



CITY OF ROCKWALL
CITY COUNCIL MEMORANDUM

PLANNING AND ZONING DEPARTMENT
385 S. GOLIAD STREET • ROCKWALL, TX 75087
PHONE: (972) 771-7745 • EMAIL: PLANNING@ROCKWALL.COM

TO: Mayor and City Council

CC: Rick Crowley, *City Manager*
Mary Smith, *Assistant City Manager*
Joey Boyd, *Assistant City Manager*

FROM: Ryan Miller, *Director of Planning and Zoning*

DATE: November 2, 2020

SUBJECT: Work Session on Subsection 06.15, *Lake Ray Hubbard Takeline Overlay (TL OV) District*, of Article 05, *District Development Standards*, of the Unified Development Code (UDC) and the City's Raw Water Policy

Recently, Mayor Pruitt requested that staff review Subsection 06.15, *Lake Ray Hubbard Takeline Overlay (TL OV) District*, of Article 05, *District Development Standards*, of the Unified Development Code (UDC) [*the takeline ordinance*] and the City's *Raw Water Policy*, and bring forward changes that could: [1] provide clearer requirements with regard to the land uses, building materials, and construction standards permitted within the takeline, and [2] provide incentive for more property owners to pursue takeline leases. Based on this direction, staff has prepared the attached amendments to *the takeline ordinance* and the proposed new *Raw Water Policy*.

A summary of the proposed changes to *the takeline ordinance* is provided on the front of the proposed amendment under the *Change Log* heading, but this amendment is basically a complete overhaul of the language currently contained in this section of the Unified Development Code (UDC). Some of the major changes are summarized as follows:

- (1) The way in which the visual measurement for view corridors are currently calculated was changed to allow a larger buildable area for lots with longer linear frontages of shoreline. Currently, the view corridor is calculated from a projection that starts at a central point in the adjacent property owner's rear yard, and projects outward into the takeline at a 36-degree angle. The proposed amendment changes this calculation to a defined point in the center of the takeline -- *at the quarter point* --, and projects this point back to the corners of the subject property. The advantages of this projection system are that it is easier for property owners and staff to calculate quickly, and it yields similar results as the previous projection calculation. For lots with over 100-feet of takeline frontage, this point starts 30-feet from the side yard of the takeline area and then projects back to the corner of the subject property. By doing this, the buildable area on these larger lots is increased in the *435.5-Elevation Zone*, and this allows the property owners leasing these areas the ability to construct certain structures in the center of the takeline area closer to the water's edge.
- (2) New language addressing *Residential Sublease Agreements* and the costs of these agreements were added. Staff should also point out that the fees for these agreements were reduced as follows:

Lease	Current Fees	Proposed Fees
New Lease (<i>i.e. Never Leased by Current Owner</i>)	\$600.00	\$200.00
Annual Renewal of a Lease	\$350.00	\$100.00
Change of Ownership of a Valid Lease	\$350.00	\$50.00
Reinstatement of an Expired Lease (<i>i.e. Same Property Owner</i>)	\$600.00	\$500.00

The purpose of this reduction is to incentivize more property owners to pursue *Residential Sublease Agreements*. In addition, all of the permitted land uses (*with the exception of municipal utilities*) now require the property owner to have a valid *Residential Sublease Agreement*.

- (3) Sea walls were added to the permitted land uses section of the ordinance. In addition, certain land uses now would require the construction of a sea wall prior to their establishment.

In addition to this amendment, staff has prepared a new *Raw Water Policy* that states that the City will not issue authorization letters to the City of Dallas for a *Raw Water Permit* unless the property owner provides [1] a letter of understanding to the City of Rockwall, [2] is in good standing with the City of Rockwall (*i.e. has no outstanding code enforcement or zoning violations, outstanding taxes, and etcetera*), and [3] has a valid *Residential Sublease Agreement*. The purpose of this policy is again to incentivize property owners to pursue *Residential Sublease Agreements*.

After reviewing the current *Interlocal Agreement and Lease* between the City of Rockwall and the City of Dallas, staff is confident that the proposed changes to both *the takeline ordinance* and the *Raw Water Policy* can be adopted without requiring oversight or consent from the City of Dallas. With this being said there is one (1) remaining issue that will need to be addressed by the City Council. Currently, the existing *Residential Sublease Agreements* contain the sublease fees, and a new *Residential Sublease Agreement* for all property owners under existing subleases would be required to subjugate said property owners to the new fees. In addition, after reviewing the current *Residential Sublease Agreement* staff is of the opinion that the agreement needs to be updated, and has asked the City Attorney to review the document. Based on this, staff would suggest that the City Council consider offering *Residential Sublease Agreements* to all property owners that are eligible to lease the takeline area and waive the *New Lease* fee for a set period of time. This will allow property owners with existing agreements to enter into the new agreement without incurring additional cost, and incentivize property owners without a *Residential Sublease Agreement* to enter into a new agreement.

To summarize the above, staff is requesting direction concerning whether the City Council is comfortable: [1] directing staff to amend the Unified Development Code (UDC) with the proposed changes to *the takeline ordinance*, [2] returning to the City Council for action on the *Raw Water Policy* at the November 16, 2020 City Council meeting, and [3] revising the current *Residential Sublease Agreement* and offering it to no cost to all eligible properties for a defined time period. Should the City Council have any questions staff will be available at the November 2, 2020 work session meeting.



CITY OF ROCKWALL
CITY COUNCIL MEMORANDUM

PLANNING AND ZONING DEPARTMENT
385 S. GOLIAD STREET • ROCKWALL, TX 75087
PHONE: (972) 771-7745 • EMAIL: PLANNING@ROCKWALL.COM

TO: Mayor and City Council

CC: Rick Crowley, *City Manager*
Mary Smith, *Assistant City Manager*
Joey Boyd, *Assistant City Manager*
Amy Williams, *City Engineer/Director of Public Works*
Jeffery Widmer, *Chief Building Official*

FROM: Ryan Miller, *Director of Planning and Zoning*

DATE: August 21, 2020

SUBJECT: Policy for Raw Water Permits along the Lake Ray Hubbard Takeline

According to Subsection 'F' of Section III, *Subleasing in Residential Areas*, of the *Interlocal Agreement and Lease* between the City of Dallas and the City of Rockwall, "(d)omestic raw water permit requests from, and construction activities of sublessee will be reviewed and approved by Dallas through its normal permitting process." As part of this process, the City of Dallas requires the applicant to provide a letter from the City of Rockwall stating that the City has no objection to the use of raw water pumped from Lake Ray Hubbard (*see Exhibit 'A'*). In the furtherance of promoting takeline leases, staff proposes the following policy for the City Council's consideration:

Raw Water Permit Policy

It shall be the policy of the City of Rockwall to not issue letters of authorization for raw water permits to the City of Dallas on behalf of property owners, unless said property owner [1] provides a letter of understanding to the City of Rockwall (*outlined below*) [2] is in good standing with the City, and [3] has a valid *Residential Sublease Agreement* with the City. In this case, good standing with the City shall be defined as a property that has no active code enforcement issues, outstanding balances owed to the City for City services, outstanding unpaid taxes (*i.e. balances past due*), or any other issue that may prohibit a City Official from issuing a letter of authorization. The letter of understanding provided by the property owner to the City of Rockwall shall state that no cross connection between an irrigation and/or domestic water system and a system used for raw water will be established. The letter should also state that the property owner acknowledges that once a system has been connected to a raw water source it cannot be reconnected to the City's water system without a testable backflow prevention device being installed at the point of connection between the existing irrigation system and the domestic water supply or after the irrigation meter (*if the irrigation system is on a separate water meter than the water meter supplying the house*). A template for this letter has been provided in *Exhibit 'B'* of this ordinance.



City of Rockwall
The New Horizon

July 29, 2019

Jim Pruitt
209 Stonebridge
Rockwall, TX 75087

Re: City of Dallas raw water pump permit

Mr. Pruitt,

The City of Rockwall has no objections to you seeking or acquiring a raw water permit from the City of Dallas.

Please be aware however, installation of an irrigation system and any electrical work associated with energizing the pump requires a permit from the City of Rockwall. Our Building Inspections Department would be happy to assist you in submitting the appropriate permit applications and obtaining the applicable permits.

Sincerely,

A handwritten signature in blue ink that reads "J. Widmer".

Jeffrey Widmer, CBO
Building Official
City of Rockwall, TX.
(972) 772-6453
jwidmer@rockwall.com

Exhibit 'B': Example of Letter of Understanding

DATE

TO: Jeffery Widmer
Chief Building Official
City of Rockwall
Rockwall, TX 75087

FROM: Property Owner Name
Property Owner Address
Rockwall, TX Zip Code

SUBJECT: Letter of Understanding for a Raw Water Connection

Mr. Widmer:

This letter is to acknowledge that I -- *Property Owner Name* the owner of the property at *Property Address* -- understand the following concerning my request for a *Raw Water Permit* from the City of Dallas:

- (1) Once I establish a raw water system, no cross connection between this system and the City of Rockwall's water system may be established at any time.
- (2) Once an irrigation or water system has used a raw water source, the system may not be connected or reconnected to the City of Rockwall's water system unless it is disconnected from the raw water source and a testable backflow prevention device is installed at the point of connection between the existing irrigation system and the domestic water supply or after the irrigation meter (*if the irrigation system is on a separate water meter than the water meter supplying the house*).

Based on this understanding, I respectfully request a letter of authorization from the City of Rockwall for the purpose of pursuing a *Raw Water Permit* from the City of Dallas. I further understand that if my *Residential Sublease Agreement* expires or is terminated that I will have 30-days to remove any structures and/or improvements from the expired or terminated lease area, and return the area to a predeveloped condition.

Sincerely,

Property Owner Name

STRUCTURE OF ORDINANCE CHANGE

(1) SUBSECTION 06.15: LAKE RAY HUBBARD TAKELINE OVERLAY (TL OV) DISTRICT

- (A) PURPOSE
- (B) BOUNDARIES
- (C) APPLICABILITY
- (D) DEFINITIONS
- (E) VISUAL MEASUREMENTS FOR VIEW CORRIDORS
- (F) GENERAL REQUIREMENTS
- (G) RESIDENTIAL SUBLEASE
- (H) PERMITTED USES
- (I) SPECIFIC USE PERMITS (SUPS)
- (J) SPECIFICATIONS FOR PERMITTED LAND USES
 - (1) BARBECUE PIT
 - (2) BOATHOUSE
 - (3) COVERED PATIO
 - (4) DECK
 - (5) DOCK DECK
 - (6) FENCE
 - (7) FLAGPOLE
 - (8) FIXED PIER
 - (9) FIRE PIT
 - (10) GAZEBO
 - (11) LANDING AND STAIRS
 - (12) LANDSCAPING AND RETAINING WALLS
 - (13) MUNICIPAL UTILITIES
 - (14) OUTDOOR LIGHTING
 - (15) PATIO
 - (16) PERGOLA
 - (17) PICNIC TABLE
 - (18) PRIVATE PLAY STRUCTURE
 - (19) PRIVATE UTILITIES
 - (20) PRIVATE WALKWAYS
 - (21) SEAWALL
 - (22) SPRINKLER/IRRIGATION SYSTEM

(2) SUBSECTION 07.05: LAKE RAY HUBBARD TAKELINE OVERLAY (TL OV) DISTRICT DEVELOPMENT STANDARDS

CHANGE LOG

- (1) BROKE OUT EACH LAND USE AND STANDARDIZED THE SECTIONS.
- (2) ADDED FIRE PIT AND PICNIC TABLE AND BROKE OUT COVERED PATIO, DECK, PERGOLA, PATIO AND GAZEBO OUT INTO THEIR OWN SECTIONS.
- (3) CHANGED THE MATERIAL REQUIREMENTS FOR ALL STRUCTURES LOCATED IN THE 435.5 & 425.5 ELEVATION ZONES TO ALLOWING ONLY COMPOSITE MATERIALS OR METAL.
- (4) CHANGED THE WAY THE VIEW CORRIDORS WERE CALCULATED AND GAVE A GREATER ALLOWANCE TO PROPERTIES THAT HAVE A MINIMUM OF 100-FEET OF SHORELINE FRONTAGE.
- (5) REQUIRED COVERED PORCHES TO HAVE A CLERESTORY OR CUPOLA.
- (6) LIMITED MATERIALS SO THAT CLOTH, CANVAS, OR LIKE MATERIALS WERE NOT PERMITTED.
- (7) CHANGED THE SUP REQUIREMENT TO GIVE THE CITY COUNCIL GREATER AUTHORITY IN ALLOWING LAND USES AND STRUCTURES IN THE TAKELINE AREA.
- (8) DEFINED WHERE AND WHEN TREES CAN BE PLANTED OR REMOVED.
- (9) LIMITED THE NUMBER OF STRUCTURES PERMITTED IN EACH ZONE.
- (10) ADDED EXAMPLE IMAGES OF ALL PERMITTED LAND USES.
- (11) CHANGED LOCATIONAL REQUIREMENTS FOR STRUCTURES IN THE 435.5 ELEVATION ZONE AND BOAT RELATED STRUCTURES.
- (12) CREATED AN ADMINISTRATIVE EXCEPTION FOR PLACEMENT OF STRUCTURES
- (13) INSERTED A TAKELINE LEASE SECTION THAT OUTLINES THE TAKELINE LEASE FEES.
- (14) REDUCED THE TAKELINE LEASE FEES TO MORE REASONABLE COSTS.
- (15) REQUIRED A SEAWALL FOR CERTAIN STRUCTURES IN CERTAIN ELEVATION ZONES.
- (16) CREATED A SUMMARY CHART FOR PERMITTED LAND USES.
- (17) ADDED AN IMAGE OF AND USE FOR A SEA WALL.

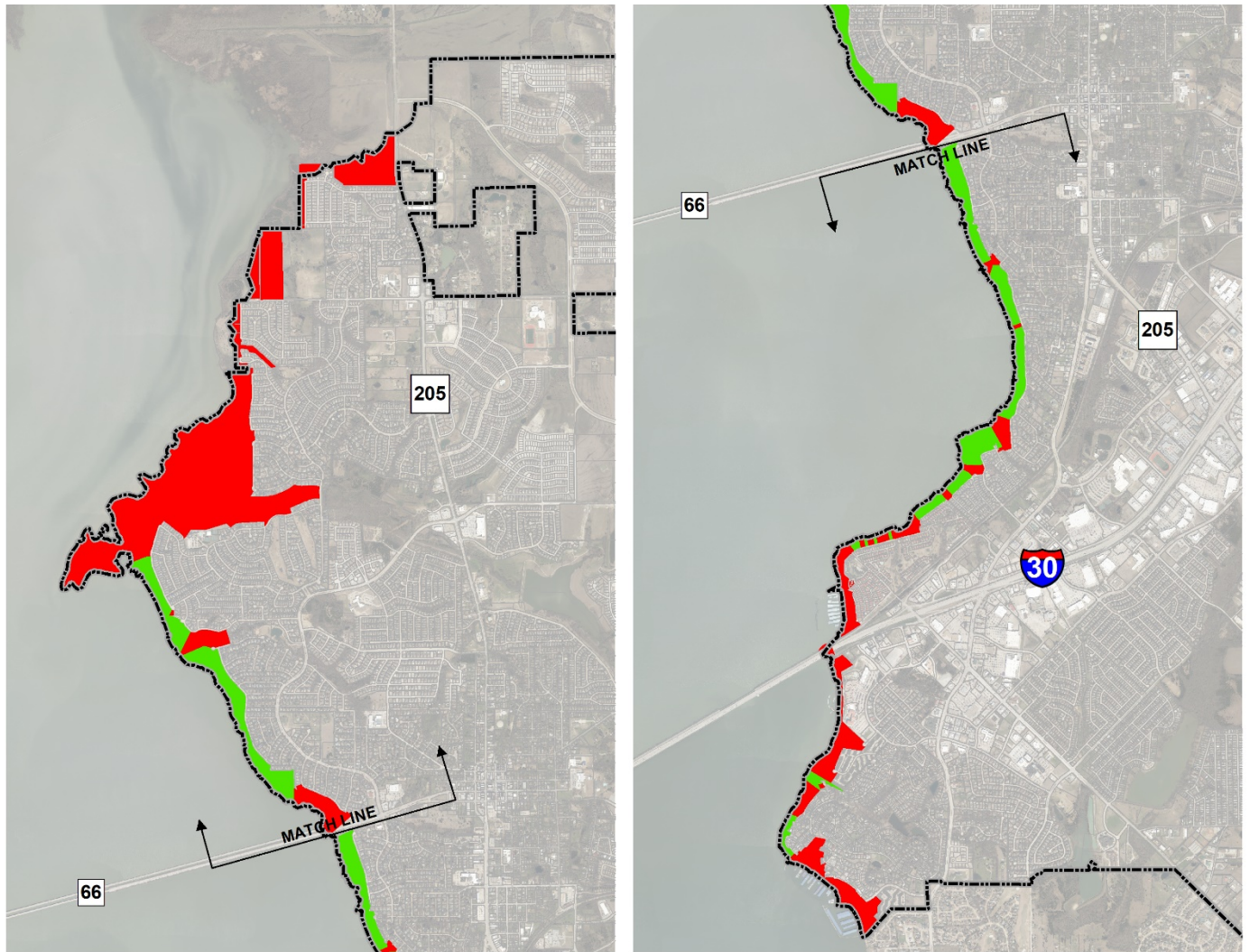
NOTES

- (1) I SPOKE WITH THE CITY ATTORNEY ABOUT THE CURRENT ORDINANCE'S LIMITATION ON ONLY ALLOWING THE UNITED STATES FLAG AND THE TEXAS FLAG TO BE FLOWN IN THE TAKELINE AREA. THIS REQUIREMENT IS APPARENTLY NOT ENFORCEABLE; HOWEVER, I LEFT IT IN THE ORDINANCE CHANGE AND AS LONG AS WE DON'T TRY TO ENFORCE IT WE SHOULD BE OK. I SHOULD ALSO NOTE THAT THE CITY OF HEATH ALSO HAS THIS REQUIREMENT IN THEIR TAKELINE ORDINANCE.
- (2) AFTER REVIEW OF THE CURRENT INTERLOCAL AGREEMENT WITH THE CITY OF DALLAS, NOTHING CONTAINED IN THIS ORDINANCE CHANGE WOULD VIOLATE THAT AGREEMENT OR IS EXPRESSLY PROHIBITED IN THAT AGREEMENT. THE CITY COUNCIL SHOULD BE ABLE TO ADOPT THIS ORDINANCE CHANGE WITHOUT THEIR REVIEW; HOWEVER, AFTER ADOPTION IT MAY BE PRUDENT TO ALLOW THEM TO REVIEW THE CHANGES.

SUBSECTION 06.15: LAKE RAY HUBBARD TAKELINE OVERLAY (TL OV) DISTRICT

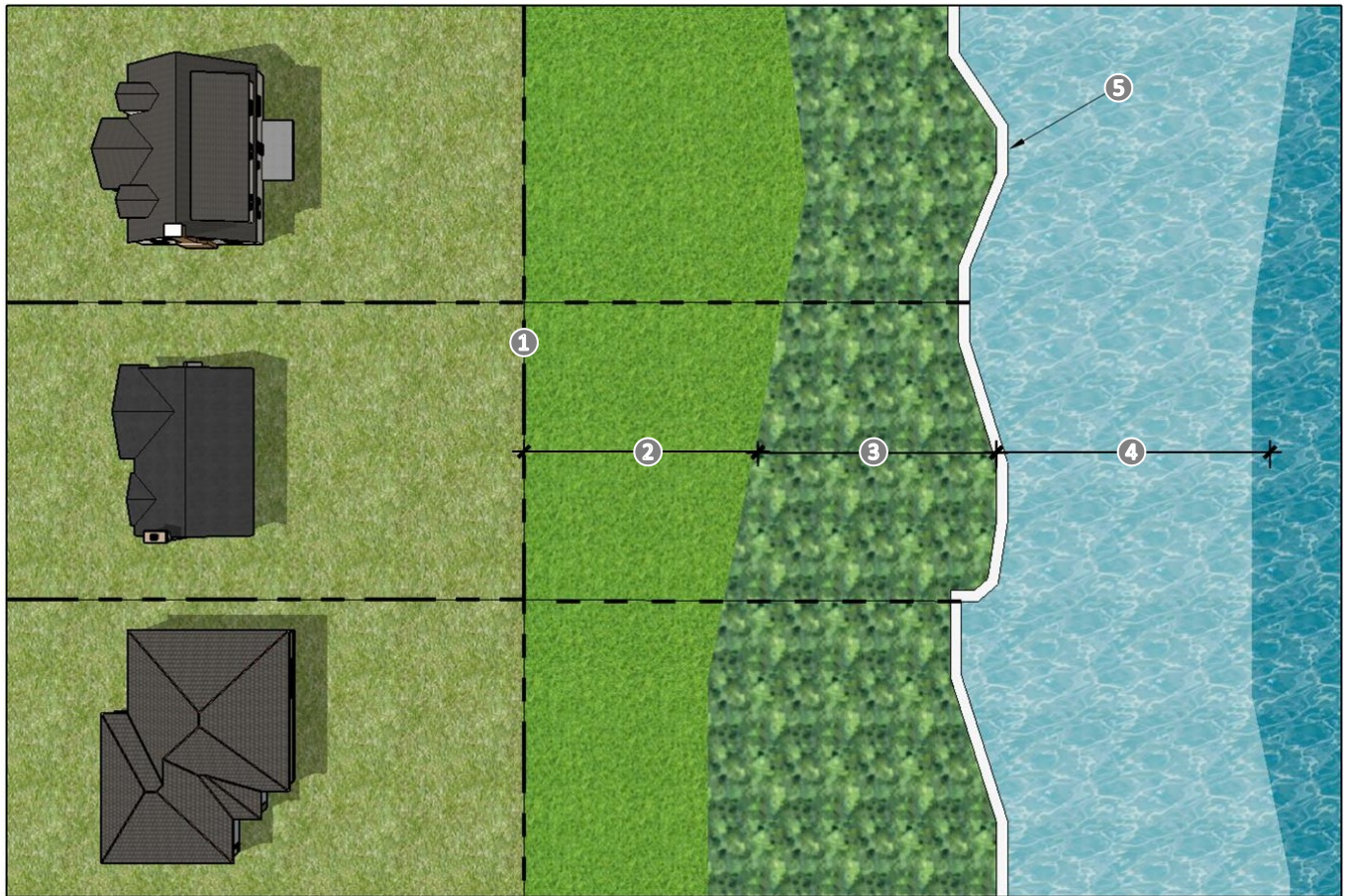
- (A) **Purpose.** The purpose of the *Lake Ray Hubbard Takeline Overlay (TL OV) District* is to permit the development of property along the shoreline of Lake Ray Hubbard under certain regulatory conditions governing permitted uses and development standards, setting forth the procedures for the development of said property, and establishing an appeal process for the development standards of the district. This zoning district has its basis in and is intended serve as an implementation tool for the Lake Ray Hubbard Master Plan (*adopted by the City of Dallas*), the Lake Ray Hubbard Interlocal Agreement as approved by those municipalities comprising the *Lake Cities Coalition* (i.e. *Garland, Rockwall, and Rowlett*) and the City of Dallas, and the OURHometown Vision 2040 Comprehensive Plan. The adoption of this zoning district is intended to provide a means for the protection of water quality
- (B) **Boundaries.** The Lake Ray Hubbard Takeline (TL OV) District includes all property that is located between the City of Dallas *Takeline* as shown on the boundary map for Lake Ray Hubbard (i.e. *File 612D-1 on file in the City of Dallas Records Vault and depicted below in Figure 26, Lake Ray Hubbard Takeline [TL OV] District Map*) and the meandering of the contour line 435.5-foot sea level elevation. In addition, *Figure 27: Elevation Contours*, shows the elevation zones used to delineate where certain land uses are permitted.

FIGURE 26: LAKE RAY HUBBARD TAKELINE OVERLAY (TL OV) DISTRICT MAP



RED: NON-LEASEABLE PROPERTY; GREEN: LEASABLE PROPERTY

FIGURE 27: ELEVATION CONTOUR ZONES



① : REAR PROPERTY LINE/TAKE LINE; ② : 438.0 ELEVATION ZONE; ③ : 435.5 ELEVATION ZONE; ④ : 425.5 ELEVATION ZONE; ⑤ : SEAWALL;

(C) *Applicability.*

- (1) *Applicable Lots.* The standards set forth within Subsection 06.15, *Lake Ray Hubbard Takeline Overlay (TL OV) District*, shall apply only to those lots within the takeline that are zoned and used for detached, single-family residential land uses, and that either have a minimum lot width of 45-feet when measured at the front building line or a minimum width of 35-feet at the front building line when located on a curved street or cul-de-sac that are eligible to lease. The properties eligible to lease the takeline area are depicted in *Figure 26: Lake Ray Hubbard Takeline Overlay (TL OV) District Map* above.
- (2) *Exceptions for Lots Not Meeting the Applicability Standards.* The City Council shall have the authority to consider special exceptions to the eligibility standards set forth within this section that apply to those lots within the Lake Ray Hubbard Takeline Overlay (TL OV) District that are zoned and used for detached, attached, or zero-lot-line single-family residential land uses and meet the minimum lot width requirements as prescribed in [Subsection 06.15\(B\)\(1\)](#) above.

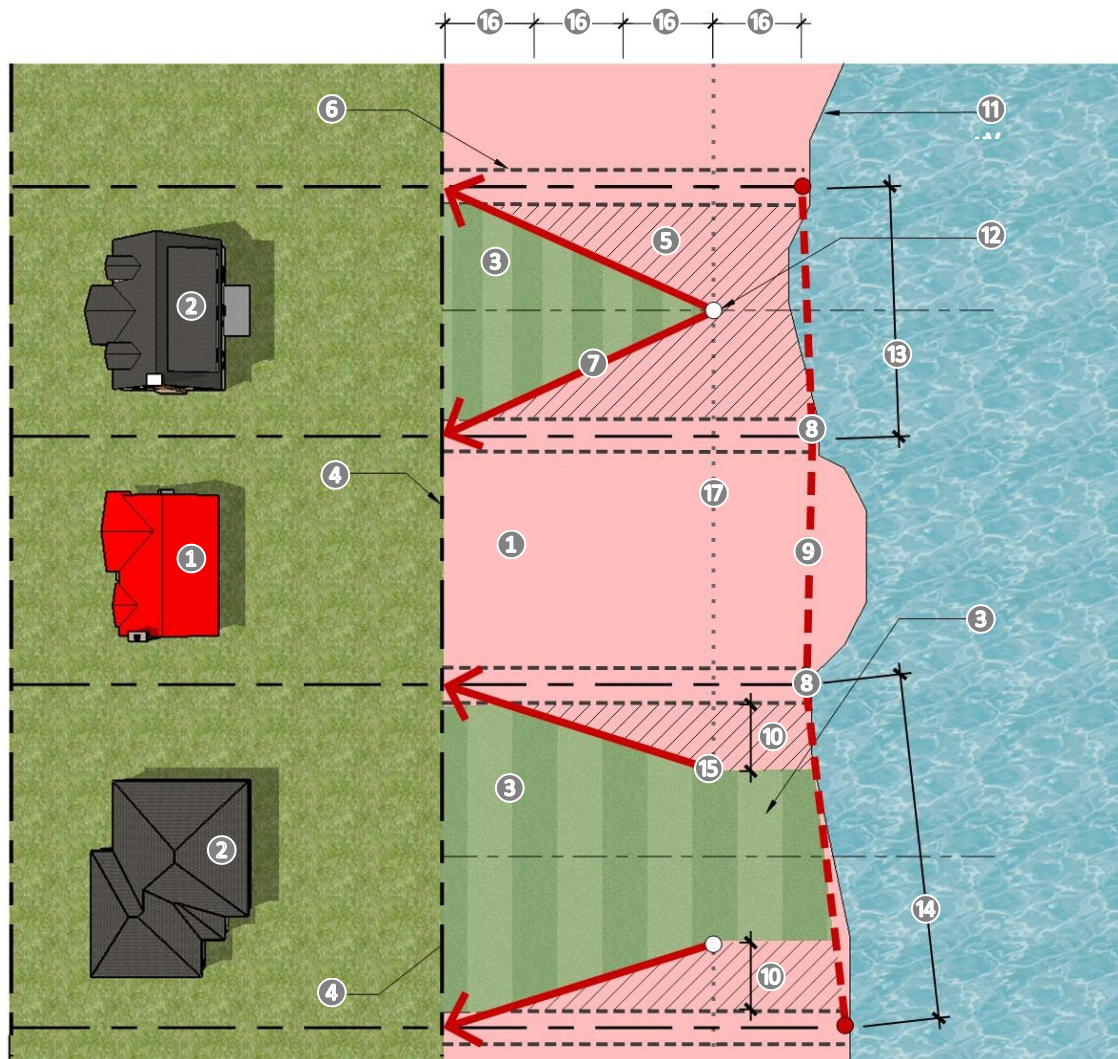
(D) *Definitions.* The terms used in this section shall be as defined in this Unified Development Code (UDC), the Lake Ray Hubbard Interlocal Agreement, and the sublease agreements prepared by the City of Rockwall. For specific land use definitions refer to [Subsection \(J\), Specifications for Permitted Land Uses](#). In addition, the following terms shall be defined as follows:

- (1) *Catwalk.* The narrow walkway of a dock providing people access to moored watercraft.
- (2) *Centerline.* An established line that is equidistant from the surface or sides of something (e.g. *parcel boundaries*).
- (3) *Cleat.* A metal fitting with two (2) projecting pieces used to wrap a rope around to secure a watercraft in position.
- (4) *Dredging.* The process of deepening a waterway for the safe and efficient movement of watercraft by the removal of dirt either by digging or by suction.
- (5) *Habitable Structure.* A structure fit for human habitation usually containing amenities (e.g. *fireplace, furniture, plumbing, bathing facilities, and cooking facilities*). Structures allowed by this section shall not be habitable structures and may not contain such amenities.

- (6) Lake. Refers to Lake Ray Hubbard.
 - (7) Lake Area. The City of Dallas property, known as Lake Ray Hubbard, that is normally submerged by the lake at a normal lake pool elevation (*i.e. property at or below an elevation of 435.5-feet mean sea level*).
 - (8) Leased Area. Means the take area that is within the corporate limits of the City of Rockwall, or where the takeline is directly adjacent to the corporate limits of the City of Rockwall.
 - (9) Lift. A temporary means of elevating a watercraft out of the water by use of a hoist.
 - (10) Locker Box. A secured chest fixed onto a dock used for storage of watercraft equipment.
 - (11) Moor. Securing a watercraft to a fixed object such as a fixed cleat on a seawall while the watercraft is still in the water.
 - (12) Mooring. A place where a watercraft can be tied up and secured while in the water (*e.g. a slip*) for not more than 156-consecutive hours.
 - (13) Power Source Station. Used as a power supply for lighting a dock just below watercraft level.
 - (14) Shoreline. Refers to the line along the shore of the lake, established by the normal lake pool elevations (*i.e. 435.5-feet mean sea level*).
 - (15) Slip. A watercraft's berth between two (2) piers or between finger piers.
 - (16) Take or Takeline Area. Refers to the land owned by Dallas between the takeline and the normal lake pool elevations (*i.e. 435.5-feet mean sea level*).
 - (17) Treated Wood. Wood treated by the impregnation or application of chemical solutions or chemical mixtures for the purpose of retarding or preventing deterioration or destruction cause by insects, fungi, bacteria, or other wood destroying organisms.
 - (18) View Clear Zone. The area within the view preservation angle where no new structures or plantings shall exceed six (6) feet above the existing grade to maintain neighboring views.
 - (19) View Corridor. A sight passage recognized as holding an intangible asset for a property owner and for a community due to the unique visual qualities of distant terrain, woodlands, wetlands, grasslands, skylines, and manmade lakes expressed through a view preservation angle from either a generally recognized center point or various center points along a road corridor or public view area (*see Figure Subsection (E): Visual Measurements for View Corridors*).
 - (20) View Preservation Angle. The angle determined as the line extending from the center point -- or 30-foot point depending on lot size -- along the quarter distance line of the leased area extending back toward the opposite corner where the takeline area crosses the lease area's side yard (*see Figure 28: Visual Measurements for View Corridors*).
 - (21) Watercraft (or Boat). A craft for water transport. Examples of watercrafts are as follows:
 - (a) Motorized Boat. A boat propelled by an internal combustion engine.
 - (b) Sail Boat. A boat with a mast and sail propelled by the wind.
- (E) Visual Measurements for View Corridors.
- (1) View Corridors. View clear zones are established to protect a property owner's views of the lake and to maintain the aesthetic value of the lake's shoreline. The view clear zones for the takeline areas are established by the shoreline frontage of the takeline lease area. This measurement is determined by projecting the lease areas side yards to the normal pool elevation (*i.e. 435.5-feet mean sea level*), and connecting these two (2) points in a straight line (*see Figure 28: Visual Measurements for View Corridors*). Based on this linear measurement, the view clear zones are determined by the following:
 - (a) Lots That Have Less Than 100-Feet of Shoreline Frontage. The view corridor for lots that have less than 100-feet of shoreline frontage is defined by the view preservation angle determined as the quarter distance (*i.e. 25%*) center point from the shoreline frontage line along the centerline of the leasing property owner's side yard with the angle running from the quarter distance center point to the opposite corners where the takeline area crosses the lease area's side yard. Those areas that fall inside of the view clear zones will be restricted from any type of new improvements or plantings exceeding six (6) feet in height with the exception of boat-related uses, which will be allowed by an administrative exception in accordance with [Subsection \(F\)\(2\)\(d\)](#).
 - (b) Lots That Have More Than 100-Feet of Shoreline Frontage. The view corridor for lots that have more than 100-feet of shoreline frontage is defined by the view preservation angle determined as the quarter distance (*i.e. 25%*) line projected from the shoreline

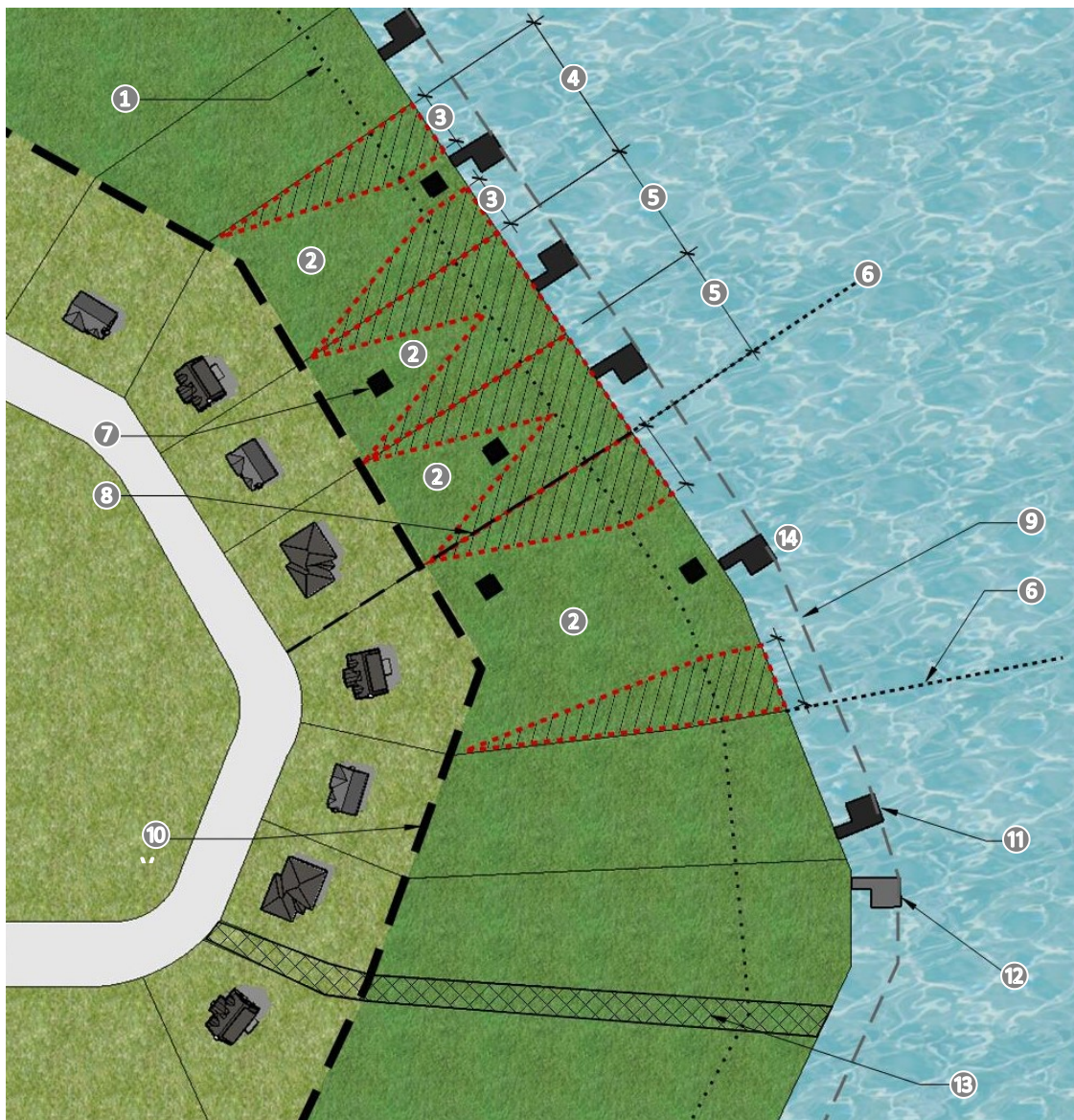
frontage line extending from the leasing property owner's side yard 30-feet along the quarter distance line and running from this point to the opposite corners where the takeline area crosses the lease area's side yard, and in a straight line from the 30-foot point on the quarter distance line to the shoreline frontage line. Those areas that fall inside of the view clear zones will be restricted from any type of new improvements or plantings exceeding six (6) feet in height with the exception of boat-related uses, which will be allowed by an administrative exception in accordance with [Subsection \(F\)\(2\)\(d\)](#).

FIGURE 28: VISUAL MEASUREMENTS FOR VIEW CORRIDORS



1: SUBJECT PROPERTY'S AND ITS VIEW CORRIDOR (PINK AREA); 2: NEIGHBORING PROPERTY; 3: NEIGHBORING PROPERTY'S BUILDABLE AREA (GREEN LINED AREA); 4: REAR PROPERTY LINE/TAKELINE; 5: VIEW CLEAR ZONE (LINED AREA); 6: LEASE AREA SIDE YARD SETBACK; 7: VIEW PRESERVATION ANGLE; 8: THE INTERSECTION OF THE 435.5 ELEVATION LINE AND THE LEASE AREA'S SIDE YARD; 9: SHORELINE FRONTAGE LINE (ESTABLISHED BY CONNECTING THE TWO [2] 8 POINTS IN A STRAIGHT LINE); 10: 30-FOOT; 11: SHORELINE; 12: CENTER POINT AT THE QUARTER DISTANCE LINE; 13: A LOT WITH A SHORELINE FRONTAGE LESS THAN 100-FEET; 14: A LOT WITH A SHORELINE FRONTAGE 100-FEET OR MORE; 15: 30-FOOT POINT ON THE QUARTER DISTANCE LINE; 16: 25% OF THE TAKELINE AREA; 17: QUARTER DISTANCE LINE.

FIGURE 29: EXAMPLES OF VISUAL MEASUREMENTS FOR VIEW CORRIDORS AND STRUCTURE PLACEMENT



1: QUARTER DISTANCE LINE; 2: BUILDABLE AREA; 3: 30-FOOT; 4: A LOT WITH A SHORELINE FRONTAGE LINE 100-FOOT OR MORE; 5: A LOT WITH A SHORELINE FRONTAGE LINE LESS THAN 100-FOOT; 6: LEASE AREA'S PROJECTED SIDE YARD; 7: STRUCTURE BUILT IN THE 438.0 ELEVATION ZONE; 8: LEASE AREA'S SIDE YARD; 9: 40-FOOT BUILDING LINE; 10: REAR PROPERTY LINE/TAKELINE; 11: EXISTING BOATHOUSE; 12: BOATHOUSE LOCATION APPROVED ADMINISTRATIVELY BECAUSE OF DRAINAGE EASEMENT AND CLUSTERED WITH AN EXISTING BOATHOUSE; 13: DRAINAGE EASEMENT; 14: BOATHOUSE AND STRUCTURE IN THE 435.5 ELEVATION ZONE GENERALLY CENTERED IN THE LEASE AREA BEHIND THE PRIMARY STRUCTURE.

(F) General Requirements. The following general requirements shall apply for all property in the takeline area.

- (1) Number of Permitted Structures. The following is the maximum number of structures that shall be permitted in each elevation zone (*NOTE: in this case a structure is defined as any of the permitted uses specified in [Subsection \(J\), Specifications for Permitted Land Uses](#) that exceeds six [6] feet in height*):
 - (a) 438.0 Elevation Zone: Two (2) structures shall be permitted in the 438.0 Elevation Zone.
 - (b) 435.5 Elevation Zone: One (1) structure shall be permitted in the 435.5 Elevation Zone.
- (2) General Location of Permitted Structures. The following requirements relate to where structures should be generally located in each elevation zone (*NOTE: in this case a structure is defined as any of the permitted uses specified in [Subsection \(J\), Specifications for Permitted Land Uses](#) that exceeds six [6] feet in height*):
 - (a) 438.0 Elevation Zone: Structures in the 438.0 Elevation Zone should be located outside of the view clear zones unless specifically permitted to be in the view clear zone by [Subsection \(J\), Specifications for Permitted Land Uses](#).

- (b) 435.5 Elevation Zone: Structures in the *435.5 Elevation Zone* should be generally centered in the lease area -- *equal distance from both leased side yard boundary lines* -- behind the primary structure on the leasing property and outside of the view clear zones unless specifically permitted to be in the view clear zone by [Subsection \(J\), Specifications for Permitted Land Uses](#).
 - (c) 425.5 Elevation Zone: Structures located in the *425.5 Elevation Zone* should be generally centered along the shoreline -- *equal distance from both the leased side yard boundary lines* -- behind the primary structure of the leasing property.
 - (d) Administrative Exception for the 435.5 & 425.5 Elevation Zone. In cases where it is [1] not feasible to construct a structure in the center of the lease area or along the shoreline, [2] will increase the view corridor or benefit the surrounding properties by not centering a structure in the lease area, or [3] where centering the structure will create an undue hardship to the property owner leasing the lease area, the Director of Planning and Zoning or his/her designee may approve an administrative exception to allow an alternate location that is not generally centered in the lease area as long as the location for the proposed structure is outside of the view clear zone. In approving these requests, the Director of Planning and Zoning or his/her designee shall consider the impact of the proposed structure on the adjacent property owners.
- (3) Building Materials. The permitted building materials shall be as stipulated in [Subsection \(J\), Specifications for Permitted Land Uses](#), and as permitted by the City Council through a Specific Use Permit (SUP); however, the use of canvas, cloth, or like materials shall be prohibited within the takeline area. In addition, loose ground materials (*e.g. sand, fill, pea gravel*) that could be used for trails, paths, play areas, active sports activities, or as exposed landscape bedding material are prohibited.
- (4) Trees. In order to plant or remove a tree in the takeline area, a *Treescape Plan* showing the exact location, size (*i.e. trunk diameter and height*), and common name of the tree to be planted or removed will be required to be submitted to the Parks and Recreation Department. A permit to plant or remove a tree may be approved administratively by the Director of Parks and Recreation or his/her designee, or forwarded to the Parks and Recreation Board for approval. In reviewing a request to plant or remove a tree, the following criteria shall apply:
- (a) Planting Trees. Trees are permitted to be planted within the *438.0 Elevation Zone* pending they are [1] not a variety specifically listed in the prohibited tree list contained in [Section 03, Tree Planting Guidelines and Requirements, of Appendix C, Landscaping Guidelines and Requirements](#), and [2] they are not located within the view clear zone outlined [Subsection \(E\), Visual Measurements](#). The Director of Parks and Recreation or his/her designee may grant an exception to allow a tree to be planted in the view clear zone where it is determined that the tree will not decrease the visibility of the lake or shoreline for the adjacent properties. In making this determination, the Director of Parks and Recreation shall consider the size of the proposed tree at maturity.
 - (b) Removing Trees. Trees are permitted to be removed only if they are determined to be damaged or diseased, or if they create a hazardous or dangerous condition that could endanger the public health, safety or welfare of the general public.
- (5) Temporary Structures in the Takeline Area. Temporary structures (*e.g. portable residential barbecue grills and ranges, trampolines, etc.*) are permitted to be brought out into the takeline area providing that they are not allowed to remain in any part of the takeline area for more than 72 consecutive hours unless completely enclosed within a fenced area constructed in accordance with [Subsection 06.15\(J\)\(6\)](#).
- (G) Residential Sublease Agreement. A *Residential Sublease Agreement* is an agreement between a property owner and the City of Rockwall that grants the property owner certain rights to the exclusive use of the takeline area. A *Residential Sublease Agreement* shall be required to build certain structures within the takeline area. It shall be a violation of the zoning code to build or maintain a structure in the takeline area without a valid *Residential Sublease Agreement*. An owner in violation of this section shall be subject to the requirements of [Section 01, Penalties, of Article 12, Enforcement, of the Unified Development Code \(UDC\)](#). The following shall be the costs associated with a *Residential Sublease Agreement*:

Lease	Fees
New Lease (<i>i.e. New Never Leased by Current Owner</i>) ²	\$200.00
Annual Renewal of a Lease	\$100.00
Change of Ownership of a Valid Lease	\$50.00
Reinstatement of an Expired Lease (<i>i.e. Same Property Owner</i>) ³	\$500.00

NOTES:

¹: To be subject to these new fees, a lease entered into after **January 1, 2021** will be required (*i.e. the effective date of the amendment adopting these fees*).

²: A lease is considered to be new under the following circumstances: [1] the property has never had a valid lease agreement, or [2] the property had a valid lease under different ownership but that lease agreement expired prior to the current owner taking possession of the property.

³: A lease is considered to be a reinstatement when it lapses or expires under the current ownership, and then the same owner requests a new lease.

- (H) Permitted Uses. All of the uses permitted within the *Lake Ray Hubbard Takline Overlay (TL OV) District* shall adhere to all other applicable codes and permitting requirements of the City of Rockwall. For a list of permitted land uses see [Subsection \(J\), Specifications for Permitted Land Uses](#), or [Subsection 07.05, Lake Ray Hubbard Takeline Overlay \(TL OV\) District Development Standards](#).
- (I) Specific Use Permits (SUPs). A Specific Use Permit (SUP) may be requested for: [1] any use that is not listed in [Subsection \(J\), Specifications for Permitted Land Uses](#) or [2] any structure that does not adhere to the requirements stipulated for that use or structure as required by

Subsection (J), Specifications for Permitted Land Uses; however, a request for a Specific Use Permit (SUP) cannot be requested if a dimensional, material, size, or location standard stipulated in Subsection (J), Specifications for Permitted Land Uses, or Subsection (F), General Requirements, is expressly prohibited. In addition, no requests can be made that violate the view corridor requirements stipulated in Subsection (E), Visual Measurements. A Specific Use Permit (SUP) may be requested for water related land uses that are not specifically addressed in Subsection (J), Specifications for Permitted Land Uses, (e.g. jet ski lift) pending the applicant provides a letter of consent from the City of Dallas prior to making the application. In considering a Specific Use Permit (SUP) request, the City Council shall consider how the proposed request [1] impacts adjacent properties, and [2] adheres to the intent of the Lake Ray Hubbard Takeline Overlay (TL OV) District.

(J) Specifications for Permitted Land Uses. See Subsection 07.05, Lake Ray Hubbard Takeline Overlay (TL OV) District Development Standards, for a summary of the development standards for each of the following conditional uses.

(1) Barbecue Pit.

(a) Definition. A *barbecue pit* is a permanent fireplace structure over which meat, poultry and other foods are roasted (for *Fire Pit* see Subsection 06.15(J)(9)).

(b) Prerequisites. A *barbecue pit* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall.

(c) Elevation Zone. A *barbecue pit* shall be allowed in the following zones:

(1) 438.0: Permitted.

(2) 435.5: Not Permitted.

(3) 425.5: Not Permitted.

(d) Conditional Use Standards. A *barbecue pit* can only be fueled by charcoal and wood products, and shall not be fueled by any permanently buried gas products (i.e. natural gas or propane).

(e) Construction Standards.

(1) Building Materials. A *barbecue pit* must be constructed utilizing a combination of natural stone, brick, concrete, and/or iron grating.

(2) Height. A *barbecue pit* shall not exceed a maximum of six (6) feet in height.

(3) Size. A *barbecue pit* shall not be smaller than a minimum size of three (3) feet in length by three (3) feet in width; however, a *barbecue pit* should not exceed a maximum size of eight (8) feet in length by three (3) feet in width.

(f) Setback Requirements. A *barbecue pit* must adhere to the following setbacks:

(1) Takeline Setback: 0-Feet

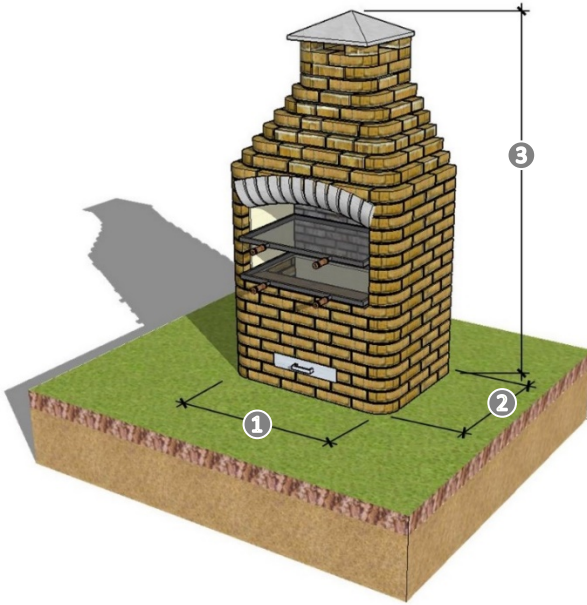
(2) Leased Side Yard Setback: 6-Feet

(g) Additional Requirements.

(1) Earth Work. Earth work required for the construction of a *barbecue pit* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.

(2) Compliance with Applicable Codes. A *barbecue pit* must comply with all other applicable City of Rockwall codes.

(h) Visual Representation.



- ①: A MINIMUM AND MAXIMUM OF THREE (3) FEET IN LENGTH;
- ②: A MINIMUM OF THREE (3) FEET AND A MAXIMUM OF EIGHT (8) FEET IN WIDTH;
- ③: A MAXIMUM OF SIX (6) FEET;

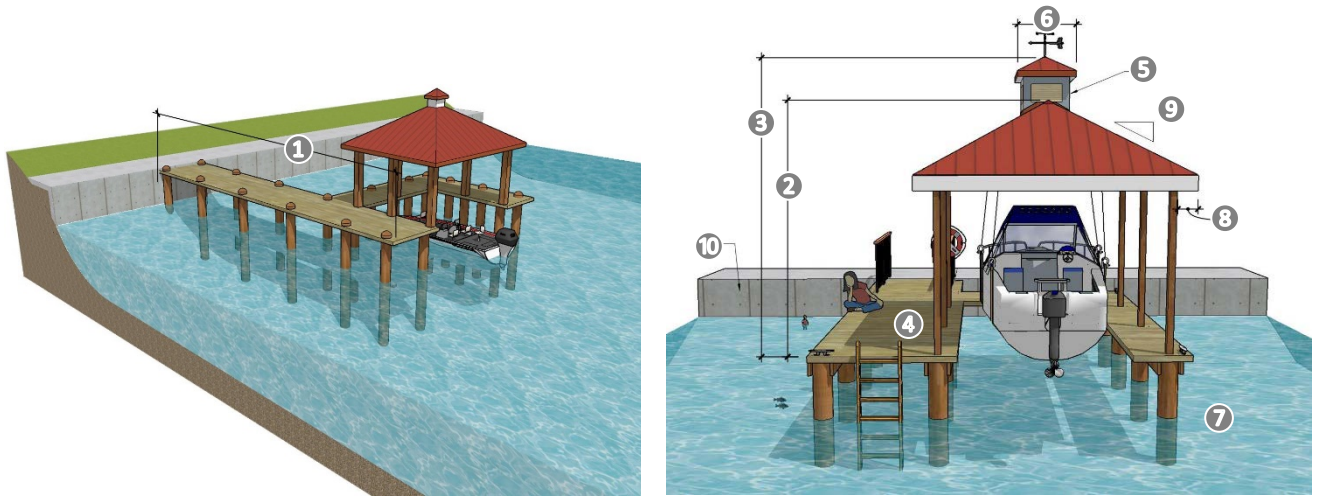
(2) Boathouse.

- (a) Definition. A boathouse is a roofed structure affixed to the end of an adjoining fixed pier, with a main waterside opening, containing an operating boatlift, and which is built to house and protect a watercraft and boat related equipment.
- (b) Prerequisites. A boathouse may only be constructed on a property that has a valid Residential Sublease Agreement from the City of Rockwall, has constructed a seawall along the entire length of the shoreline within the leased area, and has constructed a fixed pier.
- (c) Conditional Use Standards. Boathouses are used for storing boats that have a fuel efficiency rating greater than 95%; however, boathouses may also be used to store sailboats. Boathouses will not be used for storing any other type of items except boats and boat-related equipment. In addition, Boathouses shall not be used as a habitable dwelling structure, or shelter for domestic or wild animals. All boathouses shall be designed to discourage swimming, be durable, and have a base foundation construction of approved piling piers placed to a depth decided by a structural engineer; however, a boathouse shall not be designed to prevent public access to an area of water. Accessories placed on the flat surface of a boathouse or catwalk must be placed in an orderly manner that allows for the safe movement of people.
- (d) Elevation Zone. A boathouse shall be allowed in the following zones:
 - (1) 438.0: Not Permitted.
 - (2) 435.5: Not Permitted.
 - (3) 425.5: Permitted.

(e) Construction Standards.

- (1) Building Materials. All boathouse constructed below the 437.0-foot mean sea level contour shall use only pilings and materials approved by the City of Rockwall and the City of Dallas. Boathouses shall be constructed utilizing composite materials (e.g. wood composite or synthetic wood where natural timber fibers are mixed with high-tech plastic materials) -- products equivalent to Trex brand are preferred -- for decking, galvanized metal/iron/steel or aluminum (with a minimum color rating of AAMA 2604) for the support posts, all aforementioned materials and cedar or iron wood for the roof beams, and standing seam metal for the roof with a pre-finished color. Support posts may be wrapped in composite material. Water repellant sealants shall not be used to treat any cedar or ironwood used for roof beams. All fasteners binding materials together must be made out of stainless steel.
- (2) Height. A boathouse shall be a minimum of 16-feet and a maximum of 21-feet in height as measured from the top of the fixed pier's catwalk to the vertex of the boathouse's cupola; however, in no case should a boathouse exceed one (1) story in height.
- (3) Size. The footprint of the exterior sides of a boathouse will measure a minimum of eight (8) feet in width by 30-feet in length and a maximum of 12-feet in width and 30-feet in length. Boathouses shall not extend more that 40-linear feet into the water as measured from the normal pool elevation of the shoreline (i.e. 435.5).
- (4) Roof. A boathouse will have a hip roof with either: [1] one (1) cupola with a hip roof centered at the top of the main hip roof, or [2] two (2) cupolas each with hip roofs at either end of the top of the main hip roof. Cupolas will be designed to allow updraft air and winds to vent outward, and shall measure three (3) feet by four (4) feet. All boathouse roofs shall be built with a minimum of a 2:1 roof pitch and will not have an overhang greater than 18-inches. Boathouses shall not incorporate a deck or platform.

- (5) Lighting. Interior lighting for a *boathouse* will be directed downward from the ceiling of the structure and at the stored watercraft. Exterior lighting for a *boathouse* will be directed downwards toward the fixed pier with light fixtures incorporated either into the roof's overhang or the structure's columns. Lighting shall not hinder an adjacent property owner's lake views, negatively impact surrounding residents with unwanted brightness or glare, or interfere with the safety of the traveling public.
- (6) Additional Construction Standards.
- (a) Deck Ladder. A deck ladder is permitted to be constructed inside a *boathouse*.
 - (b) Storage Unit. A *boathouse* can incorporate one (1) storage unit measuring 72-inches in length by 20-inches in depth by 20-inches in height. Storage units shall be placed on the outer dockside, and shall only be used for storing boat-related equipment. The storage of fossil fuels and/or hazardous materials is prohibited.
 - (c) Boat or Watercraft Lift(s). A *boathouse* must incorporate either one (1) regular boat lift or two (2) personal watercraft boat lifts. All boat or watercraft lifts must be able to hoist a watercraft above the 438.0-foot mean sea level contour, and be maintained in good operating condition. All watercrafts must be stored under the roof of the *boathouse*.
 - (d) Pilings. The approved pilings used to support a *boathouse* must be built up to at least 17-inches above the normal pool elevation of 435.5-foot mean sea level. Vertical rub rails are required on all concrete piers and pilings.
 - (e) Catwalks. The flat floor surface or catwalk for all structures must be no more and no less than 18-inches above the normal pool elevation of 435.5-foot mean sea level.
 - (f) Safety Reflectors. All structures shall be designed with safety reflectors to be clearly visible on three (3) sides on the main waterside of the end of the structure. Safety reflectors are required on either side of the main waterside end and the two (2) sides at a minimum increment of ten (10) feet starting at the structure's main waterside end and working back to the shoreline. Safety reflectors will be white, blue, or red and no less than three (3) inches in diameter or square in size, kept clean, firmly attached to the structure, and maintained in good condition.
- (7) Location. All *boathouses* are required to be located in the water of the *Lake*. View corridor restrictions do not apply to *boathouses*; however, a *boathouse* should generally be located in line with the primary structure on the leasing property (*i.e. generally centered on the lot*). *Boathouses* shall not be designed to prevent or restrict public access to any portion of water within the *Lake*.
- (f) Setback Requirements. A *boathouse* must adhere to the following setbacks:
- (1) Takeline Setback: 0-feet
 - (2) Leased Side Yard Setback: 10-feet
 - (3) Maximum Distance from Seawall: 40-feet
- (g) Additional Requirements.
- (1) Dredging. Dredging of the lake area is allowed for the berthing of a motorized boat into a *boathouse* provided that the dredging does not exacerbate shoreline erosion, lake siltation, water quality degradation, wetlands instability, or the integrity of any built structure, and the dredged channel is maintained for boating maneuverability to a depth of 425.0-foot mean sea level and a width area allowable for safe boating maneuverability. Property authorization to dredge must be obtained from the City of Rockwall, City of Dallas, US Army Corps of Engineers, and the Texas Parks and Wildlife Department. Disposal of dredging materials must be handled by a licensed establishment, properly treated and disposed of at an offsite location or disposed onsite only as part of land reclamation working under the City of Dallas guidelines and supervision.
 - (2) Compliance with Applicable Codes. A *boathouse* must comply with all other applicable City of Rockwall codes.
 - (3) Address. All *boathouses* shall have a residential street address sign with six (6) inch black letters on a white background displayed outwards towards the main body of the *Lake* to be recognizable for waterside public safety and emergency personnel.
 - (4) Easement Protection. No *boathouse* shall encroach into an existing or identified future easement, right-of-way, access road, or path.
- (h) Visual Representation.



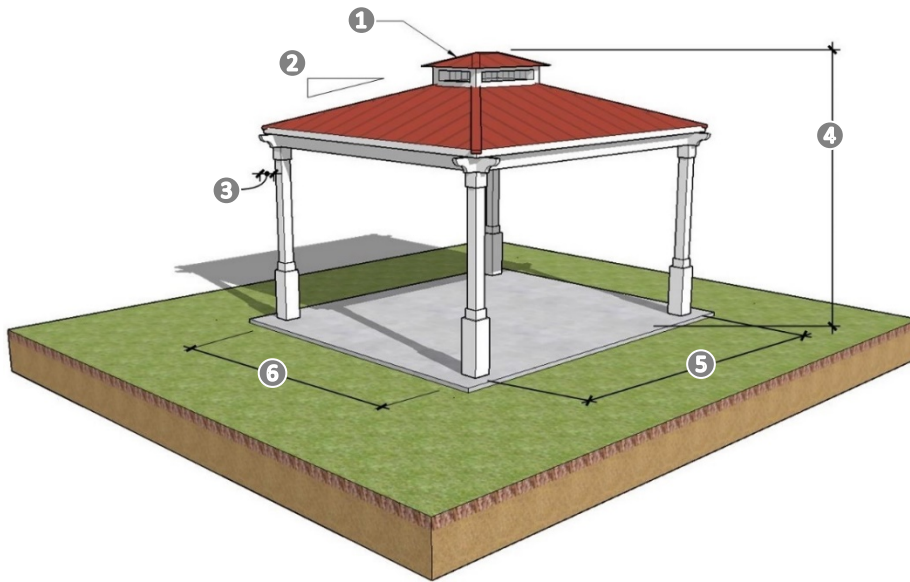
①: 40-FOOT MAXIMUM; ②: 13-FOOT MINIMUM TO 18-FOOT MAXIMUM; ③: 16-FOOT MINIMUM TO 21-FOOT MAXIMUM; ④: CATWALK (UNDERSTRUCTURE TO BE ABOVE THE 437.0-FOOT ELEVATION); ⑤: CUPOLA; ⑥: THREE (3) FEET BY FOUR (4) FEET; ⑦: 435.5-FOOT NORMAL POOL ELEVATION; ⑧: 1.5-FOOT MAXIMUM OVERHANG; ⑨: 2:1 ROOF PITCH (HIP ROOF ONLY); ⑩: SEAWALL.

(3) Covered Patio.

- (a) Definition. A covered patio is a standalone structure that provides shade and/or rain coverage for a patio or deck. Covered patios have a solid roof.
- (b) Prerequisites. A covered porch may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall and -- when constructing in the 435.5 Elevation Zone -- that has constructed a *seawall* along the entire length of the shoreline within the leased area.
- (c) Elevation Zone. A covered patio shall be allowed in the following zones:
 - (1) 438.0: Permitted.
 - (2) 435.5: Permitted (if a *Seawall* has been constructed).
 - (3) 425.5: Not Permitted.
- (d) Conditional Use Standards. A covered patio shall not be used as a habitable dwelling structure, storage facility, or shelter for domestic or wild animals.
- (e) Construction Standards.
 - (1) Building Materials. A covered porch must be constructed utilizing cedar, redwood, ironwood, composite materials (e.g. *wood composite or synthetic wood where natural timber fibers are mixed with a high-tech plastic material*), or metal. The roof of the structure should generally match the color of the roof on the primary structure, and be constructed using clay tiles, standing seam metal, slate shingles, concrete shingles, or ceramic shingles. Canvas, cloth, or mesh attachments to the structure shall be prohibited.
 - (2) Height. A covered patio shall not exceed a maximum height of 15-feet or one (1) story, and the roof shall not be used as a deck or lookout. The height shall be measured from grade to the mid-point of the pitched roof.
 - (3) Size. A covered patio shall not exceed a maximum size of 12-feet by 20-feet or 240 SF.
 - (4) Roof. A covered patio will have a hip or gable roof with either: [1] one (1) cupola with a hip roof centered at the top of the main hip roof, or [2] a clerestory built into the center of the main hip roof. Cupolas and clerestories will be designed to allow updraft air and winds to vent outward, and shall be proportional to the main roof. All covered patios should be built with a minimum of a 4:1 roof pitch. The roof shall not have an overhang greater than 18-inches.
 - (5) Location. A covered patio located within the 435.5 Elevation Zone shall generally be located in line with the primary structure on the leasing property. Covered patios shall not be placed in the view clear zone of a neighbor's view corridor.
- (f) Setback Requirements. A covered patio must adhere to the following setbacks:
 - (1) Takeline Setback: 0-Feet
 - (2) Leased Side Yard Setback: 20-Feet
- (g) Additional Requirements.
 - (1) Earth Work. Earth work required for the construction of a covered patio must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
 - (2) Compliance with Applicable Codes. A covered patio must comply with all other applicable City of Rockwall codes.

(3) Emergency Response. The *covered patio* shall not be located in an area where it would block public safety personnel and their vehicles from accessing or responding to emergencies or clearing the shoreline.

(h) Visual Representation.



1: CUPOLA OR CLERESTORY; 2: 4:1 MINIMUM ROOF PITCH; 3: 18-INCHES MAXIMUM OVERHANG; 4: 15-FOOT MAXIMUM HEIGHT; 5: 20-FOOT MAXIMUM; 6: 12-FOOT MAXIMUM;

(4) Deck.

(a) Definition. A *deck* is a roofless structure anchored to the ground that consists of planks running in a horizontal pattern and creating a flat surface area.

(b) Prerequisites. A *deck* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall and -- when constructing in the 435.5 Elevation Zone -- that has constructed a *seawall* along the entire length of the shoreline within the leased area.

(c) Elevation Zone. A *deck* shall be allowed in the following zones:

- (1) 438.0: Permitted.
- (2) 435.5: Permitted (if a *Seawall* has been constructed).
- (3) 425.5: Not Permitted (see *Dock Deck* in [Subsection 06.15\(J\)\(5\)](#)).

(d) Conditional Use Standards. A *deck* shall not incorporate walls or other none transparent structures to function as handrails or counter space.

(e) Construction Standards.

- (1) Building Materials. A *deck* must be constructed of composite materials (e.g. *wood composite* or *synthetic wood where natural timber fibers are mixed with a high-tech plastic material*). Handrails incorporated into the *deck* shall be made of wrought iron or decorative metal.
- (2) Height. A *deck* shall not exceed a maximum height of 24-inches above grade.
- (3) Size. A *deck* shall not exceed a maximum area of 1,000 SF.
- (4) Location. A *deck* located within the 435.5 Elevation Zone shall generally be located in line with the primary structure on the leasing property. *Decks* shall not be placed in the view clear zone of a neighbor's view corridor.
- (5) Foundation. A *deck* shall be anchored into the ground using concrete posts and footings as a foundation appropriate for the load and size of the proposed *deck*.

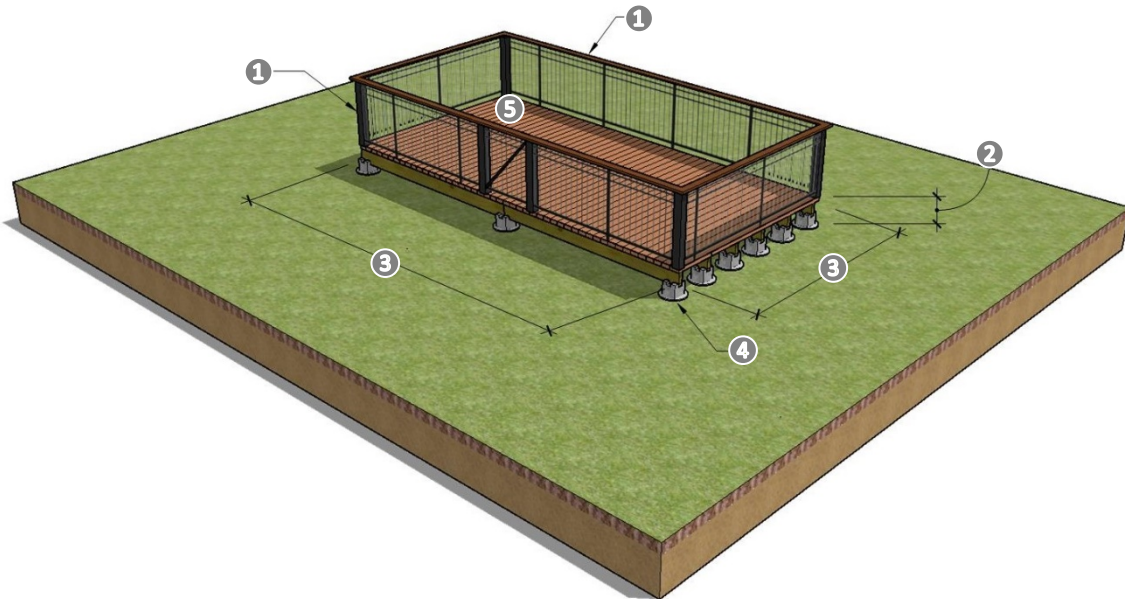
(f) Setback Requirements. A *deck* must adhere to the following setbacks:

- (1) Takeline Setback: 0-Feet
- (2) Leased Side Yard Setback: 20-Feet

(g) Additional Requirements.

- (1) Earth Work. Earth work required for the construction of a *deck* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
- (2) Compliance with Applicable Codes. A *deck* must comply with all other applicable City of Rockwall codes.
- (3) Emergency Response. The *deck* shall not be located in an area where it would block public safety personnel and their vehicles from accessing or responding to emergencies or clearing the shoreline.

(h) Visual Representation.

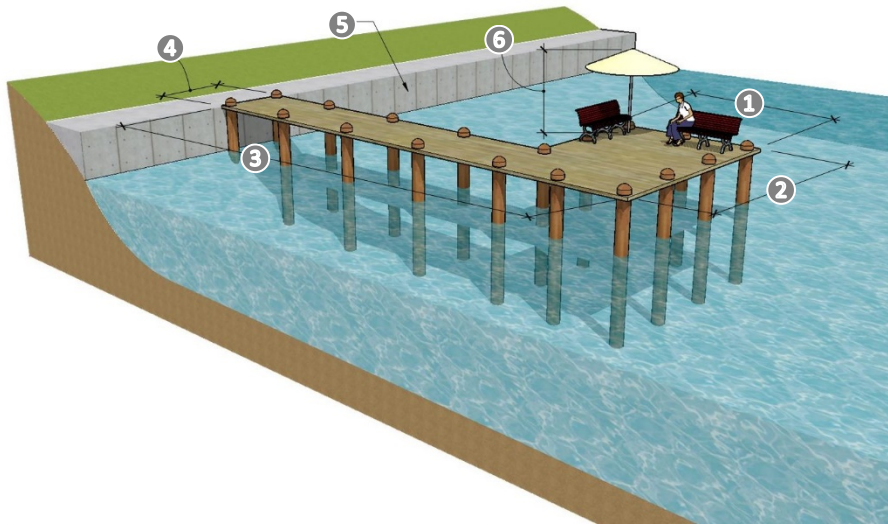


1: WROUGHT IRON OR DECORATIVE METAL; 2: MAXIMUM OF 24-INCHES OR TWO (2) FEET ABOVE GRADE; 3: (L) X (W) SHALL NOT BE GREATER THAN 1,000 SF; 4: CONCRETE POSTS AND FOOTINGS FOR FOUNDATION; 5: COMPOSITE DECKING MATERIALS.

(5) Dock Deck.

- (a) Definition. A *dock deck* is a flat floor surface area built over the water adjoining the end of a *fixed pier*.
- (b) Prerequisites. A *dock deck* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall, has constructed a *seawall* along the entire length of the shoreline within the leased area, and has constructed *fixed pier*.
- (c) Elevation Zone. A *dock deck* shall be allowed in the following zones:
 - (1) 438.0: Not Permitted.
 - (2) 435.5: Not Permitted.
 - (3) 425.5: Permitted.
- (d) Conditional Use Standards. Items that can be securely attached to the edge of a *dock deck* include the following: [1] a personal watercraft swing lift, [2] benches, [3] dock deck lighting that is either embedded in or on a pole, [4] locker box, and/or [5] power source station. A table may also be placed on the edge or in the center of a *dock deck*. A watercraft is only allowed to moor at any portion of a *dock deck* for no more that 156-consecutive hours during any given week. All *dock decks* shall be designed to discourage swimming, be durable, and have a base foundation construction of approved piling piers placed to a depth decided by a structural engineer; however, a *dock deck* shall not be designed to prevent public access to an area of water. *Dock decks* shall also be designed to be clearly visible during all seasons of the year and fluctuations in pool elevation of the *Lake*. Accessories placed on the flat surface of a *dock deck* or catwalk must be placed in an orderly manner that allows for the safe movement of people.
- (e) Construction Standards.
 - (1) Building Materials. The catwalk and/or *dock deck* and any benches built on these structures shall utilize only composite materials (e.g. wood composite or synthetic wood where natural timber fibers are mixed with a high-tech plastic material). Any railings built on a dock deck shall be constructed of composite materials (e.g. wood composite or synthetic wood where natural timber fibers are mixed with a high-tech plastic material) or steel tubing railings. *Dock decks* above 437.0 feet mean sea level are required to be constructed of metal pilings, concrete pilings, or plastic PVC pilings. *Dock decks* constructed below 437.0 feet mean sea level must use only pilings and materials approved by the City of Dallas as specified in the City of Dallas' *Construction Permit Application Lake Structures Lake Ray Hubbard*. All pilings shall be engineered and approved to handle the pressures, stresses, and loads applicable to lakefront conditions. The exterior color of all *dock decks* shall be a neutral or earth tone color and be subject to approval by the Planning and Zoning Department at the time of building permit. All fasteners binding materials together must be made of stainless steel. Water repellent sealants shall not be used.

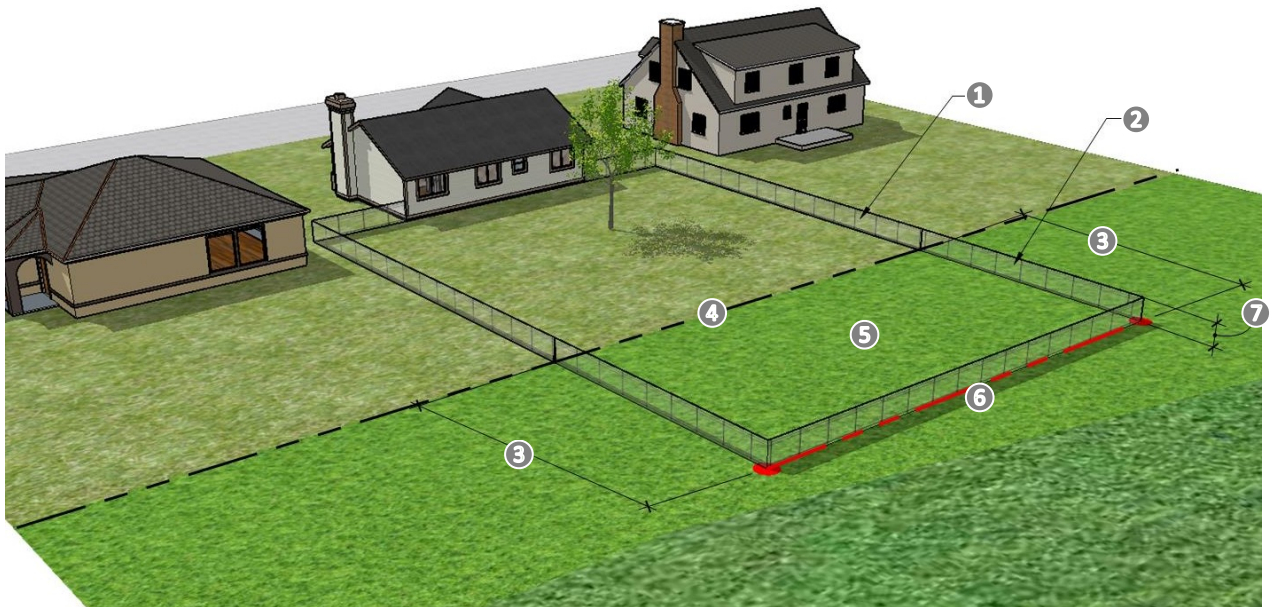
- (2) Height. No pole structures incorporated into a *dock deck* shall be higher than eight (8) feet above the flat floor surface with no more than four (4) pole structures allowed.
- (3) Size. The footprint of the exterior sides of a *dock deck* adjoining a fixed pier shall be a minimum of eight (8) feet by ten (10) feet (*i.e.* 80 SF) and a maximum of 12-feet by 30-feet (*i.e.* 360 SF). *Dock decks* shall not extend more than 40-linear feet into the water as measured from the normal pool elevation of the shoreline (*i.e.* 435.5).
- (4) Lighting. Lighting shall not hinder an adjacent property owner's lake views, negatively impact surrounding residents with unwanted brightness or glare, or interfere with the safety of the traveling public. Safety lighting may be placed onto the interior edges of the flat floor surface of a *dock deck* at ten (10) foot increments, with the cover housing the lighting source no higher than six (6) inches. Two (2) light post structures with a maximum height of eight (8) feet can be placed along the periphery of a *dock deck*.
- (5) Additional Construction Standards.
 - (a) Pilings. The approved pilings used to support a boathouse must be built up to at least 17-inches above the normal pool elevation of 435.5-foot mean sea level. Vertical rub rails are required on all concrete piers and pilings.
 - (b) Catwalks. The flat floor surface or catwalk for all structures must be no more and no less than 18-inches above the normal pool elevation of 435.5-foot mean sea level.
 - (c) Safety Reflectors. All structures shall be designed with safety reflectors to be clearly visible on three (3) sides on the main waterside of the end of the structure. Safety reflectors are required on either side of the main waterside end and the two (2) sides at a minimum increment of ten (10) feet starting at the structure's main waterside end and working back to the shoreline. Safety reflectors will be white, blue, or red and no less than three (3) inches in diameter or square in size, kept clean, firmly attached to the structure, and maintained in good condition.
- (6) Location. View corridor restrictions do not apply to *dock decks*. *Dock decks* shall not be allowed on land.
- (f) Setback Requirements. A *dock deck* must adhere to the following setbacks:
 - (1) Takeline Setback: 0-feet
 - (2) Leased Side Yard Setback: 10-feet
 - (3) Maximum Distance from Seawall: 40-feet
- (g) Additional Requirements.
 - (1) Dredging. Dredging of the lake area is allowed for the berthing of a motorized boat into a *dock deck* provided that the dredging does not exacerbate shoreline erosion, lake siltation, water quality degradation, wetlands instability, or the integrity of any built structure, and the dredged channel is maintained for boating maneuverability to a depth of 425.0-foot mean sea level and a width area allowable for safe boating maneuverability. Property authorization to dredge must be obtained from the City of Rockwall, City of Dallas, US Army Corps of Engineers, and the Texas Parks and Wildlife Department. Disposal of dredging materials must be handled by a licensed establishment, properly treated and disposed of at an offsite location or disposed onsite only as part of land reclamation working under the City of Dallas guidelines and supervision.
 - (2) Compliance with Applicable Codes. A *dock deck* must comply with all other applicable City of Rockwall codes.
 - (3) Address. All *dock decks* shall have a residential street address sign with six (6) inch black letters on a white background displayed outwards towards the main body of the *Lake* to be recognizable for waterside public safety and emergency personnel.
 - (4) Easement Protection. No *dock deck* shall encroach into an existing or identified future easement, right-of-way, access road, or path.
- (h) Visual Representation.



1: MINIMUM OF TEN (10) FEET AND A MAXIMUM OF 30-FEET; 2: MINIMUM OF EIGHT (8) FEET AND A MAXIMUM OF 12-FEET; 3: 40-FOOT MAXIMUM; 4: SIX (6) FOOT MAXIMUM; 5: SEAWALL; 6: EIGHT (8) FOOT MAXIMUM;

(6) Fence.

- (a) Definition. A *fence* is a barrier, railing, or other upright structure, enclosing a specific area to mark a boundary or control access.
- (b) Prerequisites. A *fence* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall.
- (c) Elevation Zone. A *fence* shall be allowed in the following zones:
 - (1) 438.0: Permitted.
 - (2) 435.5: Not Permitted.
 - (3) 425.5: Not Permitted.
- (d) Conditional Use Standards. A *fence* shall only be allowed to enclose an area beginning at the *Takeline* corners (i.e. the rear property line corners of the property leasing the take area), extending 45-feet along the lease line, and connecting the two (2) points in a straight line (see example below).

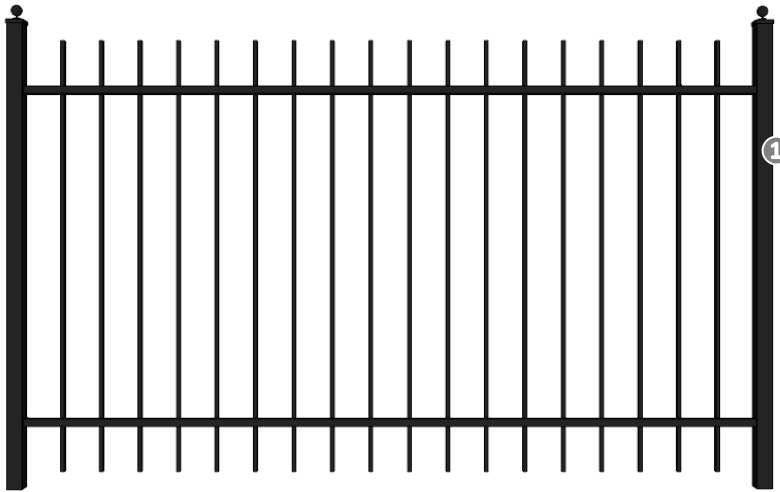


1: EXISTING RESIDENTIAL FENCE ON THE LEASING PROPERTY; 2: WROUGHT IRON OR BLACK TUBULAR STEEL FENCE; 3: MAXIMUM OF 45-FOET ALONG THE LEASE LINE OF THE TAKELINE; 4: REAR PROPERTY LINE/BEGINNING OF THE TAKELINE; 5: 438.0 ELEVATION ZONE; 6: THE STRAIGHT-LINE CONNECTION BETWEEN THE TWO (2), 45-FOOT POINTS; 7: MAXIMUM OF 48-INCHES OR FOUR (4) FEET.

(e) Construction Standards.

- (1) Building Materials. A *fence* shall only be constructed of wrought iron or black tubular steel.

- (2) Height. A fence shall not exceed a maximum height of 48-inches from grade.
 - (3) Location. A fence shall not be placed in the view clear zone of a neighbor's view corridor.
- (f) Setback Requirements. A fence must adhere to the following setbacks:
- (1) Takeline Setback: 0-Feet
 - (2) Leased Side Yard Setback: 0-Feet
- (g) Additional Requirements.
- (1) Earth Work. Earth work required for the construction of a fence must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
 - (2) Compliance with Applicable Codes. A fence must comply with all other applicable City of Rockwall codes.
- (h) Visual Representation.



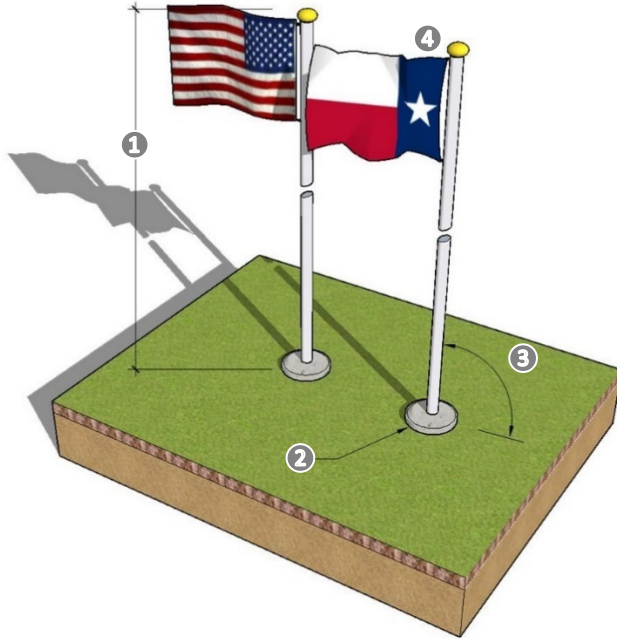
1: FOUR (4) FOOT WROUGHT IRON FENCE

- (7) Flagpole.
- (a) Definition. A *flagpole* is an upright pole or staff, constructed at a 90-degree angle to the finished grade, which is used to raise a flag.
 - (b) Prerequisites. A *flagpole* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall and -- *when constructing in the 435.5 Elevation Zone* -- that has constructed a *seawall* along the entire length of the shoreline within the leased area.
 - (c) Elevation Zone. A *flagpole* shall be allowed in the following zones:
 - (1) 438.0: Permitted.
 - (2) 435.5: Permitted (*if a Seawall has been constructed*).
 - (3) 425.5: Not Permitted.
 - (d) Conditional Use Standards. A maximum of two (2) *flagpoles*, with one (1) flag on each pole shall be permitted within a lease area. The United States of America and State of Texas flags measuring a maximum of six (6) feet by four (4) feet will be the only flags permitted to be flown along the takeline. Lighting in association with a flagpole shall be prohibited.
 - (e) Construction Standards.
 - (1) Building Materials. A *flagpole* shall *only* be constructed of either stainless steel or aluminum.
 - (2) Height. A *flagpole* shall not exceed a maximum height of 20-feet from grade.
 - (3) Size. At the ground base a *flagpole* shall measure a minimum size of five (5) inches and a maximum size of eight (8) inches.
 - (4) Location. A *flagpole* located within the *435.5 Elevation Zone* shall generally be located in line with the primary structure on the leasing property. *Flagpoles* shall not be placed in the view clear zone of a neighbor's view corridor.
 - (f) Setback Requirements. A *flagpole* must adhere to the following setbacks:
 - (1) Takeline Setback: 0-Feet
 - (2) Leased Side Yard Setback: 6-Feet

(g) Additional Requirements.

- (1) Earth Work. Earth work required for the construction of a *flagpole* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
- (2) Compliance with Applicable Codes. A *flagpole* must comply with all other applicable City of Rockwall codes.
- (3) Emergency Response. The *flagpole* shall not be located in an area where it would block public safety personnel and their vehicles from accessing or responding to emergencies or clearing the shoreline.

(h) Visual Representation.



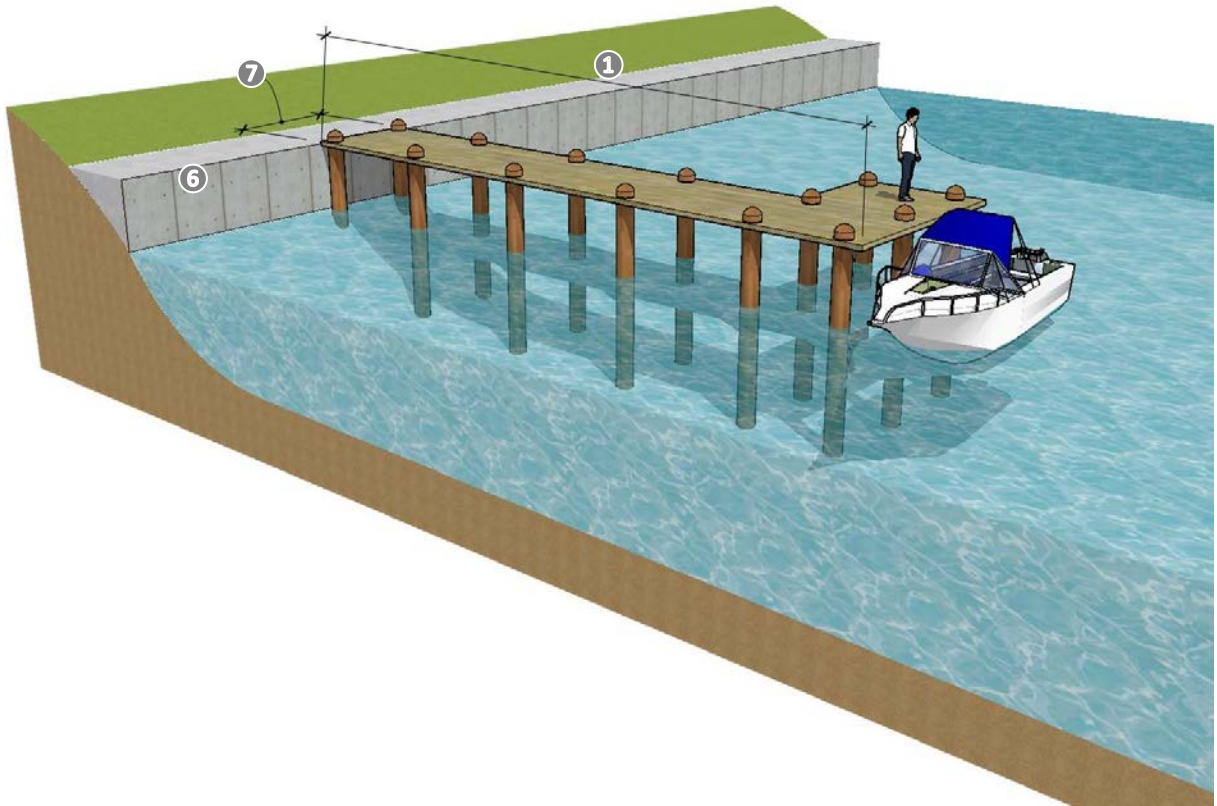
①: MAXIMUM OF 20- FEET FROM GRADE; ②: AT THE BASE THE FLAGPOLE CAN BE A MINIMUM OF FIVE (5) INCHES AND A MAXIMUM OF EIGHT (8) INCHES; ③: MAINTAINED TO BE 90-DEGREES FROM GRADE; ④: FLAGPOLES ARE PERMITTED ONE (1) FLAG A MAXIMUM OF FOUR (4) FEET BY SIX (6) FEET;

(8) Fixed Pier.

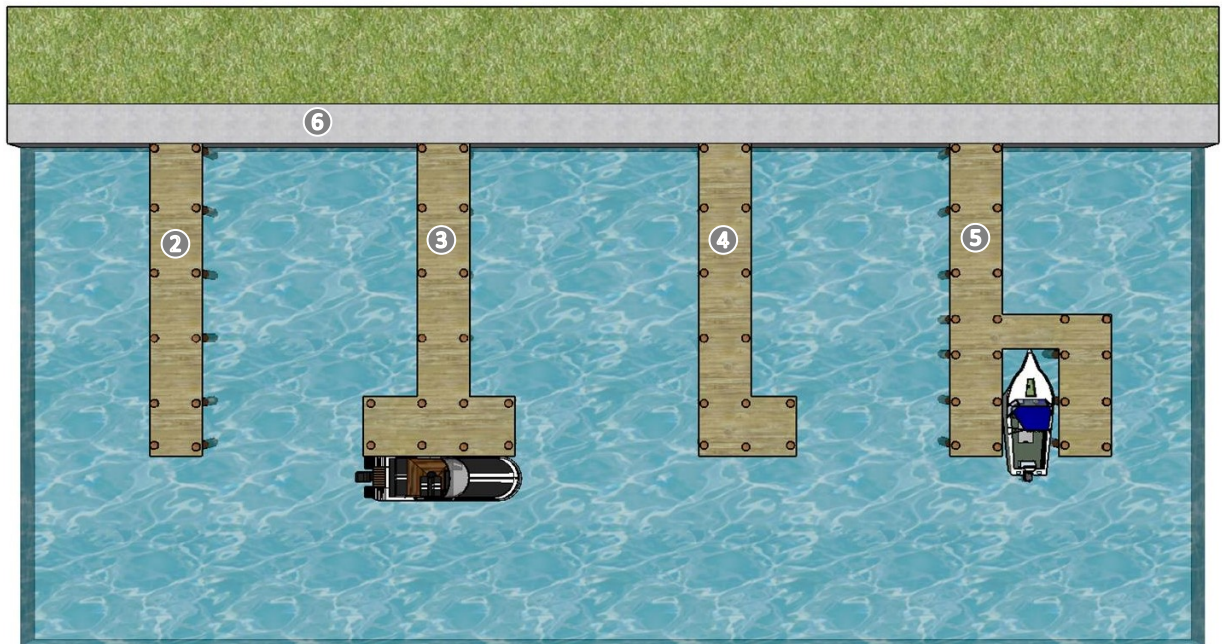
- (a) Definition. A *fixed pier* is a structure with a catwalk that extends from the shoreline out into the body of water with the structure being used to moor and land watercraft.
- (b) Prerequisites. A *fixed pier* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall, and has constructed a *seawall* along the entire length of the shoreline within the leased area.
- (c) Elevation Zone. A *fixed pier* shall be allowed in the following zones:
 - (1) 438.0: Not Permitted.
 - (2) 435.5: Not Permitted.
 - (3) 425.5: Permitted.
- (d) Conditional Use Standards. Each eligible property adjacent to the takeline will be permitted one (1) fixed pier with an adjoining dock deck and/or boathouse. *Fixed piers* can be designed to be in an 'I', 'T', 'L' or 'U' shape (see [Subsection 06.15\(J\)\(8\)\(h\)](#)). Items that can be securely attached to the edge of a *dock deck* include the following: [1] a personal watercraft swing lift, [2] benches, [3] cleats, [4] dock lighting, [5] locker box, and/or [6] power source station. A watercraft is only allowed to moor at any portion of a *fixed pier* for no more that 156-consecutive hours during any given week. All *fixed pier* shall be designed to discourage swimming, be durable, and have a base foundation construction of approved piling piers placed to a depth decided by a structural engineer; however, a *fixed pier* shall not be designed to prevent public access to an area of water. *Fixed piers* shall also be designed to be clearly visible during all seasons of the year and fluctuations in pool elevation of the *Lake*. Accessories placed on the flat surface of a catwalk of a *fixed pier* must be placed in an orderly manner that allows for the safe movement of people.
- (e) Construction Standards.
 - (1) Building Materials. The catwalk and any benches built on these structures shall utilize only composite materials (e.g. *wood composite or synthetic wood where natural timber fibers are mixed with a high-tech plastic material*). Any railings built on a *fixed pier* shall be constructed of composite materials (e.g. *wood composite or synthetic wood where natural timber fibers are mixed*

with a high-tech plastic material) or steel tubing railings. *Fixed piers* above 437.0 feet mean sea level are required to be constructed of metal pilings, concrete pilings, or plastic PVC pilings. *Fixed piers* constructed below 437.0 feet mean sea level must use only pilings and materials approved by the City of Dallas as specified in the City of Dallas' *Construction Permit Application Lake Structures Lake Ray Hubbard*. All pilings shall be engineered and approved to handle the pressures, stresses, and loads applicable to lakefront conditions. The exterior color of all *fixed piers* shall be a neutral or earth tone color and be subject to approval by the Planning and Zoning Department at the time of building permit. All fasteners binding materials together must be made of stainless steel. Water repellant sealants shall not be used.

- (2) Height. No pole structures incorporated into a *fixed pier* shall be higher than eight (8) feet above the flat floor surface with no more than two (2) pole structures allowed.
- (3) Size. The catwalk of a *fixed pier* will be a maximum of six (6) feet in width, as measured at a 90-degree angle to the main *fixed pier's* length, and will not enclose any portion of the water to allow the free movement of water underneath. *Fixed piers* shall not extend more than 40-linear feet into the water as measured from the normal pool elevation of the shoreline (i.e. 435.5).
- (4) Lighting. Lighting shall not hinder an adjacent property owner's lake views, negatively impact surrounding residents with unwanted brightness or glare, or interfere with the safety of the traveling public. Safety lighting may be placed onto the interior edges of the flat floor surface of the catwalk of a *fixed pier* at ten (10) foot increments, with the cover housing the lighting source no higher than six (6) inches. Two (2) light post structures with a maximum height of eight (8) feet can be placed at the end of a *fixed pier*.
- (5) Additional Construction Standards.
 - (a) Pilings. The approved pilings used to support a boathouse must be built up to at least 17-inches above the normal pool elevation of 435.5-foot mean sea level. Vertical rub rails are required on all concrete piers and pilings.
 - (b) Catwalks. The catwalk of a *fixed pier* will be allowed within nine (9) feet of the normal pool elevation of 435.5-foot mean sea level. The flat floor surface or catwalk for all structures must be no more and no less than 18-inches above the normal pool elevation of 435.5-foot mean sea level.
 - (c) Safety Reflectors. All structures shall be designed with safety reflectors to be clearly visible on three (3) sides on the main waterside end of the end of the structure. Safety reflectors are required on either side of the main waterside end and the two (2) sides at a minimum increment of ten (10) feet starting at the structure's main waterside end and working back to the shoreline. Safety reflectors will be white, blue, or red and no less than three (3) inches in diameter or square in size, kept clean, firmly attached to the structure, and maintained in good condition.
- (6) Location. View corridor restrictions do not apply to *fixed piers*.
- (f) Setback Requirements. A *fixed pier* must adhere to the following setbacks:
 - (1) Takeline Setback: 0-feet
 - (2) Leased Side Yard Setback: 10-feet
 - (3) Maximum Distance from Seawall: 40-feet
- (g) Additional Requirements.
 - (1) Dredging. Dredging of the lake area is allowed for the berthing of a motorized boat into a *fixed pier* provided that the dredging does not exacerbate shoreline erosion, lake siltation, water quality degradation, wetlands instability, or the integrity of any built structure, and the dredged channel is maintained for boating maneuverability to a depth of 425.0-foot mean sea level and a width area allowable for safe boating maneuverability. Property authorization to dredge must be obtained from the City of Rockwall, City of Dallas, US Army Corps of Engineers, and the Texas Parks and Wildlife Department. Disposal of dredging materials must be handled by a licensed establishment, properly treated and disposed of at an offsite location or disposed onsite only as part of land reclamation working under the City of Dallas guidelines and supervision.
 - (2) Compliance with Applicable Codes. A *fixed pier* must comply with all other applicable City of Rockwall codes.
 - (3) Address. All *fixed pier* shall have a residential street address sign with six (6) inch black letters on a white background displayed outwards towards the main body of the *Lake* to be recognizable for waterside public safety and emergency personnel.
 - (4) Easement Protection. No *fixed pier* shall encroach into an existing or identified future easement, right-of-way, access road, or path.
- (h) Visual Representation.



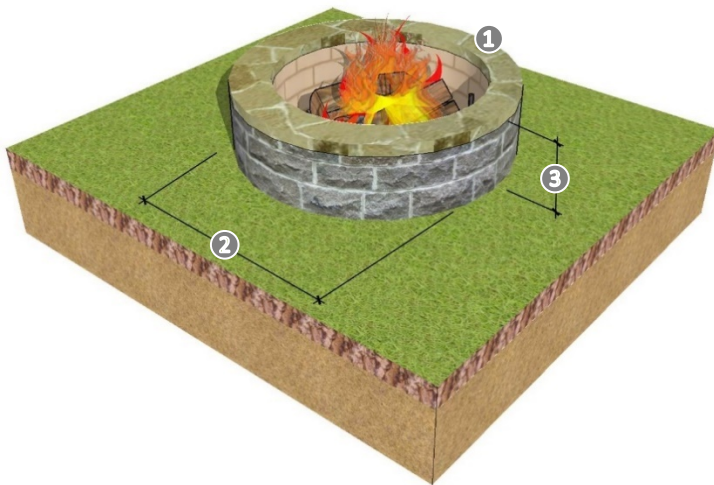
①: 40-FOOT MAXIMUM; ②: PIER IN AN 'I' SHAPE; ③: PIER IN 'T' SHAPE; ④: PIER IN A 'L' SHAPE; ⑤: PIER IN A 'U' SHAPE; ⑥: SEAWALL; ⑦: SIX (6) FOOT MAXIMUM



(9) *Fire Pit.*

- (a) *Definition.* A fire pit is a permanent fireplace that is dug into the ground or is in a freestanding structure in which a contained fire is made.
- (b) *Prerequisites.* A fire pit may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall.
- (c) *Elevation Zone.* A fire pit shall be allowed in the following zones:
 - (1) 438.0: Permitted.
 - (2) 435.5: Permitted (if a *Seawall* has been constructed).

- (3) 425.5: Not Permitted.
- (d) Conditional Use Standards. A *fire pit* can only be fueled by charcoal and wood products, and shall not be fueled by any permanently buried gas products (i.e. *natural gas or propane*).
- (e) Construction Standards.
- (1) Building Materials. The surround (i.e. *the area used to contain the fire*) for a *fire pit* must be constructed utilizing a combination of natural stone, brick, and/or concrete.
 - (2) Height. A *fire pit* shall not exceed a maximum of 36-inches in height.
 - (3) Size. A *fire pit* shall not be smaller than a minimum size of three (3) feet in length by three (3) feet in width; however, a *fire pit* should not exceed a maximum size of five (5) feet in length by five (5) feet in width.
- (f) Setback Requirements. A *fire pit* must adhere to the following setbacks:
- (1) Takeline Setback: 0-Feet
 - (2) Leased Side Yard Setback: 6-Feet
- (g) Additional Requirements.
- (1) Earth Work. Earth work required for the construction of a *fire pit* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
 - (2) Compliance with Applicable Codes. A *fire pit* must comply with all other applicable City of Rockwall codes.
- (h) Visual Representation.



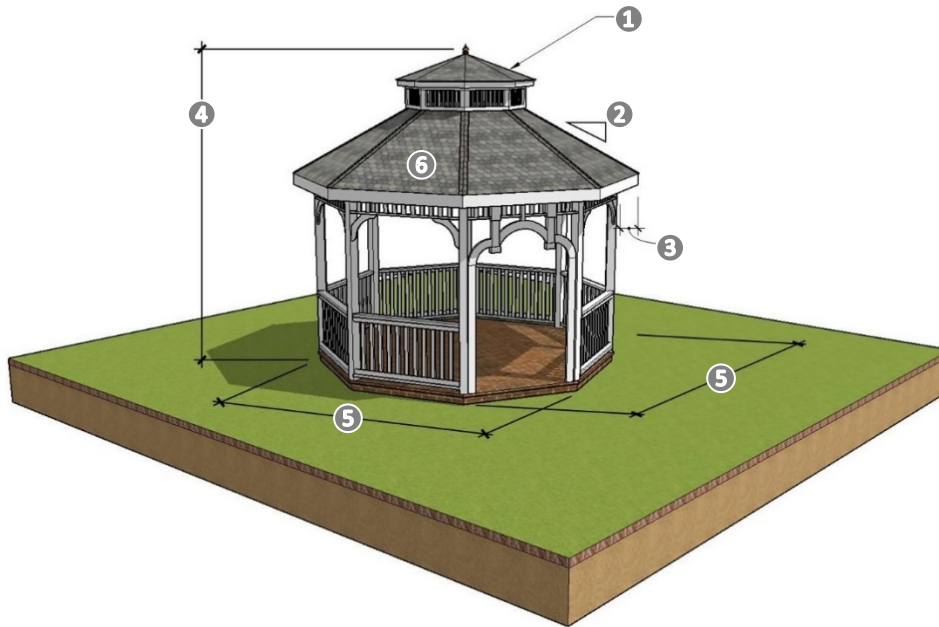
❶: NATURAL STONE, BRICK, AND/OR CONCRETE; ❷: MINIMUM SIZE OF THREE (3) FEET BY THREE (3) FEET AND A MAXIMUM SIZE OF FIVE (5) FEET BY FIVE (5) FEET; ❸: MAXIMUM HEIGHT OF 36-INCHES OR THREE (3) FEET.

(10) Gazebo.

- (a) Definition. A *gazebo* is a permanent stand-alone structure with a roof and trellis structure open on all sides with places for sitting.
- (b) Prerequisites. A *gazebo* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall and -- *when constructing in the 435.5 Elevation Zone* -- that has constructed a *seawall* along the entire length of the shoreline within the leased area.
- (c) Elevation Zone. A *gazebo* shall be allowed in the following zones:
 - (1) 438.0: Permitted.
 - (2) 435.5: Permitted (*if a Seawall has been constructed*).
 - (3) 425.5: Not Permitted.
- (d) Conditional Use Standards. A *gazebo* shall not be used as a habitable dwelling structure, storage facility, deck, or shelter for domestic or wild animals.
- (e) Construction Standards.
 - (1) Building Materials. A *gazebo* built in the *438.0 Elevation Zone* must be constructed utilizing cedar, redwood, ironwood, composite materials (e.g. *wood composite or synthetic wood where natural timber fibers are mixed with a high-tech plastic material*), or

metal. The side trellis of the *gazebo* may be built using wood; however, canvas, cloth, or mesh attachments to the structure shall be prohibited. A *gazebo* built in the 435.5 Elevation Zone shall only be built out of composite materials (e.g. wood composite or synthetic wood where natural timber fibers are mixed with a high-tech plastic material), or metal. A *gazebo* will be constructed using steel reinforced concrete piers.

- (2) Height. A *gazebo* shall not exceed a maximum height of 15-feet without a clerestory and 18-feet with a clerestory/cupola. The height of the *gazebo* shall be measured from grade to the vertex of the *gazebo*'s main roof or clerestory/cupola roof. In either case a *gazebo* shall not be larger than one (1) story or incorporate a balcony.
 - (3) Size. A *gazebo* shall not exceed a maximum size of 12-feet by 12-feet or 144 SF.
 - (4) Roof. The roof of the *gazebo* shall be a hipped roof, gable roof, or hip and/or gable roof with or without a clerestory/cupola, and have a slope of 2:1. The roof shall not have an overhang greater than 18-inches. In addition, the roof of the *gazebo* can match the roof of the primary structure on the leasing property; otherwise, the roof shall be built out of a prefinished standing seam galvanized metal roof. If a clerestory/cupola is incorporated it shall be centered at the top of the main hip roof.
 - (5) Location. A *gazebo* located within the 435.5 Elevation Zone shall generally be located in line with the primary structure on the leasing property. *Gazebos* shall not be placed in the view clear zone of a neighbor's view corridor.
- (f) Setback Requirements. A *gazebo* must adhere to the following setbacks:
- (1) Takeline Setback: 0-Feet
 - (2) Leased Side Yard Setback: 20-Feet
- (g) Additional Requirements.
- (1) Earth Work. Earth work required for the construction of a *gazebo* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
 - (2) Compliance with Applicable Codes. A *gazebo* must comply with all other applicable City of Rockwall codes.
 - (3) Emergency Response. The *gazebo* shall not be located in an area where it would block public safety personnel and their vehicles from accessing or responding to emergencies or clearing the shoreline.
- (h) Visual Representation.



1: CUPOLA OR CLERESTORY; 2: 2:1 MINIMUM ROOF PITCH; 3: 1.5-FOOT MAXIMUM OVERHANG; 4: 18-FOOT MAXIMUM HEIGHT WITH A CUPOLA OR CLERESTORY AND 15-FOOT WITHOUT A CUPOLA OR CLERESTORY; 5: 12-FOOT MAXIMUM; 6: ROOF CAN MATCH THE PRIMARY STRUCTURE OTHERWISE THE ROOF SHALL BE STANDING SEAM METAL.

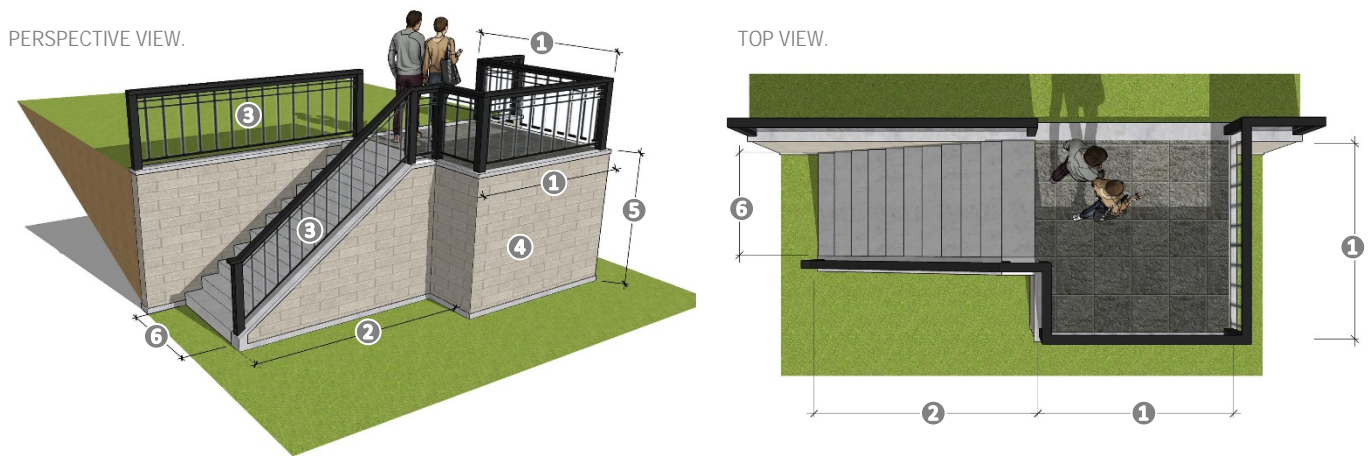
(11) Landing and Stairs.

- (a) Definition. A *landing* is the area of a floor near the top or bottom step of a stair. A *stair* is a set of steps leading from one floor of an area to another.
- (b) Prerequisites. A *landing and stairs* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall and -- when constructing in the 435.5 or 425.5 Elevation Zones -- that has constructed a *seawall* along the entire length of the shoreline within the leased area.
- (c) Elevation Zone. A *landing and stairs* shall be allowed in the following zones:

- (1) 438.0: Permitted.
- (2) 435.5: Permitted (if a Seawall has been constructed).
- (3) 425.5: Permitted (if a Seawall has been constructed).

NOTE: A landing and stairs located in the 425.5 Elevation Zone is permitted beside the lake but not upon or over the lake.

- (d) Conditional Use Standards. A landing and stairs shall be allowed to be constructed in conjunction with a retaining wall if the retaining wall exceeds three (3) feet in height measured from the adjacent grade to the top of the wall.
- (e) Construction Standards.
 - (1) Building Materials. A landing and stairs shall be constructed of wrought iron or black tubular steel, natural stone, brick, and/or concrete.
 - (2) Height. A landing and stairs shall not exceed the height of the adjacent retaining wall.
 - (3) Size. A landing and stairs shall be limited to eight (8) feet by eight (8) feet measured at the top of the adjacent retaining wall and the staircase shall be parallel to the retaining wall with a maximum width of a six (6) foot projection from the wall.
 - (4) Location. A landing and stairs shall not be placed in the view clear zone of a neighbor's view corridor.
- (f) Setback Requirements. A landing and stairs must adhere to the following setbacks:
 - (1) Takeline Setback: 0-Feet
 - (2) Leased Side Yard Setback: 5-Feet
- (g) Additional Requirements.
 - (1) Earth Work. Earth work required for the construction of a landing and stairs must comply with the erosion control standards set forth in the Interlocal Lease Agreement.
 - (2) Compliance with Applicable Codes. A landing and stairs must comply with all other applicable City of Rockwall codes.
- (h) Visual Representation.



①: MINIMUM OF EIGHT (8) FOOT BY EIGHT (8) FOOT LANDING; ②: VARIABLE LENGTH STAIRCASE; ③: WROUGHT IRON OR BLACK TUBLAR STEEL; ④: NATURAL STONE, BRICK, OR CONCRETE MATCHING THE RETAINING WALL; ⑤: VARIABLE HEIGHT BUT A MINIMUM OF THREE (3) FEET; ⑥: MAXIMUM OF SIX (6) FEET.

(12) Landscaping and Retaining Walls.

- (a) Definition. Landscaping is the minor modification or altering of the surrounding takeline area terrain and shoreline with trees, shrubs, ground cover, and native stone or interlocking retaining walls.
- (b) Prerequisites. Landscaping and retaining walls may only be constructed on a property that has a valid Residential Sublease Agreement from the City of Rockwall.
- (c) Elevation Zone. Landscaping and retaining walls shall be allowed in the following zones:
 - (1) 438.0: Permitted.
 - (2) 435.5: Permitted.
 - (3) 425.5: Not Permitted.

NOTE: Remedial *landscaping* in the 425.5 Zone is permitted when the intent is to maintain the integrity of the shoreline. This will require the approval of the Director of Parks and Recreation.

(d) Conditional Use Standards. *Landscaping and retaining walls* shall compliment and be integrated into the existing woodlands, wetlands, and general aesthetic of the takeline area. *Landscaping* shall not consist of hedge or shrub rows, or any plantings that may restrict views or lead to the siltation and/or erosion of the shoreline. The use of pesticides, herbicides, fungicides, or preservatives is strictly prohibited. All landscaping must comply with the requirements of [Article 08, Landscaping and Fence Standards, of the Unified Development Code \(UDC\)](#). For information regarding planting or removing trees see [Subsection \(F\)\(4\)](#) above.

(e) Construction Standards.

(1) Building Materials. *Retaining walls* shall be finished in native stone and will only be allowed in the 438.0 Elevation Zone and the 435.5 Elevation Zone. The use of mulch is prohibited in all zones with the exception of the 438.0 Elevation Zone. The use of railroad ties, treated wood, pea gravel -- *with the exception of using it as a base* --, and brick shall be prohibited.

(2) Height. *Retaining walls* as part of landscaping will be limited to less than three (3) feet.

(3) Location. *Landscaping and retaining walls* shall not hinder the view clear zone of an adjacent neighbor's view corridor. *Landscaping* shall not exceed six (6) feet in height in the view clear zone.

(f) Setback Requirements. *Retaining walls* must adhere to the following setbacks:

(1) Takeline Setback: 0-Feet

(2) Leased Side Yard Setback: 6-Feet

(g) Additional Requirements.

(1) Earth Work. Earth work required for the construction of *landscaping and retaining walls* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.

(2) Compliance with Applicable Codes. *Landscaping and retaining walls* must comply with all other applicable City of Rockwall codes.

(3) Emergency Response. *Landscaping and retaining walls* shall not be located in an area where it would block public safety personnel and their vehicles from accessing or responding to emergencies or clearing the shoreline.

(13) Municipal Utilities.

(a) Definition. *Municipal utilities* represent all local utilities that consist of cable lines, pipelines, and wiring already existing and planned running through the take area used by both the local community and the region's communities to facilitate the distribution and collection of communications, water, electricity, natural gas, and waste byproducts.

(b) Elevation Zone. *Municipal utilities* shall be allowed in the following zones:

(1) 438.0: Permitted.

(2) 435.5: Permitted.

(3) 425.5: Permitted.

(c) Conditional Use Standards. All *municipal utilities'* infrastructure is permitted within the take area. *Municipal utilities* shall be placed underground.

(d) Setback Requirements. *Municipal utilities* must adhere to the following setbacks:

(1) Takeline Setback: 0-Feet

(2) Leased Side Yard Setback: 0-Feet

(e) Additional Requirements.

(1) Compliance with Applicable Codes. *Municipal utilities* must comply with all other applicable City of Rockwall codes.

(14) Outdoor Lighting.

(a) Definition. *Outdoor lighting* is a structure or system of structures, fixtures, and/or devices used to provide artificial nighttime lighting over a defined broad area, on buildings and monuments, on docks for safety, and to emphasize landscaping but not directed to the detriment of the traveling public or surrounding residents in the light's path.

(b) Prerequisites. *Outdoor lighting* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall.

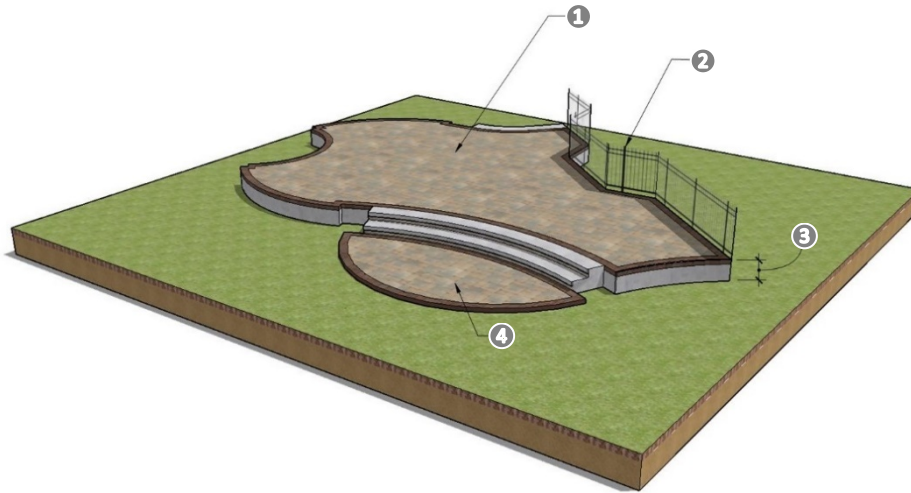
(c) Elevation Zone. *Outdoor lighting* shall be allowed in the following zones:

- (1) 438.0: Permitted.
- (2) 435.5: Not Permitted.
- (3) 425.5: Not Permitted.

NOTE: Catwalk lighting in the 425.5 Elevation Zone is the only permitted *outdoor lighting* allowed below the 438.0 Elevation Zone.

- (d) Conditional Use Standards. Systems and structures associated with *outdoor lighting* include artificial landscape lighting, dock lighting, monument lighting, and flood lights. Cobra and florescent light fixtures are *not* allowed on poled structures. All lights are to have shields which deflect light downward. The operation of search or spot lighting shall be prohibited.
 - (e) Photometric Plan. A photometric plan describing compliance with the provisions of [Article 07, Performance Standards, of the Unified Development Code \(UDC\)](#) shall be submitted to the Director of Planning and Zoning or his/her designee prior to the issuance of a building permit for *outdoor lighting*. This plan shall be prepared by an appropriate lighting professional (e.g. *lighting engineer, architect, or other qualified lighting designer*). Upon installation of the lighting, the lighting professional shall provide a letter certifying that the lighting is installed in accordance with the approved photometric plan. The Director of Planning and Zoning, or his/her designee, shall have the authority to interpret and determine compliance with the photometric plan and the Unified Development Code (UDC). The Planning and Zoning Commission may grant an exception to the provisions of the Unified Development Code (UDC) when strict compliance with the requirements of this section will result in substantial financial hardship or inequity, so long as such exception is without harm to the public. Decisions of the Planning and Zoning Commission may be appealed to the City Council in accordance with the procedures outline in [Section 09, Exceptions and Variances, of Article 11, Development Applications and Review Procedures, of the Unified Development Code \(UDC\)](#).
 - (f) Construction Standards.
 - (1) Building Materials. *Outdoor lighting* poles must be constructed of aluminum or steel. Wood and/or concrete poles are prohibited.
 - (2) Height. The height of *outdoor lighting* shall range from light fixtures embedded into a catwalk periphery to a 12-foot maximum for post structures on land for broader illumination. Poled outdoor light fixtures within the 438.0 Elevation Zone should be no taller than one-third (1/3) the distance to a neighboring property and should not exceed 12-feet.
 - (3) Location. *Outdoor lighting* fixtures shall not be placed in the view clear zone of a neighbor's view corridor; however, view corridor restrictions do not apply for *outdoor lighting* associated with boathouses, dock decks, or fixed piers except as described for each use due to brightness and glare to surrounding neighbors and the traveling public.
 - (g) Setback Requirements. *Outdoor lighting* must adhere to the following setbacks:
 - (1) Takeline Setback: 0-Feet
 - (2) Leased Side Yard Setback: 20-Feet
 - (h) Additional Requirements.
 - (1) Earth Work. Earth work required for the construction of *outdoor lighting* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
 - (2) Compliance with Applicable Codes. *Outdoor lighting* must comply with all other applicable City of Rockwall codes.
 - (3) Municipal or Government Installed Lighting. *Outdoor lighting* installed by and/or for a governmental agency for a public benefit that is used for activities for the public benefit (e.g. *rights-of-way, ball fields, airports, and/or parks*) shall be exempted from the requirements of this section; however, parking lot lighting for these activities shall meet the requirements of the Unified Development Code (UDC).
- (15) Patio.
- (a) Definition. A *patio* is a paved, tiled, or rocked outdoor area that is generally used for dining or recreation.
 - (b) Prerequisites. A *patio* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall.
 - (c) Elevation Zone. A *patio* shall be allowed in the following zones:
 - (1) 438.0: Permitted.
 - (2) 435.5: Not Permitted.
 - (3) 425.5: Not Permitted.
 - (d) Conditional Use Standards. A *patio* shall not incorporate walls or other none transparent structures to function as handrails or counter space.
 - (e) Construction Standards.

- (1) Building Materials. A *patio* must be constructed with natural stone. Handrails incorporated into the *deck* shall be made of wrought iron or decorative metal.
 - (2) Height. A *patio* shall not exceed a maximum height of 12-inches above grade.
 - (3) Size. A *patio* shall not exceed a maximum area of 1,000 SF.
 - (4) Location. *Patios* shall not be placed in the view clear zone of a neighbor's view corridor.
- (f) Setback Requirements. A *patio* must adhere to the following setbacks:
- (1) Takeline Setback: 0-Feet
 - (2) Leased Side Yard Setback: 20-Feet
- (g) Additional Requirements.
- (1) Earth Work. Earth work required for the construction of a *patio* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
 - (2) Compliance with Applicable Codes. A *patio* must comply with all other applicable City of Rockwall codes.
 - (3) Emergency Response. The *patio* shall not be located in an area where it would block public safety personnel and their vehicles from accessing or responding to emergencies or clearing the shoreline.
- (h) Visual Representation.

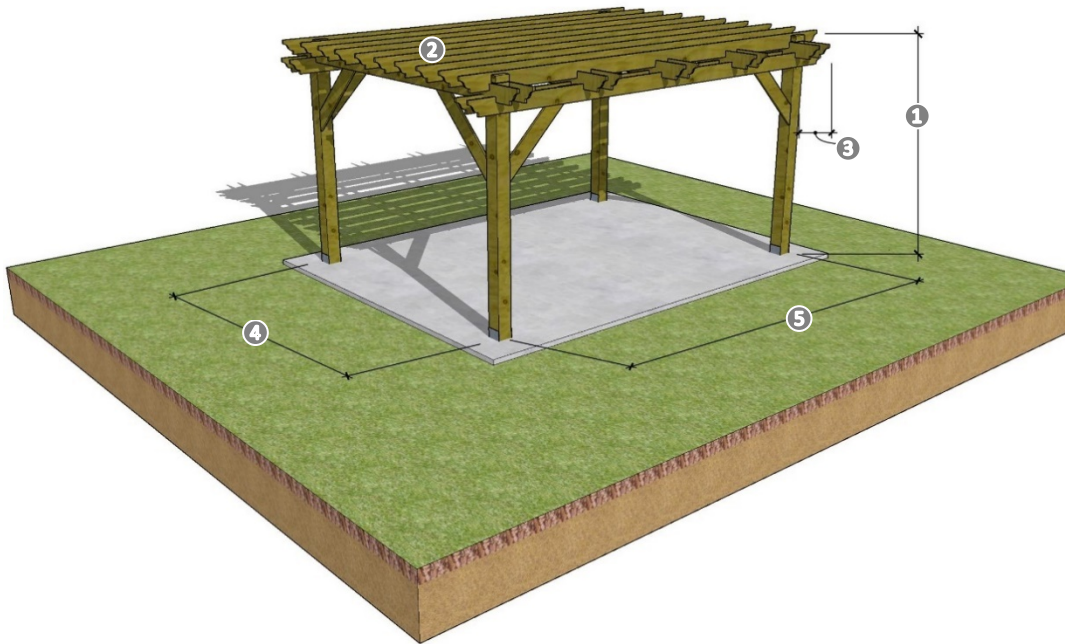


①: NATURAL STONE; ②: WROUGHT IRON OR BLACK TUBULAR STEEL; ③: MAXIMUM OF 12-INCHES OR ONE (1) FOOT; ④: PATIO AREA SHALL NOT BE GREATER THAN 1,000 SF

(16) Pergola.

- (a) Definition. A *pergola* is a stand along structure consisting of parallel columns supporting an open roof of girders and cross rafters.
- (b) Prerequisites. A *pergola* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall and -- when constructing in the 435.5 Elevation Zone -- that has constructed a *seawall* along the entire length of the shoreline within the leased area.
- (c) Elevation Zone. A *pergola* shall be allowed in the following zones:
 - (1) 438.0: Permitted.
 - (2) 435.5: Permitted (if a *Seawall* has been constructed).
 - (3) 425.5: Not Permitted.
- (d) Conditional Use Standards. A *pergola* shall not be used as a habitable dwelling structure, storage facility, or shelter for domestic or wild animals.
- (e) Construction Standards.
 - (6) Building Materials. A *pergola* constructed within the 438.0 Elevation Zone must be constructed utilizing cedar, redwood, ironwood, composite materials (e.g. wood composite or synthetic wood where natural timber fibers are mixed with a high-tech plastic material), or metal. A *pergola* constructed within the 435.5 Elevation Zone must be constructed using composite materials (e.g. wood composite or synthetic wood where natural timber fibers are mixed with a high-tech plastic material) or metal. Canvas, cloth, or mesh attachments to the structure shall be prohibited.

- (7) Height. A pergola shall not exceed a maximum height of 12-feet or one (1) story, and the roof shall not be used as a deck or lookout. The height shall be measured from grade to the highest point of the structure.
 - (8) Size. A pergola shall not exceed a maximum size of 12-feet by 20-feet or 240 SF.
 - (9) Roof. The roof of the pergola shall not have an overhang greater than 18-inches.
 - (10) Location. A pergola located within the 435.5 Elevation Zone shall generally be located in line with the primary structure on the leasing property. Pergolas shall not be placed in the view clear zone of a neighbor's view corridor.
- (f) Setback Requirements. A pergola must adhere to the following setbacks:
- (3) Takeline Setback: 0-Feet
 - (4) Leased Side Yard Setback: 20-Feet
- (g) Additional Requirements.
- (4) Earth Work. Earth work required for the construction of a pergola must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
 - (5) Compliance with Applicable Codes. A pergola must comply with all other applicable City of Rockwall codes.
 - (6) Emergency Response. The pergola shall not be located in an area where it would block public safety personnel and their vehicles from accessing or responding to emergencies or clearing the shoreline.
- (h) Visual Representation.

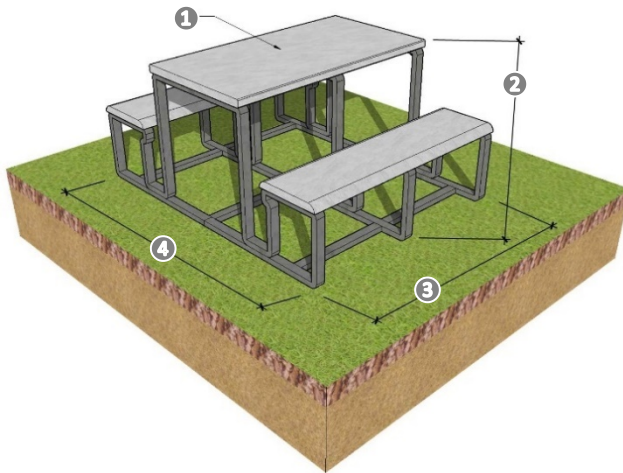


1: 12-FOOT MAXIMUM HEIGHT; 2: OPEN ROOF OF GIRDERS OR RAFTERS; 3: 1.5-FOOT MAXIMUM OVERHANG; 4: 12-FOOT MAXIMUM; 5: 20-FOOT MAXIMUM; 6: ROOF CAN MATCH THE PRIMARY STRUCTURE OTHERWISE THE ROOF SHALL BE STANDING SEAM METAL.

(17) Picnic Table.

- (a) Definition. A picnic table is a permanent outdoor structure used for outdoor dining.
- (b) Prerequisites. A picnic table may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall.
- (c) Elevation Zone. A picnic table shall be allowed in the following zones:
 - (1) 438.0: Permitted.
 - (2) 435.5: Permitted.
 - (3) 425.5: Not Permitted.
- (d) Conditional Use Standards. A picnic table must be a minimum of 12-feet from a *barbecue pit* or *fire pit*, and shall be open to the air (*i.e. no roof covering*) unless combined with a covered porch or pergola. A picnic table shall be built on level terrain.
- (e) Construction Standards.

- (1) Building Materials. The surface area of the *picnic table* shall be constructed out of concrete, brick, or native stone. *Picnic tables* constructed with wood shall be prohibited.
 - (2) Height. A *picnic table* shall not exceed a maximum of 36-inches in height.
 - (3) Size. A *picnic table* shall not exceed a maximum size of ten (10) feet in length by eight (8) feet in width.
 - (4) Location. A *picnic table* located within the 435.5 *Elevation Zone* shall generally be located in line with the primary structure on the leasing property. *Picnic tables* shall not be placed in the view clear zone of a neighbor's view corridor.
- (f) Setback Requirements. A *picnic table* must adhere to the following setbacks:
- (1) Takeline Setback: 0-Feet
 - (2) Leased Side Yard Setback: 6-Feet
- (g) Additional Requirements.
- (1) Earth Work. Earth work required for the construction of a *picnic table* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
 - (2) Compliance with Applicable Codes. A *picnic table* must comply with all other applicable City of Rockwall codes.
 - (3) Emergency Response. The *picnic table* shall not be located in an area where it would block public safety personnel and their vehicles from accessing or responding to emergencies or clearing the shoreline.
- (h) Visual Representation.

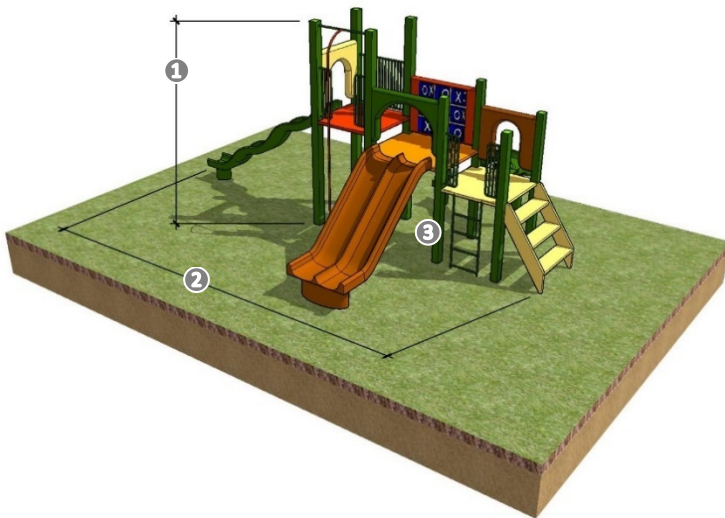


❶: SURFACE OF THE PICNIC TABLE SHALL BE CONCRETE, BRICK, OR NATIVE STONE; ❷: NOT TO EXCEED 36-INCHES OR THREE (3) FEET; ❸: EIGHT (8) FOOT MAXIMUM; ❹: TEN (10) FOOT MAXIMUM.

(18) Private Play Structure.

- (a) Definition. A *private play structure* is a permanent outdoor structure used by children for play, which is installed by the private property owner.
- (b) Prerequisites. A *private play structure* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall.
- (c) Elevation Zone. A *private play structure* shall be allowed in the following zones:
 - (1) 438.0: Permitted.
 - (2) 435.5: Not Permitted.
 - (3) 425.5: Not Permitted.
- (d) Conditional Use Standards. A *private play structure* can consist of arched ladders, vertical ladders, horizontal ladders, clatter bridge, timber structures, slides, fort and slide playset, climbers, play walls, play climbers, play pods, moon houses, jungle gyms, see-saws, merry-go-rounds, domes, rocket riders, tire swings, buoy balls, monkey bars, drums, chin-up bars, trampoline and rock walls; however, sandboxes and/or sand play areas shall not be permitted.
- (e) Construction Standards.
 - (1) Building Materials. A *private play structure* shall be built out of aluminum, galvanized steel, rubber, and/or water-resistant wood; however, railroad ties and treated lumber are prohibited. The exterior color of a *private play structure* should blend and incorporate the same hues and tones of the surrounding landscaping.

- (2) Height. A private play structure shall not exceed a maximum of eight (8) feet in height.
 - (3) Size. All private play structures will be situated in a collected area that is a maximum of 1,000 SF in area.
 - (4) Location. Private play structures shall not be placed in the view clear zone of a neighbor's view corridor.
- (f) Setback Requirements. A private play structures must adhere to the following setbacks:
- (1) Takeline Setback: 0-Feet
 - (2) Leased Side Yard Setback: 20-Feet
- (g) Additional Requirements.
- (1) Earth Work. Earth work required for the construction of a private play structures must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
 - (2) Compliance with Applicable Codes. A private play structure must comply with all other applicable City of Rockwall codes.
 - (3) Emergency Response. The private play structure shall not be located in an area where it would block public safety personnel and their vehicles from accessing or responding to emergencies or clearing the shoreline.
- (h) Visual Representation.



1: MAXIMUM OF EIGHT (8) FEET IN HEIGHT; 2: TOTAL SQUARE FOOTAGE SHALL NOT EXCEED A MAXIMUM OF 1,000 SF; 3: EXTERIOR COLOR SHOULD BLEND WITH THE SURROUNDING LANDSCAPING.

(19) Private Utilities.

- (a) Definition. Private utilities are a system of underground cable line, pipelines, and wiring installed by the leasing property owner to maintain and operate improvements in the take area.
- (b) Prerequisites. Private utilities may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall.
- (c) Elevation Zone. Private utilities shall be allowed in the following zones:
 - (1) 438.0: Permitted.
 - (2) 435.5: Permitted.
 - (3) 425.5: Not Permitted.
- (d) Conditional Use Standards. Private utilities are required to be buried in accordance with Chapter 38, *Subdivisions*, of the City of Rockwall's Municipal Code of Ordinances. No overhead private utility lines are permitted in the lease area. Private utilities containing natural gas, propane, gasoline, oil, diesel, or similar types of compounds shall not be permitted within the lease area. No part of any *On-Site Sanitary Sewer System* (OSSF) or any other private wastewater system or appurtenances shall be permitted within the lease area.
- (e) Construction Standards.
 - (1) Building Materials. Private utilities shall only be constructed out of materials permitted by the City's Engineering Department.
 - (2) Location. Private utilities within 20-feet of the normal pool elevation shoreline (*i.e.* 435.5) shall be built to handle load factors associated with emergency and service vehicles. Private utilities containing electricity and communication lines built into structures over the water shall not be allowed below the 436.5-foot mean sea level elevation.

(f) Setback Requirements. *Private utilities* must adhere to the following setbacks:

- (1) Takeline Setback: 0-Feet
- (2) Leased Side Yard Setback: 0-Feet

(g) Additional Requirements.

- (1) Earth Work. Earth work required for the construction of *private utilities* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
- (2) Compliance with Applicable Codes. A *private utility* must comply with all other applicable City of Rockwall codes.
- (3) Damage to the System. Any damage or destruction to any *private utility* by public safety, utility, maintenance, or inspection personnel and/or their vehicles will be the responsibility of the leasing property owner.

(20) Private Walkways.

- (a) Definition. *Private walkways* can be a single path or a network of paths installed by the leasing property owner in the takeline area.
- (b) Prerequisites. *Private walkways* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall and -- *when constructing in the 435.5 Elevation Zone* -- that has constructed a *seawall* along the entire length of the shoreline within the leased area.

(c) Elevation Zone. *Private walkways* shall be allowed in the following zones:

- (1) 438.0: Permitted.
- (2) 435.5: Permitted (if a *Seawall* has been constructed).
- (3) 425.5: Not Permitted.

(d) Conditional Use Standards. *Private walkways* with steps are permitted (see *Landing and Stairs* in [Subsection 06.15\(J\)\(11\)](#)).

(e) Construction Standards.

- (1) Building Materials. *Private walkways* shall be constructed using native stone, brick and/or rectangle pavers; however, *private walks* shall not consist of loose stone, gravel, sand, asphalt, or concrete.
- (2) Height. *Private walkways* shall be flush with the surrounding grade, or work within the gradient present of the surrounding grade.
- (3) Size. *Private walkways* shall be no greater than 48-inches in width.
- (4) Location. *Private walkways* may encroach into an existing easement or right-of-way, encroach into an identified future easement or right-of-way, or encroach into an identified or set aside access path, provided that the property owner or sublease is responsible for repair and/or replacement of the walks in the event they are damaged or removed by the City or other public entity as a result of the necessary use of, or work within or around, said easements. An existing and future easement running through a lease property will be allowed to substitute for the 12-foot wide primary access right-of-way path provided it is 12-foot wide, suitable for access, and will connect to adjacent access paths.

(f) Setback Requirements. *Private walkways* must adhere to the following setbacks:

- (1) Takeline Setback: 0-Feet
- (2) Leased Side Yard Setback: 10-Feet

(g) Additional Requirements.

- (1) Earth Work. Earth work required for the construction of *private walkways* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
- (2) Compliance with Applicable Codes. A *private walkway* must comply with all other applicable City of Rockwall codes.
- (3) Damage to the System. Any damage or destruction to any *private walkway* by public safety, utility, maintenance, or inspection personnel and/or their vehicles will be the responsibility of the leasing property owner.

(21) Seawall.

- (a) Definition. A *seawall* is an engineered concrete or steel structure at the water's edge that is typically designed to curb shoreline erosion where it is installed.
- (b) Prerequisites. A *seawall* may only be constructed on a property that has a valid *Residential Sublease Agreement* from the City of Rockwall.
- (c) Elevation Zone. A *seawall* shall be allowed in the following zones:

- (1) 438.0: Not Permitted.

- (2) 435.5: Not Permitted.
- (3) 425.5: Permitted.

NOTE: Seawalls are only permitted along the shoreline.

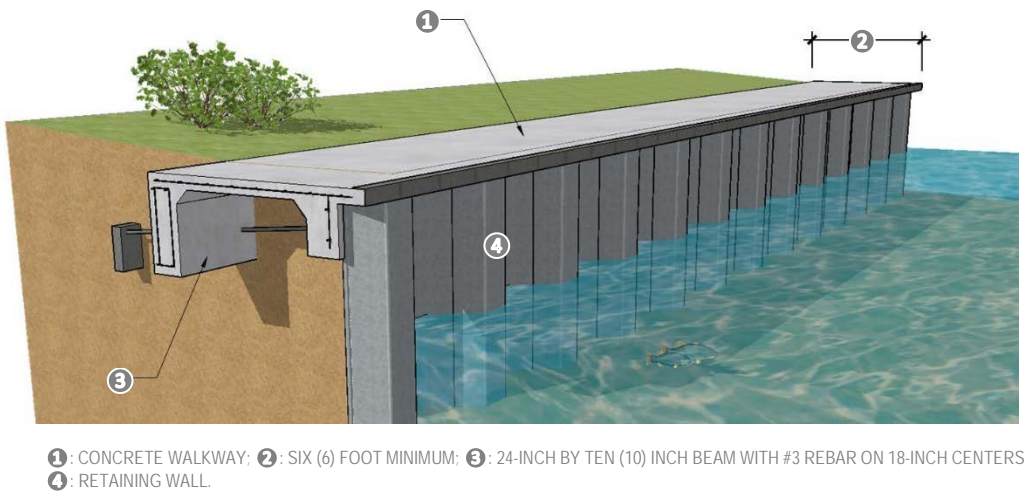
(d) Construction Standards.

- (1) Concrete Cap. A six (6) foot wide concrete cap must be constructed along the entire length of the erosion control structure. In order to allow the backfill material to properly settle, the construction of the concrete cap may be delayed for several weeks/months after the construction of the erosion control structure; however, in no case should the construction of the concrete cap be delayed for a time period exceeding one (1) year from the date of construction of the erosion control structure.

(e) Additional Requirements.

- (1) Earth Work. Earth work required for the construction of a seawalls must comply with the erosion control standards set forth in the Interlocal Lease Agreement.
- (2) Compliance with Applicable Codes. A seawall must comply with all other applicable City of Rockwall codes.

(f) Visual Representation.



(22) Sprinkler/Irrigation System.

- (h) Definition. A sprinkler/irrigation system is an underground irrigation network used to water and maintain trees, shrubs, grounds, and the foundations of improvements.
- (i) Prerequisites. A sprinkler/irrigation system may only be constructed on a property that has a valid Residential Sublease Agreement from the City of Rockwall.
- (j) Elevation Zone. A sprinkler/irrigation system shall be allowed in the following zones:

- (1) 438.0: Permitted.
- (2) 435.5: Permitted.
- (3) 425.5: Not Permitted.

Note: The prohibition of sprinkler/irrigation systems in the 425.5 Elevation Zone does not include the pumps or lines necessary to pump raw water, when a property owner has been granted permission to do so from the City of Dallas.

- (k) Conditional Use Standards. A sprinkler/irrigation system must be connected to the leasing property owner's existing water supply source with approved backflow prevention devices.

(l) Construction Standards.

- (1) Building Materials. A sprinkler/irrigation system shall only be constructed utilizing Schedule 40 PVC pipe.
- (2) Height. The heads of a sprinkler/irrigation system used for shrubs shall extend no higher than three (3) feet from the average base of the surrounding terrain within a three (3) foot radius of the head.
- (3) Location. A sprinkler/irrigation system shall be allowed up to one (1) foot of the normal pool elevation shoreline (i.e. 435.5) provided no part of the system could potentially result in lake siltation erosion.

- (m) Setback Requirements. A sprinkler/irrigation system must adhere to the following setbacks:

- (1) Takeline Setback: 0-Feet
- (2) Leased Side Yard Setback: 0-Feet

(n) Additional Requirements.

- (1) Earth Work. Earth work required for the construction of a *sprinkler/irrigation system* must comply with the erosion control standards set forth in the *Interlocal Lease Agreement*.
- (2) Compliance with Applicable Codes. A *sprinkler/irrigation system* must comply with all other applicable City of Rockwall codes.
- (3) Damage to the System. Any damage or destruction to any part of a *sprinkler/irrigation system* by public safety, utility, maintenance, or inspection personnel and/or their vehicles will be the responsibility of the leasing property owner.

SUBSECTION 07.05: LAKE RAY HUBBARD TAKELINE OVERLAY (TL OV) DISTRICT DEVELOPMENT STANDARDS

LAND USE ¹	CONDITIONAL USE REFERENCE SEE SUBSECTION 06.15(J)	PRE-REQUISITES L: SUBLEASE, S: SEAWALL, FP: FIXED PIER	ELEVATION ZONES			MINIMUM SIZE (FEET OR SQUARE FEET)	MAXIMUM SIZE (FEET, INCHES, OR SQUARE FEET)	MINIMUM HEIGHT (FEET OR INCHES)	MAXIMUM HEIGHT (FEET)	SIDE YARD SETBACK (FEET)	BUILDING MATERIALS
			438.0	435.5	425.5						
BARBECUE PIT	(1)	L	P	X	X	3' x 3'	8' x 3'	0'	6'	6'	NS, B, C, AND IR
BOAT HOUSE ^{2, 4, 5, & 15}	(2)	L, S, & FP	X	X	P	8' x 30'	12' x 30'	16'	21'	10'	CM FOR CATWALK AND DECKING; GM, IR, S, OR A FOR THE SUPPORTS ³ ; CM, GM, IR, S, A, CW, IW, OR RW FOR ROOF BEAMS; AND SSM FOR THE ROOF
COVERED PATIO ^{5 & 15}	(3)	L & S ¹⁶	P	P	X	0'	12' x 20'	0'	15' ^{6 & 7}	20'	CW, IW, & RW IN THE 438.0 ELEVATION ZONE; CM OR M IN THE 435.5 ELEVATION ZONE; SSM FOR THE ROOF
DECK ⁵	(4)	L & S ¹⁶	P	P	X	0'	1,000 SF	2' OR 24"	1'	20'	CM FOR THE DECKING, C FOOTINGS FOR FOUNDATION, AND WR FOR FENCING/RAILINGS
DOCK DECK ^{2 & 5}	(5)	L, S, & FP	X	X	P	8' x 10'	12' x 30'	0'	8' ⁸	10'	CM
FENCE	(6)	L	P	X	X	0'	45'	4'	4'	0'	WR
FLAGPOLE ^{5 & 9}	(7)	L & S ¹⁶	P	P	X	5" BASE	8" BASE	0'	20'	6'	SS OR A
FIXED PIER ^{2 & 5}	(8)	L & S	X	X	P	0'	6' x 40'	0'	8' ¹⁰	10'	CM FOR CATWALK AND DECKING; CM OR S FOR RAILINGS
FIRE PIT	(9)	L & S ¹⁶	P	X	X	3' x 3'	5' x 5'	0'	3'	6'	NS, B, AND C
GAZEBO ^{5 & 15}	(10)	L & S ¹⁶	P	P	X	0'	12' x 12'	0'	15'/18' ^{7 & 11}	20'	CW, RW, IW, CM, OR M IN THE 438.0 ELEVATION ZONE; AND CM OR M IN THE 435.5 ELEVATION ZONE
LANDING AND STAIRS	(11)	L & S ¹⁷	P	P	P	0'	8' x 8' x 6'	3'	SAME AS RETAINING WALL	5'	NS, B, AND C FOR THE STAIRS; WR OR BLACK S FOR THE RAILINGS AND/OR FENCE
PATIO ⁵	(15)	L	P	X	X	0'	1,000 SF	0'	1'	20'	NS FOR THE DECK AREA AND WR FOR RAILINGS
PERGOLA ⁵	(16)	L & S ¹⁶	P	P	X	0'	12' x 20'	0'	12' ⁷	20'	CW, RW, IW, OR CM IN THE 438.0 ELEVATION ZONE; CM OR M IN THE 435.5 ELEVATION ZONE
PICNIC TABLE	(17)	L	P	P	X	0'	8' x 10'	0'	3' OR 36"	6'	NS, B, AND C
PRIVATE PLAY STRUCTURE	(18)	L	P	X	X	0 SF	1,000 SF	0'	8'	20'	A, GM, R, CW, RW, AND IW
PRIVATE WALKWAYS	(20)	L & S ¹⁶	P	P	X	0'	48" WIDE	0'	FLUSH WITH GRADE	10'	NS, B, AND RECTANGULAR PAVERS
LANDSCAPING AND RETAINING WALLS ^{12 & 13}	(22)	L	P	P	X	NOTES: 1: FOR ALL LAND USES CHECK SECTION 06.15, LAKE RAY HUBBARD TAKELINE OVERLAY (TL OV) DISTRICT FOR ADDITIONAL REQUIREMENTS AND RESTRICTIONS. 2: BOATHOUSES, FIXED PIERS, DOCK DECKS, OR ANY COMBINATION OF THESE STRUCTURES MAY NOT EXTEND MORE THAN 40-FEET INTO THE WATER FROM THE 435.5 ELEVATION CONTOUR. 3: REQUIRES A HIP ROOF, A MINIMUM OF 2:1 ROOF PITCH, WITH ONE (1) CUPOLA (3' x 4') IN THE MIDDLE OF THE ROOF OR TWO (2) CUPOLAS (3' x 4') AT EACH END OF THE ROOF. 4: SUPPORT POSTS MAY BE WRAPPED IN A COMPOSITE MATERIAL. 5: THE STRUCTURE SHALL BE GENERALLY CENTERED IN THE LEASE AREA BEHIND THE PRIMARY STRUCTURE ON THE LEASING PROEPRTY IF LOCATED IN THE 435.5 OR 425.5 ELEVATION ZONES (IF PERMITTED IN THE ZONE). 6: REQUIRES A HIP OR GABLE ROOF WITH A CUPOLA OR CLERESTORY AND A MINIMUM ROOF PITCH OF 4:1. 7: SHALL NOT EXCEED ONE (1) STORY OR BE USED AS A ROOF TOP DECK.					
MUNICIPAL UTILITIES	(13)	NONE	P	P	P						
OUTDOOR LIGHTING	(14)	L	P	X	X						
PRIVATE UTILITIES	(19)	L	P	P	X						
SEAWALL	(21)	L	X	X	P						
SPRINKLER/ IRRIGATION SYSTEM ¹⁴	(22)	L	P	P	X						

8: EIGHT (8) FEET ABOVE THE SURFACE AREA OF THE FLAT FLOOR SURFACE WITH NO MORE THAN FOUR (4) POLE STRUCTURES ALLOWED.
 9: A MAXIMUM OF TWO (2) FLAG POLES ARE PERMITTED AND ONLY THE UNITED STATES OF AMERICA AND TEXAS FLAGS ARE TO BE FLOWN.
 10: EIGHT (8) FEET ABOVE THE SURFACE AREA OF THE FLAT FLOOR SURFACE WITH NO MORE THAN TWO (2) POLE STRUCTURES ALLOWED.
 11: REQUIRES A HIP OR GABLE ROOF OR A HIP AND/OR GABEL ROOF, WITH A MINIMUM ROOF PITCH OF 2:1, AND THAT IS A MAXIMUM OF 15-FEET WITHOUT A CLERESTORY OR CUPOLA OR 18-FEET WITH A CLERESTORY OR CUPOLA.
 12: REMEDIAL LANDSCAPING ALLOWED IN THE 425.5 ELEVATION ZONE WITH THE INTENT TO MAINTAIN THE INTEGRITY OF THE SHORELINE.
 13: RETAINING WALLS THAT ARE A PART OF LANDSCAPING ARE LIMITED TO LESS THAN THREE (3) FEET IN HEIGHT.
 14: HEADS SHOULD EXTEND NO HIGHER THAN THREE (3) FEET FROM THE AVREAGE BASE OF THE SURROUND TERRIAN WITHIN A THREE (3) FOOT RADIUS OF THE HEAD.
 15: ROOF OVERHANGS SHALL NOT EXCEED 18-INCHES.
 16: A SEAWALL IS ONLY REQUIRED FOR CONSTRUCTION IN THE 435.5 ELEVATION ZONE.
 17: A SEAWALL IS ONLY REQUIRED FOR CONSTRUCTION IN THE 435.5 OR 425.5 ELEVATION ZONES.