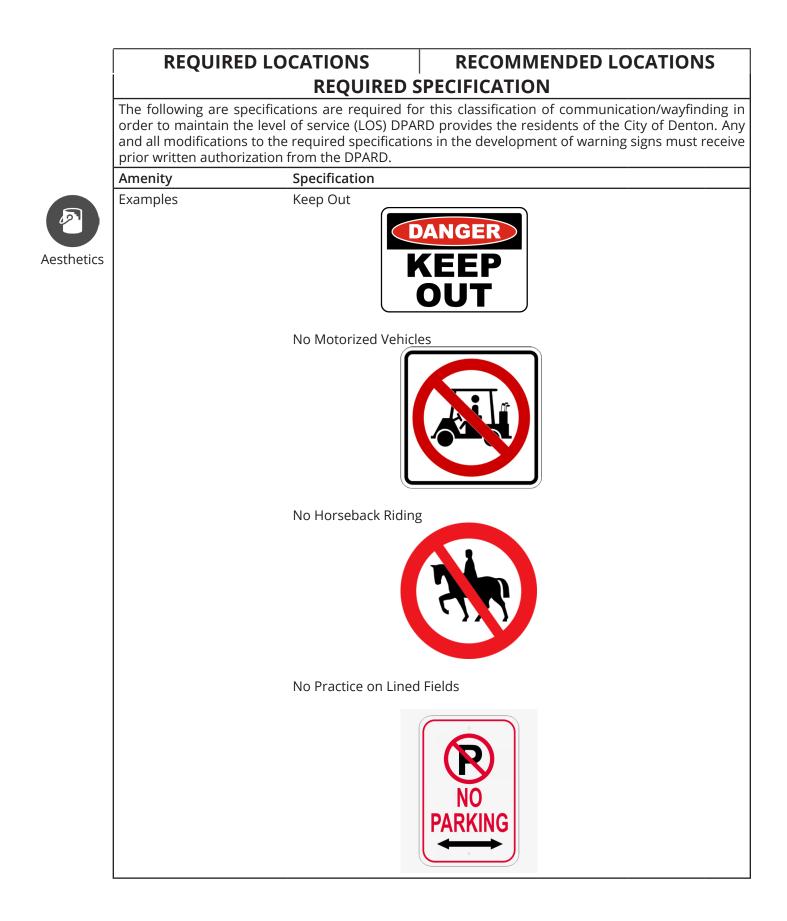
	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation				Multi-Purpose Trails Mountain Bike Trails Equestrian Trails Paddling Trails		1+ 1+ 1+ 1+
			Regio	onal Data		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space				City Parks Community Parks Linear Parks Preserve Neighborhood Park Pocket Park Special Use Parks		1 1 1 1 1 1
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities				Amphitheater Community Garden Wildflower Prairie		1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation				Multi-Purpose Trails Mountain Bike Trails Equestrian Trails Paddling Trails		1+ 1+ 1+ 1+
		Histo	rical Ma	rkers		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space				City Parks Community Parks Linear Parks Preserve Neighborhood Park Pocket Park Special Use Parks		1 1 1 1 1 1
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Hockey Rink Indoor Sports Complex Natatorium Recreation Center Senior Center Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+

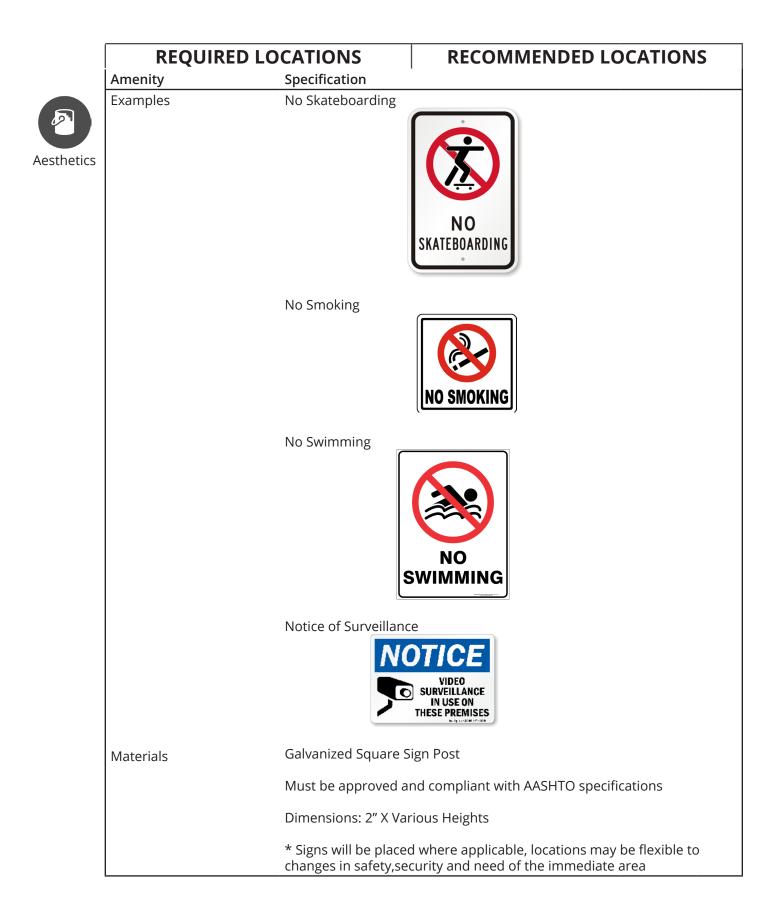
	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				Amphitheater		1+	
				Swimming Pool		1+	
				Community Garden		1+	
Quetale				Disc Golf Course		1+	
Outdoor				Challenge Spot		1+	
Facilities				Driving Range		1+	
				Basketball Court		1+	
				Multi-Purpose Court		1+	
				Tennis Court		1+ 1+	
				Volleyball Court Baseball Fields (Adult)		1+ 1+	
				Baseball Field (Youth)		1+	
				Football Field		1+	
				Rugby Field		1+	
				Soccer Field (Adult)		1+	
				Soccer Field (Youth)		1+	
				Softball Field (Adult)		1+	
				Softball Field (Youth)		1+	
				Pavilions		1+	
				Playgrounds		1+	
				Putting Greens		1+	
				Shade structures		1+	
	Amonity	Deference	Min	Sport Complex	Deference	1+ 	
	Amenity	Reference	Min.	Amenity Bike Park	Reference	Rec.	
				Dog Park		1+	
				Skate Park		1+	
				Wildflower Prairie		1+	
Outdoor							
Facilities	Amenity	Reference	Min.	Amenity	Reference	Rec.	
	Amenity	Reference			Kererence		
				Multi-Purpose Trails Mountain Bike Trails		1+ 1+	
(方)				Equestrian Trails		1+	
				Paddling Trails		1+	
Circulation							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				Benches		1+	
				Bike racks		1+	
				Bike Stations		1+	
Site				Bleachers Picnic Tables		1+ 1+	
Furnishing				Drinking Fountains		1+	
0				Grills		1+	
	<u>.</u>	Donor/	'naming				
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
				City Parks		1	
				Community Parks		1	
				Linear Parks		1	
Developed				Preserve		1	
Open				Neighborhood Park		1	
Space				Pocket Park		1	
Space				Special Use Parks		I	

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Hockey Rink Indoor Sports Complex Natatorium Recreation Center Senior Center Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities				Amphitheater Swimming Pool Community Garden Disc Golf Course Challenge Spot Driving Range Basketball Court Multi-Purpose Court Tennis Court Volleyball Court Baseball Fields (Adult) Baseball Field (Youth) Football Field Rugby Field Soccer Field (Adult)		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities				Soccer Field (Youth) Softball Field (Adult) Softball Field (Youth) Pavilions Playgrounds Putting Greens Shade structures Sport Complex		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Circulation				Multi-Purpose Trails Mountain Bike Trails Equestrian Trails Paddling Trails		1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Site Furnishing				Benches Bike racks Bike Stations Bleachers Picnic Tables Drinking Fountains Grills		1+ 1+ 1+ 1+ 1+ 1+ 1+	

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS					
	ADA Parking Spaces								
	Amenity	Reference	Min.	Amenity	Reference	Rec.			
Developed Open Space				City Parks Community Parks Linear Parks Preserve Neighborhood Park Pocket Park Special Use Parks		1 1 1 1 1 1 1			
	Amenity	Reference	Min.	Amenity	Reference	Rec.			
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Hockey Rink Indoor Sports Complex Natatorium Recreation Center Senior Center Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.			
Outdoor Facilities				Swimming Pool Community Garden Spraygrounds Parking Lots Sports Complex Bike Park Dog Park Skate Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+			
		REQUIRED SPECIFICATION							
	The following are specifications are required for this classifications of communication/wayfinding in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of ADA Parking Spaces must receive prior written authorization from the DPARD.								
	Amenity	Specificatio							
Aesthetics	Orientation	ADA parking		PARKING	allel or perpendic	ular to			

	RE	QUIRED LOCATIONS	S	RECOMMENDED LOCATIONS			
		R	ules Sigr	ıs			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Developed Open Space		PLACEHOLDER			PLACEHOLDER		
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities		PLACEHOLDER			PLACEHOLDER		
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor		PLACEHOLDER			PLACEHOLDER		
Facilities							
		Wa	rning Si	gns			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Developed Open Space		PLACEHOLDER			PLACEHOLDER		
I	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities		PLACEHOLDER			PLACEHOLDER		
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities		PLACEHOLDER			PLACEHOLDER		
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Ŕ				Multi-Purpose Mountain Bike Equestrian Tra Paddling Trails	Trails ils	1+ 1+ 1+ 1+	
Circulation							





	RE	QUIRED LOCATIONS	5	RECOMMENDED LOCATIONS		
		Shel	ter Num	bers		
	Amenity	Reference	Min.	Amenity	PLACEHOLDER Reference	Rec.
		PLACEHOLDER				
		FLACEHOLDER				
Indoor Facilities						
i demerco	Amenity	Reference	Min.	Amenity	Reference	Rec.
		PLACEHOLDER			PLACEHOLDER	
Outdoor						
Facilities		_•				
	A une o unita d	Fie Reference	ld Numb		Reference	Dec
	Amenity	Reference	Min.	Amenity	Reference	Rec.
		PLACEHOLDER			PLACEHOLDER	
Outdoor						
Facilities						
			urt Num			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
		PLACEHOLDER			PLACEHOLDER	
		PLACEHOLDER			PLACEHOLDER	
Indoor Facilities		PLACEHOLDER			PLACEHOLDER	
Indoor			rse Num	ber	PLACEHOLDER	
Indoor	Amenity		rse Num Min.	ber Amenity	PLACEHOLDER Reference	Rec.
Indoor	Amenity	Cou				Rec.
Indoor	Amenity	Cou Reference			Reference	Rec.
Indoor Facilities	Amenity	Cou				Rec.
Indoor Facilities	Amenity	Cou Reference			Reference	Rec.
Indoor Facilities	Amenity	Cou Reference PLACEHOLDER		Amenity	Reference	Rec.
Indoor Facilities	Amenity	Cou Reference PLACEHOLDER	Min.	Amenity	Reference	
Indoor Facilities		Cou Reference PLACEHOLDER Ho	Min. le Numb	Amenity	Reference	
Indoor Facilities		Cou Reference PLACEHOLDER Ho Reference	Min. le Numb	Amenity	Reference PLACEHOLDER Reference	
Indoor Facilities		Cou Reference PLACEHOLDER Ho	Min. le Numb	Amenity	Reference	

	REG	QUIRED LOCATIONS	S	RECO	MMENDED LOCATION	S
		Dog	Run Nur	nber		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities		PLACEHOLDER			PLACEHOLDER	
		Seat	ing Sect	ions		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities		PLACEHOLDER			PLACEHOLDER	
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities		PLACEHOLDER			PLACEHOLDER	
	<u>.</u>	Poo	ol Numb	ers		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities		PLACEHOLDER			PLACEHOLDER	
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities		PLACEHOLDER			PLACEHOLDER	
	A		t Numb	1		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space		PLACEHOLDER			PLACEHOLDER	
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities		PLACEHOLDER			PLACEHOLDER	

	REQ	UIRED LOCATIONS	S	RECO	MMENDED LOCATION	S
		Lan	ne Numb	ers		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
		PLACEHOLDER			PLACEHOLDER	
Developed Open Space						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Ĥ.		PLACEHOLDER			PLACEHOLDER	
Outdoor Facilities						
		Age R	Requiren	nents		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
		PLACEHOLDER			PLACEHOLDER	
Indoor Facilities						
Tuennes	Amenity	Reference	Min.	Amenity	Reference	Rec.
F.		PLACEHOLDER			PLACEHOLDER	
Outdoor Facilities						



PUBLIC ART

The primary function of standards in relation to public art is to provide a designated space and designed environment to host artwork selected by the art board.

FLAG POLES

The primary function of flag poles is to support national, state and local identity.

HISTORICAL MARKERS

The primary function of historic markers is to record and enhance awareness of historical people, places and/or events. This contributes greatly to identity, culture and education.

MEMORIALS

The primary function of memorials is to record and enhance awareness of people, places, contributions and/ or events. This contributes greatly to identity, culture and education.

X.X PUBLIC ART

OVERVIEW

Acronym/Abbreviation: PART

The design, development, preservation and enhancement of public art in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of standards in relation to public art is to provide a designated space and designed environment to host artwork selected by the art board.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance

- Regulatory permitting requirements

Types

Murals Monuments Sculptures Reliefs

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	OCATIONS	5	RECOMMENDED LO	CATION	S
	This amenity shall be lo following locations in the			This amenity shall be located at ear locations in the quantities recomn		lowing
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space	City Parks Community Park		1+ 1+	Linear Park Preserves Neighborhood Park Pocket Park Special Use Park		1+ 1+ 1+ 1+ 1+
·	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Hockey Rink Indoor Sports Complex Natatorium Recreation Center Senior Center Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities				Amphitheater Community Garden Playgrounds Playscapes Sports Complex Bike Park Dog Park Skate Park Wildflower Prairie		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.		Reference	Rec.
Circulation				Multi-Purpose Trail		1+

	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPECIFICATIO	NS
	The following are specificat this classifications of culture in order to maintain the lo DPARD provides the resic Denton. Any and all modifica specifications in the develo must receive prior written the DPARD.	e & identity e evel of servio dents of the ations to the r opment of po	elements ce (LOS) city of required ublic art	The following specifications are recommender required) for this classification of culture & ic elements to assist in the equitable distril which in turn assist in maintaining/enhancin level of service (LOS) DPARD provides the res of the City of Denton. Any and all amenities specifically identified in the required/recomm specifications herein must received prior v authorization from the DPARD.	dentity bution ng the idents es not ended
	Amenity	Reference	Min.	Amenity Reference	Rec.
Site Furnishing				Benches	
	Amenity	Reference	Min.	Amenity Reference	Rec.
Pollution Control	Receptacles		2		
	Amenity	Reference	Min.	Amenity Reference	Rec.
Safety & Security	Security Lights		1+		
	Amenity	Specificatio	n		
Aesthetics	Identity	contribute t support fine within deve these guide DPARD prio	to the over e arts as veloped op elines. A por to selec	ion, availability and maintenance of public art g erall perception of how DPARD and the city of D well as the culture of Denton. Therefore all pub oen space under the purview of DPARD shall any modifications must be approved in writi ction and/or installation. nsitively integrated into the fabric of the overa	enton olic art follow ing by
	Hardware			re and fasteners shall be low profile, vandal res shed to match unit.	istant,

X.X FLAG POLES

OVERVIEW

Acronym/Abbreviation: FLPA

The design, development, preservation and enhancement of flag poles in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of flag poles is to support national, state and local identity.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

I			S	REQUIRED LOCA		
	This amenity shall be lo following locations in the			This amenity shall be located at ea locations in the quantities recomm		llowing
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space	City Parks Community Park		1+ 1+	Linear Park Preserves Neighborhood Park Pocket Park Special Use Park		1+ 1+ 1+ 1+ 1+
space .	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities	-			Community Center Gymnastic Center Indoor Ice Hockey Rink Indoor Sports Complex Natatorium Recreation Center Senior Center Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	REQUIRED SPE	CIFICATIO	NS	RECOMMENDED SPEC	IFICATIO	ONS
	The following are specific this classification of cultu in order to maintain the DPARD provides the res Denton. Any and all modif specifications in the deve must receive prior writte the DPARD.	re & identity e level of servi sidents of the ications to the lopment of a f	elements ce (LOS) City of required flag pole	The following specifications are r required) for this classification of elements to assist in the equi which in turn assist in maintain level of service (LOS) DPARD prov of the City of Denton. Any and specifically identified in the requir specifications herein must rece authorization from the DPARD.	culture & id itable distri ing/enhanci vides the res all ameniti red/recomm	dentity ibution ng the sidents es not rended
	Amenity	Specificatio	on			
Aesthetics	Identity	park syster thereof gre Denton. Th purview of	m. Their atly contr nerefore a DPARD sl	sensitively integrated into the fal aesthetics, function, availability ibute to the overall identity of DPA all flag poles within developed ope nall follow these guidelines. Any n ng by DPARD prior to selection and	and mainte ARD and the on space und nodification	enance city of der the s must
	Color	Flag poles s aluminum.	hall not b	e painted. They shall remain eithe	er stainless s	steel or
	Hardware			re and fasteners shall be low profil shed to match unit.	e, vandal res	sistant,
	Warranty	A one-year	warranty	is required.		
	Life Cycle Expectations	of 20 years	of norm	ated to require replacement after a al and ordinary usage. Those nu , usage and environmental factors	mbers are o	directly

	REQUIRED SPEC	CIFICATIONS	RECOMMENDED SPECIFICATIONS
	Amenity	Specification	
Þ	Installation Notes	All flag poles shall recommendations.	be installed in accordance with manufacturer's
Aesthetics	Options	Denton Parks System	een selected as the standard option for use in the m. Any and all substitutions must be approved in ARD prior to installation.
		Option 1: Manufacturer: Betsy Type: Pedestrian Am Product/Catalog #: 3 Color: Cost:\$2,260.00 Notes: Site:	
		Ornamer Optional Additiona Charge Conceale Halyard Revolvin Truck 3/8" Stainler Steel Ball Bearings Stainlers Ste Stainlers Ste Stainlers Ste Stainlers Ste Stainlers Ste Aircraft Cable Shock Spring Safety Cable Neoprer Conceale Harder Cable Neoprer Conceale Aircraft Cable Beade Counter weight EadepoLes Ring	at d g ss er ef e a a d

X.X HISTORICAL MARKERS

OVERVIEW

Acronym/Abbreviation: HMAR

The design, development, preservation and enhancement of historical markers in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of historic markers is to record and enhance awareness of historical people, places and/or events. This contributes greatly to identity, culture and education.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	OCATIONS	5	RECOMMENI	DED LOCATION	S
	This amenity shall be lo following locations in the o			This amenity shall be loc locations in the quantiti		lowing
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space	City Parks Community Park Linear Parks Preserves Neighborhood Park Pocket Park Special Use		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
东	Multi-purpose Trail Mountain Bike Trail Paddling Trail					
Circulation						
	*If site/location qualifies f	or a historical	marker			

X.X MEMORIALS

OVERVIEW

Acronym/Abbreviation: MEM

The design, development, preservation and enhancement of memorials in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of memorials is to record and enhance awareness of people, places, contributions and/or events. This contributes greatly to identity, culture and education.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance

- Regulatory permitting requirements

Types

Plaques Murals Sculptures Reliefs

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LC	OCATIONS	5	RECOMMENDE	D LOCATION	S
	This amenity shall be loo following locations in the o			This amenity shall be locate locations in the quantities		lowing
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space	City Parks Community Park Linear Parks Preserves Neighborhood Park Pocket Park Special Use Cemeteries		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
东	Multi-purpose Trail Mountain Bike Trail Paddling Trail					
Circulation						
	REQUIRED SPEC	CIFICATIO	NS	RECOMMENDED	SPECIFICATIO	ONS
	The following are specification of culture in order to maintain the DPARD provides the resident of the culture Denton. Any and all modified specifications in the develoce must receive prior writted the DPARD.	e & identity e level of servi dents of the cations to the opment of a m	lements ce (LOS) City of required nemorial	The following specification required) for this classifica- elements to assist in the which in turn assist in m level of service (LOS) DPAR of the City of Denton. An specifically identified in the specifications herein mus- authorization from the DP	ation of culture & id a e equitable distri aintaining/enhanci RD provides the res by and all ameniti e required/recomm st received prior v	dentity bution ng the sidents es not ended
	Amenity	Specificatio	on			
Aesthetics	Identity	park syster thereof gre Denton. Th purview of	n. Their atly contr erefore a DPARD s	sensitively integrated into aesthetics, function, avai ibute to the overall identity Il memorials within develop nall follow these guidelines ng by DPARD prior to select	ability and mainte of DPARD and the oed open space und . Any modification	enance city of der the s must
	Color	Due to the r	nature of	memorials, any of the appr	oved colors may be	e used.
	Hardware			re and fasteners shall be lov shed to match unit.	v profile, vandal res	sistant,



Section 7: SITE FURNISHINGS

This section outlines the required and recommended specifications for site furnishings within the City of Denton. The following are the definitions of the items that can be found in the following pages.

Existing conditions, accessibility guidelines and safety requirements will determine placement in relation to pedestrian pathways, eating space, outside of the path of travel. Long term goal is for civic spaces to share in consistency/similarity of site furnishings.

BENCHES

The primary function of benches is to provide a specific space and site furnishing to support rest within the parks system.

The primary function of bike racks is to provide a specific space and site furnishing for cyclists to safely secure their bikes within the park system.

BIKE RACKS

BIKE STATIONS

The primary function of bike stations is to provide a specific space and site furnishing for maintenance to personal bicycles within the parks system.

BLEACHERS

The primary function of bleachers is to provide a specific space and site furnishing for viewing sporting events.

DRINKING FOUNTAINS

The primary function of drinking fountains is to provide a specific space and site furnishing for accessing safe drinking water within the parks system.

PICNIC TABLES

The primary function of picnic tables is to provide a specific space and site furnishing for park users to sit, relax, and eat.

SEAT WALL

The primary function of seat walls is to provide a specific space and site furnishing for park users to sit where there are no designated benched or picnic tables nearby.

GRILLS

The primary function of grills is to provide a specific space and site furnishing for park users to cook within the park system.

PLANTERS

The primary function of planters is to provide a specific space and site furnishing to enhance aesthetics within parks.

X.X BENCHES

OVERVIEW

Acronym/Abbreviation: BNCH

The design, development, preservation and enhancement of benches in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of benches is to provide a specific space and site furnishing to support rest within the parks system.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATIONS	5	RECOMMENDED LOCATION	١S
	This site furnishing shall be following locations in the q			This site furnishing shall be located at eac following locations in the quantities recomm	
	Amenity	Reference	Min.	Amenity Reference	Rec.
Developed Open Space	City Park Community Park Linear Park Preserve Neighborhood Park Pocket Park Special Use Park		10 10 2 2 2 2 2 2 2	City Park Community Park Linear Park Preserve Neighborhood Park Pocket Park Special Use Park	11+ 11+ 3+ 3+ 3+ 3+ 3+ 3+
	Amenity	Reference	Min.	Amenity Reference	Rec.
Indoor Facilities	Community Center Gymnastic Center Indoor Ice Hockey Rink Indoor Sports Complex Nature Center Recreation Center Senior Center Water Park		2 2 2 1+ 2 2 1+		
	Amenity	Reference	Min.	Amenity Reference	Rec.
Outdoor Facilities	Swimming Pools Sprayground Community Garden Disc Golf Course Driving Range Basketball Court Multi-Purpose Court Volleyball Court Playground Playscape Putting Green Sports Complex Bike Park Dog Park Skate Park		2 2 3 1+ 1 1+ 1+ 1 1 4 2 2 2		
	Amenity	Reference	Min.	Amenity Reference	Rec.
东	Multi-Purpose Trail		PRN		
Circulation					

	REQUIRED SP	ECIFICATIO	NS	RECOMMENDED SPECIFICATIO	NS
	The following are required for this cl of site furnishings i the level of service (I the residents of the and all modificatio specifications in th benches must red authorization from th	assification of t in order to main LOS) DPARD provection City of Denton. Ins to the requence the development ceive prior wr	ypes ntain vides Any uired t of	The following specifications are recomm (not required) for this classification of types furnishings to assist in the equitable distri which in turn assist in maintaining/enhancin level of service (LOS) DPARD provides the ress of the City of Denton. Any and all amenities specifically identified in the required/recomm specifications herein must received prior w authorization from the DPARD.	of site bution ng the sidents es not ended
	Amenity	Reference Mi	in.	Amenity Reference	Rec.
Communication/ wayfinding				Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights	1+ 1+ 1+
waynnanig					
Safety & Security				Low Mast Lighting	1+
,	Amenity	Specification	I		
Aesthetics	Color	may be a Green: Seating Orange: Seatin Pink: Seating m Purple: Seating Red: Seating m	altern may l g may nay be g may ay be	ramework of benches shall be black. Seating ate colors. Slats and webcoat of benches. be alternate colors. Slats and webcoat of benches be alternate colors. Slats and webcoat of benches alternate colors. Slats and webcoat of benches be alternate colors. Slats and webcoat of benches be alternate colors. Slats and webcoat of benches alternate colors. Slats and webcoat of benches be alternate colors. Slats and webcoat of benches be alternate colors. Slats and webcoat of benches	ches. s. nes. s.
	Wood	termite infestat creates a safet	tion, t ty haz	od because: wood footing will rot, they are pro he shrink/swell defect of moisture loosens bol ard, and pressure treated wood contains chr A), a carcinogen.	ts and
	Identity	system. Their greatly contribu as well as the support and er benches within DPARD shall fol	aesth ute to overa ncoura devel llow th	nsitively integrated into the fabric of the overa etics, function, availability and maintenance the the overall identity of DPARD and the city of D Il perception of how DPARD and the city of D age comfort, convenience and safety. Theref loped/undeveloped open space under the purv nese guidelines. Any modifications must be app prior to selection and/or installation.	hereof Denton Denton ore all view of

Amenity	ECIFICATIONS RECOMMENDED SPECIFICATIONS Specification
Layout Examples	Bench Adjacent to sidewalk (min. requirements)
	¹² ¹² ¹² ¹² ¹² ¹² ¹⁰ ¹² ¹⁰ ¹⁰ ¹⁰ ¹⁰ ¹⁰ ¹⁰ ¹⁰ ¹⁰
	Example of companion seating
	Bench Bench Bench Bench Bench Bench Bench
	Example of companion seating
	Bench Påthway / Trail
Amenity	Specification
Installation surface	Research on concrete as an installation surface for benches has shown to perform the best and to have the lowest regular maintenance requirements for a variety of installation methods. Both in-ground and surface mounts work well on concrete and are easy to install.
Mounting Options	Research has identified two options available for mounting benches and their definitions are below. Surface mount and / or in-ground mount a the preferred mounting options for the Denton park system.
	Surface Mount: The metal flange or base is anchored to the ground wit appropriate hardware. Tamper proof options are available for greater security. In-Ground Mount: The bench is embedded into concrete footings.
Bench Seating Layout Options	Research has identified numerous layout options for bench seating. It h been determined that stand alone and companion bench seating layou meet the current needs of the DPARD.
	Stand Alone Layout: a single bench on a concrete slab Companion Layout: two benches arranged in a manner that larger groups may congregate in a single area

	REQUIRED SP	ECIFICATIONS	RECOMMENDED SPECIFICATIONS
	Amenity	Specification	
MISC	Hardware	All mounting hardwa stainless steel or fini	re and fasteners shall be low profile, vandal resistant, shed to match unit.
	Recommendations		that benches have an adjacent companion seating th of travel whenever possible.
	Installation Notes		ollow all manufacturer's specifications and be in nufacturer's recommendations.
	Warranty	A one-year minimu installation thereof.	m warranty is required on all new benches and
	Life Cycle Expectations	Benches are anticipa and ordinary use.	ated to require replacement after 20 years of normal
	Installation Notes	concrete pad. All be of the bench parall obstruction at the fr	e placed on decomposed granite or on a reinforced enches shall be centered on the pad with the length el to the length of the pad. If there is a non-flush ront of the bench shall either be placed flush to that poverhang it, so as not to present a safety hazard.
		All fasteners shall be	stainless steel.
	Maintenance	Maintenance of site	furnishings shall include the following:
		missing hardware ar be clean, operationa	n a regular schedule for structural integrity, loose or nd repair/replace as necessary. Site furnishings shall l/functional and free of rust. All surfaces must be free sed sharp edges and/or pointed corners.
		need of repairs in re	e furnishings shall be inspected for graffiti and/or the elation to coatings/paint including but not limited to cks, scratches and any other form of damage.

		SPECIFICATIONS	RECOM	MENDED SPECIFICATION
		Standard Opt	tions	
Bench Options	Any and all sub			ns for use in the Denton Parks Syst rom the Denton Parks and Recrea
		Option 1		Option 2
	Manufacturer	Dumor		Dumor
	Туре	Pedestrian amenity		Pedestrian amenity
	Product/	Bench 58-60 series w/center	armrest	Bench 91-60TX
	Color	Black Frame / Antique Mahogany Plastic	e	Black Frame / Antique Mahogany Plastic
	Cost	\$1,616.00		\$905.00
		Standard Op	tions	
Bench Options		A COMPANY AND		
		Option 3		Option 4
	Manufacturer	Webcoat		Webcoat
	Туре	pedestrian amenity		pedestrian amenity
	Product/ Catalog #	B6WBULSM-POLY Surface Mount		B6ULSM-POLY Surface Mount
	Color	Green w/ Black Frame		Green w/ Black Frame
	Cost	\$662.00		\$Waiting on Quote

X.X BIKE RACK

OVERVIEW

Acronym/Abbreviation: BRK

The design, development, preservation and enhancement of bike racks in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of bike racks is to provide a specific space and site furnishing for cyclists to safely secure their bikes within the park system.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

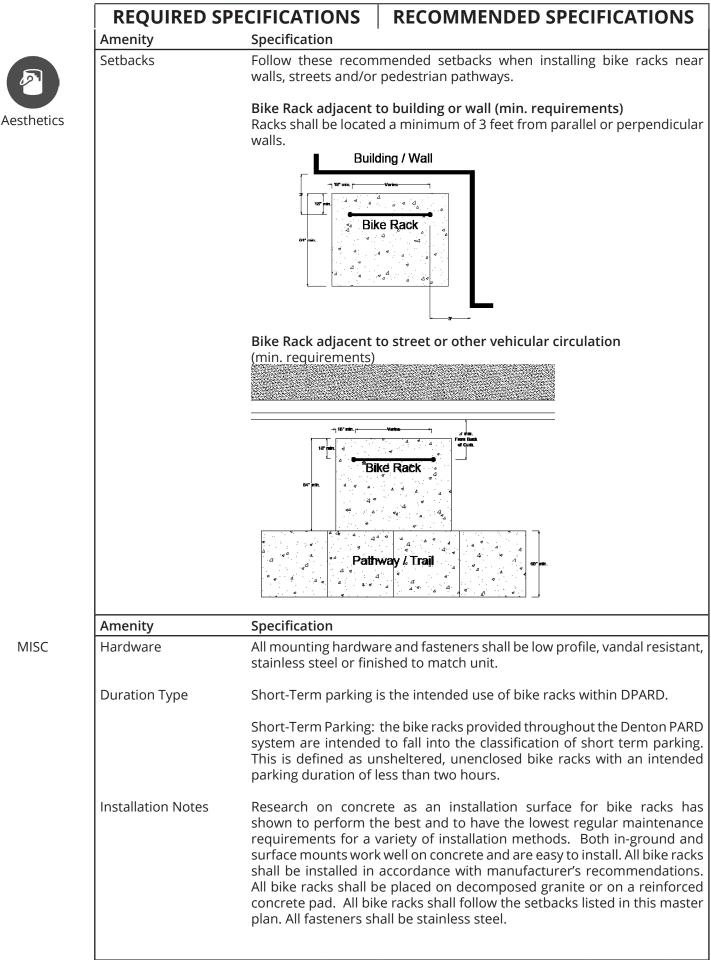
In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	OCATIONS	5	RECOMMENDED	LOCATION	S
			This site furnishing shall be located at each of the following locations in the quantities recommended.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space	City Park Community Park Preserve Neighborhood Park Pocket Park Special Use Park		2 2 1 1 1 1	Linear Park		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities	Community Center Gymnastic Center Indoor Ice Hockey Rink Natatorium Nature Center Recreation Center Senior Center Water Park		1 1 1 1 1 1	Indoor Sports Complex		1
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities	Swimming Pools Bike Park Sports Complex		1 1 1	Sprayground Community Garden Disc Golf Course Tennis Court Skate Park		1 1 1 1
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation	Multi-Purpose Trail		PRN			

	REQUIRED SPE	CIFICATI	ONS	RECOMMENDED SPECI	FICATIO	NS
	The following are required for this class site furnishings in orc level of service (LOS) I residents of the City of modifications to the re- in the development of receive prior written au DPARD.	ification of t der to maint DPARD provi Denton. Any quired specif of bike rack	types of tain the ides the and all fications s must	The following specifications are (not required) for this classification furnishings to assist in the equire which in turn assist in maintaining level of service (LOS) DPARD provious of the City of Denton. Any and specifically identified in the require specifications herein must receive authorization from the DPARD.	on of types of table distrik ng/enhancir ides the resi all amenitie ed/recommo	of site oution ng the idents es not ended
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Communication/ wayfinding				Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights		1+ 1+ 1+
	Amentity	Reference	Min.	Amenity	Reference	Rec.
Safety & Security				Low Mast Lighting		1+
Salety & Security	Amenity	Specificatio				
	Color	•		ramowork of bike racks shall be bi	ack	
Aesthetics	Identity	Black: All structural framework of bike racks shall be black. Bike racks shall be sensitively integrated into the fabric of the overall park system. Their aesthetics, function, availability and maintenance thereof greatly contribute to the overall identity of DPARD and the city of Denton as well as the overall perception of how DPARD and the city of Denton support and encourage comfort, convenience and safety. Therefore all bike racks within developed/undeveloped open space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/or installation.				enton enton enton ore all urview
	Setbacks	of way. Bik when install Follow thes walls, street	e racks s led near se recom djacent t	w adequate clearance space withi shall follow these minimum recom- walls, streets and/or pedestrian pat mended setbacks when installing pedestrian pathways. to sidewalk (min. requirements)	mended set thways.	backs



	REQUIR	ED SPECIFICATI	ONS R	ECOMMENDED SPECIFICATIONS		
	Amenity	Specificati	on			
MISC	Warranty	A one-year installation		varranty is required on all new bike racks and		
	Life Cycle Exp	ectations Bike racks and ordina		d to require replacement after 20 years of normal		
	Mounting Op	bike racks	and their de	three options available for mounting horizontal finitions are below. Surface mount and/or in- preferred mounting options for the Denton park		
		appropriat security. In-Ground Rail Mount standing.	In-Ground Mount: The rack is embedded into concrete surface. Rail Mount: Racks are bolted to rails which may be anchored or left free standing.			
	T		ard Options			
Bike Rack Options	Any and all s			dard options for use in the Denton Parks System. writing from the Denton Parks and Recreation		
		Option 1		Option 2		
	Manufacturer	Dumor		Dumor		
	Туре	pedestrian am	enity	pedestrian amenity		
	Product/ Catalog	Bike rack 188		Bike rack 125-30		
	Color	black		black		
	Cost	\$815.00		\$480.00		
	Notes	ties into existing amenities the city	s located around	ties into existing amenities located around the city		
				Co. cl. al		
				Option 3		
	Manufacturer			custom		
	Туре			pedestrian amenity		
	Product/					
	Catalog #					
	Color					
	Cost					
	Notes		ties into exis	ting amenities located around the city		

X.X BIKE STATIONS

OVERVIEW

Acronym/Abbreviation: BST

The design, development, preservation and enhancement of bike stations in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of bike stations is to provide a specific space and site furnishing for maintenance to personal bicycles within the parks system.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneouslyB) facilities administrative visibility/
 - control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	OCATIONS	5	RECOMMENDED LOCATION	S
			This site furnishing shall be located at each of the following locations in the quantities recommended.		
	Amenity	Reference	Min.	Amenity Reference	Rec.
Developed	City Park Community Park		1 1	Linear Park Preserve Neighborhood Park Pocket Park	1 1 1 1
Open Space				Special Use Park	1
	Amenity	Reference	Min.	Amenity Reference	Rec.
Indoor Facilities	Recreation Center		1	Community Center Indoor Sports Complex	1 1
	Amenity	Reference	Min.	Amenity Reference	Rec.
Outdoor Facilities	Bike Park		1	Sports Complex	1
	Amenity	Reference	Min.	Amenity Reference	Rec.
Circulation	Multi-Purpose Trail		PRN		

	REQUIRED SPE	CIFICATIONS	RECOMMENDED SPECIFICATIO	
	The following are required for this clas site furnishings in or level of service (LOS) residents of the City o modifications to the re in the development of receive prior written the DPARD.	sification of types of der to maintain the DPARD provides the f Denton. Any and all equired specifications of bike stations must	The following specifications are recomm (not required) for this classification of types furnishings to assist in the equitable distri- which in turn assist in maintaining/enhanci- level of service (LOS) DPARD provides the res- of the City of Denton. Any and all ameniti- specifically identified in the required/recomm specifications herein must received prior of authorization from the DPARD.	of site bution ng the sidents es not ended
	Amenity	Reference Min.	Amenity Reference	Rec.
Communication/ wayfinding			Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights	1+ 1+ 1+
- ČČ-			Low Mast Lighting	1+
Safety & Security				
	Amenity	Specification		
	Color	Black: All structural be black Green: Cover may b	framework of bike stations shall be black. Cov e green	er may
Aesthetics	Identity	system. Their aesth greatly contribute to as well as the overa support and encour bike racks within de of DPARD shall fol	esensitively integrated into the fabric of the over- netics, function, availability and maintenance to the overall identity of DPARD and the city of D all perception of how DPARD and the city of D rage comfort, convenience and safety. Therefore veloped/undeveloped open space under the p low these guidelines. Any modifications m by DPARD prior to selection and/or installation	hereof Denton Denton fore all urview ust be
	Setbacks	walls, streets and/or in a location and m	mended setbacks when installing bike station pedestrian pathways. Bike stations shall be in nanner that bicycles being repaired do not in cular traffic flow in adjacent areas.	stalled
	Options	Bike Station adjace	nt to pathway/trail (min. requirements)	
		84° min. 42° min. 43° min. 44°	Bike Station *	

		D SPECIFICATIONS	RECOMMENDED SPECIFICATION		
	Amenity	Specification			
Aesthetics	Options	Bike Station adja	cent to building/wall (min. requirements)		
		42 194 min.			
	Amenity	Specification			
MISC	Warranty	A one-year minin installation there	num warranty is required on all new bike stations a of.		
	Life Cycle Expectations		Bike stations are anticipated to require replacement after 20 years of normal and ordinary usage.		
	Installation Su	rface shown to perform requirements for	Research on concrete as an installation surface for bike stations has shown to perform the best and to have the lowest regular maintenance requirements for a variety of installation methods. Both in-ground an surface mounts work well on concrete and are easy to install.		
	Mounting Opti	ons and their definition	Research has identified two options available for mounting bike stations and their definitions are below. Surface mount and/or in-ground moun are the preferred mounting options for the Denton park system.		
		appropriate hard security.	The metal flange is anchored to the ground w ware. Tamper proof options are available for grea		
		In-Ground Moun Standard O	t: The rack is embedded into concrete surface.		
Bike Station	Two bike stat		as the standard options for use in the Denton Pa		
Options		ubstitutions must be app	roved in writing from the Denton Parks and Recreat		
	Manufacture	Option 1	Option 2		
	Manufacturer Type	MDF pedestrian, cyclist am	MDF enity pedestrian, cyclist amenity		
	Product/	195 SM Bottle Filler			
	Catalog #	Repair Station			
	Color	black	black		
		\$815.00	\$480.00		

X.X BLEACHERS

OVERVIEW

Acronym/Abbreviation: BLCH

The design, development, preservation and enhancement of bleachers in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of bleachers is to provide a specific space and site furnishing for viewing sporting events.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	This site furnishing sha of the following locatio required.			This site furnishing shall be located following locations in the quantities r	at each recomme	of the nded.
	Amenity	Reference	Min.	Amenity Ref	ference	Rec.
Indoor Facilities	Sports Complex		2+			
	Amenity	Reference	Min.	Amenity Ref	ference	Rec.
Outdoor Facilities	Baseball Field (Adult) Baseball Field (Youth) Football Field Rugby Field Soccer Field (Adult) Soccer Field (Youth) Softball Field (Adult) Softball Field (Youth)		2+ 2+ 2+ 2+ 2+ 2+ 2+ 2+ 2+ 2+			
	REQUIRED SPE The following are required for this classi site furnishings in ord level of service (LOS) I residents of the City of modifications to the red in the development receive prior written au DPARD.	specification fication of t ler to maint DPARD provi Denton. Any quired specif of bleacher	ns are ypes of ain the des the r and all fications s must	RECOMMENDED SPECIFI The following specifications are (not required) for this classification of furnishings to assist in the equitab which in turn assist in maintaining/ level of service (LOS) DPARD provide of the City of Denton. Any and all specifically identified in the required/ specifications herein must received authorization from the DPARD.	recomme of types o ole distrik /enhancir es the resi amenitie /recomme	ended of site oution ng the idents es not ended
	Amenity	Reference	Min.	Amenity Re	eference	Rec.
Communication/ wayfinding				Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Reservations		1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity Re	eference	Rec.
Safety & Security				Mid Mast Lighting Low Mast Lighting		1+ 1+
Salety & Security						

REQUIRED SI	PECIFICATIONS RECOMMENDED SPECIFICATIONS
Amenity	Specification
Color	Aluminum: Bleachers shall not be painted, they must remain in their aluminum finish Black: All structural framework of bleachers shall be black.
Identity	Bleachers shall be sensitively integrated into the fabric of the overall park system. Their aesthetics, function, availability and maintenance thereo greatly contribute to the overall identity of DPARD and the city of Dentor as well as the overall perception of how DPARD and the city of Dentor support and encourage comfort, convenience and safety. Therefore al bleachers within developed/undeveloped open space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/or installation.
Setbacks	Follow these recommended setbacks when installing bleachers nea walls, streets and/or pedestrian pathways.
	Concrete Bleacher Pad (min. requirements)
	стать стана ст Стана стана стан
	Bleacher Pad
Amenity	Specification
Warranty	A one-year minimum warranty is required on all new bleachers and installation thereof.
Life Cycle Expectation	ns Bleachers are anticipated to require replacement after 20 years of norma and ordinary usage
Installation Surface	Research on concrete as an installation surface for bleachers has shown to perform the best and to have the lowest regular maintenance requirements for installation methods. Surface mounts work well or concrete and are easy to install.
Installation Notes	Installation shall follow all manufacturer's specifications. All bleacher shall be mounted on a concrete slab. All mounting hardware shall be stainless steel. All bleachers shall be surface mount
	Bleachers shall be installed in a location and manner that spectator will not impede pedestrian and vehicular traffic flow in adjacent areas All bleachers shall be placed on a reinforced concrete pad. All bleacher shall be centered on the pad with the length of the bleacher parallel to the length of the pad. If there is a non-flush obstruction at the front of the bleacher, bleacher shall either be placed flush to that obstruction or sha overhang it, so as not to present a safety hazard. Exception: bleachers on soccer fields will be placed on turf, no decomposed granite or concrete pads. This practice is in relation to the need to frequently move fields due to wear.

	nenity ounting Options	Specification			
MISC Mo	ounting Options				
		Research has identified one option available for mounting blea the definition is below. Surface mount is the preferred mount for the Denton park system.			
			e metal flange is anchored to the ground with re. Tamper proof options are available for greater		
		Standard Optio	ons		
Options An	ur bleachers have by and all substitu partment prior to	tions must be approved	ndard options for use in the Denton Parks System. in writing from the Denton Parks and Recreation		
		STARE SHOWN			
		Option 1	Option 2		
M	anufacturer	BSN Sports	BSN Sports		
Ту	/pe	pedestrian amenity	pedestrian amenity		
	roduct/ atalog #	BEPG21	NB0521V		
Co	olor	Aluminum	Aluminum		
Co	ost	\$794.99	\$5,449.99		
No	otes	21' Players Bench	Dimensions: 5 Row-21'L x 92"H x 109"D		
			seats 70 Bleachers w/ vertical picket railing		
		Option 3	Option 4		
M	anufacturer	BSN Sports	BSN Sports		
	/pe	pedestrian amenity	pedestrian amenity		
Pr	roduct/ atalog #	NB0315	NB0321		
	olor	Aluminum	Aluminum		
Co	ost	\$1,569.99	\$1,844.99		
No	otes	Dimensions: 3 Row - 15'L x 30"H x 60"D	Dimensions: 3 Row - 21′L x 30″H x 60″D		
		seats 30	seats 42		

X.X DRINKING FOUNTAINS

OVERVIEW

Acronym/Abbreviation: DRFO

The design, development, preservation and enhancement of drinking fountains in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of drinking fountains is to provide a specific space and site furnishing for accessing safe drinking water within the parks system.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance

- Regulatory permitting requirements

Features

Vandal Resistant Dual Purpose Activated by a low-weight, five pounds or less, push button operation mechanism.

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	OCATIONS	5	RECOMMENDED LOCATION	S
	This site furnishing shall be following locations in the o			This site furnishing shall be located at each following locations in the quantities recomme	
	Amenity	Reference	Min.	Amenity Reference	Rec.
Developed Open Space	City Park Community Park Neighborhood Park		1 1 1	Linear Park Preserve Pocket Park Special Use Park	1 1 1 1
Space	Amenity	Reference	Min.	Amenity Reference	Rec.
Indoor Facilities	Recreation Center		1	Community Center Indoor Sports Complex	1
	Amenity	Reference	Min.	Amenity Reference	Rec.
Outdoor Facilities	Bike Park Community Garden Sports Complex Skate Park Restrooms		1 1 1 1	Amphitheater Disc Golf Driving Range Pavilion Playgrounds Playscapes Sprayground Swimming Pool Tennis Courts	1 1 1 1 1 1 1 1 1
	Amenity	Reference	Min.	Amenity Reference	Rec.
Circulation	Multi-Purpose Trail		PRN		
	REQUIRED SPEC	CIFICATIO	NS	RECOMMENDED SPECIFICATIO	ONS
	The following are specified for this classification of type in order to maintain the DPARD provides the rest of Denton. Any and all required specifications in drinking fountains must authorization from the DP	pes of site fur level of servi- esidents of t modifications the develop receive prior PARD.	nishings ce (LOS) the City to the ment of written	The following specifications are recomm (not required) for this classification of types furnishings to assist in the equitable distri which in turn assist in maintaining/enhanci level of service (LOS) DPARD provides the res of the City of Denton. Any and all ameniti specifically identified in the required/recomm specifications herein must received prior v authorization from the DPARD.	of site bution ng the sidents es not ended
	Amenity	Specificatio			
Aesthetics	Color	Black: All st	ructural f	ramework of drinking fountains shall be black	

	REQUIRED SP	ECIFICATIONS RECOMMENDED SPECIFICATIONS
	Amenity	Specification
Aesthetics	Identity	Drinking fountains shall be sensitively integrated into the fabric of the overall park system. Their aesthetics, function, availability and maintenance thereof greatly contribute to the overall identity of DPARD and the city of Denton as well as the overall perception of how DPARD and the city of Denton support and encourage comfort and safety. Therefore all drinking fountains within developed open space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/or installation.
	Setbacks	Follow these recommended setbacks when installing drinking fountains on concrete pads.
		Drinking Fountain on Round Concrete Pad (min. requirements)
		72° Dia. Min.
		Drinking Fountain on Square Concrete Pad (min. requirements)
		72" min.
		Pad

REQUIRED SPE	CIFICATIONS RECOMMENDED SPECIFICATIONS		
Amenity	Specification		
Warranty	A one-year minimum warranty is required on all new drinking fountains and installation thereof.		
Life Cycle Expectations	Drinking fountains are anticipated to require replacement after 10 years of normal and ordinary usage.		
nstallation Surface	Research on concrete as an installation surface for drinking fountains has shown to perform the best and to have the lowest regular maintenance requirements for installation methods. Surface mounts work well on concrete and are easy to install.		
Installation Notes	Installation shall follow all manufacturer's specifications. Drinking fountains shall be mounted on a concrete slab unless wall mounted. All anchors and anchoring material (bolts, nuts, washers, etc.) Shall be stainless steel.		
	All fountains shall be connected to sewer lines in accordance with the Uniform Plumbing Code. The incoming water lines shall have a ball type shut-off valve located off the slab in an approved valve box. The valve body shall be of bronze or stainless steel. The interior parts shall be the same type as the body. The outgoing waste line shall have a minimum 2" "Y" type strainer installed and placed in an approved valve box off the slab. Strainer will be positioned to allow easy access to strainer opening.		
Mounting Options	Research has identified options available for mounting drinking fountains and the definitions are below. Surface mount is the preferred mounting option for the Denton park system.		
	Surface Mount: The metal flange is anchored to the ground witl appropriate hardware. Tamper proof options are available for greate security. Wall Mount: Self explanatory.		
Hardware	All mounting hardware and fasteners shall be low profile, vandal resistant, stainless steel or finished to match unit.		

	REQUI	RED SPECIFICATIONS	RECOMMENDED SPECIFICATIONS				
	Standard Options						
Options	Drinking fountains have been selected as the standard options for use in the Denton Parks System. Any substitutions must be approved in writing from the Denton Parks and Recreation Department prior to installation.						
	their life cycle	* All drinking fountains are planned to be replaced over the next ten years as they reach the end of their life cycles. The parks department was requested to ensure that fountains include dog bowls and bottle fillers where applicable.					
		Option 1	Option 2				
	Manufacturer	MDF	MDF				
	Туре	pedestrian amenity	pedestrian amenity				
	Product/ Catalog #	2440 SMSS W/Optional Pet Fountain and Bottle Filler	10155 SMSS Bottle Filler				
	Color	Textured Black or Pyrite	Textured Black or Pyrite				
	Cost	\$5230.00	\$4,103.00				

X.X GRILLS

OVERVIEW

Acronym/Abbreviation: GRIL

The design, development, preservation and enhancement of grills in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of grills is to provide a specific space and site furnishing for park users to cook within the park system.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/

- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED I	LOCATIO	NS	RECOMMENDED LOCATION	IS	
	This site furnishing sh of the following locat required.			This site furnishing shall be located at each of the following locations in the quantities recommended.		
	Amenity	Reference	Min.	Amenity Reference	Rec.	
Developed Open	City Park Community Park Neighborhood Park		2 2 1	Preserve Special Use Park	1 1	
Space						
	Amenity	Reference	Min.	Amenity Reference	Rec.	
R	Pavilions		1	Picnic Tables	1	
Outdoor Facilities						
	REQUIRED SPI	ECIFICATI	ONS	RECOMMENDED SPECIFICATIO	ONS	
	The following are required for this clas site furnishings in or level of service (LOS) residents of the City of modifications to the re in the development must receive prior w from the DPARD.	sification of t der to main DPARD provi f Denton. An equired specif of drinking f	types of tain the ides the y and all ications ountain	The following specifications are recomm (not required) for this classification of types furnishings to assist in the equitable distri- which in turn assist in maintaining/enhanci- level of service (LOS) DPARD provides the res- of the City of Denton. Any and all ameniti- specifically identified in the required/recomm specifications herein must received prior wa authorization from the DPARD.	of site bution ng the sidents es not ended	
	Amenity	Reference	Min.	Amenity Reference	Rec.	
0				Informational Signs Mobile Applications	1+	
Communication/ wayfinding						
	Amenity	Specificatio	n			
	Color Identity	Black: All structural framework of grills shall be black. Grills shall be sensitively integrated into the fabric of the overall park				
Aesthetics		greatly cont as well as the support and developed of guidelines.	ribute to he overa d encour open spa Any mo	etics, function, availability and maintenance t the overall identity of DPARD and the city of D ll perception of how DPARD and the city of D age comfort and safety. Therefore all grills ice under the purview of DPARD shall follow difications must be approved in writing by D d/or installation.	Denton Denton within v these	

	-	ECIFICATIONS RECOMMENDED SPECIFICATIONS				
	Amenity Setbacks	Specification				
A	SELDACKS	Grill Mounted on Concrete Pad (min. requirements)				
Aesthetics						
	36" min. Pad					
	Amenity	Specification				
MISC	Warranty	A one-year minimum warranty is required on all grills and installation thereof.				
	Life Cycle Expectations	Grills are anticipated to require replacement after 10 years of normal and ordinary usage.				
	Installation Surface	Research on concrete as an installation surface for grills has shown to perform the best and to have the lowest regular maintenance requirements for installation methods. Surface mounts work well on concrete and are easy to install.				
	Installation Notes	Installation shall follow all manufacturer's specifications. Grills shall be mounted on a concrete slab. All anchors and anchoring material (bolts, nuts, washers, etc.) shall be stainless steel anchors and anchoring material (bolts, nuts, washers, etc.) Shall be stainless steel. Grills shall be installed in a location and manner to minimize the impact of odors, noise and fire in relation to adjacent uses. Grills must be installed at a minimum of 50 feet from the nearest playground and/or playscape. Grills must be installed at a minimum of 20 feet from the trunk of any tree.				
	Mounting Options	Research has identified options available for mounting grills and the definitions are below. Surface mount is the preferred mounting option for the Denton park system.				
		Surface Mount: The metal flange is anchored to the ground with appropriate hardware. Tamper proof options are available for greater security. In-Ground Mount: The rack is embedded into concrete surface				
	Hardware	All mounting hardware and fasteners shall be low profile, vandal resistant, stainless steel or finished to match unit.				
	L					

	REQUI Amenity	RED SPECIFICATIONS Specification	RECOMMENDED SPECIFICATIONS
	Amenity	Standard Opt	ions
Options	Two grills have all substitution prior to insta	ons must be approved in writing fr	otions for use in the Denton Parks System. Any and om the Denton Parks and Recreation Department
		Option 1	Option 2
	Manufacturer	Dumor	Dumor
	Туре	pedestrian amenity	pedestrian amenity
	Product/ Catalog #	21-00 Grill For Embedment	24-00 Dual Level Grill For Embedment
	Color	Black	Black
	Cost	\$	\$
	Notes		

X.X PICNIC TABLES

OVERVIEW

Acronym/Abbreviation: PICT

The design, development, preservation and enhancement of picnic tables in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of picnic tables is to provide a specific space and site furnishing for park users to sit, relax, and eat.

Accessibility

Must be compliant with Americans with Disabilities act (ADA), Title 24

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/

- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED I	OCATIO	NS	REQUIRED LOCATIONS	
	This site furnishing sh of the following locat required.			This site furnishing shall be located at each following locations in the quantities recomm	
	Amenity	Reference	Min.	Amenity Reference	Rec.
Developed Open Space	City Park Community Park Preserve Neighborhood Park Pocket Park Special Use		2 2 2 2 2 2 2		
	Amenity	Reference	Min.	Amenity Reference	Rec.
Outdoor Facilities	Swimming Pools Disc Golf Course Driving Range Playgrounds Pavilions		2 2 2 2 2	Spraygrounds Community Gardens Playgrounds Playscapes Plaza Pavilions Bike Park Dog Park Skate Park	2 2 1 1+ 1+ 4 2+ 2+ 2+ 2+
	REQUIRED SPI	ECIFICATI	ONS	RECOMMENDED SPECIFICATIO	ONS
	The following are required for this clas site furnishings in or level of service (LOS) residents of the City of modifications to the re in the development must receive prior w from the DPARD.	sification of der to main DPARD prov of Denton. An equired speci of drinking	types of tain the ides the y and all fications fountain	The following specifications are recomm (not required) for this classification of types furnishings to assist in the equitable distr which in turn assist in maintaining/enhance level of service (LOS) DPARD provides the re- of the City of Denton. Any and all amenit specifically identified in the required/recomm specifications herein must received prior authorization from the DPARD.	of site ibution ing the sidents ies not nended
	Amenity	Reference	Min.	Amenity Reference	e Rec.
Communication/ wayfinding				Informational Signs Mobile Applications Memorial Markers Donor/Naming Rights Signs Reservations	1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity Reference	e Rec.
Site Furnishings				Grills	1+

	REQUIRED	SPECIFICATIONS RECOMMENDED SPECIFICATIONS				
	Amenity	Specification				
	Color	Black: All structural framework of picnic tables shall be black. Tables/ benches may be black Green : Tables/benches may be green				
Aesthetics	Identity	Picnic tables shall be sensitively integrated into the fabric of the overall park system. Their aesthetics, function, availability and maintenance thereof greatly contribute to the overall identity of DPARD and the city of Denton as well as the overall perception of how DPARD and the city of Denton support and encourage comfort and safety. Therefore all picnic tables within developed open space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/or installation.				
P	Setbacks	Follow these recommended dimensions when installing picnic tables on decomposed granite or on concrete pads.				
Aesthetics		Picnic Table Mounted on Concrete Pad (min. requirements)				
		ADA Picnic Table Mounted on Concrete Pad (min. requirements)				



	REQUIRED SPE	CIFICATIONS RECOMMENDED SPECIFICATIONS
	Amenity	Specification
MISC	Maintenance Options	Park patrons are much more inclined to use picnic tables when they can trust that the picnic tables are being properly maintained. By keeping the picnic tables in ready-to-use condition, park users will recognize the commitment DPARD has for the park and the community.
	Warranty	A one-year minimum warranty is required on all picnic tables and installation thereof.
	Life Cycle Expectations	Picnic tables are anticipated to require replacement after 15 years of normal and ordinary usage.
	Installation Notes	All picnic tables shall be installed in accordance with manufacturer's recommendations. All picnic tables shall be placed on decomposed granite or on a reinforced concrete pad. All picnic tables shall be centered on the pad with the length of the bench parallel to the length of the pad. All anchors and anchoring material (bolts, nuts, washers, etc.) Shall be stainless steel. Tables mounted on decomposed granite will be mounted to concrete footings made from a minimum of a 9" sonitube for each mounting point. Picnic tables shall be installed in a location and manner to minimize the impact of odors, noise and fire in relation to adjacent uses.
	Mounting Options	Research has identified two options available for mounting picnic tables and their definitions are below. Surface mount and/or in-ground mount are the preferred mounting options for the Denton park system.
		Surface Mount: The metal flange is anchored to the ground with appropriate hardware. Tamper proof options are available for greater security. In-Ground Mount: The rack is embedded into concrete surface
	Hardware	All mounting hardware and fasteners shall be low profile, vandal resistant, stainless steel or finished to match unit.

	REQUI	RED SPECIFICATIONS	RECOMMENDED SPECIFICATIONS
	Amenity	Specification	•
		Standard Op	tions
Options	Two picnic tak and all substi prior to instal	tutions must be approved in writin	dard options for use in the Denton Parks System. Any g from the Denton Parks and Recreation Department
		Option 1	Option 2
	Manufacturer	Dumor	Webcoat
	Туре	pedestrian amenity	pedestrian amenity
	Product/ Catalog #	Table Set 443-558-1	Ultra Leisure Rectangle Portable Table 6 Ft
	Color	Black	Green w/ Black Frame
	Cost	\$4,060.00	\$743.00
	Notes		

X.X PLANTERS

OVERVIEW

Acronym/Abbreviation: PLNT

The design, development, preservation and enhancement of planters in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of planters are to provide a specific space and site furnishing to enhance aesthetics.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
 - control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	DCATIONS	RECOMMENDED LOCATIONS		
	This site furnishing shall be following locations in the o		This site furnishing shall be located at each of the following locations in the quantities recommended.		
	Amenity	Reference Min.	Amenity Reference Rec.		
Developed Open Space	City Park Community Park Preserve Neighborhood Park Pocket Park Special Use	PLACEHOLDER			
	REQUIRED SPEC	CIFICATIONS	RECOMMENDED SPECIFICATIONS		
	The following are specified for this classification of types in order to maintain the DPARD provides the rest Denton. Any and all modified specifications in the devenuest receive prior writtee the DPARD.	pes of site furnishings level of service (LOS) idents of the City of cations to the required elopment of planters	(not required) for this classification of types of site furnishings to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not		
	Amenity	Specification			
Aesthetics	Identity	contribute to the over support and encoura developed open spa	tion, availability and maintenance of planters greatly erall perception of how DPARD and the city of Denton age comfort and safety. Therefore all seat walls within ace under the purview of DPARD shall follow these difications must be approved in writing by DPARD d/or installation.		
	Amenity	Specification			
MISC	Maintenance	Structure Inspect on a regula hardware and repa operational/function protrusions, exposed Aesthetics The aesthetics of pla of repairs in relation	furnishings shall include the following: r schedule for structural integrity, loose or missing air/replace as necessary. Planters shall be clean, al and free of rust. All surfaces must be free of d sharp edges and/or pointed corners. anters shall be inspected for graffiti and/or the need to coatings/paint including but not limited to fading, atches and any other form of damage.		

X.X SEAT WALLS

OVERVIEW

Acronym/Abbreviation: SWLL

The design, development, preservation and enhancement of seat walls in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of seat walls is to provide a specific space and site furnishing for park users to sit where there are no designated benched or picnic tables nearby.

Seating Containing Plantings Acting as Physical Barriers Providing Transitional Level Changes

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance

- Regulatory permitting requirements

Considerations

D

Seat Walls, where applicable, shall be used to encourage park users to slow down, rest, socialize and participate in passive recreational activities. By their nature, seat walls contribute to the spatial definition and perception of each park and facility within. The effect seat walls have on perception also greatly influences experience, safety and usage.

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED L	REQUIRED LOCATIONS		RECOMMENDED LOCATIONS		
			This site furnishing shall be located at each of the following locations in the quantities recommended.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.
d	City Park Community Park Preserve Neighborhood Park Pocket Park Special Use	PLACEH	OLDER			

	REQUIRED SPEC	IFICATIONS	RECOMMENDED SPECIFICATIONS
	The following are specific for this classification of typ in order to maintain the I DPARD provides the resid Denton. Any and all modific specifications in the develo must receive prior written the DPARD.	es of site furnishings evel of service (LOS) dents of the City of ations to the required opment of seat walls	The following specifications are recommended (not required) for this classification of types of site furnishings to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.
	Amenity	Specification	
Aesthetics	Identity	contribute to the over support and encoura developed open spa	tion, availability and maintenance of planters greatly erall perception of how DPARD and the city of Denton age comfort and safety. Therefore all planters within ace under the purview of DPARD shall follow these odifications must be approved in writing by DPARD d/or installation.
		Note: Developed op require places for pe	een spaces are pedestrian friendly environments and eople to sit.
	Design	Height: 16-24" 18" Preferred	t l
			d (more accommodating to opulation of users)
	Design Requirements	Surfaces shall be sm	ooth to avoid abrasions and snagging of clothing
		Material finishes sha park as well as the p	Ill respect the design vocabulary of the immediate ark system
		All seat walls shall re	equire footings
		Top of seat walls sha appearance and ana	all slope back from face to drain for better tomical fit.
		Masonry block walls plantings	shall be damp proofed if containing irrigated
		Weep holes shall be	provided
	Material	Concrete Mortared Brick Mortared Stone Brick Veneer Stone Veneer Granite Veneer	



RECEPTACLES

The primary function of receptacles is to provide a furnishings that allows for the containment of waste items.

REVETMENTS

The primary function of revetments is to provide screening where applicable.

DOG STATIONS

The primary function of dog stations is to provide a specific space and site furnishing for disposing of dog waste.

ADDITIONAL CONSIDERATIONS

The function of the additional considerations are standards that should be thought about when implementing new facilities or furnishings in the City of Denton.

X.X RECEPTACLES

OVERVIEW

Acronym/Abbreviation: RCPT

The design, development, preservation and enhancement of trash receptacles in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of receptacles is to provide a furnishings that allows for the containment of waste items.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

Considerations

All Trash Receptacles shall be in compliance with the most current version of the City of Denton Site Design Criteria Manual (Section 13).

Trash receptacles shall be installed in all private and public parks, and along all trails for collection of trash. Sufficient numbers of receptacles shall be provided to serve the users of the parks and trails.

Trash collection shall not occur within 100 feet of residential property.

When feasible, trash receptacles shall be screened.

Trash & recycling receptacles shall be installed in a location and manner that will not impede pedestrian traffic flow in adjacent areas.

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/

- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATIONS	5	RECOMMENDED LOCATIONS	
	This amenity shall be loc following locations in the q			This amenity shall be located at each of the follow locations in the quantities recommended.	wing
	Amenity	Reference	Min.	Amenity Reference R	ec.
Developed Open Space	City Park* Community Park* Preserve* Neighborhood Park* Pocket Park* Special Use* <i>*There should be 1 trash</i>		2 2 2 2 2 2 2		
	receptacle every 1/2 acre	_			
	Amenity	Reference	Min.	Amenity Reference R	ec.
Outdoor Facilities	Amphitheater Swimming Pool Community Garden Disc Golf Course Challenge Spot Driving Range Basketball Court Multi-Purpose Court Tennis Court Volleyball Court Baseball Fields (Adult) Baseball Field (Youth) Football Field (Youth) Football Field (Adult) Soccer Field (Adult) Softball Field (Youth) Softball Field (Youth) Pavilions Playgrounds Putting Greens Shade structures Sport Complex Bike Park Dog Park Skate Park		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		

RECOMMENDED SPECIFICATIONS

The following are specifications are required for this classification of types of pollution control in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of receptacles must receive prior written authorization from the DPARD.

The following specifications are recommended (not required) for this classification of types of pollution control to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.

	Amenity	Specification					
	Color	Black: All structural framework of trash receptacles shall be black. Blue: All structural framework of recycling receptacles shall be blue.					
Aesthetics	Identity	Receptacles shall be sensitively integrated into the fabric of the overall park system. Their aesthetics, function, availability and maintenance thereof greatly contribute to the overall identity of DPARD and the city of Denton. Therefore all receptacles within developed/undeveloped open space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/or installation.					
	Hardware	All mounting hardware and fasteners shall be low profile, vandal resistant, stainless steel or finished to match unit.					
	Setbacks	Follow these recommended dimensions when installing receptacles on decomposed granite or on concrete pads.					
		Single Receptacle on Concrete Pad (min. requirements)					
		12" min. Varies min. Varies min. 12" min. Varies d 12" min. Varies d 12" min. Varies d 12" min. Pred					
		Pad					
		Dual Receptacle on Concrete Pad (min. requirements)					
		12° min. Varies 12° min.					
		-Pād					

	REQUIRED S	SPECIFICATIONS RECO	MMENDED SPECIFICATIONS				
	Amenity	Specification					
MISC	Maintenance	intenance Park patrons are much more inclined to use trash & recycling when they are convenient and are being properly maintained the trash & recycling receptacles in ready-to-use condition, parecognize the commitment DPARD has for the park and the commitment DPARD has for the park					
	Mounting Options		options available for installing trash no posed granite or on a concrete surface.				
	Installation Notes	Installation Notes All receptacles shall be installed in accordance with man recommendations. All receptacles shall be placed on decompose or on a reinforced concrete pad. All receptacles shall be cente pad. Placement of the receptacles shall not inhibit the mor emptying of the contents. All anchors and anchoring material (I washers, etc.) Shall be stainless steel. All receptacles shall be i a location and manner to minimize the impact of odors, noise relation to adjacent uses.					
		A one-year minimum warrant installation thereof.	y is required on all new receptacles an				
	Warranty	number of years of normal and	o require replacement after an averag ordinary usage. Those numbers are direct d environmental factors surrounding eac				
	Life Cycle Expectation						
		Life Cycle of type of trash rece55 Gal Drums3 yrWeb Coat15 yrEmerson Cans20 yrAggregate25 yrBig Belly15 yr					
		Standard Options					
Options			is for use in the Denton Parks System. Ar Denton Parks and Recreation Departme				
	Manufacturer						
	Туре	pedestrian amenity	pedestrian amenity				
	Type Product/	pedestrian amenity Receptacle 148	pedestrian amenity TR32PERF				
	Type Product/ Catalog # Color						
	Type Product/ Catalog # Color	Receptacle 148 Black Frame / Internal	TR32PERF				

X.X REVETMENTS

OVERVIEW

Acronym/Abbreviation: RVMT

The design, development, preservation and enhancement of revetments in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of revetments is to provide screening where applicable.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

Considerations

Trash collection and compaction may not occur within 100 feet of residential property and shall be screened from public view.

Note: All Revetments shall be in compliance with the most current version of the City of Denton Site Design Criteria Manual (Section 13).

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
 - control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATIONS	5	RECOMMENDED LOCATIONS
	This amenity shall be loc following locations in the q			This amenity shall be located at each of the following locations in the quantities recommended.
	Amenity	Reference	Min.	Amenity Reference Rec.
Developed Open Space	City Park Community Park Preserve Neighborhood Park Pocket Park Special Use		1 1 1 1 1 1	
	Amenity	Reference	Min.	Amenity Reference Rec.
Outdoor Facilities	Community Center Gymnastic Center Indoor Ice Rink Sports Complex Natatorium Nature Center Recreation Center Senior Center Water Park Parking Lot		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	REQUIRED SPEC	IFICATIO		RECOMMENDED SPECIFICATIONS
	The following are specificat this classification of types in order to maintain the I DPARD provides the resid Denton. Any and all modific specifications in the develo must receive prior writter the DPARD.	of pollution evel of servion dents of the ations to the r pment of rev	control ce (LOS) City of required etments	The following specifications are recommended (not required) for this classification of types of pollution control to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.
	Amenity	Specificatio	n	
Aesthetics	Color Identity	Revetments park syster thereof grea Denton. Th purview of	s shall be n. Their atly contr erefore a DPARD sl	gate framework of revetments shall be black e sensitively integrated into the fabric of the overall aesthetics, function, availability and maintenance ibute to the overall identity of DPARD and the city of Il revetments within developed open space under the nall follow these guidelines. Any modifications must ng by DPARD prior to selection and/or installation.
	Layout	head on. E adequate fo	nsure to or trash to	s must be positioned to allow trash truck to approach urning radius, angle of approach and length are ruck. be positioned perpendicular (long axis) to vehicular
	Setbacks	access. Revetments	s shall be	e located a minimum of 50' away from all indoor/ minimize offensive odors.

X.X DOG WASTE STATIONS

OVERVIEW

Acronym/Abbreviation: DWST

The design, development, preservation and enhancement of dog waste stations in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of dog stations is to provide a specific space and site furnishing for disposing of dog waste.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneouslyB) facilities administrative visibility/ control of facilities

- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATIONS	REC

COMMENDED LOCATIONS

This amenity shall be located at each of the following locations in the quantities required. This amenity shall be located at each of the following locations in the quantities recommended.

	Amenity	Reference	Min.	Amenity	Reference Rec.
	City Park		1+		
	Community Park		1+		
	Preserve		1+		
	Neighborhood Park		1+		
Developed	Pocket Park		1+		
Open	Special Use		1+		
Space					
	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPE	CIFICATIONS
	The following are specific	ations are i	required	The following specifications are	e recommended (not
	for this classification of				
	control in order to maintai			contorl to assist in the equitab	le distribution which
	(LOS) DPARD provides the			in turn assist in maintaining/	
	of Denton. Any and all r			of service (LOS) DPARD pro	
	required specifications in				
	dog waste stations must receive prior written			specifically identified in the req	
	authorization from the DPARD.			specifications herein must re authorization from the DPARD.	
				authorization from the DPARD.	
	Amenity	Specificatio	on		
	Color			mework and receptacle of wa	ste stations may be
				eceptacle may be black.	
				receptacle may be green.	
Aesthetics		White: Lette	ering sha	li be white.	
/ contenes	Identity	Dog wasto	stations	shall be sensitively integrated	d into the fabric of
	laentity			stem. Their aesthetics, funct	
				f greatly contribute to the over	
				on. Therefore all dog waste static	
				e purview of DPARD shall follow t	
				be approved in writing by DPAI	
		and/or insta			
	Hardware	All mountin	g hardwa	re and fasteners shall be low pro	ofile, vandal resistant,
				shed to match unit.	. ,

ADDITIONAL CONSIDERATIONS

The function of the additional considerations are standards that should be thought about when implementing new facilities or furnishings in the City of Denton.

Noise Pollution

Placement of indoor/outdoor facilities shall be determined in relationship to the acoustic disturbance that potential activities within said facility may produce. Additional methods may be required to mitigate noise pollution.

Light Pollution

Surrounding land uses and adjacent indoor/outdoor facilities must be considered for potential impacts from internal/ external lighting.

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This section outlines the required and recommended specifications for recreational support within the City of Denton. The following are the definitions of the items that can be found in the following pages.

ELECTRICAL OUTLETS

The primary function of electrical outlets is to connect to the electrical grid which in turn supports active and passive recreational activities on and around indoor/ outdoor facilities as well as on/near site furnishings. The primary function of scoreboards is to support active recreational activities on courts and fields by publicly displaying the score, measuring time and displaying statistics.

SCOREBOARDS

OUTDOOR EXERCISE EQUIPMENT

The primary function of exercise equipment is to support active recreational activities in developed open space and along trails. The positive effects include improving strength, balance, and flexibility. nary function of basketball goals is to sup

The primary function of basketball goals is to support active recreational activities in developed open space. The positive effects of playing basketball include improving strength, balance, and flexibility.

BASKETBALL GOALS

FOOTBALL GOALS

The primary function of football goals is to support active recreational activities on football and/or multi-purpose fields in developed open space. The positive effects of playing football includes improving strength, balance, and flexibility.

HOCKEY GOALS

The primary function of hockey goals is to support active recreational activities on hockey rinks and multi-purpose courts in developed open space. The positive effects of in-line hockey includes improving strength, balance, and flexibility.

RUGBY GOALS

The primary function of rugby goals are to provide support active recreational activities on rugby fields and/ or multi-purpose fields in developed open space.

SOCCER GOALS

The primary function of soccer goals is to support active recreational activities on soccer fields and multi-purpose fields in developed open space. The positive effects of playing soccer include improving strength, balance, and flexibility.

BACKSTOPS

The primary function of back stops is to support active recreational activities such as baseball, softball, kickball etc. on turf areas and multi-purpose fields in developed open space. The positive effects of playing these sports include improving strength, balance, and flexibility.

DISC GOLF T PADS

[INSERT FUNCTION HERE]

DISC GOLF GOAL

[INSERT FUNCTION HERE]

X.X ELECTRICAL OUTLETS

OVERVIEW

Acronym/Abbreviation: ELCO

The design, development, preservation and enhancement of electrical outlets in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of electrical outlets is to connect to the electrical grid which in turn supports active and passive recreational activities on and around indoor/ outdoor facilities as well as on/near site furnishings.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 - B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATIONS	5	RECOMMENDED LOCATION	١S
	Recreational support shall of the following location required.			Recreational support shall be located at eac following locations in the quantities recomm	
	Amenity	Reference	Min.	Amenity Reference	Rec.
Developed Open Space	City Park Community Park Preserve Neighborhood Park Pocket Park Special Use		1 1 1 1 1		
	Amenity	Reference	Min.	Amenity Reference	Rec.
Outdoor Facilities	Amphitheater Swimming Pool Community Garden Driving Range Basketball Court Multi-Purpose Court Volleyball Court Baseball Fields (Adult) Baseball Field (Youth) Football Field (Youth) Football Field (Adult) Soccer Field (Adult) Softball Field (Adult) Softball Field (Adult) Softball Field (Youth) Pavilions Putting Greens Shade structures Sport Complex Bike Park Dog Park Skate Park		$1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\$		

	REQUIRED	SPECIFICAT	IONS	RECOMMENDED SPECIFICATIONS
	The following speci classification of ty in order to mainta DPARD provides t Denton. Any and all specifications in th outlets must receiv from the DPARD.	pes of recreation in the level of so he residents of modifications to the development	nal support (n ervice (LOS) re the City of di the required er of electrical th uthorization ar re	ne following specifications are recommended ot required) for this classification of types or creational support to assist in the equitable stribution which in turn assist in maintaining hancing the level of service (LOS) DPARD provides e residents of the City of Denton. Any and al nenities not specifically identified in the required, commended specifications herein must received ior written authorization from the DPARD.
	Amenity	Specific	ation	
P	Color	Black: V applied	Veatherproof c	overs shall be powder coated black if a finish is
esthetics	Hardware			and fasteners shall be low profile, vandal resistant, ed to match unit.
ptions		S	tandard Optio	ns
	Weatherprov	of Cover		Imper Resistant
			Industrial C	Grade GFCI
	Weatherprov Type: Recreational Item#:			Grade GFCI
	Type: Recreationa	Il Support	Industrial C Type: Recreat	onal Support
	Type: Recreationa Item#:	Il Support 14H189	Industrial C Type: Recreat Item #:	G5362
	Type: Recreationa Item#: Mfr. Model #:	Il Support 14H189 WP8V	Industrial C Type: Recreat Item #: UPC Code:	G5362

X.X SCOREBOARDS

OVERVIEW

Acronym/Abbreviation: SCBD

The design, development, preservation and enhancement of scoreboards in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of scoreboards is to support active recreational activities on courts and fields by publicly displaying the score, measuring time and displaying statistics.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATIONS	RECOMMENDED LOCATIONS			
	Recreational support shall of the following location required.					
	Amenity	Reference Min.	Amenity Reference Rec.			
Outdoor Facilities	Baseball Fields (Adult) Baseball Field (Youth) Football Field Rugby Field Soccer Field (Adult) Soccer Field (Youth) Softball Field (Adult) Softball Field (Youth)	1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+				
	REQUIRED SPEC	IFICATIONS	RECOMMENDED SPECIFICATIONS			
	The following specification this classification of typ support in order to maintai (LOS) DPARD provides the of Denton. Any and all r required specifications in of scoreboards must re authorization from the DPA	es of recreationa in the level of service residents of the City nodifications to the the developmen ceive prior writter	I (not required) for this classification of types of recreational support to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides t the residents of the City of Denton. Any and all			
	Amenity	Specification				
P	Color	Black: The structural framework of scoreboards shall be powder coate black if a finish is applied				
Aesthetics	Identity	greatly contribute t Denton support re developed open sp	nction, availability and maintenance of scoreboards o the overall perception of how DPARD and the city of creational activities. Therefore all scoreboards within bace under the purview of DPARD shall follow these odifications must be approved in writing by DPARD nd/or installation.			
	Hardware		vare and fasteners shall be low profile, vandal resistant, hished to match unit.			

X.X OUTDOOR EXERCISE EQUIPMENT

OVERVIEW

Acronym/Abbreviation: OEE

The design, development, preservation and enhancement of outdoor exercise equipment in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of exercise equipment is to support active recreational activities in developed open space and along trails. The positive effects include improving strength, balance, and flexibility.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	This recreational support located at each of the follo quantities required.			at each of the following locations in the quantities recommended.		
	Amenity	Reference	Min.	Amenity Reference	e Rec.	
Developed Open space				City Parks Community Parks Linear Parks Neighborhood Park Special Use	1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity Reference	e Rec.	
Developed Open space				Multi-Use Trails	1+	
	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SPECIFICAT	IONS	
	The following specification this classification of typ support in order to mainta (LOS) DPARD provides the of Denton. Any and all r required specifications in outdoor exercise equipment written authorization from	bes of recr in the level o residents of modifications the develop nt must rece	eational f service the City to the ment of	The following specifications are recom (not required) for this classification of recreational support to assist in the distribution which in turn assist in mai enhancing the level of service (LOS) DPARD the residents of the City of Denton. Any amenities not specifically identified in the recommended specifications herein must prior written authorization from the DPARD	types of equitable ntaining/ provides / and all required/ received	
	Amenity	Specificatio	n			
Aesthetics	Color	Blue: Outdo Green: Out Orange: Ou Pink: Outdo Purple: Out Red: Outdo	oor exerc door exerc itdoor exerc oor exerc door exe or exercis	cise equipment may be powder coated blac ise equipment may be powder coated blue. rcise equipment may be powder coated gre ercise equipment may be powder coated or ise equipment may be powder coated pink. rcise equipment may be powder coated put se equipment may be powder coated red. rcise equipment may be powder coated yel	en. ange. ple.	
	Identity	equipment the city of I exercise eq DPARD shal	ion, availability and maintenance of outdoor ontribute to the overall perception of how DF upport recreational activities. Therefore all within developed open space under the pr nese guidelines. Any modifications must be a prior to selection and/or installation.	ARD and outdoor urview of		
	Hardware			re and fasteners shall be low profile, vandal shed to match unit.	resistant,	

X.X BASKETBALL GOALS

OVERVIEW

Acronym/Abbreviation: BBGL

The design, development, preservation and enhancement of basketball goals in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of basketball goals is to support active recreational activities in developed open space. The positive effects of playing basketball include improving strength, balance, and flexibility.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

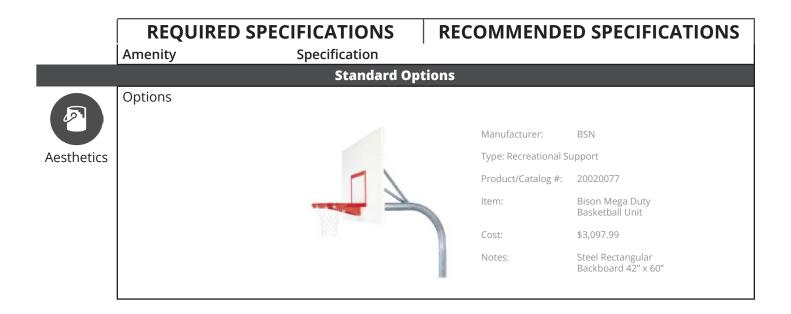
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

of the following locations in the quantities required. following locations in the quantities recommend Amenity Reference Min. Amenity Reference Reference Recreation Center 1-		REQUIRED LOCATIONS			RECOMMENDED LOCATION	IS
Important Provided Provide		of the following locations in the quantities			Recreational support shall be located at each of the following locations in the quantities recommended.	
Indioor Teen Center 1- Facilities Amenity Reference Min. Amenity Reference Reference </th <th></th> <th>Amenity</th> <th>Reference</th> <th>Min.</th> <th>Amenity Reference</th> <th>Rec.</th>		Amenity	Reference	Min.	Amenity Reference	Rec.
Basketball Courts 1+ Multi-Purpose Court 1+ Multi-Purpose Court 1+ REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATIONS The following specifications are required for this classification of types of recreational support in order to maintain the level of service (LOS) The following specifications are recommen (not required) for this classification of types in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of basketball goals must receive prior written authorization from the DPARD. The following specifications herein must receive prior written authorization from the DPARD. Menity Specification Black: Basketball goals equipment may be powder coated black. Blue: Basketball goals equipment may be powder coated black. Blue: Basketball goals equipment may be powder coated prink. Purple: B					Recreation Center	1+ 1+
Basketball Courts 1+ Multi-Purpose Court 1+ 1+ Multi-Purpose Court 1+ 1+ REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATIONS The following specifications are required for this classification of types of recreational support in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of basketball goals must receive prior written authorization from the DPARD. The following specifications herein must receive prior written authorization from the DPARD. Mainty Specifications Specifications Color Black: Basketball goals equipment may be powder coated black. Blue: Basketball goals equipment may be powder coated black. Blue: Basketball goals equipment may be powder coated prink. Purple: Basketball goals equi		Amenity	Reference	Min.	Amenity Reference	Rec.
Facilities REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATION The following specifications are required for this classification of types of recreational support in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required goals must receive prior written authorization from the DPARD. The following specifications here in maintain amenities not specifications herein must receive prior written authorization from the DPARD. Menity Specification Black: Basketball goals equipment may be powder coated black. Blue: Basketball goals equipment may be powder coated blue. Green: Basketball goals equipment may be powder coated orange. Pink: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equipment may be powder coated print. Purple: Basketball goals equip		Basketball Courts		1+		
REQUIRED SPECIFICATIONS RECOMMENDED SPECIFICATION The following specifications are required for this classification of types of recreational support in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of basketball goals must receive prior written authorization from the DPARD. The following specifically identified in the required intersectional support to assist in maintain enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and goals must receive prior written authorization from the DPARD. Menity Specification Color Black: Basketball goals equipment may be powder coated black. Blue: Basketball goals equipment may be powder coated black. Blue: Basketball goals equipment may be powder coated orange. Shall be powder coated orange. Pink: Basketball goals equipment may be powder coated purple. Red: Basketball goals equipment may be powder coated red. Yellow: Basketball goals equipment may be powder coated yellow. White: Backboards shall be powder coated white, net shall be white. Identity The aesthetics, function, availability and maintenance of basketball go within developed open space under the purview of DPARD shall fo these guidelines. Any modifications must be approved in writing						
Classification of types of recreational support in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of basketball goals must receive prior written authorization from the DPARD.(not required) for this classification of types recreational support to assist in maintain enhancing the level of service (LOS) DPARD provides the required amenities not specifications in the development of basketball goals must receive prior written authorization from the DPARD.(not required) for this classification of types recreational support to assist in maintain enhancing the level of service (LOS) DPARD provides the required prior written authorization from the DPARD.MenitySpecificationColorBlack: Basketball goals equipment may be powder coated black. Blue: Basketball goals equipment may be powder coated black. Blue: Basketball goals equipment may be powder coated orange. Pink: Basketball goals equipment may be powder coated pink. Purple: Basketball goals equipment may be powder coated pink. White: Backboards shall be powder coated white, net shall be white.IdentityThe aesthetics, function, availability and maintenance of basketball greatly contribute to the overall perception of how DPARD and the of Denton support recreational activities. Therefore all basketball goals equidelines. Any modifications must be approved in writing within developed open space under the purview of DPARD shall fo these guidelines. Any modifications must b	i demeleo	REQUIRED SPE	CIFICATIO	NS	RECOMMENDED SPECIFICATIO	ONS
Color Black: Basketball goals equipment may be powder coated black. Blue: Basketball goals equipment may be powder coated blue. Green: Basketball goals equipment may be powder coated green. Orange: Basketball goals equipment may be powder coated orange. R shall be powder coated orange. Pink: Basketball goals equipment may be powder coated purple. Red: Basketball goals equipment may be powder coated purple. Red: Basketball goals equipment may be powder coated purple. Red: Basketball goals equipment may be powder coated yellow. White: Backboards shall be powder coated white, net shall be white. Identity Identity The aesthetics, function, availability and maintenance of basketball g greatly contribute to the overall perception of how DPARD and the of Denton support recreational activities. Therefore all basketball g within developed open space under the purview of DPARD shall fo these guidelines. Any modifications must be approved in writing		classification of types of in order to maintain the DPARD provides the res Denton. Any and all modif specifications in the deve goals must receive prior from the DPARD.	f recreational se level of servic sidents of the fications to the re elopment of bas written autho	support e (LOS) City of equired sketball rization	(not required) for this classification of ty recreational support to assist in the ec- distribution which in turn assist in main enhancing the level of service (LOS) DPARD p the residents of the City of Denton. Any amenities not specifically identified in the re recommended specifications herein must r	/pes of quitable taining/ rovides and all quired/ eceived
Blue: Basketball goals equipment may be powder coated blue. Green: Basketball goals equipment may be powder coated green. Orange: Basketball goals equipment may be powder coated orange. R shall be powder coated orange. Pink: Basketball goals equipment may be powder coated pink. Purple: Basketball goals equipment may be powder coated purple. Red: Basketball goals equipment may be powder coated red. Yellow: Basketball goals equipment may be powder coated yellow. White: Backboards shall be powder coated white, net shall be white.IdentityThe aesthetics, function, availability and maintenance of basketball g ogreatly contribute to the overall perception of how DPARD and the of Denton support recreational activities. Therefore all basketball g within developed open space under the purview of DPARD shall fo these guidelines. Any modifications must be approved in writing						
greatly contribute to the overall perception of how DPARD and the of Denton support recreational activities. Therefore all basketball g within developed open space under the purview of DPARD shall fo these guidelines. Any modifications must be approved in writing	U	Blue: Basketball goals equipment may be pow Green: Basketball goals equipment may be pow Orange: Basketball goals equipment may be pow Orange: Basketball goals equipment may be pow shall be powder coated orange.Pink: Basketball goals equipment may be pow Purple: Basketball goals equipment may be pow Purple: Basketball goals equipment may be pow Yellow: Basketball goals equipment may be pow Yellow: Basketball goals equipment may be pow 		s equipment may be powder coated blue. als equipment may be powder coated green. oals equipment may be powder coated orang ed orange. s equipment may be powder coated pink. oals equipment may be powder coated purple s equipment may be powder coated red. oals equipment may be powder coated yellow	ge. Rims e. 7.	
		Identity	greatly cont of Denton s within devel these guide	ribute to upport r oped op lines. <i>A</i>	to the overall perception of how DPARD and the city recreational activities. Therefore all basketball goals open space under the purview of DPARD shall follow Any modifications must be approved in writing by	
Hardware All mounting hardware and fasteners shall be low profile, vandal resist stainless steel or finished to match unit.		Hardware				esistant,



X.X FOOTBALL GOALS

OVERVIEW

Acronym/Abbreviation: FBGL

The design, development, preservation and enhancement of football goals in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of football goals is to support active recreational activities on football and/or multi-purpose fields in developed open space. The positive effects of playing football includes improving strength, balance, and flexibility.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	Recreational support shall be located at each of the following locations in the quantities required.			Recreational support shall be following locations in the qua		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities				Recreation Center Teen Center		1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities	Football Fields		1+			
	REQUIRED SPI The following specification classification of types of in order to maintain th DPARD provides the re Denton. Any and all modi specifications in the de goals must receive price from the DPARD.	ons are required of recreational e level of servi esidents of the ifications to the evelopment of or written autho	d for this support ce (LOS) e City of required football prization	RECOMMENDED SP The following specifications (not required) for this class recreational support to ass distribution which in turn a enhancing the level of service the residents of the City of amenities not specifically iden recommended specifications prior written authorization from	s are recomm sification of ty sist in the eq assist in maint (LOS) DPARD pr Denton. Any a ntified in the rec herein must re	nended pes of uitable aining/ ovides and all quired/
	Amenity	Specificatio				
Color Yellow: Football goals may be powder coated yellow. White: Football goals may be powder coated white. Identity The aesthetics, function, availability and maintenance of				l goals		
Aesthetics		greatly contribute to the overall perception of how DPARD and the city of Denton support recreational activities. Therefore all outdoor exercise equipment within developed open space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/or installation.				
	Hardware	All mountin stainless st	ig hardwa eel or fini	re and fasteners shall be low p shed to match unit.	rofile, vandal res	sistant,

X.X HOCKEY GOALS

OVERVIEW

Acronym/Abbreviation: HKGL

The design, development, preservation and enhancement of hockey goals in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of hockey goals is to support active recreational activities on hockey rinks and multi-purpose courts in developed open space. The positive effects of in-line hockey includes improving strength, balance, and flexibility.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur Simultaneously B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATION	IS
	Recreational support shall be located at each of the following locations in the quantities required.				
	Amenity	Reference	Min.	Amenity Reference	Rec.
F	Football Fields		1+	Multi-purpose Field Rugby Field	2+ 2+
Outdoor Facilities					

	REQUIRED SPEC	IFICATIONS	RECOMMENDED SPECIFICATIONS
	The following specifications classification of types of in order to maintain the le DPARD provides the resic Denton. Any and all modifica specifications in the deve goals must receive prior w from the DPARD.	recreational support evel of service (LOS) dents of the City of ations to the required elopment of hockey	The following specifications are recommended (not required) for this classification of types of recreational support to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/ recommended specifications herein must received prior written authorization from the DPARD.
	Amenity	Specification	
	Color	Yellow: Hockey goals may be powder coated yellow. White: Hockey goals may be powder coated white. The aesthetics, function, availability and maintenance of hockey go greatly contribute to the overall perception of how DPARD and the cit Denton support recreational activities. Therefore all hockey goals wit developed open space under the purview of DPARD shall follow th guidelines. Any modifications must be approved in writing by DPA prior to selection and/or installation.	
Aesthetics	Identity		

X.X SOCCER GOALS

OVERVIEW

Acronym/Abbreviation: SCGL

The design, development, preservation and enhancement of soccer goals in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of soccer goals is to support active recreational activities on soccer fields and multi-purpose fields in developed open space. The positive effects of playing soccer include improving strength, balance, and flexibility.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATIONS			RECOMMENDED	LOCATION	S
Recreational support shall be located at each of the following locations in the quantities required.			Recreational support shall be following locations in the qua		
Amenity	Reference	Min.	Amenity	Reference	Rec.
Soccer Field (Adult) Soccer Field (Youth)		2 2	Multi-purpose Field		2



	REQUIRED SPEC	IFICATIONS	RECOMMENDED SPECIFICATIONS
	The following specifications classification of types of in in order to maintain the le DPARD provides the resid Denton. Any and all modifica- specifications in the deve goals must receive prior w from the DPARD.	recreational support evel of service (LOS) dents of the City of ations to the required elopment of soccer	The following specifications are recommended (not required) for this classification of types of recreational support to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/ recommended specifications herein must received prior written authorization from the DPARD.
	Amenity	Specification	
	Color	White: Soccer goals	shall be painted white, net shall be white
Aesthetics	Identity	The aesthetics, function, availability and maintenance of socce greatly contribute to the overall perception of how DPARD and the Denton support recreational activities. Therefore all soccer goals developed open space under the purview of DPARD shall follow guidelines. Any modifications must be approved in writing by prior to selection and/or installation.	

X.X BACK STOPS

OVERVIEW

Acronym/Abbreviation: BSTP

The design, development, preservation and enhancement of backstops in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

The primary function of back stops is to support active recreational activities such as baseball, softball, kickball etc. on turf areas and multi-purpose fields in developed open space. The positive effects of playing these sports include improving strength, balance, and flexibility.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LO	OCATION	S
	Recreational support shall be located at each of the following locations in the quantities required.			Recreational support shall be lo following locations in the quanti		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
F				Muti-purpose Field		2
Outdoor Facilities						



	REQUIRED SPECIFICATIONS		RECOMMENDED SPECIFICATIONS	
	The following specifications classification of types of in order to maintain the I DPARD provides the resid Denton. Any and all modific specifications in the develo must receive prior writter the DPARD.	recreational support evel of service (LOS) dents of the City of ations to the required opment of backstops	(not required) for this classification of types of recreational support to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all	
	Amenity	Specification		
	Color	Black: Chain link fen	Black: Chain link fencing shall be black vinyl coated	
Aesthetics	ldentity	The aesthetics, function, availability and maintenance of back greatly contribute to the overall perception of how DPARD and th of Denton support recreational activities. Therefore all backstops developed open space under the purview of DPARD shall follow guidelines. Any modifications must be approved in writing by D prior to selection and/or installation.		

X.X DISC GOLF GOALS

OVERVIEW

Acronym/Abbreviation: XX

The design, development, preservation and enhancement of disc golf goals in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneouslyB) facilities administrative visibility/
 - control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATIONS			RECOMME	NDED LOCATION	S
Recreational support shall be located at each of the following locations in the quantities required.				rt shall be located at each n the quantities recomme	
Amenity	Reference	Min.	Amenity	Reference	Rec.

REQUIRED SPECIFICATIONS	RECOMMENDED SPECIFICATIONS
The following specifications are required for this classification of types of recreational support in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of disc golf goals must receive prior written authorization from the DPARD.	The following specifications are recommended (not required) for this classification of types of recreational support to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/ recommended specifications herein must received prior written authorization from the DPARD.
Amenity Specification	

X.X DISC GOLF T'S

OVERVIEW

Acronym/Abbreviation: XX

The design, development, preservation and enhancement of disc golf T's in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population

4) Universal accessibility

REQUIRED LOCATIONS			RECOMM	ENDED LOCATION	S
Recreational support shall be located at each of the following locations in the quantities required.				rt shall be located at each in the quantities recomme	
Amenity	Reference	Min.	Amenity	Reference	Rec.

REQUIRED SPECIFICATIONS	RECOMMENDED SPECIFICATIONS
The following specifications are required for this classification of types of recreational support in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of disc golf T's must receive prior written authorization from the DPARD.	The following specifications are recommended (not required) for this classification of types of recreational support to assist in the equitable distribution which in turn assist in maintaining/ enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/ recommended specifications herein must received prior written authorization from the DPARD.
Amenity Specification	



LIGHTING

BALL FIELD LIGHTING

Ball field Lighting is a type of site light fixture that is commonly used to illuminate large recreational areas from a very high mounting height for sports courts and fields.

MID MAST LIGHTING

[INSERT FUNCTION HERE]

HIGH MAST LIGHTING

High-Mast Lighting is a type of site light fixture that is commonly used to illuminate large areas from a very high mounting height for storage, transportation, and pedestrian use and safety.

LOW MAST LIGHTING

[INSERT FUNCTION HERE]

CANOPY LIGHTING

[INSERT FUNCTION HERE]

SECURITY LIGHTING

[INSERT FUNCTION HERE]

TRAIL LIGHTING

Trail lighting that is well placed, properly installed and frequently maintained can improve visibility, increase overall trail access and convenience and give trail users a sense of security while passing through at night.

ACCENT LIGHTING

Accent lighting that is well placed, properly installed and frequently maintained can improve visibility, increase overall convenience, enhance aesthetics and give users a sense of security while passing through at night.

PHYSICAL BARRIERS

BOLLARDS

FENCING

[INSERT FUNCTION HERE]

Bollards shall be used to prevent vehicles from accessing pedestrian pathways and/or restricted / unsafe areas within the park system. They are very effective in reducing accidents in vehicular/pedestrian conflict zones. The quantity and density of bollards shall be determined by DPARD on a case by case basis.

PRIVACY WALLS

[INSERT FUNCTION HERE]

RETAINING WALL

[INSERT FUNCTION HERE]

ADDITIONAL CONSIDERATIONS

TREE GUARDS

Tree guards, when appropriate, shall be placed in more urban environments of the park system. When properly installed they can increase safety, enhance aesthetics and give pedestrians and cyclists a sense of security while traveling along pedestrian/cyclist corridors. Tree guards are typically utilized as an aesthetic means to protect young trees.

TREE PIT GUARDS

Tree pit guards, when appropriate, shall be placed in tree pits throughout the more urban environments of the city. When properly installed they can increase safety, enhance aesthetics and give pedestrians and cyclists a sense of security while traveling along pedestrian/cyclist corridors.

SECURITY CAMERAS

[INSERT FUNCTION HERE]

TREE GRATES

Tree grates, when appropriate, shall be placed in more urban environments of the park system. When properly installed they can increase safety, enhance aesthetics and give pedestrians and cyclists a sense of security while traveling along pedestrian/cyclist corridors.

CROSSWALKS

Allow pedestrians to conveniently and safely cross vehicular circulation zones. The absence of crosswalks has the potential to increase the level of vehicular pedestrian conflict within vehicular circulation zones. Providing crosswalks in appropriate areas increases the level of service DPARD is able to offer the residents of Denton.

LIGHTING

Strategically placed lighting is truly one of the most important safety features to incorporate into both developed and undeveloped open space. Lighting (including accent lighting) can be incorporated in unique ways that roll back the darkness, highlight focal points and create both safe and aesthetically pleasing environments.

All lighting must comply with the city of Denton lighting ordinance as well as these standards and guidelines. Exterior lighting (which must be approved by DPARD) shall be limited to areas within the portion of open space being developed (unless otherwise approved in writing by DPARD). In addition, DPARD approval is required prior to changing or adding exterior lighting within any developed and/or undeveloped open space under the purview of DPARD. In cases of stakeholder and/or public input related to lighting requests, DPARD will analyze and review conditions of visibility, potential locations and quantity of light fixtures needed to resolve the issues of visibility.

Lighting fixtures shall be detailed, sized and proportioned appropriately for the use and unified aesthetic goal of the DPARD system.

Lighting shall be unobtrusive and shall be as small in size as is reasonably practical.

Lighting fixtures shall be of high quality materials and workmanship and be in scale and style with the facility and/or parcel of open space.

High pressure sodium and mercury vapor lights are prohibited.

All new lighting shall be LED, without exception. All lighting being replaced due to damage/vandalism and/or end of life cycle shall be replaced with LED lighting, without exception.

Colored lenses are not permissible.

Lighting shall be installed in a manner that shall not produce glare, direct illumination across a property line, or cause unnecessary light spill, distraction or nuisance and must not interfere or detract from the privacy or use and/ or enjoyment of adjacent property, all as determined at the sole discretion of DPARD.

Lighting for vehicular/pedestrian circulation routes shall be directed toward the ground.

X.X BALL FIELD LIGHTING

OVERVIEW

Acronym/Abbreviation: BFLT

The design, development, preservation and enhancement of ball field lighting in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Ball field Lighting is a type of site light fixture that is commonly used to illuminate large recreational areas from a very high mounting height for sports courts and fields.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATIONS	5	RECOMMENDED LOCATIONS		
	Safety and security elemen each of the following locati required.			Safety and security elements sh each of the following locations recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				City Parks Community Parks Special Use		1+ 1+ 1+
Developed Open Space						
	Amenity	Reference	Min.		Reference	Rec.
Indoor Facilities	Amenity Baseball Field (Adult) Baseball Field (Youth)	Reference	Min. 1+ 1+	Amphitheater Driving Range	Reference	1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
Outdoor Facilities	Football Field Multi-Purpose Field Rugby Field Soccer Field (Adult) Soccer Field (Youth) Softball Field (Adult) Softball Field (Youth)		1+ 1+ 1+ 1+ 1+ 1+ 1+	Tennis Courts Sports Complex Dog Park Skate Park Bike Park		1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.		Reference	Rec.
Circulation				Multi-Use Trails Mountain Bike Trails		1+ 1+

	REQUIRED SPEC	CIFICATIONS	RECOMMENDED SPECIFICATIONS	
	The following are specificat for this classification of saf to maintain the level of provides the residents of Any and all modification specifications in the deve lighting must receive prior from the DPARD.	ety & security in order service (LOS) DPARD f the City of Denton. ons to the required elopment of ball field	The following specifications are recommended (not required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.	
	Amenity	Specification		
P	Color	High mast poles shall be galvanized, stainless steel or aluminum. Pa poles are prohibited.		
Aesthetics	Identity	Ball field lighting shall be sensitively integrated into the fabric of the over park system. Their aesthetics, function, availability and maintenan thereof greatly contribute to the overall identity of DPARD and the of Denton. Therefore ball field within developed/undeveloped o space under the purview of DPARD shall follow these guidelines. modifications must be approved in writing by DPARD prior to selec and/or installation.		
	Hardware	All mounting hardware and fasteners shall be low profile, vandal resi stainless steel or finished to match unit.		
	Amenity	Specification		
MISC	Installation Notes	All ball field lights s recommendations.	hall be installed in accordance with manufacturer's	
	Warranty	A one-year minimum	n warranty is required.	
	Life Cycle Expectations	Ball field lights are a normal and ordinary	anticipated to require replacement after 20 years of v usage.	

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X.X HIGH MAST LIGHTING

OVERVIEW

Acronym/Abbreviation: HMLT

The design, development, preservation and enhancement of high mast lighting in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

High-Mast Lighting is a type of site light fixture that is commonly used to illuminate large areas from a very high mounting height for storage, transportation, and pedestrian use and safety.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LC	OCATIONS	5	RECOMMENDED LO	CATION	S
	Safety and security elemer each of the following locat required.			Safety and security elements sh each of the following locations recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open				City Parks Community Parks Special Use		1+ 1+ 1+
Space						
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Rink Sports Complex Natatorium Recreation Center Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities	Baseball Field (Adult) Baseball Field (Youth) Soccer Field (Adult) Soccer Field (Youth) Softball Field (Adult) Softball Field (Youth)		9 9 4 6 6	Amphitheater Swimming Pools Spraygrounds Driving Range Tennis Courts Sports Complex Dog Park Skate Park Bike Park Football Field Multi-Purpose Field Parking Lot Rugby Field		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation				Multi-Use Trails Mountain Bike Trails		1+ 1+

	REQUIRED SPEC	CIFICATIONS	RECOMMENDED SPECIFICATIONS	
	for this classification of safety & security in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of high mast lighting must receive prior written authorization from the DPARD.		required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in	
	Amenity	Specification		
P	Color	High mast poles sha poles are prohibited	ll be galvanized, stainless steel or aluminum. Painted	
Aesthetics	Identity	High Mast lighting shall be sensitively integrated into the fab the overall park system. Their aesthetics, function, availability maintenance thereof greatly contribute to the overall identity of D and the city of Denton. Therefore all high mast lighting within devel undeveloped open space under the purview of DPARD shall follow guidelines. Any modifications must be approved in writing by D prior to selection and/or installation.		
	Hardware	All mounting hardware and fasteners shall be low profile, vandal resista stainless steel or finished to match unit.		
	Amenity	Specification		
MISC	Installation Notes	All high mast lighting recommendations.	shall be installed in accordance with manufacturer's	
	Warranty	A one-year minimun	n warranty is required.	
	Life Cycle Expectations	High mast lights are normal and ordinary	e anticipated to require replacement after 20 years of 'y usage.	

X.X MID MAST LIGHTING

OVERVIEW

Acronym/Abbreviation: MMLT

The design, development, preservation and enhancement of mid mast lighting in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	Safety and security ele each of the following l required.			Safety and security elements sh each of the following locations recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space				City Parks Community Parks Linear Park Preserve Neighborhood Park Pocket Park Special Use		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Rink Sports Complex Natatorium Recreation Center Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities				Amphitheater Swimming Pools Spraygrounds Community Gardens Driving Range Tennis Courts Sports Complex Dog Park Skate Park Bike Park Basketball Court Multi-Purpose Court Volleyball Court Baseball Field (Adult) Baseball Field (Adult) Baseball Field (Youth) Football Field Multi-Purpose Field Parking Lot Rugby Field Soccer Field (Adult) Softball Field (Adult) Softball Field (Youth) Softball Field (Youth) Putting Green Playground Pavilion		$\begin{array}{c} 1+\\ 1+\\ 1+\\ 1+\\ 1+\\ 1+\\ 1+\\ 1+\\ 1+\\ 1+\\$
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation				Multi-Use Trails Mountain Bike Trails		1+ 1+

	REQUIRED SPEC	IFICATIONS	RECOMMENDED SPECIFICATIONS		
	for this classification of safety & security in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of mid mast lighting must receive prior written authorization from the DPARD.		The following specifications are recommended (not required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.		
	Amenity	Specification			
F	Color	Mid mast poles shall be galvanized, stainless steel or aluminum. poles are prohibited.			
Aesthetics	Identity	Mid mast lighting shall be sensitively integrated into the fabric of the c park system. Their aesthetics, function, availability and mainte thereof greatly contribute to the overall identity of DPARD and the Denton. Therefore all mid mast lighting within developed/undeve open space under the purview of DPARD shall follow these guideline modifications must be approved in writing by DPARD prior to sel- and/or installation.			
	Hardware	All mounting hardware and fasteners shall be low profile, vandal resista stainless steel or finished to match unit.			
	Amenity	Specification			
MISC	Installation Notes	All mid mast lighting shall be installed in accordance with ma recommendations.			
	Warranty	A one-year minimum warranty is required.			
	Life Cycle Expectations	Mid mast lights are normal and ordinary	anticipated to require replacement after 20 years of v usage.		

X.X LOW MAST LIGHTING

OVERVIEW

Acronym/Abbreviation: LMLT

The design, development, preservation and enhancement of low mast lighting in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 - B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
		elements shall be lo ng locations in the qu		Safety and security elements each of the following location recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space				City Parks Community Parks Linear Park Preserve Neighborhood Park Pocket Park Special Use		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Rink Sports Complex Natatorium Recreation Center Water Park Senior Center		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities				Amphitheater Swimming Pools Spraygrounds Community Gardens Driving Range Tennis Courts Sports Complex Dog Park Skate Park Basketball Court Multi-Purpose Court Volleyball Court Baseball Field (Adult) Baseball Field (Adult) Baseball Field (Youth) Football Field Multi-Purpose Field Parking Lot Rugby Field Soccer Field (Adult) Softball Field (Adult) Softball Field (Adult) Softball Field (Adult) Softball Field (Adult) Softball Field (Youth) Putting Green Playground Pavilion		$\begin{array}{c} 1+\\ 1+\\ 1+\\ 1+\\ 1+\\ 1+\\ 1+\\ 1+\\ 1+\\ 1+\\$
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation	-			Multi-Use Trails Mountain Bike Trails		1+ 1+

	REQUIRED SPEC	CIFICATIONS	RECOMMENDED SPECIFICATIONS	
	for this classification of safety & security in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of low mast lighting must receive prior written authorization from the DPARD.		required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in	
	Amenity	Specification		
Þ	Color	Low mast poles shal poles are prohibited	l be galvanized, stainless steel or aluminum. Painted	
Aesthetics	Identity	Low mast lighting shall be sensitively integrated into the fabric the overall park system. Their aesthetics, function, availability a maintenance thereof greatly contribute to the overall identity of DPA and the city of Denton. Therefore all low mast lighting within develop undeveloped open space under the purview of DPARD shall follow th guidelines. Any modifications must be approved in writing by DPARD put to selection and/or installation.		
	Hardware	All mounting hardware and fasteners shall be low profile, vandal resis stainless steel or finished to match unit.		
	Amenity	Specification		
MISC	Installation Notes	All low mast lighting shall be installed in accordance with ma recommendations.		
	Warranty	A one-year minimun	n warranty is required.	
	Life Cycle Expectations	Low mast lights are normal and ordinary	anticipated to require replacement after 20 years o y usage.	

X.X CANOPY LIGHTING

OVERVIEW

Acronym/Abbreviation: CLT

The design, development, preservation and enhancement of canopy lights in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneouslyB) facilities administrative visibility/
 - control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATIONS			RECOMMENI	DED LOCATION	S
Safety and security elements shall be located at each of the following locations in the quantities required.		Safety and security el each of the following recommended.			
Amenity	Reference	Min.	Amenity	Reference	Rec.
Amenity	Reference	Min.	Amenity	Reference	Rec.
Amenity	Reference	Min.	Amenity	Reference	Rec.
Amenity	Reference	Min.	Amenity	Reference	Rec.

REQUIRE	D SPECIFICATIONS	RECOMMENDED SPECIFICATIONS
for this classificat to maintain the provides the res Any and all m specifications in	specifications that are required tion of safety & security in order level of service (LOS) DPARD sidents of the City of Denton. odifications to the required the development of canopy eive prior written authorization	The following specifications are recommended (not required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.
Amenity	Specification	
Amenity	Specification	

MISC

X.X SECURITY LIGHTING

OVERVIEW

Acronym/Abbreviation: SCLT

The design, development, preservation and enhancement of security lighting in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneouslyB) facilities administrative visibility/
 - control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

Community Center 1+ Gymnastic Center 1+ Indoor Facilities Indoor 1+ Sports Complex 1+ Natatorium 1+ Nature Center 1+ Recreation Center 1+ Restrooms 1+ Water Park 1+ Senior Center 1+ Amphitheater 1+ Swimming Pools 1+ Spraygrounds 1+ Challenge Spot 1+ Driving Range 1+ Basketball Court 1+ Multi-Purpose Court 1+ Multi-Purpose Court 1+ Basketball Field (Youth) 1+ Baseball Field (Youth) 1+ Parking Lot 1+ Parking Lot 1+ Parking Lot 1+ Bike Park 1+ Dog Park 1+ Skate Park 1+ Amenity Reference Min. Amenity Reference Min. Amenity Reference <td< th=""><th></th><th colspan="3">REQUIRED LOCATIONS</th><th colspan="3">RECOMMENDED LOCATIONS</th></td<>		REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
City Parks 1+ Community Parks 1+ Linear Park 1+ Preserve 1+ Preserve 1+ Pocket Park 1+ Space 1+ Amenity Reference Min Amenity Reference 1+ Amenity Reference Community Center 1+ Gymnastic Center 1+ Indoor Refreence Facilities Complex Indoor Refreence Muti- Vactorium 1+ Nature Center 1+ Nature Center 1+ Recreation Center 1+ Restrooms 1+ Water Park 1+ Senior Center 1+ Amphitheater 1+ Swimming Pools 1+ Muti-Purpose Field 1+ Soccer Field (Adult) 1+ Driving Range 1+ Driving Range 1+ Basketball Court 1+ Muti-Uprose Court 1+ Muti-Uprose Court 1+ Basketball Field (Adult) 1+ Basketball Field (Adult) 1+ Basketball Field (Adult) <		each of the following locati			each of the following locations in the qu		
Open Space Community Parks 1+ Unear Park 1+ Preserve 1+ Preserve 1+ Pocket Park 1+ Space Special Use Indoor Reference Indoor Reference Gommunity Center 1+ Gymnastic Center 1+ Indoor Reference Facilities Amenity Reference 1+ Natatorium 1+ Nature Center 1+ Nature Center 1+ Nature Center 1+ Restrooms 1+ Water Park 1+ Spraygrounds 1+ Amphitheater 1+ Spraygrounds 1+ Spraygrounds 1+ Community Gardens 1+ Soccer Field (Adult) 1+ Basketball Court 1+ Basketball Court<		Amenity	Reference	Min.	Amenity Reference	Rec.	
Community Center 1+ Gymastic Center 1+ Indoor Raint Facilities Sports Complex Nature Center 1+ Nature Center 1+ Recreation Center 1+ Recreation Center 1+ Restrooms 1+ Water Park 1+ Senior Center 1+ Amphitheater 1+ Swimming Pools 1+ Spraygrounds 1+ Challenge Spot 1+ Driving Range 1+ Basketball Court 1+ Multi-Purpose Court 1+ Multi-Purpose Court 1+ Baseball Field (Youth) 1+ Baseball Field (Youth) 1+ Parking Lot 1+ Parking Lot 1+ Parking Lot 1+ Bike Park 1+ Dog Park 1+ Skate Park 1+ Amenity Reference Min. Amenity Reference Min. Amenity Reference Min.	Open	Community Parks Linear Park Preserve Neighborhood Park Pocket Park		1+ 1+ 1+ 1+ 1+			
Gymnastic Center 1+ Indoor Sports Complex 1+ Sports Complex 1+ Nature Center 1+ Nature Center 1+ Recreation Center 1+ Water Park 1+ Senior Center 1+ Mutri-Park 1+ Senior Center 1+ Amphitheater 1+ Spraygrounds 1+ Spraygrounds 1+ Community Gardens 1+ Socer Field (Adult) 1+ Driving Range 1+ Basketball Court 1+ Multi-Purpose Court 1+ Volleyball Court 1+ Baseball Field (Adult) 1+ Baseball Field (Adult) 1+ Baseball Field (Youth) 1+ Bike Park 1+ Dog Park 1+ Skate Park 1+ Amenity Reference Min. Amenity Reference Min. Amenity Reference Min. Multi-Use Trails 1+ <		Amenity	Reference	Min.	Amenity Reference	Rec.	
Amphitheater 1+ Football Field 1+ Swimming Pools 1+ Multi-Purpose Field 1+ Spraygrounds 1+ Rugby Field 1+ Community Gardens 1+ Soccer Field (Adult) 1+ Challenge Spot 1+ Soccer Field (Youth) 1+ Driving Range 1+ Putting Green 1+ Basketball Court 1+ Putting Green 1+ Wulti-Purpose Court 1+ Putting Green 1+ Volleyball Court 1+ Putting Green 1+ Baseball Field (Adult) 1+ Putting Green 1+ Parking Lot 1+ Parking Lot 1+ Playground 1+ Parking Lot 1+ Skate Park 1+ Multi-Use Trails 1+ Mountain Bike Trails 1+ Mountain Bike Trails 1+	Indoor	Gymnastic Center Indoor Ice Rink Sports Complex Natatorium Nature Center Recreation Center Restrooms Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+			
Swimming Pools 1+ Multi-Purpose Field 1+ Spraygrounds 1+ Rugby Field 1+ Community Gardens 1+ Soccer Field (Adult) 1+ Challenge Spot 1+ Soccer Field (Youth) 1+ Driving Range 1+ Putting Green 1+ Basketball Court 1+ Putting Green 1+ Multi-Purpose Court 1+ Putting Green 1+ Volleyball Court 1+ Putting Green 1+ Baseball Field (Adult) 1+ Parking Lot 1+ Playground 1+ Parking Lot 1+ Playground 1+ Skate Park 1+ Skate Park 1+ Kate Park 1+ Volleyball Court 1+ Heference Min. Amenity Reference Min. Amenity Reference Reference Multi-Use Trails 1+ Mountain Bike Trails 1+		Amenity	Reference	Min.	Amenity Reference	Rec.	
Multi-Use Trails 1+ Mountain Bike Trails 1+	Outdoor	Swimming Pools Spraygrounds Community Gardens Challenge Spot Driving Range Basketball Court Multi-Purpose Court Volleyball Court Baseball Field (Adult) Baseball Field (Youth) Parking Lot Playground Bike Park Dog Park Skate Park	Poforonco	$1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\ 1+ \\$	Multi-Purpose Field Rugby Field Soccer Field (Adult) Soccer Field (Youth) Putting Green	1+ 1+ 1+ 1+ 1+	
Mountain Bike Trails 1+			Reference		-		
	Circulation					1+ 1+	

	REQUIRED SPEC	CIFICATIONS	RECOMMENDED SPECIFICATIONS	
	for this classification of safety & security in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of security lighting must receive prior written authorization from the DPARD.		The following specifications are recommended (not required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.	
	Amenity	Specification		
F	Color	Security lighting may be galvanized, stainless steel or aluminum. Black: Security lights may be powder coated black.		
Aesthetics	Identity	Security lighting shall be sensitively integrated into the fabric of the over park system. Their aesthetics, function, availability and maintena thereof greatly contribute to the overall identity of DPARD and the of Denton. Therefore all security lighting within developed/undevelop open space under the purview of DPARD shall follow these guidelines. A modifications must be approved in writing by DPARD prior to select and/or installation.		
	Hardware	All mounting hardware and fasteners shall be low profile, vandal r stainless steel or finished to match unit.		
	Amenity	Specification		
MISC	Installation Notes	Security lighting sha recommendations.	all be installed in accordance with manufacturer's	
	Warranty	A one-year minimum	n warranty is required.	
	Life Cycle Expectations	Security lighting are normal and ordinary	anticipated to require replacement after 20 years of v usage.	

X.X TRAIL LIGHTING

OVERVIEW

Acronym/Abbreviation: TRLT

The design, development, preservation and enhancement of trail lights in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Trail lighting that is well placed, properly installed and frequently maintained can improve visibility, increase overall trail access and convenience and give trail users a sense of security while passing through at night.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	OCATIONS	S	RECOMMENDED LO	CATION	S
	Safety and security eleme each of the following loca required.			Safety and security elements sh each of the following locations recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space				City Parks Community Parks Linear Park Preserve Neighborhood Park Pocket Park Special Use		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Rink Sports Complex Natatorium Recreation Center Water Park Senior Center		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities				Amphitheater Swimming Pools Spraygrounds Community Gardens Driving Range Sport Complex Bike Park Dog Park Skate Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				Multi-Use Trails Mountain Bike Trails		1+ 1+
Circulation						

	REQUIRED SPEC	IFICATIONS	RECOMMENDED SPECIFICATIONS	
	The following are specificat for this classification of safe to maintain the level of provides the residents of Any and all modificatio specifications in the develo must receive prior written the DPARD.	ety & security in order service (LOS) DPARD the City of Denton. ns to the required pment of trail lighting	The following specifications are recommended (not required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.	
	Amenity	Specification		
P	Color	Trail lights may be galvanized, stainless steel or aluminum. Black: Trail lights may be powder coated black.		
Aesthetics	Identity	Trail lights shall be sensitively integrated into the fabric of the overall park system. Their aesthetics, function, availability and maintenance thereof greatly contribute to the overall identity of DPARD and the city of Denton. Therefore all trail lighting within developed/undeveloped open space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/or installation.		
	Hardware	All mounting hardware and fasteners shall be low profile, vandal resistant, stainless steel or finished to match unit.		
	Amenity	Specification		
MISC	Warranty	A one-year minimum	n warranty is required.	
	Life Cycle Expectations	Trail lights are anticip and ordinary usage.	bated to require replacement after 20 years of normal	

X.X ACCENT LIGHTING

OVERVIEW

Acronym/Abbreviation: ACLT

The design, development, preservation and enhancement of accent lighting in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Accent lighting that is well placed, properly installed and frequently maintained can improve visibility, increase overall convenience, enhance aesthetics and give users a sense of security while passing through at night.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

- A) Allow diverse activities to occur simultaneously
- B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts

2) Potential for growth/expansion to meet the needs of a growing population

3) Compatibility for multi-generational population

4)	Universal	accessibility
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	REQUIRED LO	CATIONS	5	RECOMMENDED LO	CATION	S
	Safety and security elemen each of the following locati required.			Safety and security elements s each of the following locations recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
				City Parks		1+
X				Community Parks		1+
				Linear Park		1+
				Preserve		1+
Developed				Neighborhood Park		1+
Open				Pocket Park		1+
Space				Special Use		1+

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	REQUIRED SPEC	IFICATIONS	RECOMMENDED SPECIFICATIONS		
	The following are specificat for this classification of safe to maintain the level of s provides the residents of Any and all modification specifications in the dev lighting must receive prior from the DPARD.	ety & security in order service (LOS) DPARD the City of Denton. ns to the required elopment of accent	required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in		
	Amenity	Specification			
Þ	Color		be galvanized, stainless steel or aluminum. g may be powder coated black.		
Aesthetics	Identity	Accent Lighting shall be sensitively integrated into the fabric of the overall park system. Their aesthetics, function, availability and maintenance thereof greatly contribute to the overall identity of DPARD and the city of Denton. Therefore all accent lighting within developed/undeveloped oper space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/or installation.			
	Hardware	All mounting hardware and fasteners shall be low profile, vandal resistant, stainless steel or finished to match unit.			
	Amenity	Specification			
MISC	Foliage Color	Special attention shall be paid to the foliage color of trees. Lighter colored trees and foliage reflect light much easier and it is recommended that low voltage lighting be used to provide adequate lighting for smaller lighter colored trees. It is recommended to use more light on darker colored foliage because the light projected onto darker foliage is absorbed by the tree's darker color.			
	Dense Foliage	It is recommended that above ground spotlights or flood lights with a collar be installed to illuminate large, dense trees from the outside of the canopy. It is recommended that the fixtures be positioned a good distance away from the tree's trunk and aimed upwards towards the foliage. This will create a looming effect that blankets the tree's size and grandeur.			
	Accent	It is recommended that accent lighting be installed to highlight the texture and form of a tree's trunk and branches. Narrow beam spotlights from hidden fixtures add a flair of mystery to accent lighting. It is recommended that large bushy trees be illuminated by positioning spotlights very close to the trunk and aim them almost vertical.			
	Narrow trees	It is recommended that light narrow trees be illuminated from directly underneath with well, bullet and/or flood lights positioned directly by the tree's trunk and facing upwards to show off the tree's branch structure.			
	Trunk		ded that the trunk be illuminated in light when s straight up into the foliage so the uplift crown will rering.		
	Down-lighting		hat fixtures be positioned within a tree's foliage for g. Down-lighting is similar to moonlighting although otle.		

REQUIRED SPEC	CIFICATIONS	RECOMMENDED SPECIFICATIONS		
Amenity	Specification			
Backdrops/Silhouetting	where a tree is mean create illuminated by The light will create a perimeter of the tree especially striking in Low voltage outdoor providing bright accor recommended. It is rocks, shrubs or othe the natural appearan	a bright and magnificent outline around the e's shape showcasing dense features that look		
Highlighting	It is recommended that two or more fixtures per tree be positioned at varying distances and angles to provide sufficient illumination for highlighting a tree.			
Textured Shadowing	with delicate foliage canopy to create tex	hat fixtures be positioned at the base of open trees facing towards an adjacent wall or deep within the stured shadowing effects that create softer shadows. e's movement in the wind intensifies the dramatic		
Fencing		hat wash lights be used on fencing. Wash lights fused light ideal for brightening privacy fences.		
Pathways	of pathways. It is im considered carefully positioned to illumir being kicked, moved	e created by placing well lights along the borders portant that the style of these path lights be to be sure that they are nate the path, but also placed so that they avoid l, or getting in the way of maintenance equipment. sed to get light without seeing a fixture as they are d.		
Planting Beds	It is recommended that fixtures be placed no closer than 20 feet apart so that pools of light will guide the eye from one plant to the next, rathe than a continuous illumination.			
Facades	facades to focus atte such as corners, colu used to illuminate fa be used to project n throw out a soft, diff	flood lights may be used to illuminate building ention on the most appealing architectural elements umns, deep eaves and dormers. Well light may be acades without seeing a fixture. Bullet lights may arrow, precise beams. Wash lights may be used to fused light ideal for brightening facades. Flood lights ollars to cast a wider beam while minimizing side		

 Walls Well, bullet, wash or flood lights may be used to illuminate walls positioning fixtures close to the base so that the beams bring texinto sharp relief. Well light may be used to illuminate walls with seeing a fixture. Bullet lights may be used to project narrow, prebeams. Wash lights may be used to throw out a soft, diffuse ligh for brightening walls. Flood lights may be used with collars to cawider beam while minimizing side glare. General Structures Flood, bullet or wash lights may be used to highlight focal points deserve attention such as a fountain by aiming two or more light The crossing beams reduce the harsh shadows that form when c shines on an object. Bullet lights may be used to project narrow, 	 Walls Well, bullet, wash or flood lights may be used to illuminate walls positioning fixtures close to the base so that the beams bring texinto sharp relief. Well light may be used to illuminate walls with seeing a fixture. Bullet lights may be used to project narrow, prebeams. Wash lights may be used to throw out a soft, diffuse ligh for brightening walls. Flood lights may be used with collars to cawider beam while minimizing side glare. General Structures Flood, bullet or wash lights may be used to highlight focal points deserve attention such as a fountain by aiming two or more light The crossing beams reduce the harsh shadows that form when or shines on an object. Bullet lights may be used to project narrow, beams. Wash lights may be used to throw out a soft, diffuse lights may be used to project narrow, beams. Wash lights may be used to throw out a soft, diffuse light for shines on an object. Bullet lights may be used to project narrow, beams. Wash lights may be used to throw out a soft, diffuse lights may be used to project narrow, beams. 	 Walls Well, bullet, wash or flood lights may be used to illuminate walls positioning fixtures close to the base so that the beams bring texinto sharp relief. Well light may be used to illuminate walls with seeing a fixture. Bullet lights may be used to project narrow, prebeams. Wash lights may be used to throw out a soft, diffuse ligh for brightening walls. Flood lights may be used with collars to cawider beam while minimizing side glare. General Structures Flood, bullet or wash lights may be used to highlight focal points deserve attention such as a fountain by aiming two or more light The crossing beams reduce the harsh shadows that form when or shines on an object. Bullet lights may be used to project narrow, beams. Wash lights may be used to throw out a soft, diffuse lights may be used to project narrow, beams. Wash lights may be used to throw out a soft, diffuse light for shines on an object. Bullet lights may be used to project narrow, beams. Wash lights may be used to throw out a soft, diffuse lights may be used to project narrow, beams. 	-	ECIFICATIONS RECOMMENDED SPECIFICATI
General Structures Flood, bullet or wash lights may be used to highlight focal points deserve attention such as a fountain by aiming two or more light The crossing beams reduce the harsh shadows that form when c shines on an object. Bullet lights may be used to project narrow, beams. Wash lights may be used to throw out a soft, diffuse ligh	General Structures Flood, bullet or wash lights may be used to highlight focal points deserve attention such as a fountain by aiming two or more light The crossing beams reduce the harsh shadows that form when c shines on an object. Bullet lights may be used to project narrow, beams. Wash lights may be used to throw out a soft, diffuse light	General Structures Flood, bullet or wash lights may be used to highlight focal points deserve attention such as a fountain by aiming two or more light The crossing beams reduce the harsh shadows that form when c shines on an object. Bullet lights may be used to project narrow, beams. Wash lights may be used to throw out a soft, diffuse light	Amenity Walls	Specification Well, bullet, wash or flood lights may be used to illuminate walls positioning fixtures close to the base so that the beams bring tex into sharp relief. Well light may be used to illuminate walls witho seeing a fixture. Bullet lights may be used to project narrow, pre beams. Wash lights may be used to throw out a soft, diffuse ligh for brightening walls. Flood lights may be used with collars to ca wider beam while minimizing side glare.
			General Structures	Flood, bullet or wash lights may be used to highlight focal points deserve attention such as a fountain by aiming two or more light The crossing beams reduce the harsh shadows that form when o shines on an object. Bullet lights may be used to project narrow, beams. Wash lights may be used to throw out a soft, diffuse light

PHYSICAL BARRIERS

Physical Barriers shall be used to discourage/prevent vehicular, pedestrian and cyclist access to restricted and/ or unsafe areas within the park system. The degree (including density/dimensions) of physical barriers shall be determined by DPARD on a case by case basis.

By their nature, physical barriers contribute to the spatial division of parkland, creating "outdoor rooms (facilities)" that are not intended for public access or use. Alternatively, some physical barriers are simply used to protect DPARD equipment/utilities/etc. and/or to direct the traffic flow to safer more accessible routes of travel.

Physical Barriers shall be delineated through the use of: Bollards Fencing Railing Flora (trees, shrubs, ornamental grasses) Formal Screen Informal Screen Privacy Wall Retaining wall Seat Wall

The elements and principles of design shall also be adhered to in the design and development of all physical barriers with the intended/expected benefits of: Defining space Creating unity Enhancing function Enhancing aesthetics

X.X BOLLARDS

OVERVIEW

Acronym/Abbreviation: BLRD

The design, development, preservation and enhancement of bollards in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Bollards shall be used to prevent vehicles from accessing pedestrian pathways and/or restricted / unsafe areas within the park system. They are very effective in reducing accidents in vehicular/pedestrian conflict zones. The quantity and density of bollards shall be determined by DPARD on a case by case basis.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses

A) Allow diverse activities to occur simultaneously
B) facilities administrative visibility/ control of facilities

- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUI	RED LOCATIONS	5	RECOMMENDED LOCATIONS		
		rity elements shall be lo wing locations in the qu		Safety and security elemer each of the following loca recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Peveloped Open Space				City Parks Community Parks Linear Park Preserve Neighborhood Park Pocket Park		1+ 1+ 1+ 1+ 1+ 1+ 1+
Space		D_(Special Use		1+
Indoor Facilities	Amenity	Reference	Min.	Amenity Community Center Gymnastic Center Natatorium Recreation Center Water Park Senior Center	Reference	Rec. 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities	REQUIRE	D SPECIFICATIO		Amphitheater Swimming Pools Spraygrounds Parking Lot Sport Complex Dog Park Skate Park RECOMMENDED S The following specifications		
	for this classifica to maintain the provides the re Any and all n specifications in	tion of safety & security level of service (LOS) sidents of the City of nodifications to the r the development of ior written authorizatio	in order DPARD Denton. required bollards	required) for this classification assist in the equitable distribu- in maintaining/enhancing the DPARD provides the residen Any and all amenities not the required/recommended must received prior written DPARD.	on of safety & sec ution which in tur ne level of service ts of the City of D specifically ident d specifications	urity t n assis e (LOS)entor ified i herei
	Amenity	Specificatio				
Aesthetics	Color Identity	Bollards may be powder coated black, blue, green, red, or yellow. Bollards shall be sensitively integrated into the fabric of the overa system. Their aesthetics, function, availability and maintenance to greatly contribute to the overall identity of DPARD and the city of D Therefore all bollards within developed open space under the pur DPARD shall follow these guidelines. Any modifications must be ap in writing by DPARD prior to selection and/or installation.			cherec)entor view c prove	
		enough to b		tall enough to discourage vel rusive.	nicular traffic and	a sma

RECOMMENDED SPECIFICATIONS

Standard Options

Options



Options 1

Manufacturer: RAB

Type: Pedestrian Amenity

Product/Catalog #: BDLEDR24NK

Color: Black

Cost: \$540.00

Notes:

Site: https://www.rablighting. com/feature/led-bollards?pr oduct=BDLEDR24NK#orderi ng-matrix



Options 2

Manufacturer: Dumor Type: Pedestrian Amenity Product/Catalog #: 400-42 S-1SL

Color: Textured Black or Pyrite

Cost: \$1,225.00

Notes:

Site: https://dumor.com/ products/bollards/bollard-400

X.X FENCING

OVERVIEW

Acronym/Abbreviation: FENC

The design, development, preservation and enhancement of fencing in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

Considerations

Note: All fencing shall be in compliance with the most current version of the City of Denton Site Design Criteria Manual.

To ensure the visual and aesthetic integrity of the DPARD system, fencing shall be installed where necessary to enclose areas for safety, security or privacy reasons, particularly adjacent to residential lots.

DPARD will dictate the design and location of such fencing on a case by case basis.

Gates may vary, and thus must be approved by DPARD.

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 - B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LO	CATIONS	5	RECOMMENDED LOCATION	S
	Safety and security elemen each of the following locati required. <i>*PRN=As needed</i>			Safety and security elements shall be local each of the following locations in the quarecommended.	
	Amenity	Reference	Min.	Amenity Reference	Rec.
Developed Open Space	City Parks Community Parks Linear Park Preserve Neighborhood Park Pocket Park Special Use		PRN PRN PRN PRN PRN PRN PRN		
	Amenity	Reference	Min.	Amenity Reference	Rec.
Outdoor Facilities	Community Gardens Driving Range Basketball Courts Multi-Purpose Courts Tennis Courts Baseball Fields (Adult) Baseball Fields (Youth) Football Fields Ruby Fields Soccer Fields (Adult) Softball Fields (Adult) Softball Fields (Adult) Softball Fields (Youth) Playgrounds Putting Greens Sports Complex Bike Park Dog Park Skate Park		PRN PRN PRN PRN PRN PRN PRN PRN PRN PRN		
	Amenity	Reference	Min.	Amenity Reference	Rec.
Circulation	Multi-Use Trails Mountain Bike Trails		PRN PRN		

The following are specifications that are required for this classification of safety & security in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of fencing must receive prior written authorization the from the DPARD.

RECOMMENDED SPECIFICATIONS

The following specifications are recommended (not required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.

		DFARD.
	Amenity	Specification
F	Color	Fencing may be galvanized, stainless steel or aluminum. Black: Chain link fencing shall be black vinyl coated.
Aesthetics	Height	4' 6' 8'
	Construction	
	Identity	Fencing shall be sensitively integrated into the fabric of the overall park system. Their aesthetics, function, availability and maintenance thereof greatly contribute to the overall identity of DPARD and the city of Denton. Therefore all fencing within developed open space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/or installation.
	Additional Considerations	Fence posts shall be steel, set in concrete and spaced no less than eight (8') feet apart.
		Used material and wood are prohibited.
		Vinyl and powder coat finished are preferred.
		All fencing shall be either black vinyl coated chain link, black vinyl coated horse panel, post and cable, tubular steel and may have brick or stone columns.
Options		
C		

X.X PRIVACY WALLS

OVERVIEW

Acronym/Abbreviation: PWLL

The design, development, preservation and enhancement of privacy walls in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/
 - control of facilities C) complementary spaces form Functional areas that support one
 - another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LC	CATIONS	5	RECOMMENDED LOCATIONS		
	Safety and security elemer each of the following locat required. <i>*PRN=As needed</i>			Safety and security elem each of the following loo recommended.		
	Amenity	Reference	Min.	Amenity	Reference Rec.	
Developed Open Space	City Parks Community Parks Linear Park Preserve Neighborhood Park Pocket Park Special Use		PRN PRN PRN PRN PRN PRN PRN			
	Amenity	Reference	Min.	Amenity	Reference Rec.	
Circulation	Multi-Use Trails		PRN			
	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED	SPECIFICATIONS	
	The following are specificat for this classification of safe to maintain the level of s provides the residents of Any and all modification specifications in the deve walls must receive prior of from the DPARD.	ety & security service (LOS) the City of ns to the r elopment of written autho	in order DPARD Denton. equired privacy prization	The following specification required) for this classificat assist in the equitable distri in maintaining/enhancing DPARD provides the reside Any and all amenities not the required/recommend must received prior writte DPARD.	tion of safety & security to ibution which in turn assist the level of service (LOS) ents of the City of Denton. t specifically identified in led specifications herein	
	Amenity	Specificatio	n			
Aesthetics	Materials Along Rights of Ways (Excluding local streets) Local Streets Identity	or decorative Walls shall wood is used with the good Pilasters are Caps are re Privacy wall park system thereof great Denton. The purview of	ve concre be made d, it shall od side o e require commen ls shall b n. Their atly contr erefore a DPARD sl	of any combination of wro be constructed with steel p	ought iron, and wood. If posts and a decorative cap walls. to the fabric of the overall lability and maintenance of DPARD and the city of ped open space under the Any modifications must	

X.X RETAINING WALLS

OVERVIEW

Acronym/Abbreviation: RTWL

The design, development, preservation and enhancement of retaining walls in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED L	OCATIONS	5	RECOMMENDED LOCATIONS	
	Safety and security eleme each of the following loca required. *PRN=As needed			Safety and security elements shall be located at each of the following locations in the quantities recommended.	
	Amenity	Reference	Min.	Amenity Reference Rec.	
Developed	City Parks Community Parks Linear Park Preserve Neighborhood Park		PRN PRN PRN PRN PRN		
Open Space	Pocket Park Special Use		PRN PRN		
	Amenity	Reference	Min.	Amenity Reference Rec.	
Circulation	Multi-Use Trails		PRN		
	REQUIRED SPE	CIFICATIO	NS	RECOMMENDED SPECIFICATIONS	
	The following are specification of satisfication of satisfication of satisfication of satisfication of satisfication of satisfications the residents of Any and all modifications pecifications in the deviation walls must receive prior from the DPARD.	fety & security service (LOS) of the City of ons to the r elopment of r written autho	in order DPARD Denton. required retaining orization	The following specifications are recommended (not required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.	
	Amenity	Specificatio	n		
Aesthetics	Types	The following types of retaining walls are acceptable for use in the DPARD system. Masonry Retaining Walls Concrete Retaining Wall Concrete Unit Retaining Walls Reinforced CMU Cantilevered Wall Reinforced CMU Retaining Wall with Impermeable backfill Reinforced CMU Retaining Wall with Sloping Backfill Stone Veneer Retaining Wall Brick Veneer Retaining Wall Steel Retaining Walls Stone Retaining Walls Gabion Retaining Walls Mortared Stone Gravity Retaining Walls			
450	Identity	park syster thereof gre Denton. Th the purviev	m. Their atly contr erefore a v of DPA approved	be sensitively integrated into the fabric of the overall aesthetics, function, availability and maintenance ibute to the overall identity of DPARD and the city of all retaining walls within developed open space under RD shall follow these guidelines. Any modifications in writing by DPARD prior to selection and/or	

ADDITIONAL CONSIDERATIONS

X.X TREE GUARDS

OVERVIEW

Acronym/Abbreviation: TGRD

The design, development, preservation and enhancement of tree guards in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Tree guards, when appropriate, shall be placed in more urban environments of the park system. When properly installed they can increase safety, enhance aesthetics and give pedestrians and cyclists a sense of security while traveling along pedestrian/cyclist corridors. Tree guards are typically utilized as an aesthetic means to protect young trees.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneouslyB) facilities administrative visibility/
- control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			REQUIRED LOCATIONS			
	Safety and security elemen each of the following locati required.						
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
F.				Streetscapes			
Circulation							
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Additional Locations				Downtown Cultural District			
	REQUIRED SPEC	IFICATIO	NS	RECOMMENDED SI	PECIFICATIO	ONS	
	The following are specificati for this classification of safe to maintain the level of s provides the residents of Any and all modification specifications in the develop must receive prior written the DPARD.	ty & security ervice (LOS) the City of is to the r oment of tree authorizatio	in order DPARD Denton. required guards on from	The following specifications a required) for this classificatio assist in the equitable distribu- in maintaining/enhancing th DPARD provides the resident Any and all amenities not s the required/recommended must received prior written DPARD.	n of safety & sect ation which in turn e level of service ts of the City of D pecifically identi specifications	urity to nassist e (LOS) enton. fied in herein	
	Amenity Specification						
	Color	Tree guards	s may be	powder coated green or black	K		
Aesthetics	Identity	park system thereof great Denton. The purview of l	n. Their atly contr erefore a DPARD sl	e sensitively integrated into t aesthetics, function, availab ibute to the overall identity o Il tree guards within develope nall follow these guidelines. A ng by DPARD prior to selection	bility and mainte f DPARD and the d open space und Any modification	enance city of der the s must	
	Hardware			re and fasteners shall be low p shed to match unit.	profile, vandal res	sistant,	
Options							

X.X TREE GRATES

OVERVIEW

Acronym/Abbreviation: TGRT

The design, development, preservation and enhancement of tree grates in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Tree grates, when appropriate, shall be placed in more urban environments of the park system. When properly installed they can increase safety, enhance aesthetics and give pedestrians and cyclists a sense of security while traveling along pedestrian/cyclist corridors.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

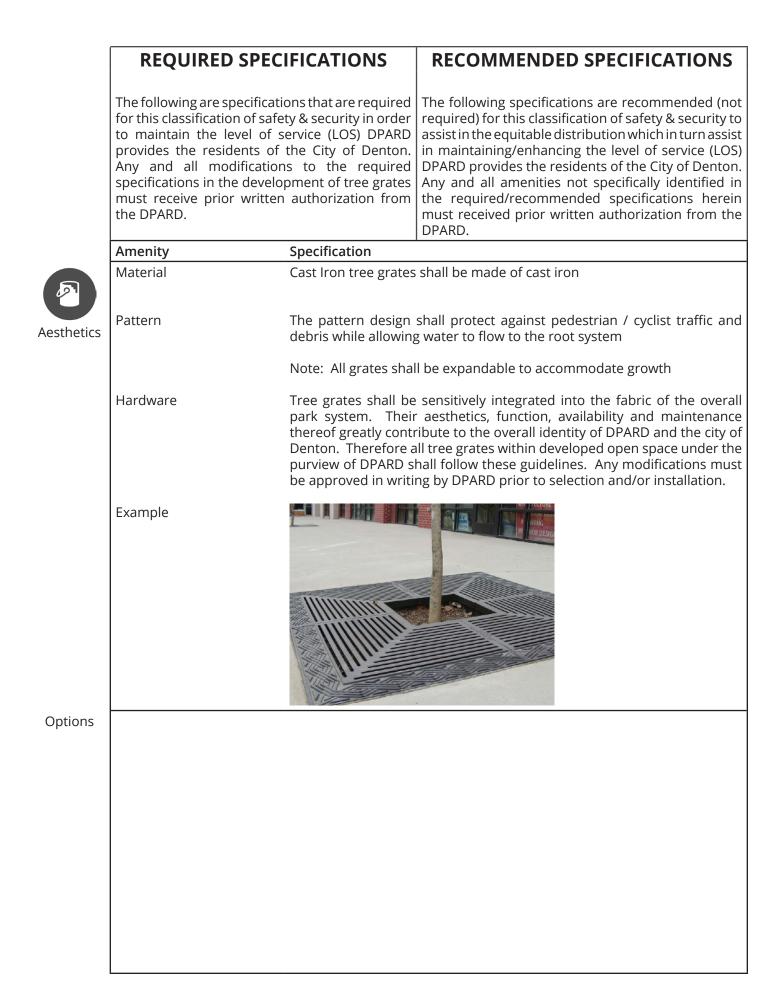
- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- gramming and adjacent uses A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRI	ED LOCATIONS	5	RECOMMENDED LOCATIONS			
	each of the following locations in the quantities			Safety and security elements shall be located at each of the following locations in the quantities recommended.			
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Developed Open Space				City Parks Community Parks Linear Park Preserve Neighborhood Park Pocket Park Special Use		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Rink Sports Complex Natatorium Recreation Center Senior Center Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Outdoor Facilities				Amphitheater Swimming Pools Sprayground Parking Lot Sports Complex Bike Park Skate Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Circulation				Multi-Use Trails Streetscapes		1+	
	Amenity	Reference	Min.	Amenity	Reference	Rec.	
Additional Locations				Downtown Cultural District			



X.X TREE PIT GUARDS

OVERVIEW

Acronym/Abbreviation: TPGD

The design, development, preservation and enhancement of tree pit guards in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Tree pit guards, when appropriate, shall be placed in tree pits throughout the more urban environments of the city. When properly installed they can increase safety, enhance aesthetics and give pedestrians and cyclists a sense of security while traveling along pedestrian/cyclist corridors.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

Tree pit guards are not required by DPARD and may only be used with the written approval of DPARD.

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- A) Allow diverse activities to occur simultaneously
 B) facilities administrative visibility/ control of facilities
- C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIR	ED LOCATIONS	5	RECOMMENDED LOCATIONS		
	each of the following locations in the quantities					
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space				City Parks Community Parks Linear Park Preserve Neighborhood Park Pocket Park Special Use		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Indoor Facilities				Community Center Gymnastic Center Indoor Ice Rink Sports Complex Natatorium Recreation Center Senior Center Water Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Outdoor Facilities				Amphitheater Swimming Pools Sprayground Parking Lot Sports Complex Bike Park Skate Park		1+ 1+ 1+ 1+ 1+ 1+ 1+ 1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation				Multi-Use Trails Streetscapes		1+
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Additional Locations				Downtown Cultural District		

RECOMMENDED SPECIFICATIONS

The following are specifications that are required for this classification of safety & security in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of tree pit guards must receive prior written authorization from the DPARD.

The following specifications are recommended (not required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.

	Amenity	Specification					
Aesthetics	Scale	Tree pit guards shall be 18" minimum to 30" maximum in height around the perimeter of tree pits. This will assist in protecting trees and other flora from dogs and pedestrians and give flora enough space to grow for many years.					
	Material	Cast Iron: Tree pit guards shall be made of cast iron Wrought Iron: Tree pit guards may be made of wrought iron					
	Pattern	The pattern design shall protect against pedestrian / cyclist traffic and debris while allowing water to flow to the root system					
	Identity Additional Considerations	Tree pit guards shall be sensitively integrated into the fabric of the overall park system. Their aesthetics, function, availability and maintenance thereof greatly contribute to the overall identity of DPARD and the city of Denton. Therefore all tree pit guards within developed open space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/or installation.					
		Tree Pit Guards shall not be installed close to tree trunks. Negative Potential Effects: Strangle tree as it grows Failure to protect root zone					

X.X CROSSWALKS

OVERVIEW

Acronym/Abbreviation: CSS

The design, development, preservation and enhancement of crosswalks in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

Allow pedestrians to conveniently and safely cross vehicular circulation zones. The absence of crosswalks has the potential to increase the level of vehicular pedestrian conflict within vehicular circulation zones. Providing crosswalks in appropriate areas increases the level of service DPARD is able to offer the residents of Denton.

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- gramming and adjacent uses A) Allow diverse activities to occur simultaneously B) facilities administrative visibility/ control of facilities C) complementary spaces form
 - Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

	REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	Safety and security elements shall be located at each of the following locations in the quantities required.					
	Amenity	Reference	Min.	Amenity	Reference	Rec.
\bigcirc				City Parks Community Parks		TBD TBD
				Linear Park Preserve		TBD TBD
Developed Open				Neighborhood Park		TBD
Space				Pocket Park Special Use		TBD TBD
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Circulation				Multi-Use Trails		TBD

RECOMMENDED SPECIFICATIONS

The following are specifications that are required for this classification of safety & security in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of crosswalks must receive prior written authorization from the DPARD.

Aesth

The following specifications are recommended (not required) for this classification of safety & security to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.

Specification						
White: Ladder and cont	White: Ladder and continental crosswalks shall be white.					
Crosswalks shall be sensitively integrated into the fabric of the overall park system. Their aesthetics, function, availability and maintenance thereof greatly contribute to the overall identity and commitment to safety of DPARD and the city of Denton. Therefore all crosswalks within developed/undeveloped open space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/or installation.						
Standard Painted Cros	swalks:					
Ladder Cor	tinental					
Enhanced Crosswalks:						
Running Bond	Herringbone	Shaped Pavers				
	White: Ladder and cont Crosswalks shall be set park system. Their active thereof greatly contribing safety of DPARD and the developed/undeveloped follow these guidelines. By DPARD prior to select Standard Painted Cross Ladder Control Ladder Control Ladder Control Enhanced Crosswalks Enhanced Crosswalks	White: Ladder and continental crosswalks shall be Crosswalks shall be sensitively integrated into the park system. Their aesthetics, function, availad thereof greatly contribute to the overall identitisafety of DPARD and the city of Denton. Therefore developed/undeveloped open space under the profolow these guidelines. Any modifications must by DPARD prior to selection and/or installation. Standard Painted Crosswalks: Ladder Continental Image: Continental				

	-	O SPECIFICATIONS RECOMMENDED SPECIFICATIONS
	Amenity	Specification
MISC	CODE	The 2000 Uniform Vehicle Code and Model Traffic Ordinance (Uniform Vehicle Code) (Section 1-112) defines a crosswalk as:
		(1) "That part of a roadway at an intersection included within the connections of the lateral lines of the sidewalks on opposite sides of the highway measured from the curbs, or in the absence of curbs, from the edges of the traversable roadway; and in the absence of a sidewalk on one side of the roadway, the part of a roadway included within the extension of the lateral lines of the existing sidewalk at right angles to the centerline. Any portion of a roadway at an intersection or elsewhere distinctly indicated for pedestrian crossing by lines or other markings on the surface."
		Thus, a crosswalk at an intersection is defined as the extension of the sidewalk or the shoulder across the intersection, regardless of whether it is marked or not. The only way a crosswalk can exist at a mid-block location is if it is marked. Most jurisdictions have crosswalk laws that make it legal for pedestrians to cross the street at any intersection, whether marked or not, unless the pedestrian crossing is specifically prohibited.
		According to Section 3B.17 of the Manual on Uniform Traffic Control Devices (MUTCD), crosswalks serve the following purposes:
		(2) "Crosswalk markings provide guidance for pedestrians who are crossing roadways by defining and delineating paths on approaches to and within signalized intersections, and on approaches to other intersections where traffic stops.
		Crosswalk markings also serve to alert road users of a pedestrian crossing point across roadways not controlled by traffic signals or STOP signs.
		At intersection locations, crosswalk markings legally establish the crosswalk."
		The MUTCD also provides guidance on marked crosswalks, including:
		Crosswalk width should not be less than 1.8 meters (m)(6 feet (ft)). Crosswalk lines should extend across the full width of the pavement (to discourage diagonal walking between crosswalks).
		Crosswalks should be marked at all intersections that have "substantia conflict between vehicular and pedestrian movements."
		Crosswalk markings should be provided at points of pedestriar concentration, such as at loading islands, mid-block pedestrian islands and/or where pedestrians need assistance in determining the proper place to cross the street.
		The MUTCD further states that: "Crosswalk lines should not be used indiscriminately. An engineering study should be performed before they are installed at locations away from traffic signals or STOP signs."
		However, the MUTCD does not provide specific guidance relative to the site condition (e.g., Traffic volume, pedestrian volume, number of lanes presence or type of median) where marked crosswalks should or should not be used at uncontrolled locations. Such decisions have historically been left to the judgment of State and local traffic engineers.

_	ECIFICATIONS	RECOMMENDED SPECIFICATIONS
Amenity	Specification	
CODE	have differed wide controversial topic a safety advocates fo	ices on where to mark or not mark crosswalk ly among highway agencies, and this has been among researchers, traffic engineers, and pedestrian or many years. More specific safety research and en needed on where to mark or not mark crosswalk tions.
	accessible to wheel of connectivity betw	l or unmarked crosswalks are also required to be chair users if an accessible sidewalk exists. The leve ween pedestrian facilities is directly related to the sistency of street crossings.

X.X SECURITY CAMERAS

OVERVIEW

Acronym/Abbreviation: SCAM

The design, development, preservation and enhancement of security cameras in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

- 1) The relationship/flexibility between indoor/outdoor facilities, site amenities, programming and adjacent uses
 - A) Allow diverse activities to occur simultaneously
 - B) facilities administrative visibility/ control of facilities
 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

[REQUIRED LOCATIONS			RECOMMENDED LOCATIONS		
	Safety and security elemen each of the following locati required.			Safety and security elements s each of the following locations recommended.		
	Amenity	Reference	Min.	Amenity	Reference	Rec.
Developed Open Space				City Parks Community Parks Linear Park Preserve Neighborhood Park Pocket Park Special Use		TBD TBD TBD TBD TBD TBD TBD
	Amenity	Reference	Min.	Amenity	Reference	Rec.
东				Multi-Use Trails		TBD
Circulation						
	REQUIRED SPECIFICATIONS			RECOMMENDED SPECIFICATIONS		
	The following specification for this classification of so order to maintain the lee DPARD provides the reso of Denton. Any and all re required specifications in security cameras must re authorization from the DPA	safety & sec vel of servic sidents of t modifications the developr eceive prior	urity in e (LOS) he City to the ment of	The following specifications are r required) for this classification of assist in the equitable distribution in maintaining/enhancing the lev DPARD provides the residents of Any and all amenities not speci the required/recommended spe must received prior written auth DPARD.	safety & sec which in turn vel of service the City of D fically identi ecifications	urity to n assist e (LOS) Denton. ified in herein
Ì	Amenity	Specificatio	n			
	Color	Security can	neras ma	y be black, gray or white.		
Aesthetics	Identity Hardware	Security cameras shall be sensitively integrated into the fabr the overall park system. Their aesthetics, function, availability maintenance thereof greatly contribute to the overall identity of DI and the city of Denton. Therefore all security cameras within devel open space under the purview of DPARD shall follow these guidelines modifications must be approved in writing by DPARD prior to sele and/or installation.				
				re and fasteners shall be low profi shed to match unit.	le, vandal re	sistant,



This section outlines the required and recommended specifications for safety and security within the City of Denton. The following are the definitions of the items that can be found in the following pages.

WIFI

ELECTRICAL

[INSERT FUNCTION HERE]

[INSERT FUNCTION HERE]

WATER

MECHANICAL EQUIPMENT

[INSERT FUNCTION HERE]

[INSERT FUNCTION HERE]

PLUMBING FIXTURES

SECURITY LIGHTS

[INSERT FUNCTION HERE]

[INSERT FUNCTION HERE]



OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of WIFI in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

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 - A) Allow diverse activities to occur simultaneously
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 - C) complementary spaces form Functional areas that support one another (cohesive site design)
 - 1a) grouped activities maximize accessibility, control
 - 2a) separated activities minimize conflicts
- 2) Potential for growth/expansion to meet the needs of a growing population
- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATION	IS	RECOMMENDED LOCATIO	ONS
Technology and utilities shall be lo each of the following locations in the required.			
Amenity Reference	Min.	Amenity Referen	ce Rec.
REQUIRED SPECIFICATIO	ONS	RECOMMENDED SPECIFICAT	TIONS
The following are specifications required for this classification of te and utilities in order to maintain the service (LOS) DPARD provides the res the City of Denton. Any and all modifie the required specifications in the dev of WIFI must receive prior written auth from the DPARD.	echnology e level of sidents of cations to elopment	(not required) for this classification of to and utilities to assist in the equitable di which in turn assist in maintaining/enha level of service (LOS) DPARD provides the of the City of Denton. Any and all ame	echnology stribution incing the residents nities not mmended
Amenity Specificat	ion	1	

X.X ELECTRICAL

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of electrical in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

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- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATIONS		RECOMMENDED LOCATIONS
Technology and utilities shall be locate each of the following locations in the quant required.		Technology and utilities elements shall be located at each of the following locations in the quantities recommended.
Amenity Reference Mi	n.	Amenity Reference Rec.
REQUIRED SPECIFICATIONS	5	RECOMMENDED SPECIFICATIONS
The following are specifications that are required for this classification of technology and ution order to maintain the level of service (DPARD provides the residents of the Cite Denton. Any and all modifications to the required specifications in the development of election must receive prior written authorization the the DPARD.	lities LOS) Ly of Jired trical	The following specifications are recommended (not required) for this classification of technology and utilities to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.
Amenity Specification		



OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of water in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

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- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED L	OCATIONS	RECOMMENDED L	OCATIONS
Technology and utilities each of the following locar required.		Technology and utilities eleme at each of the following location recommended.	
Amenity	Reference Min.	Amenity	Reference Rec.
REQUIRED SPE	CIFICATIONS	RECOMMENDED SPE	CIFICATIONS
The following are sp required for this classifica utilities in order to maint (LOS) DPARD provides th of Denton. Any and all required specifications i water must receive prior from the DPARD.	ation of technology and ain the level of service residents of the City modifications to the n the development of	The following specifications (not required) for this classific and utilities to assist in the e- which in turn assist in mainta level of service (LOS) DPARD pr of the City of Denton. Any ar specifically identified in the req specifications herein must re- authorization from the DPARD.	ation of technology quitable distribution ining/enhancing the rovides the residents and all amenities not uired/recommended
Amenity	Specification		

X.X MECHANICAL EQUIPMENT

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of mechanical equipment in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

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- 3) Compatibility for multi-generational population
- 4) Universal accessibility

REQUIRED LOCATIONS	RECOMMENDED LOCATIONS
Technology and utilities shall be located at each of the following locations in the quantities required.	Technology and utilities elements shall be located at each of the following locations in the quantities recommended.
Amenity Reference Min.	Amenity Reference Rec.
REQUIRED SPECIFICATIONS	RECOMMENDED SPECIFICATIONS
The following are specifications that are required for this classification of technology and utilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of mechanical equipment must receive prior written authorization from the DPARD.	The following specifications are recommended (not required) for this classification of technology and utilities to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not specifically identified in the required/recommended specifications herein must received prior written authorization from the DPARD.
Amenity Specification	

X.X PLUMBING FIXTURES

OVERVIEW

Acronym/Abbreviation:

The design, development, preservation and enhancement of plumbing fixtures in the DPARD system shall comply with the following required and/or recommended specifications.

FUNCTION

[INSERT FUNCTION HERE]

Compliance

Adherence to all design guidelines and standards as well as compliance with all regulatory and permitting requirements including, but not limited to

- City Code Compliance
- Regulatory permitting requirements

SPATIAL ORGANIZATION

In an effort to encourage social interaction, user participation, user safety and to reduce construction/ maintenance costs, great care and consideration shall be given to

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REQUIRED LOCATIONS	RECOMMENDED LOCATIONS
Technology and utilities shall be located at each of the following locations in the quantities required.	
Amenity Reference Min.	Amenity Reference Rec.
REQUIRED SPECIFICATIONS	RECOMMENDED SPECIFICATIONS
The following are specifications that are required for this classification of technology and utilities in order to maintain the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all modifications to the required specifications in the development of plumbing fixtures must receive prior written authorization from the DPARD.	required) for this classifications of technology and utilities to assist in the equitable distribution which in turn assist in maintaining/enhancing the level of service (LOS) DPARD provides the residents of the City of Denton. Any and all amenities not
Amenity Specification	·

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Section 12: LANDSCAPE

This section outlines the required and recommended specifications for landscape within the City of Denton. The following are the definition of the items that can be found in the following pages.

	Background
Geography	Blackland Prairie & Cross Timbers
	The DPARD system straddles both the Blackland Prairie and Cross Timbers eco- regions north of Dallas. This region is situated in a dynamic region comprised of a true temperate prairie grassland dominated by perennial and annual grasses. The gently rolling hills of this region are underlain by upper cretaceous marine chalks, limestone and shale which give rise to the development of the characteristic black, heavy clay soils and slightly more sandy soil along major rivers and tributaries. The blackland prairie soil is considered to be some of the richest in the world. Historically, the east-central portion of the blackland prairie was once part of a vast tall grass prairie made up of big bluestem, little bluestem, switchgrass, sideoats and other flora. Early settlers were drawn to this region by the productive soils, gentle topography, and luxurious native grasslands.
	Throughout history a variety of working landscapes have developed in the region taking the form of farming practices such as croplands and livestock production. Aquatic development occurred primarily as reservoirs and stock ponds while other forms of development occurred across a hierarchy ranging from small farming communities to booming metropolitan areas. Exurban residential development was widespread but more prevalent in areas within commuting distances of the major urban centers.
Landscape Inspiration	DPARD takes a purposeful sampling approach, selecting historically and culturally rich influences with the ability to guide the development of the parks system that increases quality of life for residents and promotes environmental awareness and stewardship. DPARD's landscape design philosophy integrates the region's character within a variety of systems. Throughout DPARD's inventory of developed / undeveloped open space including parks, R.O.W.s, streetscapes and other city facilities DPARD incorporates naturalistic, native, prairie and agrarian ideals to varying degrees based on anticipated recreational use and aesthetic considerations. Retention/detention basins, ponds, lakes and creeks shall use bottomland tree species and prairie grasses along their edges to promote water quality, decrease maintenance and create a meaningful and memorable 'genus loci'. Expansive open lawn areas shall accommodate both active and passive recreational uses stitched together through a meandering network of trails. Streetscapes shall include a mix of informal native shade trees, shrubs, sweeping grasses and wildflowers. The primary park entrances and beautification nodes around the city shall include both monumentation and mass planting. Groves in both developed and undeveloped open space shall be created as a unique and strong backdrop thoughout the park system creating a naturalistic composition throughout the city of Denton. The long term goal being to create a park system wide landscape that becomes a series of outdoor rooms with distant prairie views, close connections to productive landscapes and opportunities for flexible recreation and healthy living.

Destau late t	The manual taken to false level at the taken of the taken to the takent to the taken to the taken to the taken to the taken to the take
Design Intent	The general intent of the landscape guidelines is to provide a framework for site improvements. In keeping with the design philosophy of DPARD, it is important that all developed and undeveloped open space blend with the surrounding environment. Careful integration of site grading, architecture, and landscaping will contribute to this end goal, while also optimizing the potential of each park property. Thoughtful attention to landscape design will ensure that current and future parks will continue to be and/or become an integrated element in the overall character of the city of Denton. To further this goal, it is important to preserve and incorporate native plant material and existing trees into each proposed landscape. The goal is to create an orderly landscape utilizing native and adaptive plants, which are naturally drought tolerant and resistant to pests and diseases. With
	less watering, fertilizing, and chemical control required, DPARD will contribute to the conservation and preservation of our precious water resources. Utilizing the minimum standards set forth in these guidelines will help achieve these ideals.
	General Guidelines
shall furnish all labor, materials Builder shall completely coordi be maintained when siting residu within public open space, or re- will not be considered. Unauth prohibited and shall result in the installed by the builder before he landscaping professionals. Any water planting areas until the jo	grading and minor leveling of planting areas, soil preparation, and planting. Builder , equipment and services required as herein specified and indicated on the drawings. nate with work of all other trades. View corridors into the public open spaces should dences and designing residential landscapes. Requests for landscape modifications equests for residential landscaping that adversely impacts the landscape of same horized landscaping, mowing or pruning of public open space vegetation is strictly ne levying of sanctions against the offending party by the DRC. Landscaping shall be nome completion and occupancy. Initial landscaping shall be performed by qualified hose or other watering equipment shall be provided by the landscape contractor to ob is accepted by the builder. Builders shall extend landscaping to the street curb or o the street. All excess soil, soil preparation materials, fertilizer, or plant containers upon completion of work.
Preparation	Contractor shall be responsible to examine/verify all areas and conditions under which work is to be performed, including the location of all underground utilities, pipes, structures and line runs in the field prior to the installation of any plant material. Notify landscape designer of any conditions detrimental to proper and timely completion of work. It is the responsibility of the contractor to advise the landscape designer of any condition found on the site which prohibits the installation as shown on the drawings.
	Landscape contractor is responsible to review site environmental conditions prior to and during installation of plant material. Any discrepancies or concerns between the environmental site conditions (i.e. Soil type, water, climate, wind, sun exposure, etc.) and the plant material specified within he drawings shall be brought to the attention of the landscape designer and shall be done in writing. A this time, contractor can provide sufficient solutions or alternative plant material for substitution. Landscape designer will review conditions and information submitted by contractor and will issue a directive. Should plant material die due to the environmental conditions described above the landscape contractor assumes all warranty and guarantee of the plant material installed.
Coordination	Landscape contractor is responsible for all coordination with other contractors on site as required to accomplish all planting operations.
	Verification Plant quantities have been provided as a convenience only and shall not be considered absolute. Contractor shall verify all quantities of plant material necessary for full coverage in all planting areas as specified in drawings as well as miscellaneous items such as edging, bed preparations and mulch prior to bidding and provide revised quantities at time of bid. Contractor will verify plants in inventory or off site. Landscape designer reserves the right to place and/or adjust placement of all plant material.

	General Guidelines
Chemicals	Fertilization, weed and pest controls, etc. should be provided only as required for optimum plant growth. Root Activator shall be "Green Light" or "Ortho" brands or equal.
	Contractor shall add an approved fertilizer appropriate to new planting and lawn turf that is appropriate to the season of year. Contractor to aerate by water injection and hand fork all areas that have been compacted due to construction prior to planting area. All Planters will be fertilized also.
	Add Fertilizer tablets to all trees and shrubs, one tablet per 1/2" caliper for trees and one tablet per 12" of height or spread for each shrub at installation.
Drainage	Existing and proposed drainage and grading shall be indicated on the site plan. Builders shall not interfere with the established drainage pattern over any property except as approved in writing by the DRC, who shall consider the interest of the entire community.
	Builders shall conform to the established drainage pattern, shall cause water to drain away from the foundation of the house, and shall prevent water from flowing under or ponding near or against the house foundation. Builders may make drainage modifications to their lots provided that they do not alter the established drainage pattern.
	Water shall flow fully over walkways, sidewalks or driveways into established drainage patterns. Obstruction of surface flows resulting in a backup of water onto any lot or tract is strictly prohibited. If deemed necessary, the DRC may require a report from a drainage engineer as part of landscaping or improvement plan approval.
Erosion Control	In some cases, there may be relatively steep slopes on a lot. It is important to note that if slopes are not landscaped, severe erosion and silting may occur. All erodible areas of disturbed soil shall be protected through the use of "best management practices" until the soil is stabilized. Failure to exercise proper soil and sediment control techniques, particularly in areas which drain directly into ponds, detention facilities, streets or storm sewer inlets may result in the DRC installing erosion control devices and assessing the costs thereof against the builder. The builder shall landscape slopes within seven (7) days after grading is complete.
	Accepted erosion control techniques include the use of sedimentation basins, filtration materials such as straw bales or permeable geotextiles, and slope stabilization fabrics or tackifiers. Loose aggregate or wood chips are not recommended on steep slopes. The builder shall install ground cover and shrubs as necessary to prevent slope erosion. As defined above, accepted erosion control measures shall be used during construction to reduce adverse silting impacts downstream.
Pruning	Newly planted trees shall have a minimum clear trunk height of 4'-6'. Existing trees overhanging into the public R.O.W. shall have a minimum clear trunk height of fifteen (15) feet over streets, drive aisles, alleys and fire lanes. Trees overhanging private streets, walks and/or parking lots shall have a minimum clear trunk of ten (10) feet.
Staking/Guying	All trees are to be secured with the Tulley root anchor system through the one year warranty at which time the landscape designer shall determine if removal is necessary (refer to planting details).

	General Guidelines
Maintenance	 PARD is a quality park system committed to its visual integrity. All landscaping shall be maintained in accordance with the requirements set forth in these standards. To ensure healthy well-maintained plant materials, landscaped common areas shall receive routine maintenance. The landscape contractor is responsible for watering, cultivating, and other necessary maintenance until the completion and acceptance of all new development work. Each tree will be pruned to preserve the natural shape and character of the plant. All pruning will be done after delivery to the site. All soft wood or sucker growth and all broken or badly bruised branches shall be removed. All pruning cuts shall be sharp and clean. If necessary, limbs shall be banded if cracks are visible. No more than 1/3 of the foliage on woody plants should be pruned when needed. Landscape contractor shall be responsible for maintaining all landscaping
	 accordance with standard horticultural procedures, including irrigation as necessary, until substantial completion and acceptance by DPARD. Apply water immediately after planting at 2 ties the gallon size of the plant container. Thereafter, water the plants according to the schedule reflected on the
	irrigation plan.
	Landscape Design Guidelines
Foundation Planting	Care should be taken when planting large trees and shrubs near the foundation of any buildings within parks property. Large trees and shrubs should be planted no closer to a foundation than two (2) times the diameter of the root ball of the mature plant. Avoid planting shrubs along a building's foundation at a constant distance from the foundation. Radius beds should be placed six feet (6') minimum from the structure. Widths of the beds should vary. A single row of foundation planting is not acceptable.
Planting Beds	Planting beds, in addition to foundation plants, should offer a more lush appearance to the community. No bare ground is acceptable. Planting beds are to be curvilinear with the shrubs massed in tiers. Smaller shrubs and ground cover are to be placed in the front of the bed. Larger shrubs should be placed in the rear of the bed. Groupings of shrubs of the same species provide a substantial look in scale with structures. Mow Strips are required.
Tree Pits	To ensure the safety, visual and aesthetic integrity of the city and the DPARD system are unified, the following guidelines shall be observed in relation to tree pits. These guidelines generally follow regulations of other agencies with street jurisdictions such as Fire, DOT, MTA. These requirements are design and species dependent. The Americans with Disabilities Act (ADA) guidelines must be followed.
	Location: Tree Pits shall not be located in front of building entrances in order to permit easy access by Fire Department. Shall be contiguous to the street curb unless otherwise noted. Do not locate within bus stops
	 Setbacks: All setback distances are dependent upon tree species. Distance from Streetlight: 25' O.C. setback (minimum) Distance from Stop Sign: 0' O.C. setback (minimum) Distance from other Traffic Signs: 6' O.C. setback (minimum) Distance from Parking Meter: 5' O.C. behind meter to allow for the swing of car doors. Distance from Gas/Water Valve: 2' (minimum) from edge of tree pit Distance from Curb Cut: 7' (minimum) from edge of tree pit Distance from Driveway: 7' (minimum) from edge of tree pit

	Landscape Design Guidelines
Tree Pits	Distance from Middle of street intersection: 40' (minimum) from edge of tree pit Distance from Building Wall: 6' (minimum) from edge of tree pit Distance from Railing: 6' (minimum) from edge of tree pit
	Scale Tree pits shall be as large as possible to allow ample growing space for roots and crown.
	Continuous tree pits are encouraged whenever possible. Tree pits shall be continuous wherever group plantings are involved.
	Tree Pit near building entrances: 5'x8' (recommended) Tree Pit near driveways: 5'x8' (recommended) Tree Pit along pedestrian pathway: 5'x10' (standard) 5'x12' (preferred)
	Spacing Small Tree Pits: 20' O.C. (maximum) Medium Tree Pits: 30' O.C. (maximum) Large Tree Pits: 30'-45' O.C. (maximum)
	Companion Amenities Design/Construction Constraints
	Do not install raised brick or concrete tree wells. The interior space created by the solid wall enables/encourages the addition of soil over the tree root zone for plantings, unwittingly suffocating tree roots.
Street Trees	To ensure the visual and aesthetic integrity of the DPARD system, fencing shall be installed where necessary to enclose areas for safety, security or privacy reasons, particularly adjacent residential lots
	Location: Street trees shall not be located in front of building entrances in order to permit easy access by Fire Department.
	Spacing: Minimum distance between trees (center to center) is dependent upon the tree species and environmental conditions.
	Small Trees: 20' O.C. (maximum) Medium Street Trees: 30' O.C. (maximum) Large Street Trees: 30'-45' O.C. (maximum)
	Visual Barriers : Visual Barriers shall be used to discourage/prevent visual access to objectionable and/or private/restricted areas/property within and adjacent to parkland. The degree (including density/dimensions) of visual barriers shall be determined by DPARD on a case by case basis.
	By their nature, visual barriers contribute to the spatial definition and perception of each park and facility within. The effect visual barriers have on perception also greatly influences experience, safety and usage.

Street Trees Visual Barriers shall be delineated through the use of: Berms Fencing Landforms Railing Trellis Flora (trees, shrubs, ornamental grasses) Formal Screen Informal Screen Informal Screen Privacy Wall Retaining wall Seat Wall The elements and principles of design shall also be adhered to in the design and development of all visual barriers with the intended/expected benefits of: Defining space Creating unity Enhancing function Enhancing function Enhancing aesthetics Crime reduction Sound barrier Privacy Yrivacy Safety Security Note: It should be noted that when something is hidden (100%) it increases curiosity to find out what is being hidden as well as creating places to hide or potentially commit crime. Whenever possible, visual screening should be at 90% or below to assist in reducing vandalism/crime.
 Screening: Where practical, all meters, air conditioning units, power and pool equipment shall be completely screened from public view. Where possible, builders shall design niches or offsets to hide mechanical equipment. Extreme care shall be taken in the location of condensers to avoid noise infiltration of adjacent "quiet" zones. The equipment should be placed in appropriate spaces, and utility meters must be painted to match the main color of the adjacent wall. Hedges may be used for screens if plants are mature enough and spaced close enough to provide adequate screening at the time of installation. Staggered spacing of shrubs for hedges makes a good screen. Shrubs and / or vines should be used in front of fences. Sight Triangle: A thirty five (35') by thirty five foot (35') sight distance triangle is required. Landscape planting may not violate this requirement. Location / Spacing: Location and spacing for plants shall be shown by stem location or by notations on the plans for all new development. All tree planting locations shall be staked by the landscape contractor and shall be approved by DPARD prior

	Landscape Design Guidelines
Street Trees	Minimum Standards All required landscaped open areas shall be completely covered with living plant material. Mulch and other materials can be used around required shrub and tree plantings. Landscaping should consist of a combination of sodded turf areas, shrubs and ground cover bed areas. Landscaped areas shall be 100% sod where there are no beds. Landscaping should be done in such a manner to provide a colorful and complementary foreground to the community. Avoid placing large trees and plants in front of significant architectural features. Use the landscape to screen objectionable view. Plant materials shall conform to the standards of the approved plant list and with the city of Denton Ordinance. The quantity of plant material must equal or exceed the minimum number of plants required in these guidelines.
	A minimum number of trees shall be planted determined by mature canopy size. Shade trees are to be container grown or machine dug. They are to have a minimum 3" caliper measured twelve inches (12") from the base of the tree and be a minimum of ten feet (10') in height. Trees shall have an average spread of crown of greater than fifteen feet (15') at maturity. Trees having a lesser average mature crown of fifteen feet (15') may be substituted by grouping the same so as to create the equivalent of fifteen feet (15') crown of spread.
	Large trees must be planted four feet (4') or greater from curbs. Large trees shall be placed a minimum of four feet (4') from sidewalks, utility lines, screening walls and/or other structures. Ornamental trees may be placed closer than four feet (4') with approval from the city of Denton. Any reduction in spacing requires a root barrier approved by the city of Denton. Evergreen trees intended for screening will have a minimum height of six feet (6') at the time of planting.
	Shrubs other than dwarf variety shall be a minimum of two feet (2') in height when measured immediately after planting. A screening hedge, where required, shall be planted and maintained so as to form a continuous, unbroken, solid visual screen that will be three feet (3') in height within one (1) year after planting. Evergreen shrubs intended for required screening shall be a minimum of seven gallons (7 gal) and be capable of attaining six feet (6') in height in two growing seasons.
	Ground covers used in lieu of grass must provide complete coverage within one (1) year of planting. Ground cover planting must provide and maintain adequate coverage as approved by DPARD. Other plant materials in excess of the quantities required in these standards may be small than the required material. Builders shall be required to submit a landscape plan for DPARD approval, consisting of the required minimums. The landscape design should enhance the aesthetics of the park.
Planting Beds	Planting beds shall be used as accent and focal points only. Enormous planting beds take away valuable parkland and require high levels of maintenance. The focus of planting beds in the DPARD system is to draw attention, beautify the city and welcome residents and visitors to the parks and facilities DPARD offers. It should be noted that garden walks, streetscapes and botanical gardens are outlined in other sections of these standards and follow different guidelines.

	Landscape Design Guidelines
Planting Beds	By their nature, planting beds contribute to the spatial definition and perception of each park and facility within. The effect planting beds have on perception also greatly influences experience, safety and usage.
	Planting beds shall be delineated through the use of: Shape/Form Geometric
	- Circular - Linear Naturalistic (organic)
	- Meandering Lines - Organic Edges - Fragmented Edges
	Styles - Formal - Informal
	Types - Drifts/Sweeps - Dry Stream Beds - Mass Planting - Mowstrips
	The elements and principles of design shall also be adhered to in the design and development of all planting beds with the intended/expected benefits of: - Defining space - Creating unity - Enhancing function - Enhancing aesthetics - Pollution control/reduction - Sound barrier - Privacy - Safety
	Bed Construction Stake bed preparation or otherwise. Designate the proper locations according to the plans. Obtain approval of final locations before continuing work under this item.
	Apply a glyphosate type herbicide to the bed preparation areas (two times, fifteen (15) days apart) to eradicate all existing vegetation. Obtain approval before application of herbicide. Fifteen days after second herbide application, excavate the bed preparation areas.
	All beds are to be left 1" (one inch) below finished grade of adjacent pavement by general contractor. Landscape contractor shall be responsible for fine grading and removal of all debris and clods greater than 1" diameter prior to planting in all areas.
	Final finished grading shall be reviewed by the landscape designer. Contractor is responsible for any additional topsoil required to create a smooth condition suitable for planting.
	Landscape contractor shall stake out locations of all trees to be planted for review by the landscape designer prior to installing. Landscape designer reserves the right to adjust tree locations in the field as necessary.

	Landscape Design Guidelines
Planting Beds	Final finished grading shall be reviewed by the landscape designer. Contractor is responsible for any additional topsoil required to create a smooth condition suitable for planting.
	Landscape contractor shall stake out locations of all trees to be planted for review by the landscape designer prior to installing. Landscape designer reserves the right to adjust tree locations in the field as necessary.
	Shrub/ground cover beds shall be staked for review by the landscape designer prior to excavation and or bed preparation.
	Contractor shall also expose root flare of tree 2" above finish grade and determine true grade of root ball while setting grade of tree in field. Always account for settlement of root ball to prevent trees from being planted too deep.
	Landscape contractor shall install steel edging between planting beds, lawns, native grass areas and gravel areas.
	Landscape designer shall select and approve all trees and specimen shrubs for this project prior to the delivery of materials to the site.
	Upon completion of planting, contractor shall remove all wire, plastic, burlap and nylon rope from root balls. All tags and flags shall be removed from all newly installed materials.
	Contractor shall remove all debris generated by work operations and must leave entire planting area in a raked condition free of debris, and all paved areas adjoining the planting areas in a broom clean condition ready for final acceptance.
	Natural Lawns (meadow lawn/not mown)
	Natural Lawns shall be used primarily in undeveloped open space, nature parks and designated sections of developed open space. The focus of natural lawns in the DPARD system is to draw attention, beautify the city and reduce the stress of urban life. Natural lawns also serve to expand wildlife corridors, reduce stormwater runoff, erosion and heat island effect.
	By their nature, natural lawns contribute to the spatial definition and perception of the city as a whole. The effect natural lawns have on perception also greatly influences experience and identity of the city and the park system.
	The elements and principles of design shall also be adhered to in the design and development of all natural lawns with the intended/expected benefits of: - Defining space - Creating unity - Enhancing function - Enhancing aesthetics - Crime reduction - Pollution control/reduction - Sound barrier

	Landscape Design Guidelines
Rowling Lawns	Landscape Design Guidelines Rolling Lawns shall be used primarily in developed / undeveloped open space and nature parks. The changes in topography support both active and passive recreation allowing for mystery and surprises as users navigate around berms, mounds and/or niches. Even a small berm represents nature better than a completely flat landscape. The focus of rolling lawns in the DPARD system is to draw attention, beautify the city, reduce the stress of urban life, stimulate imagination and enhance active and passive recreational activities. Rolling lawns also reduce stormwater runoff, erosion and heat island effect. By their nature, rolling lawns contribute to the spatial definition and perception of the city as a whole. The effect rolling lawns have on perception also greatly influences experience and identity of the city and the park system. The elements and principles of design shall also be adhered to in the design and development of all natural lawns with the intended/expected benefits of: . Defining space . Creating unity . Enhancing function . Pollution control/reduction . Sound barrier The following is a list of approved plant material for use within DPARD. Other plant material may be used if approved by the DPARD, but priority should be given to plants from this palette. Turf All turf area will be installed using solid sod pattern, with joints sanded and rolled twice (min.) to ensure a smooth, even mowable lawn area (as applicable).

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Soil	Top Soil
	Topsoil shall be natural, fertile, friable soil possessing characteristics of representative productive soils in the vicinity. It shall not be excessively acidic or alkaline or contain toxic substances which may be harmful to plant growth. Topsoil, shall be without admixture of subsoil and shall contain a minimum of lumps, stone, stumps, roots of similar substances one inch or more in diameter. Topsoil shall be free from weeds and other noxious materials, topsoil shall not be stripped, collected or deposited while wet. Spread topsoil where necessary to fill low areas to achieve proper drainage.
	Soil Enhancement
	Good soil mixes should be provided. They should include sufficient organic material (30% per tilled depth). Topsoil shall be natural, fertile, friable, soil possessing characteristics of representative productive soil in this vicinity. It shall not be excessively acidic or alkaline or contain toxic substances, which may be harmful to plant growth. Topsoil shall be free from weeds and other noxious materials. Topsoil shall not be stripped, collected or deposited while wet. Existing topsoil at the site will be used for tree planting.
	Compost: shall be decomposed, sterile organic material such as cotton hulls, pine bark, mulch or sterile manure products or approved equal. This material shall have been sufficiently composted and shall be free of fungus, grass, weed seed, debris, or any toxic substances. For soil with an alkaline pH condition (6.5 to 10.0) use "New Life Acid Grow" soil conditioner as produced by Soil Building Systems, Inc., Dallas, TX, or approved equal.
	For soil with acidic pH condition (4.0 to 6.5) use "Perma Green Compost" as produced by Texas Earth Resources, Inc. Dallas, TX, "New Natural Grower" as produced by Soil Building Systems, Inc., Dallas, TX, or approved equal. Sulfur Soil: Shall be Wacco brand or approved equal.
	Planting Soil Mixture
	Al bed preparation shall be living earth azalea soil blend. Bed prep around existing trees (1) lightly hand fork/aerate around roots of existing trees. Gently work in up to 2" of living earth azalea soil blend, taking care not to smother or damage tree roots. General bed prep (2) Excavate as necessary to allow backfill of a 12" layer of living earth azaea soil blend. Prior to backfill, till sub grade to a 6-8" depth to break hard pan. Flood with water to ensure good drainage. If good drainage does not exist, stop work and notify landscape designer. Finished bed shall be mounded in the center or high in the rear of bed to ensure good drainage taking into account for settlement and displacement from shrubs. Till bedding soil into sub grade to create a fine, loose, fire able soil suitable for planting. Do not damage roots of existing trees. Minimize preparation / tilling under existing tree canopies. Bed preparation (3) same, except add 8" layer of living earth azalea soil blend. Bed preparation *4) same expert add 18" layer of living earth azalea soil blend

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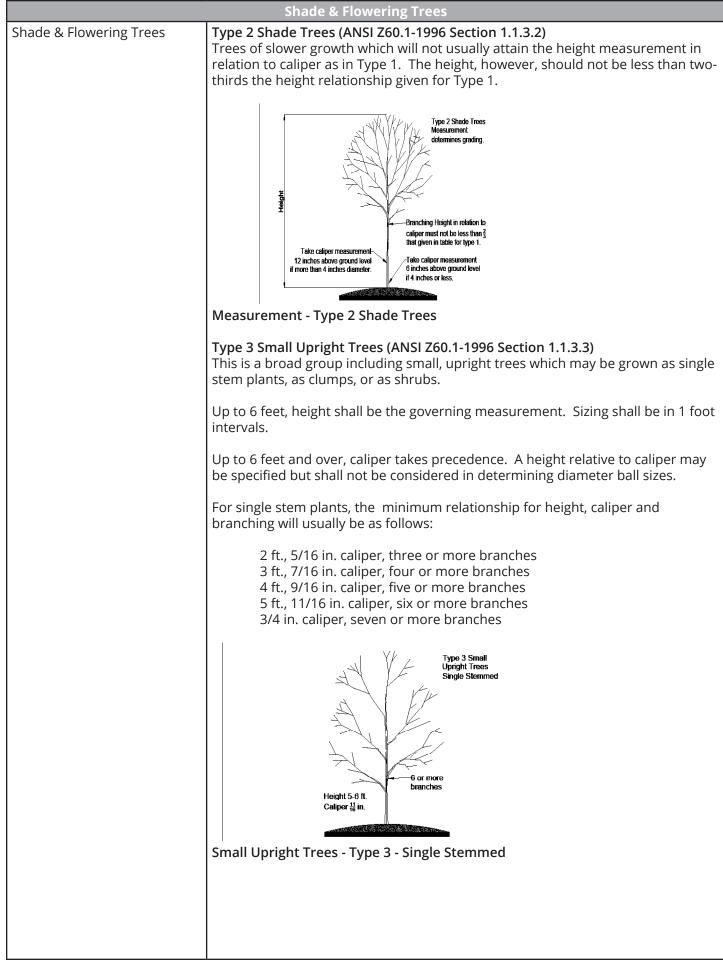
	Grading
Grading	The surface of all planting areas shall slope and shall be indicated as such on plans for new development. Grading shall be done in a manner that does not interfere with the established drainage pattern over any property, except as approved in writing by DPARD. Whenever possible, development shall work with the natural contours and seek solutions that minimize the impact of grading with respect to major alterations of existing grades. Grading shall not extend onto adjacent properties without approval of the owners of those adjacent properties. Berms are to be graded in gentle, undulating, naturalistic forms, and not straight or steep slopes. Provisions are to be made for drainage around or through berms as required. Swales are to be graded shallow and wide to slow runoff and improve water quality through natural bio-filtration. When manipulating slopes, avoid steep cuts and provide a natural look. Steep slopes greater than 3:1 should be broken with retaining walls or steps. Terracing of lawns is discouraged. All retaining walls shall be submitted to, and approved by DPARD prior to construction. Berms, slopes and swales may be used to define spaces, screen undesirable views, and reduce noise and high winds but should not exceed three (3) feet of horizontal distance to one foot of vertical height (3:1 slope). This will permit greater ease of mowing and general maintenance. Extensive cut/fill slopes are discouraged. Fill slopes shall not exceed 3:1. Cut slopes may be 3:1 if the soil's natural angle of repose allows. Terracing which utilizes retaining walls may be used where the space cannot accommodate the maximum slope, provided that retaining walls shall not exceed 24" in height, with a minimum of five (5) feet between adjacent walls. Retaining wall locations are subject to DPARD approval. All retaining walls shall be constructed of materials complementary to the aesthetics of the immediate park and the park system.
	Irrigation
Irrigation	Automatic irrigation systems are required in the DPARD system. The following items apply when designing an irrigation system. The environment of the area – wind, rain, temperature, sun exposure and topography – should be considered when designing a system. Drip or bubbler irrigation systems are recommended for trees. Sprinkler heads shall be located to effectively and evenly water intended area with 100% coverage of the landscaped areas in all parks, while minimizing overthrow onto impervious surfaces.
	Watering shall be scheduled so as to not over or under water the landscaping. Care shall be taken to avoid irrigation spray and runoff onto adjacent property. All irrigation systems shall be designed and installed by a licensed irrigator in the state of Texas and be equipped with a back flow prevention device as mandated by appropriate local code. Irrigation heads shall be located out of the path of pedestrians. Irrigation systems shall be maintained. Such maintenance shall include draining and servicing sprinkler systems and conducting operational checks on a regular basis to ensure proper performance of the system.
	Mulching
Mulching	All plants will be mulched after planting with at least a two inch deep layer of mulch material entirely covering the area around each plant to hold soil moisture and to help prevent weeds and soil compaction. Standard mulch: Shall be no float cypress mulch. Large expanses of mulch or bed areas without substantial shrub or ground cover plantings are unacceptable. Other materials to be used in place of mulch will require submittal to the DPARD for approval. For surface application, use no-float cypress mulch. Furnish mulch that is free of visible glass, metal, rock, plastic, paper, large pieces of wood, dirt clods, debris, or any unsuitable material that would affect the quality and appearance of the mulch. Provide a 3" layer of no-float cypress mulch over all installed trees and a 2" layer over all shrubs and ground cover plantings.
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	Weed Block
Weed Block	DPARD approval is required for the installation of weed blocks. The use of solid plastic sheeting or polyethylene over ground plane areas is strictly prohibited. If landscape fabric is used, such fabric shall be of an A.B.S. or Nylon A.B.S. composite type to allow the free flow of water, air, and gases to and from the soil.
	Plant Material
Plant Material	DPARD requires submission of planting plans for all new development. Plants shall be chosen with regard to the region's climate and their ultimate size, shape and growth rates. ALL PLANT MATERIAL SHALL BE EQUAL TO OR EXCEED THE MEASUREMENTS SPECIFIED ON THE PLANTING PLAN WHICH ARE THE MINIMUM ACCEPTABLE SIZES.
	Quality Assurance
	DPARD may inspect plant material either at place of growth or at site before planting, for compliance with requirements for genus, species, variety, size and quality. DPARD retains right to further inspect plant material for size and condition of balls and root systems, insects, injuries and latent defects, and to reject unsatisfactory or defective material at any time during progress of work. Remove rejected plant material immediately from project site.
	Inspection of work and planting to determine completion of the work exclusive of possible warranty plant replacement will be made by the builder. The builder needs not less than one (1) week notice prior anticipated date, enabling him to schedule the inspection.
	Acceptance of all work and planting, exclusive of possible plant replacements subject to guarantee, will be granted to the landscape contractor, provided there are no deficiencies at inspection time.
	After inspection, the contractor will be notified by a letter of acceptance of work by the builder. All trees shall be guaranteed for one year. Guarantee shall begin upon completion of the contractor's work and acceptance of work by the builder. During and at the end of the guaranteed period, inspection will be made by the DPARD and the builder. Any plant material required under this contract that is dead or not in satisfactory growth condition shall be removed and replaced with the same size and kind of plant specified, at no cost to DPARD. Substitution of tree species may be made at the DPARD's discretion. The builder assumes liability for replacement of any installed tree without limit for a period of one year from the date of installation.
	Plant Handling
	Handle all plant material in accordance with best horticultural practices so that roots and root balls are adequately protected from mechanical injury, sun, drying winds, and any other detrimental effects. Plants shall not be bound with nylon rope or wire in a manner that would damage bark, break branches or destroy their natural shape.
	Container Grown Plants
	Plants grown in containers shall be full or heavy grade and shall have been growing in the specified size container for one full growing season prior to delivery. Grow- bag conversions are acceptable. ROOT-BOUND PLANTS WILL BE REJECTED.

	Plant Material
Plant Material	Delivery of Plant Materials
	Plants shall be packed and protected during delivery and after arrival at the site, against climatic, seasonal, wind damage, or other injuries, and at no time shall be allowed to dry out.
	Protection of Plant Materials
	All plants shall be handled so that roots are adequately protected at all times from drying out and from other injury. The balls of balled plants, which cannot be planted immediately on delivery, shall be "heeled in" for protection with soil mulch, straw, or other acceptable material. Container grown plants will be mulched and watered on a daily basis during storage.
	Nursery Stock
	All Plant material to be used shall be nursery grown in containers or balled & burlapped. All plants shall be healthy and have quality form typical of its species. Trees to be planted shall be of uniform shape and height, and shall have straight trunks. Substitutions will be permitted only upon submission of proof that a plant is not obtainable and authorization by the DPARD has been granted by a change order providing for the use of the nearest equivalent obtainable size or variety of plant having the same essential characteristics with an equitable adjustment of contract price.
	Nomenclature
	The names and locations of all plants shall be noted on planting plans. The nomenclature of all plant materials shall be per Standardized Plant Names, 1942 Edition, and Manual of Cultivated Plants by L.H. Bailey.
	Quality and Size
	All plant materials shall be first class representatives of their normal species or variety unless otherwise specified. They shall have a habit or growth that is normal for the species and shall be healthy, shapely, well-rooted, and vigorous. All plant materials shall be free from insects pests, plant diseases, and injuries. The containers and balls of all plants delivered to the site shall be free from any weeds or grasses which could be considered noxious or objectionable; i.e., nutgrass or Johnson grass.
	They shall be measured after pruning with the branches in normal position. The requirements for measurement, branching, grading, quality, balling and burlapping of plans specified generally follow the code of the standards currently recommended by the American Association of Nurserymen, Inc., in the American Standards for Nursery Stock.
	Plant material shall be measured and sized according to the latest edition of "American Standard For Nursery Stock" as approved by the American National Standards Institute, Inc., Caliper size of canopy tees are to be measured per local city landscape ordinance.
	All plant material shall conform to the size specifications (caliper, height and spread) given in the plant schedule and shall be nursery grown unless specified otherwise. All planting material to be in accordance with the latest edition of American Association of Nurserymen standards. Any plant substitution shall be approved by the landscape designer prior to purchase.

	Plant Material
Plant Material	Flora
	DPARD environmental efforts include a focus on ensuring the continued viability and diversity of indigenous plant and wildlife communities, promoting the use of plants naturally adapted to local conditions, and educating citizens about the region's natural heritage and the values and uses of native plants.
	A healthy native plant community serves many important functions:
	 Provides habitat and food for native wildlife Preserves critical habitat for rare, threatened and endangered animals and plants Enhances air quality by filtering sediments (and pollutants attached to sediments) from runoff before the water enters streams Stabilizes stream banks and hillside slopes by dissipating erosive forces Enhances local micro climate, and reduces water and energy needs Provides a place for native plants to continue to exist Provides scenic and recreational and educational values, which in turn, enhance Denton's livability native plants are part of the region's heritage The DPARD Plant List is comprised of two lists and supporting information: the City of Denton Plant List and the DPARD Plant List. Both plant lists are integral to the City of Denton's natural resource protection program and management strategy. Only those plants listed on these two lists are allowed to be planted within the Denton Park System. Native plants are also encouraged to be planted in medians and rights of way (R.O.W.). In some situations, tree removal may require a permit and tree replacement. Please consult the City of Denton Zoning Code, other City Codes, and City staff for more detailed analysis of applicable requirements relating to removal and
	installation of plants.
Shade & Flowering Trees	Shade & Flowering Trees General Specifications: (ANSI Z60.1-1996 Section 1.1)
	Caliper and Height Measurement (ANSI Z60.1-1996 Section 1.1.1) In size grading balled & burlapped shade trees (Types 1 and 2), caliper shall take precedence over height. In size grading balled & burlapped small and flowering trees (Types 3 and 4), height shall take precedence up to 6 feet; thereafter, caliper takes precedence.
	In size grading bare root and container-grown trees, height shall take precedence to 6 feet for Types 3 and 4, and 8 feet for Types 1 and 2; thereafter, caliper takes precedence.
	In size-grading trees grown in-ground fabric bags, caliper shall take precedence.
	Caliper of the trunk shall be taken 6 inches above the ground up to and including 4 inch caliper size, and 1 inches above the ground for larger sizes.
	Seldom are tree trunks perfectly round. Caliper measurement may be taken with "slot" type caliper, "pincer" type caliper, or diameter tape.

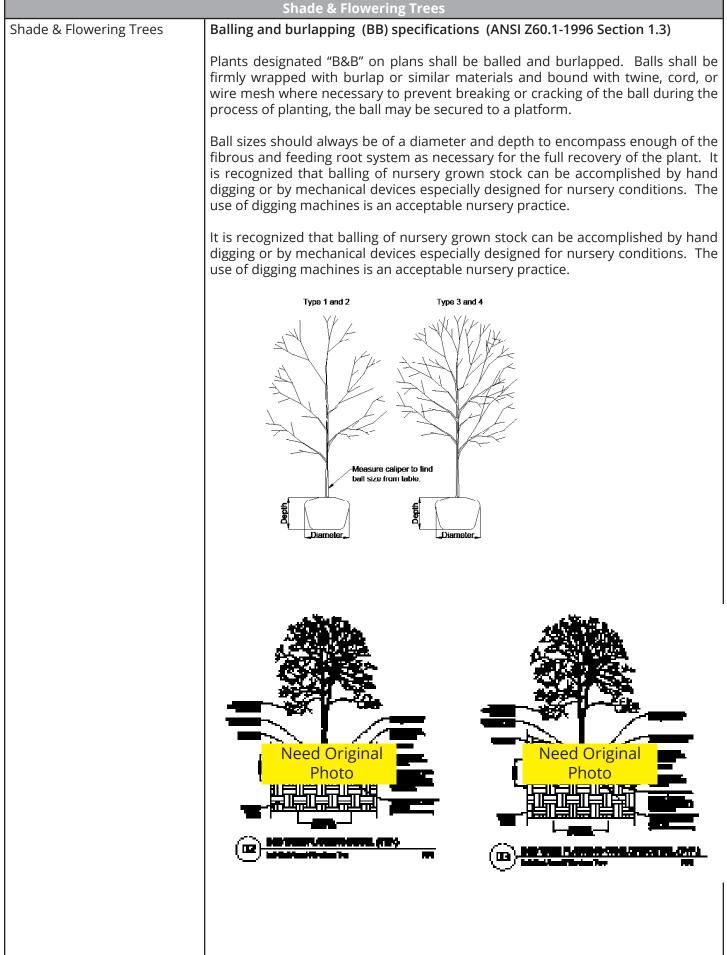
		Shade & Flowe	ering Trees						
Shade & Flowering Trees	Height of B	ranching - Stre	et Trees (ANSI Z	60.1-1996 Se	ction 1.1.2)				
	tree should the size and	be free of bran	or street planting ching. Height of so, so that the cu rows.	branching sh	ould bear a rela	ationship to			
		scending branc still provide pro	hes may be bran per clearance.	ched 1 foot o	r more below th	ne standard			
	Caliper and	Branching Hei	ght						
	12 inches a if more than Height Rela It is recogniz trees of diff	iper measurement bove ground level 4 inches diameter. Caliper and branching he caliper and branching he	l iper by Types (A c conditions in di eight proportions	fferent sectio s. Trees from	ons of the count one region of	try produce the country			
	have greate	r caliper in prop	portion to heigh portion to height	than shown	in the following	table. The			
	table shows	the average he	eight range and t	he maximum:	n heights permi	tted.			
	Type 1 Shad	de Trees (ANSI	Z60.1-1996 Secti	ion 1.1.3.1)					
	The height r follows:		caliper, for most			e as			
			iper relationshi	o for Type 1 s	inade trees				
		Caliper	Range	Height					
		1/2 in.	5 to 6 ft.	8 ft.	W/ DPARD approval				
		3/4 in.	6 to 8 ft.	10 ft.	w/ DPARD approval				
		1 in.	8 to 10 ft.	11 ft.	w/ DPARD approval				
		1 1/4 in.	8 to 10 ft.	12 ft.	w/ DPARD approval				
		1 1/2 in. 1 3/4 in.	10 to 12 ft. 10 to 12 ft.	14 ft. 14 ft.	w/ DPARD approval w/ DPARD approval				
		2 in.	12 to 14 ft.	14 ft.	Recommended				
		2 1/2 in.	12 to 14 ft.	16 ft.	Recommended				
		3 in.	14 to 16 ft.	18 ft.	Preferred				
		3 1/2 in.	14 to 16 ft.	18 ft.	Recommended				
		4 in.	16 to 18 ft.	22 ft.	Recommended				



	Shade & Flowering Trees
hade & Flowering Trees	Type 4 Small Spreading Trees (ANSI Z60.1-1996 Section 1.1.3.4) This is a broad group including small, spreading trees of dwarf growth habit and certain large shrubs grown in tree or multi-stem form.
	Up to 6 feet, height shall be the governing measurement. Sizing shall be in 1 foot intervals.
	At 6 feet and over, caliper takes precedence. A height relative to caliper may be specified but shall not be considered in determining minimum diameter ball sizes.
	For single stem plants, the minimum branching will be as follows:
	2 ft., four or more branches 3 ft., five or more branches 4 ft., seven or more branches 5 ft., eight or more branches 3/4 in. caliper, eight or more branches
	Type 4 Small Spreading Trees Single Stemmed Height 5-6 ft.
	Small Spreading Trees - Type 4 - Single Stemmed
	Trees for other Uses (ANSI Z60.1-1996 Section 1.1.4) Trees for special uses should be branched or pruned naturally according to type. Where a form of growth is desired which is not in accordance with a natural growth habit, this form should be so specified.
	Cut back or sheared - trees may be pruned back so as to multiply the branching structure and to develop a more formal effect.
	Topiary - shall not be used under any circumstances in the DPARD system.
	Multi-Stem Trees (ANSI Z60.1-1996 Section 1.1.5) Multi-stem trees occur naturally in many genera, and other kinds may be grown multi-stem in the nursery. Multi-stem trees may be further defined as Clump form and Shrub form.
	Clump Form: Having two or more main stems arising from the root corn or from the main trunk not more than 6 inches from the ground level. The main stems shall have branching typical for the species or cultivar
	Shrub Form: A tree with multiple stems arising from the root crown in the manner of a shrub.
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		Sha	de & Fl	owering	Trees			
Shade & Flowering Trees	In size Height s average Sizes sh For purp the mini up to, bu Althoug definitiv	grading hall be uppern all be lis ooses of imum si ut not in h height e measu	multi-s defined nost poi ted in 1 simplic ize allow ncluding t will be uremen	tem tre d as the int of gro foot inc tity, only vable for g, the new the det ts may b	es, heig measur owth of rements one size that gr that gr targer erminin e used	ght shall rement ta the plant s to 8 fee e per "gra rade and r size. g factor, to furthe	be the g aken from t. t and 2 fo ade" will b shall incl for lands er "picture	tion 1.1.5.1) governing measurement. In the ground level to the ot increments thereafter. De listed. That size will be ude plants from that size cape specifications other " the desired plant. Such Day be specified.
	Ball size	s for m	ulti-ste	m trees				
	Avera	ge Heigh	t Mir	nimum Dia Ball	meter			
		4 ft.		_				
		4 ff.		14 in. 16 in.) approval) approval	
		6 ft.		18 in.) approval	
		7 ft.		20 in.) approval	
		8 ft.		20 in. 22 in.) approval	
		10 ft.		24 in.) approval	
		12 ft.		28 in.		Prefe	erred	
		14 ft.		32 in.			mended	
		16 ft.		38 in.		Recomr	mended	
		18 ft.		42 in.		Recomr	mended	
		20 ft.		48 in.		Recomr	mended	
	growth multi-ste Specime This rec evergree the desi standard Box Spe	habit sh em trees commer en trees ired spe d minim c cimen 1	all prov s with a dation . When cimen nums fo Frees (/	vide for l scending Z60.1-1 for spe "specim characte r caliper, ANSI Z60	palls on g growth 996 Sec cificatio en" tree eristics height,	e size lan habit. tion 1.1. n writers es are cal must be	rger than 7) s applies lled for in stated, ir of branch	m trees with a spreading sizes specified above for to both deciduous and landscape specifications, ncluding deviations from hing, rootball, etc.
	Box size	for spe	ecimen	trees				
	Box Size (Inches)			Caliper	(inches)			
	(incrics)	Group I	Group II	Group III	Group IV	Group V	Preference	
	20	1 1/4	1 1/2	1 1/2	1 1/2	2	w/ DPARD approval	
	24	1 1/2	2	1 3/4	2	2 1/2	w/ DPARD approval	
	30	2 1/2	3	2	2 1/2	3	Preferred	
	36	3	3 1/2	2 1/2	3	3 1/2	Recommended	
	42	3 1/2	4	3	3 1/2	4	Recommended	
	48	4	4 1/2	3 1/2	4	5	Recommended	
	60	4 1/2	5	4	4 1/2	6	Recommended	
						•		

Bare Root Specifications (ANSI Z60.1-1996 Section 1.2) Bare root trees shall not be used in the DPARD system without written authorization from



	Shade	& Flowering Trees		
Shade & Flowering Trees	which are being g	rown in the nurser	ry under favorable	um sizes of balls for trees growing conditions and elop a well branched root
	These specification earth in which they		er hand dug or ma	chine dug with the ball of
		e earth ball. A tolera		runk or stem of the plant diameter is the maximum
	of natural habit	of growth, soil co re moved out of se	ndition, infrequen	ding root system because t transplanting practice, re a ball in excess of the
	Example:	Trunk in center of earth ball) 7	
	Ball	Sizes - Nursery Grown T Shade Trees Types 1 & 2		
	Caliper	Minimum Diameter Ball		
	Inches	Inches		
	1/2	12	w/ DPARD approval	
	3/4	14	w/ DPARD approval	
	1	16	w/ DPARD approval	
	1 1/4	18	w/ DPARD approval	
	1 1/2	20	w/ DPARD approval	
	1 3/4	22	w/ DPARD approval	
	2	24	Recommended	
	2 1/2	28	Recommended	
	3	32	Preferred	
	3 1/2	38	Preferred	
	4 1/2	42	Recommended	
	5	54	Recommended	
	5 1/2	57	Recommended	
	6	60	Recommended	
	7	70	Recommended	
	8	80	Recommended	

de & Flowering Trees	Shaue o	Flowering Tre	:es	
de de nowening mees	Ball S	izes - Nursery Grow	vn Trees	
	Feet / Inches	nade Trees Types 3 Inches	& 4	
	2 ft.	10	w/ DPARD approval	
	3 ft.	12	w/ DPARD approval	
	4 ft.	14	w/ DPARD approval	
	5 ft.	16	w/ DPARD approval	
	3/4 in.	16	w/ DPARD approval	
	1 in.	18	w/ DPARD approval	
	1 1/2 in.	20	w/ DPARD approval	
	1 3/4 in.	22	w/ DPARD approval	
	2 in.	24	Recommended	
	2 1/2 in.	28	Recommended	
	3 in.	32	Preferred	
	3 1/2 in.	38	Preferred	
	4 in.	42	Recommended	
	4 1/2 in.	48	Recommended	
	5 in.	54	Recommended	
	5 1/2 in.	57	Recommended	
	6 in.	60	Recommended	
	7 in.	70	Recommended	
	8 in.	80	Recommended	
	Need Or Phot			
	Need O Pho		Need C Pho	oto

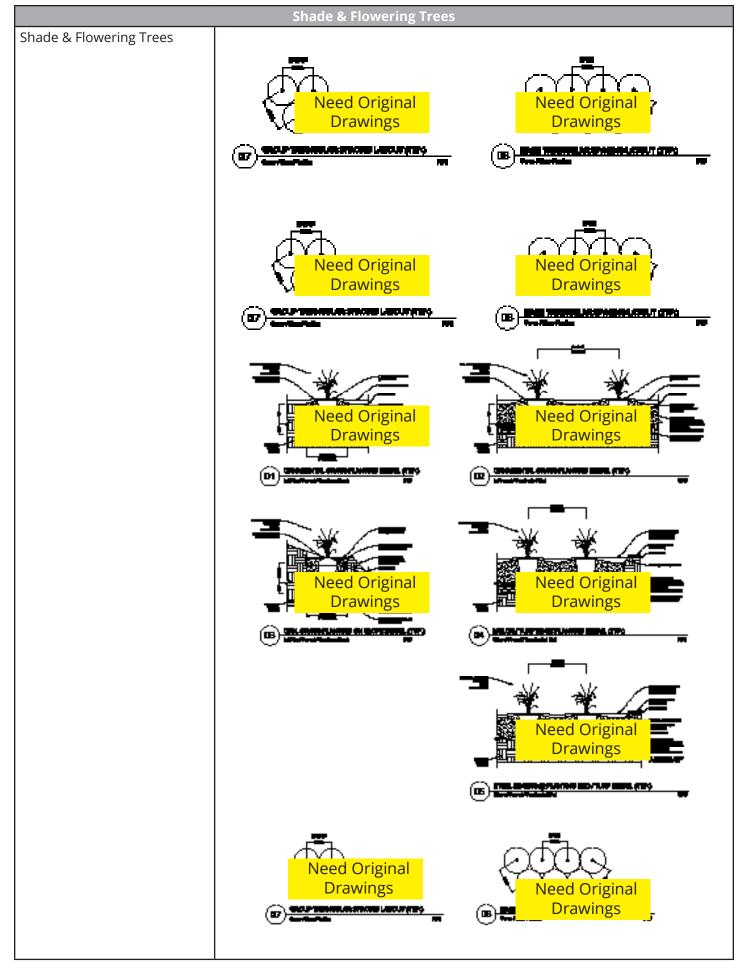
	Shade 8	k Flowering Tree	25			
Shade & Flowering Trees		Ball Sizes - Nursery Grown Trees Shade Trees Types 3 & 4				
	Feet / Inches					
	2 ft.	10	w/ DPARD			
			approval			
	3 ft.	12	w/ DPARD			
			approval			
	4 ft.	14	w/ DPARD			
			approval			
	5 ft.	16	w/ DPARD approval			
	3/4 in.	16	w/ DPARD approval			
	1 in.	18	w/ DPARD			
	1 111.	10	approval			
	1 1/2 in.	20	w/ DPARD approval			
	1 3/4 in.	22 w/ DPARD approval				
	2 in.	24	Recommended			
	2 1/2 in.	28	Recommended			
	3 in.	32	Preferred			
	3 1/2 in.	38	Preferred			
	4 in.	42	Recommended			
	4 1/2 in.	48	Recommended			
	5 in.	54	Recommended			
	5 1/2 in.	57	Recommended			
	6 in.	60	Recommended			
	7 in.	70	Recommended			
	8 in.	80	Recommended			
	Collected (ANSI Z60.1-1996 Section 1.3.2) It is generally recognized that plants growing in their native state will sustain a much more severe shock when transplanted than the same kind of plants when nursery grown. If collected material is moved, a considerably larger ball than that recommended for transplanted nursery stock is required, because of the unrestricted root development and the varying conditions of soil in which such material is found.					
	The minimum ball sizes shall be equal to those specified in the table for the next larger size nursery grown stock.					
	For the purposes of this standard, trees collected from wild or native stands may be considered nursery grown when they have been successfully reestablished in the nursery row and grown under regular nursery cultural practices for a minimum of two growing seasons and have attained adequate root and top growth to indicate full recovery from transplanting into the nursery row.					
	Seedling Trees and Shrubs (ANSI Z60.1-1996 Section 10)					

Seedling Trees and Shrubs (ANSI Z60.1-1996 Section 10) This section is to cover plants used for wildlife corridors, erosion control, and/or woodlot plantings.

	S	hade & Flowe	ring Trees				
Shade & Flowering Trees	Quality Defin	Quality Definition (ANSI Z60.1-1996 Section 10.1.1)					
	species or val root systems,	riety unless otl , to be free of i	ees and shrubs is assumed to be normal for the erwise designated. All plants are to have developed nsects and diseases as well as mechanical injuries, able for field planting.				
	Tops or roots DPARD.	Tops or roots will not be trimmed unless specified by grower or requested by DPARD.					
	Designation	Designation (ANSI Z60.1-1996 Section 10.1.2)					
	G = Grafted L = Layered S = Seeding	C = Cutting U = Unrooted Cutting G = Grafted L = Layered S = Seeding M = Micropropaged or Tissue Cultured					
	P = Pot or Co T = Transplan B = Bed Grow	Cultural R = Root Pruned P = Pot or Container Grown T = Transplanted (one per time) B = Bed Grown O = Not Transplanted					
		Coll. = Plants collected from the wild must be so designated. Age = Sum of numbers following above codes.					
		Example: S2T1T1 (4 year plant, 2 years in seedling bed, transplanted twice, one year each transplanting)					
		Method of Measurement (ANSI Z60.1-1996 Section 10.2) Age is not important when height or caliper is specified.					
	When heights	Deciduous or Hardwood (ANSI Z60.1-1996 Section 10.2.1) When heights are to govern, the caliper specification is minimum, and when caliper is to govern, the height specification is minimum.					
	Minimum he	Minimum heights and root lengths for seedling calipers.					
	Caliper	Min. Height	Min. Root Length				
	1/16 in.	3 in.	4 in.	w/ DPARD approval			
	3/32 in.	3 in.	5 in.	w/ DPARD approval			
	1/8 in.	6 in.	6 in.	w/ DPARD approval			
	3/16 in.	12 in.	8 in.	w/ DPARD approval			
			· · · · · · · · · · · · · · · · · · ·				
	1/4 in.	18 in.	10 in.	Recommended			

		Shade & Flower	ing Trees			
Shade & Flowering Trees Minimum calipers for seedling heights and root length						
	Height	Min. Caliper	Min. Root Length			
	3 in.	1/16 in.	4 in.	w/ DPARD approval		
	6 in.	1/16 in.	4 in.	w/ DPARD approval		
	12 in.	3/32 in.	5 in.	w/ DPARD approval		
	18 in.	1/8 in.	6 in.	w/ DPARD approval		
	2 ft.	3/16 in.	8 in.	w/ DPARD approval		
	3 ft.	1/4 in.	10 in.	Recommended		
	4 ft.	3/8 in.	10 in.	Recommended		
	5 ft.	7/16 in.	12 in.	Preferred		
	have tops of grown your are formed removed fro All contained by plant size Annual Plan Bog Plants Ground cov Ornamenta Perennial P Herbaceous which they a Types (ANS Acceptable Container G container s specified siz conversions Unacceptab Bare Root -	f good quality an g plant shall be i so the shape wil om the container r growing seedlin e or caliper, and ts er Plants I Grass Plants I Grass Plants I ants (ANSI Z60. 5 perennial plants are marketed. Pr I Z60.1-1996 Secc Types for use in rown - grown to shall be full or he te container for co are acceptable. I e Types for use free or substanti - field grown pla	d be in a healthy, n that container a l remain and the r mag trees and shruk container size. 1-1996 Section 1 2 s should be specif opagation methor tion 12.1.1) DPARD a specified size in avy grade and sha one full growing se ROOT-BOUND PL in DPARD ally free of any so	 a container. Plants growing in the season prior to delivery. Grow-bag LANTS WILL BE REJECTED. a r growing media. a r growing media. 		

Shade & Flowering Trees
Propagation Method Designations (ANSI Z60.1-1996 Section 12.1.2)



Shade & Flowering Trees			
Shade & Flowering Trees	Flora: Turf Grass		
	The following turf grass make up the approved turf grasses list for the Denton Park System. Any substitutions must be approved by the Denton Parks and Recreation Department and be placed on the City of Denton Approved Plant List.		
	All turf must be suitable for USDA Hardiness Zone 8.		3.
	Bermuda A	Buffalo Grass R	Rye Grass t
	Zone: Height: Width:	Zone: Height: Width:	Zone: Height: Width:
		en vertical obstacles in turf en vertical objects shall be	areas whenever possible. The 7 feet for mower access.
		owing, take care to avoid tl mower cannot easily reacl	ne creation of dead ends, tight n.
	Maximum mowing slopes	s for rough turf or natural a	areas shall be less than 5:1.
	Groomed turf slopes shal	ll be less than 4:1, with less	being preferable.
	Irrigation systems shall t minimize the overuse of v		pect, wind and topography to

		Irr	igation
ontrol Valves			
Type of Zone	Brand	Model	Link
Drip Zones	Rain Bird	XCZ-100-PRB-COM	http://www.rainbird.com/landscape/products/dripControl/XCZ-100-PRB-COM.htm
Master Valve 1"	Rain Bird	100-PEB	http://www.rainbird.com/landscape/products/valves/PEB_PESBseries.htm
Master Valve 1.5"	Rain Bird	150-PEB	http://www.rainbird.com/landscape/products/valves/PEB_PESBseries.htm
Master Valve 2"	Rain Bird	200-PEB	http://www.rainbird.com/landscape/products/valves/PEB_PESBseries.htm
Flow Meter	Netafilm	1" Water Meter Cast Iron	https://www.netafimusa.com/agriculture/products/water-meters/m-wmr-series-water-meter
Flow Meter	Netafilm	2" Water Meter Cast Iron	https://www.netafimusa.com/landscape/products/water-meters/water-meters/
Isolation Valve	Spears HD	CWV	http://www.parts.spearsmfg.com/ProductDetails.aspx?pid=245
Quick Coupler	Rain Bird	33-DRC	http://www.rainbird.com/landscape/products/valves/quickCouplingValves.htm
rip Tubing and Fitti	ngs		
Type of Tubing/	Brand	Model	Link
Standard Drip	Rain Bird	XFS-09-12	http://www.rainbird.com/landscape/products/dripline/XFS.htm
Check Valve Drip	Rain Bird	XFCV-09-12	http://www.rainbird.com/landscape/products/dripline/XFCV.htm
Drip Tube Fittings	Rain Bird	XF™ Series 17mm Insert Fittings	http://www.rainbird.com/landscape/products/dripDistribution/XFdriplineInsertFittings.htm
Tree Bubbler	Hunter	PCN-50	https://www.hunterindustries.com/irrigation-product/nozzles/bubblers-bubbler-nozzles
Tree Bubbler Head 4"	Rain Bird	1804-SAM-PRS	https://www.rainbird.com/products/1800-sam-prs-series-spray-heads
Operation Indicator	Rain Bird	XFS OPERIND X17500	https://www.rainbird.com/documents/drip/bro_OperationIndicatorSellSheet.pdf
ontrollers	1	1	
1	Brand	Madal	
Make	Brand	Model	Link
Motorola	IRRInet AC/DC	(Varies by number of zones and distance to base unit) Irrinet ACE or Irrinet M 12/4	http://motorolairrigation.com/products/icc-pro/
		UHF Radio	
Rain/Freeze Sensor	Rain Bird	WR2-RFC Rain/Freeze Combo	http://www.rainbird.com/products/wr2-wr2-48-series-wireless-rainfreeze-sensors
Other		As specified by City	
*Pedestal mount must be instal	lled on concrete pa	d.	
ackflows			
Туре	Brand	Model	Link
RPZ	Wilkins	RPZ 375XL 115 Lead Free	http://www.zurn.com/products/water-safety/backflow-prevention/model-375-(sizes-1/2-2-)
RFZ			
RPZ	Wilkins	RPZ 375XL 020 Lead Free	http://www.zurn.com/products/water-safety/backflow-prevention/model-375-(sizes-1/2-2-)
RPZ		RPZ 375XL 020 Lead Free	http://www.zurn.com/products/water-safety/backflow-prevention/model-375-(sizes-1/2-2-)
RPZ ackflow Enclosures	Wilkins		
RPZ ackflow Enclosures Color	Wilkins Brand	Model	Link
RPZ Color Brown	Wilkins Brand Dekorra	Model 302-BG-C3	Link http://www.dekorraproducts.com/Backflow.pdf
RPZ Color Brown Insulated Pouch	Wilkins Brand Dekorra Dekorra	Model 302-BG-C3 603GN	Link
RPZ Color Brown Insulated Pouch *Concrete pad with pipe sleeving	Wilkins Brand Dekorra Dekorra	Model 302-BG-C3 603GN	Link http://www.dekorraproducts.com/Backflow.pdf
RPZ Color Brown Insulated Pouch	Wilkins Brand Dekorra Dekorra	Model 302-BG-C3 603GN	Link http://www.dekorraproducts.com/Backflow.pdf
RPZ Color Brown Insulated Pouch *Concrete pad with pipe sleeving	Wilkins Brand Dekorra Dekorra	Model 302-BG-C3 603GN	Link http://www.dekorraproducts.com/Backflow.pdf
RPZ Color Brown Insulated Pouch *Concrete pad with pipe sleevin Insulated Pouch	Wilkins Brand Dekorra Dekorra ng must be installed	Model 302-BG-C3 603GN	Link http://www.dekorraproducts.com/Backflow.pdf http://www.dekorraproducts.com/accessories.html
RPZ Color Brown Insulated Pouch *Concrete pad with pipe sleevir Ve Boxes Type Jumbo Rectangle Box	Wilkins Brand Dekorra Dekorra mg must be installed Brand	Model 302-BG-C3 603GN Model	Link http://www.dekorraproducts.com/Backflow.pdf http://www.dekorraproducts.com/accessories.html Link
RPZ Color Brown Insulated Pouch *Concrete pad with pipe sleevin Alve Boxes Type Jumbo Rectangle Box 21X15X13	Wilkins Brand Dekorra Dekorra Brand NDS	Model 302-BG-C3 603GN Model 117BC	Link http://www.dekorraproducts.com/Backflow.pdf http://www.dekorraproducts.com/accessories.html Link https://www.ndspro.com/jumbo-valve-box-and-cover

Metal Edging			
Metal Edging	Acronym/Abbreviation: MEDG		
	Metal Edging : Shall not be used in the DPARD system without prior written approval from DPARD staff.		
	Mowstrips		
Mowstrips	All design, development, preservation and enhancement involving mowstrips shall comply with the following required and/or recommended specifications.		
	Function: The primary function of mowstrips is to enhance aesthetics, provide a well defined separation between soft-scape surfaces as well as reduce maintenance requirements in all other applicable locations.		
	Mow Strips : Shall be used to accentuate and rigidly divide the various elements of the parks landscape. They define order, limitations, inclusion and exclusion. Using mowstrips as a method of framing elicits a positive perception of aesthetics, organization, maintenance and quality. These perceptions in turn dramatically enhance a user's experience.		
	By their nature, mowstrips contribute to the spatial definition and perception of each park and facility within. The effect mowstrips have on perception also greatly influences experience, safety, maintenance and usage.		
	The primary function is to serve as a barrier and to reduce maintenance. It is their secondary functions that relate to perception as mentioned above.		
	The elements and principles of design shall also be adhered to in the design and development of all mowstrips with the intended/expected benefits of:		
	Defining space Creating unity Enhancing function Enhancing aesthetics Safety		
	Mowstrips shall be: Located: Between turf and planting beds, under all fencing, and bordering both sides of asphalt and/or dg trails		
	Mowstrips shall follow these dimensional requirements:		
	Between turf and planting beds: Height 4-6"		
	6" Preferred Width 12"		
	Under all fencing: Height 4-6" 6" Preferred Width 18"		
	Bordering both sides of asphalt and/or dg trails:Height4-6"6" PreferredWidth12"		

Mowstrips		
Mowstrips	Acceptable materials for mowstrips:	
	Concrete Patterned Concrete Stone Mortared on top of Concrete	
	Design Requirements:	
	Edges shall be chamfered Mowstrips shall have appropriate amount of expansion and control joints Mowstrips shall extend 1 1/2" above finish grade.	
	Identity: The aesthetics, function, and maintenance of mowstrips greatly contribute to the overall perception of how DPARD and the city of Denton support the aesthetics and maintenance of developed open space. Therefore all mowstrips within developed open space under the purview of DPARD shall follow these guidelines. Any modifications must be approved in writing by DPARD prior to selection and/ or installation.	

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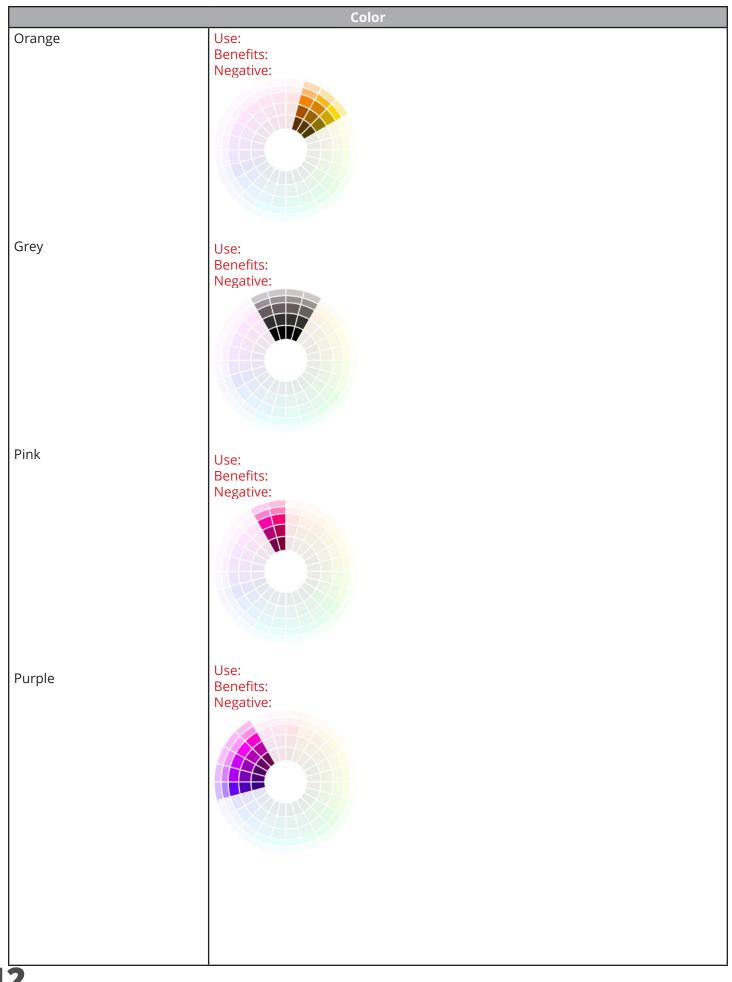
Section 13: AESTHETICS

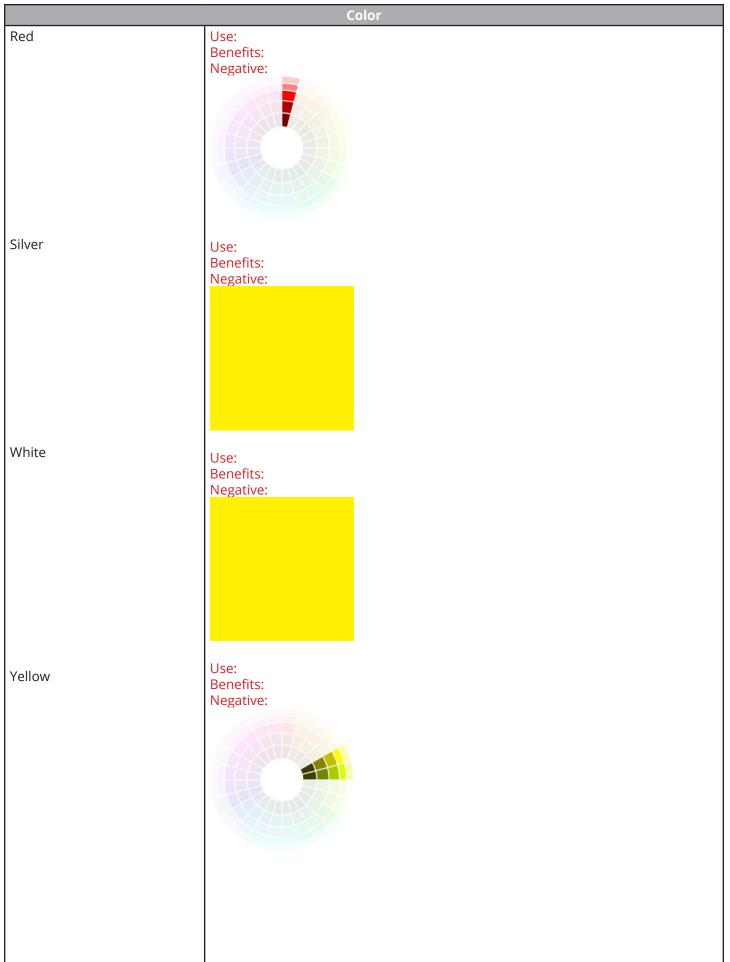
This section outlines the required and recommended specifications for aesthetics within the City of Denton. The following are the definition of the items that can be found in the following pages.

1

DPARD Logo	All design, development, preservation and enhancement involving the DPARD logo shall comply with the following required and/or recommended specifications.
	Function: The primary function of the DPARD logo is to enhance awareness and identity. This communicates to the viewer that the space/facility is for public use.
	Use: Use this logo for print, web and signage applications only.
	Note: must receive written authorization from DPARD Marketing Director before DPARD Logo can be used.
	UNITE, GROW,
	Denton Parks and Rec
City of Denton Logo	All design, development, preservation and enhancement involving the City of Denton logo shall comply with the following required and/or recommended specifications.
	Function: The primary function of the City of Denton logo is to enhance awareness and identity. This communicates to the viewer that the space/facility is within the city boundaries.
	Use: Use this logo for print, web and signage applications only. Note: must receive written authorization from DPARD Marketing Director before City Logo can be used.
	CITY OF DENTON

	Color
Color Palette	An enormous amount of color is utilized in park systems. The effects colors have on perception and development are widespread as well. This complexity in relation to color is often overlooked and colors are chosen randomly for each item or facility as they are developed. The result is a park system lacking unity, causing unfamiliarity and making wayfinding more difficult as it increases the difficulty in decision making.
	Color Palettes shall be used to enhance user's experiences, safety, support and encourage active / passive recreation, enhance identity, differentiate spaces by making each area visually unique and/or distinct and to communicate more efficently/effectively. Color palettes shall respect the design vocabulary of the immediate park as well as the park system. All colors must be approved by DPARD unless specifically identified in these standards.
	By their nature, colors contibute to the spatial definition and perception of each park and facility within. The effect colors have on perception also greatly influences experience, safety and usage.
Black	Use: Benefits: Interchangeable, unity, cohesiveness, ease of maintenance, enhaces/ creates familiarity which contributes to memory/ recognition Negative:
Blue	Use: Benefits: Negative:
Green	Use: Benefits: Negative:





	Font
Font Palette	Primary Font Use: Utilize on the primary monument signs, and pedestrian and park signage systems.
	Secondary Font Use: Shall be used as the primary font family for wayfinding
	Tertiary Font
	Quaternary Font
	TxDOT Required Font
Font Scale	Primary Scale
	Secondary Scale
	Teriary Scale
	Quaternary Scale
	Materials
Hardscape Materials	 All materials and construction should communicate high quality and craftsmanship in line with the aesthetic integrity of DPARD. In order to maintain these design standards, DPARD may request samples of hardscape materials to ensure they meet those specifications. The builder/contractor shall secure DPARD approval prior to paving with any paving material, for any purpose, including without limitation trails, pathways, driveways,
Masonry	plazas, parking lots or mowstrips. Asphalt Use: Vehicular circulation routes, parking lots, speedbumps, trails Benefits: Lower initial cost Color: Black then gray Life Cycle: Texture: Medium Thickness: Negative: Negative:

Materials
Materials Concrete Use: Vehicular circulation routes, parking lots, trails, bench pads, pavillion pads, mowstrips Benefits: Color: Life Cycle: Texture: Thickness: 6" on all vehicular, pedestrian routes, pavillion pads 4" mowstrips, bench pads Patterned Concrete Use: Vehicular circulation routes, parking lots, trails, pavillion pads, Benefits: Color: Life Cycle: Texture: Thickness: 6" on all vehicular, pedestrian routes, pavillion pads, Benefits: Color: Life Cycle: Texture: Thickness: 6" on all vehicular, pedestrian routes, pavillion pads Negative: Waterials Use: Vehicular circulation routes, parking lots, trails, pavillion pads Negative: Use: Vehicular circulation routes, parking lots, trails, pavillion pads Benefits: Color: Life Cycle: Texture: Thickness: Negative: Color: Life Cycle: Texture: Thickness: Negative: Vegative:

	Materials
Masonry	Brick
2	Use:
	Benefits:
	Color:
	Life Cycle:
	Texture:
	Thickness:
	Negative:
	CMU (Concrete masonry unit)
	Use:
	Benefits:
	Color:
	Life Cycle:
	Texture:
	Thickness:
	Negative:
	Split Block CMU (concrete masonry unit)
	Use:
	Benefits:
	Color:
	Life Cycle:
	Texture:
	Thickness:
	Negative:
	1
	and the second
	and the second sec
	19 1 a set a set

	Materials
Metals	Aluminum Use: Benefits: Color: Life Cycle: Texture: Thickness: Negative:
	Bronze Use: Benefits: Color: Life Cycle: Texture: Thickness: Negative:
	Corrugated Standing Seam Steel/Aluminum Use: Benefits: Color: Life Cycle: Texture: Thickness: Negative:

	Materials
Metals	Corten Steel Use: Benefits: Color: Life Cycle: Texture: Thickness: Negative:
	Galvanized Steel Use: Benefits: Color: Life Cycle: Texture: Thickness: Negative:
	Stainless Steel Use: Benefits: Color: Life Cycle: Texture: Thickness: Negative:

	Materials
Mulch	No Float Cypress Mulch Use: Benefits: Longest lasting mulch, dense, waterproof, control weeds, conserve moisture, prevent erosion, lessen fruit rot, prevent soil crusting, reduce soil temperatures during summer, prevents soil compaction, serve as super slow release fertilizer by gradually decomposing into rich humus, which will be worked into the upper soil level by earthworms Color: Blond when fresh, light gray with age Odor: Ph: Renewal: Texture: Thickness: Negative: Most expensive mulch since it is not as easy to produce
Soil Anti Graffiti Coating	Soil Use: Benefits: Color: Life Cycle: Texture: Thickness: Negative: Acronym/Abbreviation: Note:
	Aspect / Orientation:

Materials				
Rubber	Pour in Place Use: Benefits: Color: Life Cycle: Texture: Thickness: Negative:			
Stone	Decomposed Granite Use: Trails, pads, alternative to hardscape Benefits: Low footprint, permeable Color: Varies, typically tan/brown Life Cycle: Texture: Fine (visually), course (touch) Thickness: Varies Negative:May require replenishment			
	Leuders Stone Use: Benches, veneer Benefits: Aesthetics, durability Color: Varies Life Cycle: Texture: Smooth to medium Thickness: Varies Negative: Porous and can become stained			

Stone Gabions Use: Retaining walls, physical barriers, visual barriers, benches, erosion control Benefits: Low cost, aesthetics, speed Color: Varies Life Cycle: Texture: Coarse (visually) Thickness: Varies Negative: Vise: Atternative to flora / mulch Benefits: Assthetics, permeable, erosion control Color: Varies Life Cycle: Texture: Medium to coarse Thickness: Varies Negative: Use: Stones may disappear over time Vise: Stones may disappear over time Vise: Venicular and pedestrian circulation routes, altenative to hardscape, alternative to flora/mulch Benefits: Assthetics, permeable, erosion control Color: Varies Vise: Stones may disappear over time Vise: Venicular and pedestrian circulation routes, altenative to hardscape, alternative to flora/mulch Benefits: Asstherics, permeable, erosion control Color: Black/dark grey Life Cycle: Texture: Medium to coarse Thickness: Varies Negative: Stones may disappear over time Vise: Venicular and pedestrian circulation routes, altenative to hardscape, alternative to flora/mulch
Texture: Medium Thickness: Varies Negative: Stones may disappear over time

	Materials
Stone	3/8th minus trails crushed glass trails Use: Benefits: Color: Odor: Ph: Renewal: Texture: Thickness: Negative:
Synthetics	Synthetic Turf Use: Alternative to turf, sports fields Benefits: Color year round, less water, high wear tolerance, aesthetics Color: green, varies Life Cycle: Texture: Fine to coarse Thickness: Varies Negative: Initial cost, cooling, repairs
Wood	Avoid specifying wood because: wood footing will rot, they are prone to termite infestation, the shrink/swell defect of moisture loosens bolts and creates a safet hazard, and pressure treated wood contains chromate copper arsenate (CCA), a carcinogen.
•	

	Materials
Wood	Materials Master Seal Infield Mix Use: Benefits: Color: Odor: Ph: Renewal: Texture: Thickness: Negative:
	Fibar Use: Benefits: Color: Odor: Ph: Renewal: Texture: Thickness: Negative:
Flora	Flora The following trees make up the approved tree list for the Denton Park System. Any
	substitutions must be approved by the Denton Parks and Recreation Department and be placed on the City of Denton Approved Plant List.
Trees	All trees must be suitable for USDA Hardiness Zone 8.

Trees



Autumn Blaze Maple Acer x freemanii 'leffersred' Autumn

Zone: 3-8 Height: 40-55 Width: 30-40 **Duration: Deciduous** Sun/Shade: Full sun/ part shade



Liquidambar styraciflua Crape Myrtle - Natchez American Sweetgum

Zone: 5-8 Height: 20-60 Width: 12-20 Duration: Evergreen Sun/Shade: Full sun Canopy Coverage:707 sf Note: Do not plant near any pedestrian/ vehicular pathways, hardscape or near any active recreational space.



Lagerstroemia indica 'Natchez'

Zone: 6-9 Height: 4-21 Width: 4-21 Duration: Deciduous Sun/Shade: Full sun



Brackens Brown Magnolia Magnolia grandiflora Zone: 6-9 Height: 20-30 Width: 15-25 Duration: Evergreen Sun/Shade: Full sun / part shade



Pecan Carya illinoinensis

Zone: 5-9 Height: 75-100 Width: 40-70 **Duration: Deciduous** Sun/Shade: Full sun



D.D. Blanchard Magnolia Magnolia grandiflora

Zone: 7-9 Height: 35-50 Width: 20-35 Duration: Evergreen Sun/Shade: Full sun / part shade



Eastern Redbud Cercis canadensis

Zone: 4-8 Height: 20-30 Width: 25-35 Duration: deciduous Sun/Shade: Full sun / part shade Canopy Coverage: 314



Little Gem Magnolia Magnolia grandifloa 'Little Gem' Zone: 7-9 Height: 15-20 Width: 7-10 Duration: Evergreen Sun/Shade: Full sun / part shade Canopy Coverage: 79 sf



East Palatka Holly llex x attenuata 'East Palatka'

Zone: 6-9 Height: 12-25 Width: 8-18 Duration: Evergreen Sun/Shade: Full sun / part shade

Trees



Possumhaw Holly Ilex decidua

Zone: 5-9 Height: 7-15 Width: 5-12 Duration: evergreen Sun/Shade: Full sun / Sun/Shade: Full sun/ part shade Canopy Coverage: 79 sf



Savannah Holly llex x attenuata 'Savannah'

Zone: 6-9 Height: 10-20 Width: 8-15 Duration: evergreen part shade



Yaupon Holly Ilex vomitoria

Zone: 7-9 Height: 10-20 Width: 8-12 Duration: evergreen Sun/Shade: Full sun / part shade Canopy Coverage: 79 sf



Foster Holly Ilex x attenuata 'Fosteri'

Zone: 6-9 Height: 20-30 Width: 10-20 Duration: Evergreen Sun/Shade: Full sun / part shade Canopy Coverage: 79 sf



Crape Myrtle - Muskogee Lagerstroemia indica 'Muskogee'

Zone: 6-9 Height: 4-12 Width: 4-12 Duration: Deciduous Sun/Shade: Full sun Canopy Coverage: 79 sf



Crape Myrtle Tuscarora Lagerstoemia indica 'Tuscarora'

Zone: 6-9 Height: 2-16 Width: 2-16 Duration: Deciduous Sun/Shade: Full sun



Smoke Tree Cotinus coggygria

Zone: 5-8 Height: 10-15 Width: 10-15 Duration: deciduous Sun/Shade: Full sun



Japanese Black Pine Pinus thunbergii

Zone: 5-8 Height: 20-60 Width: 12-20 Duration: Evergreen Sun/Shade: Full sun Canopy Coverage: 314 sf



Chinese Pistache Pistacia chinensis

Zone: 6-9 Height: 30-35 Width: 20-30 Duration: Deciduous Sun/Shade: Full sun Canopy Coverage: 1,256 sf

Trees

Flora



Afghan Pine Pinus eldarica

Zone: Height: 40' Width: 30' Duration: Evergreen Sun/Shade: Full sun Canopy Coverage: 314 sf



Shummard Oak Quercus shumardii

Zone: 5-9 Height: 40-60 Width: 30-40 Duration: Deciduous Sun/Shade: Full sun Canopy Coverage: 1,256 sf



Live Oak Quercus virginiana

Zone: 8-10 Height: 40-80 Width: 60-100 Duration: Evergreen Sun/Shade: Full sun Canopy Coverage: 1,256 sf



Bur Oak Quercus macrocarpa

Zone: 3-8 Height: 60' Width: 60' Duration: Deciduous Sun/Shade: Canopy Coverage: 1,256 sf



Chinquapin Oak Quercus muehlenbergii

Zone: 5-7 Height: 40-60 Width: 50-70 Duration: Evergreen Sun/Shade: Full sun Canopy Coverage: 1,256 sf



Eve's Necklace Sophora affinis

Zone: 5-7 Height: 40-60 Width: 50-70 Duration: Evergreen Sun/Shade: Full sun Canopy Coverage: 314 sf



Bald Cypress Taxodium distichum var. distichum

Zone: 4-9 Height: 50-70 Width: 20-45 Duration: Deciduous Sun/Shade: Full sun Canopy Coverage: 1,256 sf



Pond Cypress Taxodium distichum var. imbricarium

Zone: 5-9 Height: 30-70 Width: 15-20 Duration: Deciduous Sun/Shade: Full sun Canopy Coverage: 1,256 sf



Winged Elm Ulmus alata

Zone: 6-9 Height: 30' Width: 30' Duration: Deciduous Sun/Shade: Full sun/ partial shade

Trees



American Elm Ulmus americana

Zone: 2-9 Height: 70' Width: 70' Duration: Deciduous Sun/Shade: Full sun/ partial shade Canopy Coverage: 1,256 sf



Cedar Elm Ulmus parvifolia

Zone: 4-9 Height: 40-50 Width: 25-40 Duration: Deciduous Sun/Shade: Full sun Canopy Coverage: 1,256 sf



Allee Elm Ulmus parvifolia 'Emer II Allee'

Zone: 4-9 Height: 60-70 Width: 35-55 Duration: Deciduous Sun/Shade: Full sun Canopy Coverage: 1,256 sf



Lacebark Elm Ulmus parvifolia 'Emer II Allee'

Zone: 4-9 Height: 60-70 Width: 35-55 Duration: Deciduous Sun/Shade: Full sun Canopy Coverage: 1,256 sf



Eastern Cottonwood(Male) Populus deltoides

Zone: 2-9 Height: 50-80 Width: 35-60 Duration: Deciduous Sun/Shade: Full sun



Sycamore - Male Platanus occidentalis

Zone: 4-9 Height: 75-100 Width: 75-100 Duration: Deciduous Sun/Shade: Full sun



Desert Willow-Bubba Chilopsis linearis 'Bubba'

Zone: 7-10 Height: 10-15 Width: 10-15 Duration: Deciduous Sun/Shade: Full sun



Chitalpa x Chitalpa tashkentensis Zone: 6-9 Height: 20-35 Width: 20-35 Duration: Deciduous Sun/Shade: Full sun / part shade



Texas Mountain Laurel botanical

Zone: 7-11 Height: Width: Duration: deciduous Sun/Shade:

Trees



Mexican Buckeye Ungnadia speciosa

Zone: 7-9 Height: 20-30 Width: 20 Duration: Deciduous Sun/Shade: Full sun / part shade



Eastern Red Cedar Juniperus virginiana

Zone: 2-9 Height: 30-65 Width: 8-25 Duration: Evergreen Sun/Shade: Full sun



Flame Leaf Sumac Rhus lanceolata

Zone: 6-9 Height: 15-20 Width: Duration: Deciduous Sun/Shade: Full sun

Tree Preservation/Cultivation

	Tree Preservation / Cultivation					
			Table Results	Among Outside Facilities	Overall	
		Denia		81/443	81/287	81/1304
	ng	Senior Center		70/496	70311	70/1921
	eeti	MLK, Jr.		35/374	35/338	35/2715
	c Me	North Lakes		67/560	67/475	67/1470
	Public Meeting		Total Weighted Ratio		253/1411*.5	
			Result		.0896	.0170
		Citizen Survey	Total Weighted Ratio	3/19	3/19	3/19
rlts			Result		.0789	.0789
Resu		City Council	Total Weighted Ratio	8/59	8/52*.1	8/286*.1
ach l	ut		Result		.0153	.0027
utre	p Inp	СМО	Total Weighted Ratio	0/8	0/4*.1	0/59*.1
ic O	iroul		Result		0	0
Publ	Stakeholder, SME and Focus Group Input	Park Board	Total Weighted Ratio	30/96	30/95*.1	30/258*.1
r &	l Foc		Result		.0315	.0116
olde	anc	SME	Total Weighted Ratio			
Stakeholder & Public Outreach Resurlts	SME		Result			
Sti	der,	Focus Groups	Total Weighted Ratio		2/6*.075	2/158*.075
	ehol		Result		.025	.0009
	Stak	Park Leadership	Total Weighted Ratio		15/82*.05	15/107*.05
			Result		.0091	.0070
		Coordination Board	Total Weighted Ratio		12/63*.1	12/72*.1
			Result		.0190	.0166
	Tota					
	Priority Ranking Overall Among Outside Facilities		.2	2153		
	Priority Ranking Overall		.1	102		

Shrubs

Flora

The following shrubs make up the approved shrub list for the Denton Park System. Any substitutions must be approved by the Denton Parks and Recreation Department and be placed on the City of Denton Approved Plant List.

All shrubs must be suitable for USDA Hardiness Zone 8.



American Beauty Berry Callicarpa americana

Zone: 6-10 Height: 3-6 Width: 3-6 Duration: Deciduous Sun/Shade: Full sun / part shade



Parry's Agave Agave parryi

Zone: 7-10 Height: 1.5-2 Width: 2-3 Duration: Herbaceous perennial Sun/Shade: Full sun



Forsythia Forsythia x intermedia 'Arnold Giant' Zone: 5-8 Height: 8-10 Width: 8-10 Duration: Deciduous Sun/Shade: Full sun / part shade



Flowering Quince Chaenomeles speciosa

Zone: 4-8 Height: 6-10 Width: 6-10 Duration: Deciduous Sun/Shade: Full sun / part shade



Dwarf Nandina Nandina domestica 'Harbour Dwarf'

Zone: 6-9 Height: 1-2 Width: 2-3 Duration: Broadleaf evergreen Sun/Shade: Full sun / part shade



Nandian - Obsession Nandina domestica 'Seika' Obsession

Zone: 6-9 Height: 2-2.5 Width: 1.5-2 Duration: Broadleaf evergreen Sun/Shade: Full sun / part shade



Firepower Nandina Nandina domestica 'Fire Power' Zone: 6-9

Height: 1-2 Width: 1-2 Duration: Broadleaf evergreen Sun/Shade: Full sun / part shade



Texas Sage Leucophyllum frutescens

Zone: 8-10 Height: 5-8 Width: 4-6 Duration: Broadleaf evergreen Sun/Shade: Full sun



Burning Bush Euonymus alatus 'Compactus'

Zone: 4-8 Height: 9-11 Width: 9-11 Duration: Deciduous Sun/Shade: Full sun / part shade

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Shrubs



Rose of Sharon Hibiscus syriacus

Zone: 5-8 Height: 5-8 Width: 4-7 Duration: Deciduous Sun/Shade: Full sun / part shade



Dwarf Vitex Vitex agnus-castus

Zone: 6-9 Height: 8-10 Width: 5-8 Duration: Deciduous Sun/Shade: Full sun



Red Yucca Hesperaloe parviflora

Zone: 5-10 Height: 3-5 Width: 4-6 Duration: Broadleaf Evergreen Sun/Shade: Full sun



Soft Leaf Yucca Yucca recurvifolia

Zone: 7-9 Height: 6-8 Width: 6-8 Duration: Broadleaf Evergreen Sun/Shade: Full sun



Bright Edge Yucca Yucca filamentosa 'Bright Edge'

Zone: 4-9 Height: 3 Width: 4 Duration: Broadleaf Evergreen Sun/Shade: Full sun

Perennials

The following perennials make up the approved perennials list for the Denton Park System. Any substitutions must be approved by the Denton Parks and Recreation Department and be placed on the City of Denton Approved Plant List.

All perennials must be suitable for USDA Hardiness Zone 8.



Aster Aster x frikartii 'Monch'

Zone: 5-10 Height: 2-3 Width: 1-1.5 Duration: Perennial Sun/Shade: Full sun / part shade



Dwarf Mexican Petunia Ruellia simplex 'Katie'

Zone: 8-10 Height: .5-.75 Width: .5-1 Duration: Perennial Sun/Shade: Full sun / part shade



Germander teucrium chamaedrys

Zone: 5-9 Height: .75-1 Width: 1-2 Duration: Perennial Sun/Shade: Full sun

Perennials



Pincushion Flower Scabiosa

Zone: 5-9 Height: 1-1.5 Width: 1-1.5 Duration: Perennial Sun/Shade: Full sun



Black Eyed Susan Rudbeckia hirta

Zone: 3-7 Height: 2-3 Width: 1-2 Duration: Perennial Sun/Shade: Full sun



Coreopsis Coreopsis spp.

Zone: 3-9 Height: 2.5-3 Width: 1.5-2 Duration: Perennial Sun/Shade: Full sun



Zexmania Wedelia texana

Zone: 7-9 Height: 2 Width: 2 Duration: Perennial Sun/Shade: Full sun, part shade



Rosemary Rosemarinus officinalis

Zone: 8-10 Height: 2-6 Width: 2-4 Duration: Herbaceous Perennial Sun/Shade: Full sun



Greggs Blue Mist Flower Conoclinium greggii Zone: 7-10 Height: 1-1.5 Width: 1-2 Duration: Perennial Sun/Shade: Full sun / part shade



lris Iris spp.

Zone: 5-9 Height: 1-3 Width: .5-1 Duration: Perennial Sun/Shade: Full sun / part shade



Day Lilly Hemerocallis spp.

Zone: 3-10 Height: .75-1.5 Width: .75-2 Duration: Perennial Sun/Shade: Full sun / part shade



Gold Star Esperanza Tecoma stans 'Gold Star'

Zone: 8-11 Height: 3-4 Width: 3-4 Duration: Perennial Sun/Shade: Full sun / part shade

Perennials



Helenium Helenim spp.

Zone: 3-8 Height: 1-3 Width: 1-2 Duration: Perennial Sun/Shade: Full sun



Columbine Aquilegia canadensis spp Zone: 3-8

Height: 2-3 Width: 1-1.5 Duration: Perennial Sun/Shade: Full sun / part shade



Turks Cap Malvaviscus drumondii

Zone: 7-10 Height: 3-6 Width: 3-6 Duration: Perennial Sun/Shade: Full sun / part shade



Pineapple Sage Salvia elegans

Zone: 8-10 Height: 3-4 Width: 2-3 Duration: Perennial Sun/Shade: Full sun



Mealycup Sage Salvia farinacea

Zone: 8-10 Height: 1-3 Width: 1-2 Duration: Perennial Sun/Shade: Full sun / part shade



Anise Scented Sage Salvia guaranitica

Zone: 8-10 Height: 2-5 Width: 2-5 Duration: Perennial Sun/Shade: Full sun / part shade



Autumn Sage Salvia greggii

Zone: 6-9 Height: 2-3 Width: 2-3 Duration: Perennial Sun/Shade: Full sun



Garden Sage Salvia nemerosa Ostfriesland Zone: 4-8 Height: 1-1.5 Width: .75-1 Duration: Perennial Sun/Shade: Full sun



Pride of Barbados Caesalpinia pulcherrima Zone: 8-9 Height: 8-12 Width: 8-12 Duration: Perennial Sun/Shade: Full sun

Perennials



Hamelia patens

Zone: 9-10 Height: 1-3 Width: 1-2 Duration: Perennial Sun/Shade: Full sun / Sun/Shade: Full sun / Sun/Shade: Full sun part shade



Black Foot Daisy Melampodium leucanthum

Zone: 4-11 Height: 1 Width: 1-3 Duration: Perennial part shade



Indian Blanket Gaillardia pulchella

Zone: 2-11 Height: 1-1.5 Width: .5-1 Duration: Perennial



Copper Canyon Daisy Tagetes lemmonii

Zone: 8-10 Height: 4 Width: 4 Duration: Perennial Sun/Shade: Full sun



Four Nerve Daisy Tetraneuris scaposa

Zone: 8-9 Height: 1-3 Width: 1 Duration: Perennial Sun/Shade: Full sun / part shade



Rock Rose Helianthemum nummularium

Zone: 5-7 Height: .5-1 Width: 2-3 Duration: Perennial Sun/Shade: Full sun



Big Blue Lilyturf Liriope muscari

Zone: 5-10 Height: 1-1.5 Width: .75-1 Duration: Herbaceous Perennial Sun/Shade: Full sun / part shade



Creeping Liriope Liriope spicata

Zone: 4-10 Height: .75-1.5 Width: 1-2 Duration: Herbaceous Perennial Sun/Shade: Full sun / part shade



Lantana Lantana spp.

Zone: 8-10 Height: 1-4 Width: 1-3 Duration: Perennial Sun/Shade: Full sun

Perennials



Skullcap Scutellaria suffrutescens

Zone: 7-9 Height: .5-.75 Width: 1-1.5 Duration: Perennial Sun/Shade: Full sun / part shade



Coneflower Echinacea spp.

Zone: 3-8 Height: 1-3 Width: 1-2 Duration: Perennial Sun/Shade: Full sun



Wormwood Artemisia spp

Zone: 6-9 Height: 2-3 Width: 1-2 Duration: Perennial Sun/Shade: Full sun



Lindheimer's Beeblossom Gaura lindheimeri spp

Zone: 5-9 Height: 3-5 Width: 1-2 Duration: Perennial Sun/Shade: Full sun



Buttefly Bush Buddleja spp

Zone: 5-9 Height: 8-15 Width: 10-18 Duration: Perennial Sun/Shade: Full sun / part shade



Sedum sedum spp

Zone: varies Height: varies Width: varies Duration: Perennial Sun/Shade: Full sun



Verbena verbena spp

Zone: varies Height: varies Width: varies Duration: Perennial Sun/Shade: Full sun



Society Garlic Tulbaghia violacea

Zone: 7-10 Height: 1-2 Width: .75-1 Duration: Perennial Sun/Shade: Full sun



Wine Cup/Poppy Mallow Callirhoe digitata Zone: 5-8 Height: 2-4 Width: 1-2 Duration: Perennial Sun/Shade: Full sun

Perennials



Zexmenia Wedilia hispida

Zone: 7-9 Height: 2 Width: 2 Duration: Perennial Sun/Shade: Full sun



Yarrow Achillea millefolium spp Zone: 3-9 Height: 2-3 Width: 2-3 Duration: Perennial Sun/Shade: Full sun



Yarrow Achillea filipendulina spp Zone: 3-9 Height: 3-4 Width: 2-3 Duration: Perennial Sun/Shade: Full sun



Snake Herb botanical

Zone: 7-9 Height: .5 Width: 1 Duration: Perennial Sun/Shade: Full sun



Lambs Ear Stachys byzantina

Zone: 4-8 Height: .75-1.5 Width: 1-1.5 Duration: Perennial Sun/Shade: Full sun



Cast Iron Plan Aspidistra elatior

Zone: 8-10 Height: 2-3 Width: 1-2 Duration: Perennial Sun/Shade: Part to full shade

Ornamental Grass

The following ornamental grasses make up the approved ornamental grass list for the Denton Park System. Any substitutions must be approved by the Denton Parks and Recreation Department and be on the City of Denton Approved Plant List.



Pink Muhlygrass Muhlenbergia capillaris

Zone: 5-9 Height: 2-3 Width: 2-3 Duration: Perennial Sun/Shade: Full sun



Seep Muhly Muhlenbergia reverchonii spp

Zone: 5-9 Height: 2-3 Width: 1.5-2 Duration: Perennial Sun/Shade: Full sun / part shade



Miscanthus sinensis 'Gracillimus' Zone: 5-9 Height: 4-7 Width: 3-6 Duration: Perennial Sun/Shade: Full sun / part shade

Ornamental Grass



Miscanthus Adaigo Miscanthus sinensis 'Adagio'

Zone: 5-9 Height: 3-4 Width: 3-4 Duration: Perennial Sun/Shade: Full sun / part shade

Little Bluestem

Schizachyrium scoparium Zone: 3-9

Height: 2-4

Width: 1.5-2

Duration: Perennial

Sun/Shade: Full sun



Berkeley Sedge Carex tumulicola

Zone: 8-10 Height: 1-2 Width: 2-3 Duration: Perennial Sun/Shade: Part to full shade



Mexican Feather Grass Nassella tenuissima

Zone: 7-10 Height: 1-2 Width: 1.5-2 Duration:Perennial Sun/Shade: Full sun / part shade



Inland Sea Oats Chasmanthium latifolium

Zone: 3-8 Height: 2-5 Width: 1-2.5 Duration: Perennial Sun/Shade: Full sun / part shade



Weeping Love Grass Eragrostis cuvula

Zone: 7-10 Height: 2-3 Width: 2-3 Duration: Perennial Sun/Shade: Full sun



Pampas Grass Cortaderia selloana spp Zone: 6-9 Height: 6-12 Width: 4-6 Duration: Perennial Sun/Shade: Full Sun

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	Flora					
Turf	The following turf grass make up the approved turf grasses list for the Denton Parl System. Any substitutions must be approved by the Denton Parks and Recreation Department and be placed on the City of Denton Approved Plant List.					
	All turf must be suitable for USDA Hardiness Zone 8.					
	Bermuda A	Buffalo Grass R	Rye Grass T			
	Zone: Height: Width: Duration: Sun/Shade: Do Not Use:Celebration Tiff 419	Zone: Height: Width:	Zone: Height: Width:			
	Tiff Sport Princess					
	Zoysia A	St. Augustine R				
	Zone: Height: Width:	Zone: Height: Width:				