



# DEVELOPMENT APPLICATION

City of Rockwall  
Planning and Zoning Department  
385 S. Goliad Street  
Rockwall, Texas 75087

STAFF USE ONLY

PLANNING & ZONING CASE NO. 2022-056

NOTE: THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

DIRECTOR OF PLANNING:

CITY ENGINEER:

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST (SELECT ONLY ONE BOX):

### PLATTING APPLICATION FEES:

- MASTER PLAT (\$100.00 + \$15.00 ACRE) <sup>1</sup>
- PRELIMINARY PLAT (\$200.00 + \$15.00 ACRE) <sup>1</sup>
- FINAL PLAT (\$300.00 + \$20.00 ACRE) <sup>1</sup>
- REPLAT (\$300.00 + \$20.00 ACRE) <sup>1</sup>
- AMENDING OR MINOR PLAT (\$150.00)
- PLAT REINSTATEMENT REQUEST (\$100.00)

### SITE PLAN APPLICATION FEES:

- SITE PLAN (\$250.00 + \$20.00 ACRE) <sup>1</sup>
- AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN (\$100.00)

### ZONING APPLICATION FEES:

- ZONING CHANGE (\$200.00 + \$15.00 ACRE) <sup>1</sup>
- SPECIFIC USE PERMIT (\$200.00 + \$15.00 ACRE) <sup>1 & 2</sup>
- PD DEVELOPMENT PLANS (\$200.00 + \$15.00 ACRE) <sup>1</sup>

### OTHER APPLICATION FEES:

- TREE REMOVAL (\$75.00)
- VARIANCE REQUEST/SPECIAL EXCEPTIONS (\$100.00) <sup>2</sup>

### NOTES:

<sup>1</sup>: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.  
<sup>2</sup>: A \$1,000.00 FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.

## PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS A0207 E Teal, Tract 134-12, Acres 2.564 Prop ID# 30591; Spyglass Hill #4, Block A, Lot 4, Acres 4.316 Prop ID# 29883

SUBDIVISION Marina Village LOT BLOCK

GENERAL LOCATION Henry M Chandler Dr, Behind Marina

## ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING	PD-8, Ord No. 21-38	CURRENT USE	
PROPOSED ZONING	PD-8, Ord No. 21-38	PROPOSED USE	Multi-Family Residential
ACREAGE	6.889	LOTS [CURRENT]	1
		LOTS [PROPOSED]	36

**SITE PLANS AND PLATS:** BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.

## OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

<input type="checkbox"/> OWNER	LTL Family Holdings, LLC	<input type="checkbox"/> APPLICANT	Michael Joyce Properties
CONTACT PERSON	William Johnson	CONTACT PERSON	Ryan Joyce
ADDRESS	14918 Mystic Terrace Lane	ADDRESS	767 Justin Road
CITY, STATE & ZIP	Cypress, TX 77429	CITY, STATE & ZIP	Rockwall, TX 75087
PHONE		PHONE	512-965-6280
E-MAIL		E-MAIL	ryan@michaeljoyceproperties.com

## NOTARY VERIFICATION [REQUIRED]

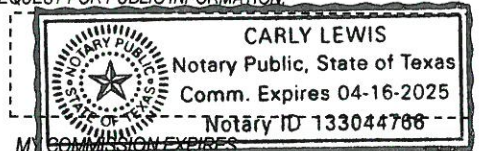
BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED William Johnson [OWNER] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF \$ 437.78 TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE 14 DAY OF October, 2022. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION.

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 14 DAY OF October, 2022

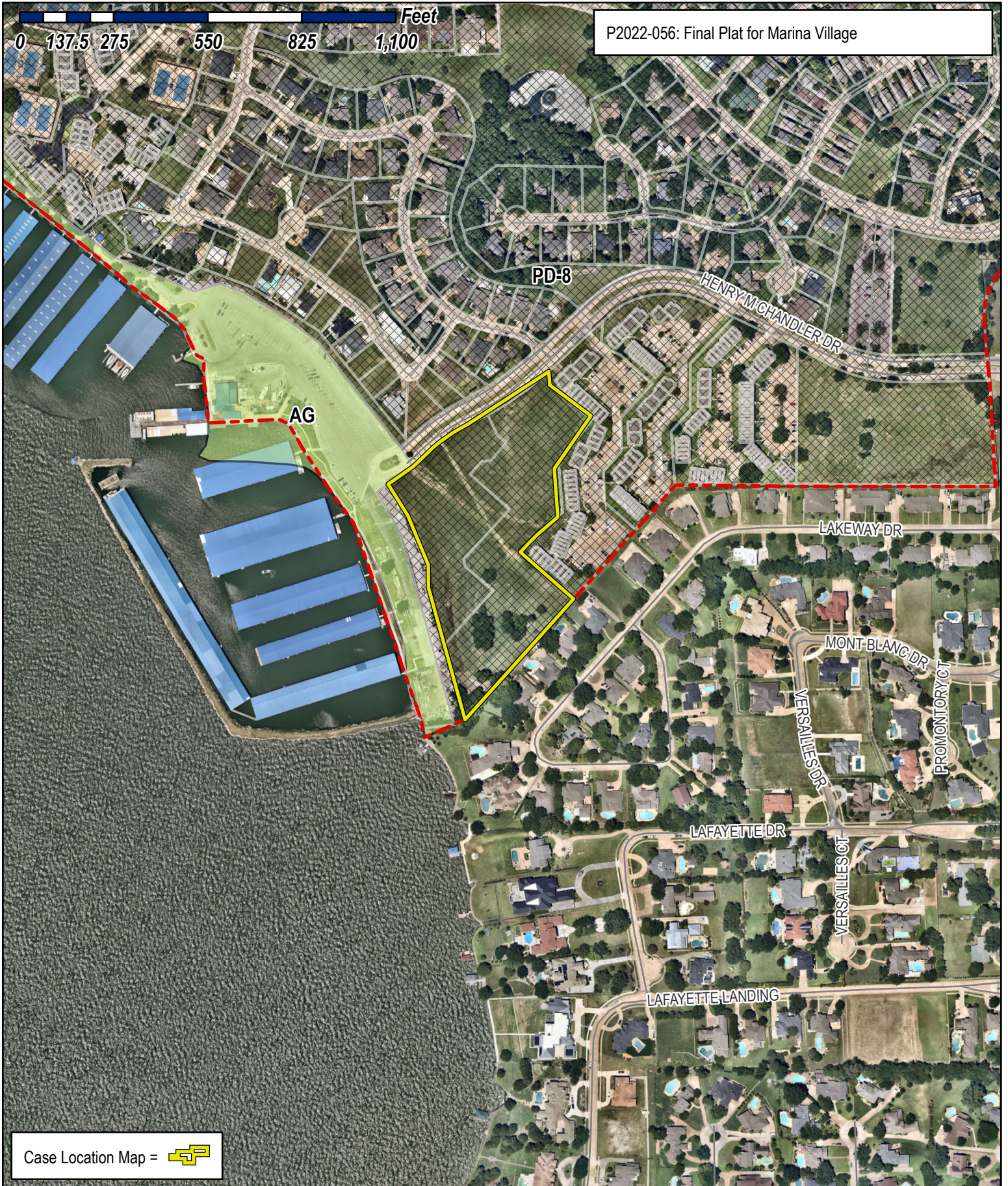
OWNER'S SIGNATURE

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS



4-16-25





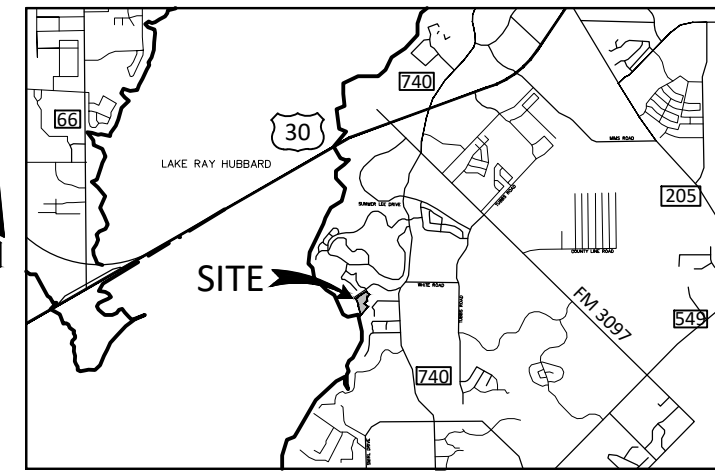
# City of Rockwall

Planning & Zoning Department  
 385 S. Goliad Street  
 Rockwall, Texas 75032  
 (P): (972) 771-7745  
 (W): www.rockwall.com

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.



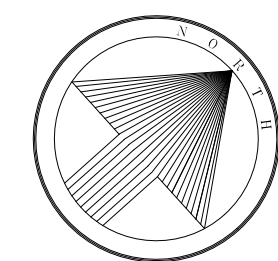




VICINITY MAP  
N.T.S.

**LEGEND**

- Point of Curvature or Tangency on Center Line
- 1/2" Iron rod set with a yellow plastic cap stamped "JVC" (unless otherwise noted)
- 1/2" IRF (unless otherwise noted)
- AC Acre
- BL Building Line
- C1 Curve No.
- <CM> Control Monument
- DE Drainage Easement
- WLE Water Line Easement
- SSE Sanitary Sewer Easement
- Esmt Easement
- L1 Line No.
- SF Square Feet
- UE Utility Easement
- PE Pedestrian Easement
- PUDE Pedestrian, Utility & Drainage Easement
- VAM Visibility Easement
- D.R.R.C.T. = Deed Records of Rockwall County, Texas
- P.R.R.C.T. = Plat Records of Rockwall County, Texas
- M.R.R.C.T. = Map Records of Rockwall County, Texas
- O.R.R.C.T. = Official Records of Rockwall County, Texas
- [Hatched Area] Easement Abandonment



SCALE 1" = 60'

**FINAL PLAT  
MARINA VILLAGE**

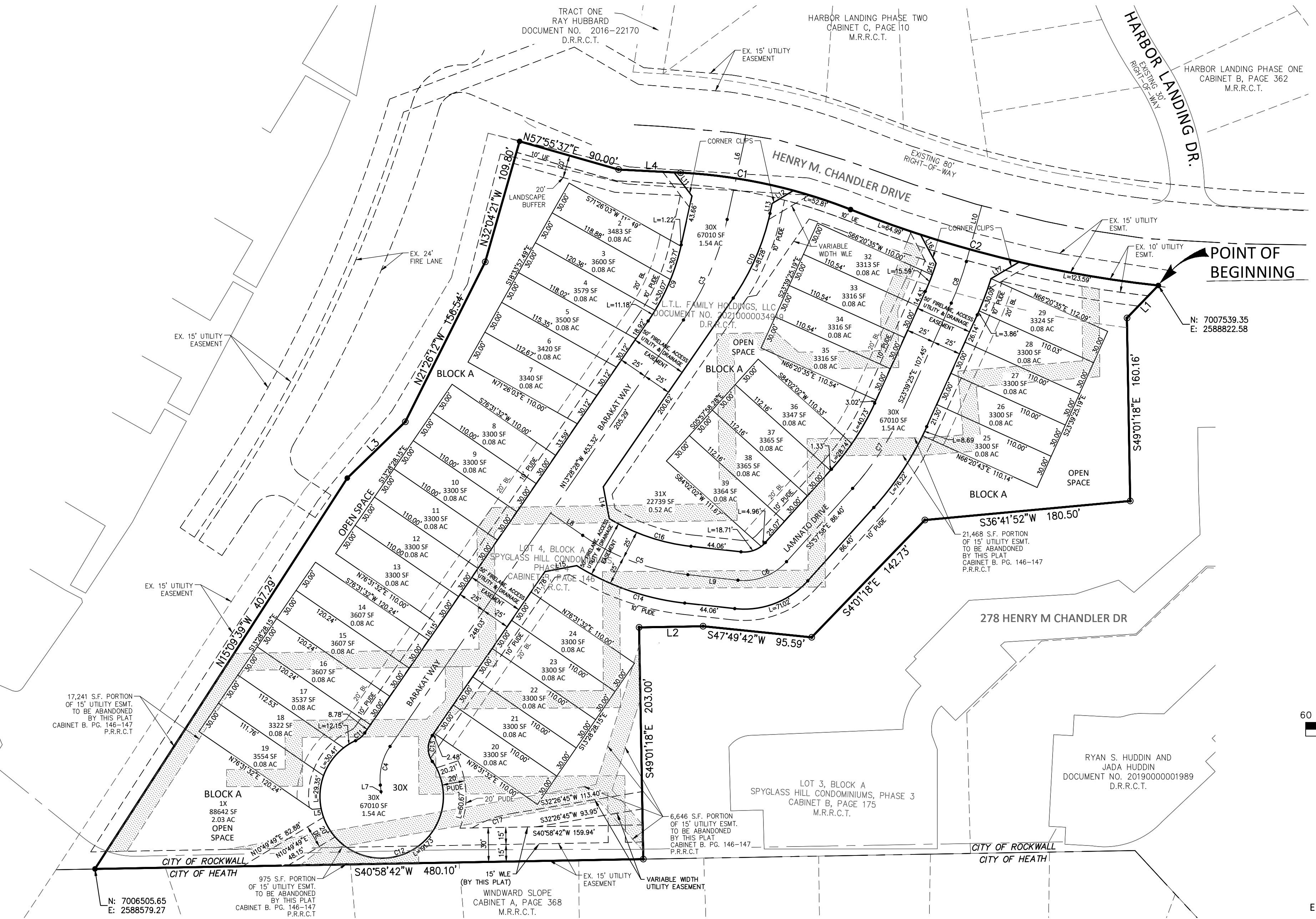
LOTS 1X, 2-29, 30X, 31X, 32-39 BLOCK A  
6.889 ACRES  
36 TOWNHOME LOTS AND  
4 COMMON AREAS  
SITUATED WITHIN THE  
EDWARD TEAL SURVEY, ABSTRACT NO. 207  
CITY OF ROCKWALL  
ROCKWALL COUNTY, TEXAS

P2022-008  
October 14, 2022  
SHEET 1 OF 2

**Owner/Applicant:**  
LTL Family Holdings, LLC  
William Johnson  
14918 Mystic Terrace Lane  
Cyprus, Texas 77429  
Phone: 713-325-4294

**Engineer/Surveyor:**  
Johnson Volk Consulting, Inc.  
704 Central Parkway East, Suite. 1200  
Plano, Texas 75074  
Phone: 682-225-7189  
Contact: Tom Dayton, PE

**JOHNSON VOLK  
CONSULTING**  
TBPELS: Engineering Firm No. 11962 / Land Surveying Firm No. 10194033  
704 Central Parkway East | Suite 1200 | Plano, TX 75074 | 972.201.3100



**BENCHMARKS**

CITY OF ROCKWALL MONUMENT NO. COR-5:  
STANDARD CITY OF ROCKWALL CONTROL MONUMENT LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF HENRY W. CHANDLER DRIVE AND COMMODORE PLAZA APPROXIMATELY 400' WEST OF THE INTERSECTION OF HENRY W. CHANDLER DRIVE AND RIDGE ROAD.  
ELEVATION = PLAN 560.58' FIELD 561.09'

CITY OF ROCKWALL MONUMENT NO. COR-7:  
STANDARD CITY OF ROCKWALL CONTROL MONUMENT LOCATED ON THE SOUTH SIDE OF SUMMER LEE DRIVE APPROXIMATELY 250' WEST OF THE INTERSECTION OF SUMMER LEE DRIVE AND RIDGE ROAD.  
ELEVATION = PLAN 567.52' FIELD 567.78'

CITY OF ROCKWALL MONUMENT NO. COR-10:  
BRASS DISK STAMPED "CITY OF ROCKWALL SURVEY MONUMENT" ON THE SOUTHEAST SIDE OF LAGUNA DRIVE AT THE SOUTHEAST CORNER OF A CURB INLET APPROXIMATELY 325' NORTHEAST OF THE INTERSECTION OF VILLAGE LANE AND LAGUNA DRIVE.  
ELEVATION = PLAN 521.61' FIELD 521.57'

CITY OF ROCKWALL MONUMENT NO. COR-11:  
BRASS DISK STAMPED "CITY OF ROCKWALL SURVEY MONUMENT" ON THE NORTHEAST SIDE OF MIMS ROAD AT THE SOUTHERLY END OF A CONCRETE HEADWALL AT THE INTERSECTION OF THE NORTHEAST LINE OF MIMS ROAD WITH THE SOUTHEAST LINE OF I-30.  
ELEVATION = PLAN 565.98' FIELD 566.02'

- GENERAL NOTES:**
- ALL LOT CORNERS MONUMENTED WITH A 1/2" IRON ROD WITH A YELLOW PLASTIC CAP STAMPED "JVC" UNLESS OTHERWISE NOTED.
  - ALL UTILITY EASEMENTS AND DRAINAGE EASEMENTS WITHIN THIS PLATTED PROPERTY ARE CREATED BY THIS PLAT, UNLESS OTHERWISE NOTED.
  - BASIS OF BEARING AND COORDINATES SHOWN HEREON REFER TO "TEXAS STATE PLANE COORDINATE SYSTEM, NORTH CENTRAL ZONE (4202), NORTH AMERICAN DATUM OF 1983 ON GRID COORDINATE VALUES.
  - LOCATION OF 1% ANNUAL FLOOD CHANCE ESTIMATED FROM FEMA FIRM PANEL 48139C0325F DATED JUNE 3, 2013.
  - LOTS ADJACENT TO FLOODPLAIN SHALL HAVE A MINIMUM FINISHED FLOOR ELEVATION 2' ABOVE THE 100-YR WSEL.
  - IT SHALL BE THE POLICY OF THE CITY OF ROCKWALL TO WITHHOLD ISSUING BUILDING PERMITS UNTIL ALL STREETS, WATER, SEWER AND STORM DRAINAGE SYSTEMS HAVE BEEN ACCEPTED BY THE CITY. THE APPROVAL OF A PLAT BY THE CITY DOES NOT CONSTITUTE ANY REPRESENTATION, ASSURANCE OR GUARANTEE THAT ANY BUILDING WITHIN SUCH PLAT SHALL BE APPROVED, AUTHORIZED OR PERMIT THEREFORE ISSUED, NOR SHALL SUCH APPROVAL CONSTITUTE ANY REPRESENTATION, ASSURANCE OR GUARANTEE BY THE CITY OF THE ADEQUACY AND AVAILABILITY FOR WATER FOR PERSONAL USE AND FIRE PROTECTION WITHIN SUCH PLAT, AS REQUIRED UNDER ORDINANCE 83-54.
  - PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTAINING, REPAIRING, AND REPLACING ALL SYSTEMS WITHIN THE DRAINAGE AND DETENTION EASEMENTS.
  - ALL ROW, PAVING AND DRAINAGE SHALL BE PRIVATE AND MAINTAINED, REPLACED AND REPAIRED BY HOA/PROPERTY OWNER.



STATE OF TEXAS §  
COUNTY OF ROCKWALL §

WHEREAS L.T.L. Family Holdings, LLC, BEING THE OWNER OF A TRACT OF land in the County of Rockwall, State of Texas, said tract being described as follows:

BEING a tract of land situated in the E. TEAL SURVEY, ABSTRACT NO. 207, City of Rockwall, Rockwall County, Texas and being all of Lot 4, Block A of SPYGLASS HILL CONDOMINIUMS PHASE FOUR, an Addition to the City of Rockwall, Rockwall County, Texas according to the Plat thereof recorded in Cabinet B, Page 146, Map Records, Rockwall County, Texas and being all of that tract of land described in Deed to L.T.L. Family Holdings, LLC, as recorded in Document No. 2021000034919, Deed Records, Rockwall County, Texas and being more particularly described as follows:

BEGINNING at a 1/2 inch iron rod with a yellow plastic cap stamped "BISON CREEK" found in the southeast line of Henry Chandler Drive, an 80 foot right-of-way, for the common northeast corner of said L.T.L. Family Holdings, LLC tract, northeast corner of said Lot 4 and northwest corner of Lot 3, Block A of SPYGLASS HILL CONDOMINIUMS, PHASE 3, an Addition to the City of Rockwall, Rockwall County, Texas according to the Plat thereof recorded in Cabinet B, Page 175, Map Records, Rockwall County, Texas;

THENCE Southerly, with the common east line of said Lot 4, east line of said L.T.L. Family Holdings, LLC tract and west line of said Lot 3, the following seven (7) courses and distances:

South 04 degrees 01 minutes 18 seconds East, leaving said southeast line, a distance of 39.64 feet to a 1/2 inch iron rod found for corner;

South 49 degrees 01 minutes 18 seconds East, a distance of 160.16 feet to a 1/2 inch iron rod found for corner;

South 36 degrees 41 minutes 52 seconds West, a distance of 180.50 feet to a 1/2 inch iron rod with a yellow plastic cap stamped "BISON CREEK" found for corner;

South 04 degrees 01 minutes 18 seconds East, a distance of 142.73 feet to a 1/2 inch iron rod with a yellow plastic cap stamped "BISON CREEK" found for corner;

South 47 degrees 49 minutes 42 seconds West, a distance of 95.59 feet to a 1/2 inch iron rod found for corner;

South 40 degrees 58 minutes 42 seconds West, a distance of 56.00 feet to a 1/2 inch iron rod with a yellow plastic cap stamped "BISON CREEK" found for corner;

South 49 degrees 01 minutes 18 seconds East, a distance of 203.00 feet to a 1/2 inch iron rod found in the northwest line of WINDWARD SLOPE, an Addition to the City of Rockwall, Rockwall County, Texas according to the Plat thereof recorded in Cabinet A, page 368, Map Records, Rockwall County, Texas for the common south corner of said Lot 3 and an exterior ell corner of said Lot 4 and said L.T.L. Family Holdings, LLC tract;

THENCE South 40 degrees 58 minutes 42 seconds West, with the common southeast line of said Lot 4 and said L.T.L. Family Holdings, LLC tract and said northwest line, a distance of 480.10 feet to a 1/2 inch iron rod with a yellow plastic cap stamped "JVC" set for the common south corner of said Lot 4 and said L.T.L. Family Holdings, LLC tract;

THENCE Northerly, with the west line of said L.T.L. Family Holdings, LLC tract, the following four (4) courses and distances:

North 15 degrees 09 minutes 39 seconds West, a distance of 407.29 feet to a 1/2 inch iron rod with a yellow plastic cap stamped "JVC" set for corner;

North 02 degrees 08 minutes 12 seconds West, a distance of 70.75 feet to a 1/2 inch iron rod with a yellow plastic cap stamped "BISON CREEK" found for corner;

North 21 degrees 26 minutes 12 seconds West, a distance of 156.54 feet to a 1/2 inch iron rod with a yellow plastic cap stamped "BISON CREEK" found for corner;

North 32 degrees 04 minutes 21 seconds West, a distance of 109.80 feet to a 1/2 inch iron rod with a yellow plastic cap stamped "JVC" set in the southeast line of the above mentioned Henry Chandler Drive for the northwest corner of said L.T.L. Family Holdings, LLC tract;

THENCE Northeasterly, with said southeast line, the following four (4) courses and distances:

North 57 degrees 55 minutes 37 seconds East, a distance of 90.00 feet to a 1/2 inch iron rod found for corner;

North 44 degrees 54 minutes 57 seconds East, a distance of 54.37 feet to a 1/2 inch iron rod found for corner at the beginning of a curve to the right having a central angle of 18 degrees 36 minutes 42 seconds, a radius of 471.19 feet and a chord bearing and distance of North 54 degrees 13 minutes 19 seconds East, 152.39 feet;

Northeasterly, with said curve to the right, an arc distance of 153.06 feet to a 1/2 inch iron rod with a yellow plastic cap stamped "JVC" set for corner at the beginning of a reverse curve to the left having a central angle of 15 degrees 20 minutes 06 seconds, a radius of 1,040.00 feet and a chord bearing and distance of North 55 degrees 51 minutes 37 seconds East, 277.52 feet;

Northeasterly, with said curve to the left, an arc distance of 278.35 feet to the POINT OF BEGINNING and containing 6.889 acres of land, more or less.

Line Table		
Line	Length	Direction
L1	39.64	S4° 01' 18"E
L2	56.00	S40° 58' 42"W
L3	70.75	N2° 08' 12"W
L4	48.71	N44° 54' 57"E
L5	7.87	N37° 31' 07"E
L6	75.93	N35° 35' 51"W
L7	10.11	N54° 16' 59"W
L8	34.22	S76° 43' 41"W
L9	44.06	S48° 17' 23"W
L10	51.06	S32° 31' 55"E
L11	26.01	S85° 01' 36"E
L12	21.71	N10° 45' 15"E
L13	8.92	N35° 35' 51"W
L14	28.27	S58° 28' 11"E
L15	28.28	N31° 30' 26"E
L16	28.64	S76° 19' 54"E
L17	28.68	S11° 22' 41"W

Curve Table					
Curve #	Length	Radius	Delta	Chord Length	Chord Bearing
C1	153.06	471.19	018°36'42"	152.39	N54° 13' 19"E
C2	278.35	1040.00	015°20'06"	277.52	N55° 51' 37"E
C3	96.53	250.00	022°07'23"	95.93	N24° 32' 09"W
C4	35.61	50.00	040°48'31"	34.86	S33° 52' 43"E
C5	99.27	200.00	028°26'17"	98.25	N62° 30' 32"E
C6	47.35	50.00	054°15'21"	45.60	N21° 09' 42"E
C7	77.19	250.00	017°41'27"	76.88	N14° 48' 42"W
C8	38.72	250.00	008°52'30"	38.69	N28° 05' 40"W
C9	30.07	189.50	009°05'28"	30.04	N21° 23' 59"W
C10	81.28	210.50	022°07'23"	80.77	N24° 32' 09"W
C11	10.65	20.00	030°29'56"	10.52	N01° 46' 30"E
C12	191.73	54.00	203°26'04"	105.75	N19° 00' 37"E
C13	24.17	20.00	069°13'57"	22.72	S48° 05' 27"E
C14	100.81	225.00	025°40'18"	99.97	N61° 07' 32"E
C15	10.62	225.00	002°42'17"	10.62	S28° 58' 42"E
C16	76.17	175.00	024°56'24"	75.57	N60° 45' 35"E
C17	39.36	96.46	023°22'43"	39.09	S22° 39' 49"W

OWNER'S CERTIFICATION:

NOW THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

STATE OF TEXAS §  
COUNTY OF ROCKWALL §

I (we) the undersigned owner(s) of the land shown on this plat, and designated herein as the MARINA VILLAGE subdivision to the City of Rockwall, Texas, and whose name is subscribed hereto, hereby dedicate to the use of the public forever any streets, alleys, parks, water courses, drains, easements and public places thereon shown on the purpose and consideration therein expressed. I (we) further certify that all other parties who have a mortgage or lien interest in the MARINA VILLAGE subdivision have been notified and signed this plat. I (we) understand and do hereby reserve the easement strips shown on this plat for the purposes stated and for the mutual use and accommodation of all utilities desiring to use or using same. I (we) also understand the following:

- No buildings shall be constructed or placed upon, over, or across the utility easements as described herein.
- Any public utility shall have the right to remove and keep removed all or part of any buildings, fences, trees, shrubs, or other growths or improvements which in any way endanger or interfere with construction, maintenance or efficiency of their respective system on any of these easement strips; and any public utility shall at all times have the right of ingress or egress to, from and upon the said easement strips for purpose of construction, reconstruction, inspecting, patrolling, maintaining, and either adding to or removing all or part of these respective system without the necessity of, at any time, procuring the permission of anyone.
- The City of Rockwall will not be responsible for any claims of any nature resulting from or occasioned by the establishment of grade of streets in the subdivision.
- The developer and subdivision engineer shall bear total responsibility for storm drain improvements.
- The developer shall be responsible for the necessary facilities to provide drainage patterns and drainage controls such that properties within the drainage area are not adversely affected by storm drainage from the development.
- No house dwelling unit, or other structure shall be constructed on any lot in this addition by the owner or any other person until the developer and/or owner has complied with all requirements of the Subdivision Regulations of the City of Rockwall regarding improvements with respect to the entire block on the street or streets on which property abuts, including the actual installation of streets with the required base and paving, curb and gutter, water and sewer, drainage structures, storm sewers, and alleys all according to the specifications of the City of Rockwall; or

Until an escrow deposit, sufficient to pay for the cost of such improvements, as determined by the city's engineer and/or city administrator, computed on a private commercial rate basis, has been made with the city secretary, accompanied by an agreement signed by the developer and/or owner, authorizing the city to make such improvements at prevailing private commercial rates, or have the same made by a contractor and pay the same out of the escrow deposit, should the developer and/or owner fail to refuse to install the required improvements within the time stated in such written agreement, but in no case shall the City be obligated to make such improvements itself. Such deposit may be used by the owner and/or developer as progress payments as the work progresses in making such improvements by making certified requisitions to the city secretary, supported by evidence of work done; or

Until the developer and/or owner files a corporate surety bond with the city secretary in a sum equal to the cost of such improvements for the designated area, guaranteeing the installation thereof within the time stated in the bond, which shall be fixed by the city council of the City of Rockwall.

I (we) further acknowledge that the dedications and/or exactions made herein are proportional to the impact of the Subdivision upon the public services required in order that the development will comport with the present and future growth needs of the City; I (we), my (our) successors and assigns hereby waive any claim, damage, or cause of action that I (we) may have as a result of the dedication of exactions made herein.

\_\_\_\_\_  
Property Owner Signature

STATE OF TEXAS §  
COUNTY OF ROCKWALL §

BEFORE ME, the undersigned authority, on this day personally appeared L.T.L. Family Holdings, LLC, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein stated.

Given under my hand and seal of office, this \_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Notary public in and for the State of Texas

\_\_\_\_\_  
My Commission Expires

STATE OF TEXAS §  
COUNTY OF ROCKWALL §

BEFORE ME, the undersigned authority, on this day personally appeared L.T.L. Family Holdings, LLC, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein stated.

Given under my hand and seal of office, this \_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Notary public in and for the State of Texas

\_\_\_\_\_  
My Commission Expires

SURVEYOR'S CERTIFICATE:

NOW, THEREFORE KNOW ALL MEN BY THESE PRESENTS:

THAT I, Ryan S. Reynolds, do hereby certify that I prepared this plat from an actual and accurate survey of the land, and that the corner monuments shown thereon were properly placed under my personal supervision.

\_\_\_\_\_  
RYAN S. REYNOLDS, R.P.L.S.  
Texas Registered Professional Land Surveyor No. 6385.

STATE OF TEXAS §  
COUNTY OF COLLIN §

BEFORE ME, the undersigned authority, on this day personally appeared Ryan S. Reynolds, known to me to be the person whose name is subscribed to the above and foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration expressed and in the capacity therein stated.

Given under my hand and seal of office, this \_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Notary public for and in the State of Texas

My commission expires: \_\_\_\_\_

\_\_\_\_\_  
Planning & Zoning Commission, Chairperson

\_\_\_\_\_  
Date

APPROVED:  
I hereby certify that the above and foregoing plat of an addition to the City of Rockwall, Texas be approved by the City Council of the City of Rockwall on \_\_\_\_ day of \_\_\_\_\_, 2022.

This approval shall be invalid unless the approved plat for such addition is recorded in the office of the County Clerk of Rockwall, County, Texas, within one hundred eighty (180) days from said date of approval.

WITNESS OUR HANDS, this \_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Mayor, City of Rockwall

\_\_\_\_\_  
City Secretary

\_\_\_\_\_  
City Engineer

# FINAL PLAT MARINA VILLAGE

LOTS 1X, 2-29, 30X, 31X, 32-39 BLOCK A  
6.889 ACRES

36 TOWNHOME LOTS AND  
4 COMMON AREAS  
SITUATED WITHIN THE  
EDWARD TEAL SURVEY, ABSTRACT NO. 207  
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October 14, 2022  
SHEET 2 OF 2

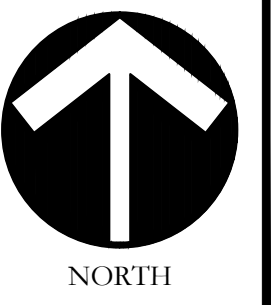
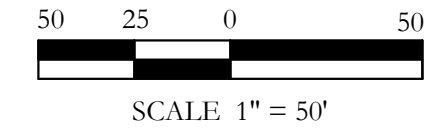
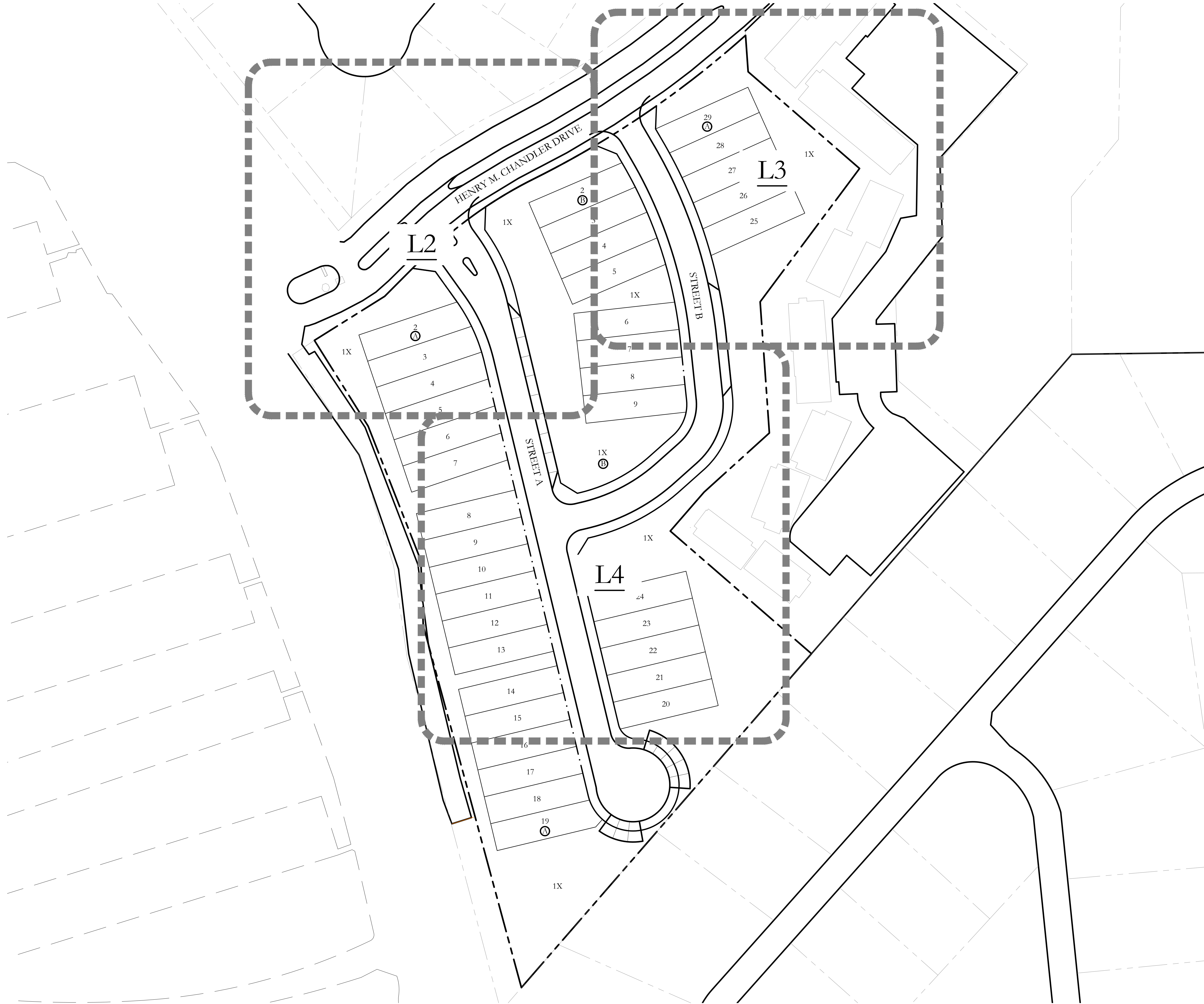
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Johnson Volk Consulting, Inc.  
704 Central Parkway East, Suite. 1200  
Plano, Texas 75074  
Phone: 682-225-7189  
Contact: Tom Dayton, PE





F:\civil\_3\projects\2209 - marina villges - townhomes - rockwall\landscps\2209 - treescape plan.dwg



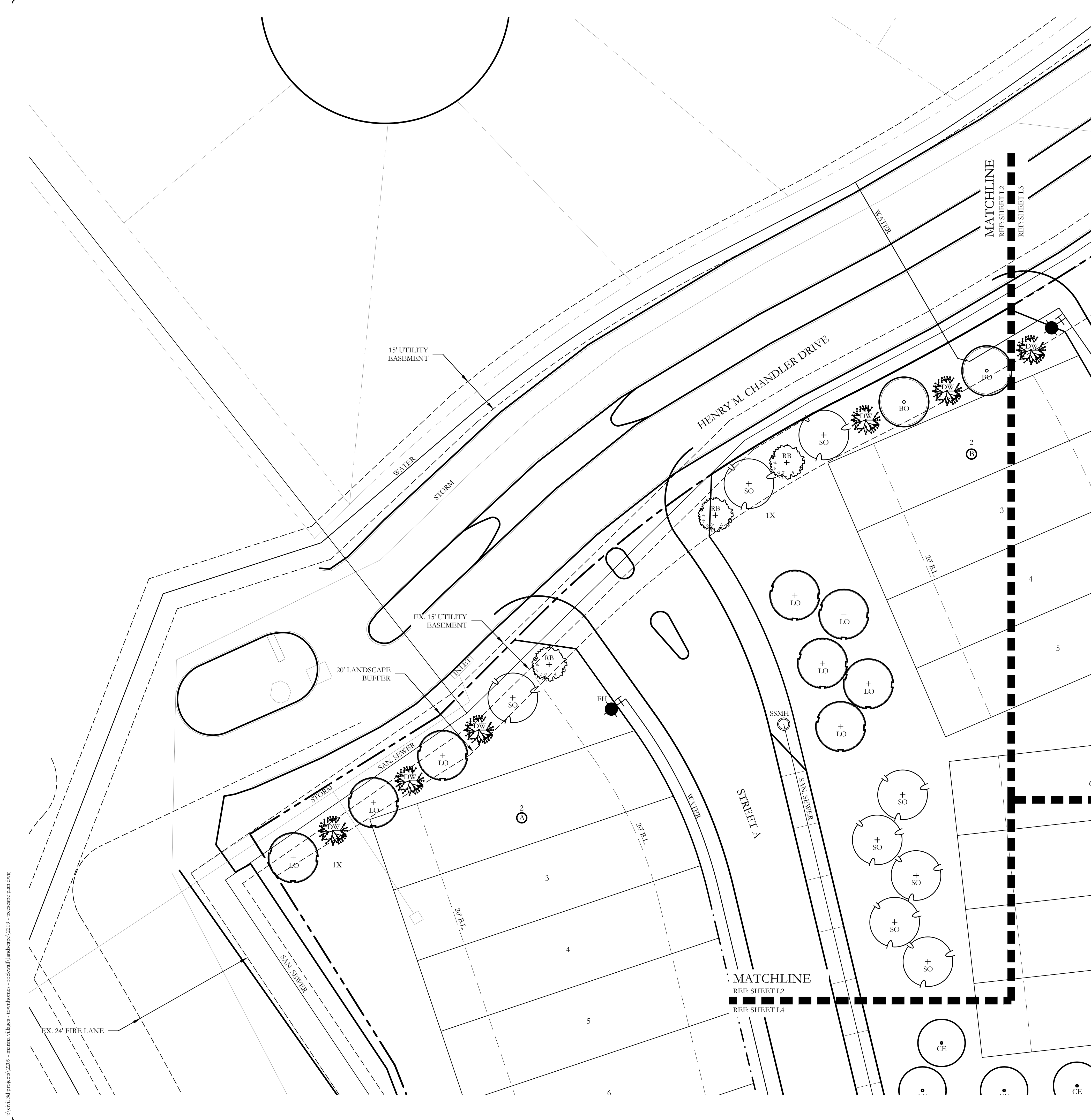
SCALE:  
1" = 50'  
One Inch  
JVC No 2209

TREESCAPE PLAN  
OVERALL LAYOUT PLAN



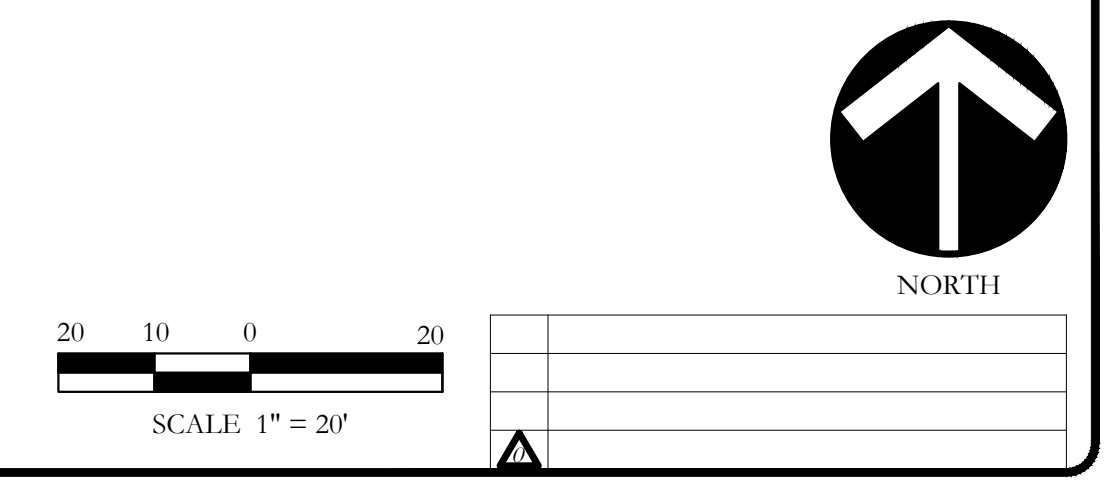
MARINA VILLAGE TOWNHOMES  
CITY OF ROCKWALL  
ROCKWALL COUNTY, TEXAS



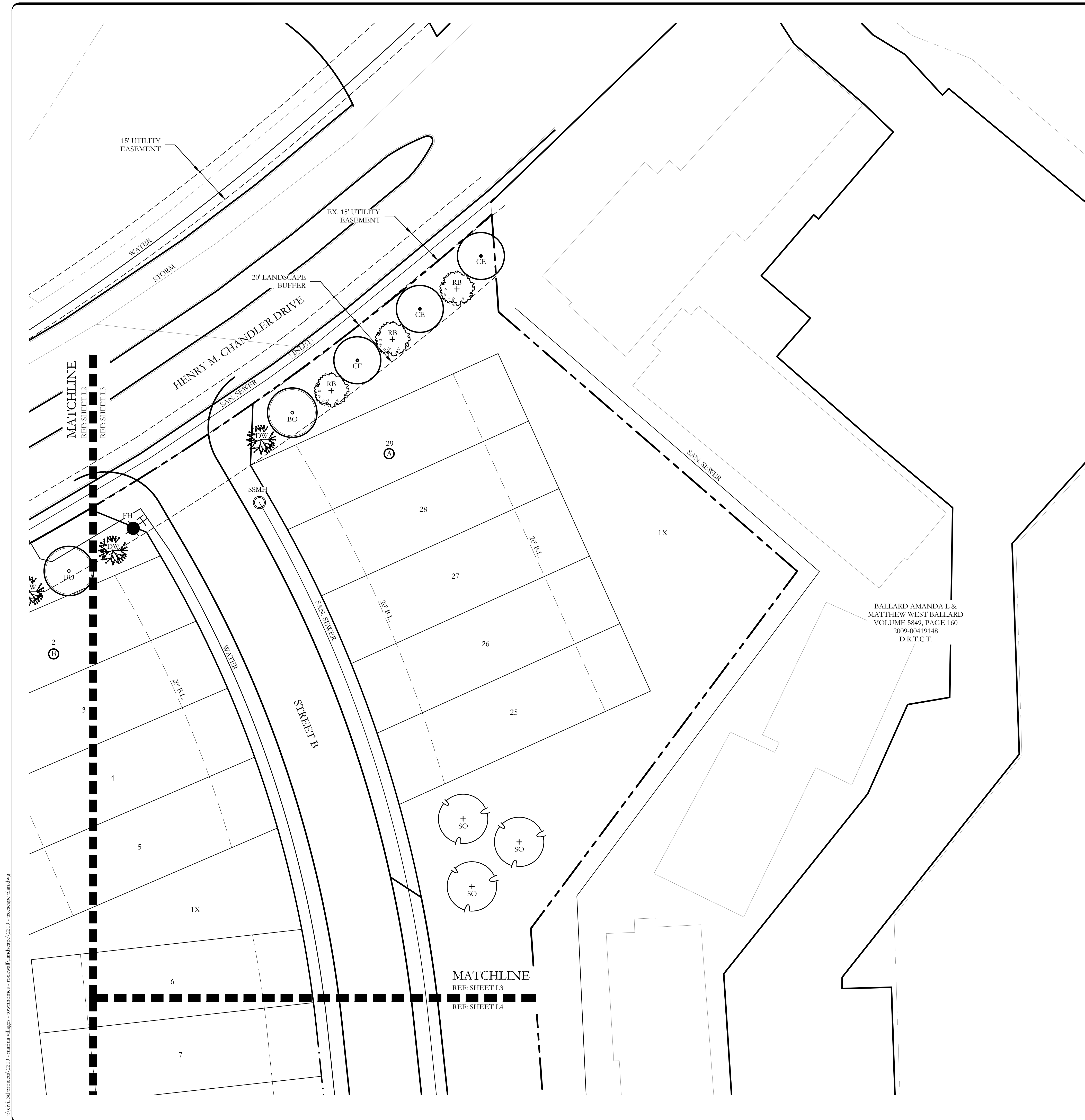


PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
	BO	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN
	DW	DESERT WILLOW	CHILOPSIS LINEARIS	2" CALIPER	AS SHOWN
	RB	TEXAS REDBUD	CERCIS CANADENSIS VAR. TEXENSIS	2" CALIPER	AS SHOWN

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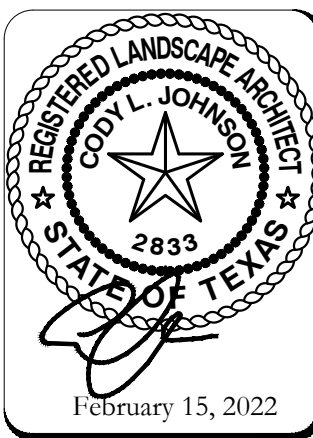




PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
	BO	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN
	DW	DESERT WILLOW	CHILOPSIS LINEARIS	2" CALIPER	AS SHOWN
	RB	TEXAS REDBUD	CERCIS CANADENSIS VAR. TEXIENSIS	2" CALIPER	AS SHOWN

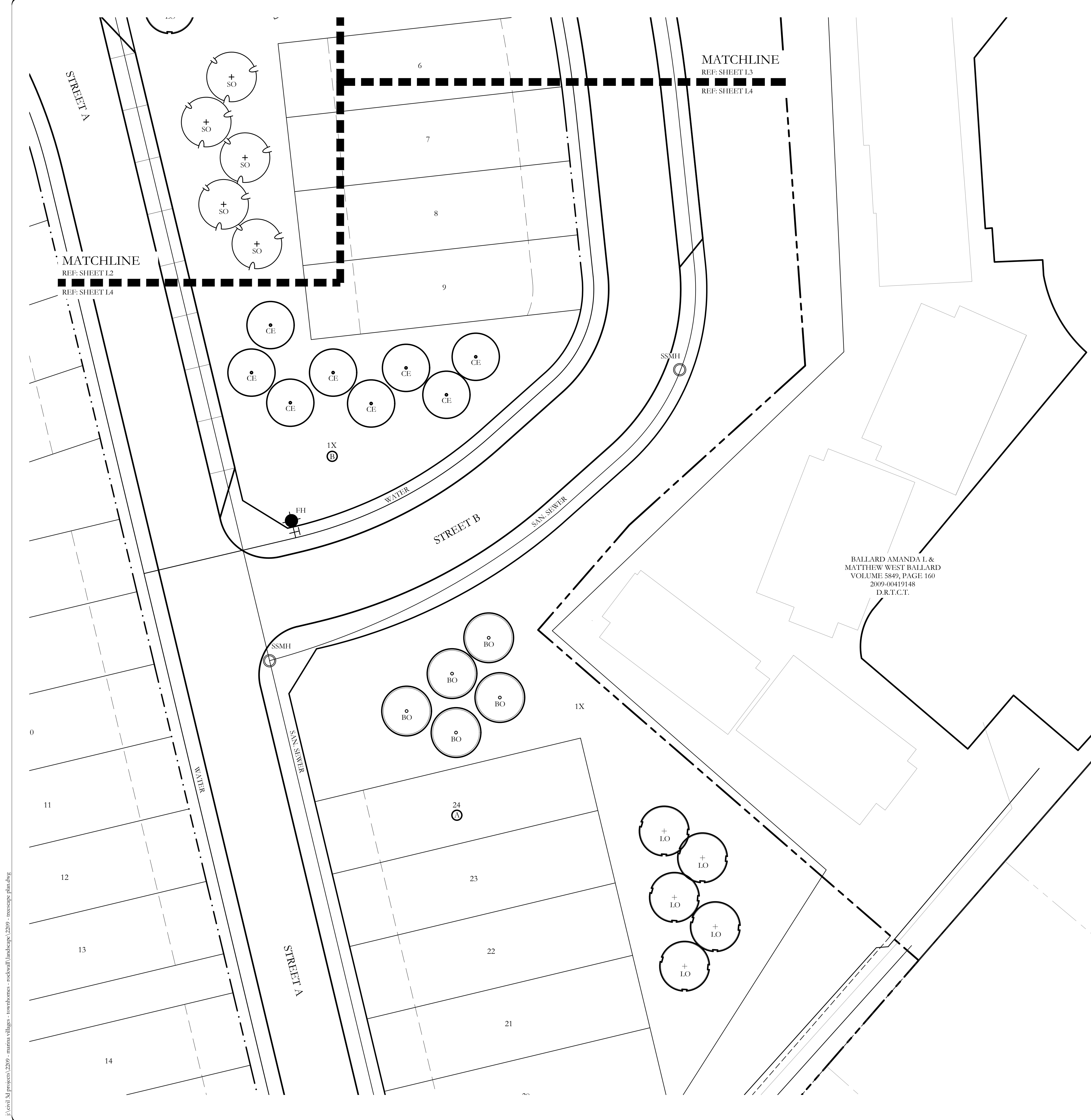
BALLARD AMANDA L &  
MATTHEW WEST BALLARD  
VOLUME 5849, PAGE 160  
2009-00419148  
D.R.T.C.T.

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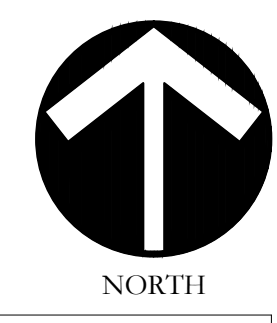
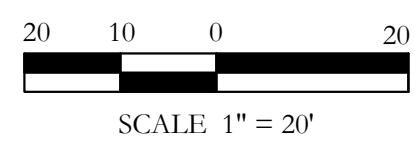
SCALE:  
 1" = 20'  
 One Inch  
 JVC No 2209





PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
	BO	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN
	DW	DESERT WILLOW	CHILOPSIS LINEARIS	2" CALIPER	AS SHOWN
	RB	TEXAS REDBUD	CERCIS CANADENSIS VAR. TEXIENSIS	2" CALIPER	AS SHOWN

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**LANDSCAPE PROVIDED**

HENRY M. CHANDLER DR.

MINIMUM TEN (10) FOOT LANDSCAPE BUFFER PROVIDED

1 - 4" CAL. CANOPY TREE & 1 ACCENT TREE / 50 LF OF LINEAR FRONTAGE  
576 LF OF FRONTAGE / 50 LF = 12 - 4" CAL. TREES & 12 ACCENT TREES REQUIRED.  
PROVIDED: 12 - 4" CALIPER CANOPY TREES & 13 ACCENT TREES PROVIDED

**TREE MITIGATION**

191.5 CAL. INCHES REMOVED

43 - 4" CAL. CANOPY TREES & 13 - 2" CAL. ACCENT TREES = 198 CAL. INCHES REPLACED.

PLANT LIST						
KEY	ESTIMATED QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	REMARKS
LO	13	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
SO	11	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
BO	8	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
CE	11	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
DW	7	DESERT WILLOW	CHILOPSIS LINEARIS	2" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM 8'-0" OVERALL HEIGHT.
RB	6	TEXAS REDBUD	CERCIS CANADENSIS VAR. TEXENSIS	2" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM 8'-0" OVERALL HEIGHT.

**GENERAL LANDSCAPE NOTES**

**INSPECTIONS:**

- NO EXCAVATION SHALL OCCUR IN CITY R.O.W. WITHOUT A R.O.W. PERMIT--CONTACT THE PUBLIC WORKS DEPARTMENT.
- THE CONTRACTOR SHALL MARK ALL WATER LINES, SEWER LINES, AND TREE LOCATIONS PRIOR TO CALLING FOR ROW INSPECTION AND PERMIT.
- THE LANDSCAPE INSTALLATION SHALL COMPLY WITH APPROVED LANDSCAPE DRAWINGS PRIOR TO FINAL ACCEPTANCE BY THE CITY AND ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- WATER METERS, CLEANOUTS AND OTHER APPURTENANCES, SHALL BE ACCESSIBLE, ADJUSTED TO GRADE, CLEARLY MARKED WITH FLAGGING AND COMPLIANT WITH PUBLIC WORKS DEPARTMENT STANDARDS PRIOR TO CALLING FOR FINAL LANDSCAPE AND ROW INSPECTIONS.

**LANDSCAPE STANDARDS:**

- PLANTINGS AND LANDSCAPE ELEMENTS SHALL COMPLY WITH THE CITY'S ENGINEERING DESIGN STANDARDS, PUBLIC ROW VISIBILITY REQUIREMENTS.
- UNLESS OTHERWISE SPECIFIED, TREES SHALL BE PLANTED NO LESS THAN 4' FROM CURBS, SIDEWALKS, UTILITY LINES, SCREENING WALLS AND OTHER STRUCTURES. THE CITY HAS FINAL APPROVAL FOR ALL TREE PLACEMENTS.
- A MINIMUM THREE FEET (3') RADIUS AROUND A FIRE HYDRANT MUST REMAIN CLEAR OF LANDSCAPE PURSUANT TO THE FIRE CODE.
- STREET TREES, WHERE REQUIRED, SHALL BE (10') MINIMUM FROM THE EDGE OF A STORM SEWER CURB INLET BOX AND THE EDGE OF THE ROOT BALL SHALL BE (4') MINIMUM FROM THE WATER METER.
- THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004) SPECIFICATIONS SHALL GOVERN PLANT QUALIFICATIONS, GRADES, AND STANDARDS.
- TREE PLANTING SHALL COMPLY WITH DETAILS HEREIN AND THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) STANDARDS.
- A 2-3" LAYER OF MULCH SHALL BE PROVIDED AROUND THE BASE OF THE PLANTED TREE. THE MULCH SHALL BE PULLED BACK 4" FROM THE TRUNK OF THE TREE.
- TREE PITS SHALL BE TESTED FOR WATER PERCOLATION. IF WATER DOES NOT DRAIN OUT OF TREE PIT WITHIN 24-HOURS, THE TREE SHALL BE MOVED OR DRAINAGE SHALL BE PROVIDED.
- ALL BEDS TO HAVE 3" OF COMPOSTED SOIL, LIVING EARTH TECHNOLOGY, OR APPROVED EQUAL TILLED AND TURNED TO A DEPTH OF 8" MINIMUM.
- ALL PLANT BEDS SHALL BE TOP-DRESSED WITH A MINIMUM OF 3 INCHES OF HARDWOOD MULCH.
- NATIVE SITE TOPSOIL IS TO BE PROTECTED FROM EROSION OR STOCKPILED. NATIVE SITE TOPSOIL SHALL BE LABORATORY TESTED BY AN ACCREDITED LABORATORY AND AMENDED PER SAID LABORATORY'S RECOMMENDATIONS.

**IRRIGATION STANDARDS:**

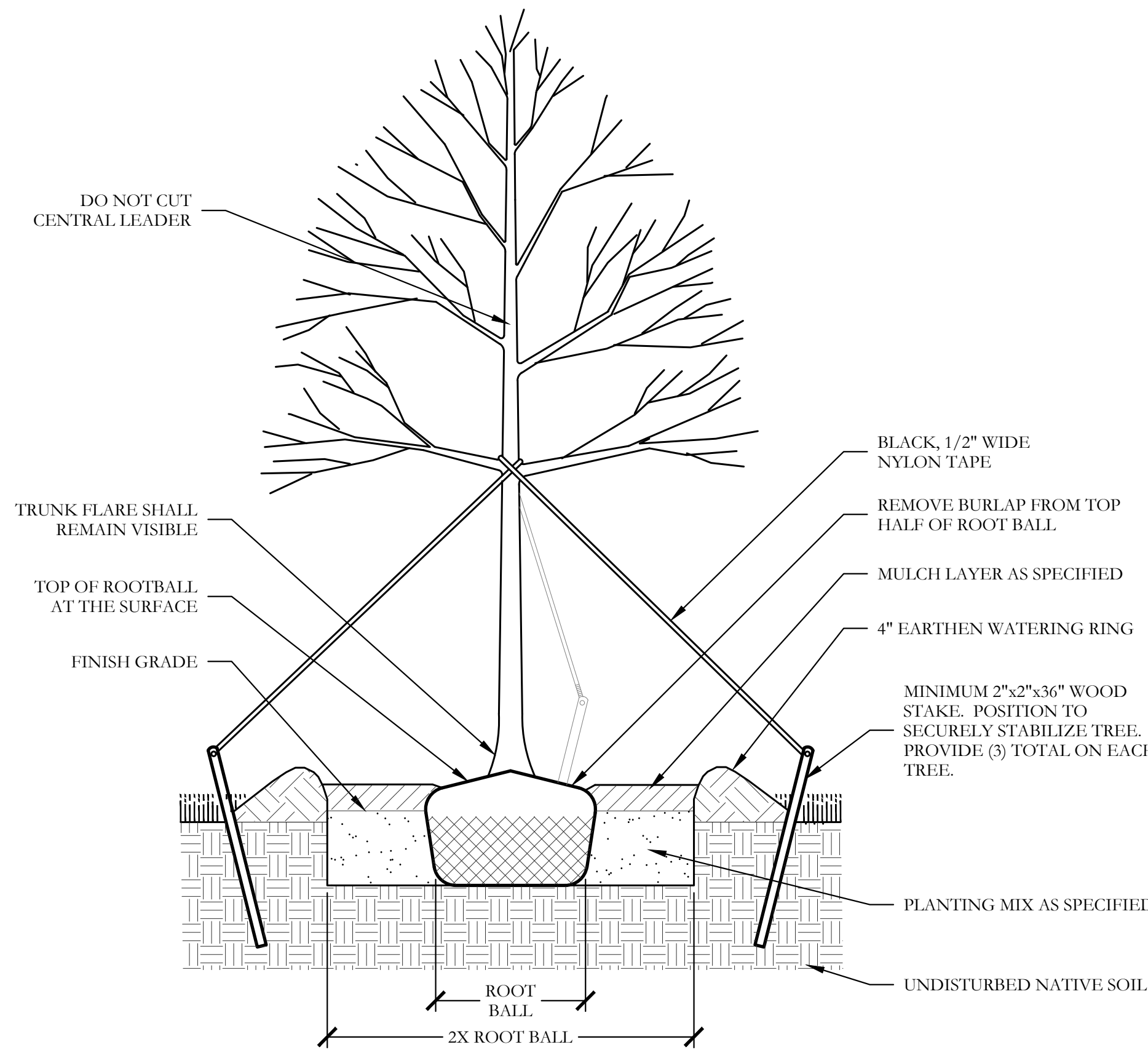
- ANY CHANGES TO THESE APPROVED IRRIGATION DRAWINGS SHALL BE AUTHORIZED BY THE CITY. CONTACT DEVELOPMENT SERVICES FOR AN IRRIGATION PERMIT PRIOR TO INSTALLING THE IRRIGATION SYSTEM.
- IRRIGATION OVER SPRAY ON STREETS AND WALKS IS PROHIBITED.
- MAINLINES, VALVES, OR CONTROL WIRES SHALL NOT BE LOCATED IN THE CITY'S ROW.
- ET IRRIGATION CONTROLLERS SHALL BE PROGRAMMED AND ADJUSTED TO NOT EXCEED THE LANDSCAPE WATER ALLOWANCE (LWA) PRIOR TO APPROVAL OF LANDSCAPE INSTALLATION.
- VALVES SHALL BE LOCATED A MINIMUM OF (3') AWAY FROM STORM SEWERS, AND SANITARY SEWER LINES AND 5 FEET FROM CITY FIRE HYDRANTS AND WATER VALVES.
- THE BORE DEPTH UNDER STREETS, DRIVE AISLES, AND FIRE LANES SHALL PROVIDE (2') OF CLEARANCE (MINIMUM).
- IRRIGATION HEADS THAT RUN PARALLEL AND NEAR PUBLIC WATER AND SANITARY SEWER LINES, SHALL BE FED FROM STUBBED LATERALS OR BULL-HEADS. A MINIMUM FIVE FOOT (5') SEPARATION IS REQUIRED BETWEEN IRRIGATION MAIN LINES AND LATERALS THAT RUN PARALLEL TO PUBLIC WATER AND SANITARY SEWER LINES.
- NO VALVES, BACKFLOW PREVENTION ASSEMBLIES, QUICK COUPLERS ETC. SHALL BE LOCATED CLOSER THAN 10' FROM THE CURB AT STREET OR DRIVE INTERSECTION.

**MAINTENANCE STANDARDS:**

- THE OWNER SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, AND VIGOR OF PLANT MATERIAL IN ACCORDANCE WITH THE DESIGN INTENT AND AS APPROPRIATE FOR THE SEASON OF THE YEAR.
- LANDSCAPE AND OPEN AREAS SHALL BE FREE OF TRASH, LITTER AND WEEDS.
- NO PLANT MATERIAL SHALL BE ALLOWED TO ENCRUCH ON R.O.W., SIDEWALKS OR EASEMENTS TO THE EXTENT THAT VISION OR ROUTE OF TRAVEL FOR VEHICULAR, PEDESTRIAN, OR BICYCLE TRAFFIC IS IMPEDED.
- TREE MAINTENANCE SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE INTERNATIONAL SOCIETY OF ARBORICULTURE.
- TREE STAKING MATERIALS, IF USED, SHALL BE REMOVED AFTER (1) GROWING SEASON, NO MORE THAN (1) YEAR AFTER INSTALLATION (STEEL TREE STAKES, WIRES, AND HOSES ARE PROHIBITED).

**TREE PROTECTION NOTES:**

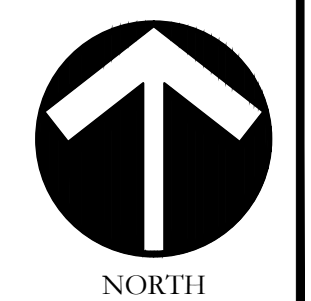
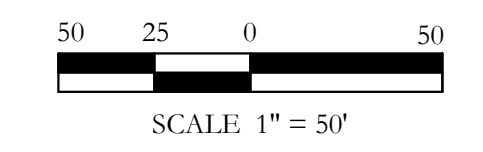
- CONTACT DEVELOPMENT SERVICES FOR A TREE REMOVAL PERMIT PRIOR TO REMOVAL OR TRANSPLANTING OF ANY TREES.
- ALL TREES WHICH ARE TO REMAIN ON SITE SHALL BE PROTECTED WITH A (4') TALL, BRIGHTLY COLORED PLASTIC FENCE, OR SILT FENCE, PLACED AT THE DRIP LINE OF THE TREES.
- PRIOR TO THE PRE-CONSTRUCTION MEETING OR OBTAINING A GRADING PERMIT, ALL TREE MARKINGS AND PROTECTIVE FENCING SHALL BE INSTALLED BY THE OWNER AND BE INSPECTED BY DEVELOPMENT SERVICES.
- NO EQUIPMENT SHALL BE CLEANED, OR HARMFUL LIQUIDS DEPOSITED WITHIN THE LIMITS OF THE ROOT ZONE OF TREES WHICH REMAIN ON SITE.
- NO SIGNS, WIRES, OR OTHER ATTACHMENTS SHALL BE ATTACHED TO ANY TREE TO REMAIN ON SITE.
- VEHICULAR AND CONSTRUCTION EQUIPMENT SHALL NOT PARK OR DRIVE WITHIN THE LIMITS OF THE DRIP LINE.
- GRADE CHANGES IN EXCESS OF 3 INCHES (CUT OR FILL) SHALL NOT BE ALLOWED WITHIN A ROOT ZONE, UNLESS ADEQUATE TREE PRESERVATION METHODS ARE APPROVED BY THE CITY.
- NO TRENCHING SHALL BE ALLOWED WITHIN THE DRIP-LINE OF A TREE, UNLESS APPROVED BY THE CITY.
- ALL REMOVED TREES SHALL BE CHIPPED AND USED FOR MULCH ON SITE OR HAULED OFF-SITE.
- ALL TREE MAINTENANCE TECHNIQUES SHALL BE IN CONFORMANCE WITH INDUSTRY IDENTIFIED STANDARDS. IMPROPER OR MALICIOUS PRUNING TECHNIQUES ARE STRICTLY PROHIBITED.



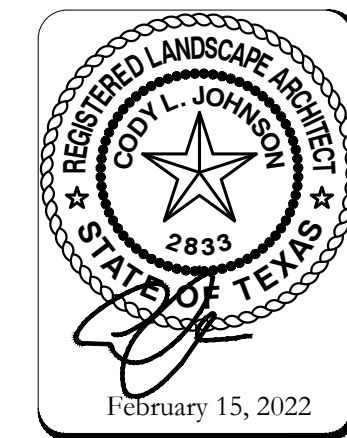
**1 TYPICAL TREE PLANTING SECTION** NOT TO SCALE



Project: Marina Village - townhomes - rockwall/landscapes/2209 - tree survey plan.dwg



SCALE:  
1" = 50'  
One Inch  
JVC No 2209



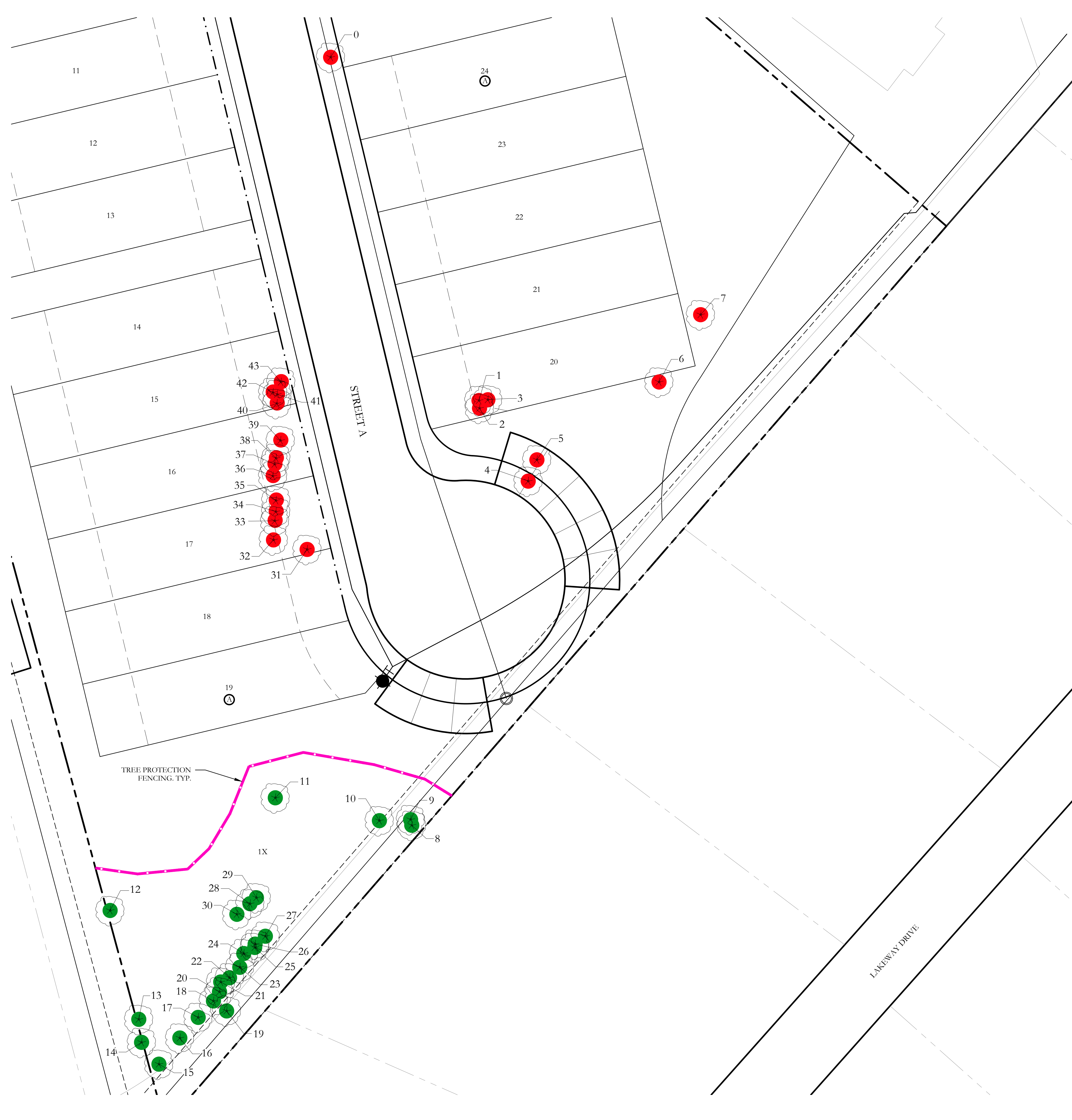
TREE SURVEY PLAN  
TREE SURVEY PLAN

MARINA VILLAGE TOWNHOMES  
CITY OF ROCKWALL  
ROCKWALL COUNTY, TEXAS

**JOHNSON VOLK**  
CONSULTING  
TBPELS: Engineering Firm No. 11962 / Land Surveying Firm No. 10194033  
704 Central Parkway East | Suite 1200 | Plano, TX 75074 | 972.201.3100



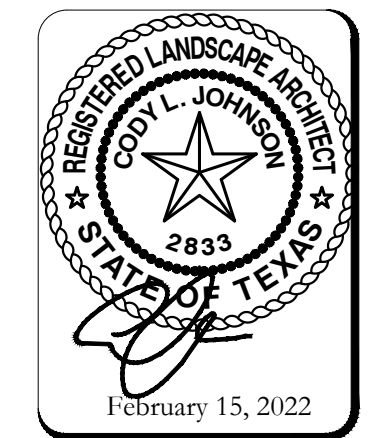
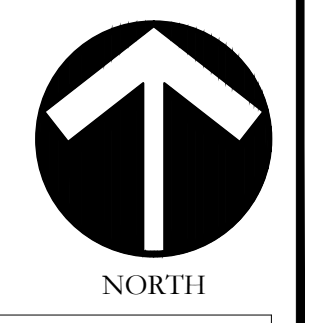
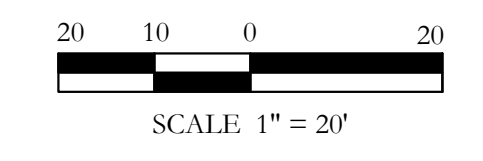
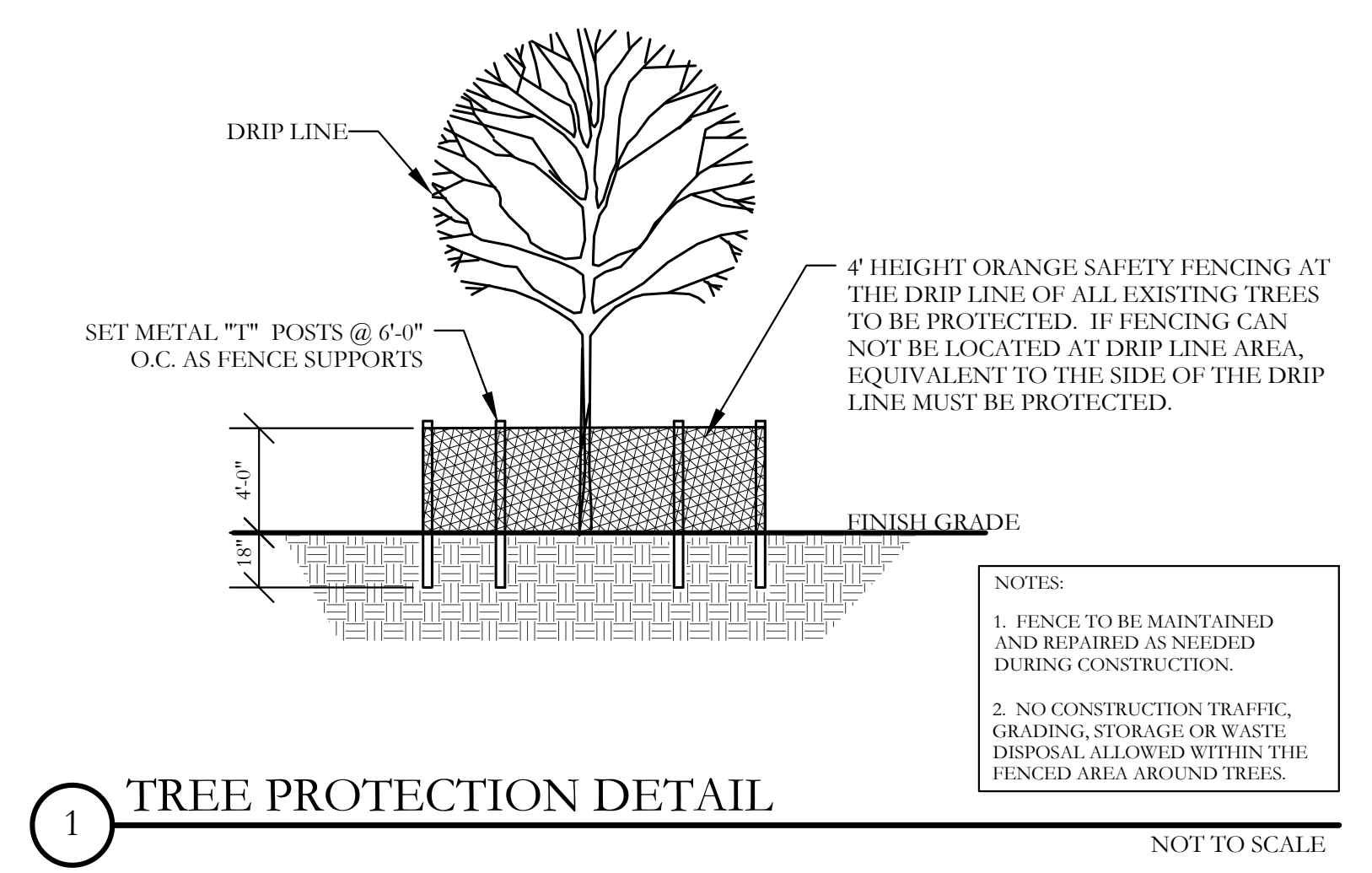
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**LEGEND**

	EXISTING TREE TO BE REMOVED
	EXISTING TREE TO REMAIN
	TREE PROTECTION FENCE, TYP.

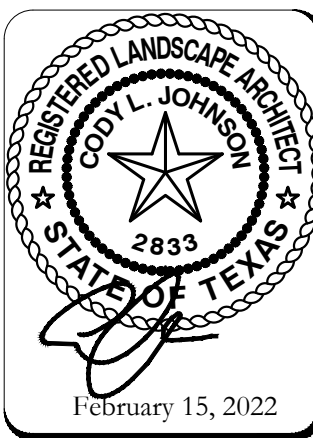
- TREE PROTECTION NOTES**
- EXISTING TREES SHOWN TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION. ORANGE COATED CHAINLINK FENCING (MIN. 4'-0" HEIGHT) SHALL BE INSTALLED AT THE DRIP LINE OF ALL TREES OR TREE GROUPS TO REMAIN. PARKING OF VEHICLES OR PERFORMING WORK WITHIN THESE AREAS OTHER THAN SHOWN ON THE PLAN, WILL NOT BE ALLOWED. THE TREE PROTECTION SHALL REMAIN DURING CONSTRUCTION. OTHER TREE PROTECTION MEASURES SHALL BE IN ACCORDANCE WITH THE CITY'S STANDARDS AND ORDINANCES.
  - DISPOSAL OF ANY WASTE MATERIAL SUCH AS, BUT NOT LIMITED TO, PAINT, ASPHALT, OIL SOLVENTS, CONCRETE, MORTAR, ETC. WITHIN THE CANOPY AREA OF THE EXISTING TREES SHALL NOT BE ALLOWED.
  - NO ATTACHMENTS OR WIRES OF ANY KIND, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY TREE.
  - NO FILL OR EXCAVATION OF ANY NATURE SHALL OCCUR WITHIN THE DRIP LINE OF A TREE TO BE PRESERVED, UNLESS THERE IS A SPECIFIED WELL OR RETAINING WALL SHOWN ON THE GRADING PLAN.
  - NO MATERIALS SHALL BE STORED WITHIN THE DRIP LINE AREA OF A TREE TO BE PRESERVED.





Tree ID Number	Diameter at Breast Height (DBH) (inches)	Common Name	Scientific Name	Protected Tree?	Condition	Comment	Location	Remove or Remain	Mitigation Required, Percentage	Mitigation Required in Caliper Inches
0	28.0	Mesquite	Prosopis spp.	Yes	Healthy	Multi-trunk		Remove	100%	28.0
1	40.0	Bois d'Arc	Machua pomifera	No	Damaged	Leaning/Fall Hazard		Remove	0%	0.0
2	20.0	Bois d'Arc	Machua pomifera	No	Healthy			Remove	0%	0.0
3	8.0	Hackberry	Celtis occidentalis	No	Healthy			Remove	0%	0.0
4	12.0	Grape Myrtle	Lagerstroemia indica	Yes	Healthy			Remove	100%	12.0
5	8.0	Hackberry	Celtis occidentalis	No	Healthy	Multi-trunk		Remove	0%	0.0
6	14.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remove	50%	7.0
7	14.0	Cedar Elm	Ulmus crassifolia	Yes	Healthy			Remove	100%	14.0
8	9.0	Eastern Red Cedar	Juniperus virginiana	No	Healthy			Remain		0.0
9	12.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remain		0.0
10	19.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remain		0.0
11	44.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remain		0.0
12	21.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remain		0.0
13	11.0	Hackberry	Celtis occidentalis	No	Healthy			Remain		0.0
14	24.0	Hackberry	Celtis occidentalis	Yes	Healthy	Multi-trunk		Remain		0.0
15	34.0	Eastern Red Cedar	Juniperus virginiana	Yes	Healthy	Multi-trunk		Remain		0.0
16	35.0	Eastern Red Cedar	Juniperus virginiana	Yes	Healthy	Multi-trunk		Remain		0.0
17	12.0	Eastern Red Cedar	Juniperus virginiana	Yes	Healthy			Remain		0.0
18	9.0	Eastern Red Cedar	Juniperus virginiana	No	Healthy			Remain		0.0
19	29.0	Bois d'Arc	Machua pomifera	No	Healthy	Multi-trunk		Remain		0.0
20	10.0	Eastern Red Cedar	Juniperus virginiana	No	Healthy			Remain		0.0
21	12.0	Green Ash	Fraxinus pennsylvanica	Yes	Healthy			Remain		0.0
22	10.0	Eastern Red Cedar	Juniperus virginiana	No	Healthy			Remain		0.0
23	9.0	Eastern Red Cedar	Juniperus virginiana	No	Healthy			Remain		0.0
24	15.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remain		0.0
25	8.0	Eastern Red Cedar	Juniperus virginiana	No	Healthy			Remain		0.0
26	7.0	Hackberry	Celtis occidentalis	No	Healthy			Remain		0.0
27	29.0	Eastern Red Cedar	Juniperus virginiana	Yes	Healthy	Multi-trunk		Remain		0.0
28	12.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remain		0.0
29	21.0	Green Ash	Fraxinus pennsylvanica	Yes	Healthy	Multi-trunk		Remain		0.0
30	7.0	Green Ash	Fraxinus pennsylvanica	Yes	Healthy	Multi-trunk		Remain		0.0
31	20.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remove	50%	10.0
32	24.0	Eastern Red Cedar	Juniperus virginiana	Yes	Healthy	Multi-trunk		Remove	50%	12.0
33	23.0	Hackberry	Celtis occidentalis	Yes	Healthy	Multi-trunk		Remove	50%	11.5
34	9.0	Hackberry	Celtis occidentalis	No	Healthy			Remove	0%	0.0
35	20.0	Hackberry	Celtis occidentalis	Yes	Healthy	Multi-trunk		Remove	50%	10.0
36	24.0	Green Ash	Fraxinus pennsylvanica	Yes	Healthy	Multi-trunk		Remove	100%	24.0
37	12.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remove	50%	6.0
38	21.0	Hackberry	Celtis occidentalis	Yes	Healthy	Multi-trunk		Remove	50%	10.5
39	19.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remove	50%	9.5
40	21.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remove	50%	10.5
41	24.0	Hackberry	Celtis occidentalis	Yes	Healthy	Multi-trunk		Remove	50%	12.0
42	17.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remove	50%	8.5
43	12.0	Hackberry	Celtis occidentalis	Yes	Healthy			Remove	50%	6.0
	<b>789.0</b>									<b>191.5</b>
	Total Tree Population									Total Tree Replacement, caliper inches

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## Mapcheck 1: MARINA VILLAGE

### Closure Summary

Precision, 1 part in: 1438904.41'  
Error distance: 0.00'  
Error direction: S23°37'10.02"W  
Area: 300075.68 Sq. Ft.  
Square area: 300075.68  
Perimeter: 2677.88'

### Point of Beginning

Easting: 2588822.58'  
Northing: 7007539.35'

### Side 1: Line

Direction: S04°01'18"E  
Angle: [-004.02 (d)]  
Deflection angle: [175.98 (d)]  
Distance: 39.64'  
Easting: 2588825.36'  
Northing: 7007499.81'

### Side 2: Line

Direction: S49°01'18"E  
Angle: [135.00 (d)]  
Deflection angle: [-045.00 (d)]  
Distance: 160.16'  
Easting: 2588946.28'  
Northing: 7007394.78'

### Side 3: Line

Direction: S36°41'52"W  
Angle: [-094.28 (d)]  
Deflection angle: [085.72 (d)]  
Distance: 180.50'  
Easting: 2588838.41'  
Northing: 7007250.06'

### Side 4: Line

Direction: S04°01'18"E  
Angle: [139.28 (d)]  
Deflection angle: [-040.72 (d)]  
Distance: 142.73'  
Easting: 2588848.42'  
Northing: 7007107.68'

### Side 5: Line

Direction: S47°49'42"W  
Angle: [-128.15 (d)]  
Deflection angle: [051.85 (d)]



Distance: 95.59'  
Easting: 2588777.58'  
Northing: 7007043.50'

Side 6: Line

Direction: S40°58'42"W  
Angle: [173.15 (d)]  
Deflection angle: [-006.85 (d)]  
Distance: 56.00'  
Easting: 2588740.85'  
Northing: 7007001.23'

Side 7: Line

Direction: S49°01'18"E  
Angle: [090.00 (d)]  
Deflection angle: [-090.00 (d)]  
Distance: 203.00'  
Easting: 2588894.11'  
Northing: 7006868.10'

Side 8: Line

Direction: S40°58'42"W  
Angle: [-090.00 (d)]  
Deflection angle: [090.00 (d)]  
Distance: 480.10'  
Easting: 2588579.27'  
Northing: 7006505.65'

Side 9: Line

Direction: N15°09'39"W  
Angle: [-056.14 (d)]  
Deflection angle: [123.86 (d)]  
Distance: 407.29'  
Easting: 2588472.76'  
Northing: 7006898.76'

Side 10: Line

Direction: N02°08'12"W  
Angle: [-166.98 (d)]  
Deflection angle: [013.02 (d)]  
Distance: 70.75'  
Easting: 2588470.12'  
Northing: 7006969.46'

Side 11: Line

Direction: N21°26'12"W  
Angle: [160.70 (d)]  
Deflection angle: [-019.30 (d)]  
Distance: 156.54'



Easting: 2588412.91'  
Northing: 7007115.18'

Side 12: Line

Direction: N32°04'21"W  
Angle: [169.36 (d)]  
Deflection angle: [-010.64 (d)]  
Distance: 109.80'  
Easting: 2588354.60'  
Northing: 7007208.22'

Side 13: Line

Direction: N57°55'37"E  
Angle: [-090.00 (d)]  
Deflection angle: [090.00 (d)]  
Distance: 90.00'  
Easting: 2588430.87'  
Northing: 7007256.01'

Side 14: Line

Direction: N44°54'57"E  
Angle: [166.99 (d)]  
Deflection angle: [-013.01 (d)]  
Distance: 54.37'  
Easting: 2588469.26'  
Northing: 7007294.51'

Side 15: Curve

Curve direction: Clockwise  
Radius: [471.20']  
Arc length: 153.06'  
Delta angle: 018.61 (d)  
Tangent: [77.21']  
Chord direction: N54°13'19"E  
Chord angle: [-170.69 (d)]  
Deflection angle: [009.31 (d)]  
Chord distance: 152.39'  
Easting: 2588592.89'  
Northing: 7007383.60'

Side 16: Curve

Curve direction: Counter-clockwise  
Radius: [1039.99']  
Arc length: 278.35'  
Delta angle: 015.34 (d)  
Tangent: [140.01']  
Chord direction: N55°51'37"E  
Chord angle: [172.33 (d)]



Deflection angle: [-007.67 (d)]

Chord distance: 277.52'

Easting: 2588822.58'

Northing: 7007539.35'