



LEGEND

- EXISTING TREE, IF REMOVED THEN ANY TREE SHOWN AS EXISTING SHALL BE REPLACED WITH (1) ONE SHADE / CANOPY TREE (2" CALIPER MIN.)
- CEDAR ELM / ULMUS CRASSIFOLIA
 - LACEBARK ELM / ULMUS PARVIFOLIA
 - LIVE OAK / QUERCUS VIRGINIANA
 - BUR OAK / QUERCUS MACROCARPA
 - CHINQUAPIN OAK / QUERCUS MUhlenBERGII
 - SHUMARD OAK / QUERCUS SHUMARDI
 - CHINESE PISTACHE / PISTACIA CHINENSIS
 - BALD CYPRESS / TAXODIUM DISTICHUM
- PROPOSED SHADE / CANOPY TREE (2" CALIPER MIN.)
- CEDAR ELM / ULMUS CRASSIFOLIA
 - LACEBARK ELM / ULMUS PARVIFOLIA
 - LIVE OAK / QUERCUS VIRGINIANA
 - BUR OAK / QUERCUS MACROCARPA
 - CHINQUAPIN OAK / QUERCUS MUhlenBERGII
 - SHUMARD OAK / QUERCUS SHUMARDI
 - CHINESE PISTACHE / PISTACIA CHINENSIS
 - BALD CYPRESS / TAXODIUM DISTICHUM
- PROPOSED SMALL / ORNAMENTAL TREE (2" CALIPER MIN.)
- DESERT WILLOW / CHILOPSIS LINEARIS
 - RED BUD / CERCIS CANADENSIS OR PENNIFORMIS
 - CRAPE MYRTLE / LAGERSTROEMIA SPP.
 - POSSOMHAW / ILEX DECIDUA
 - VALENT HOLLY / ILEX VOMITORIA
 - BLACKHAW VIBURNUM / VIBURNUM RUFIDULUM
- SCREENING SHRUB BED (MIN. 5 GALLON, SPACING 3.5 FT. O.C. DEPENDING ON SPECIES)
- INDIAN HAWTHORN / PAPHOPOLIS SPP.
 - TEXAS SAGE / LEUCOPHYLLUM FRUTESCENS
 - HOLLY / ILEX SPP.
 - WAX MYRTLE / MYRTICA CERIFERA OR PUSILLA
 - VIBURNUM / VIBURNUM SPP.
- FOUNDATION PLANTING BED (MIN. 3 GALLON, SPACING 3.5 FT. O.C. DEPENDING ON SPECIES)
- ABELIA / ABELIA SPP.
 - HOLLY / ILEX SPP.
 - RED YUCCA / HESPERALOE PARVIFLORA
 - MUKLY GRASS / MUhlenBERGII SPP.
 - SAGE / SALVIA SPP.
- VISIBILITY TRIANGLE
- 20 FEET AT DRIVEWAY INTERSECTIONS WITH STREETS
 - 45 FEET AT STREET INTERSECTIONS WITH STREETS
- PL — PROPERTY LINE

IRRIGATION NOTE:

ALL CODE REQUIRED TREES AND SHRUBS TO EITHER BE WATERED BY A PERMANENT IRRIGATION SYSTEM OR A TEMPORARY SYSTEM. FOR TEMPORARY IRRIGATION, PLANTINGS TO BE LOCATED WITHIN 100 FEET OF WATER SOURCE SUCH AS A PERMANENT HOSE BIB.

CITY OF DALLAS ORDINANCE, SEC. 51A-10.104:

ALL CODE REQUIRED TREES AND SHRUBS WILL BE PLANTED IN COMPLIANCE WITH SECTION 51A-10.104 SOIL AND PLANTING AREA REQUIREMENTS.

ARTICLE X LANDSCAPE ORDINANCE REQUIREMENTS:

SECTION 51A-4.212 EXEMPTS THIS SITE, SINCE IT IS A UTILITY SERVICES USE, FROM MEETING THE LANDSCAPE REQUIREMENTS OF THE CITY'S ARTICLE X.

4.212(E)(C) REQUIRES SITES WITH ANY USE OVER SEVEN FEET IN HEIGHT TO PROVIDE A LANDSCAPE BUFFER STRIP COMPLYING WITH SECTION 51A-10.105. THE BUFFER STRIP ALONG STREET FRONTS MUST BE AN AVERAGE DEPTH OF TEN FEET, WITH LARGE OR MEDIUM TREE (3-INCH CALIPER) PER 40 LINEAR FEET OF FRONTAGE ALONG STREETS ADJACENT TO RESIDENTIAL USES. THE BUFFER STRIP MUST BE AN AVERAGE DEPTH OF TEN FEET, WITH ONE LARGE TREE AND THREE LARGE EVERGREEN SHRUBS PER 40 LINEAR FEET OF ADJACENCY EXISTING TREES CAN BE COUNTED AS FULFILLMENT OF THE TREE REQUIREMENT WITHIN BUFFER STRIPS.

RESIDENTIAL BUFFER ZONE CALCULATIONS

Residential Buffer Zone (RBZ) - Must be provided along the entire length of the portion of the perimeter of the lot where a residential adjacency exists, with an average depth of 10' or greater, minimum depth of 5', and maximum depth of 50'. Must include one plant group per 40' of adjacency, except when existing local utility conditions allow two small trees to substitute for each required tree, and excluding paved points of ingress/egress.

Screening is required: Plant group is one large or medium tree per 40'.

Screening is not required: Plant group is:

- One large or medium tree and three small trees;
- One large or medium tree and three large evergreen shrubs;
- One large and medium tree, two small trees, and one large evergreen shrub; or
- One large or medium tree, one small tree, and two large evergreen shrubs.

Required and Provided:

Lake June Road ~+695.38 LF)
Required = 18 medium or large trees (3" caliper) and 54 large evergreen shrubs
Provided = 22 small trees (2" caliper, near OHU), 7 existing medium or large trees, and 54 large evergreen shrubs
Algonquin Drive (~1163.37 LF)
Required = 36 medium or large trees (3" caliper), and 114 large evergreen shrubs
Provided = 25 medium or large trees (3" caliper), 13 existing medium or large trees, and 114 large evergreen shrubs
San Leon Avenue (~503.35 LF) = 24 medium or large trees (3" caliper) and 72 large evergreen shrubs
Required = 13 medium or large trees (3" caliper) and 39 large evergreen shrubs
Provided = 13 medium or large trees (3" caliper), outside of buffer due to UG water lines and OHU) and 39 large evergreen shrubs.



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REGISTRATION NO. F-5713

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30% DESIGN - NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	BY

DALLAS WATER UTILITIES
CITY OF DALLAS
1031 Algonquin Dr., Dallas, Texas

LAKE JUNE PUMP STATION AND RESERVOIR REPLACEMENT

CASE Z245-XXX

JOB NO.: 20W05110
DATE: MAY 2025
DESIGNED BY: GWW
DRAWN BY: GWW
CHECKED BY: JCS

BAR IS ONE INCH ON ORIGINAL DRAWING
0 50' 100' 200' 300'
(IN FEET)

DRAWING NUMBER
EXHIBIT
SHEET NUMBER