

#### **PLANNING & ZONING CASE NO.**

#### **PLANNING & ZONING FEE**

#### **PLATTING APPLICATION**

MASTER PLAT PRELIMINARY PLAT FINAL PLAT REPLAT

AMENDING OR MINOR PLAT PLAT REINSTATEMENT REQUEST

#### SITE PLAN APPLICATION

SITE PLAN

AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING

#### **ZONING APPLICATION**

ZONING CHANGE SPECIFIC USE PERMIT PD DEVELOPMENT PLAN

#### OTHER APPLICATION

TREE REMOVAL

VARIANCE REQUEST/SPECIAL EXCEPTIONS

#### RECORD OF RECOMMENDATIONS, VOTING RECORDS, AND CONDITIONS OF APPROVAL

ARCHITECTURE REVIEW BOARD	CITY COUNCIL READING #2
PLANNING AND ZONING COMMISSION	CONDITIONS OF APPROVAL
CITY COUNCIL READING #1	NOTES



Platting Application Fees:

[ ] Master Plat (\$100.00 + \$15.00 Acre) 1

[ ] Final Plat (\$300.00 + \$20.00 Acre) 1

[ ] Replat (\$300.00 + \$20.00 Acre) 1

[ ] Amending or Minor Plat (\$150.00)

Notary Public in and for the State of Texas

[ ] Preliminary Plat (\$200.00 + \$15.00 Acre) 1(200+36.42\*15=\$746.30)

#### **DEVELOPMENT APPLICATION**

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

PLANNING & ZONING CASE NO.	SP2023-002
	CONSIDERED ACCEPTED BY THE COTOR AND CITY ENGINEER HAVE
DIRECTOR OF PLANNING:	
CITY ENGINEER:	

**Zoning Application Fees:** 

Other Application Fees:

[ ] Zoning Change (\$200.00 + \$15.00 Acre) 1

[ ] Specific Use Permit (\$200.00 + \$15.00 Acre) 1

[ ] PD Development Plans (\$200.00 + \$15.00 Acre) 1

My Commission Expires

Please check the appropriate box below to indicate the type of development request [SELECT ONLY ONE BOX]:

[ ] Plat Reinstaten  Site Plan Application  [✓ Site Plan (\$250)	nent Request (\$100.00)  on Fees: .00 + \$20.00 Acre) 1 250+20*33.921=\$928.42  Plan/Elevations/Landscaping Plan (\$100.00)			acreage when mu acre, round up to	ultiplying by the o one (1) acre.
PROPERTY INFO	RMATION [PLEASE PRINT]				
Address	none				
Subdivision	Discovery Lakes, Phase 1		Lot	Block	
General Location	36.42 Acres out of the 307 Acre Tract	near the NE corner of	of SH 276 and Roch	elle Road	
ZONING, SITE PL	AN AND PLATTING INFORMATION [PL	LEASE PRINT]			
Current Zoning	PD-78	Current Use	None		
Proposed Zoning	PD-78	Proposed Use	Single Family	Residential	
Acreage	33.921 Lots [Curren	nt] 1	Lots [Propos	sed]	32
process, and failur  OWNER/APPLICA	PLATS: By checking this box you acknowledge that due e to address any of staff's comments by the date provide ANT/AGENT INFORMATION [PLEASE PRING SCOVERY Lakes, LLC./Discovery Lakes Ph	ed on the Development Calen  IT/CHECK THE PRIMARY CON	dar will result in the denia	l of your case. JRES ARE REQUI	
Contact Person	Nick DiGiuseppe	Contact Person	Cameron Slown		
Address	15400 Knoll Trail Drive Suite 230	Address	825 Watters Cre Suite M300	ek Blvd.	
City, State & Zip	Dallas, Texas 75248	City, State & Zip	Allen, Texas 750	13	
Phone	972-960-9941	Phone	817-889-5050		
E-Mail	southbrookinvestments@outlook.com	E-Mail	cslown@tnpinc.d	com	
"I hereby certify that I am cover the cost of this appl that the City of Rockwall	ed authority, on this day personally appeared \( \sum \)   \( \text{L} \)	nation submitted herein is true  15 day of Januar  ormation contained within the	e and correct; and the app yy , 20 <u>23</u> . is application to the publi	lication fee of \$_ By signing this a c. The City is als	\$928.42 , to
permitted to reproduce a information."  Given under my hand and	ny copyrighted information submitted in conjunction wit I seal of office on this the <u>loth</u> day of <u>Janua</u>		production is associated or	ALYSON D	DIBLASI )
,	Owner's Signature	Mile		Notary Public, St Comm, Expires Notary ID 13	03-21-2024

alyson kuklasi

# GENERAL CONSTRUCTION NOTES

- ALL CONSTRUCTION, TESTING, AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY'S CURRENT STANDARDS, DETAILS, AND SPECIFICATIONS.
   PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL BE FAMILIAR
- 2. PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL BE FAMILIAN WITH THE PLANS INCLUDING ALL NOTES, STANDARD SPECIFICATIONS, DETAILS, AND CITY STANDARDS.
- 3. TESTING AND INSPECTION OF MATERIALS SHALL BE PERFORMED BY A COMMERCIAL TESTING LABORATORY APPROVED BY THE CLIENT AND CITY. CONTRACTOR SHALL FURNISH MATERIALS OR SPECIMENS FOR TESTING, AND SHALL FURNISH SUITABLE EVIDENCE THAT THE MATERIALS PROPOSED TO BE INCORPORATED INTO THE WORK ARE IN ACCORDANCE WITH THE SPECIFICATIONS.
- 4. CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 48 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION.
- 5. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO BEGINNING ANY CONSTRUCTION.
- 6. CONTRACTOR MUST KEEP AVAILABLE ON-SITE AT ALL TIMES APPROVED CONSTRUCTION PLANS AND COPIES OF ANY REQUIRED PERMITS ALONG WITH THE CURRENT VERSIONS OF THE FOLLOWING REFERENCES: CITY OF ROCKWALL ENGINEERING STANDARDS, NCTCOG SPECIFICATIONS, TXDOT SPECIFICATIONS,
- TXDOT STANDARD DRAWINGS.

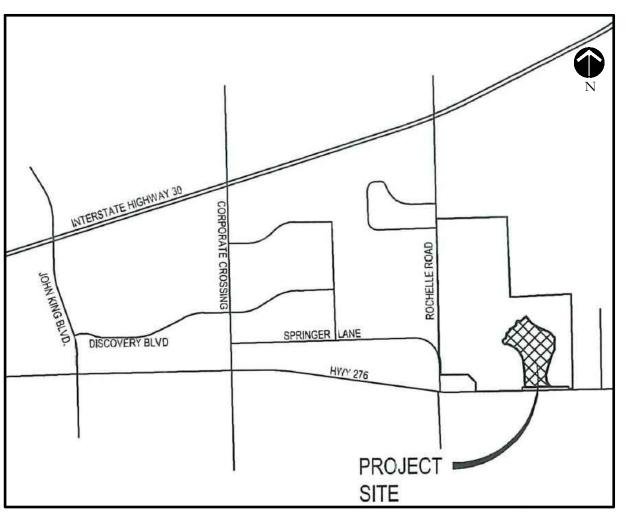
  7. ALL SHOP DRAWINGS, WORKING DRAWINGS OR OTHER DOCUMENTS WHICH REQUIRE REVIEW BY THE CITY SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF SCHEDULED CONSTRUCTION TO ALLOW NO LESS
- THAN 14 CALENDAR DAYS FOR REVIEW AND RESPONSE BY THE CITY.

  8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED CONSTRUCTION SURVEYING AND STAKING AND SHALL NOTIFY THE CLIENT AND CITY OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH ANY WORK.
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL SURVEY MARKERS INCLUDING IRON RODS, PROPERTY CORNERS, OR SURVEY MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION AND OUTSIDE ROW DURING CONSTRUCTION. ANY SURVEY MARKERS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE CLIENT.
- 10. CONTRACTOR IS RESPONSIBLE FOR KEEPING STREETS AND DRIVEWAYS ADJACENT TO THE PROJECT FREE OF MUD AND DEBRIS AT ALL TIMES. CONTRACTOR SHALL CLEAN UP AND REMOVE ALL LOOSE MATERIAL RESULTING FROM CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST.
- 11. THE EXISTENCE AND LOCATIONS OF THE PUBLIC AND FRANCHISE UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED FROM AVAILABLE RECORDS AND ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE DEPTH AND LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATING, TRENCHING, OR DRILLING AND SHALL BE REQUIRED TO TAKE ANY PRECAUTIONARY MEASURES TO PROTECT ALL LINES SHOWN AND / OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PUBLIC AGENCIES AND FRANCHISE UTILITIES 48 HOURS PRIOR TO CONSTRUCTION. (DIG-TESS 1-800-344-8377) THE CONTRACTOR MAY BE REQUIRED EXPOSE THESE FACILITIES AT NO COST TO THE CITY. THE CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGES TO UTILITIES IF THE DAMAGE IS CAUSED BY NEGLIGENCE OR FAILURE TO HAVE LOCATES PERFORMED.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES OR ADJACENT PROPERTIES DURING CONSTRUCTION. ANY REMOVAL OR DAMAGE TO EXISTING FACILITIES SHALL BE REPLACED OR REPAIRED TO EQUAL OR BETTER CONDITION BY THE CONTRACTOR.
- 13. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL TEMPORARY AND PERMANENT TRAFFIC CONTROL IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE LATEST REVISION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) AND TXDOT BARRICADE AND CONSTRUCTION STANDARDS.
- 14. CONTRACTOR SHALL NOT IMPEDE TRAFFIC ON EXISTING STREETS, DRIVEWAYS, ALLEYS, OR FIRE LANES OPEN TO THE PUBLIC. IN THE EVENT THE CONSTRUCTION WORK REQUIRES THE CLOSURE OF AN EXISTING STREET, ALLEY, OR FIRE LANE, THE CONTRACTOR SHALL REQUEST THE ROAD CLOSURE THROUGH THE CITY
- 15. CONTRACTOR SHALL NOT STORE MATERIALS, EQUIPMENT OR OTHER CONSTRUCTION ITEMS ON ADJACENT PROPERTIES OR RIGHT-OF-WAY WITHOUT THE PRIOR WRITTEN CONSENT OF THE PROPERTY OWNER AND THE CITY.
- 16. TEMPORARY FENCING SHALL BE INSTALLED PRIOR TO THE REMOVAL OF EXISTING FENCING. TEMPORARY FENCING SHALL BE REMOVED AFTER PROPOSED FENCING IS APPROVED BY THE CITY. ALL TEMPORARY AND PROPOSED FENCING LOCATIONS SHALL BE SUBJECT TO FIELD REVISIONS AS DIRECTED BY THE CITY.
- 17. UNUSABLE EXCAVATED MATERIAL, OR CONSTRUCTION DEBRIS SHALL BE REMOVED AND DISPOSED OF OFFSITE AT AN APPROVED DISPOSAL FACILITY BY THE CONTRACTOR AT HIS EXPENSE.
- 18. CONTRACTOR SHALL AVOID DAMAGE TO EXISTING TREES. WHEN NECESSARY, TREES AND SHRUB TRIMMING FOR CONSTRUCTION SHALL BE PERFORMED BY CERTIFIED TREE WORKER OR UNDER THE DIRECTION OF A REGISTERED LANDSCAPE ARCHITECT OR CERTIFIED ARBORIST.
- 19. EROSION CONTROL DEVICES SHALL BE INSTALLED ON ALL PROJECTS PRIOR TO BEGINNING CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE PROJECT IN A CONDITION ACCEPTABLE TO THE CITY.
- 20. CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING LANDSCAPE IRRIGATION SYSTEMS. DAMAGE TO EXISTING IRRIGATION SYSTEMS AND LANDSCAPE MATERIALS SHALL BE RESTORED TO EQUAL OR BETTER CONDITION AT NO COST TO CITY OR CLIENT.
- 21. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A NEAT AND ACCURATE RECORD OF CONSTRUCTION FOR THE CLIENT'S AND CITY'S RECORDS.

# CONSTRUCTION PLANS FOR SCREENING AND BUFFERING

~Discovery Lakes Ph. 1~ CITY OF ROCKWALL ROCKWALL COUNTY, TEXAS

SUBMITTAL DATE: November 22, 2021



LOCATION MAP
NOT TO SCALE

# OWNER / DEVELOPER:

DISCOVERY LAKES, LLC. 15400 KNOLL TRAIL DRIVE, SUITE 230 DALLAS, TEXAS 75248

# **CIVIL ENGINEER:**

TEAGUE NALL AND PERKINS, INC. 825 WATTERS CREEK BOULEVARD SUITE, M300 ALLEN, TEXAS 75013 PH. (214) 461-9867 CONTACT: CAMERON SLOWN, P.E.

# LANDSCAPE ARCHITECT:

SHEET INDEX

OVERALL LAYOUT PLAN

HARDSCAPE PLANS

LANDSCAPE PLANS

IRRIGATION PLANS

HARDSCAPE DETAILS

LANDSCAPE DETAILS

IRRIGATION DETAILS

HS2-HS4

HS5-HS8

IR1-IR7

IR8-IR9

CODY JOHNSON STUDIO, LLC 9720 COIT ROAD SUITE 220-333 PLANO, TEXAS 75025 PH. (903) 570-0162 CONTACT: CODY JOHNSON, RLA, ASLA, LI

# GENERAL LANDSCAPE NOTES:

#### INSPECTION

- 1. NO EXCAVATION SHALL OCCUR IN CITY R.O.W. WITHOUT A R.O.W. PERMIT--CONTACT THE PUBLIC WORKS DEPARTMENT.
- 2. THE CONTRACTOR SHALL MARK ALL WATER LINES, SEWER LINES, AND TREE LOCATIONS PRIOR TO CALLING FOR ROW INSPECTION AND PERMIT.
- 3. THE LANDSCAPE INSTALLATION SHALL COMPLY WITH APPROVED LANDSCAPE DRAWINGS PRIOR TO FINAL ACCEPTANCE BY THE CITY AND ISSUANCE OF A
- 4. 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:

- 1. PLANTINGS AND LANDSCAPE ELEMENTS SHALL COMPLY WITH THE CITY'S
- ENGINEERING DESIGN STANDARDS, PUBLIC R.O.W. VISIBILITY REQUIREMENTS.

  2. 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.

  3. A MINIMUM THREE FEET (3') RADIUS AROUND A FIRE HYDRANT MUST REMAIN CLEAR OF LANDSCAPE PURSUANT TO THE FIRE CODE.
- 4. 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')
- STORM SEWER CURB INLET BOX AND THE EDGE OF THE ROOT BALL SHALL BE (4') MINIMUM FROM THE WATER METER.
- 5. THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2014) SPECIFICATIONS SHALL GOVERN PLANT QUALIFICATIONS, GRADES, AND STANDARDS.
   6. TREE PLANTING SHALL COMPLY WITH DETAILS HEREIN AND THE INTERNATIONAL
- SOCIETY OF ARBORICULTURE (ISA) STANDARDS.

  7. 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.

  8. 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.
- 9. ALL BEDS TO HAVE 3" OF COMPOSTED SOIL, LIVING EARTH TECHNOLOGY, OR APPROVED EQUAL TILLED AND TURNED TO A DEPTH OF 8" MINIMUM.
- 10. ALL PLANT BEDS SHALL BE TOP-DRESSED WITH A MINIMUM OF 3 INCHES OF
- 11. NATIVE SITE TOPSOIL IS TO BE PROTECTED FROM EROSION OR STOCKPILED. NATIVE SITE TOPSOIL SHALL BE LABORATORY TESTED BY AND ACCREDITED LABORATORY AND AMENDED PER SAID LABORATORY'S RECOMMENDATIONS.

#### IRRIGATION STANDARDS:

- 1. ANY CHANGES TO THESE APPROVED IRRIGATION DRAWINGS SHALL BE AUTHORIZED BY THE CITY.
- 2. CONTACT DEVELOPMENT SERVICES FOR AN IRRIGATION PERMIT PRIOR TO
- INSTALLING THE IRRIGATION SYSTEM.
- 3. IRRIGATION OVER-SPRAY ON STREETS AND WALKS IS PROHIBITED.
- 4. MAINLINES, VALVES, OR CONTROL WIRES SHALL NOT BE LOCATED IN THE CITY'S ROW
- 5. ET IRRIGATION CONTROLLERS SHALL BE PROGRAMMED AND ADJUSTED TO NOT EXCEED THE LANDSCAPE WATER ALLOWANCE (LWA) PRIOR TO APPROVAL OF
- LANDSCAPE INSTALLATION.

  6. 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.
- 7. THE BORE DEPTH UNDER STREETS, DRIVE AISLES, AND FIRE LANES SHALL PROVIDE (2') OF CLEARANCE (MINIMUM).

  8. IRRIGATION HEADS THAT RUN PARALLEL AND NEAR PUBLIC WATER AND SANITARY
- SEWER LINES; SHALL BE FED FROM STUBBED LATERALS OR BULL-BEADS. A MINIMUM FIVE FOOT (5') SEPARATION IS REQUIRED BETWEEN IRRIGATION MAIN LINES AND
- LATERALS THAT RUN PARALLEL TO PUBLIC WATER AND SANITARY SEWER LINES.

  9. NO VALVES, BACKFLOW PREVENTION ASSEMBLIES, QUICK COUPLERS ETC. SHALL BE LOCATED CLOSER THAN 10' FROM THE CURB AT STREET OR DRIVE INTERSECTION.

# MAINTENANCE STANDARDS:

- 1. 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.
- AS APPROPRIATE FOR THE SEASON OF THE YEAR.

  2. LANDSCAPE AND OPEN AREAS SHALL BE FREE OF TRASH, LITTER AND WEEDS.
- 3. NO PLANT MATERIAL SHALL BE ALLOWED TO ENCROACH ON R.O.W., SIDEWALKS OR EASEMENTS TO THE EXTENT THAT VISION OR ROUTE OF TRAVEL FOR VEHICULAR, PEDESTRIAN, OR BICYCLE TRAFFIC IS IMPEDED.
- 4. 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:

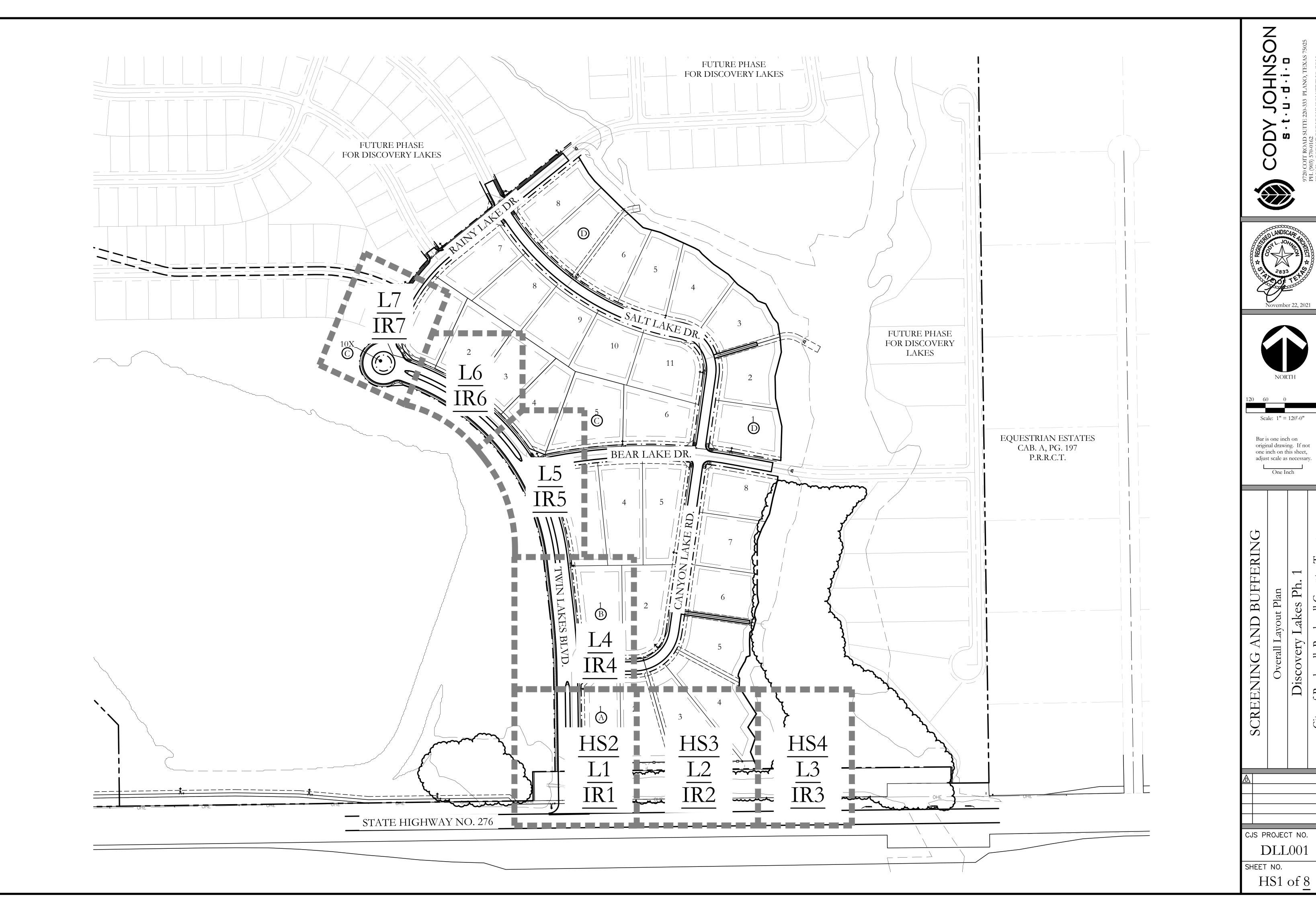
- 1. CONTACT DEVELOPMENT SERVICES FOR A TREE REMOVAL PERMIT PRIOR TO
- REMOVAL OR TRANSPLANTING OF ANY TREES.

  2. 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
- 3. 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.

  4. NO EQUIPMENT SHALL BE CLEANED, OR HARMFUL LIQUIDS DEPOSITED WITHIN
- THE LIMITS OF THE ROOT ZONE OF TREES WHICH REMAIN ON SITE.

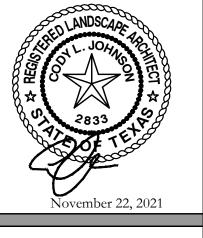
  5. NO SIGNS, WIRES, OR OTHER ATTACHMENTS SHALL BE ATTACHED TO ANY TREE TO
- 5. NO SIGNS, WIRES, OR OTHER ATTACHMENTS SHALL BE ATTACHED TO ANY TREE REMAIN ON SITE.
- 6. VEHICULAR AND CONSTRUCTION EQUIPMENT SHALL NOT PARK OR DRIVE WITHIN THE LIMITS OF THE DRIP LINE.
  7. GRADE CHANGES IN EXCESS OF 3 INCHES (CUT OR FILL) SHALL NOT BE ALLOWED
- WITHIN A ROOT ZONE, UNLESS ADEQUATE TREE PRESERVATION METHODS ARE APPROVED BY THE CITY.
- 8. NO TRENCHING SHALL BE ALLOWED WITHIN THE DRIP-LINE OF A TREE, UNLESS APPROVED BY THE CITY.
- 9. ALL REMOVED TREES SHALL BE CHIPPED AND USED FOR MULCH ON SITE OR HAULED OFF-SITE.
- 10. ALL TREE MAINTENANCE TECHNIQUES SHALL BE IN CONFORMANCE WITH INDUSTRY IDENTIFIED STANDARDS. IMPROPER OR MALICIOUS PRUNING TECHNIQUES ARE STRICTLY PROHIBITED.



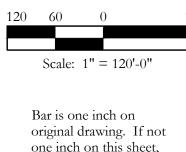








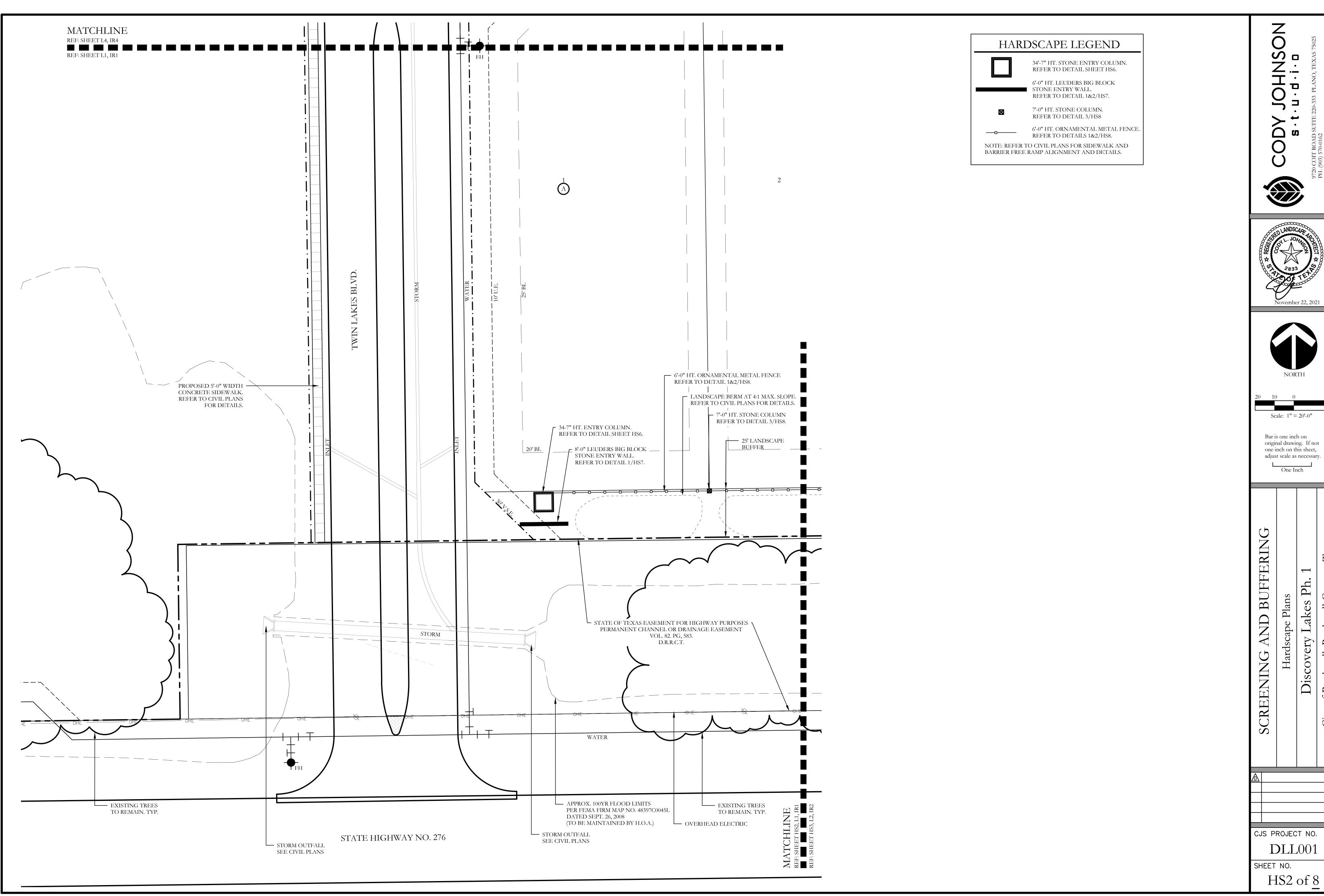




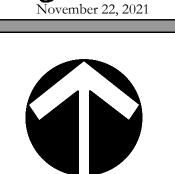
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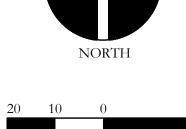
Discovery Lakes Ph.

CJS PROJECT NO. DLL001







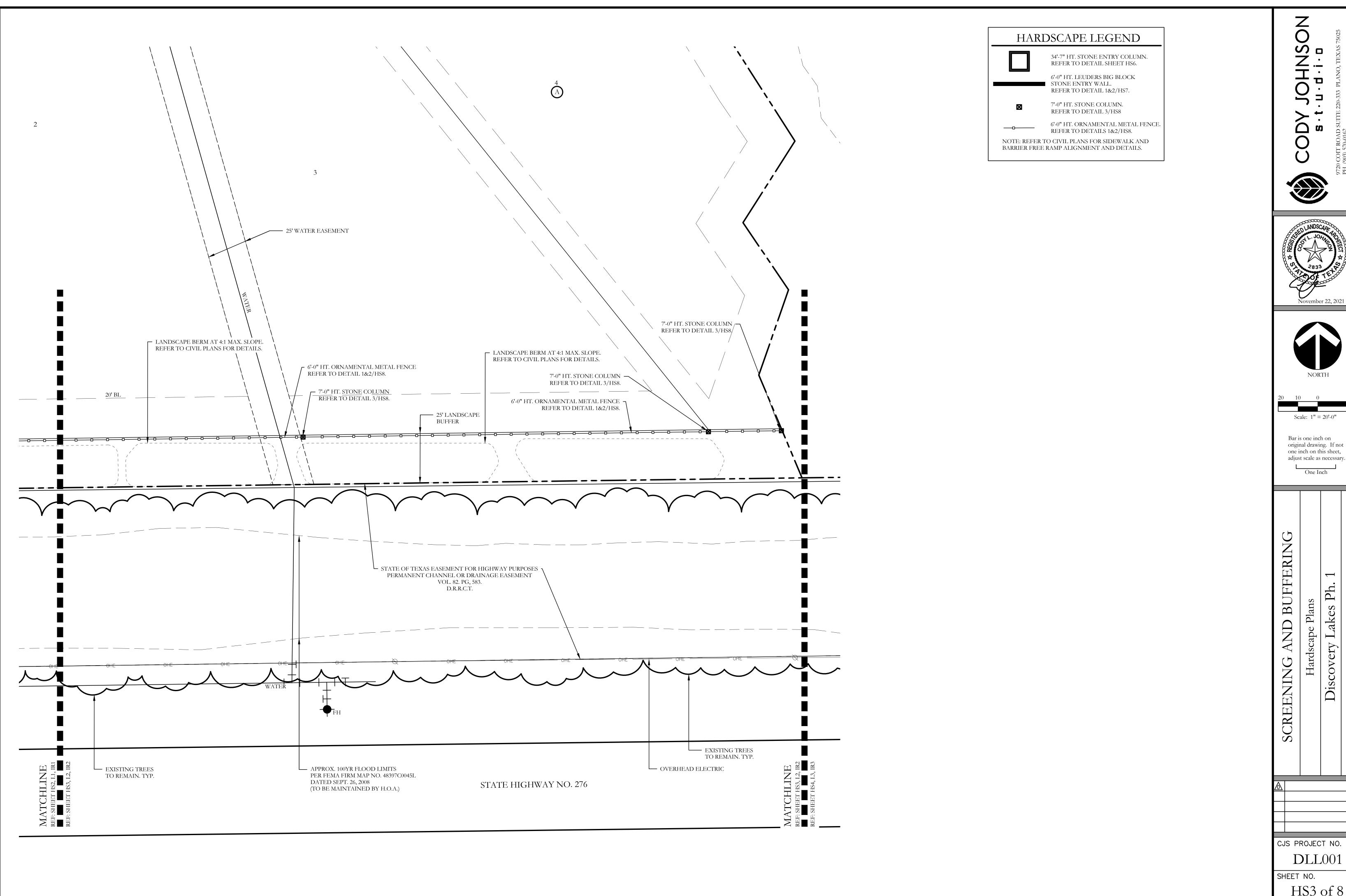


Scale: 1'' = 20'-0''

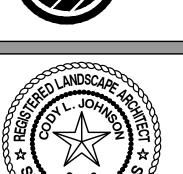
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Ph.

**DLL**001





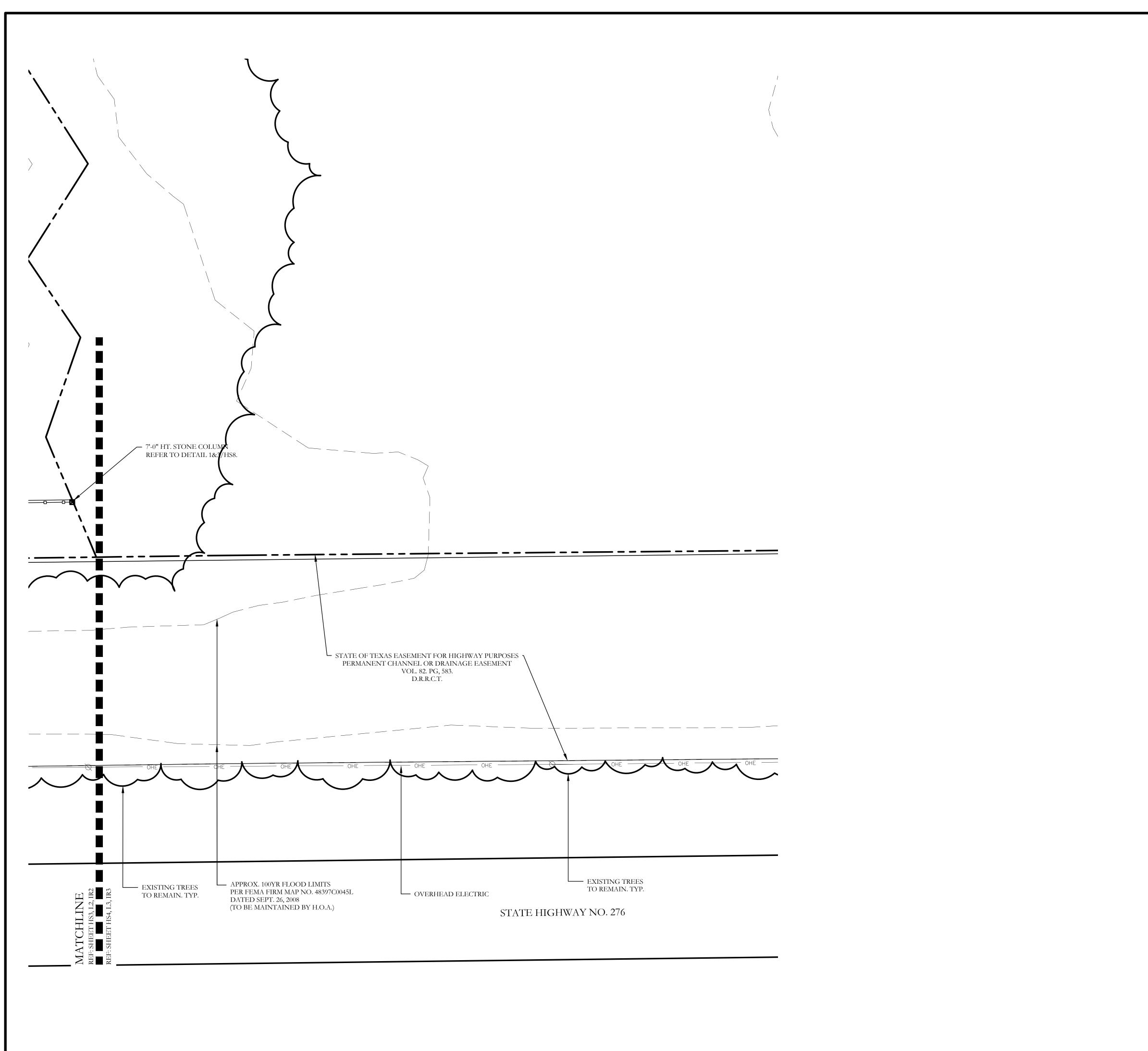




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DLL001

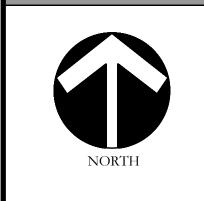
HS3 of 8

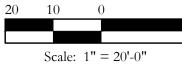


HARDSCAPE LEGEND 34'-7" HT. STONE ENTRY COLUMN. REFER TO DETAIL SHEET HS6. 6'-0" HT. LEUDERS BIG BLOCK STONE ENTRY WALL. REFER TO DETAIL 1&2/HS7. 7'-0" HT. STONE COLUMN. REFER TO DETAIL 3/HS8 6'-0" HT. ORNAMENTAL METAL FENCE. REFER TO DETAILS 1&2/HS8.

> NOTE: REFER TO CIVIL PLANS FOR SIDEWALK AND BARRIER FREE RAMP ALIGNMENT AND DETAILS.







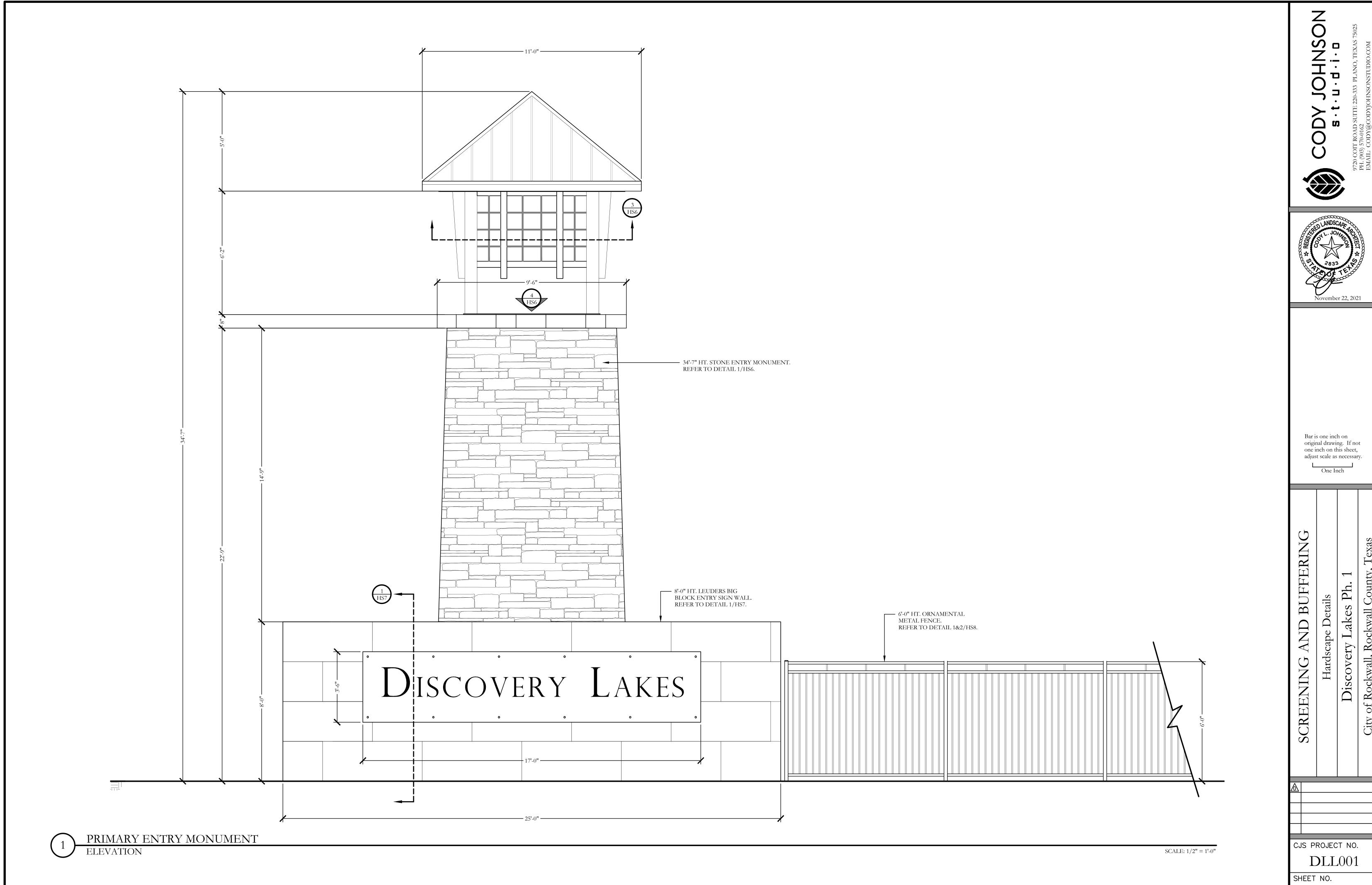
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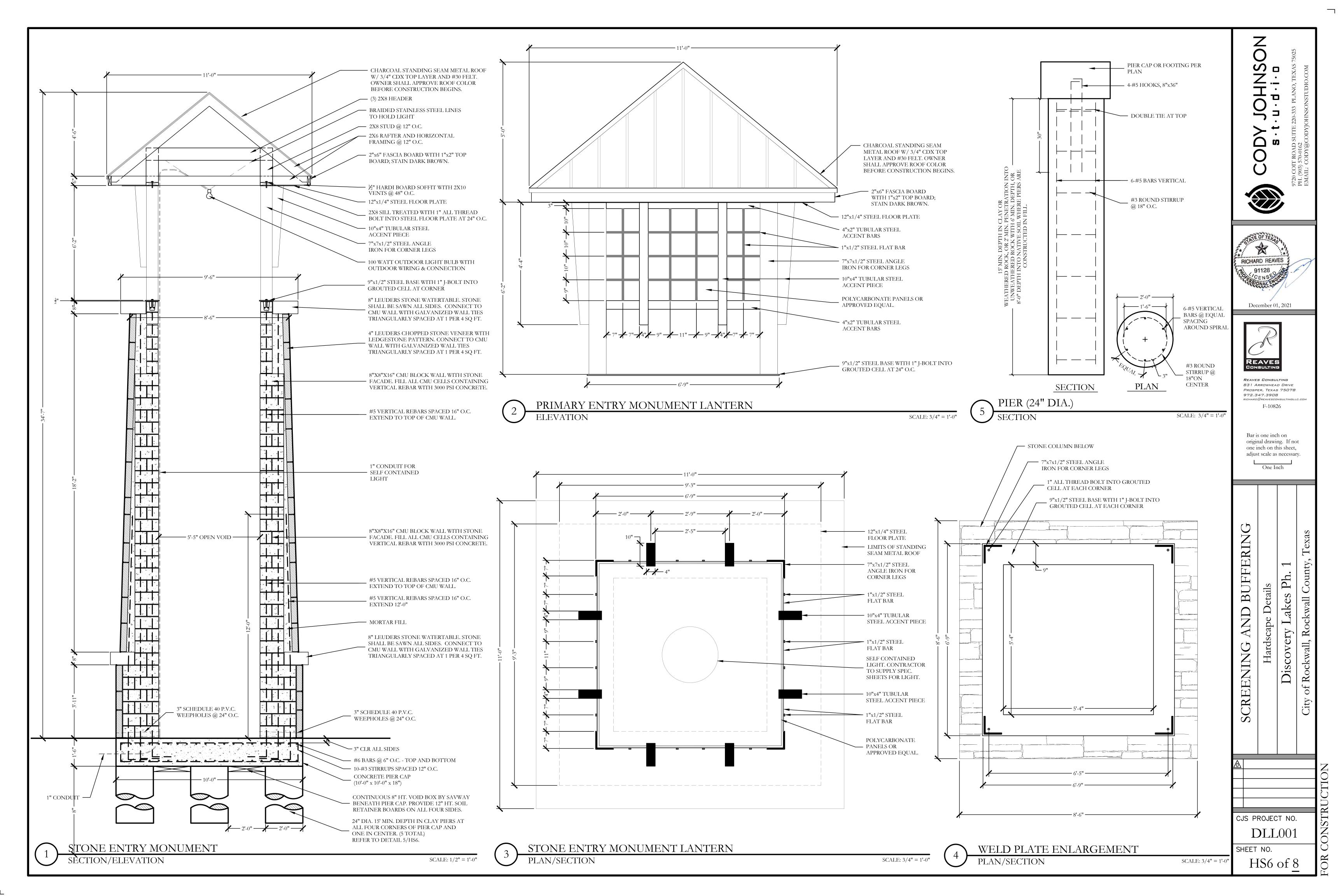
HS4 of <u>8</u>

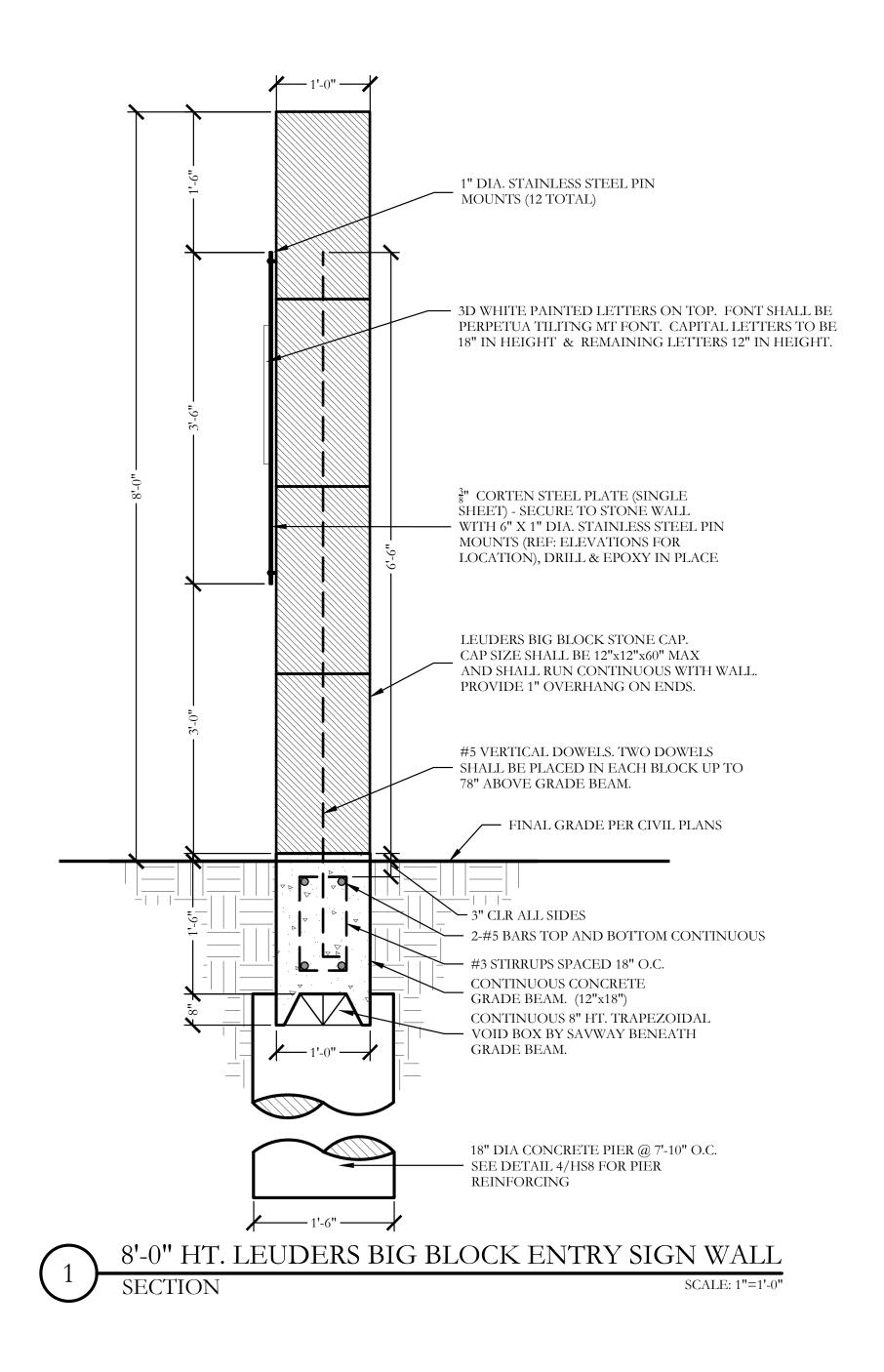
DLL001 SHEET NO.

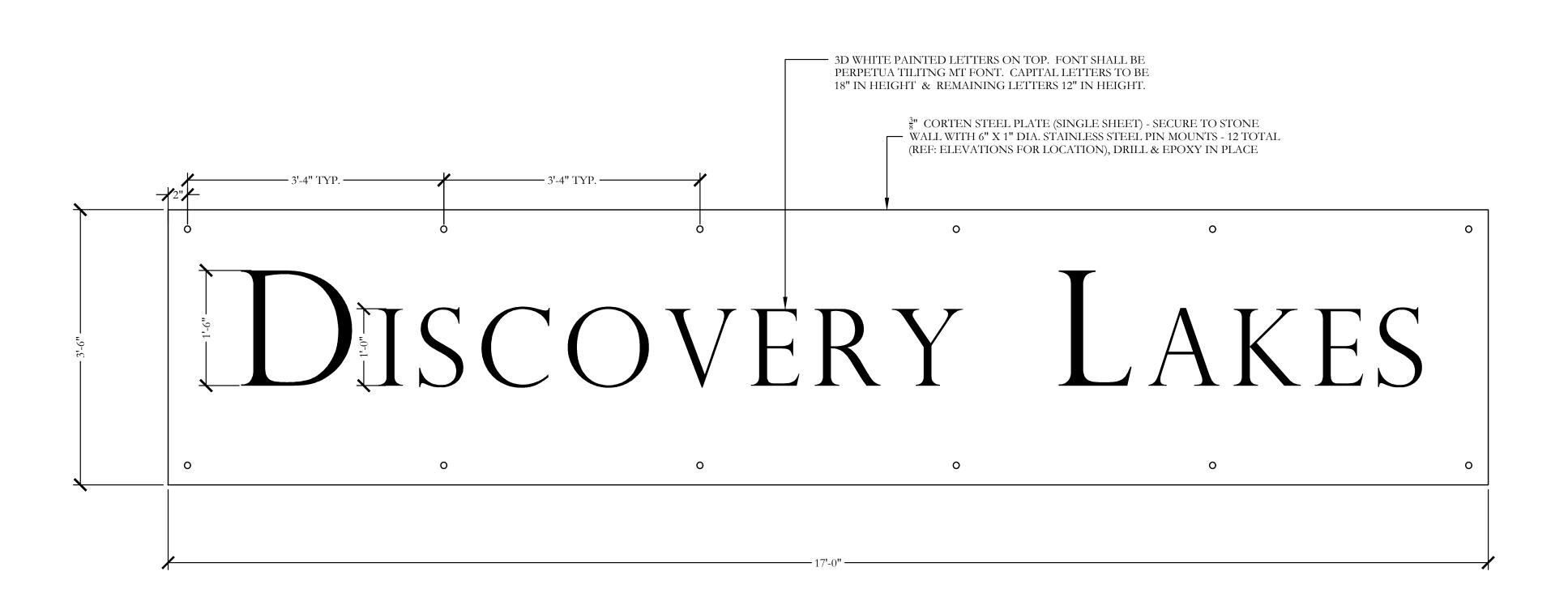




HS5 of <u>8</u>

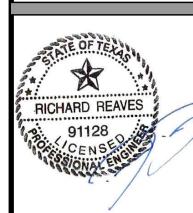






CORTEN SIGN PANEL & LETTING





December 01, 2021



REAVES CONSULTING 831 ARROWHEAD DRIVE PROSPER, TEXAS 75078 972.347.3908 F-10826

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch

 $\overline{\phantom{a}}$ 

SCALE: 1"=1'-0"

SCREENING AND BUFFERING Hardscape Details

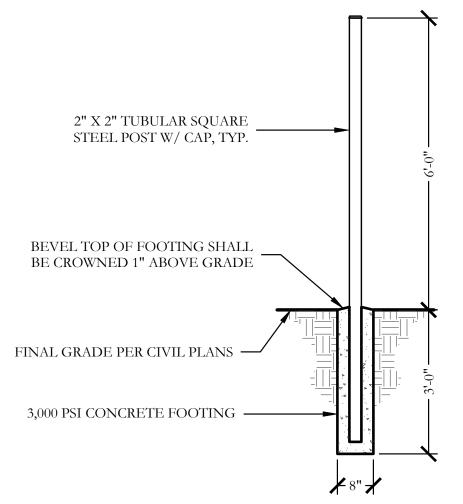
Discovery Lakes Ph.

CJS PROJECT NO. DLL001

HS7 of <u>8</u>

SHEET NO.

6'-0" HT. ORNAMENTAL METAL FENCE AND COLUMN



TYPICAL METAL POST FOOTING

SCALE: 1/2"=1'-0"

4-#5 VERTICAL @

90Deg. SPACING

AROUND SPIRAL

# 1. ALL CONCRETE SHALL BE 3000 PSI, NORMAL WEIGHT, 28 DAY STRENGTH WITH A 4 TO 6

INCH SLUMP. THE CEMENT SHALL BE TYPE 1 AND SHALL CONFORM TO ASTM C150. AGGREGATES SHALL CONFORM TO ASTM C33.

GENERAL NOTES - HARDSCAPE CONSTRUCTION

2. ALL MIXING, TRANSPORTING, PLACING, AND CURING OF CONCRETE SHALL COMPLY WITH

3. CONCRETE SHALL NOT BE PLACED IN RAINING OR FREEZING WEATHER.

4. CHLORIDES SHALL NOT BE USED.

5. MAXIMUM AGGREGATE SIZE = 1".

CONCRETE REINFORCING STEEL

1. ALL REINFORCEMENT SHALL CONFORM TO ASTM A615 60 GRADE AND DEFORMED PER ASTM A305. PROVIDE 38 BAR DIAMETER LAP SPLICES FOR ALL CONTINUOUS BARS UNLESS

2. PROVIDE THE FOLLOWING MINIMUM COVER FOR CONCRETE CAST IN PLACE

2.1. CONCRETE CAST AGAINST EARTH AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES 2.2. CONCRETE EXPOSED TO EARTH OF WEATHER:

(A) BARS LARGER THAN NO. 5: 2 INCHES (B) BARS NO. 5 AND SMALLER: 1-1/2 INCHES.

SLABS, WALLS AND JOISTS

2.3. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:

(A) BARS, LARGER THAN NO. 11: 1-1/2 INCHES (B) BARS NO. 11 AND SMALLER: 3/4 INCHES.

BEAMS AND COLUMNS: 1-1/2 INCHES SHELLS AND FOLDED PLATES

(A) BAR LARGER THAN NO. 5: 3/4 INCHES.

(B) BARS NO. 5 AND SMALLER: 1/2 INCHES. 3. ALL REINFORCING STEEL SHALL BE CLEAN AND FREE OF GREASE.

1. PIERS NOT SPECIFICALLY LOCATED ON THE PLAN SHALL BE CENTERED ON WALL OR

2. PIER REINFORCING AND CONCRETE SHALL BE PLACED IMMEDIATELY OR TO WITHIN A

MAXIMUM OF 8 HOURS AFTER DRILLING IS COMPLETE. 3. STEEL CASING IS REQUIRED WHEN MORE THAN 2 INCHES OF STANDING WATER IS PRESENT AT THE BOTTOM OF THE SHAFTS PRIOR TO PLACEMENT OF STEEL AND

4. PROVIDE 64 BAR DIAMETER LAP SPLICES IN ALL VERTICAL PIER REINFORCING AS

5. PROVIDE PIER TO GRADE BEAM DOWELS TO MATCH SIZE, QUANTITY, AND LOCATION OF LONGITUDINAL PIER REINFORCING. MIN DOWEL PROJECTION INTO PIER = 30 BAR DIA. MIN DOWEL PROJECTION INTO BEAM = TOP LONGITUDINAL GRADE BEAM REINFORCING. PROVIDE STANDARD HOOK AT TERMINAL END OF DOWEL IN GRADE BEAM.

#### STRUCTURAL CONCRETE MASONRY UNIT

L. CONCRETE MASONRY UNITS SHALL BE HOLLOW LOAD-BEARING TYPE N-1 CONFORMING TO ASTM C90 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI. 2. CONCRETE MASONRY UNITS SHALL HAVE A MINIMUM PRISM STRENGTH OF 1500 PSI AT 28

3. MORTAR SHALL BE ASTM C270, TYPE S, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1800

PSI IN ACCORDANCE WITH ASTM C780. MASONRY CEMENT IS PROHIBITED.

4. COARSE GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AND A

MAXIMUM AGGREGATE SIZE OF ½" IN ACCORDANCE WITH ASTM C476.REFER TO DETAILS

FOR WALL REINFORCING BAR SIZE AND SPACING. 5. REINFORCE HORIZONTAL JOINTS WITH GALVANIZED LADDER-TYPE STEEL IN

ACCORDANCE WITH ANSI/ASTM A82. SIDE AND CROSS RODS SHALL BE 9 GA MINIMUM.

6. HORIZONTAL REINFORCEMENT SHALL BE SPACED AT 16" MAXIMUM. PROVIDE A 16" LAP

7. JOINT REINFORCING SHALL BE DISCONTINUOUS AT CONTROL AND EXPANSION JOINTS.

8. LAP VERITCAL REINFORCING BARS AT 72 BAR DIAMETERS. 9. LAP HORIZONTAL REINFORCING BARS AT 48 BAR DIAMETERS.

# 10. PLACE GROUT USING LOW-LIFT METHOD, 6'-8" MAXIMUM LIFTS.

1. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES EITHER SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY COST INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES AND STRUCTURES CAUSED BY

ORNAMENTAL METAL FENCE NOTES

2. ALL CONCRETE USED IN FOOTING AND PIERS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.

3. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED PERMITS AND CITY

4. ALL ORNAMENTAL METAL TUBES, POSTS, RAILS AND PICKETS SHALL BE FLUSH AND

FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL,

5. PROVIDE CONTINUOUS WELDS ALONG ALL EDGES OF FENCE MEMBERS. 6. GRIND SMOOTH ALL WELDS.

7. ALL METAL SURFACES SHALL BE PRIMED AND PAINTED WITH TWO COATS OF RUSTPROOF PAINT, COLOR TO BE FLAT BLACK. CONTRACTOR TO SUBMIT SAMPLES AS

8. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS BEFORE

MANUFACTURING GATES AND FENCE. GATE LOCKING MECHANISM SHALL BE SELECTED BY OWNER.

9. ALL ORNAMENTAL METAL FENCE MEMBERS ARE TO BE TUBULAR MEMBERS IN ACCORDANCE WITH ASTM 513 HOT ROLLED STRUCTURAL STEEL 50,000 PSI TENSILE

STRENGTH, 60,000 PSI YIELD STRENGTH.

HIS FORCES.

10. FENCE MEMBER SIZES TO BE AS FOLLOWS: 10.1. PICKETS, 3/4" SQUARE 16 GA.

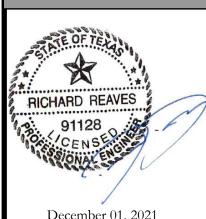
10.2. RAILS, 1-1/2" X 1/2" SQUARE 16 GA. 10.3. POSTS, 2" SQUARE 11 GA.

11. CONCRETE FOOTING FOR POSTS SHALL BE A MINIMUM OF 3X POST WIDTH. 12. POSTS SHALL BE PLACED AT A MINIMUM DISTANCE OF 6'-0" O.C AND A MAXIMUM

DISTANCE OF 8'-0" O.C.

13. FENCE SHALL MEET LOCAL CODES AND REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE INCLUDING NECESSARY UPSIZING OF POSTS, PICKETS AND HORIZONTAL BARS AND INCREASING THE HEIGHT OF THE FENCE AS IT APPEARS IN THIS DETAIL AT NO ADDITIONAL COST TO THE OWNER FOR MATERIALS





December 01, 2021



831 ARROWHEAD DRIVE PROSPER, TEXAS 75078

F-10826

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch

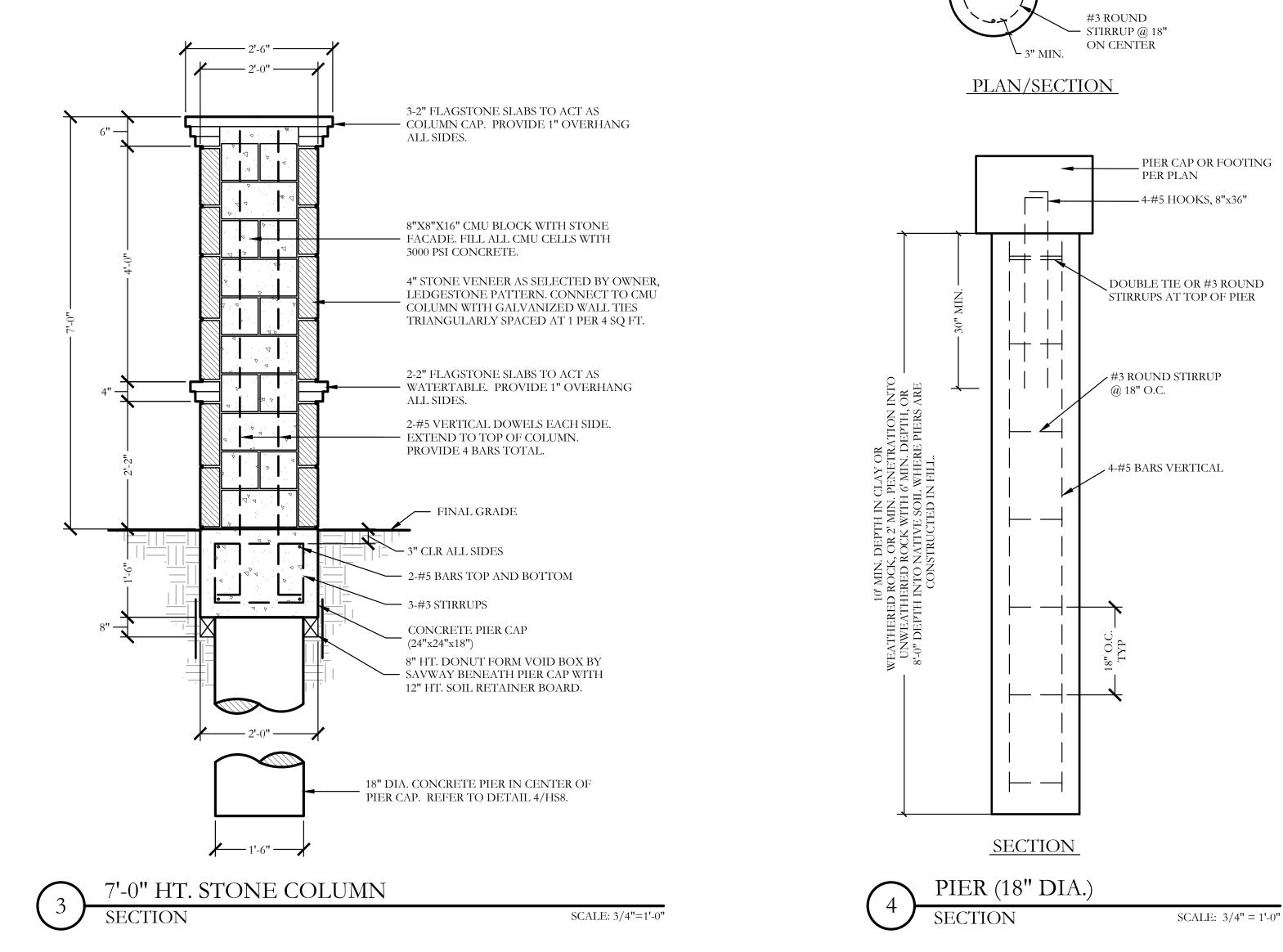
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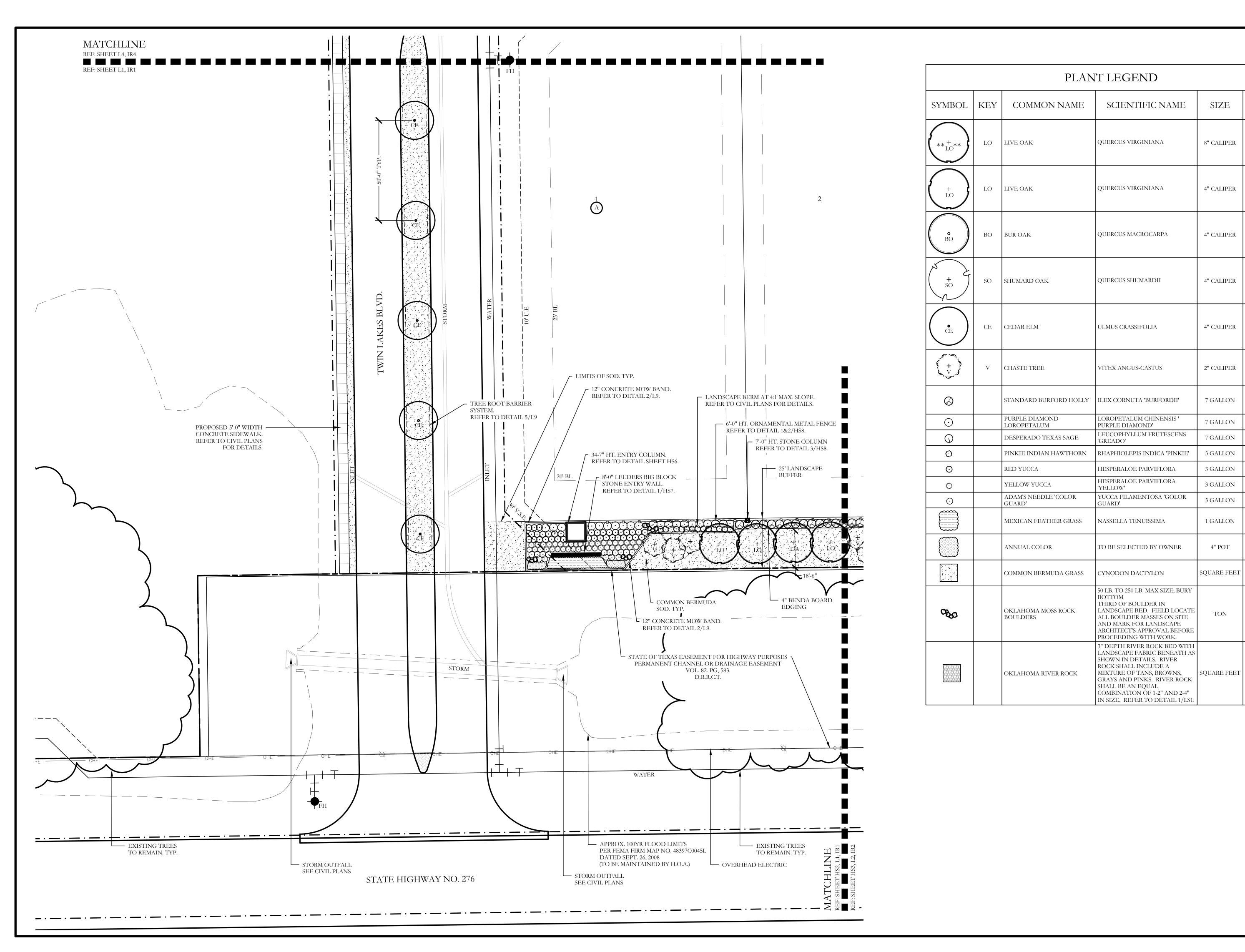
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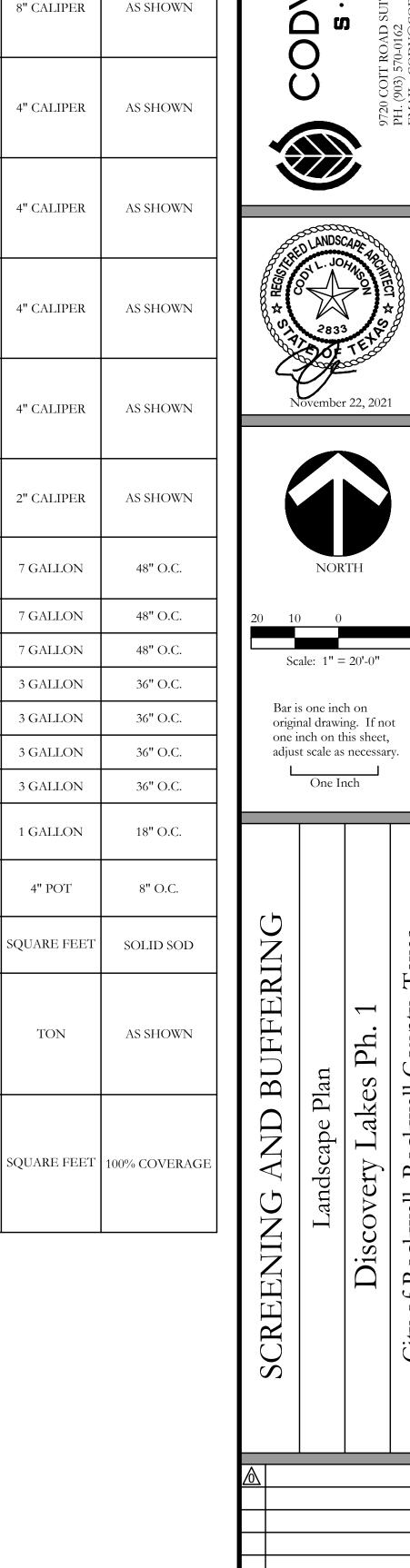
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HS8 of 8







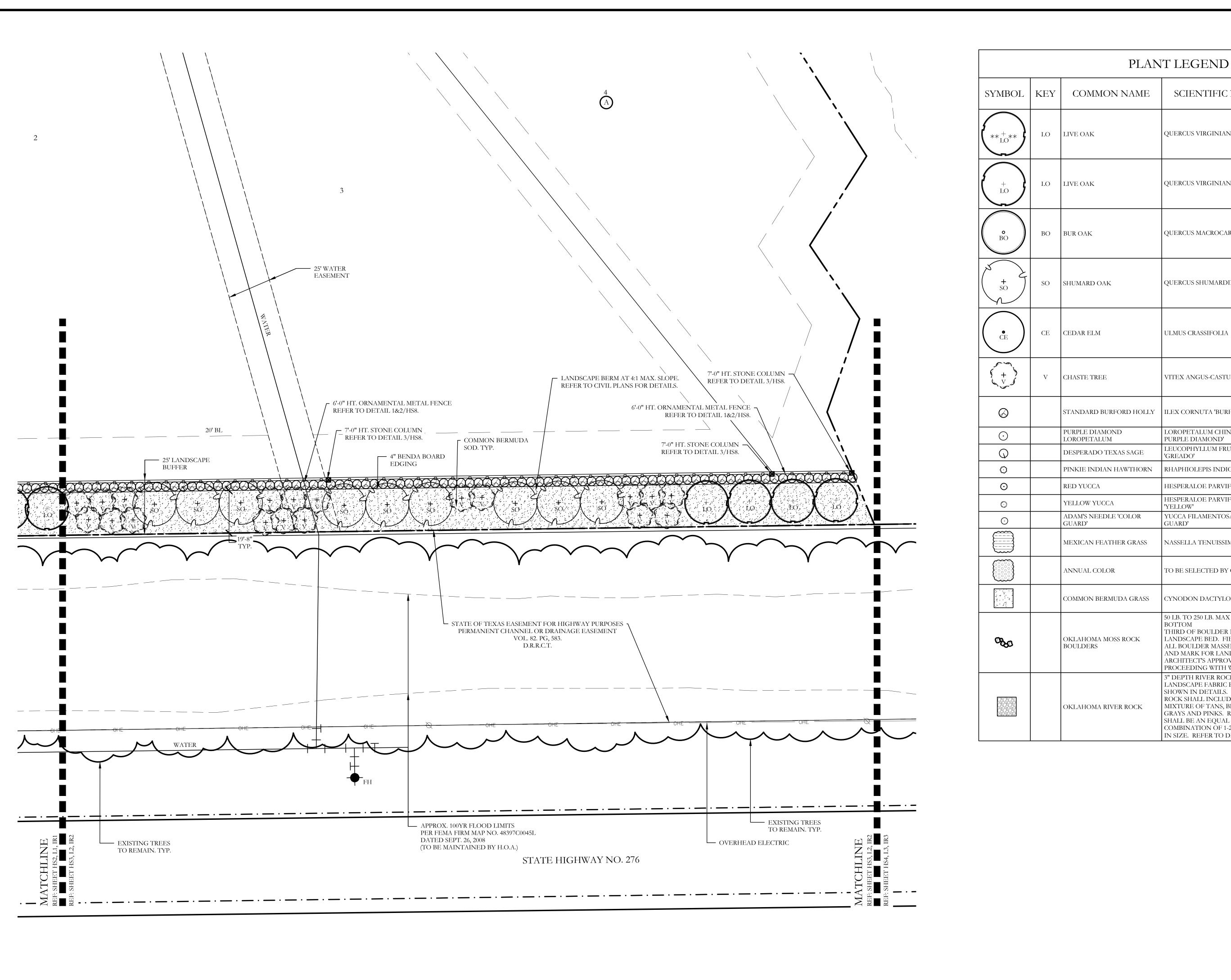
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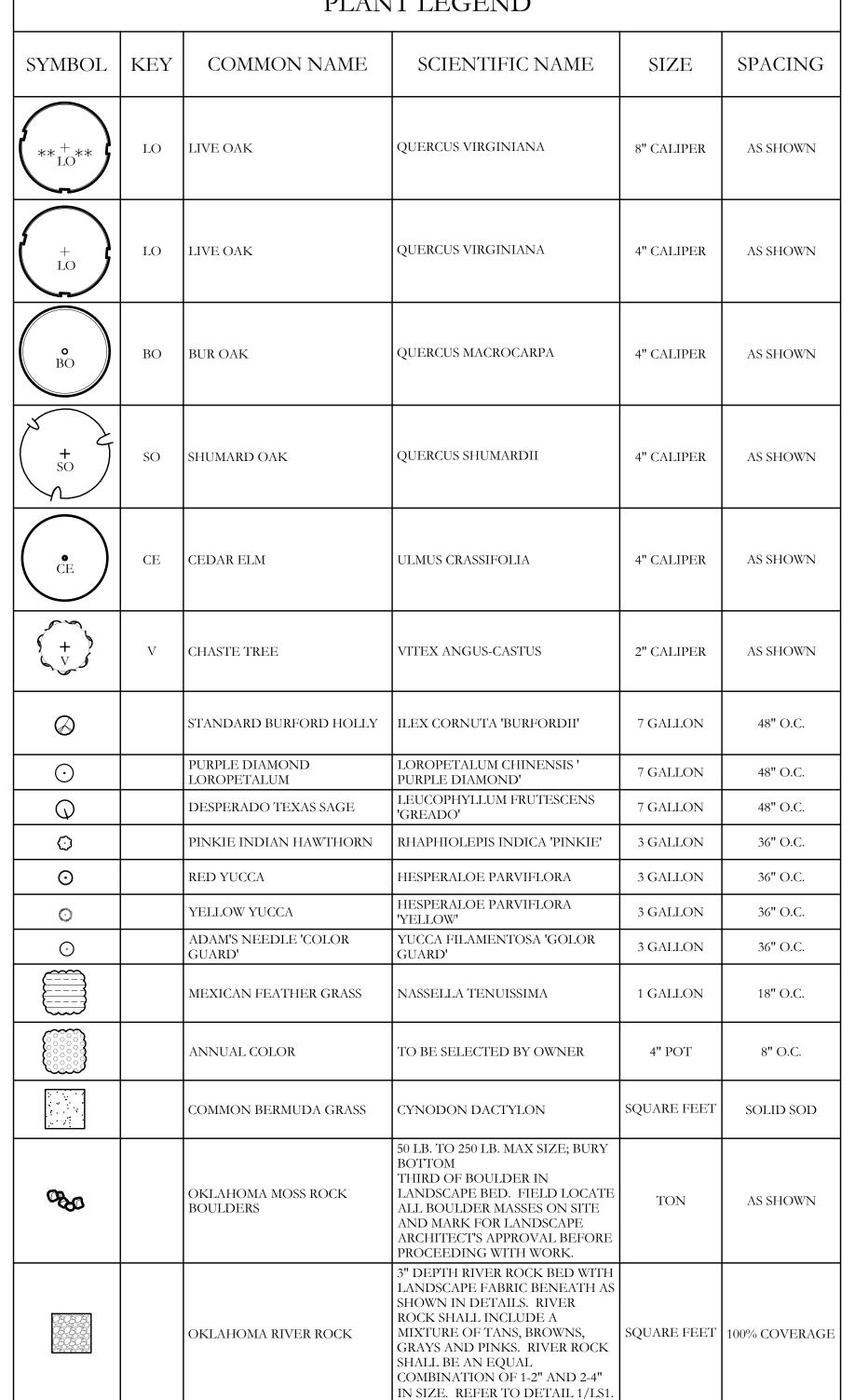
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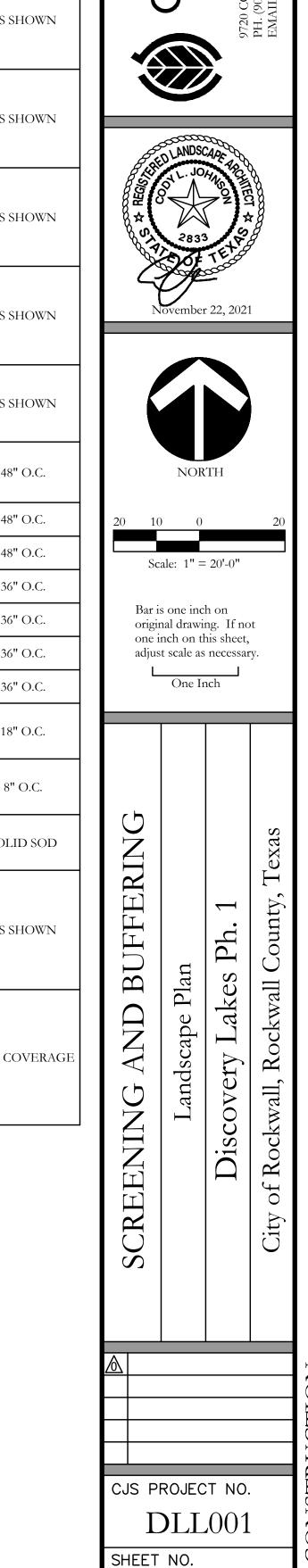
DLL003

L1 of 9

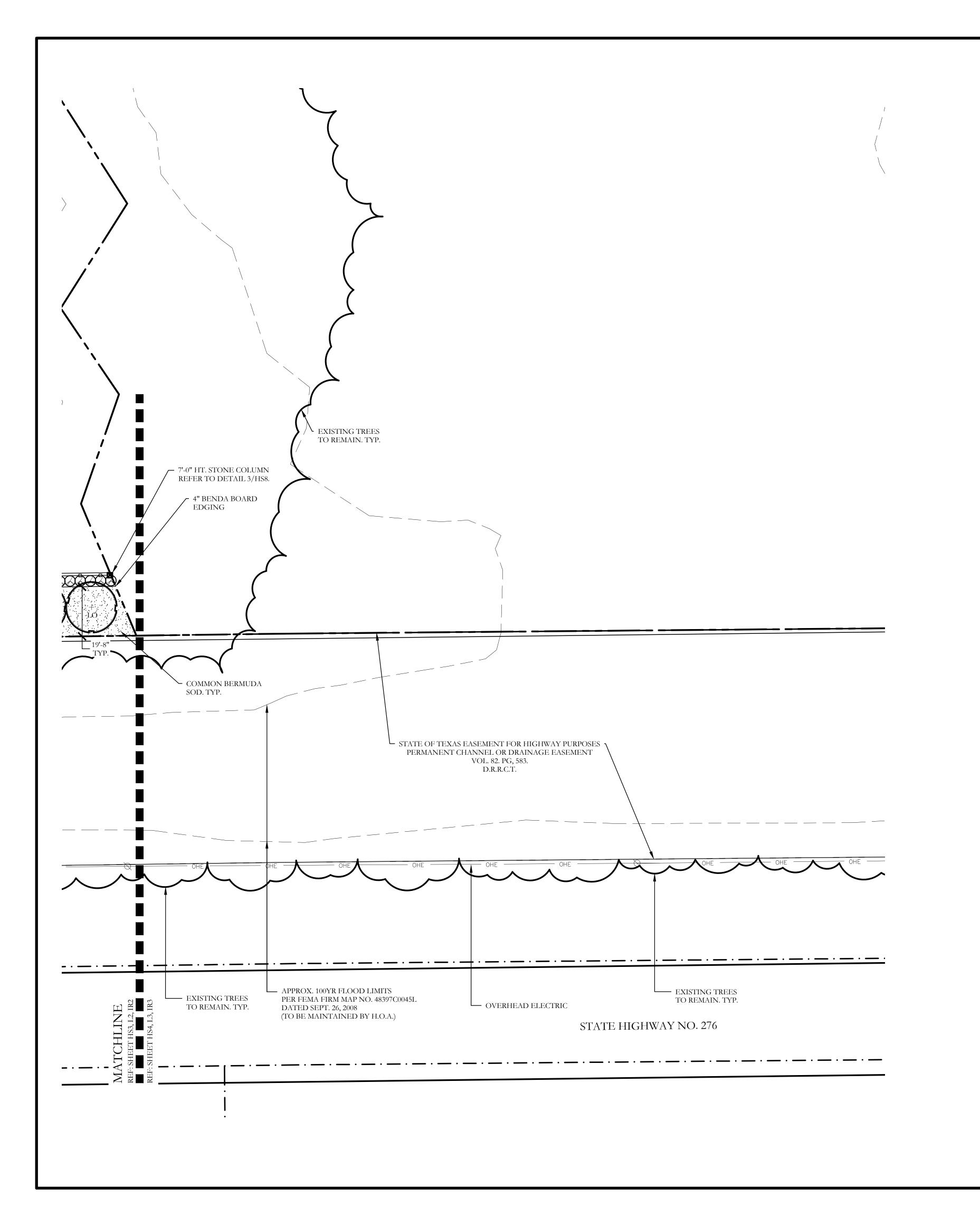
SPACING







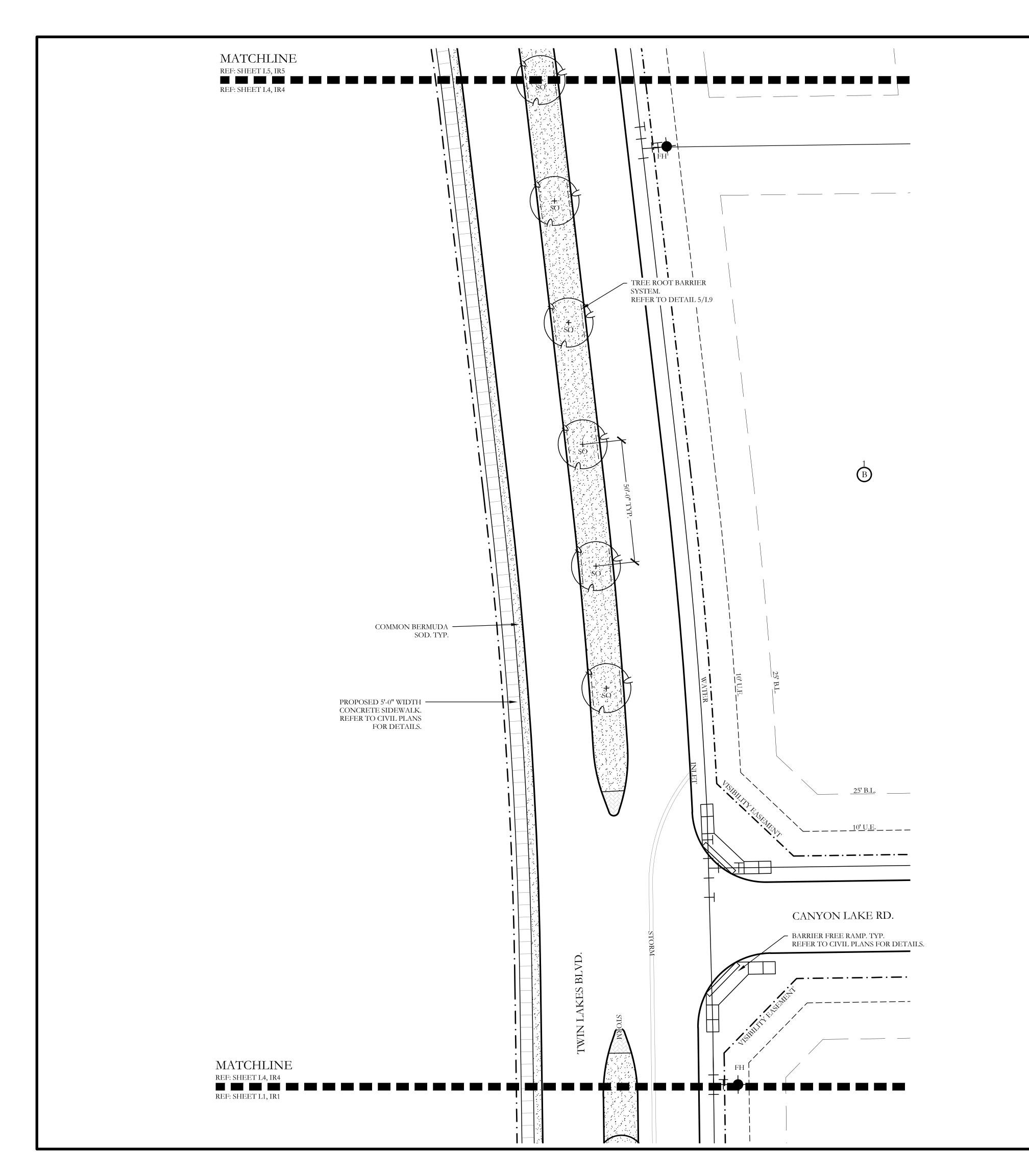




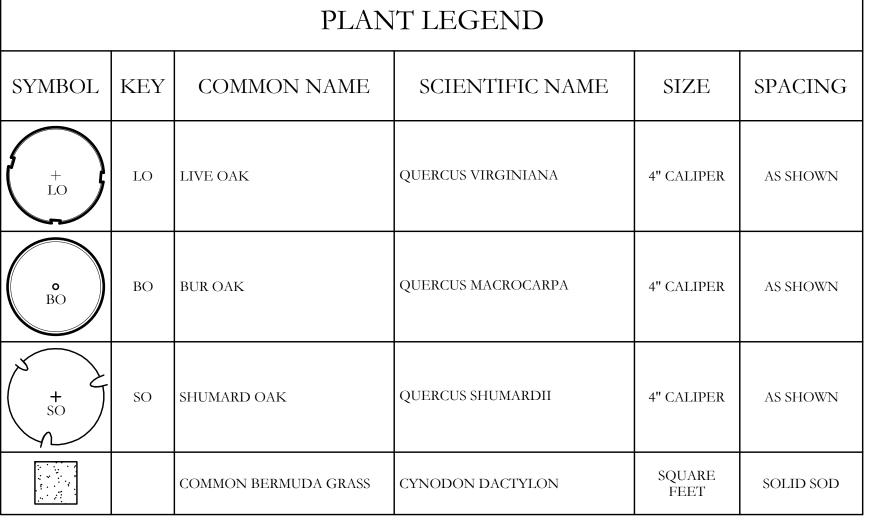
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
******	LO	LIVE OAK	QUERCUS VIRGINIANA	8" CALIPER	AS SHOWN
+ LO	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN
× + so	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
ČE CE	CE	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN
(+ V	V	CHASTE TREE	VITEX ANGUS-CASTUS	2" CALIPER	AS SHOWN
$\otimes$		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.
$\odot$		PURPLE DIAMOND LOROPETALUM	LOROPETALUM CHINENSIS ' PURPLE DIAMOND'	7 GALLON	48" O.C.
<b>Q</b>		DESPERADO TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS 'GREADO'	7 GALLON	48" O.C.
0		PINKIE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'PINKIE'	3 GALLON	36" O.C.
0		RED YUCCA	HESPERALOE PARVIFLORA	3 GALLON	36" O.C.
·		YELLOW YUCCA	HESPERALOE PARVIFLORA 'YELLOW'	3 GALLON	36" O.C.
$\odot$		ADAM'S NEEDLE 'COLOR GUARD'	YUCCA FILAMENTOSA 'GOLOR GUARD'	3 GALLON	36" O.C.
		MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	18" O.C.
		ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD
080		OKLAHOMA MOSS ROCK BOULDERS	50 LB. TO 250 LB. MAX SIZE; BURY BOTTOM THIRD OF BOULDER IN LANDSCAPE BED. FIELD LOCATE ALL BOULDER MASSES ON SITE AND MARK FOR LANDSCAPE ARCHITECT'S APPROVAL BEFORE PROCEEDING WITH WORK.	TON	AS SHOWN
		OKLAHOMA RIVER ROCK	3" DEPTH RIVER ROCK BED WITH LANDSCAPE FABRIC BENEATH AS SHOWN IN DETAILS. RIVER ROCK SHALL INCLUDE A MIXTURE OF TANS, BROWNS, GRAYS AND PINKS. RIVER ROCK SHALL BE AN EQUAL COMBINATION OF 1-2" AND 2-4" IN SIZE. REFER TO DETAIL 1/LS1.	SQUARE FEET	100% COVERAG

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10 0110 WIV	EGISTA	AED LANDS	CAPE ARCHITECTURE	
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AS SHOWN				
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36" O.C.		r is one inc ginal drawi		ot
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36" O.C.		One I	nch	
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SOLID SOD				Texas
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% COVERAGE	ING AND BUFFERING	Landscape Plan	iscovery Lakes Ph	ity of Rockwall, Rockwall County, Texas
	SCREENI		Dis	City of Roc
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		PROJEC		
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L3 of 9



	PLANT LEGEND					
SYMBOL	L KEY COMMON NAME		SCIENTIFIC NAME	SIZE	SPACING	
+ LO LIVE OAK		QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN		
BO BUR OAK		QUERCUS MACROCARPA	4" CALIPER	AS SHOWN		
SO SHUMARD OAK		QUERCUS SHUMARDII	4" CALIPER	AS SHOWN		
COMMON BERMUDA GRASS		CYNODON DACTYLON	SQUARE FEET	SOLID SOD		



JOHNSON t· L· d· i· o

CODY



Scale: 1'' = 20'-0''

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

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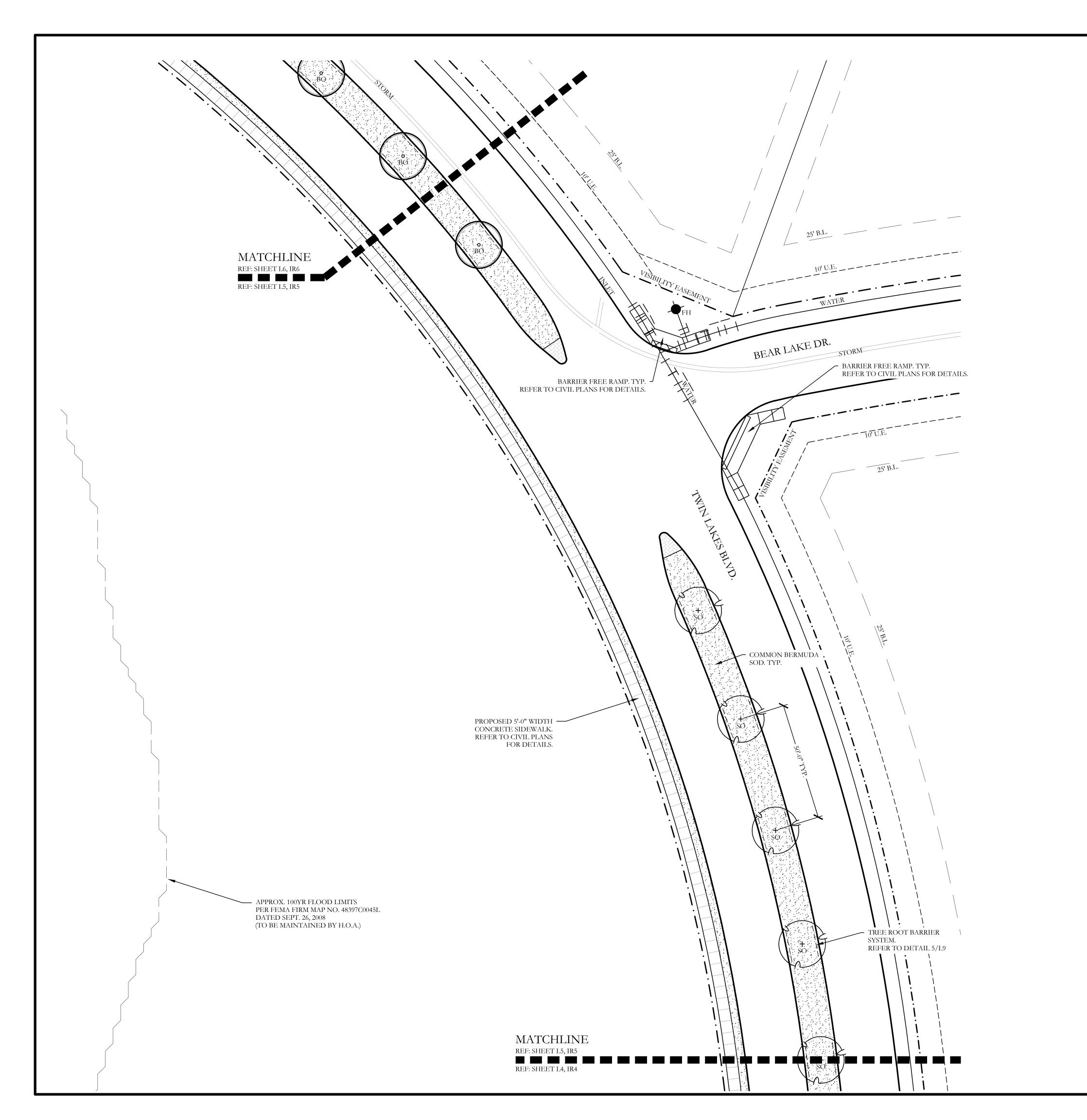
Lakes Ph.

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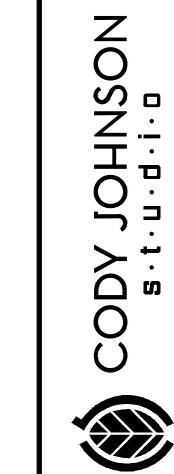
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L4 of <u>9</u>



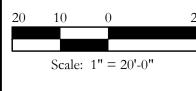
PLANT LEGEND						
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	
LO LIVE OAK		QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN		
BO BUR OAK		QUERCUS MACROCARPA	4" CALIPER	AS SHOWN		
SO SHUMARD OAK		QUERCUS SHUMARDII	4" CALIPER	AS SHOWN		
COMMON BERMUDA GRASS		CYNODON DACTYLON	SQUARE FEET	SOLID SOD		











Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

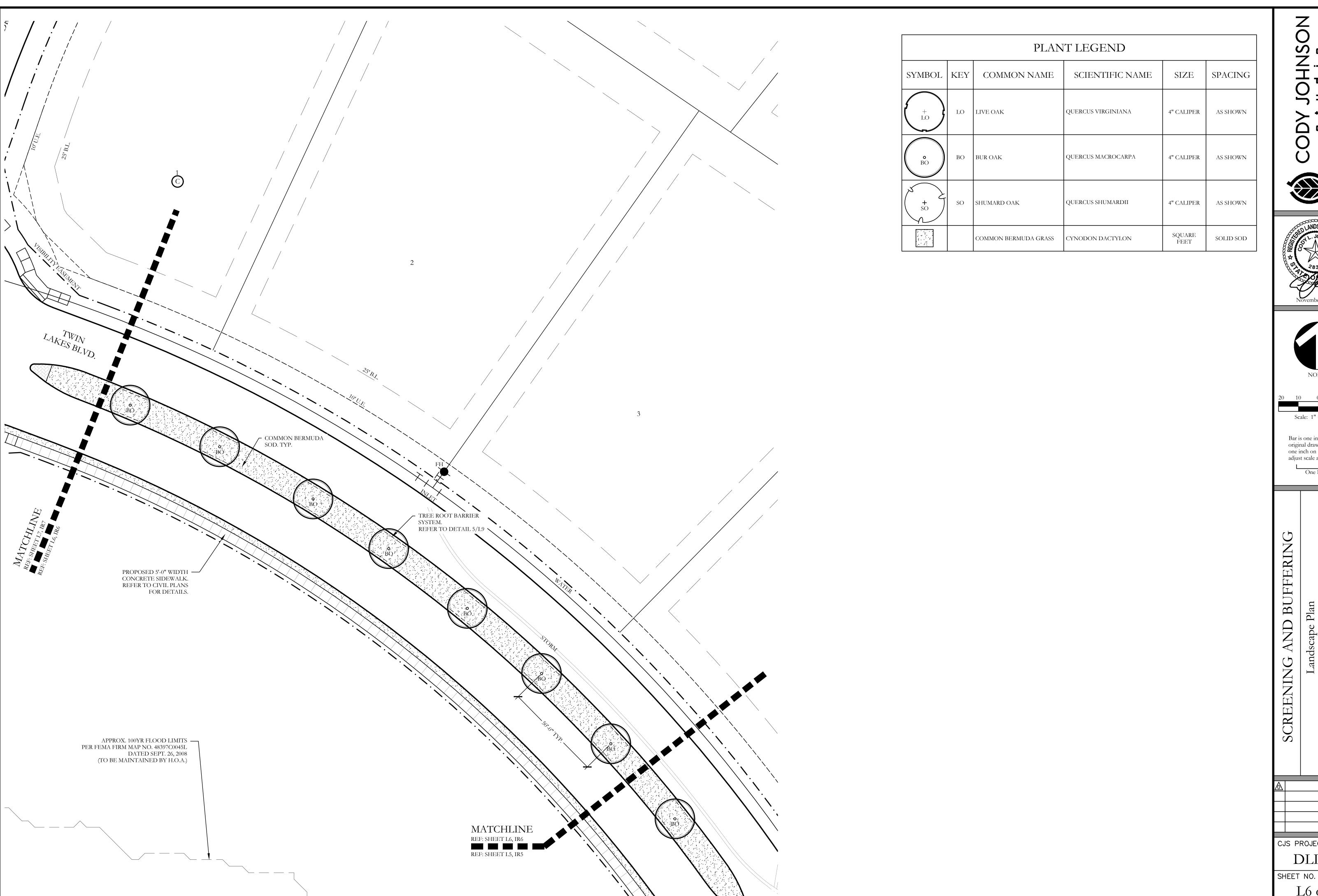
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Discovery Lakes Ph. Landscape Plan

SCREENING AND BUFFERING

CJS PROJECT NO.

DLL001 SHEET NO. L5 of <u>9</u>

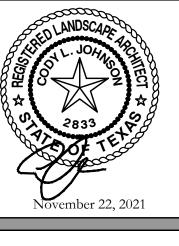


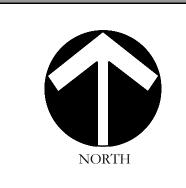
CODY











Scale: 1'' = 20'-0''

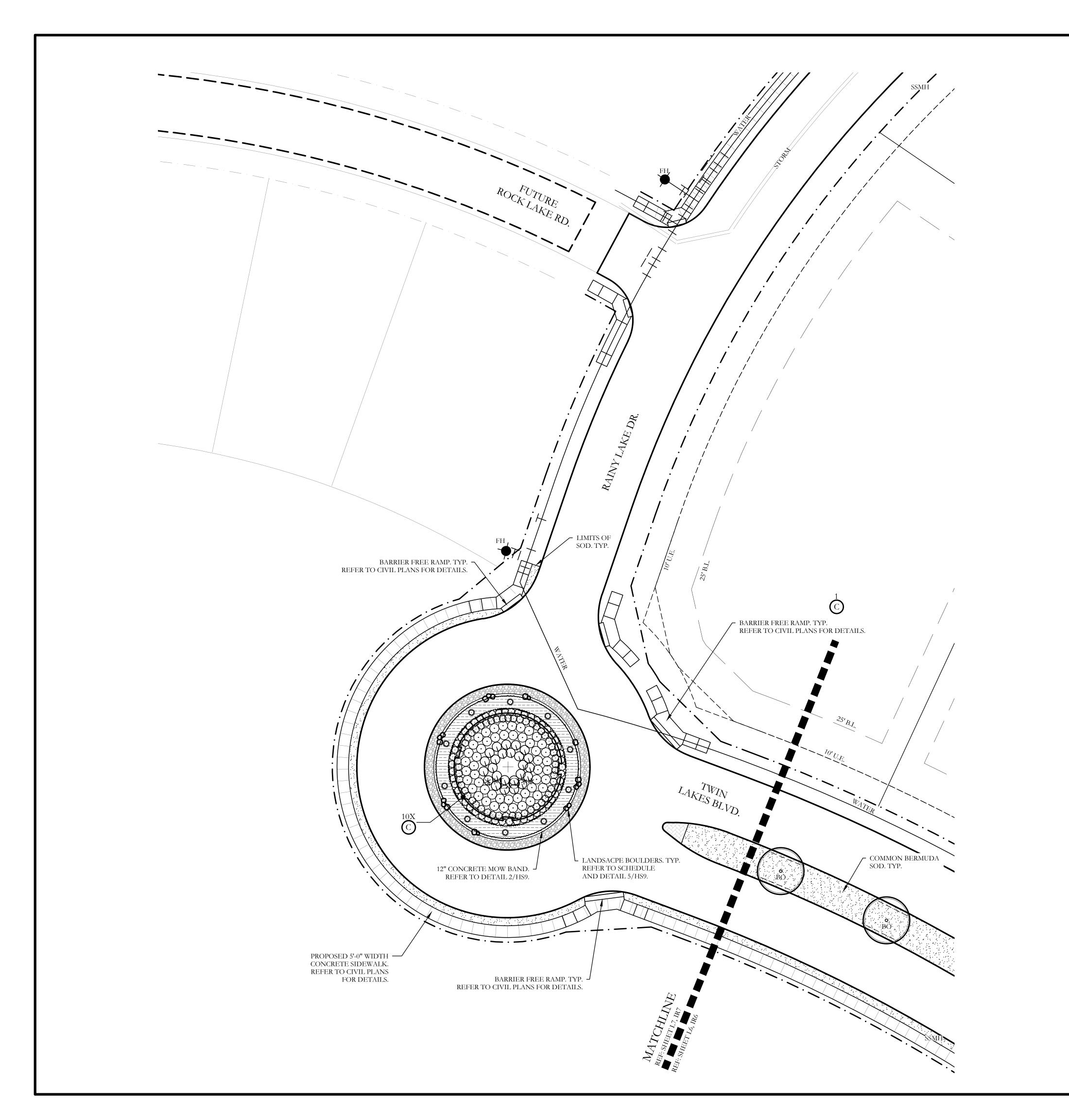
Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

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Lakes Ph.

CJS PROJECT NO. DLL001

L6 of <u>9</u>



	PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	
**LO**	LO	LIVE OAK	QUERCUS VIRGINIANA	8" CALIPER	AS SHOWN	
t.O	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN	
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN	
+ SO	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN	
© CE	CE	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN	
(+ \(\frac{1}{V}\)	V	CHASTE TREE	VITEX ANGUS-CASTUS	2" CALIPER	AS SHOWN	
$\otimes$		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.	
$\odot$		PURPLE DIAMOND LOROPETALUM	LOROPETALUM CHINENSIS ' PURPLE DIAMOND'	7 GALLON	48" O.C.	
Q		DESPERADO TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS 'GREADO'	7 GALLON	48" O.C.	
0		PINKIE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'PINKIE'	3 GALLON	36" O.C.	
0		RED YUCCA	HESPERALOE PARVIFLORA	3 GALLON	36" O.C.	
· · · · · · · · · · · · · · · · · · ·		YELLOW YUCCA	HESPERALOE PARVIFLORA 'YELLOW'	3 GALLON	36" O.C.	
$\odot$		ADAM'S NEEDLE 'COLOR GUARD'	YUCCA FILAMENTOSA 'GOLOR GUARD'	3 GALLON	36" O.C.	
		MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	18" O.C.	
		ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.	
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD	
080		OKLAHOMA MOSS ROCK BOULDERS	50 LB. TO 250 LB. MAX SIZE; BURY BOTTOM THIRD OF BOULDER IN LANDSCAPE BED. FIELD LOCATE ALL BOULDER MASSES ON SITE AND MARK FOR LANDSCAPE ARCHITECT'S APPROVAL BEFORE PROCEEDING WITH WORK.	TON	AS SHOWN	
		OKLAHOMA RIVER ROCK	3" DEPTH RIVER ROCK BED WITH LANDSCAPE FABRIC BENEATH AS SHOWN IN DETAILS. RIVER ROCK SHALL INCLUDE A MIXTURE OF TANS, BROWNS, GRAYS AND PINKS. RIVER ROCK SHALL BE AN EQUAL COMBINATION OF 1-2" AND 2-4" IN SIZE. REFER TO DETAIL 1/LS1.	SQUARE FEET	100% COVERAG	

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36" O.C.		st scale as	s necessar	
36" O.C.		One I:	nch	
18" O.C.				
8" O.C.				
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S SHOWN	BUFFE	Jan	akes Ph. 1	all County,
COVERAGE	NG AND	Landscape Plat	Discovery Lak	City of Rockwall, Rockwall County, Texas
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/ JOHNSON

# LANDSCAPE PROVIDED

STATE HIGHWAY - 276

MINIMUM TWENTY (25) FOOT LANDSCAPE BUFFER PROVIDED

6' HT. WROUGHT IRON METAL SCREENING FENCE PROVIDED.

3-4" CAL. CANOPY TREE / 100 LF OF LINEAR FRONTAGE.  $\overline{545}$  LF OF FRONTAGE / 100 LF = 5.45

 $5.45 \times 3 = 16.35$ 

4-ACCENT TREES / 100 LF OF LINEAR FRONTAGE. 545 LF OF FRONTAGE / 100 LF = 5.45

5.45 X 4 = 21.80

PROVIDED: 17 - 4" CALIPER TREES 22 - ACCENT TREES

SHRUBBERY SHALL HAVE A MINIMUM HEIGHT OF 30 INCHES

AND A MAXIMUM HEIGHT OF 48 INCHES.

MINIMUM 2.5' HT. LANDSCAPE BERMS PROVIDED ALONG FRONTAGE. REFER TO CIVIL PLANS FOR DETAILS

		PLANT LIST						
KEY	ESTIMATED QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	REMARKS		
LO	8	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.		
**LO**	1	LIVE OAK - MULTI TRUNK	QUERCUS VIRGINIANA	8" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 10'-0"; MINIMUM 15'-0" OVERALL HEIGHT.		
ВО	8	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.		
SO	19	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.		
СЕ	5	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.		
V	22	CHASE TREE	VITEX ANGUS-CASTUS	2" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM 8'-0" OVERALL HEIGHT.		
	105	STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.		
	71	PURPLE DIAMOND LOROPETALUM	LOROPETALUM CHINENSIS ' PURPLE DIAMOND'	7 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.		
	25	DESPERADO TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS 'GREADO'	3 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.		
	114	PINKIE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'PINKIE'	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.		
	36	RED YUCCA	HESPERALOE PARVIFLORA	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.		
	50	YELLOW YUCCA	HESPERALOE PARVIFLORA 'YELLOW'	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.		
	19	ADAN'S NEEDLE 'COLOR GUARD'	YUCCA FILAMEN'TOSA 'COLOR GUARD'	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.		
	550	MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	24" O.C.	CONTAINER GROWN; FULL PLANT.		
	170	ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.	CONTAINER GROWN; FULL PLANT.		
	32,800	COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD	MINIMUM 100% COVERAGE ALL AREAS SHOWN		
	1.5	OKLAHOMA MOSS ROCK BOULDERS	N/A	TON	AS SHOWN	50 LB. TO 250 LB. MAX SIZE; BURY BOTTOM THIRD OF BOULDER IN LANDSCAPE BED. FIELD LOCATE ALL BOULDER MASSES ON SITE AND MARK FOR LANDSCAPE ARCHITECT'S APPROVAL BEFORE PROCEEDING WITH WORK.		
	825	OKLAHOMA RIVER ROCK	N/A	SQUARE FEET	100% COVERAGE	3" DEPTH RIVER ROCK BED WITH LANDSCAPE FABRIC BENEATH AS SHOWN IN DETAILS. RIVER ROCK SHALL INCLUDE A MIXTURE OF TANS, BROWNS, GRAYS, AND PINKS. RIVER ROCK SHALL BE AN EQUAL COMBUNATION OF 1"-2" AND 2"-4" IN SIZE.		

# GENERAL LANDSCAPE NOTES

#### INSPECTIONS:

WORKS DEPARTMENT. 2. THE CONTRACTOR SHALL MARK ALL WATER LINES, SEWER LINES, AND TREE LOCATIONS PRIOR TO

CALLING FOR ROW INSPECTION AND PERMIT.

FINAL ACCEPTANCE BY THE CITY AND ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

STANDARDS PRIOR TO CALLING FOR FINAL LANDSCAPE AND ROW INSPECTIONS.

#### LANDSCAPE STANDARDS:

2. UNLESS OTHERWISE SPECIFIED, TREES SHALL BE PLANTED NO LESS THAN 4' FROM CURBS,

APPROVAL FOR ALL TREE PLACEMENTS.

LANDSCAPE PURSUANT TO THE FIRE CODE. 4. 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

5. THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004) SPECIFICATIONS SHALL GOVERN

PLANT QUALIFICATIONS, GRADES, AND STANDARDS. 6. TREE PLANTING SHALL COMPLY WITH DETAILS HEREIN AND THE INTERNATIONAL SOCIETY OF

7. 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.

PIT WITHIN 24-HOURS, THE TREE SHALL BE MOVED OR DRAINAGE SHALL BE PROVIDED.

9. ALL BEDS TO HAVE 3" OF COMPOSTED SOIL, LIVING EARTH TECHNOLOGY, OR APPROVED EQUAL

11. NATIVE SITE TOPSOIL IS TO BE PROTECTED FROM EROSION OR STOCKPILED. NATIVE SITE TOPSOIL

1. ANY CHANGES TO THESE APPROVED IRRIGATION DRAWINGS SHALL BE AUTHORIZED BY THE CITY. 2. CONTACT DEVELOPMENT SERVICES FOR AN IRRIGATION PERMIT PRIOR TO INSTALLING THE

5. ET IRRIGATION CONTROLLERS SHALL BE PROGRAMMED AND ADJUSTED TO NOT EXCEED THE LANDSCAPE WATER ALLOWANCE (LWA) PRIOR TO APPROVAL OF LANDSCAPE INSTALLATION.

LINES AND 5 FEET FROM CITY FIRE HYDRANTS AND WATER VALVES.

CLEARANCE (MINIMUM).

8. IRRIGATION HEADS THAT RUN PARALLEL AND NEAR PUBLIC WATER AND SANITARY SEWER LINES; SHALL BE FED FROM STUBBED LATERALS OR BULL-BEADS. A MINIMUM FIVE FOOT (5') SEPARATION IS REQUIRED BETWEEN IRRIGATION MAIN LINES AND LATERALS THAT RUN PARALLEL TO PUBLIC WATER AND SANITARY SEWER LINES.

CLOSER THAN 10' FROM THE CURB AT STREET OR DRIVE INTERSECTION.

1. 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

3. NO PLANT MATERIAL SHALL BE ALLOWED TO ENCROACH ON R.O.W., SIDEWALKS OR EASEMENTS TO THE EXTENT THAT VISION OR ROUTE OF TRAVEL FOR VEHICULAR, PEDESTRIAN, OR BICYCLE

4. TREE MAINTENANCE SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE INTERNATIONAL

5. TREE STAKING MATERIALS, IF USED, SHALL BE REMOVED AFTER (1) GROWING SEASON, NO MORE

# TREE PROTECTION NOTES:

1. CONTACT DEVELOPMENT SERVICES FOR A TREE REMOVAL PERMIT PRIOR TO REMOVAL OR

3. 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

4. NO EQUIPMENT SHALL BE CLEANED, OR HARMFUL LIQUIDS DEPOSITED WITHIN THE LIMITS OF THE

6. VEHICULAR AND CONSTRUCTION EQUIPMENT SHALL NOT PARK OR DRIVE WITHIN THE LIMITS OF

ZONE, UNLESS ADEQUATE TREE PRESERVATION METHODS ARE APPROVED BY THE CITY.

9. ALL REMOVED TREES SHALL BE CHIPPED AND USED FOR MULCH ON SITE OR HAULED OFF-SITE. 10. ALL TREE MAINTENANCE TECHNIQUES SHALL BE IN CONFORMANCE WITH INDUSTRY IDENTIFIED STANDARDS. IMPROPER OR MALICIOUS PRUNING TECHNIQUES ARE STRICTLY PROHIBITED.

1. NO EXCAVATION SHALL OCCUR IN CITY R.O.W. WITHOUT A R.O.W. PERMIT--CONTACT THE PUBLIC

3. THE LANDSCAPE INSTALLATION SHALL COMPLY WITH APPROVED LANDSCAPE DRAWINGS PRIOR TO

4. WATER METERS, CLEANOUTS AND OTHER APPURTENANCES, SHALL BE ACCESSIBLE, ADJUSTED TO GRADE, CLEARLY MARKED WITH FLAGGING AND COMPLIANT WITH PUBLIC WORKS DEPARTMENT

1. PLANTINGS AND LANDSCAPE ELEMENTS SHALL COMPLY WITH THE CITY'S ENGINEERING DESIGN

STANDARDS, PUBLIC R.O.W. VISIBILITY REQUIREMENTS. SIDEWALKS, UTILITY LINES, SCREENING WALLS AND OTHER STRUCTURES. THE CITY HAS FINAL

3. A MINIMUM THREE FEET (3') RADIUS AROUND A FIRE HYDRANT MUST REMAIN CLEAR OF

ARBORICULTURE (ISA) STANDARDS.

8. TREE PITS SHALL BE TESTED FOR WATER PERCOLATION. IF WATER DOES NOT DRAIN OUT OF TREE

TILLED AND TURNED TO A DEPTH OF 8" MINIMUM. 10. ALL PLANT BEDS SHALL BE TOP-DRESSED WITH A MINIMUM OF 3 INCHES OF HARDWOOD MULCH.

SHALL BE LABORATORY TESTED BY AND ACCREDITED LABORATORY AND AMENDED PER SAID LABORATORY'S RECOMMENDATIONS.

#### IRRIGATION STANDARDS:

IRRIGATION SYSTEM.

3. IRRIGATION OVER-SPRAY ON STREETS AND WALKS IS PROHIBITED.

4. MAINLINES, VALVES, OR CONTROL WIRES SHALL NOT BE LOCATED IN THE CITY'S ROW.

6. VALVES SHALL BE LOCATED A MINIMUM OF (3') AWAY FROM STORM SEWERS, AND SANITARY SEWER

7. THE BORE DEPTH UNDER STREETS, DRIVE AISLES, AND FIRE LANES SHALL PROVIDE (2') OF

9. NO VALVES, BACKFLOW PREVENTION ASSEMBLIES, QUICK COUPLERS ETC. SHALL BE LOCATED

## MAINTENANCE STANDARDS:

2. LANDSCAPE AND OPEN AREAS SHALL BE FREE OF TRASH, LITTER AND WEEDS.

TRAFFIC IS IMPEDED.

SOCIETY OF ARBORICULTURE.

THAN (1) YEAR AFTER INSTALLATION (STEEL TREE STAKES, WIRES, AND HOSES ARE PROHIBITED).

TRANSPLANTING OF ANY TREES.

2. 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.

BY DEVELOPMENT SERVICES.

ROOT ZONE OF TREES WHICH REMAIN ON SITE. 5. NO SIGNS, WIRES, OR OTHER ATTACHMENTS SHALL BE ATTACHED TO ANY TREE TO REMAIN ON

7. GRADE CHANGES IN EXCESS OF 3 INCHES (CUT OR FILL) SHALL NOT BE ALLOWED WITHIN A ROOT

8. NO TRENCHING SHALL BE ALLOWED WITHIN THE DRIP-LINE OF A TREE, UNLESS APPROVED BY THE

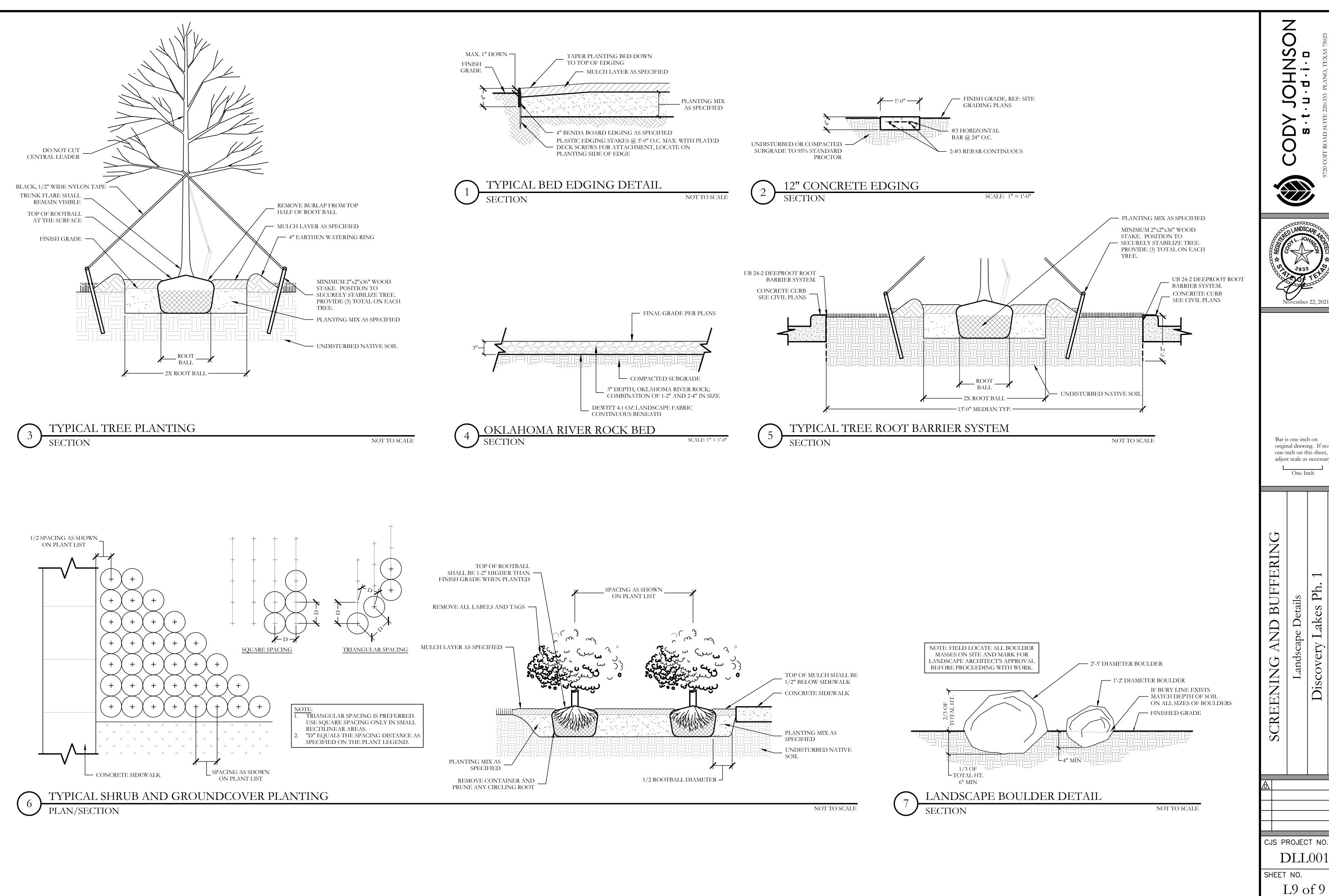
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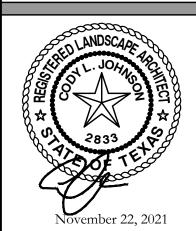
original drawing. If not

one inch on this sheet, adjust scale as necessary.

CJS PROJECT NO.







Bar is one inch on original drawing. If not

one inch on this sheet, adjust scale as necessary.

Ph.

**DLL**001



Platting Application Fees:

[ ] Master Plat (\$100.00 + \$15.00 Acre) 1

[ ] Final Plat (\$300.00 + \$20.00 Acre) 1

[ ] Replat (\$300.00 + \$20.00 Acre) 1

[ ] Amending or Minor Plat (\$150.00)

Notary Public in and for the State of Texas

[ ] Preliminary Plat (\$200.00 + \$15.00 Acre) 1(200+36.42\*15=\$746.30)

#### **DEVELOPMENT APPLICATION**

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

PLANNING & ZONING CASE NO.	SP2023-002
	CONSIDERED ACCEPTED BY THE COTOR AND CITY ENGINEER HAVE
DIRECTOR OF PLANNING:	
CITY ENGINEER:	

**Zoning Application Fees:** 

Other Application Fees:

[ ] Zoning Change (\$200.00 + \$15.00 Acre) 1

[ ] Specific Use Permit (\$200.00 + \$15.00 Acre) 1

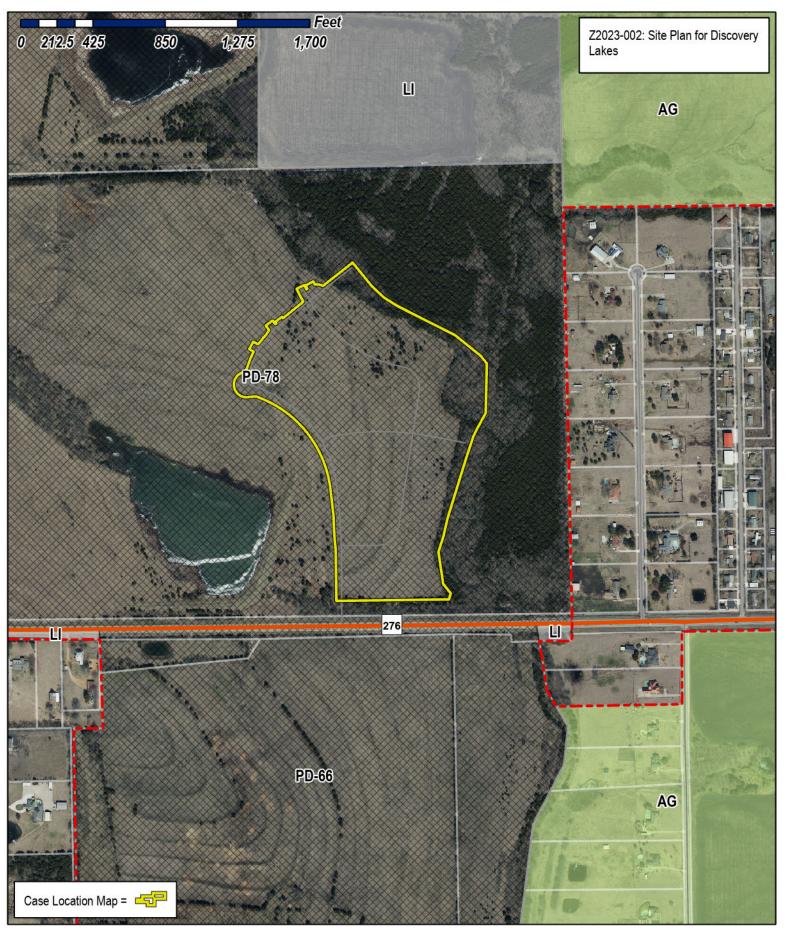
[ ] PD Development Plans (\$200.00 + \$15.00 Acre) 1

My Commission Expires

Please check the appropriate box below to indicate the type of development request [SELECT ONLY ONE BOX]:

[ ] Plat Reinstaten  Site Plan Application  [✓ Site Plan (\$250)	nent Request (\$100.00)  on Fees: .00 + \$20.00 Acre) 1 250+20*33.921=\$928. Plan/Elevations/Landscaping Plan (\$100.00)	.42 Notes: 1: In determining t	ral (\$75.00) quest (\$100.00) he fee, please use the exact a For requests on less than one	acreage when mi acre, round up t	ultiplying by the o one (1) acre.
PROPERTY INFO	RMATION [PLEASE PRINT]				
Address	none				
Subdivision	Discovery Lakes, Phase 1		Lot	Block	
General Location	36.42 Acres out of the 307 Acre Tra	ct near the NE corner	of SH 276 and Roch	elle Road	
ZONING, SITE PL	AN AND PLATTING INFORMATION	[PLEASE PRINT]			
Current Zoning	PD-78	Current Use	None		
Proposed Zoning	PD-78	Proposed Use	Single Family	Residential	
Acreage	33.921 Lots [Curr	rent] 1	Lots [Propos	ed]	32
process, and failur  OWNER/APPLICA	PLATS: By checking this box you acknowledge that of e to address any of staff's comments by the date prov ANT/AGENT INFORMATION [PLEASE PL SCOVERY Lakes, LLC./Discovery Lakes F	vided on the Development Cale  RINT/CHECK THE PRIMARY CO	ndar will result in the denial	of your case. IRES ARE REQUI	
Contact Person	Nick DiGiuseppe	Contact Person	Cameron Slown		
Address	15400 Knoll Trail Drive	Address	825 Watters Cree	ek Blvd.	
	Suite 230		Suite M300		
City, State & Zip	Dallas, Texas 75248	City, State & Zip	Allen, Texas 750	13	
Phone	972-960-9941	Phone	817-889-5050		
E-Mail	southbrookinvestments@outlook.com	n E-Mail	cslown@tnpinc.c	om	
"I hereby certify that I am cover the cost of this appl	ed authority, on this day personally appeared and certified the following:  the owner for the purpose of this application; all infolication, has been paid to the City of Rockwall on this (i.e. "City") is authorized and permitted to provide it	ormation submitted herein is tro the 15 day of Janua	ue and correct; and the appl	ication fee of \$_ By signing this g	\$928.42 , to
permitted to reproduce a information."	ny copyrighted information submitted in conjunction	with this application, if such re	production is associated or	in response to a	request for public
Given under my hand and		10 23		ALYSON D Notary Public, Si Comm, Expires	tate of Texas
	Owner's Signature	mour-	William .	Notary ID 13	0589228 (

alyson kuklasi

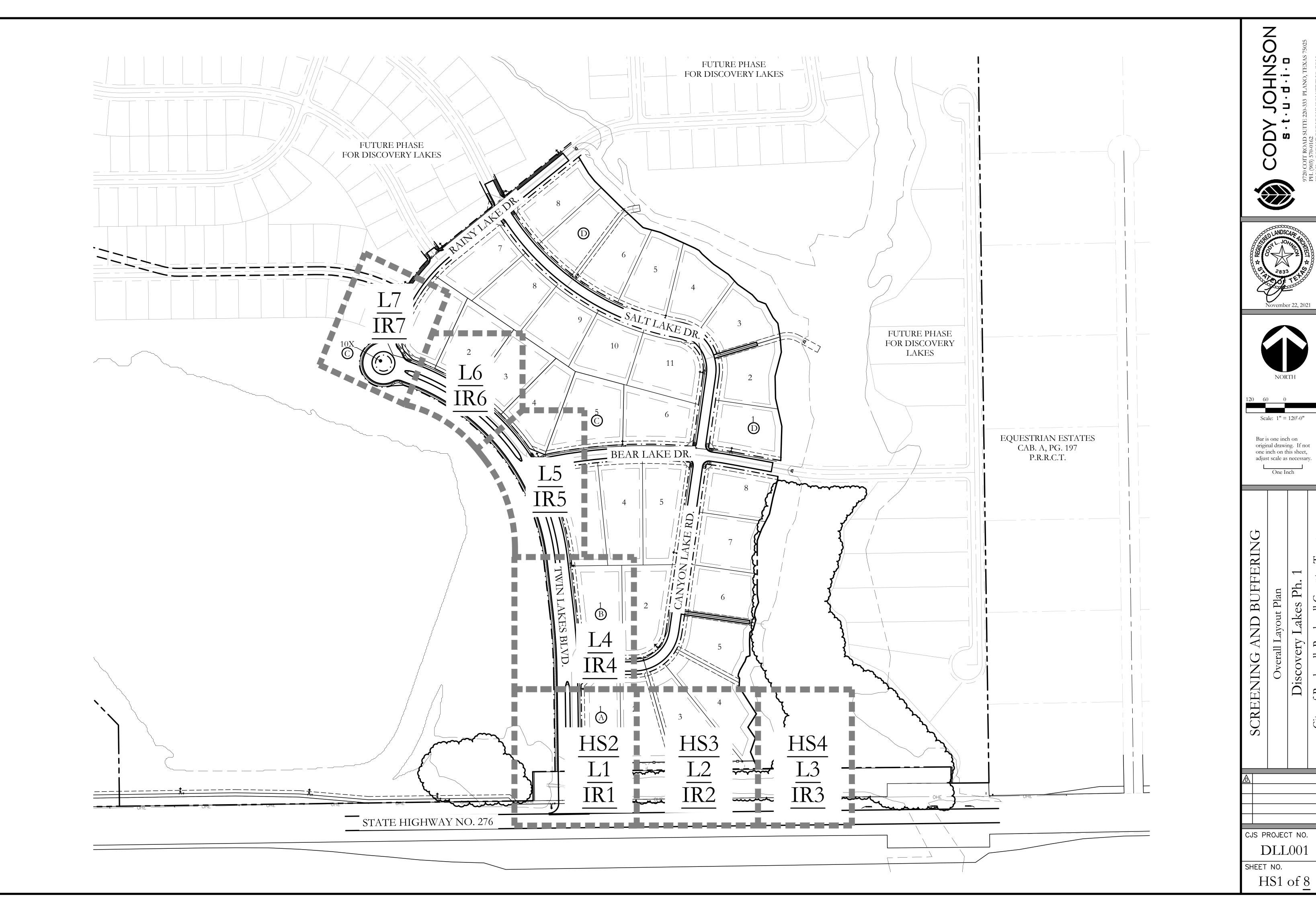




# City of Rockwall

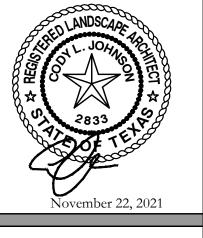
Planning & Zoning Department 385 S. Goliad Street Rockwall, Texas 75032 (P): (972) 771-7745 (W): www.rockwall.com The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. 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



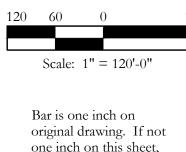








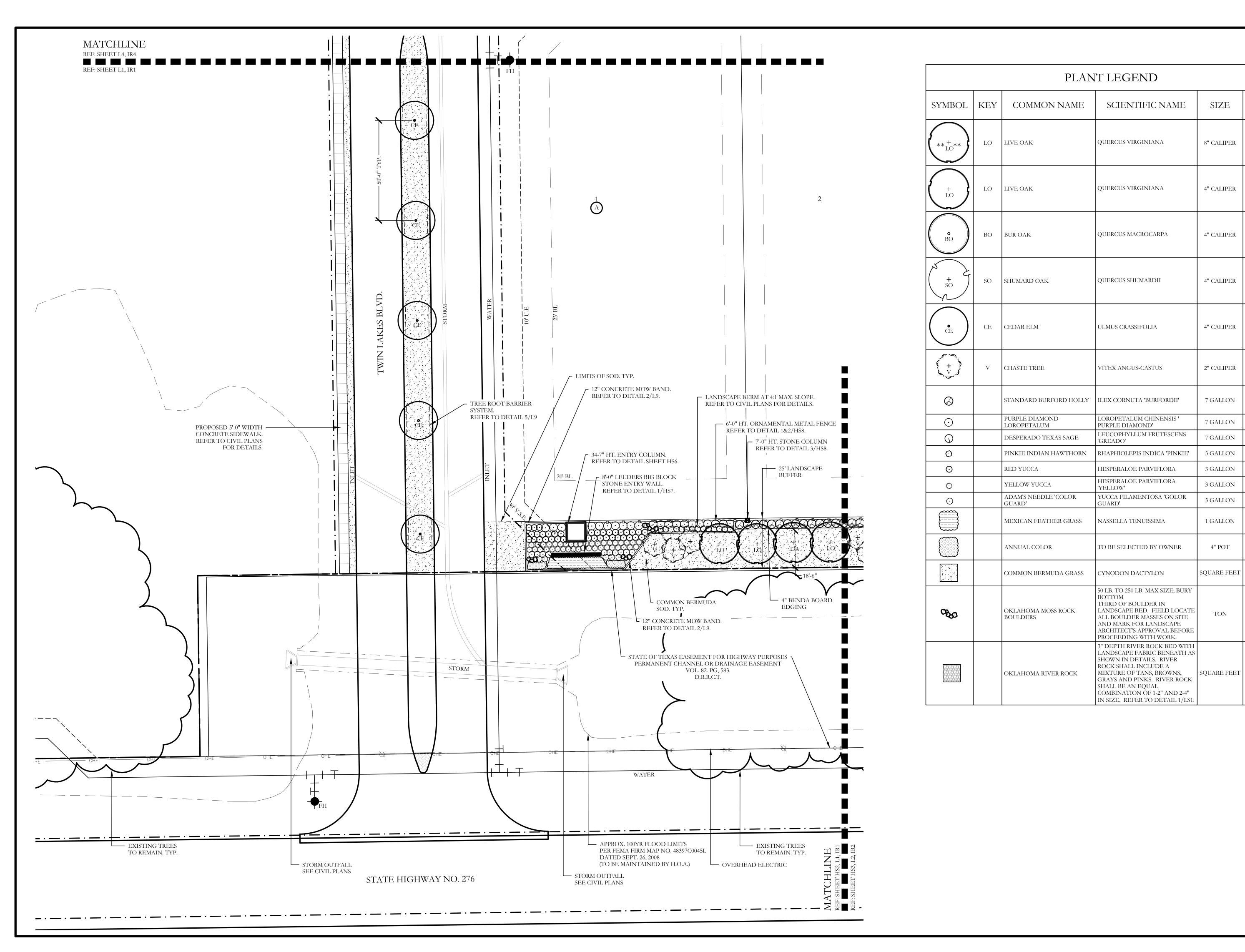


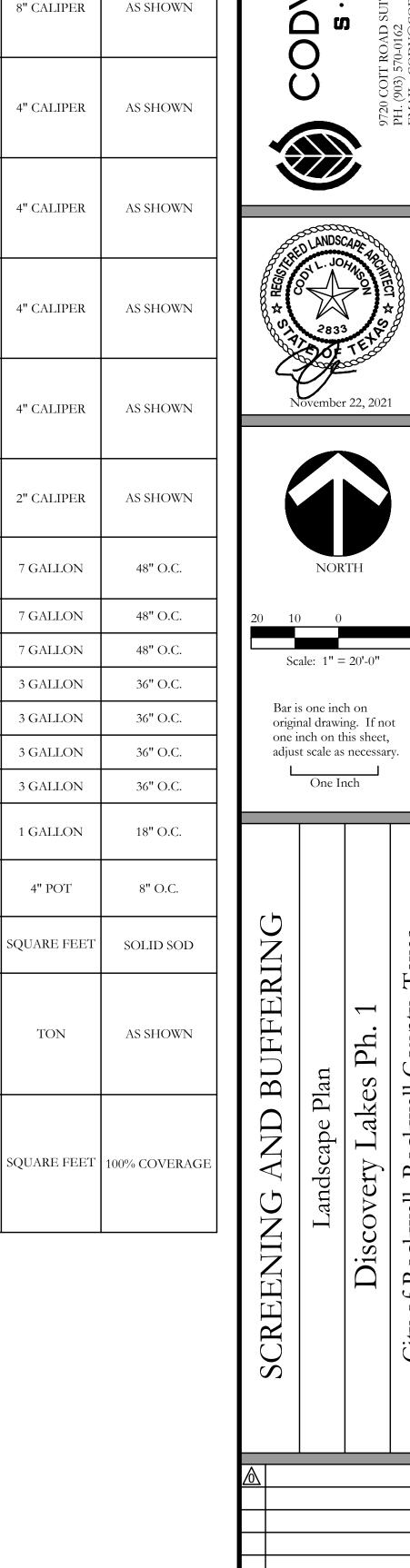


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Discovery Lakes Ph.

CJS PROJECT NO. DLL001





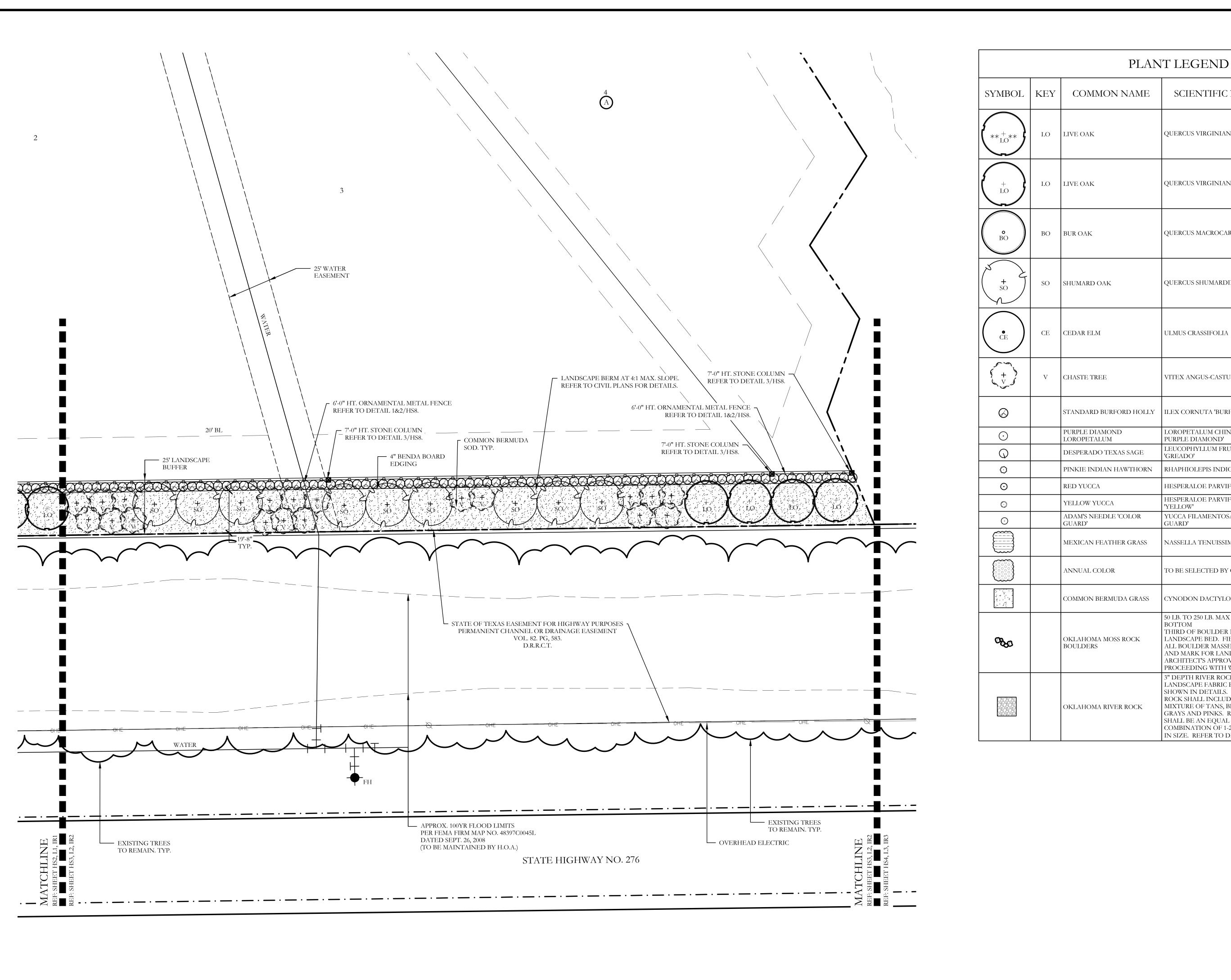
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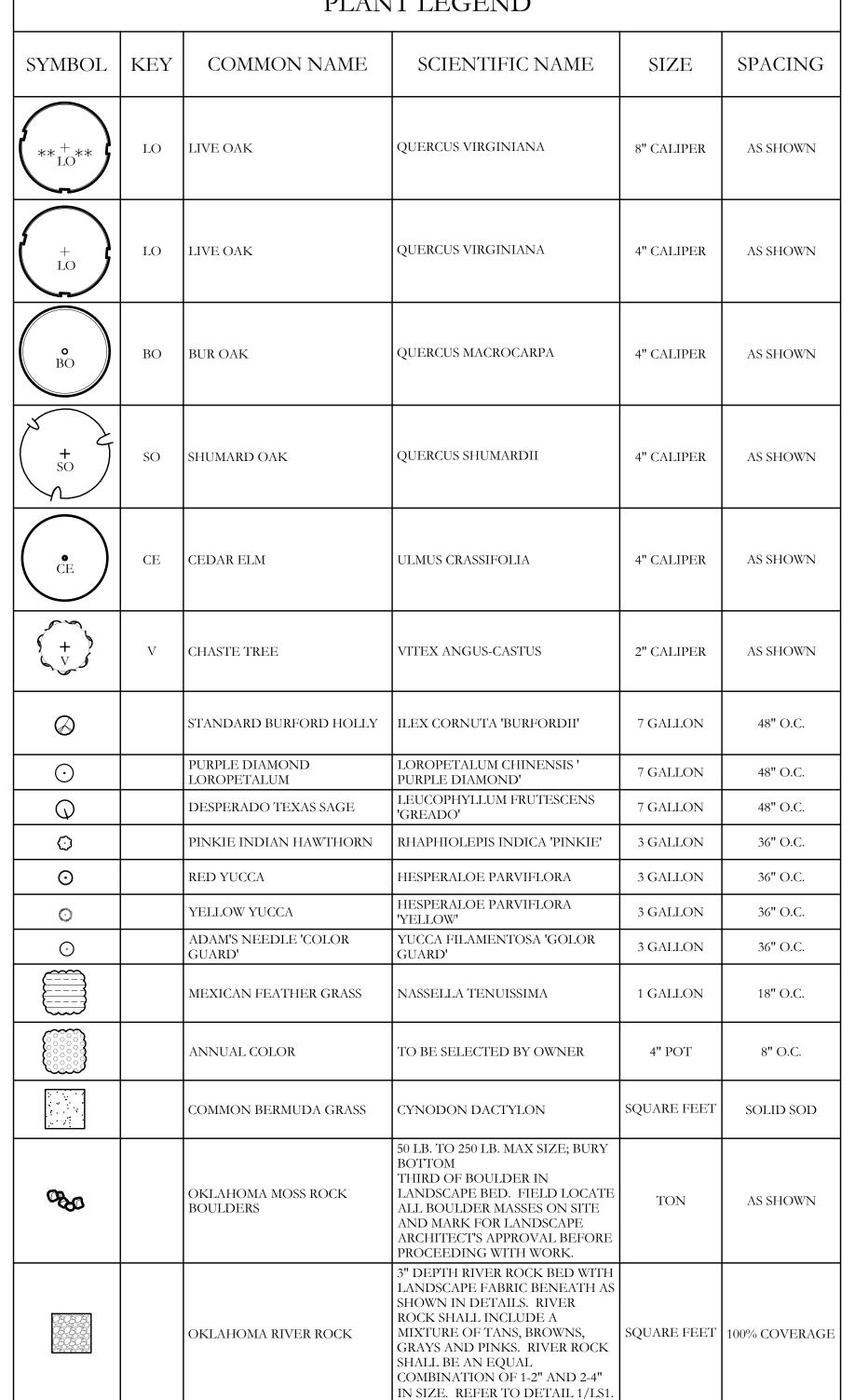
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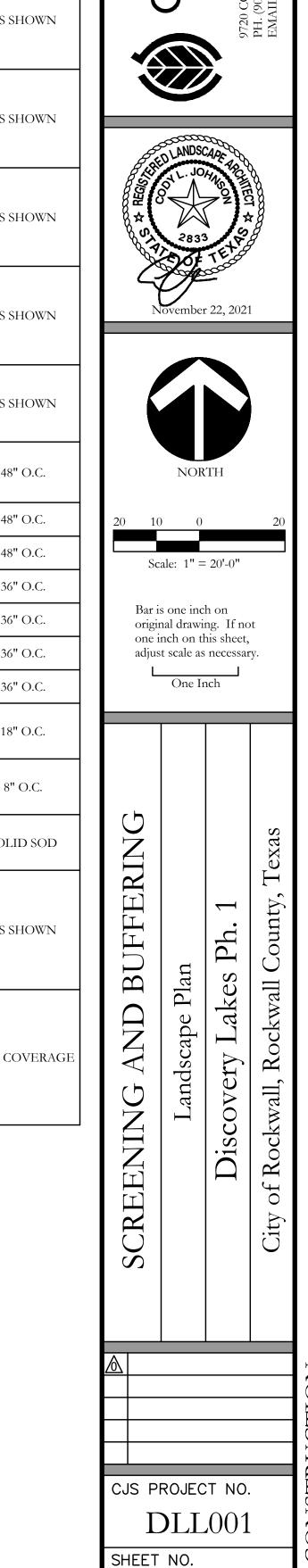
DLL003

L1 of 9

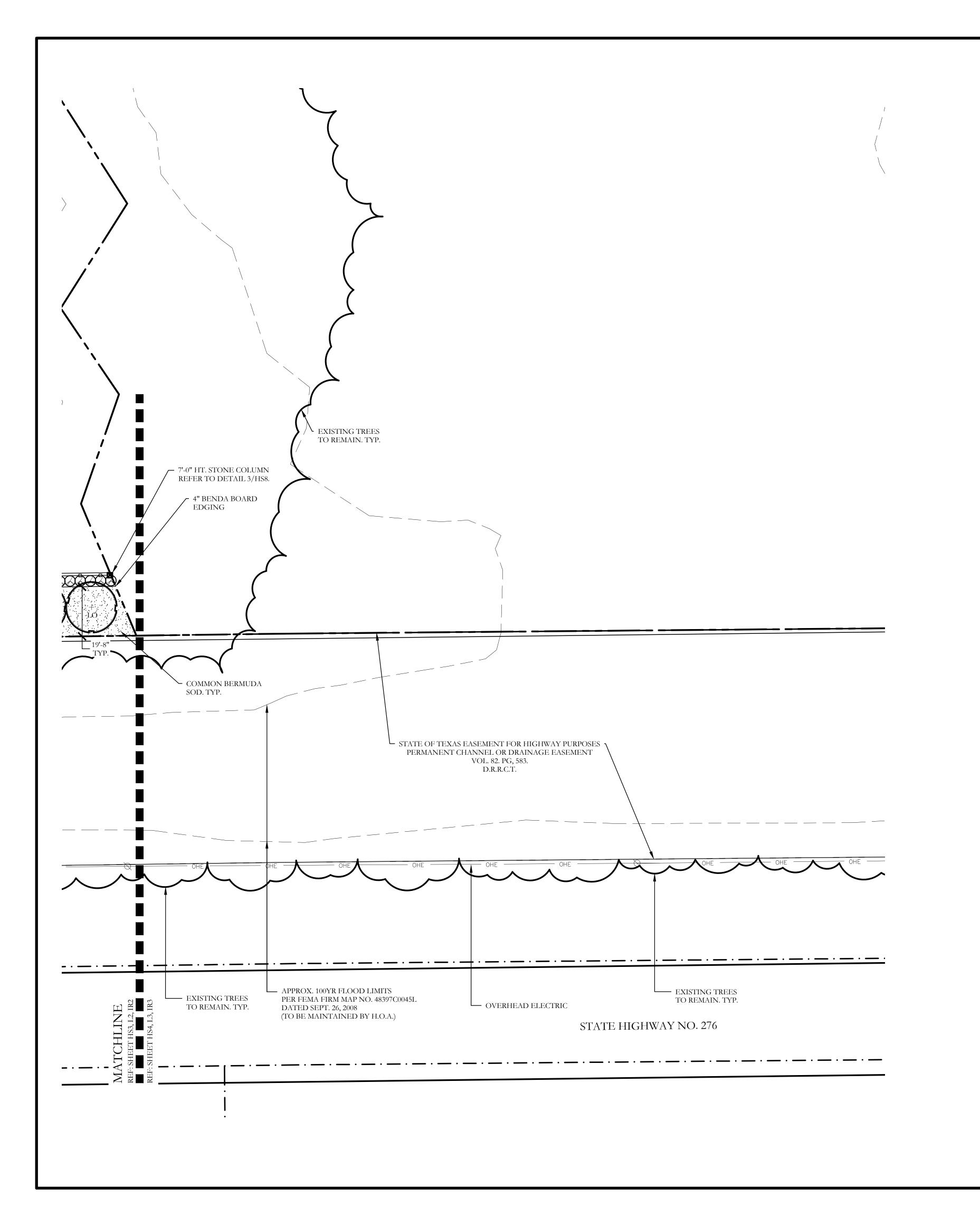
SPACING







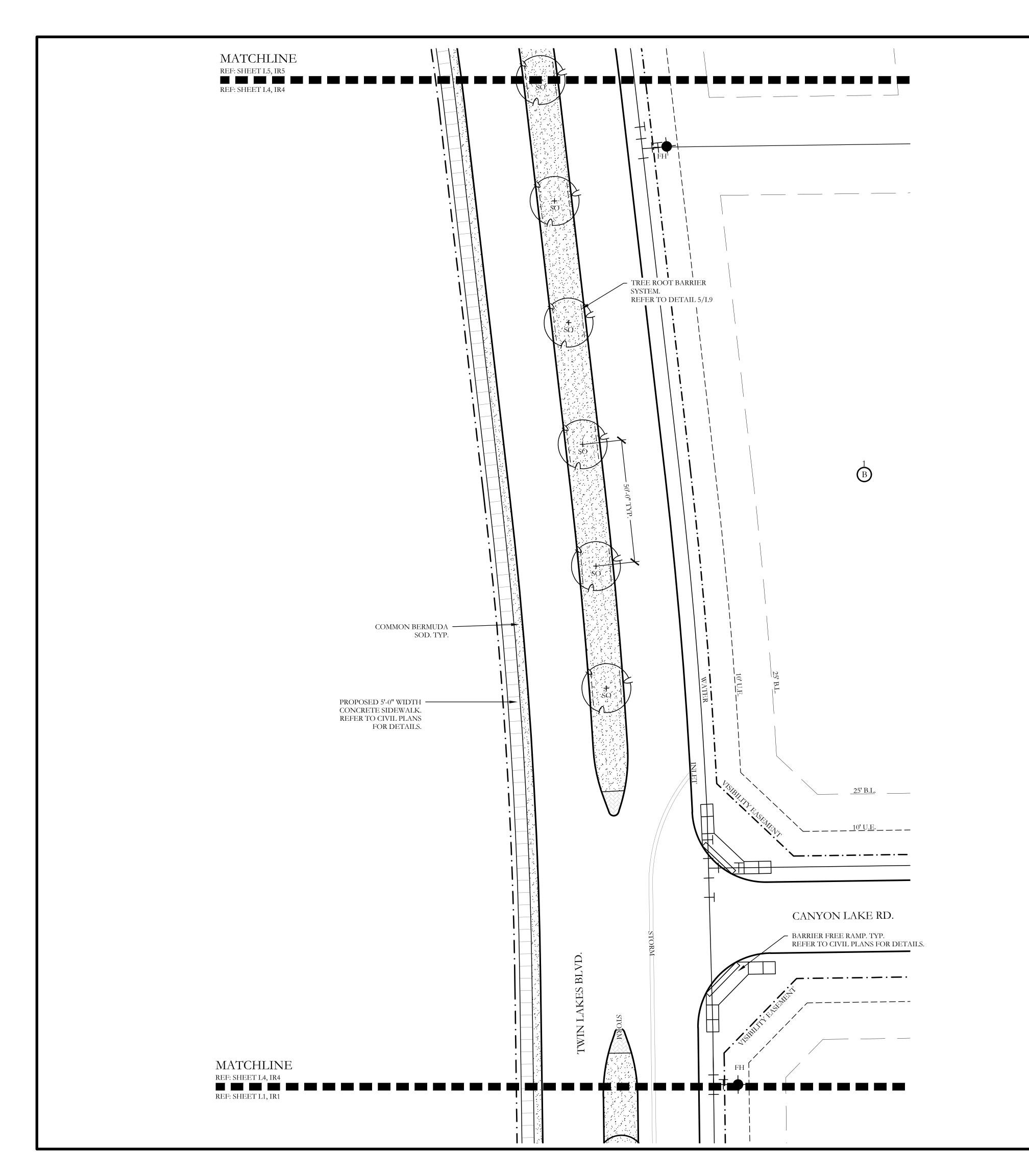




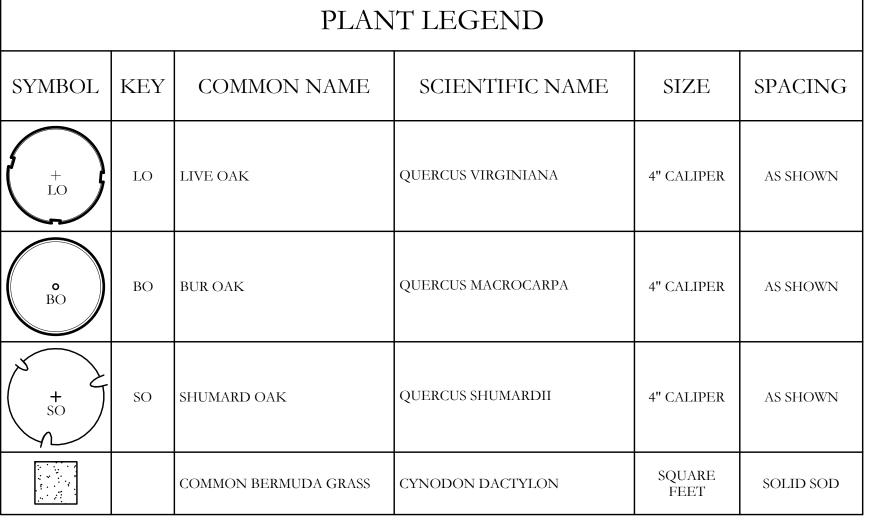
	<u> </u>	T	1		
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
******	LO	LIVE OAK	QUERCUS VIRGINIANA	8" CALIPER	AS SHOWN
+ LO	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN
× + so	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
ČE CE	CE	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN
(+ V)	V	CHASTE TREE	VITEX ANGUS-CASTUS	2" CALIPER	AS SHOWN
$\otimes$		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.
$\odot$		PURPLE DIAMOND LOROPETALUM	LOROPETALUM CHINENSIS ' PURPLE DIAMOND'	7 GALLON	48" O.C.
<b>Q</b>		DESPERADO TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS 'GREADO'	7 GALLON	48" O.C.
0		PINKIE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'PINKIE'	3 GALLON	36" O.C.
0		RED YUCCA	HESPERALOE PARVIFLORA	3 GALLON	36" O.C.
·		YELLOW YUCCA	HESPERALOE PARVIFLORA 'YELLOW'	3 GALLON	36" O.C.
$\odot$		ADAM'S NEEDLE 'COLOR GUARD'	YUCCA FILAMENTOSA 'GOLOR GUARD'	3 GALLON	36" O.C.
		MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	18" O.C.
		ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD
080		OKLAHOMA MOSS ROCK BOULDERS	50 LB. TO 250 LB. MAX SIZE; BURY BOTTOM THIRD OF BOULDER IN LANDSCAPE BED. FIELD LOCATE ALL BOULDER MASSES ON SITE AND MARK FOR LANDSCAPE ARCHITECT'S APPROVAL BEFORE PROCEEDING WITH WORK.	TON	AS SHOWN
		OKLAHOMA RIVER ROCK	3" DEPTH RIVER ROCK BED WITH LANDSCAPE FABRIC BENEATH AS SHOWN IN DETAILS. RIVER ROCK SHALL INCLUDE A MIXTURE OF TANS, BROWNS, GRAYS AND PINKS. RIVER ROCK SHALL BE AN EQUAL COMBINATION OF 1-2" AND 2-4" IN SIZE. REFER TO DETAIL 1/LS1.	SQUARE FEET	100% COVERAGE

AS SHOWN	Ľ			
		ED LANDS	CAPE ARCHITECTURE	A A
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18" O.C.				
8" O.C.				
SOLID SOD				Fexas
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% COVERAGE	ING AND BUFFERING	Landscape Plan	iscovery Lakes Ph	ity of Rockwall, Rockwall County, Texas
	SCREENI		Dis	City of Roc
	$\triangle$			
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L3 of 9



PLANT LEGEND					
SYMBOL	YMBOL KEY COMMON NAME SCIENTIFIC NAME		SIZE	SPACING	
+ LO	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN
**SO	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD



JOHNSON t· L· d· i· o

CODY



Scale: 1'' = 20'-0''

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

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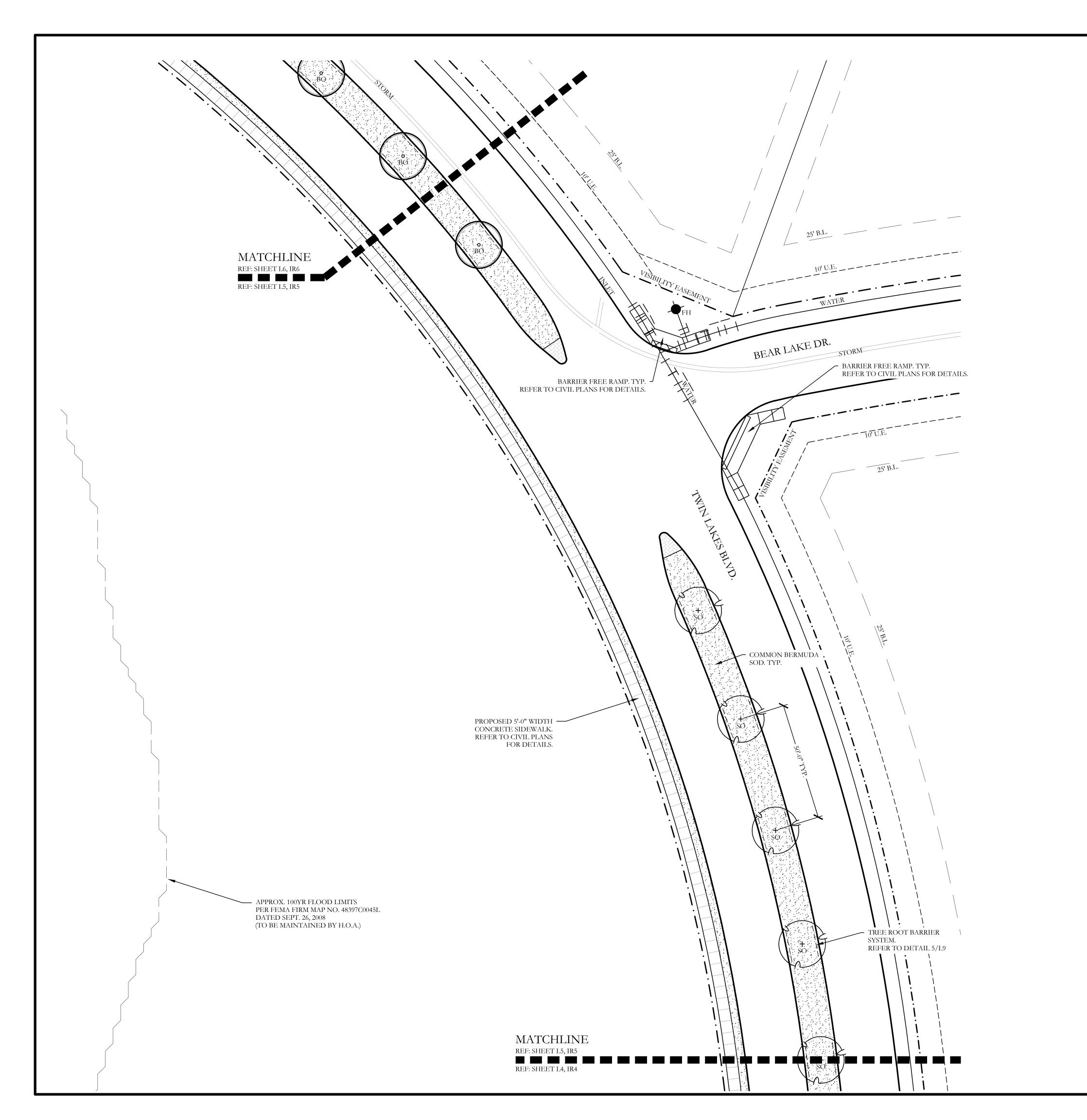
Lakes Ph.

CJS PROJECT NO.

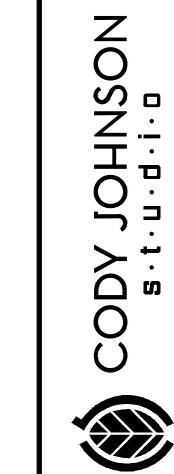
DLL001

SHEET NO.

L4 of <u>9</u>



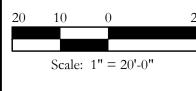
PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
+ LO	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN
+ SO	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD











Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

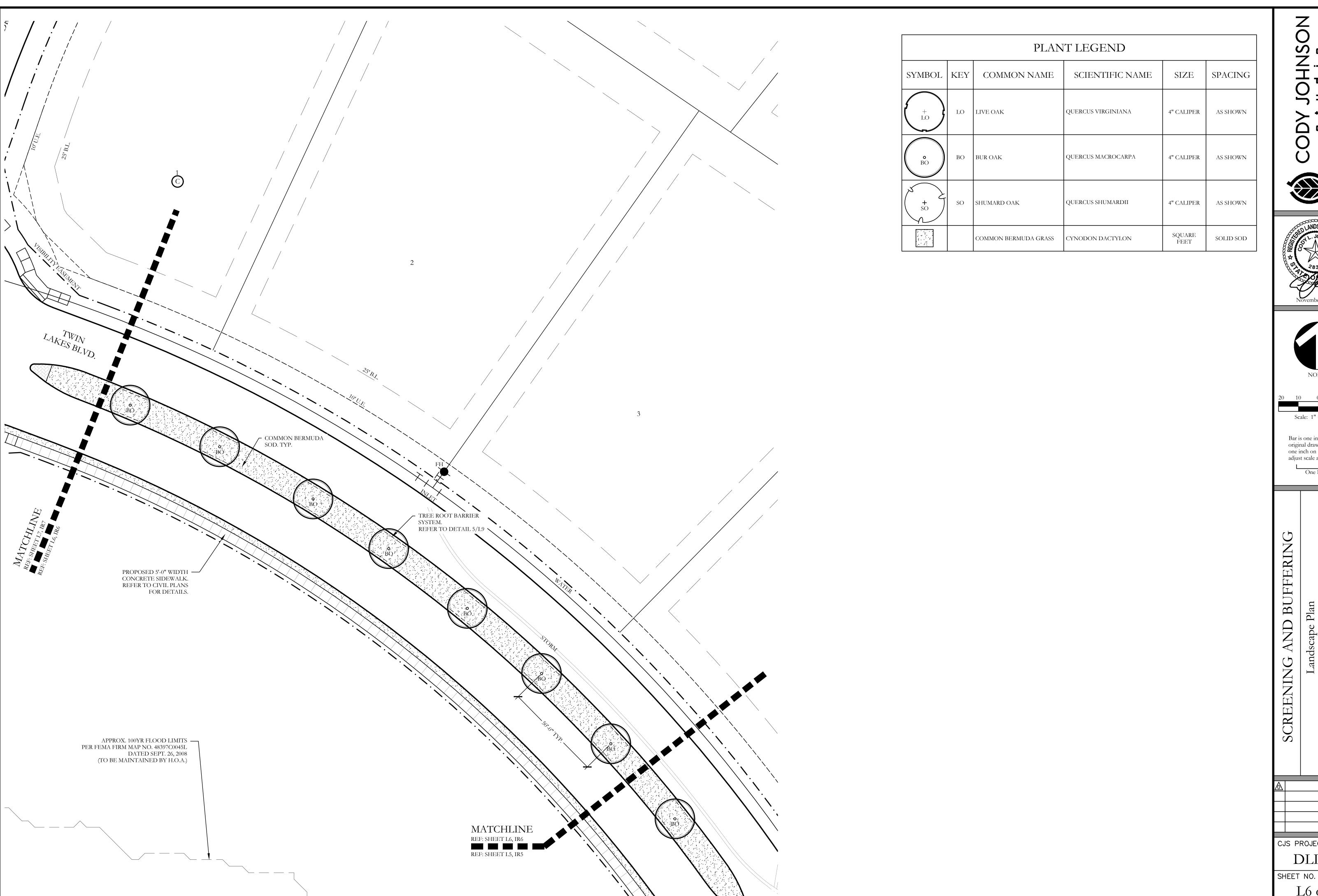
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Discovery Lakes Ph. Landscape Plan

SCREENING AND BUFFERING

CJS PROJECT NO.

DLL001 SHEET NO. L5 of <u>9</u>

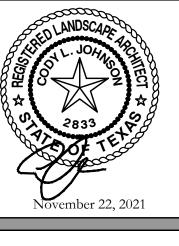


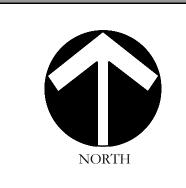
CODY











Scale: 1'' = 20'-0''

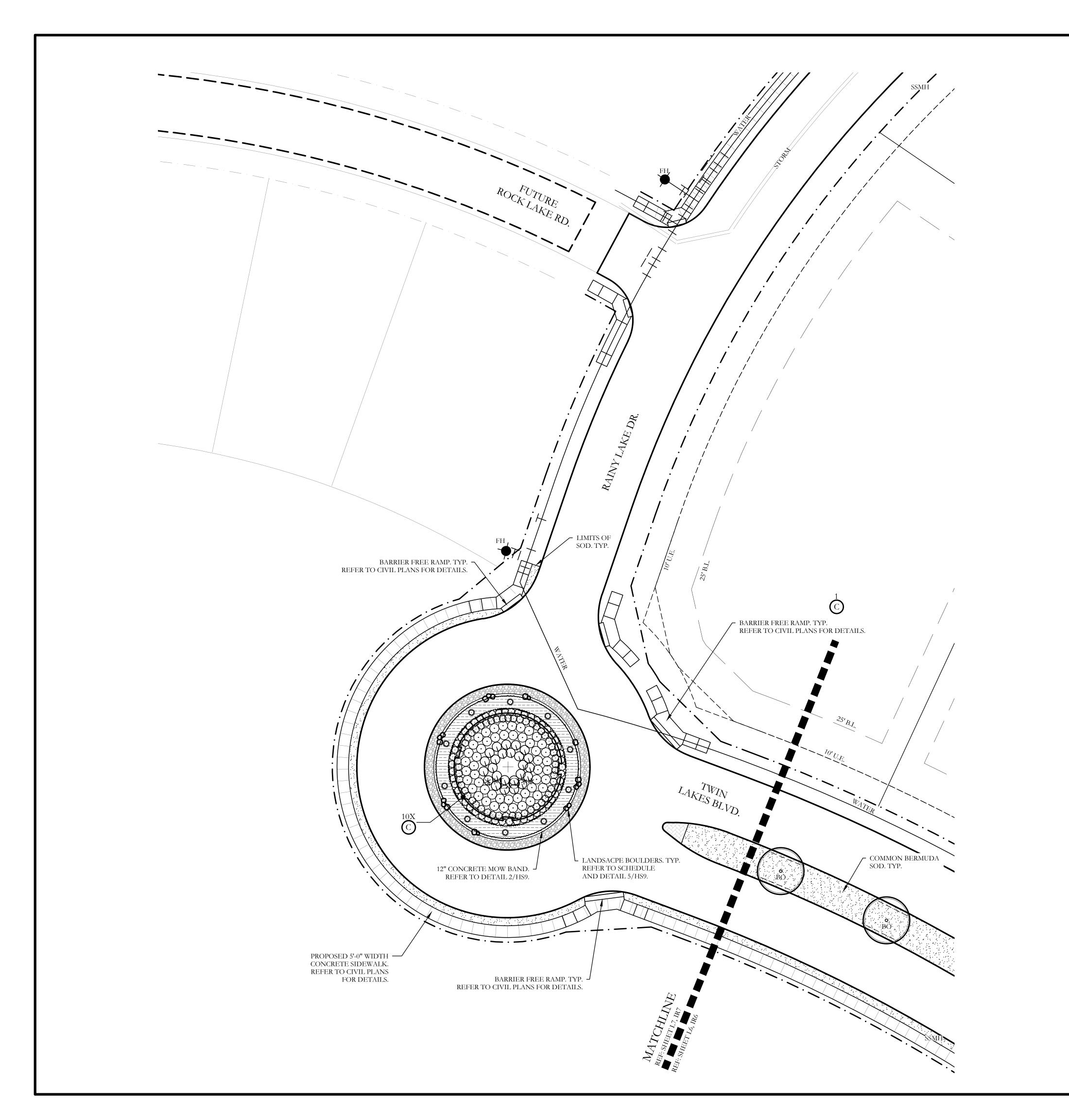
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Lakes Ph.

CJS PROJECT NO. DLL001

L6 of <u>9</u>



		PLAN	T LEGEND		
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
**LO**	LO	LIVE OAK	QUERCUS VIRGINIANA	8" CALIPER	AS SHOWN
t.O	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN
+ SO	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
© CE	CE	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN
(+ \(\frac{1}{V}\)	V	CHASTE TREE	VITEX ANGUS-CASTUS	2" CALIPER	AS SHOWN
$\otimes$		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.
$\odot$		PURPLE DIAMOND LOROPETALUM	LOROPETALUM CHINENSIS ' PURPLE DIAMOND'	7 GALLON	48" O.C.
Q		DESPERADO TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS 'GREADO'	7 GALLON	48" O.C.
0		PINKIE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'PINKIE'	3 GALLON	36" O.C.
0		RED YUCCA	HESPERALOE PARVIFLORA	3 GALLON	36" O.C.
· · · · · · · · · · · · · · · · · · ·		YELLOW YUCCA	HESPERALOE PARVIFLORA 'YELLOW'	3 GALLON	36" O.C.
$\odot$		ADAM'S NEEDLE 'COLOR GUARD'	YUCCA FILAMENTOSA 'GOLOR GUARD'	3 GALLON	36" O.C.
		MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	18" O.C.
		ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD
080		OKLAHOMA MOSS ROCK BOULDERS	50 LB. TO 250 LB. MAX SIZE; BURY BOTTOM THIRD OF BOULDER IN LANDSCAPE BED. FIELD LOCATE ALL BOULDER MASSES ON SITE AND MARK FOR LANDSCAPE ARCHITECT'S APPROVAL BEFORE PROCEEDING WITH WORK.	TON	AS SHOWN
		OKLAHOMA RIVER ROCK	3" DEPTH RIVER ROCK BED WITH LANDSCAPE FABRIC BENEATH AS SHOWN IN DETAILS. RIVER ROCK SHALL INCLUDE A MIXTURE OF TANS, BROWNS, GRAYS AND PINKS. RIVER ROCK SHALL BE AN EQUAL COMBINATION OF 1-2" AND 2-4" IN SIZE. REFER TO DETAIL 1/LS1.	SQUARE FEET	100% COVERAG

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36" O.C.			,	
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36" O.C.		st scale as	s necessar	
36" O.C.		One I	nch	
18" O.C.				
8" O.C.				
OLID SOD	RING			Fexas
S SHOWN	BUFFE	Jan	akes Ph. 1	all County,
COVERAGE	NG AND	Landscape Plat	Discovery Lak	City of Rockwall, Rockwall County, Texas
	SCREENING A		Dis	City of Roc
		_		
	CJS P			
			_001	
	SHEET	NO.		

/ JOHNSON

# LANDSCAPE PROVIDED

STATE HIGHWAY - 276

MINIMUM TWENTY (25) FOOT LANDSCAPE BUFFER PROVIDED

6' HT. WROUGHT IRON METAL SCREENING FENCE PROVIDED.

3-4" CAL. CANOPY TREE / 100 LF OF LINEAR FRONTAGE.  $\overline{545}$  LF OF FRONTAGE / 100 LF = 5.45

 $5.45 \times 3 = 16.35$ 

4-ACCENT TREES / 100 LF OF LINEAR FRONTAGE. 545 LF OF FRONTAGE / 100 LF = 5.45

5.45 X 4 = 21.80

PROVIDED: 17 - 4" CALIPER TREES 22 - ACCENT TREES

SHRUBBERY SHALL HAVE A MINIMUM HEIGHT OF 30 INCHES

AND A MAXIMUM HEIGHT OF 48 INCHES.

MINIMUM 2.5' HT. LANDSCAPE BERMS PROVIDED ALONG FRONTAGE. REFER TO CIVIL PLANS FOR DETAILS

		PLANT LIST							
KEY	ESTIMATED QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	REMARKS			
LO	8	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.			
**LO**	1	LIVE OAK - MULTI TRUNK	QUERCUS VIRGINIANA	8" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 10'-0"; MINIMUM 15'-0" OVERALL HEIGHT.			
ВО	8	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.			
SO	19	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.			
СЕ	5	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.			
V	22	CHASE TREE	VITEX ANGUS-CASTUS	2" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM 8'-0" OVERALL HEIGHT.			
	105	STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.			
	71	PURPLE DIAMOND LOROPETALUM	LOROPETALUM CHINENSIS ' PURPLE DIAMOND'	7 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.			
	25	DESPERADO TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS 'GREADO'	3 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.			
	114	PINKIE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'PINKIE'	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.			
	36	RED YUCCA	HESPERALOE PARVIFLORA	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.			
	50	YELLOW YUCCA	HESPERALOE PARVIFLORA 'YELLOW'	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.			
	19	ADAN'S NEEDLE 'COLOR GUARD'	YUCCA FILAMENTOSA 'COLOR GUARD'	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.			
	550	MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	24" O.C.	CONTAINER GROWN; FULL PLANT.			
	170	ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.	CONTAINER GROWN; FULL PLANT.			
	32,800	COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD	MINIMUM 100% COVERAGE ALL AREAS SHOWN			
	1.5	OKLAHOMA MOSS ROCK BOULDERS	N/A	TON	AS SHOWN	50 LB. TO 250 LB. MAX SIZE; BURY BOTTOM THIRD OF BOULDER IN LANDSCAPE BED. FIELD LOCATE ALL BOULDER MASSES ON SITE AND MARK FOR LANDSCAPE ARCHITECT'S APPROVAL BEFORE PROCEEDING WITH WORK.			
	825	OKLAHOMA RIVER ROCK	N/A	SQUARE FEET	100% COVERAGE	3" DEPTH RIVER ROCK BED WITH LANDSCAPE FABRIC BENEATH AS SHOWN IN DETAILS. RIVER ROCK SHALL INCLUDE A MIXTURE OF TANS, BROWNS, GRAYS, AND PINKS. RIVER ROCK SHALL BE AN EQUAL COMBUNATION OF 1"-2" AND 2"-4" IN SIZE.			

# GENERAL LANDSCAPE NOTES

#### INSPECTIONS:

1. NO EXCAVATION SHALL OCCUR IN CITY R.O.W. WITHOUT A R.O.W. PERMIT--CONTACT THE PUBLIC

WORKS DEPARTMENT. 2. THE CONTRACTOR SHALL MARK ALL WATER LINES, SEWER LINES, AND TREE LOCATIONS PRIOR TO

CALLING FOR ROW INSPECTION AND PERMIT.

3. THE LANDSCAPE INSTALLATION SHALL COMPLY WITH APPROVED LANDSCAPE DRAWINGS PRIOR TO FINAL ACCEPTANCE BY THE CITY AND ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

4. 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:

1. PLANTINGS AND LANDSCAPE ELEMENTS SHALL COMPLY WITH THE CITY'S ENGINEERING DESIGN STANDARDS, PUBLIC R.O.W. VISIBILITY REQUIREMENTS.

2. 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. 3. A MINIMUM THREE FEET (3') RADIUS AROUND A FIRE HYDRANT MUST REMAIN CLEAR OF

LANDSCAPE PURSUANT TO THE FIRE CODE. 4. 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 5. THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004) SPECIFICATIONS SHALL GOVERN

PLANT QUALIFICATIONS, GRADES, AND STANDARDS. 6. TREE PLANTING SHALL COMPLY WITH DETAILS HEREIN AND THE INTERNATIONAL SOCIETY OF

ARBORICULTURE (ISA) STANDARDS. 7. 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. 8. 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.

9. ALL BEDS TO HAVE 3" OF COMPOSTED SOIL, LIVING EARTH TECHNOLOGY, OR APPROVED EQUAL TILLED AND TURNED TO A DEPTH OF 8" MINIMUM.

10. ALL PLANT BEDS SHALL BE TOP-DRESSED WITH A MINIMUM OF 3 INCHES OF HARDWOOD MULCH. 11. NATIVE SITE TOPSOIL IS TO BE PROTECTED FROM EROSION OR STOCKPILED. NATIVE SITE TOPSOIL

SHALL BE LABORATORY TESTED BY AND ACCREDITED LABORATORY AND AMENDED PER SAID LABORATORY'S RECOMMENDATIONS.

# IRRIGATION STANDARDS:

1. ANY CHANGES TO THESE APPROVED IRRIGATION DRAWINGS SHALL BE AUTHORIZED BY THE CITY. 2. CONTACT DEVELOPMENT SERVICES FOR AN IRRIGATION PERMIT PRIOR TO INSTALLING THE IRRIGATION SYSTEM.

3. IRRIGATION OVER-SPRAY ON STREETS AND WALKS IS PROHIBITED. 4. MAINLINES, VALVES, OR CONTROL WIRES SHALL NOT BE LOCATED IN THE CITY'S ROW.

5. ET IRRIGATION CONTROLLERS SHALL BE PROGRAMMED AND ADJUSTED TO NOT EXCEED THE LANDSCAPE WATER ALLOWANCE (LWA) PRIOR TO APPROVAL OF LANDSCAPE INSTALLATION.

6. 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.

7. THE BORE DEPTH UNDER STREETS, DRIVE AISLES, AND FIRE LANES SHALL PROVIDE (2') OF CLEARANCE (MINIMUM).

8. IRRIGATION HEADS THAT RUN PARALLEL AND NEAR PUBLIC WATER AND SANITARY SEWER LINES; SHALL BE FED FROM STUBBED LATERALS OR BULL-BEADS. A MINIMUM FIVE FOOT (5') SEPARATION IS REQUIRED BETWEEN IRRIGATION MAIN LINES AND LATERALS THAT RUN PARALLEL TO PUBLIC WATER AND SANITARY SEWER LINES.

9. NO VALVES, BACKFLOW PREVENTION ASSEMBLIES, QUICK COUPLERS ETC. SHALL BE LOCATED CLOSER THAN 10' FROM THE CURB AT STREET OR DRIVE INTERSECTION.

## MAINTENANCE STANDARDS:

1. 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

2. LANDSCAPE AND OPEN AREAS SHALL BE FREE OF TRASH, LITTER AND WEEDS.

3. NO PLANT MATERIAL SHALL BE ALLOWED TO ENCROACH ON R.O.W., SIDEWALKS OR EASEMENTS TO THE EXTENT THAT VISION OR ROUTE OF TRAVEL FOR VEHICULAR, PEDESTRIAN, OR BICYCLE TRAFFIC IS IMPEDED.

4. TREE MAINTENANCE SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE INTERNATIONAL SOCIETY OF ARBORICULTURE.

5. 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:

1. CONTACT DEVELOPMENT SERVICES FOR A TREE REMOVAL PERMIT PRIOR TO REMOVAL OR

TRANSPLANTING OF ANY TREES. 2. 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.

3. 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.

4. NO EQUIPMENT SHALL BE CLEANED, OR HARMFUL LIQUIDS DEPOSITED WITHIN THE LIMITS OF THE ROOT ZONE OF TREES WHICH REMAIN ON SITE.

5. NO SIGNS, WIRES, OR OTHER ATTACHMENTS SHALL BE ATTACHED TO ANY TREE TO REMAIN ON

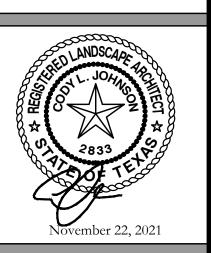
6. VEHICULAR AND CONSTRUCTION EQUIPMENT SHALL NOT PARK OR DRIVE WITHIN THE LIMITS OF

7. 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. 8. NO TRENCHING SHALL BE ALLOWED WITHIN THE DRIP-LINE OF A TREE, UNLESS APPROVED BY THE

9. ALL REMOVED TREES SHALL BE CHIPPED AND USED FOR MULCH ON SITE OR HAULED OFF-SITE.

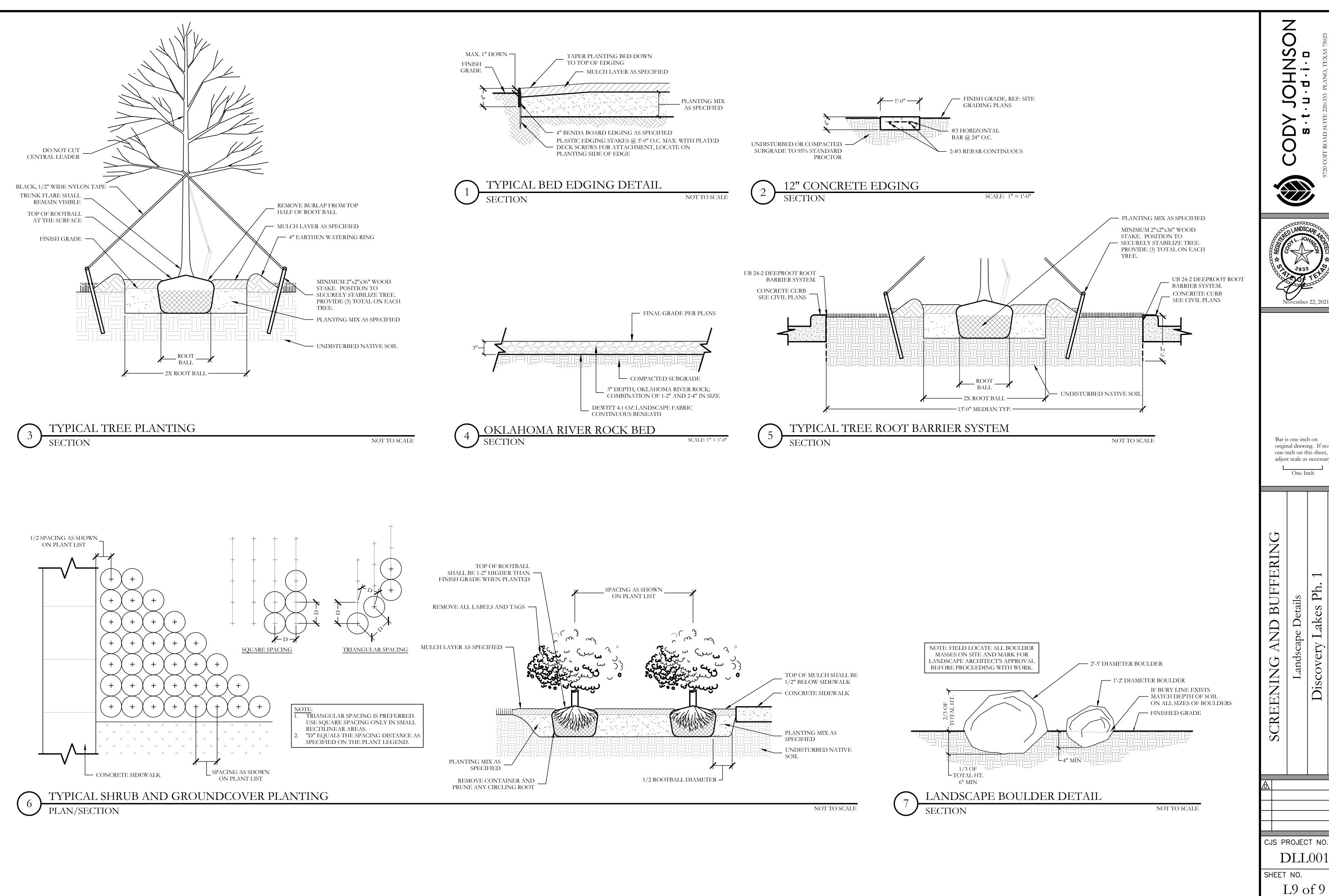
10. ALL TREE MAINTENANCE TECHNIQUES SHALL BE IN CONFORMANCE WITH INDUSTRY IDENTIFIED STANDARDS. IMPROPER OR MALICIOUS PRUNING TECHNIQUES ARE STRICTLY PROHIBITED.



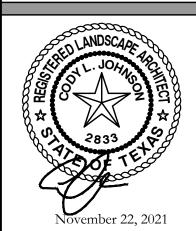
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CJS PROJECT NO.





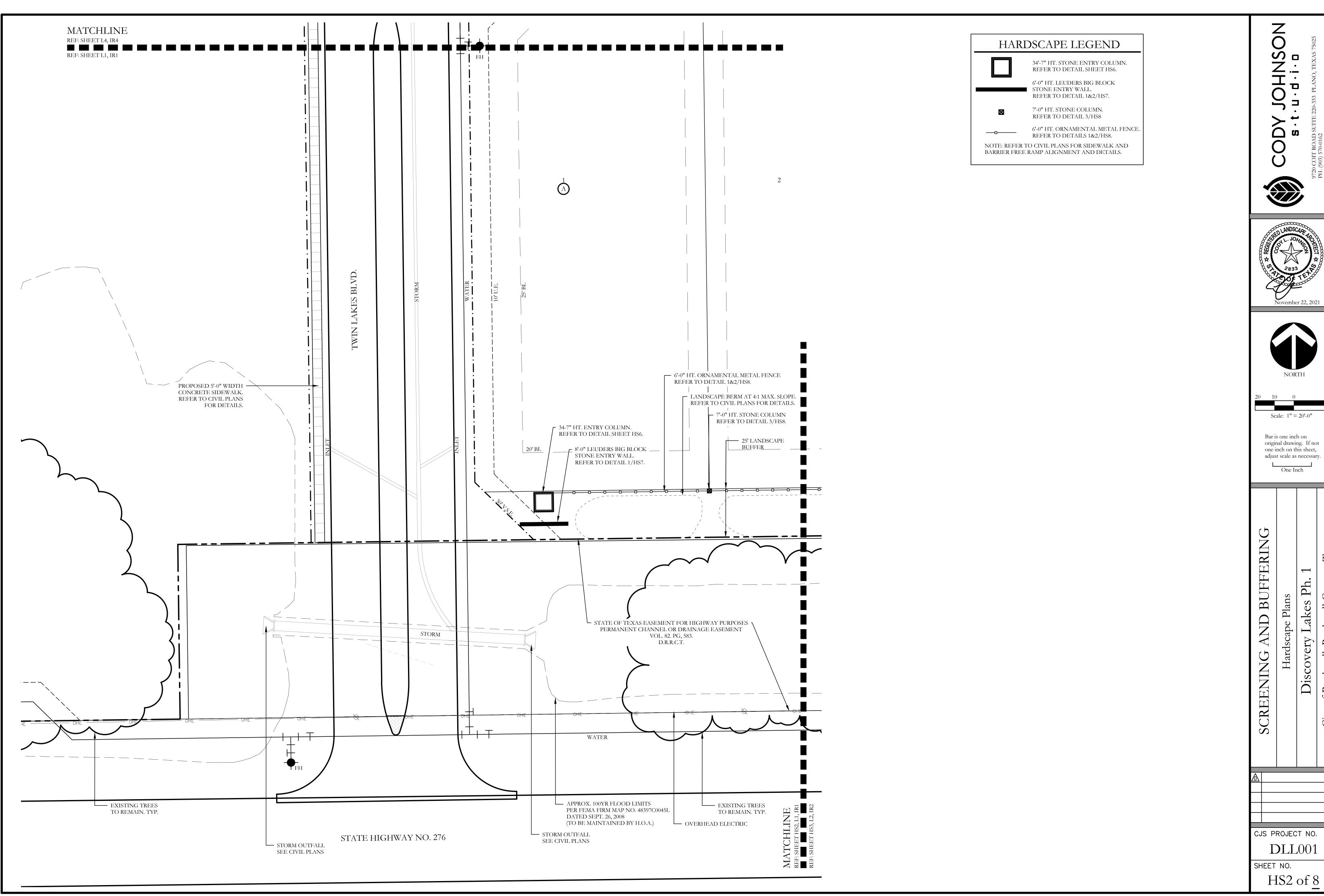


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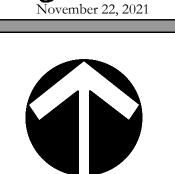
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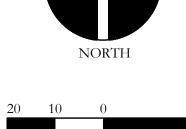
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**DLL**001







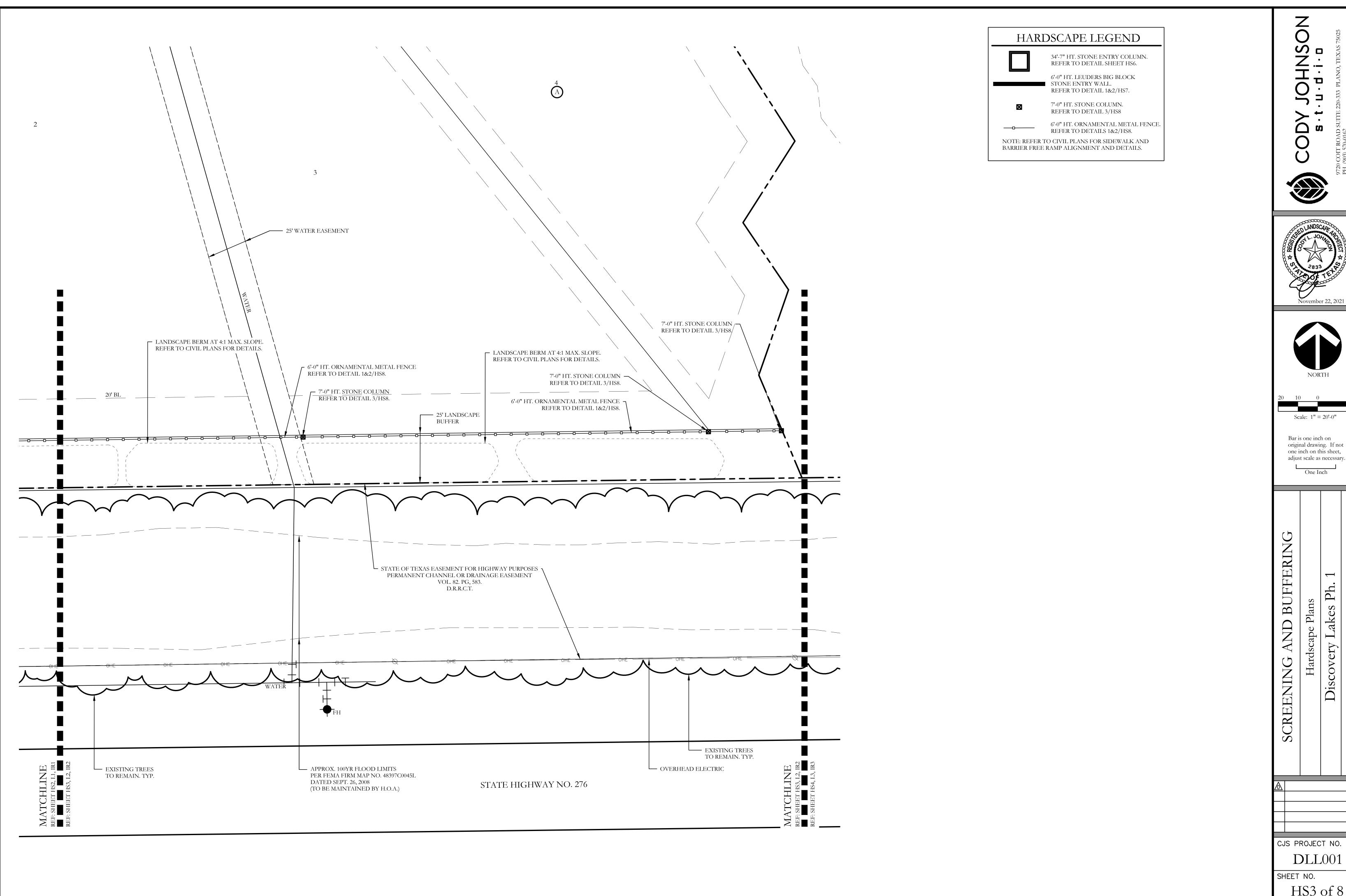


Scale: 1'' = 20'-0''

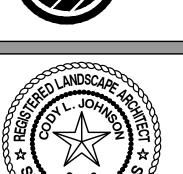
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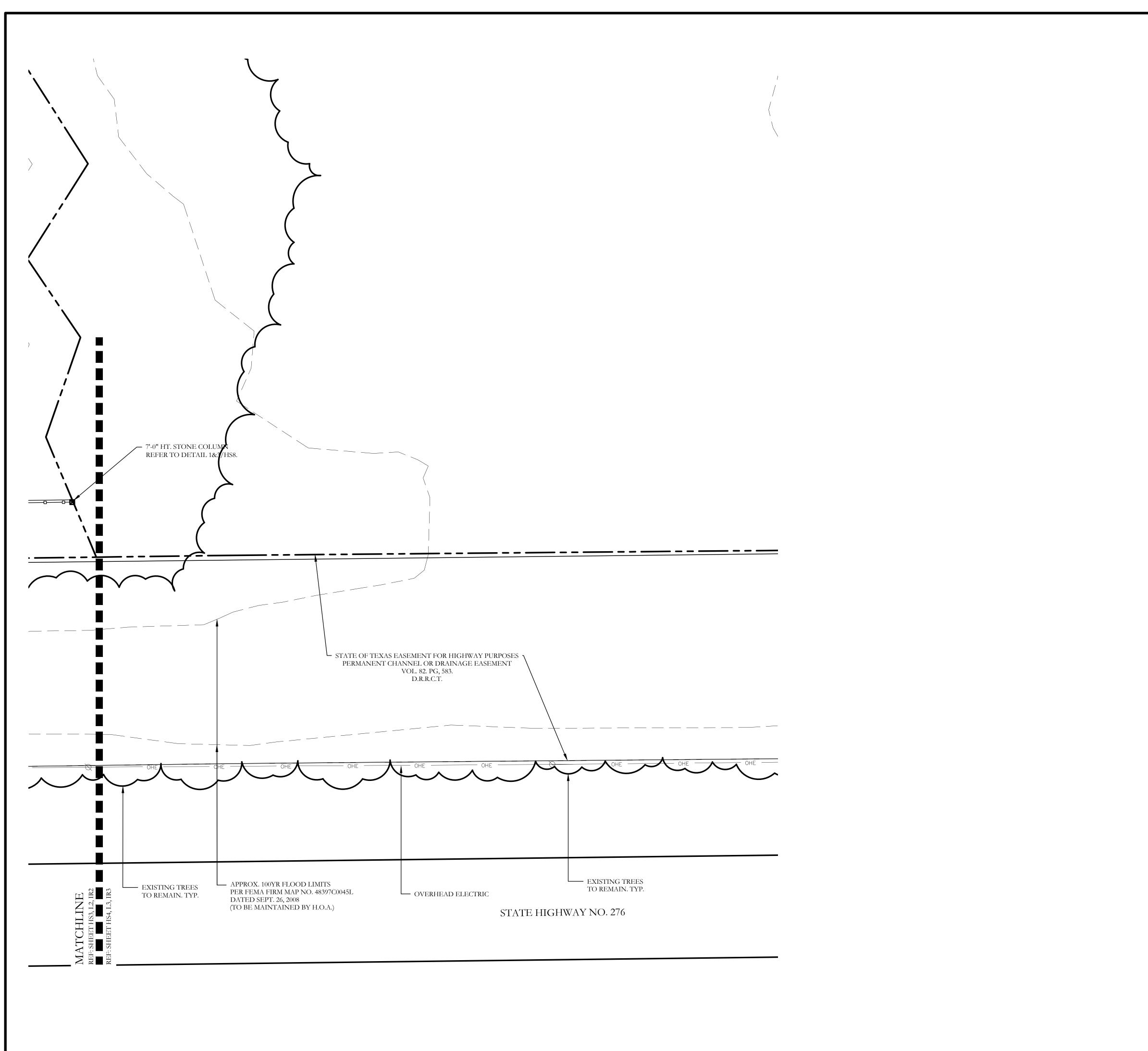




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DLL001

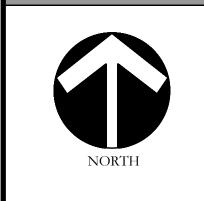
HS3 of 8

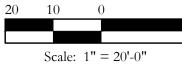


HARDSCAPE LEGEND 34'-7" HT. STONE ENTRY COLUMN. REFER TO DETAIL SHEET HS6. 6'-0" HT. LEUDERS BIG BLOCK STONE ENTRY WALL. REFER TO DETAIL 1&2/HS7. 7'-0" HT. STONE COLUMN. REFER TO DETAIL 3/HS8 6'-0" HT. ORNAMENTAL METAL FENCE. REFER TO DETAILS 1&2/HS8.

> NOTE: REFER TO CIVIL PLANS FOR SIDEWALK AND BARRIER FREE RAMP ALIGNMENT AND DETAILS.







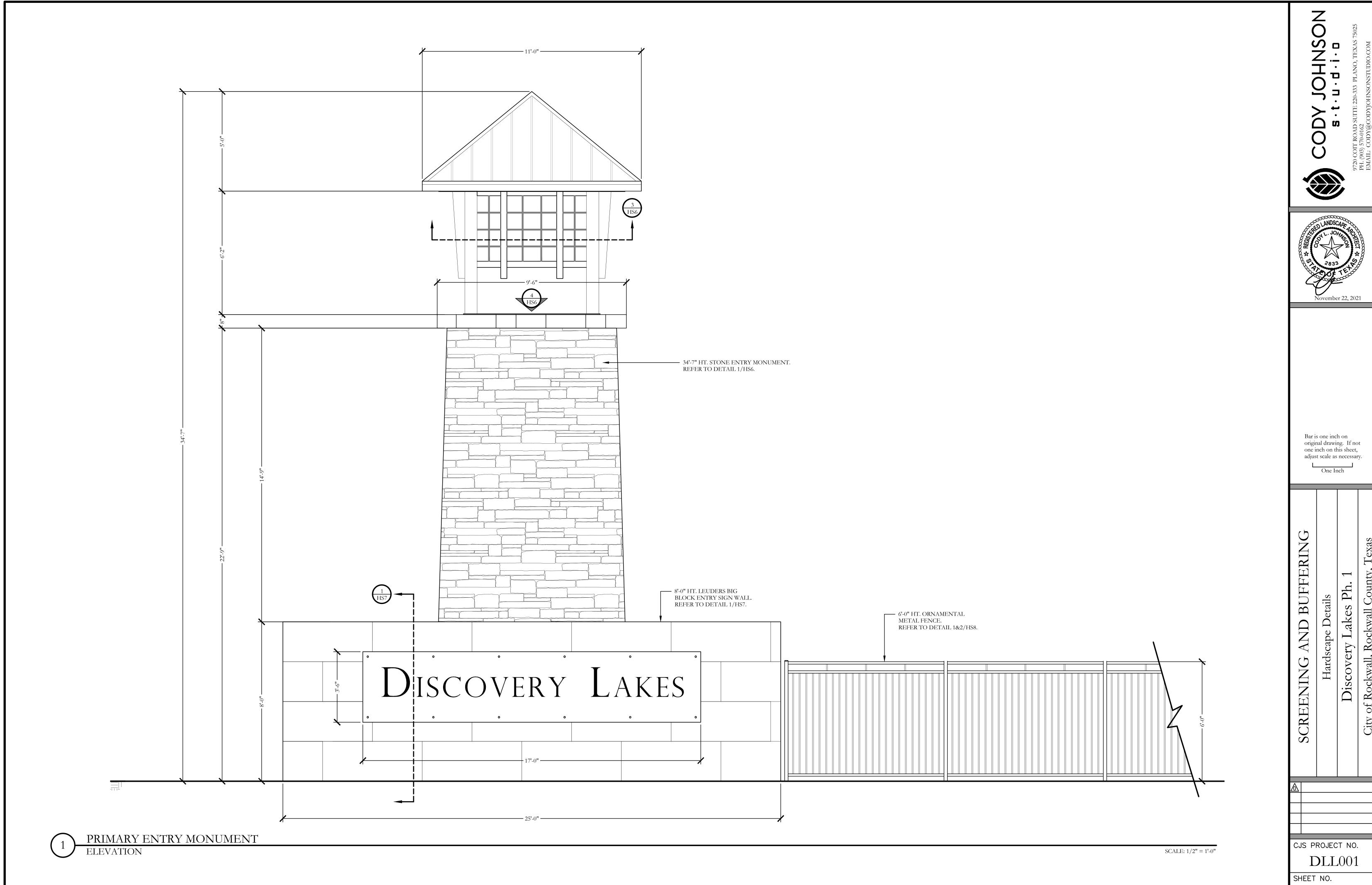
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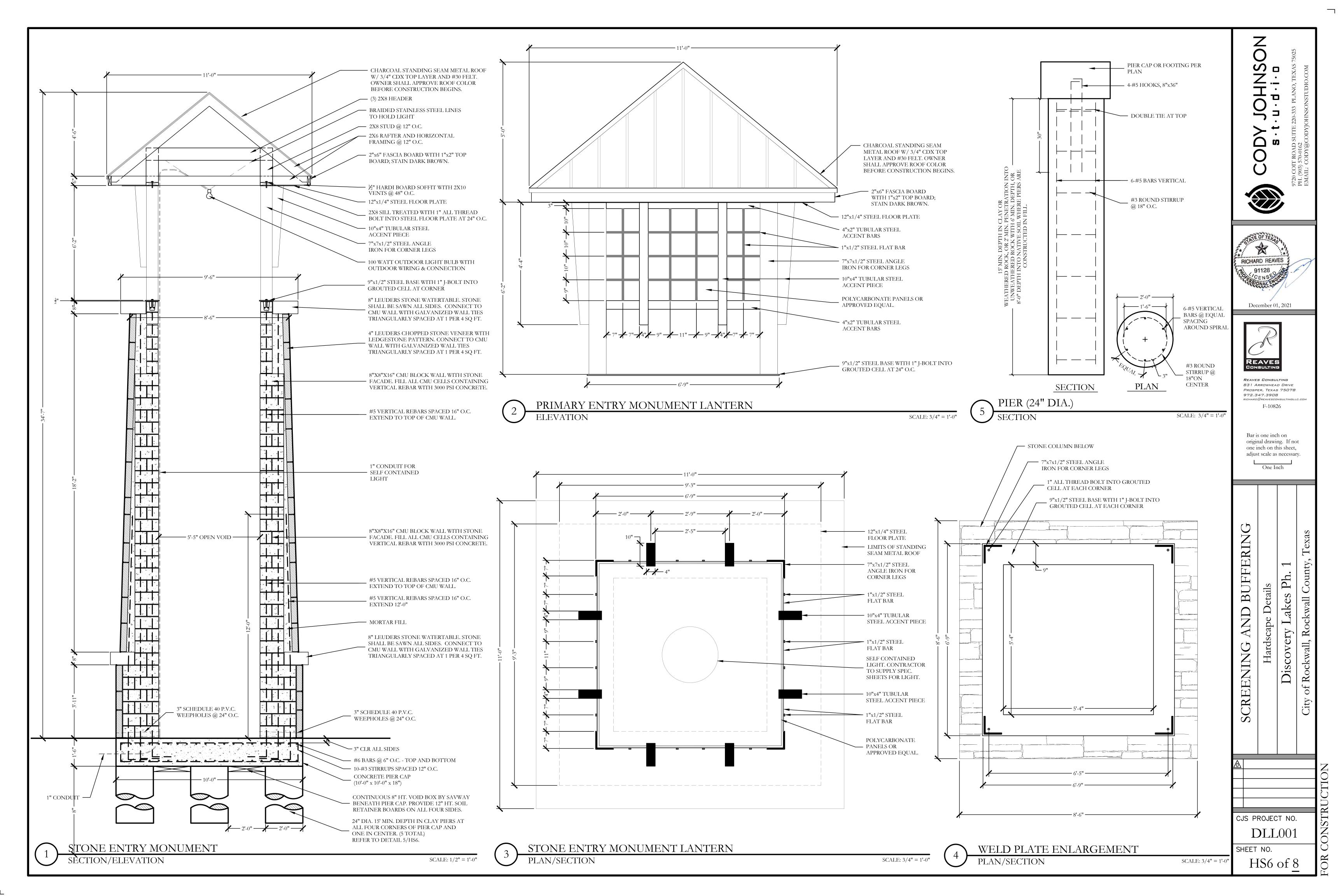
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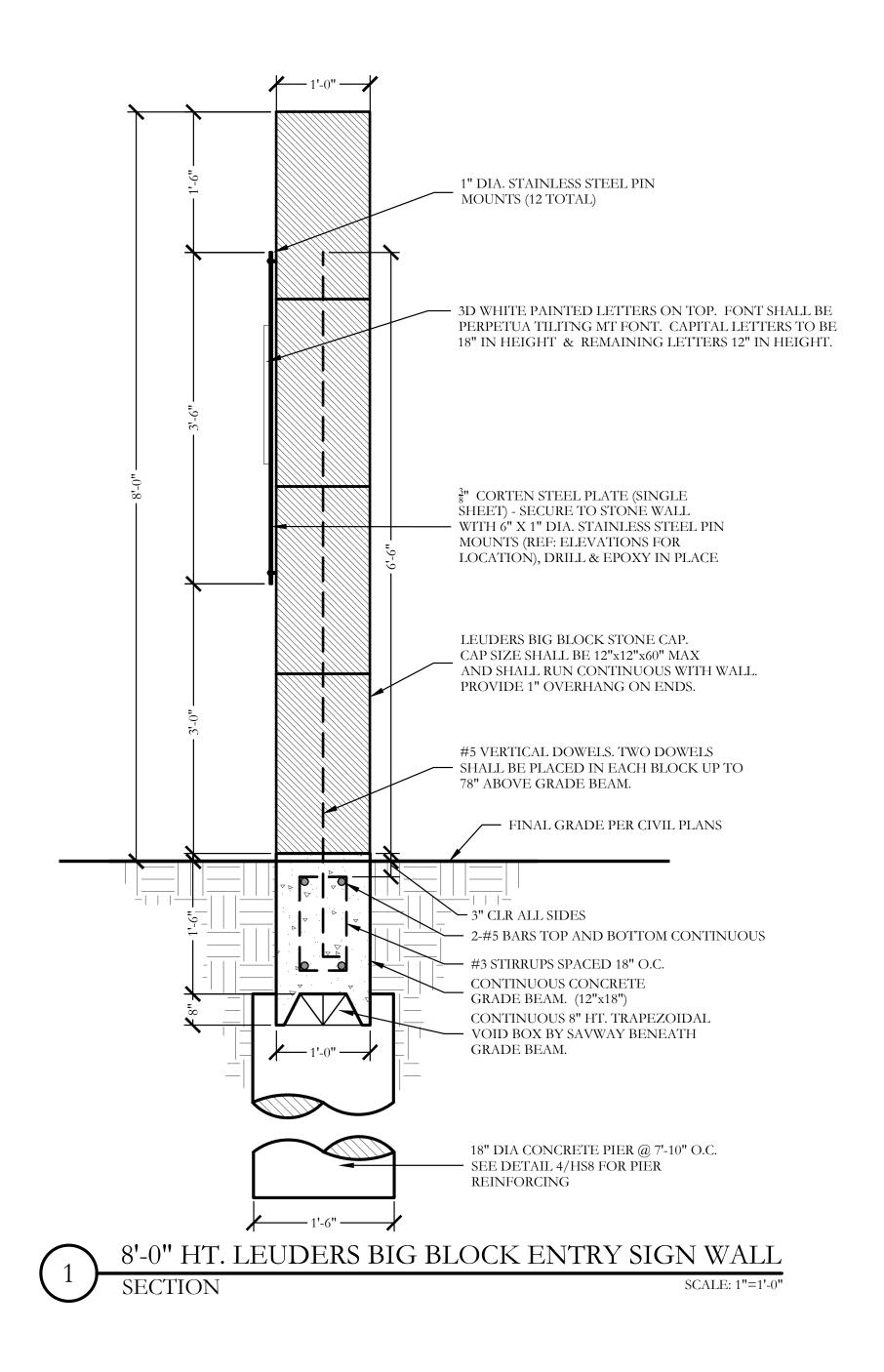
DLL001 HS4 of <u>8</u>

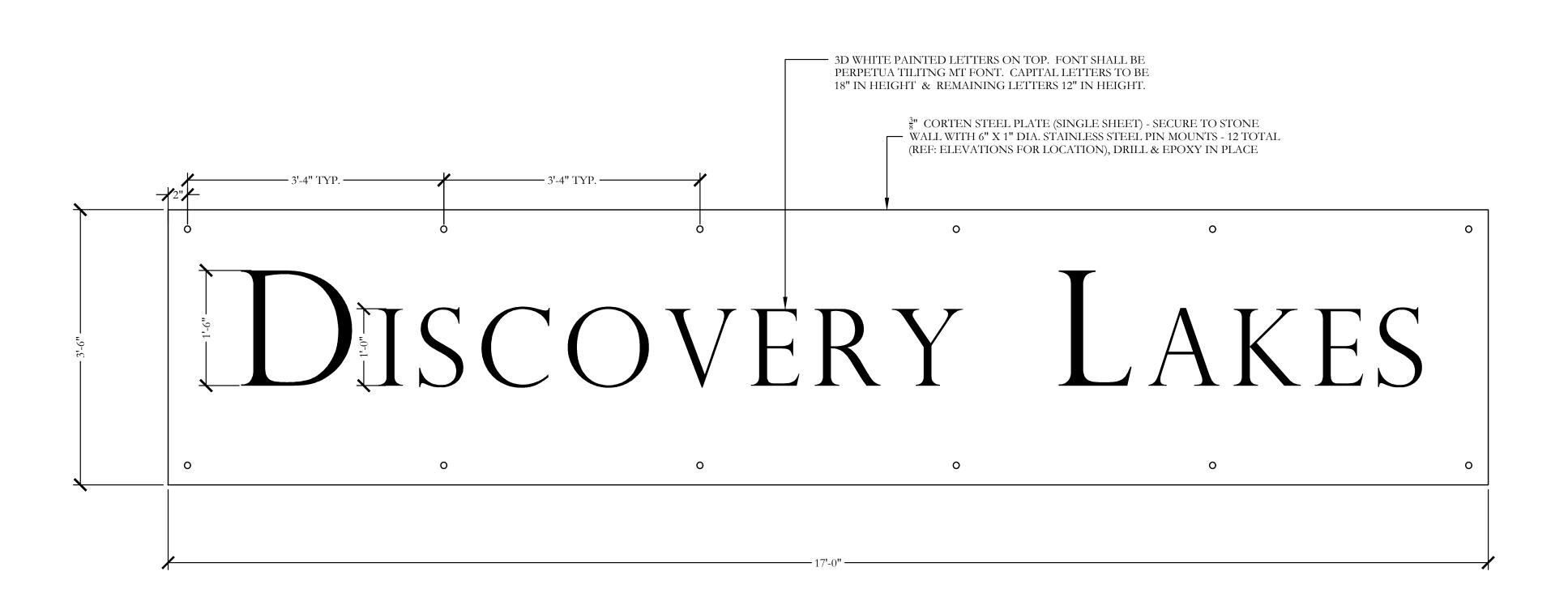




HS5 of <u>8</u>

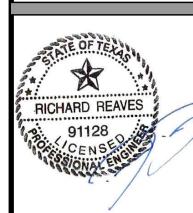






CORTEN SIGN PANEL & LETTING





December 01, 2021



REAVES CONSULTING 831 ARROWHEAD DRIVE PROSPER, TEXAS 75078 972.347.3908 F-10826

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch

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SCALE: 1"=1'-0"

SCREENING AND BUFFERING Hardscape Details

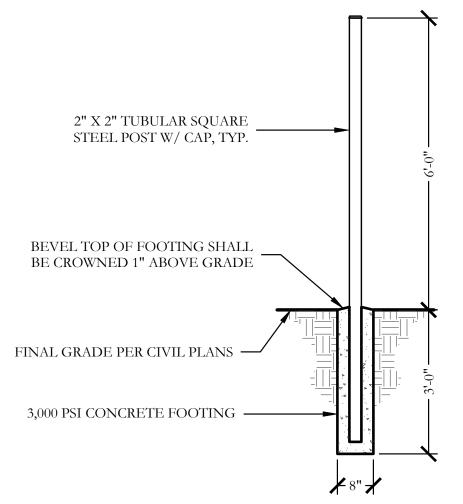
Discovery Lakes Ph.

CJS PROJECT NO. DLL001

HS7 of <u>8</u>

SHEET NO.

6'-0" HT. ORNAMENTAL METAL FENCE AND COLUMN



TYPICAL METAL POST FOOTING

SCALE: 1/2"=1'-0"

4-#5 VERTICAL @

90Deg. SPACING

AROUND SPIRAL

# 1. ALL CONCRETE SHALL BE 3000 PSI, NORMAL WEIGHT, 28 DAY STRENGTH WITH A 4 TO 6

INCH SLUMP. THE CEMENT SHALL BE TYPE 1 AND SHALL CONFORM TO ASTM C150. AGGREGATES SHALL CONFORM TO ASTM C33.

GENERAL NOTES - HARDSCAPE CONSTRUCTION

2. ALL MIXING, TRANSPORTING, PLACING, AND CURING OF CONCRETE SHALL COMPLY WITH

3. CONCRETE SHALL NOT BE PLACED IN RAINING OR FREEZING WEATHER.

4. CHLORIDES SHALL NOT BE USED.

5. MAXIMUM AGGREGATE SIZE = 1".

CONCRETE REINFORCING STEEL

1. ALL REINFORCEMENT SHALL CONFORM TO ASTM A615 60 GRADE AND DEFORMED PER ASTM A305. PROVIDE 38 BAR DIAMETER LAP SPLICES FOR ALL CONTINUOUS BARS UNLESS

2. PROVIDE THE FOLLOWING MINIMUM COVER FOR CONCRETE CAST IN PLACE

2.1. CONCRETE CAST AGAINST EARTH AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES 2.2. CONCRETE EXPOSED TO EARTH OF WEATHER:

(A) BARS LARGER THAN NO. 5: 2 INCHES (B) BARS NO. 5 AND SMALLER: 1-1/2 INCHES.

SLABS, WALLS AND JOISTS

2.3. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:

(A) BARS, LARGER THAN NO. 11: 1-1/2 INCHES (B) BARS NO. 11 AND SMALLER: 3/4 INCHES.

BEAMS AND COLUMNS: 1-1/2 INCHES SHELLS AND FOLDED PLATES

(A) BAR LARGER THAN NO. 5: 3/4 INCHES.

(B) BARS NO. 5 AND SMALLER: 1/2 INCHES. 3. ALL REINFORCING STEEL SHALL BE CLEAN AND FREE OF GREASE.

1. PIERS NOT SPECIFICALLY LOCATED ON THE PLAN SHALL BE CENTERED ON WALL OR

2. PIER REINFORCING AND CONCRETE SHALL BE PLACED IMMEDIATELY OR TO WITHIN A

MAXIMUM OF 8 HOURS AFTER DRILLING IS COMPLETE. 3. STEEL CASING IS REQUIRED WHEN MORE THAN 2 INCHES OF STANDING WATER IS PRESENT AT THE BOTTOM OF THE SHAFTS PRIOR TO PLACEMENT OF STEEL AND

4. PROVIDE 64 BAR DIAMETER LAP SPLICES IN ALL VERTICAL PIER REINFORCING AS

5. PROVIDE PIER TO GRADE BEAM DOWELS TO MATCH SIZE, QUANTITY, AND LOCATION OF LONGITUDINAL PIER REINFORCING. MIN DOWEL PROJECTION INTO PIER = 30 BAR DIA. MIN DOWEL PROJECTION INTO BEAM = TOP LONGITUDINAL GRADE BEAM REINFORCING. PROVIDE STANDARD HOOK AT TERMINAL END OF DOWEL IN GRADE BEAM.

# STRUCTURAL CONCRETE MASONRY UNIT

L. CONCRETE MASONRY UNITS SHALL BE HOLLOW LOAD-BEARING TYPE N-1 CONFORMING TO ASTM C90 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI. 2. CONCRETE MASONRY UNITS SHALL HAVE A MINIMUM PRISM STRENGTH OF 1500 PSI AT 28

3. MORTAR SHALL BE ASTM C270, TYPE S, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1800

PSI IN ACCORDANCE WITH ASTM C780. MASONRY CEMENT IS PROHIBITED.

4. COARSE GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AND A

MAXIMUM AGGREGATE SIZE OF ½" IN ACCORDANCE WITH ASTM C476.REFER TO DETAILS

FOR WALL REINFORCING BAR SIZE AND SPACING. 5. REINFORCE HORIZONTAL JOINTS WITH GALVANIZED LADDER-TYPE STEEL IN

ACCORDANCE WITH ANSI/ASTM A82. SIDE AND CROSS RODS SHALL BE 9 GA MINIMUM.

6. HORIZONTAL REINFORCEMENT SHALL BE SPACED AT 16" MAXIMUM. PROVIDE A 16" LAP

7. JOINT REINFORCING SHALL BE DISCONTINUOUS AT CONTROL AND EXPANSION JOINTS.

8. LAP VERITCAL REINFORCING BARS AT 72 BAR DIAMETERS. 9. LAP HORIZONTAL REINFORCING BARS AT 48 BAR DIAMETERS.

# 10. PLACE GROUT USING LOW-LIFT METHOD, 6'-8" MAXIMUM LIFTS.

1. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES EITHER SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY COST INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES AND STRUCTURES CAUSED BY

ORNAMENTAL METAL FENCE NOTES

2. ALL CONCRETE USED IN FOOTING AND PIERS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.

3. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED PERMITS AND CITY

4. ALL ORNAMENTAL METAL TUBES, POSTS, RAILS AND PICKETS SHALL BE FLUSH AND

FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL,

5. PROVIDE CONTINUOUS WELDS ALONG ALL EDGES OF FENCE MEMBERS. 6. GRIND SMOOTH ALL WELDS.

7. ALL METAL SURFACES SHALL BE PRIMED AND PAINTED WITH TWO COATS OF RUSTPROOF PAINT, COLOR TO BE FLAT BLACK. CONTRACTOR TO SUBMIT SAMPLES AS

8. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS BEFORE

MANUFACTURING GATES AND FENCE. GATE LOCKING MECHANISM SHALL BE SELECTED BY OWNER.

9. ALL ORNAMENTAL METAL FENCE MEMBERS ARE TO BE TUBULAR MEMBERS IN ACCORDANCE WITH ASTM 513 HOT ROLLED STRUCTURAL STEEL 50,000 PSI TENSILE

STRENGTH, 60,000 PSI YIELD STRENGTH.

HIS FORCES.

10. FENCE MEMBER SIZES TO BE AS FOLLOWS: 10.1. PICKETS, 3/4" SQUARE 16 GA.

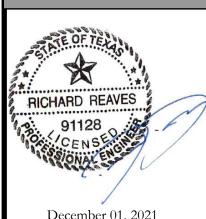
10.2. RAILS, 1-1/2" X 1/2" SQUARE 16 GA. 10.3. POSTS, 2" SQUARE 11 GA.

11. CONCRETE FOOTING FOR POSTS SHALL BE A MINIMUM OF 3X POST WIDTH. 12. POSTS SHALL BE PLACED AT A MINIMUM DISTANCE OF 6'-0" O.C AND A MAXIMUM

DISTANCE OF 8'-0" O.C.

13. FENCE SHALL MEET LOCAL CODES AND REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE INCLUDING NECESSARY UPSIZING OF POSTS, PICKETS AND HORIZONTAL BARS AND INCREASING THE HEIGHT OF THE FENCE AS IT APPEARS IN THIS DETAIL AT NO ADDITIONAL COST TO THE OWNER FOR MATERIALS





December 01, 2021



831 ARROWHEAD DRIVE PROSPER, TEXAS 75078

F-10826

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch

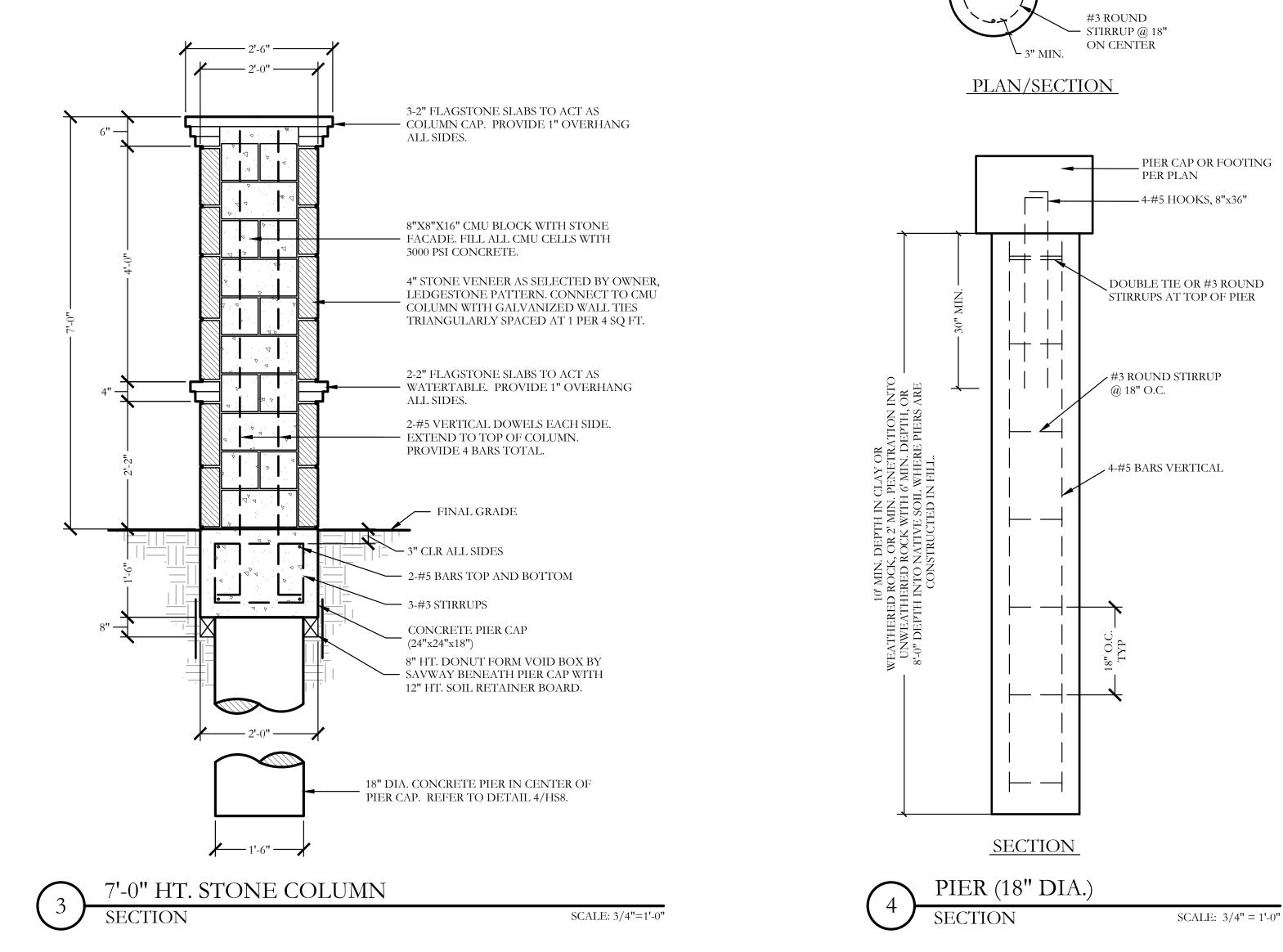
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Hardscape

CJS PROJECT NO.

SHEET NO.

HS8 of 8



# PROJECT COMMENTS



CASE MANAGER:

DATE: 1/27/2023

PROJECT NUMBER: SP2023-002

PROJECT NAME: PD Site Plan for Discovery Lakes Phase 1

SITE ADDRESS/LOCATIONS:

CASE MANAGER PHONE: (972) 772-6488
CASE MANAGER EMAIL: bross@rockwall.com

**Bethany Ross** 

CASE CAPTION: Discuss and consider a request by Cameron Slown of Teague, Nall & Perkins, Inc. on behalf of Nick DiGiuseppe of Discovery

Lakes, LLC/Discovery Lakes Phase I, LLC for the approval of a Site Plan for Phase 1 of the Discovery Lakes Subdivision consisting of 31 single-family residential lots on a 36.42-acre tract of land identified as a portion of Tract 1 of the M. E. Hawkins Survey, Abstract No. 100, City of Rockwall, Rockwall County, Texas, zoned Planned Development District 78 (PD-78) for Single-Family 10 (SF-10)

District, generally located on the north side of SH-276 east of the intersection of SH-276 and Rochelle Road.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT	
PLANNING	Henry Lee	01/27/2023	Needs Review	

01/27/2023: Please address the following comments (M= Mandatory Comments; I = Informational Comments)

- I.1 This is a request for the approval of a Site Plan Phase 1 of the Discovery Lakes Subdivision consisting of 31 single-family residential lots on a 36.42-acre tract of land identified as a portion of Tract 1 of the M. E. Hawkins Survey, Abstract No. 100, City of Rockwall, Rockwall County, Texas, zoned Planned Development District 78 (PD-78) for Single-Family 10 (SF-10) District, generally located on the north side of SH-276 east of the intersection of SH-276 and Rochelle Road.
- 1.2 For guestions or comments concerning this case please contact Henry Lee in the Planning Department at (972) 772-6434 or email hlee@rockwall.com.
- M.3 For reference, include the case number (SP2023-002) in the lower right-hand corner of all pages of all revised plan submittals. (Subsection 01.02(D), Article 11, UDC).
- 1.4 This project is subject to all requirements stipulated by the Unified Development Code (UDC) and Planned Development District 78 (PD-78).
- M.5 Provide the standard signature block with signature space for the Planning and Zoning Chairman and the Planning Director on all pages of the plans. Also remove the red placeholder text from the signature block. (Subsection 03.04. A, of Article 11)

APPROVED:

I hereby certify that the above and foregoing site pla	n for a development in the City of Rockwal	I, Texas, was approved by the Planning	& Zoning Commission of the City of Rockwa
on the day of,,			
WITNESS OUR HANDS, this day of	,		
· ,	<del></del> -		
Planning & Zoning Commission, Chairman	Director of Planning and Zoning		

## M.6 Site Plan:

- (1) The site plan should match the lot layout of the final plat.
- (2) Please remove the callouts for the other sheets.

## M.7 Landscape Plan:

- (1) The Vitex is not permitted within landscape buffers; consider the Desert Willow as a viable alternative. (Section 03, Tree Planting Guidelines and Requirements, of Appendix C, Landscaping Guidelines and Requirements, of the UDC)
- (2) Shrubs must be a minimum of 5-gallon. (Subsection 06.02, E., Landscape Standards, of Article 05, District Development Standards, of the UDC)
- (3) Show the berm within the landscape buffer. The berm must be generally continuous along the frontage and undulate. (Subsection 06.02, E., Landscape Standards, of Article
- 05, District Development Standards, of the UDC)
- (4) Each lot must have two (2) lot trees in the front yards, and corner lots must have four (4). (Planned Development District 78 [PD-78]).

## M.8 Hardscape Plan:

- (1) Provide an exhibit of a typical wood fence.
- (2) Please provide an exhibit that depicts what type of fence each lot shall have in the front, rear, and side yard. This can be done by taking the site plan and color coding the lot lines to depict the fencing types for each lot. This is done to show conformance with the fencing standards established within the Planned Development District ordinance.
- I.9 Please note that failure to address all comments provided by staff by 3:00 PM on February 7, 2023 will result in the automatic denial of the case on the grounds of an incomplete submittal. No refund will be given for cases that are denied due to an incomplete submittal, and a new application and fee will be required to resubmit the case.
- I.10 Staff has identified the aforementioned items necessary to continue the submittal process. Please make these revisions and corrections, and provide any additional information that is requested. Revisions for this case will be due on February 7, 2023; however, it is encouraged for applicants to submit revisions as soon as possible to give staff ample time to review the case prior to the February 14, 2023 Planning & Zoning Meeting.
- I.11 Please note the scheduled meetings for this case:
- 1) Planning & Zoning Work Session meeting will be held on January 31, 2023.
- 2) Planning & Zoning meeting/public hearing meeting will be held on February 14, 2023.
- I.12 All meetings will be held in person and in the City's Council Chambers. All meetings listed above are scheduled to begin at 6:00 p.m. (P&Z). The City prefers that a representative(s) be present for these meetings. During the upcoming work session meeting with the Planning and Zoning Commission, representative(s) are expected to present their case and answer any questions the Planning Commission may have regarding this request.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT	
ENGINEERING	Sarah Johnston	01/26/2023	Needs Review	

01/26/2023: - Extend installation of 5' sidewalk with this plan.

- Fence shall straddle the water line. No posts within 4' of water line.
- No trees within 5' of water line.
- Show water and sewer services on plan to make sure the trees are 10' from lines.
- Show Traffic signage (see engineering plans).
- Edging needs to be shown taller than the mulch to prevent mulch from "floating" out of the landscape beds.
- No structures or signs within easements.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT	
BUILDING	Craig Foshee	01/25/2023	Approved	
No Comments				
DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT	
FIRE	Henry Lee	01/27/2023	N/A	
No Comments				
DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT	

GIS	Lance Singleton	01/25/2023	Approved	
No Comments				
DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT	
POLICE	Henry Lee	01/27/2023	N/A	
No Comments				
DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT	
PARKS	Travis Sales	01/25/2023	Approved	

01/23/2023: Park District 30

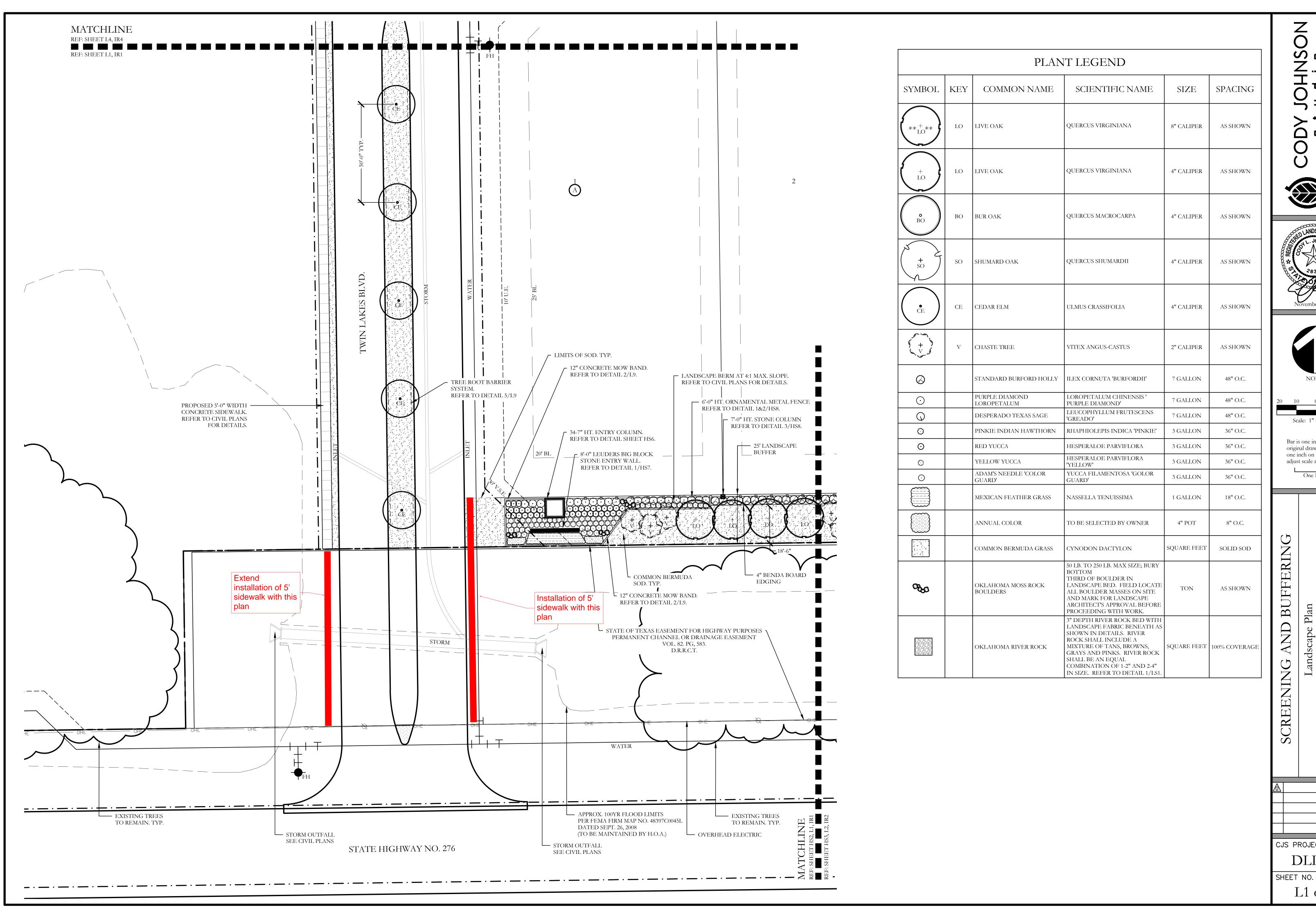
Cash In Lieu of Land: \$383.00 x 31 lots = \$11,873.00

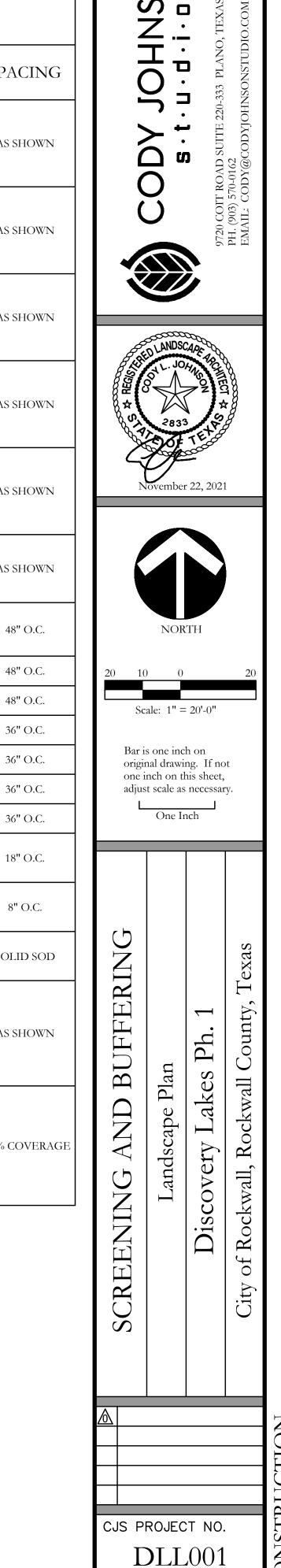
Pro Rata Equipment Fee: \$363.00 x 31 lots = \$11,253.00

Total per lot x lots =  $746.00 \times 31 = 23,126$ 

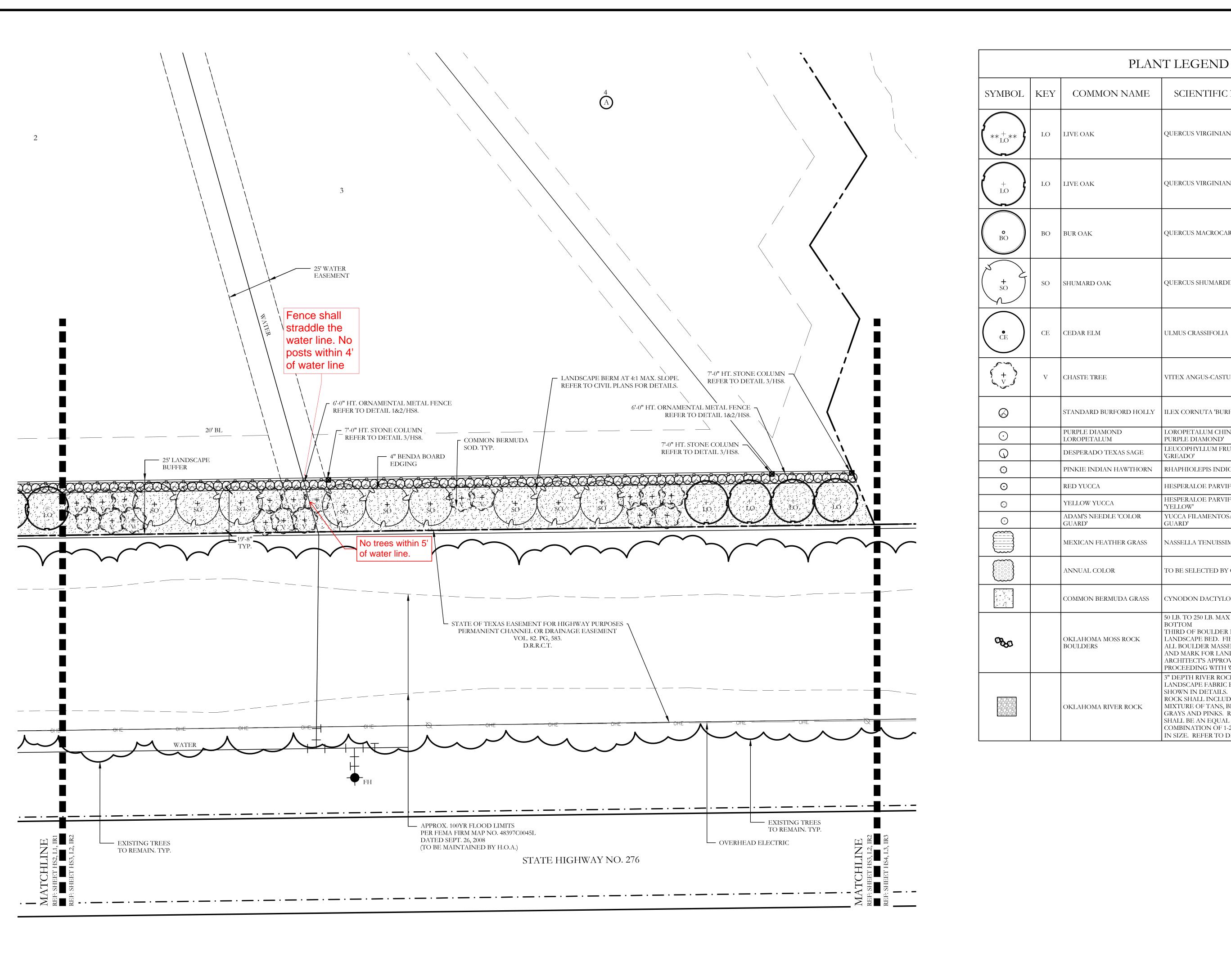
- 11 acre park being provided with development, so we will only be collecting the pro-rata equipment fees.
- The Park and Recreation department has accepted the landscape plans with comments that there are better species of Bermuda (Cynodon dactylon) turfgrass such as Tif Tuf and Tahoma 31 that are more drought, cold and wear tolerant. Also, 8" caliper Live Oaks can be very difficult to get acclimated and successfully survive transplant.
- Please provide a tree mitigation plan for review

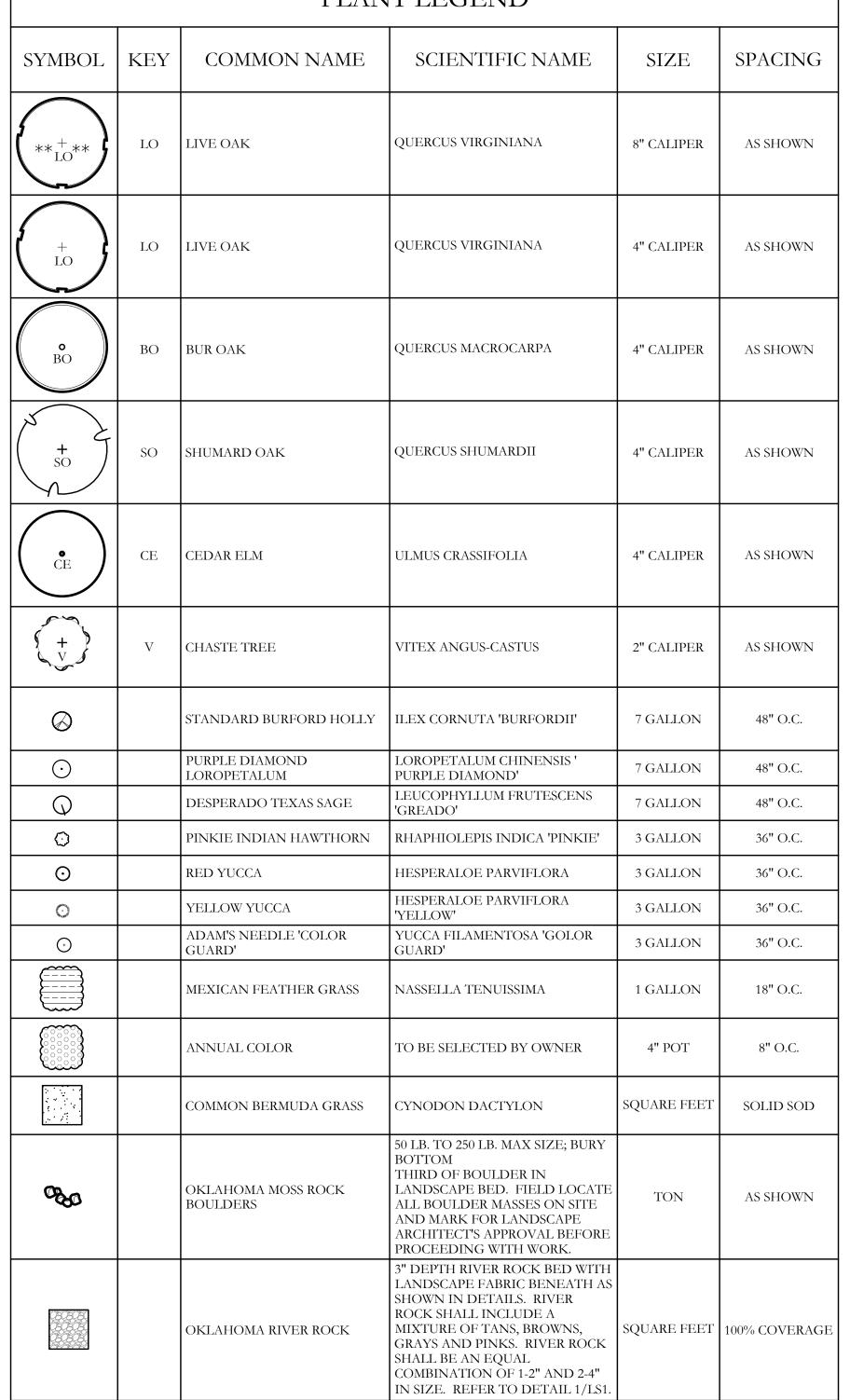
01/25/2023: 1. please provide plans for the future phase that shows park location

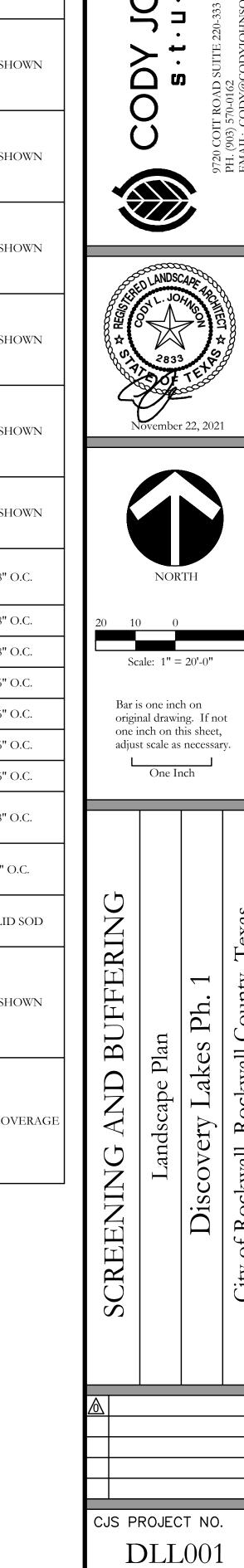




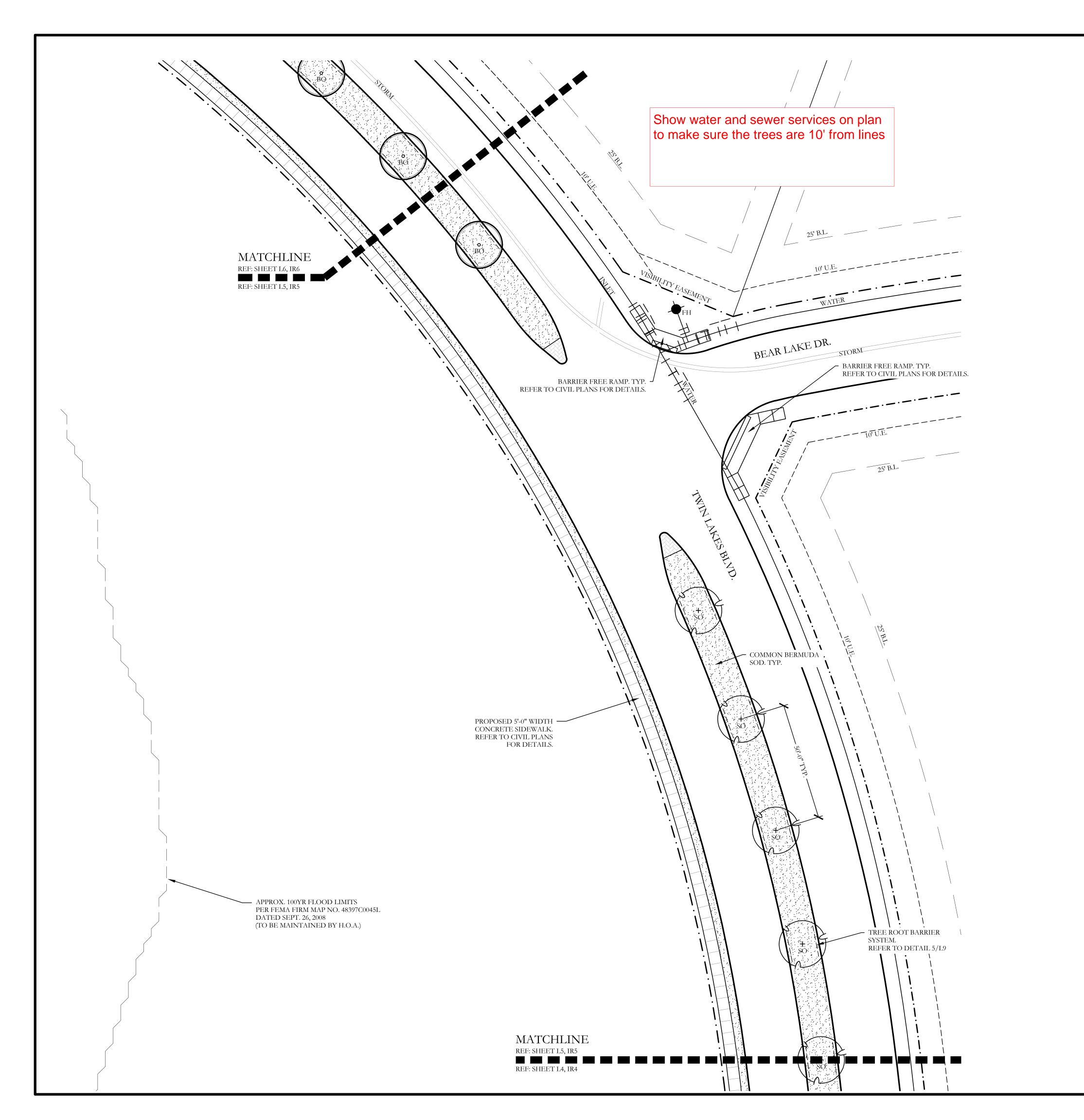
L1 of 9



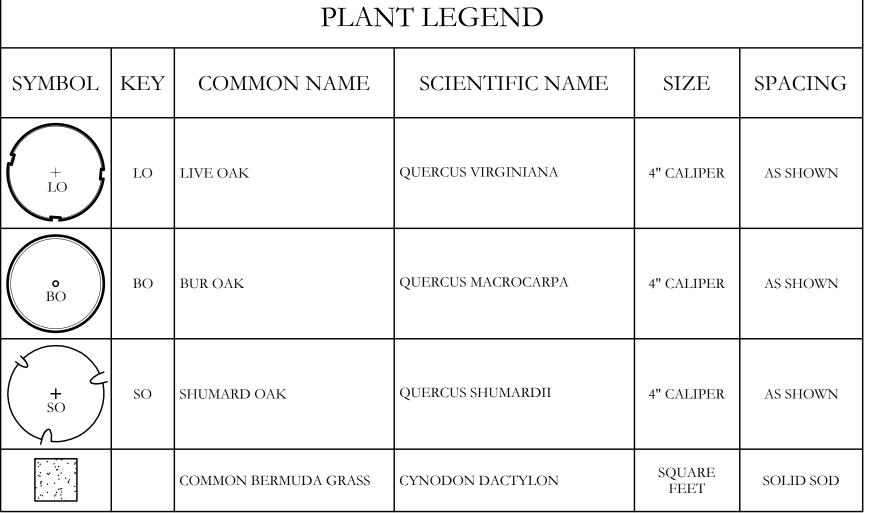




SHEET NO.

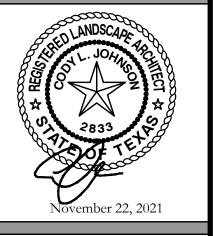


PLANT LEGEND						
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	
+ LO	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN	
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN	
**SO	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN	
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD	





JOHNSON



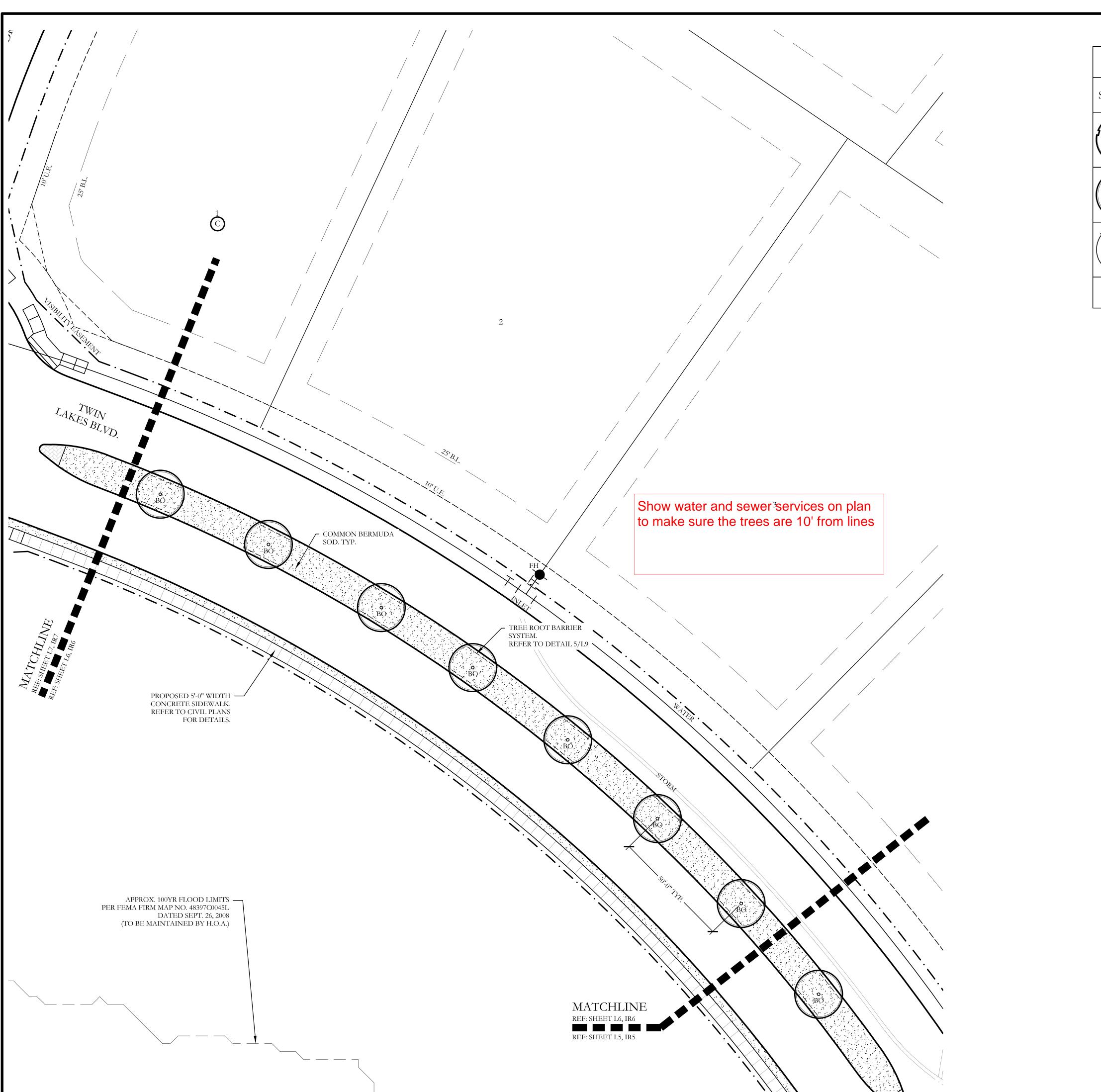


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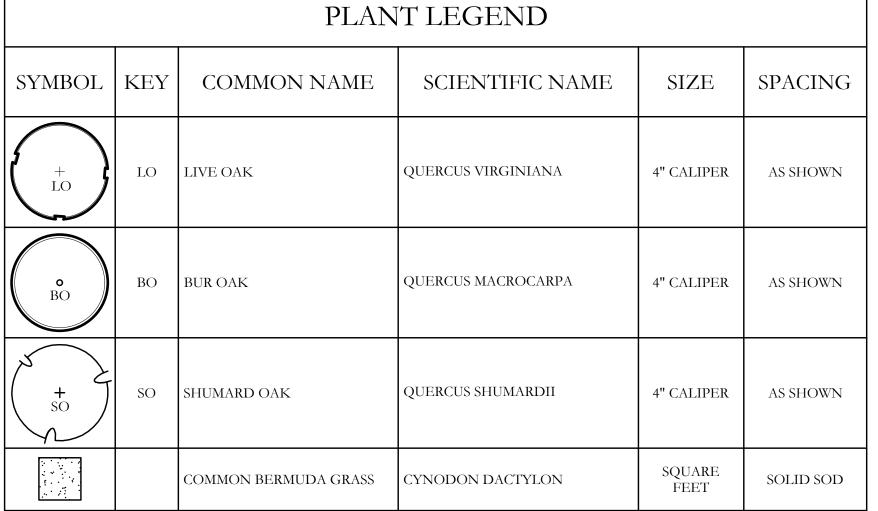
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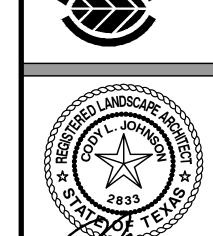
Lakes Ph.

CJS PROJECT NO. DLL001 SHEET NO. L5 of <u>9</u>



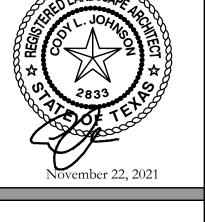
PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
+ LO	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN
+ SO	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
10 V		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD

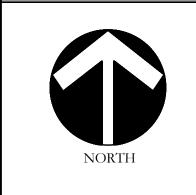


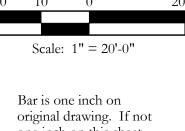


JOHNSON

CODY







Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

 $\overline{\phantom{a}}$ Lakes Ph.

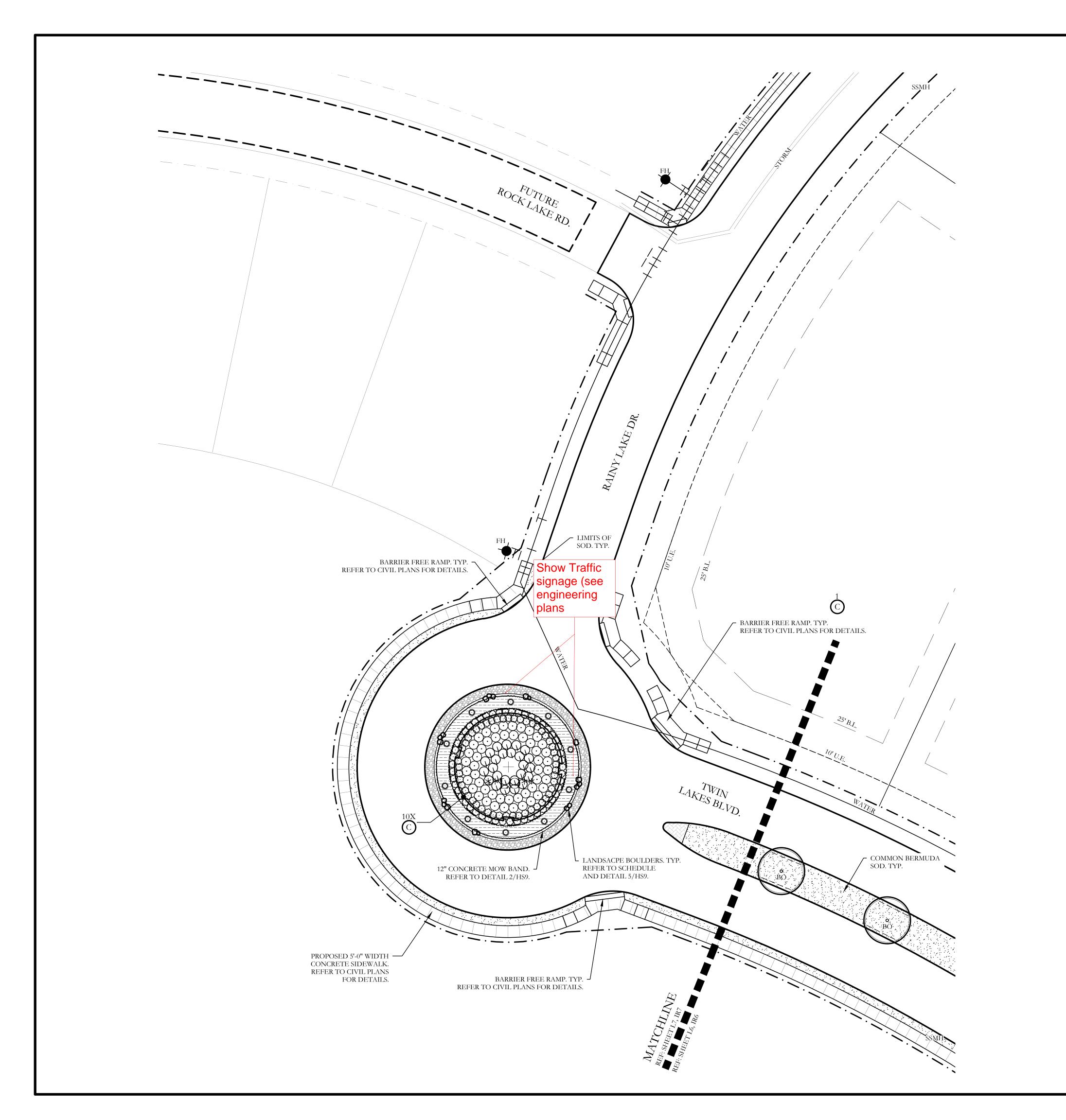
Landscape Plan

Discovery

CJS PROJECT NO.

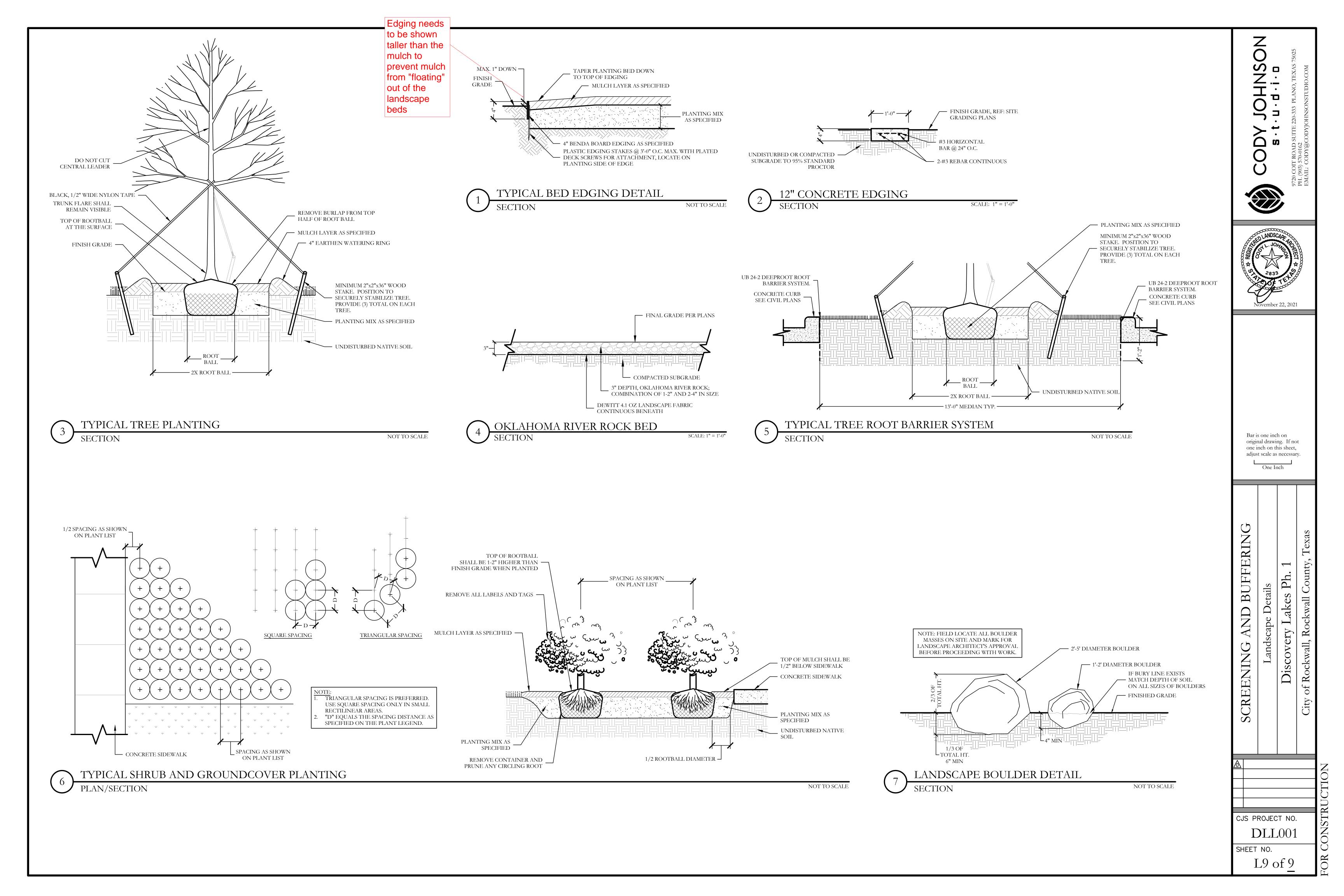
DLL001

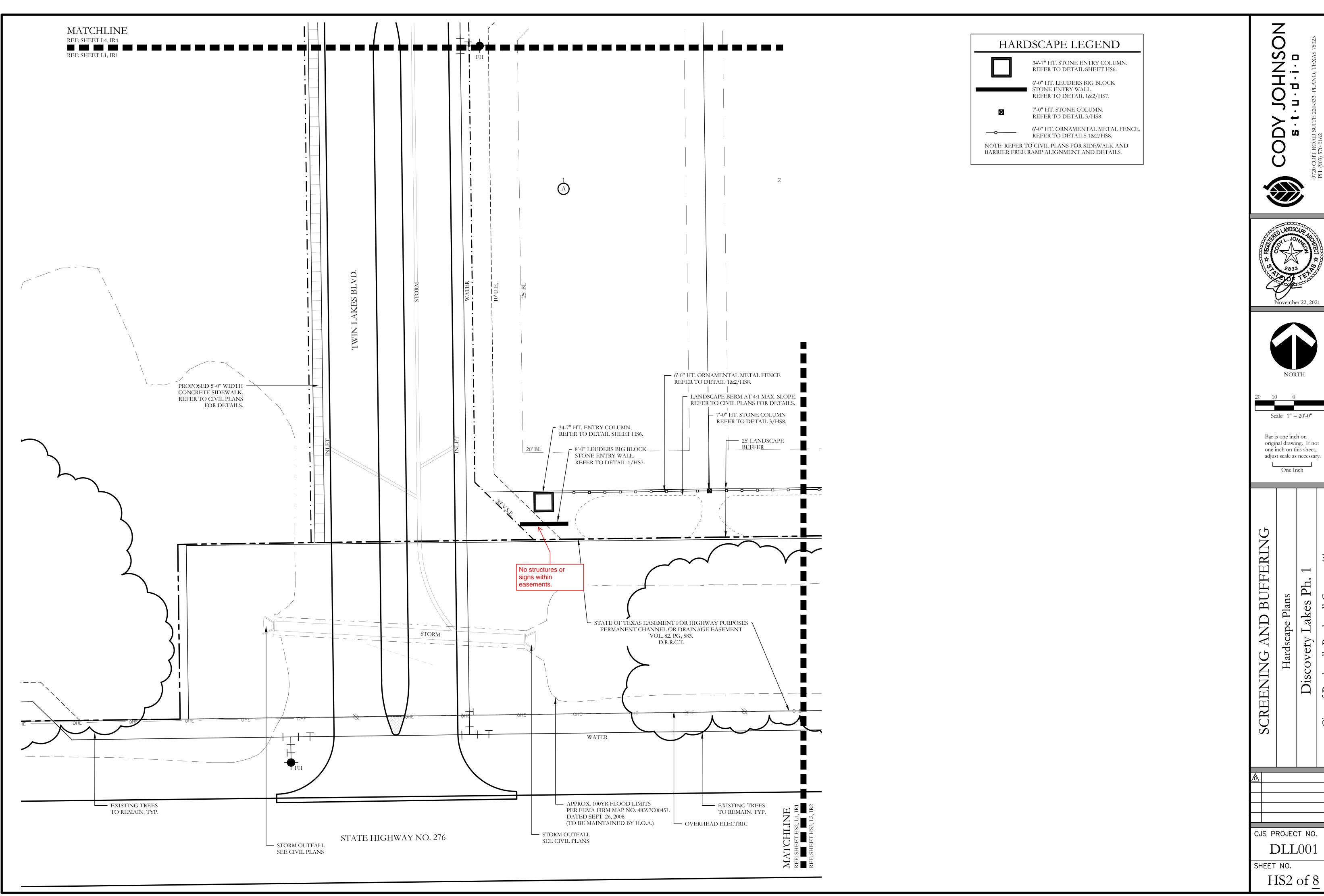
SHEET NO. L6 of <u>9</u>



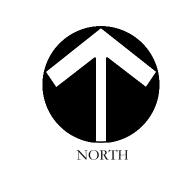
PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
** <sup>+</sup> **	LO	LIVE OAK	QUERCUS VIRGINIANA	8" CALIPER	AS SHOWN
+ LO	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN
**SO ***SO *	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
CE CE	CE	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN
(+ V	V	CHASTE TREE	VITEX ANGUS-CASTUS	2" CALIPER	AS SHOWN
$\otimes$		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.
$\odot$		PURPLE DIAMOND LOROPETALUM	LOROPETALUM CHINENSIS ' PURPLE DIAMOND'	7 GALLON	48" O.C.
Q		DESPERADO TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS 'GREADO'	7 GALLON	48" O.C.
0		PINKIE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'PINKIE'	3 GALLON	36" O.C.
<u></u>		RED YUCCA	HESPERALOE PARVIFLORA	3 GALLON	36" O.C.
· ·		YELLOW YUCCA	HESPERALOE PARVIFLORA 'YELLOW'	3 GALLON	36" O.C.
$\odot$		ADAM'S NEEDLE 'COLOR GUARD'	YUCCA FILAMENTOSA 'GOLOR GUARD'	3 GALLON	36" O.C.
		MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	18" O.C.
		ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD
OBO .		OKLAHOMA MOSS ROCK BOULDERS	50 LB. TO 250 LB. MAX SIZE; BURY BOTTOM THIRD OF BOULDER IN LANDSCAPE BED. FIELD LOCATE ALL BOULDER MASSES ON SITE AND MARK FOR LANDSCAPE ARCHITECT'S APPROVAL BEFORE PROCEEDING WITH WORK.	TON	AS SHOWN
		OKLAHOMA RIVER ROCK	3" DEPTH RIVER ROCK BED WITH LANDSCAPE FABRIC BENEATH AS SHOWN IN DETAILS. RIVER ROCK SHALL INCLUDE A MIXTURE OF TANS, BROWNS, GRAYS AND PINKS. RIVER ROCK SHALL BE AN EQUAL COMBINATION OF 1-2" AND 2-4" IN SIZE. REFER TO DETAIL 1/LS1.	SQUARE FEET	100% COVERAGE

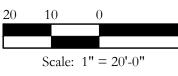
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AS SHOWN		<u></u>	Novembe	er 22, 2021
AS SHOWN				
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8" O.C.				
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AS SHOWN		BUFFEF	lan	es Ph. 1
0% COVERAGE		SCREENING AND BUF	Landscape Plan	Discovery Lakes Pk
		SCREENI		Dis
		$\triangle$		
				CT NO.
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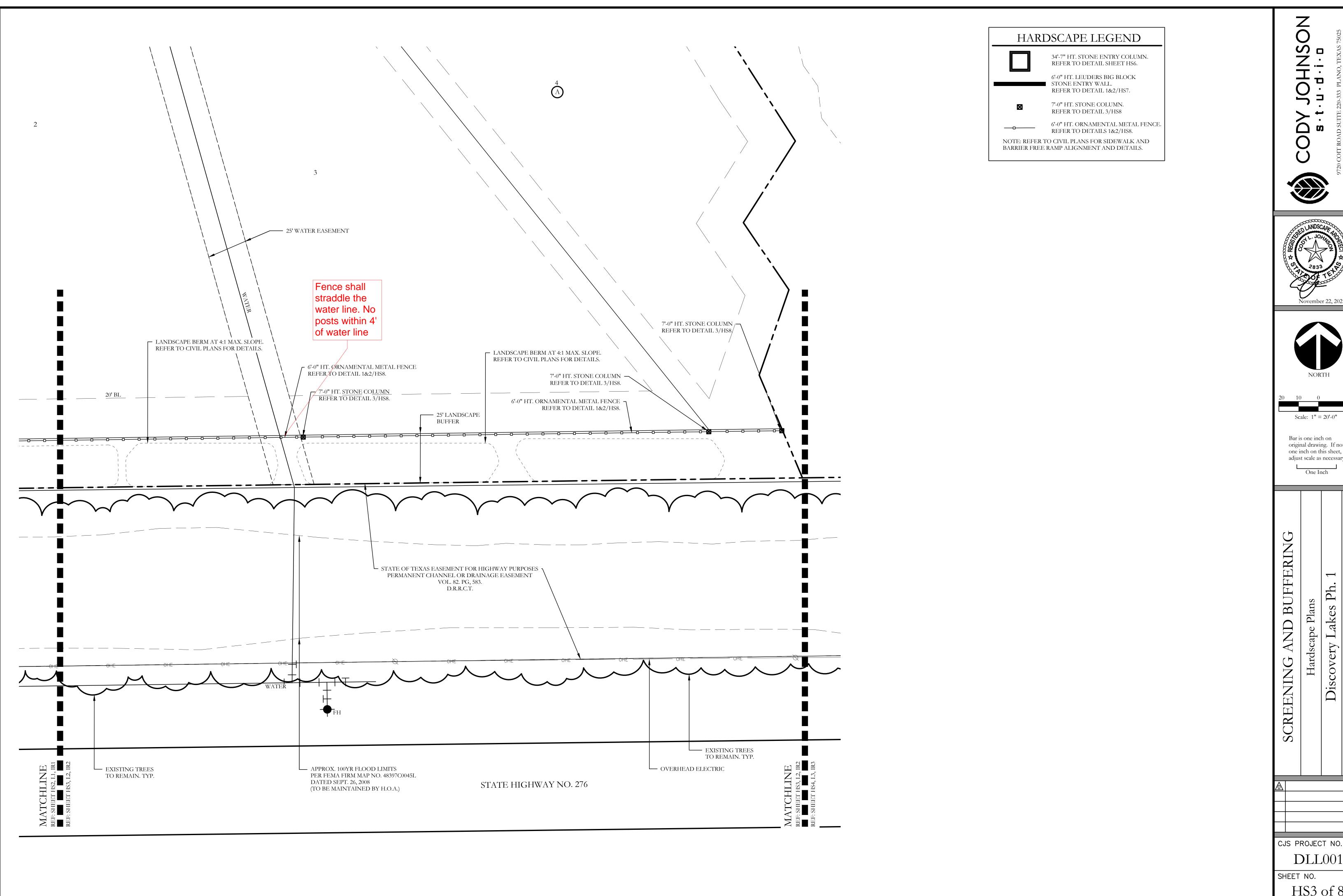


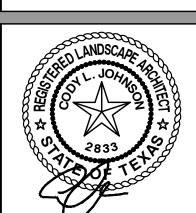


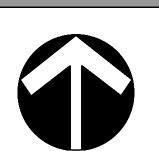
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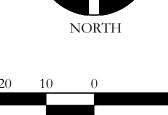
Ph.

**DLL**001









Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

**DLL**001

HS3 of 8



Platting Application Fees:

[ ] Master Plat (\$100.00 + \$15.00 Acre) 1

[ ] Final Plat (\$300.00 + \$20.00 Acre) 1

[ ] Replat (\$300.00 + \$20.00 Acre) 1

[ ] Amending or Minor Plat (\$150.00)

Notary Public in and for the State of Texas

[ ] Preliminary Plat (\$200.00 + \$15.00 Acre) 1(200+36.42\*15=\$746.30)

# **DEVELOPMENT APPLICATION**

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

PLANNING & ZONING CASE NO.	SP2023-002
	CONSIDERED ACCEPTED BY THE COTOR AND CITY ENGINEER HAVE
DIRECTOR OF PLANNING:	
CITY ENGINEER:	

**Zoning Application Fees:** 

Other Application Fees:

[ ] Zoning Change (\$200.00 + \$15.00 Acre) 1

[ ] Specific Use Permit (\$200.00 + \$15.00 Acre) 1

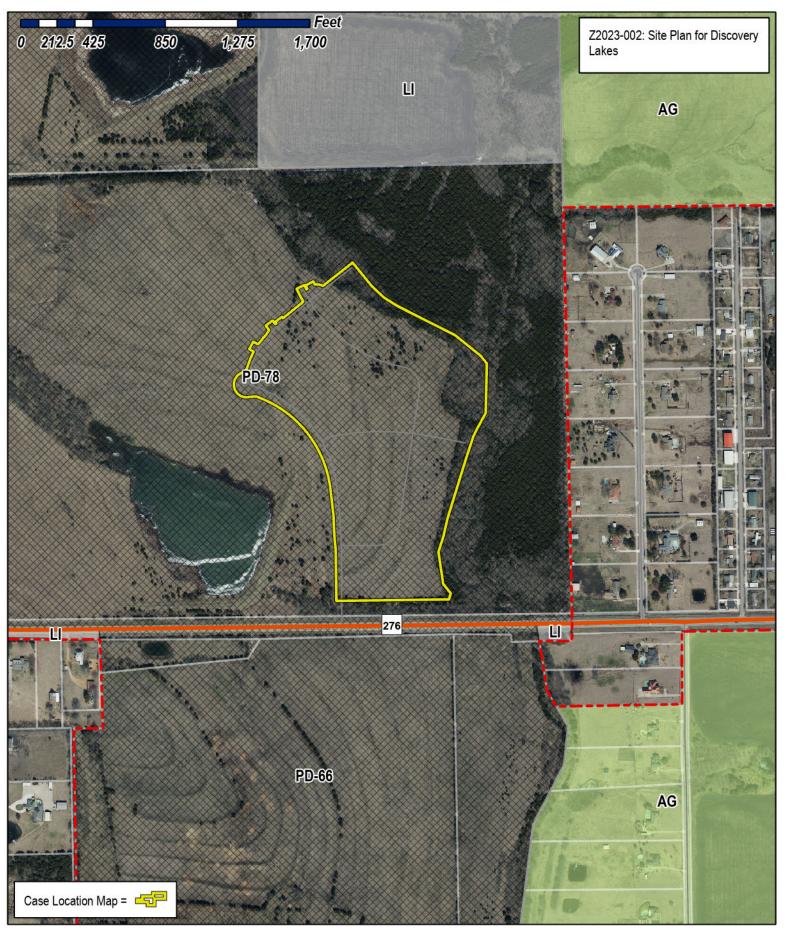
[ ] PD Development Plans (\$200.00 + \$15.00 Acre) 1

My Commission Expires

Please check the appropriate box below to indicate the type of development request [SELECT ONLY ONE BOX]:

[ ] Plat Reinstaten  Site Plan Application  [✓ Site Plan (\$250)	nent Request (\$100.00)  on Fees: .00 + \$20.00 Acre) 1 250+20*33.921=\$928.42  Plan/Elevations/Landscaping Plan (\$100.00)	[ ] Tree Removal (\$75.00) [ ] Variance Request (\$100.00)  Notes:  1: 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.			
PROPERTY INFO	RMATION [PLEASE PRINT]				
Address	none				
Subdivision	Discovery Lakes, Phase 1		Lot	Block	
General Location	36.42 Acres out of the 307 Acre Tract	near the NE corner of	of SH 276 and Roch	elle Road	
ZONING, SITE PL	AN AND PLATTING INFORMATION [PL	LEASE PRINT]			
Current Zoning	PD-78	Current Use	None		
Proposed Zoning	PD-78	Proposed Use	Single Family	Residential	
Acreage	33.921 Lots [Curren	nt] 1	Lots [Propos	sed]	32
process, and failur  OWNER/APPLICA	PLATS: By checking this box you acknowledge that due to address any of staff's comments by the date provide ANT/AGENT INFORMATION [PLEASE PRING SCOVERY Lakes, LLC./Discovery Lakes Ph	ed on the Development Calen  IT/CHECK THE PRIMARY CON	dar will result in the denia	l of your case. JRES ARE REQUI	
Contact Person	Nick DiGiuseppe	Contact Person	Cameron Slown		
Address	15400 Knoll Trail Drive Suite 230	Address	825 Watters Cre Suite M300	ek Blvd.	
City, State & Zip	Dallas, Texas 75248	City, State & Zip	Allen, Texas 750	13	
Phone	972-960-9941	Phone	817-889-5050		
E-Mail	southbrookinvestments@outlook.com	E-Mail	cslown@tnpinc.d	com	
"I hereby certify that I am cover the cost of this appl that the City of Rockwall	ed authority, on this day personally appeared \( \sum \)   \( \text{L} \)	nation submitted herein is true  15 day of Januar  ormation contained within the	e and correct; and the app yy , 20 <u>23</u> . is application to the publi	lication fee of \$_ By signing this a c. The City is als	\$928.42 , to
permitted to reproduce a information."  Given under my hand and	ny copyrighted information submitted in conjunction wit I seal of office on this the <u>loth</u> day of <u>Janua</u>		production is associated or	ALYSON D	DIBLASI )
,	Owner's Signature	Mile		Notary Public, St Comm, Expires Notary ID 13	03-21-2024

alyson kuklasi

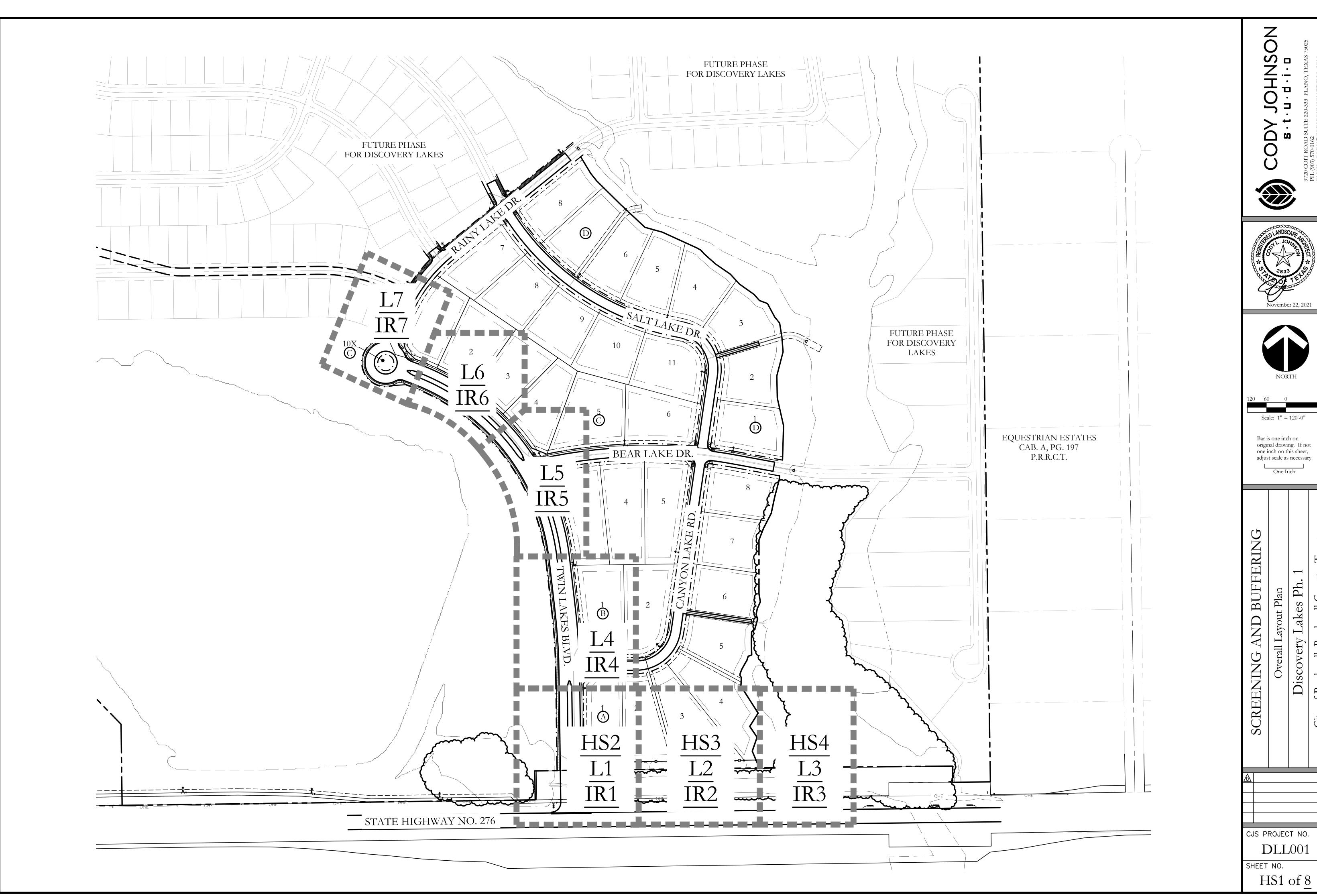




# City of Rockwall

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



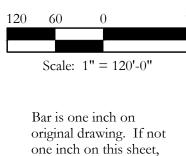










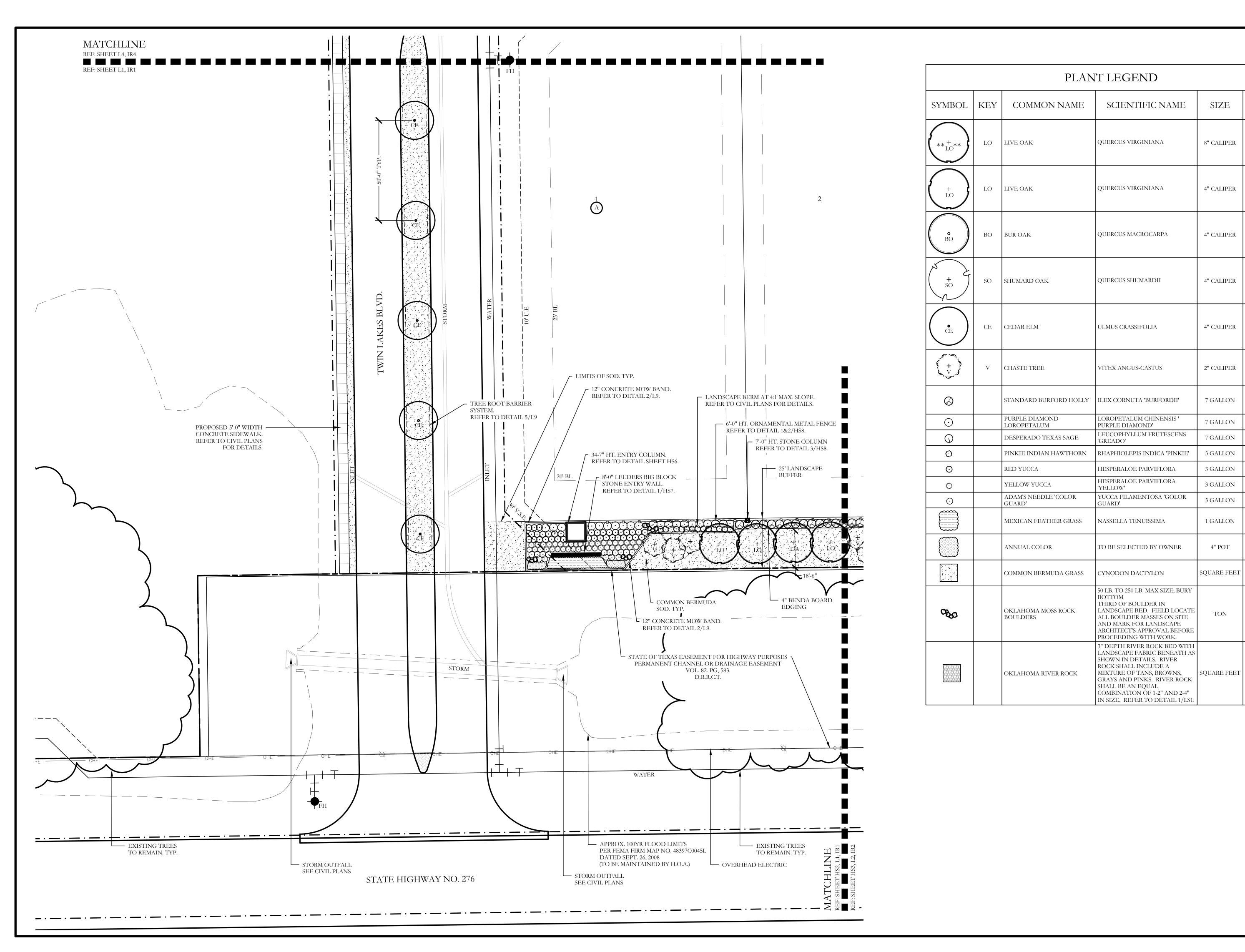


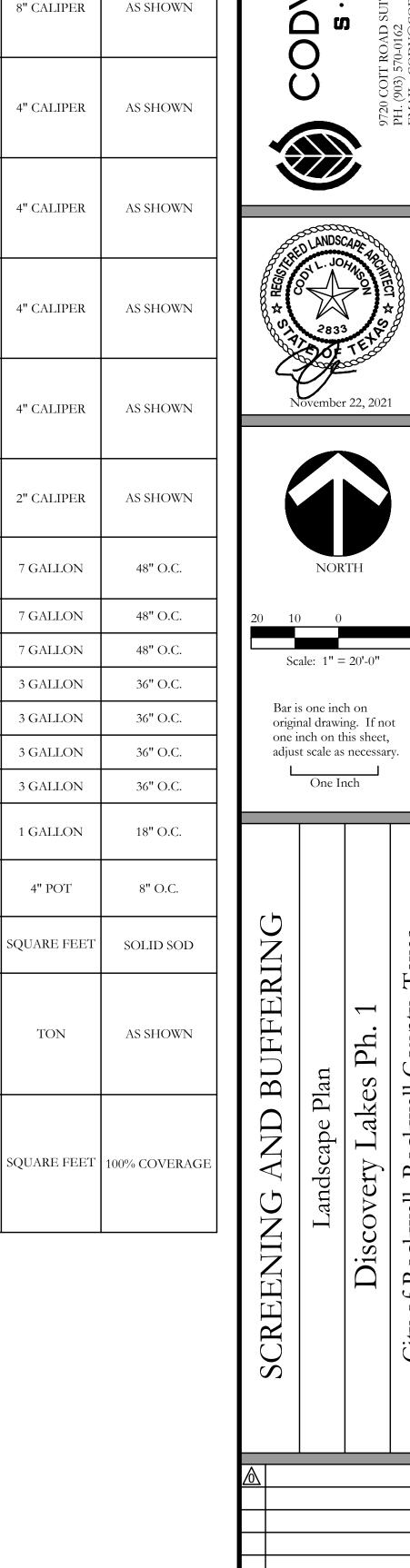
Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

Discovery Lakes Ph.

CJS PROJECT NO.

DLL001





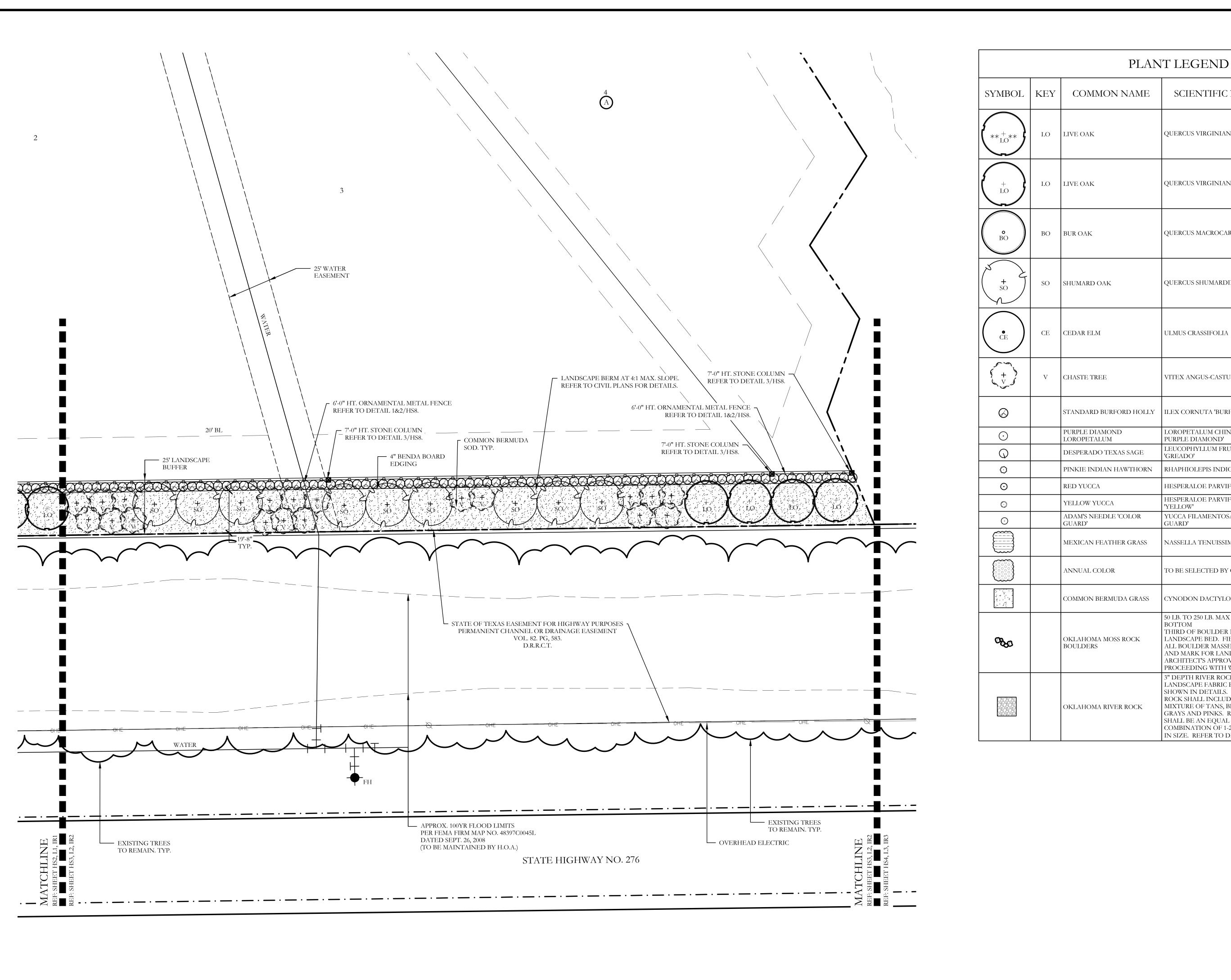
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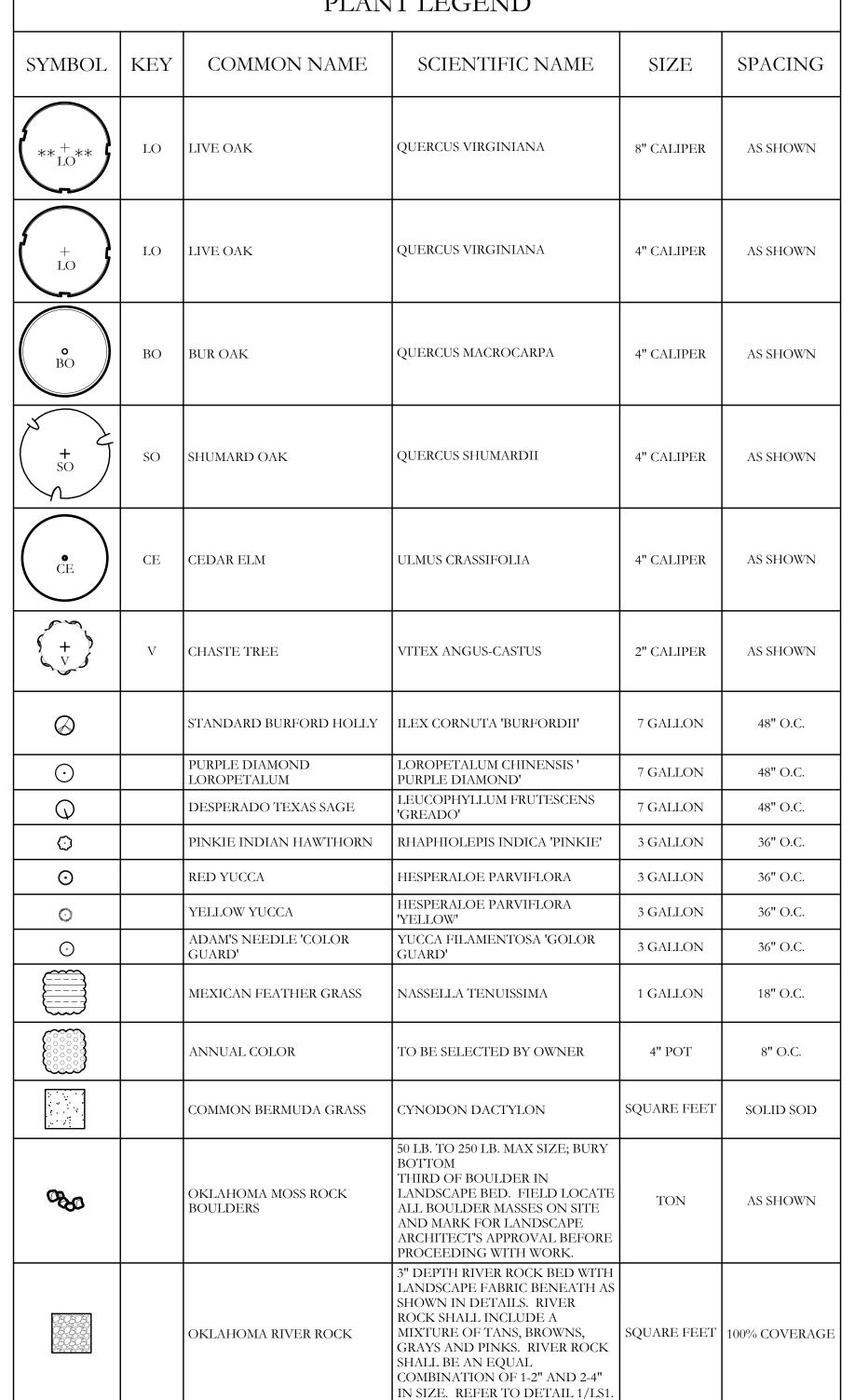
SHEET NO.

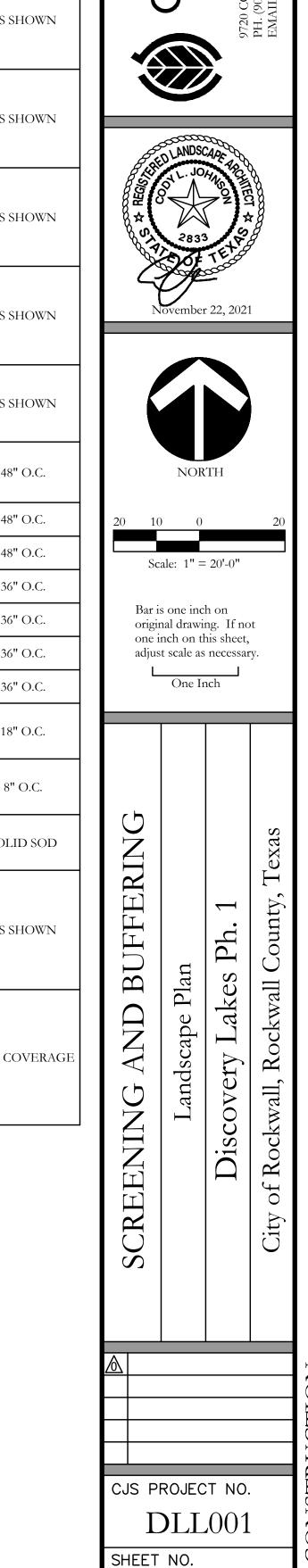
DLL003

L1 of 9

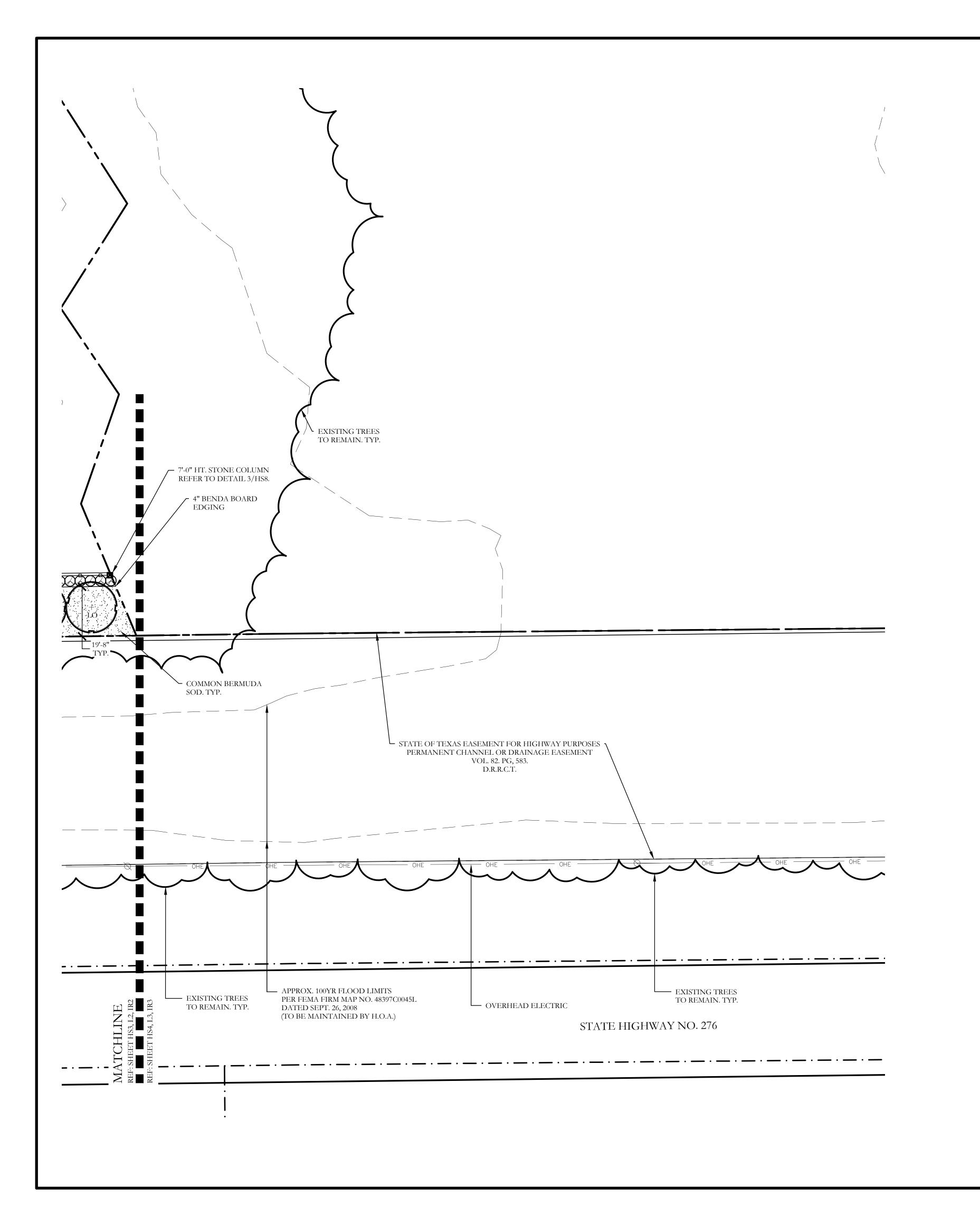
SPACING







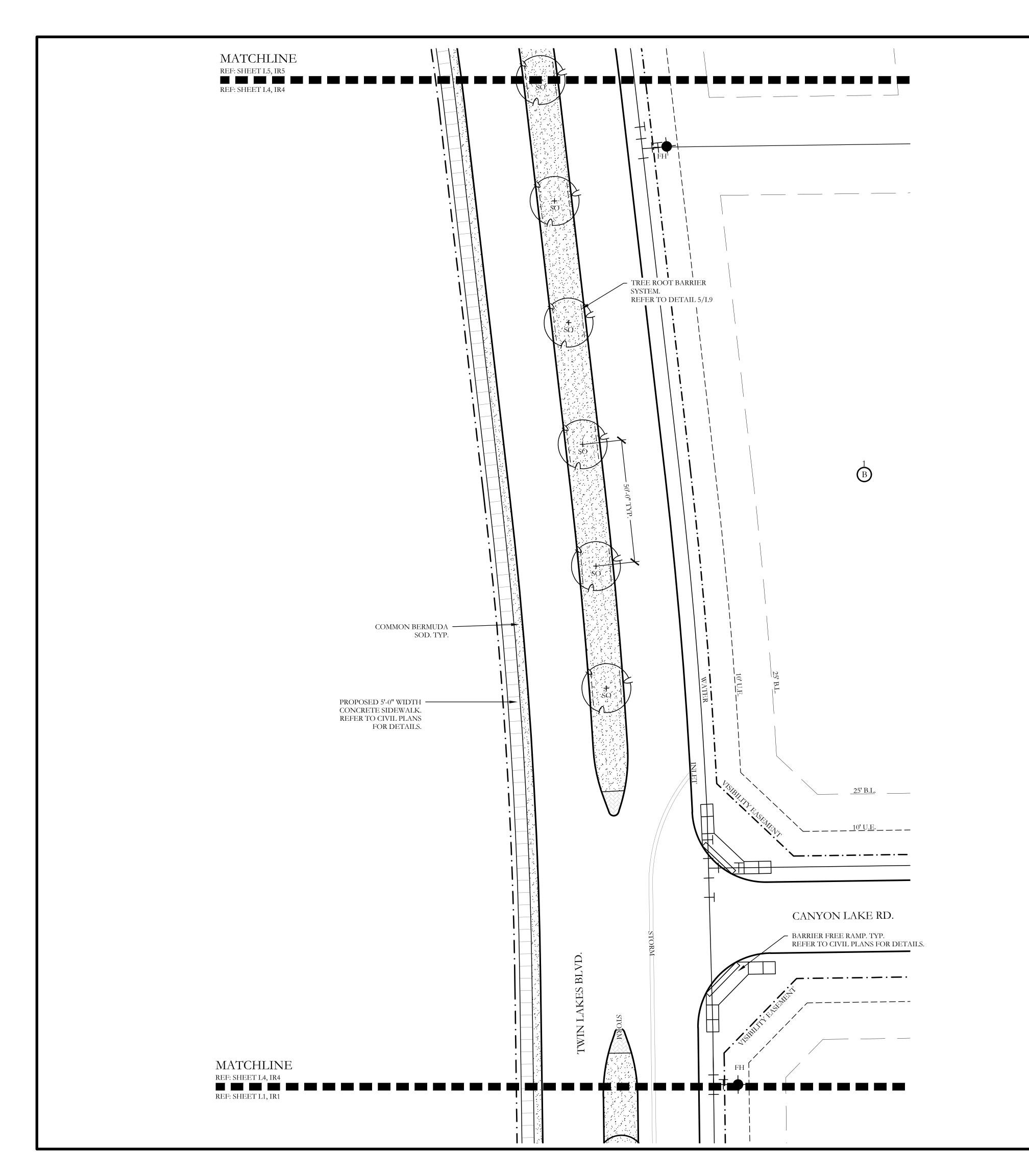




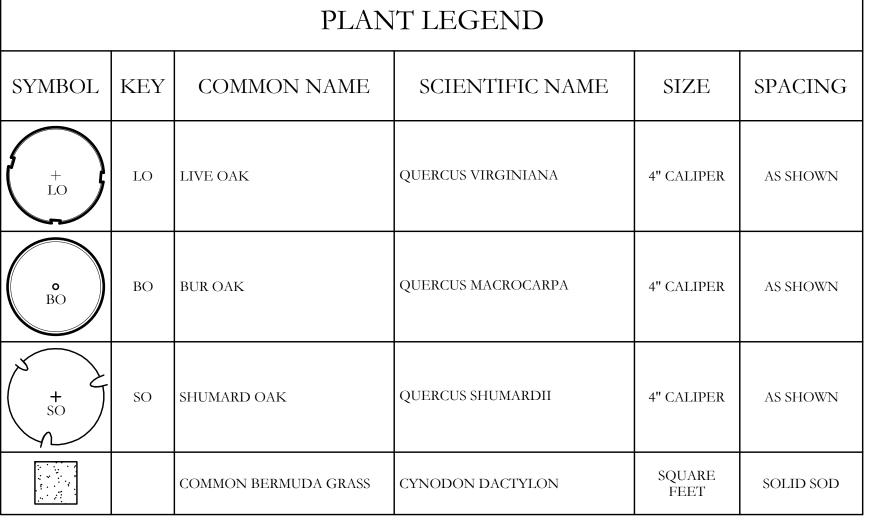
PLANT LEGEND						
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	
******	LO	LIVE OAK	QUERCUS VIRGINIANA	8" CALIPER	AS SHOWN	
+ LO	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN	
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN	
× + so	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN	
ČE CE	CE	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN	
(+ V	V	CHASTE TREE	VITEX ANGUS-CASTUS	2" CALIPER	AS SHOWN	
$\otimes$		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.	
$\odot$		PURPLE DIAMOND LOROPETALUM	LOROPETALUM CHINENSIS ' PURPLE DIAMOND'	7 GALLON	48" O.C.	
<b>Q</b>		DESPERADO TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS 'GREADO'	7 GALLON	48" O.C.	
0		PINKIE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'PINKIE'	3 GALLON	36" O.C.	
0		RED YUCCA	HESPERALOE PARVIFLORA	3 GALLON	36" O.C.	
·		YELLOW YUCCA	HESPERALOE PARVIFLORA 'YELLOW'	3 GALLON	36" O.C.	
$\odot$		ADAM'S NEEDLE 'COLOR GUARD'	YUCCA FILAMENTOSA 'GOLOR GUARD'	3 GALLON	36" O.C.	
		MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	18" O.C.	
		ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.	
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD	
080		OKLAHOMA MOSS ROCK BOULDERS	50 LB. TO 250 LB. MAX SIZE; BURY BOTTOM THIRD OF BOULDER IN LANDSCAPE BED. FIELD LOCATE ALL BOULDER MASSES ON SITE AND MARK FOR LANDSCAPE ARCHITECT'S APPROVAL BEFORE PROCEEDING WITH WORK.	TON	AS SHOWN	
		OKLAHOMA RIVER ROCK	3" DEPTH RIVER ROCK BED WITH LANDSCAPE FABRIC BENEATH AS SHOWN IN DETAILS. RIVER ROCK SHALL INCLUDE A MIXTURE OF TANS, BROWNS, GRAYS AND PINKS. RIVER ROCK SHALL BE AN EQUAL COMBINATION OF 1-2" AND 2-4" IN SIZE. REFER TO DETAIL 1/LS1.	SQUARE FEET	100% COVERAG	

AS SHOWN	Ľ							
		ED LANDS	CAPE ARCHITECTURE	A A				
AS SHOWN	R ☆ SV	283		2000				
AS SHOWN		November	r 22, 2021	1				
AS SHOWN								
48" O.C.		NOR	ТН					
48" O.C.	20 1	0 0		20				
48" O.C.		cale: 1" =	- 20' 0"					
36" O.C.	30	caie. I –	- 20 -0					
36" O.C.		is one inc inal drawi		ot				
36" O.C.	one	inch on the st scale as	his sheet,					
36" O.C.	L	One In	nch					
18" O.C.								
8" O.C.								
SOLID SOD				Fexas				
AS SHOWN	BUFFER	lan	es Ph. 1	Il County,				
% COVERAGE	ING AND BUFFERING	Landscape Plan	iscovery Lakes Ph	ity of Rockwall, Rockwall County, Texas				
	SCREENI		Dis	City of Roc				
	$\triangle$							
	CJS P	ROJEC	T NO.	,				
		DLL	.001					
	SHEET	NO.		SHEET NO.				

L3 of 9



PLANT LEGEND						
SYMBOL KEY COMMON NAME		SCIENTIFIC NAME	SIZE	SPACING		
+ LO LIVE OAK		QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN		
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN	
**SO	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN	
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD	



JOHNSON t· L· d· i· o

CODY



Scale: 1'' = 20'-0''

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

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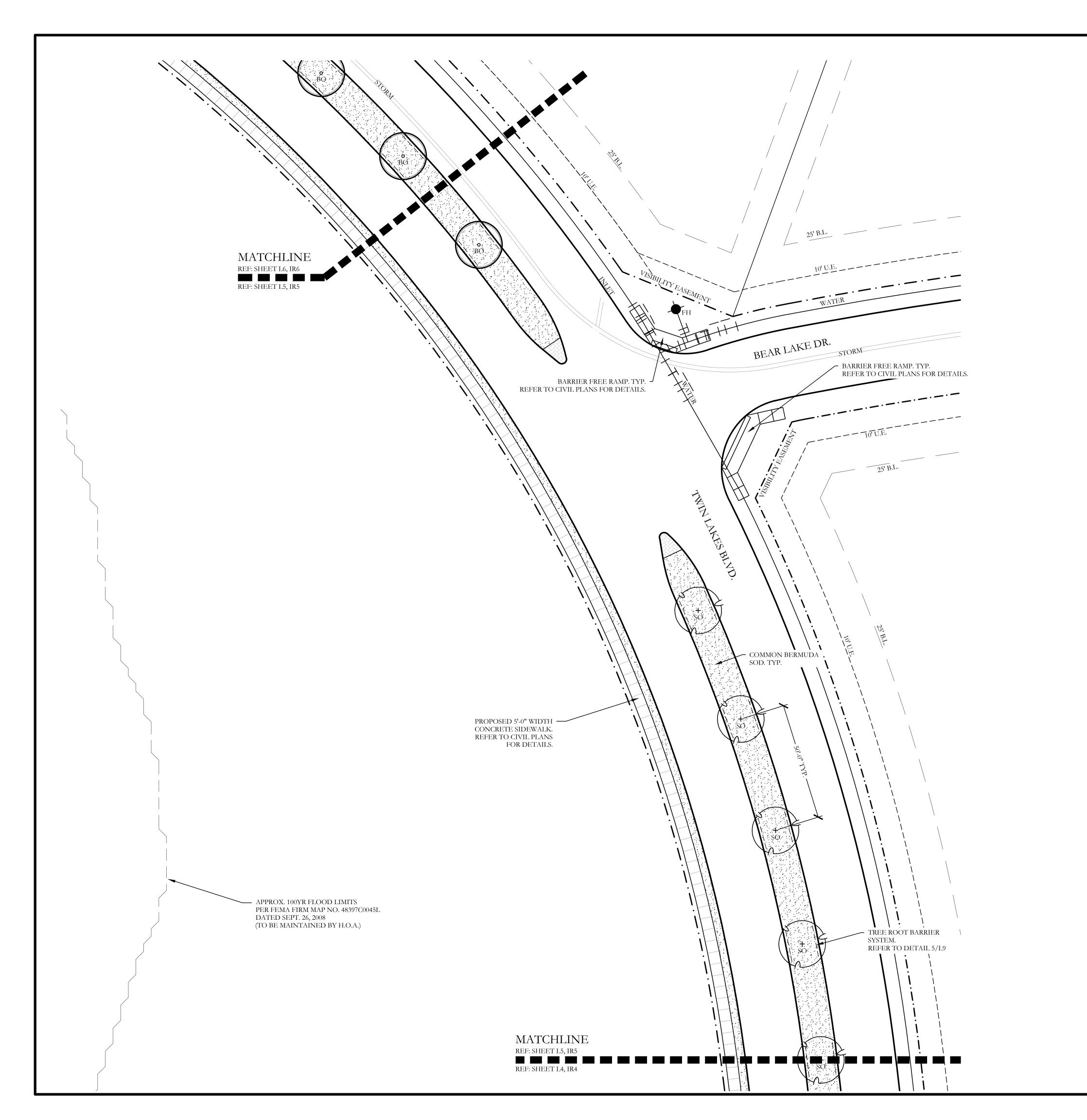
Lakes Ph.

CJS PROJECT NO.

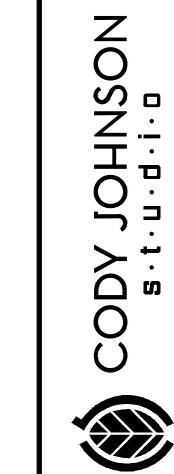
DLL001

SHEET NO.

L4 of <u>9</u>



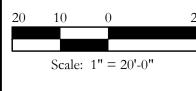
PLANT LEGEND						
SYMBOL KEY COMMON NAME		SCIENTIFIC NAME	SIZE	SPACING		
+ LO	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN	
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN	
+ SO	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN	
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD	











Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

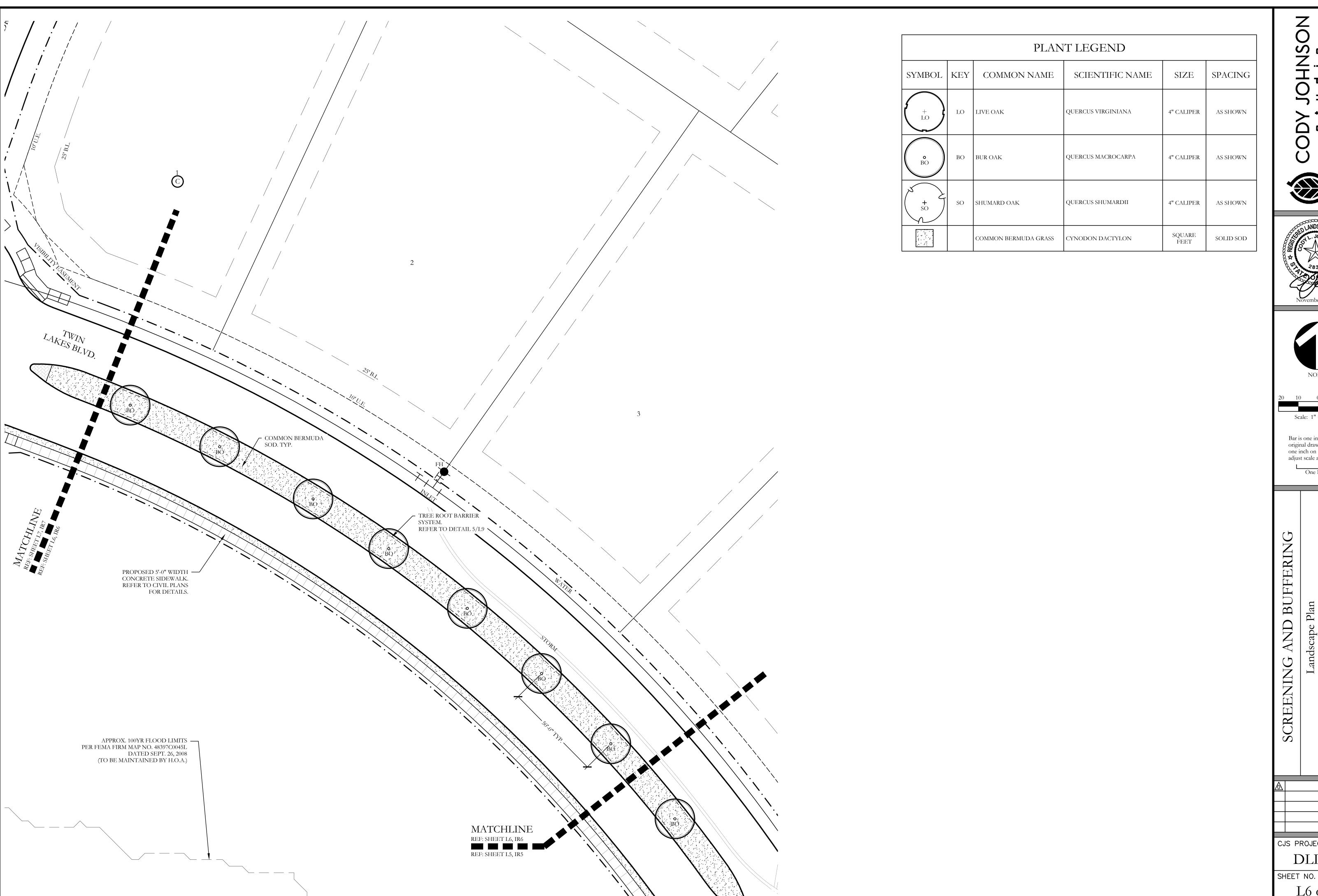
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Discovery Lakes Ph. Landscape Plan

SCREENING AND BUFFERING

CJS PROJECT NO.

DLL001 SHEET NO. L5 of <u>9</u>

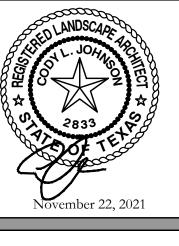


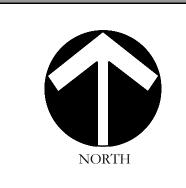
CODY











Scale: 1'' = 20'-0''

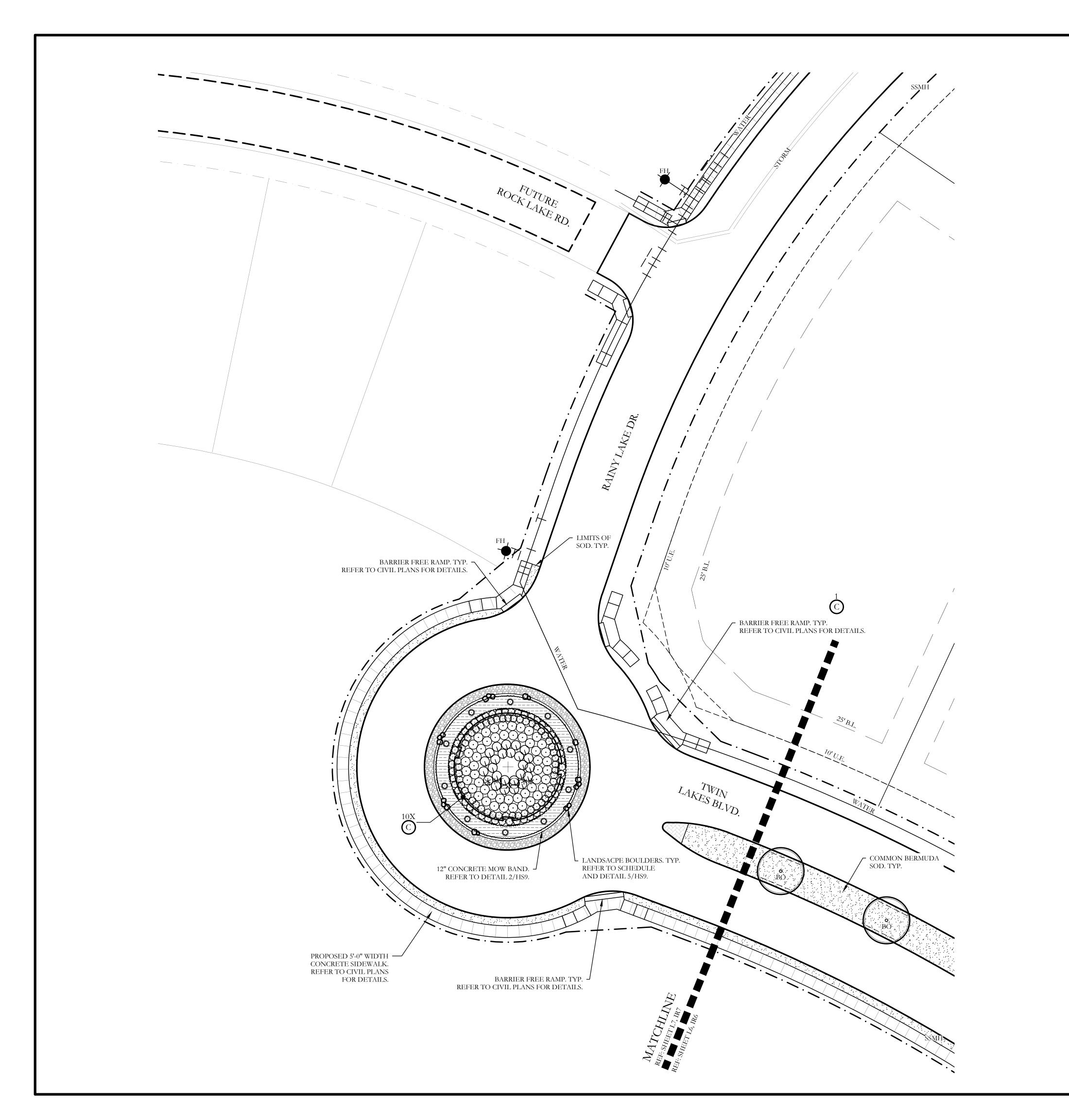
Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

 $\overline{\phantom{a}}$ 

Lakes Ph.

CJS PROJECT NO. DLL001

L6 of <u>9</u>



		PLAN	T LEGEND		
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
**LO**	LO	LIVE OAK	QUERCUS VIRGINIANA	8" CALIPER	AS SHOWN
t.O	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
o BO	ВО	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN
+ SO	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
© CE	CE	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN
(+ \(\frac{1}{V}\)	V	CHASTE TREE	VITEX ANGUS-CASTUS	2" CALIPER	AS SHOWN
$\otimes$		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.
$\odot$		PURPLE DIAMOND LOROPETALUM	LOROPETALUM CHINENSIS ' PURPLE DIAMOND'	7 GALLON	48" O.C.
Q		DESPERADO TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS 'GREADO'	7 GALLON	48" O.C.
0		PINKIE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'PINKIE'	3 GALLON	36" O.C.
0		RED YUCCA	HESPERALOE PARVIFLORA	3 GALLON	36" O.C.
· · · · · · · · · · · · · · · · · · ·		YELLOW YUCCA	HESPERALOE PARVIFLORA 'YELLOW'	3 GALLON	36" O.C.
$\odot$		ADAM'S NEEDLE 'COLOR GUARD'	YUCCA FILAMENTOSA 'GOLOR GUARD'	3 GALLON	36" O.C.
		MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	18" O.C.
		ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD
080		OKLAHOMA MOSS ROCK BOULDERS	50 LB. TO 250 LB. MAX SIZE; BURY BOTTOM THIRD OF BOULDER IN LANDSCAPE BED. FIELD LOCATE ALL BOULDER MASSES ON SITE AND MARK FOR LANDSCAPE ARCHITECT'S APPROVAL BEFORE PROCEEDING WITH WORK.	TON	AS SHOWN
		OKLAHOMA RIVER ROCK	3" DEPTH RIVER ROCK BED WITH LANDSCAPE FABRIC BENEATH AS SHOWN IN DETAILS. RIVER ROCK SHALL INCLUDE A MIXTURE OF TANS, BROWNS, GRAYS AND PINKS. RIVER ROCK SHALL BE AN EQUAL COMBINATION OF 1-2" AND 2-4" IN SIZE. REFER TO DETAIL 1/LS1.	SQUARE FEET	100% COVERAG

S SHOWN			9720 COI	PH. (903) EMAIL: (
S SHOWN S SHOWN	A S & REGISTRA	283	CAPL BOLLINGON STEEL	
S SHOWN	N	Novembe	r 22, 2021	1
S SHOWN		4		
48" O.C.		NOF	RTH	
48" O.C.	20 10	0		20
48" O.C.	Sc	ale: 1" =	= 20'-0"	
36" O.C.	D .		,	
36" O.C.	origi		ch on Ing. If no his sheet,	
36" O.C.		st scale as	s necessar	
36" O.C.		One I:	nch	
18" O.C.				
8" O.C.				
OLID SOD	RING			Fexas
S SHOWN	BUFFE	Jan	akes Ph. 1	all County,
COVERAGE	NG AND	Landscape Plat	Discovery Lak	City of Rockwall, Rockwall County, Texas
	SCREENING A		Dis	City of Roc
		_		
	CJS P			
			001_	
	SHEET	NO.		

/ JOHNSON

# LANDSCAPE PROVIDED

STATE HIGHWAY - 276

MINIMUM TWENTY (25) FOOT LANDSCAPE BUFFER PROVIDED

6' HT. WROUGHT IRON METAL SCREENING FENCE PROVIDED.

3-4" CAL. CANOPY TREE / 100 LF OF LINEAR FRONTAGE.  $\overline{545}$  LF OF FRONTAGE / 100 LF = 5.45

 $5.45 \times 3 = 16.35$ 

4-ACCENT TREES / 100 LF OF LINEAR FRONTAGE. 545 LF OF FRONTAGE / 100 LF = 5.45

5.45 X 4 = 21.80

PROVIDED: 17 - 4" CALIPER TREES 22 - ACCENT TREES

SHRUBBERY SHALL HAVE A MINIMUM HEIGHT OF 30 INCHES

AND A MAXIMUM HEIGHT OF 48 INCHES.

MINIMUM 2.5' HT. LANDSCAPE BERMS PROVIDED ALONG FRONTAGE. REFER TO CIVIL PLANS FOR DETAILS

		PLANT LIST							
KEY	ESTIMATED QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	REMARKS			
LO	8	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.			
**LO**	1	LIVE OAK - MULTI TRUNK	QUERCUS VIRGINIANA	8" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 10'-0"; MINIMUM 15'-0" OVERALL HEIGHT.			
ВО	8	BUR OAK	QUERCUS MACROCARPA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.			
SO	19	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.			
СЕ	5	CEDAR ELM	ULMUS CRASSIFOLIA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.			
V	22	CHASE TREE	VITEX ANGUS-CASTUS	2" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM 8'-0" OVERALL HEIGHT.			
	105	STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.			
	71	PURPLE DIAMOND LOROPETALUM	LOROPETALUM CHINENSIS ' PURPLE DIAMOND'	7 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.			
	25	DESPERADO TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS 'GREADO'	3 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.			
	114	PINKIE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'PINKIE'	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.			
	36	RED YUCCA	HESPERALOE PARVIFLORA	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.			
	50	YELLOW YUCCA	HESPERALOE PARVIFLORA 'YELLOW'	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.			
	19	ADAN'S NEEDLE 'COLOR GUARD'	YUCCA FILAMENTOSA 'COLOR GUARD'	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.			
	550	MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	24" O.C.	CONTAINER GROWN; FULL PLANT.			
	170	ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.	CONTAINER GROWN; FULL PLANT.			
	32,800	COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD	MINIMUM 100% COVERAGE ALL AREAS SHOWN			
	1.5	OKLAHOMA MOSS ROCK BOULDERS	N/A	TON	AS SHOWN	50 LB. TO 250 LB. MAX SIZE; BURY BOTTOM THIRD OF BOULDER IN LANDSCAPE BED. FIELD LOCATE ALL BOULDER MASSES ON SITE AND MARK FOR LANDSCAPE ARCHITECT'S APPROVAL BEFORE PROCEEDING WITH WORK.			
	825	OKLAHOMA RIVER ROCK	N/A	SQUARE FEET	100% COVERAGE	3" DEPTH RIVER ROCK BED WITH LANDSCAPE FABRIC BENEATH AS SHOWN IN DETAILS. RIVER ROCK SHALL INCLUDE A MIXTURE OF TANS, BROWNS, GRAYS, AND PINKS. RIVER ROCK SHALL BE AN EQUAL COMBUNATION OF 1"-2" AND 2"-4" IN SIZE.			

# GENERAL LANDSCAPE NOTES

# INSPECTIONS:

WORKS DEPARTMENT. 2. THE CONTRACTOR SHALL MARK ALL WATER LINES, SEWER LINES, AND TREE LOCATIONS PRIOR TO

CALLING FOR ROW INSPECTION AND PERMIT.

FINAL ACCEPTANCE BY THE CITY AND ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

STANDARDS PRIOR TO CALLING FOR FINAL LANDSCAPE AND ROW INSPECTIONS.

# LANDSCAPE STANDARDS:

2. UNLESS OTHERWISE SPECIFIED, TREES SHALL BE PLANTED NO LESS THAN 4' FROM CURBS,

APPROVAL FOR ALL TREE PLACEMENTS.

LANDSCAPE PURSUANT TO THE FIRE CODE. 4. 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

5. THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004) SPECIFICATIONS SHALL GOVERN

PLANT QUALIFICATIONS, GRADES, AND STANDARDS. 6. TREE PLANTING SHALL COMPLY WITH DETAILS HEREIN AND THE INTERNATIONAL SOCIETY OF

7. 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.

PIT WITHIN 24-HOURS, THE TREE SHALL BE MOVED OR DRAINAGE SHALL BE PROVIDED.

9. ALL BEDS TO HAVE 3" OF COMPOSTED SOIL, LIVING EARTH TECHNOLOGY, OR APPROVED EQUAL

11. NATIVE SITE TOPSOIL IS TO BE PROTECTED FROM EROSION OR STOCKPILED. NATIVE SITE TOPSOIL

LANDSCAPE WATER ALLOWANCE (LWA) PRIOR TO APPROVAL OF LANDSCAPE INSTALLATION.

6. 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.

CLEARANCE (MINIMUM).

8. IRRIGATION HEADS THAT RUN PARALLEL AND NEAR PUBLIC WATER AND SANITARY SEWER LINES; SHALL BE FED FROM STUBBED LATERALS OR BULL-BEADS. A MINIMUM FIVE FOOT (5') SEPARATION IS REQUIRED BETWEEN IRRIGATION MAIN LINES AND LATERALS THAT RUN PARALLEL TO PUBLIC WATER AND SANITARY SEWER LINES.

CLOSER THAN 10' FROM THE CURB AT STREET OR DRIVE INTERSECTION.

1. 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

THE EXTENT THAT VISION OR ROUTE OF TRAVEL FOR VEHICULAR, PEDESTRIAN, OR BICYCLE

4. TREE MAINTENANCE SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE INTERNATIONAL

5. TREE STAKING MATERIALS, IF USED, SHALL BE REMOVED AFTER (1) GROWING SEASON, NO MORE

COLORED PLASTIC FENCE, OR SILT FENCE, PLACED AT THE DRIP LINE OF THE TREES.

3. 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

4. NO EQUIPMENT SHALL BE CLEANED, OR HARMFUL LIQUIDS DEPOSITED WITHIN THE LIMITS OF THE

6. VEHICULAR AND CONSTRUCTION EQUIPMENT SHALL NOT PARK OR DRIVE WITHIN THE LIMITS OF

ZONE, UNLESS ADEQUATE TREE PRESERVATION METHODS ARE APPROVED BY THE CITY.

10. ALL TREE MAINTENANCE TECHNIQUES SHALL BE IN CONFORMANCE WITH INDUSTRY IDENTIFIED STANDARDS. IMPROPER OR MALICIOUS PRUNING TECHNIQUES ARE STRICTLY PROHIBITED.

1. NO EXCAVATION SHALL OCCUR IN CITY R.O.W. WITHOUT A R.O.W. PERMIT--CONTACT THE PUBLIC

3. THE LANDSCAPE INSTALLATION SHALL COMPLY WITH APPROVED LANDSCAPE DRAWINGS PRIOR TO

4. WATER METERS, CLEANOUTS AND OTHER APPURTENANCES, SHALL BE ACCESSIBLE, ADJUSTED TO GRADE, CLEARLY MARKED WITH FLAGGING AND COMPLIANT WITH PUBLIC WORKS DEPARTMENT

1. PLANTINGS AND LANDSCAPE ELEMENTS SHALL COMPLY WITH THE CITY'S ENGINEERING DESIGN

STANDARDS, PUBLIC R.O.W. VISIBILITY REQUIREMENTS. SIDEWALKS, UTILITY LINES, SCREENING WALLS AND OTHER STRUCTURES. THE CITY HAS FINAL

3. A MINIMUM THREE FEET (3') RADIUS AROUND A FIRE HYDRANT MUST REMAIN CLEAR OF

ARBORICULTURE (ISA) STANDARDS.

8. TREE PITS SHALL BE TESTED FOR WATER PERCOLATION. IF WATER DOES NOT DRAIN OUT OF TREE

TILLED AND TURNED TO A DEPTH OF 8" MINIMUM.

10. ALL PLANT BEDS SHALL BE TOP-DRESSED WITH A MINIMUM OF 3 INCHES OF HARDWOOD MULCH. SHALL BE LABORATORY TESTED BY AND ACCREDITED LABORATORY AND AMENDED PER SAID

# IRRIGATION STANDARDS:

LABORATORY'S RECOMMENDATIONS.

1. ANY CHANGES TO THESE APPROVED IRRIGATION DRAWINGS SHALL BE AUTHORIZED BY THE CITY. 2. CONTACT DEVELOPMENT SERVICES FOR AN IRRIGATION PERMIT PRIOR TO INSTALLING THE IRRIGATION SYSTEM.

3. IRRIGATION OVER-SPRAY ON STREETS AND WALKS IS PROHIBITED.

4. MAINLINES, VALVES, OR CONTROL WIRES SHALL NOT BE LOCATED IN THE CITY'S ROW.

5. ET IRRIGATION CONTROLLERS SHALL BE PROGRAMMED AND ADJUSTED TO NOT EXCEED THE

7. THE BORE DEPTH UNDER STREETS, DRIVE AISLES, AND FIRE LANES SHALL PROVIDE (2') OF

9. NO VALVES, BACKFLOW PREVENTION ASSEMBLIES, QUICK COUPLERS ETC. SHALL BE LOCATED

# MAINTENANCE STANDARDS:

2. LANDSCAPE AND OPEN AREAS SHALL BE FREE OF TRASH, LITTER AND WEEDS.

3. NO PLANT MATERIAL SHALL BE ALLOWED TO ENCROACH ON R.O.W., SIDEWALKS OR EASEMENTS TO TRAFFIC IS IMPEDED.

SOCIETY OF ARBORICULTURE.

THAN (1) YEAR AFTER INSTALLATION (STEEL TREE STAKES, WIRES, AND HOSES ARE PROHIBITED).

# TREE PROTECTION NOTES:

1. CONTACT DEVELOPMENT SERVICES FOR A TREE REMOVAL PERMIT PRIOR TO REMOVAL OR TRANSPLANTING OF ANY TREES.

2. ALL TREES WHICH ARE TO REMAIN ON SITE SHALL BE PROTECTED WITH A (4') TALL BRIGHTLY

BY DEVELOPMENT SERVICES.

ROOT ZONE OF TREES WHICH REMAIN ON SITE. 5. NO SIGNS, WIRES, OR OTHER ATTACHMENTS SHALL BE ATTACHED TO ANY TREE TO REMAIN ON

7. GRADE CHANGES IN EXCESS OF 3 INCHES (CUT OR FILL) SHALL NOT BE ALLOWED WITHIN A ROOT

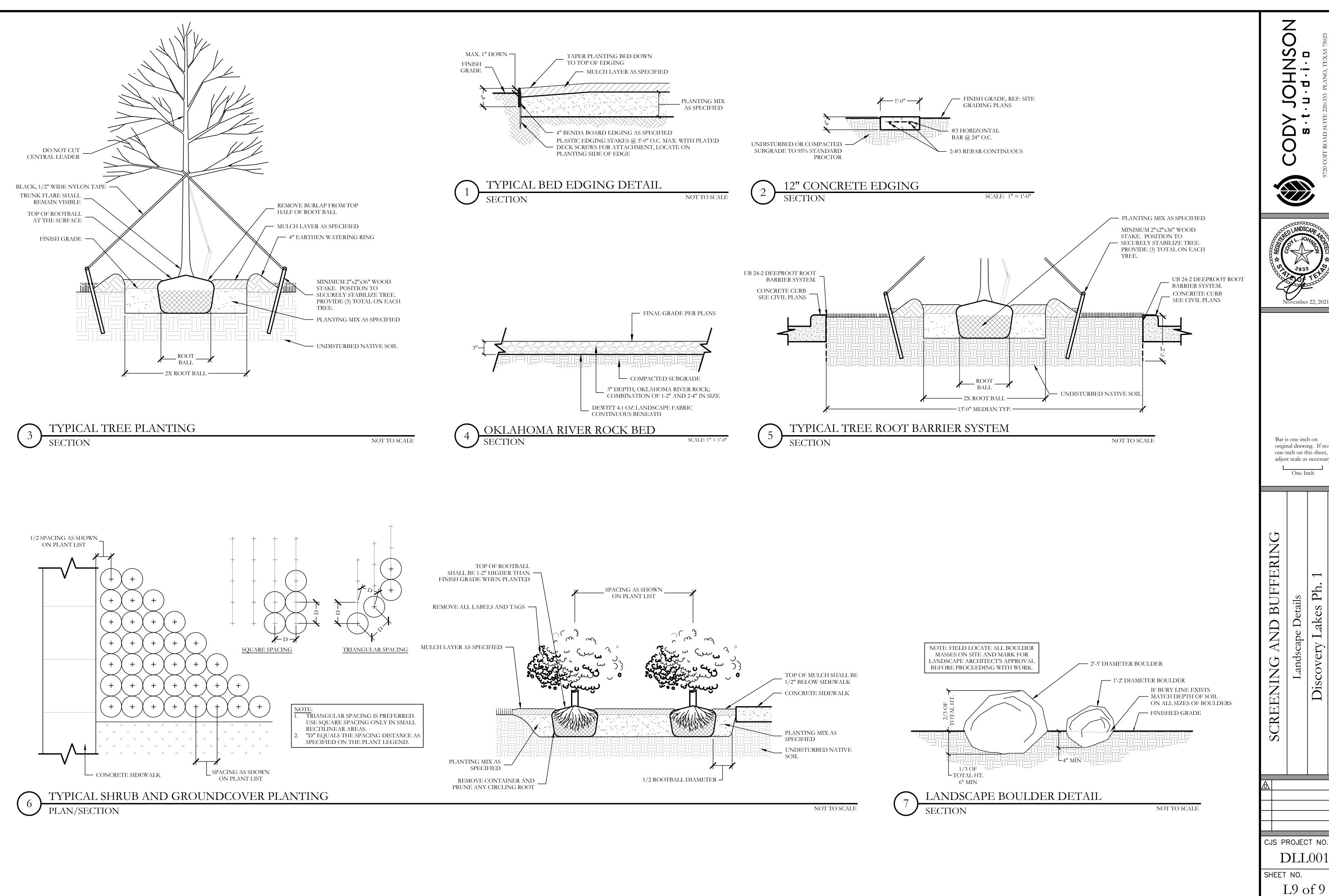
8. NO TRENCHING SHALL BE ALLOWED WITHIN THE DRIP-LINE OF A TREE, UNLESS APPROVED BY THE

9. ALL REMOVED TREES SHALL BE CHIPPED AND USED FOR MULCH ON SITE OR HAULED OFF-SITE.

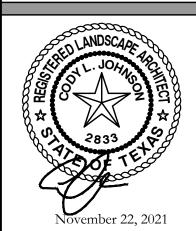
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 $\overline{\phantom{a}}$ Ph.

CJS PROJECT NO.





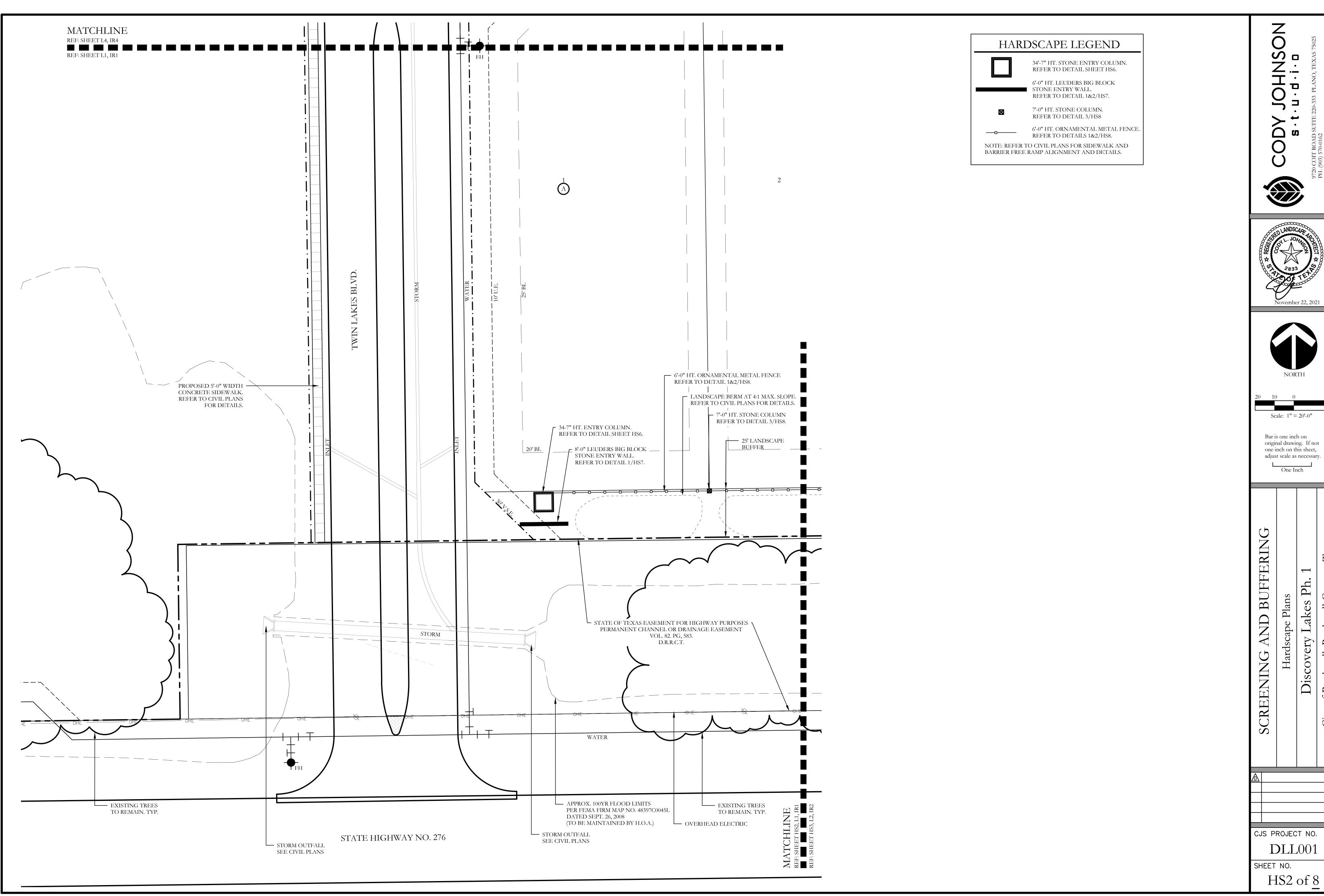


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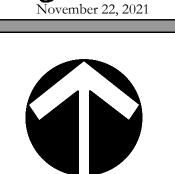
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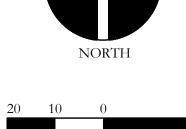
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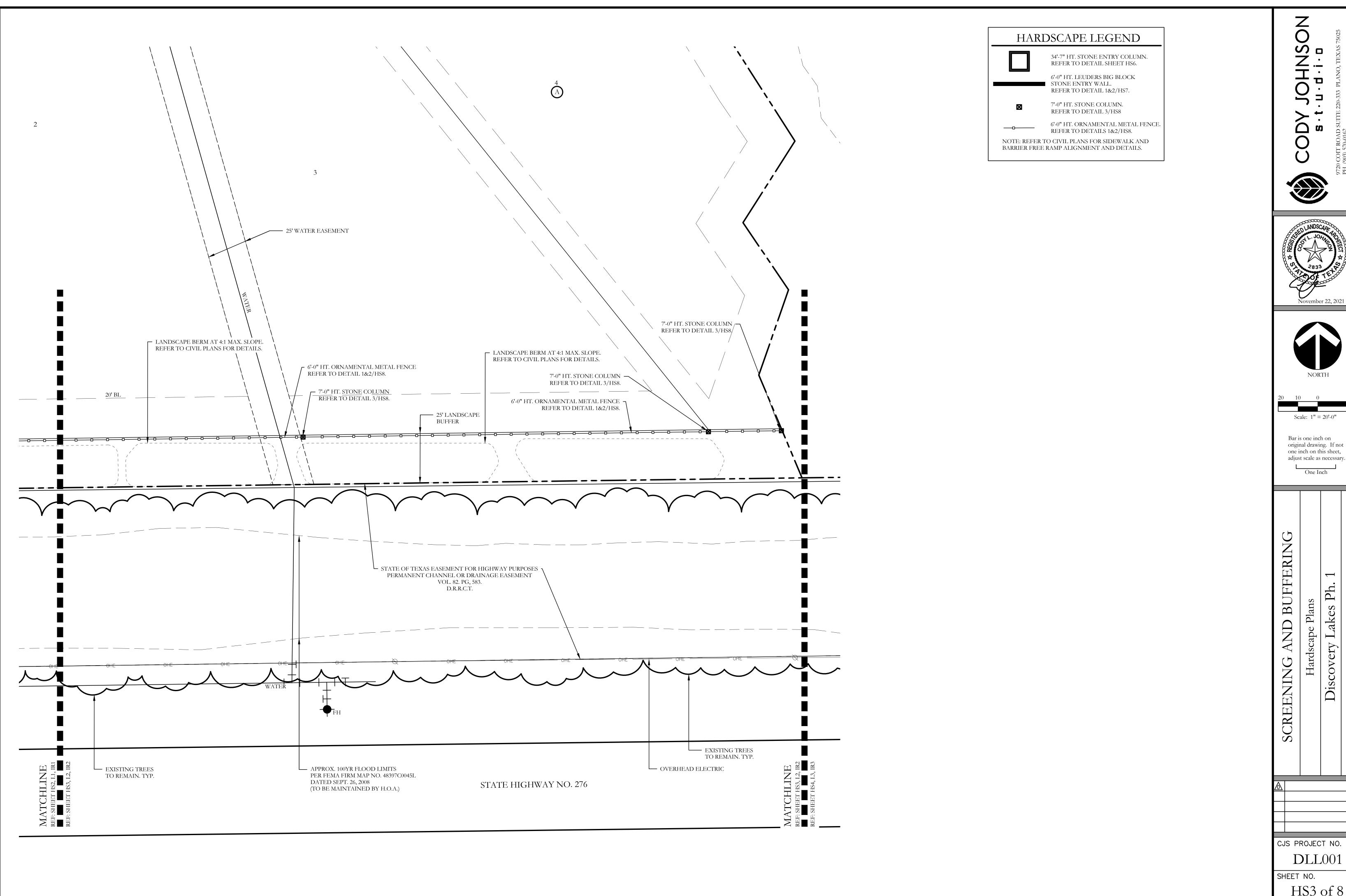


Scale: 1'' = 20'-0''

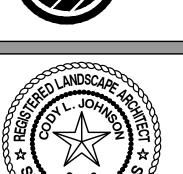
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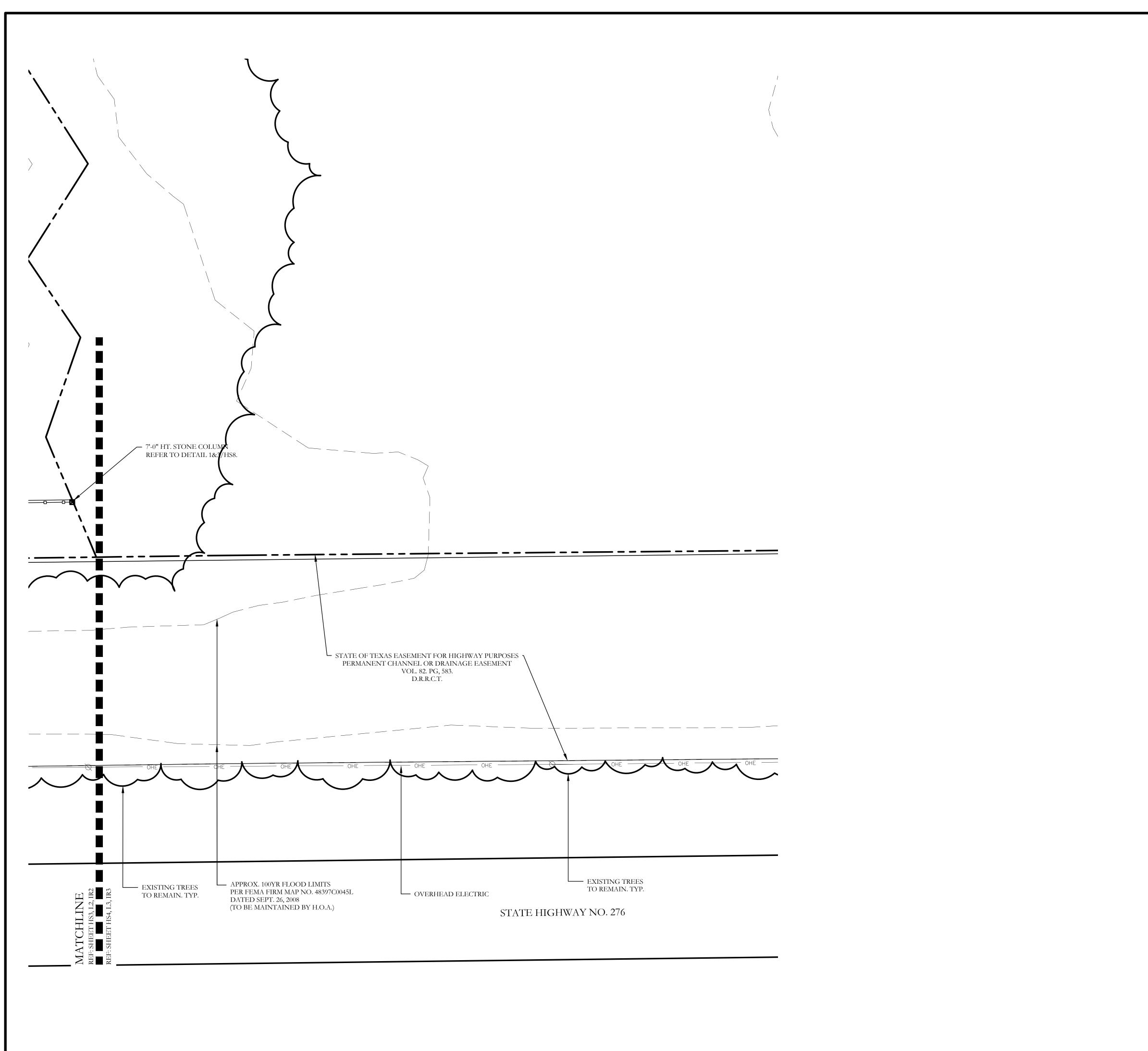




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DLL001

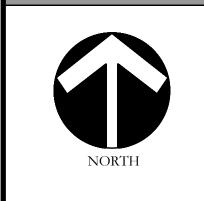
HS3 of 8

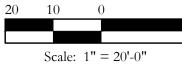


HARDSCAPE LEGEND 34'-7" HT. STONE ENTRY COLUMN. REFER TO DETAIL SHEET HS6. 6'-0" HT. LEUDERS BIG BLOCK STONE ENTRY WALL. REFER TO DETAIL 1&2/HS7. 7'-0" HT. STONE COLUMN. REFER TO DETAIL 3/HS8 6'-0" HT. ORNAMENTAL METAL FENCE. REFER TO DETAILS 1&2/HS8.

> NOTE: REFER TO CIVIL PLANS FOR SIDEWALK AND BARRIER FREE RAMP ALIGNMENT AND DETAILS.







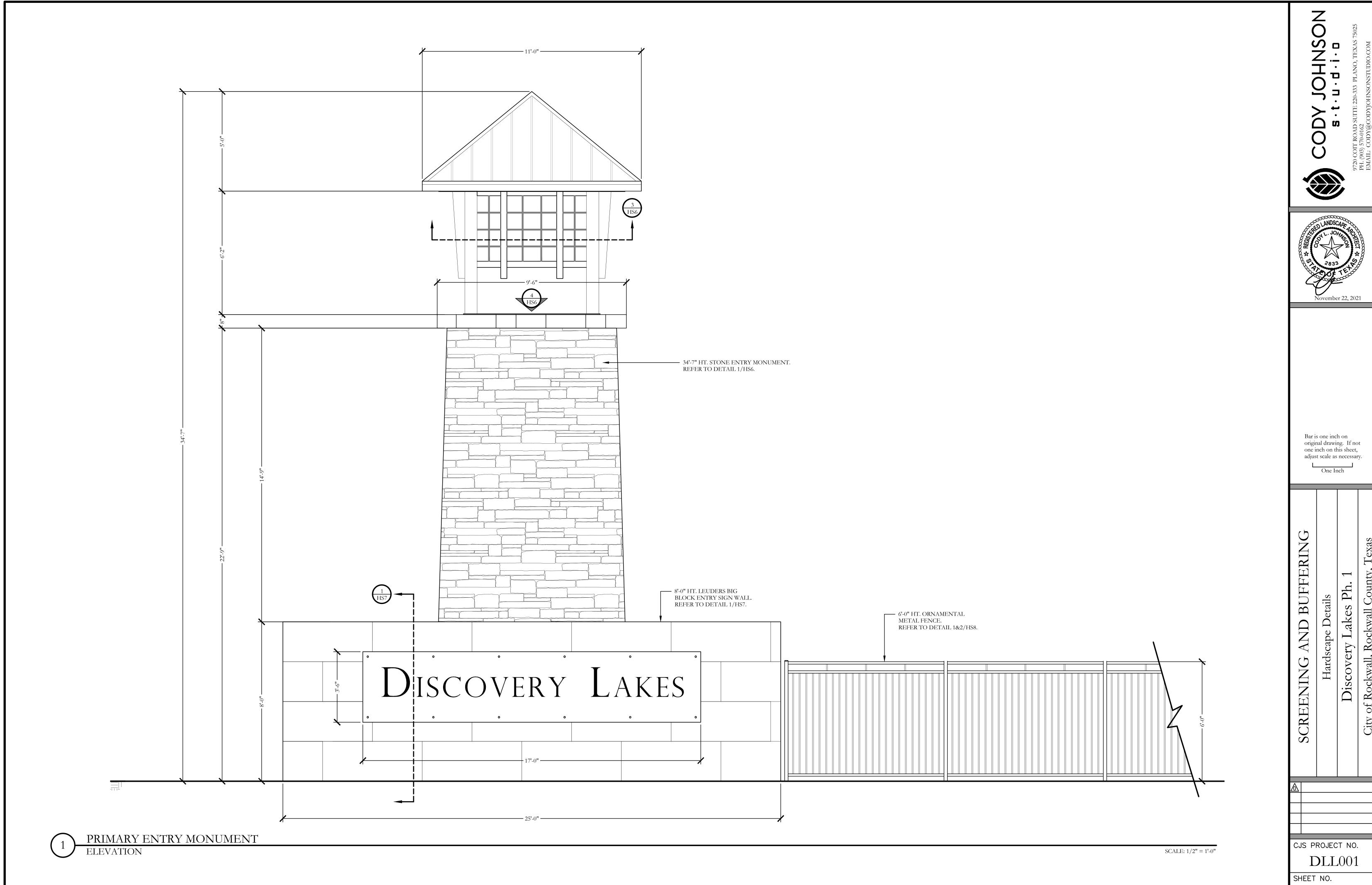
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CJS PROJECT NO. DLL001

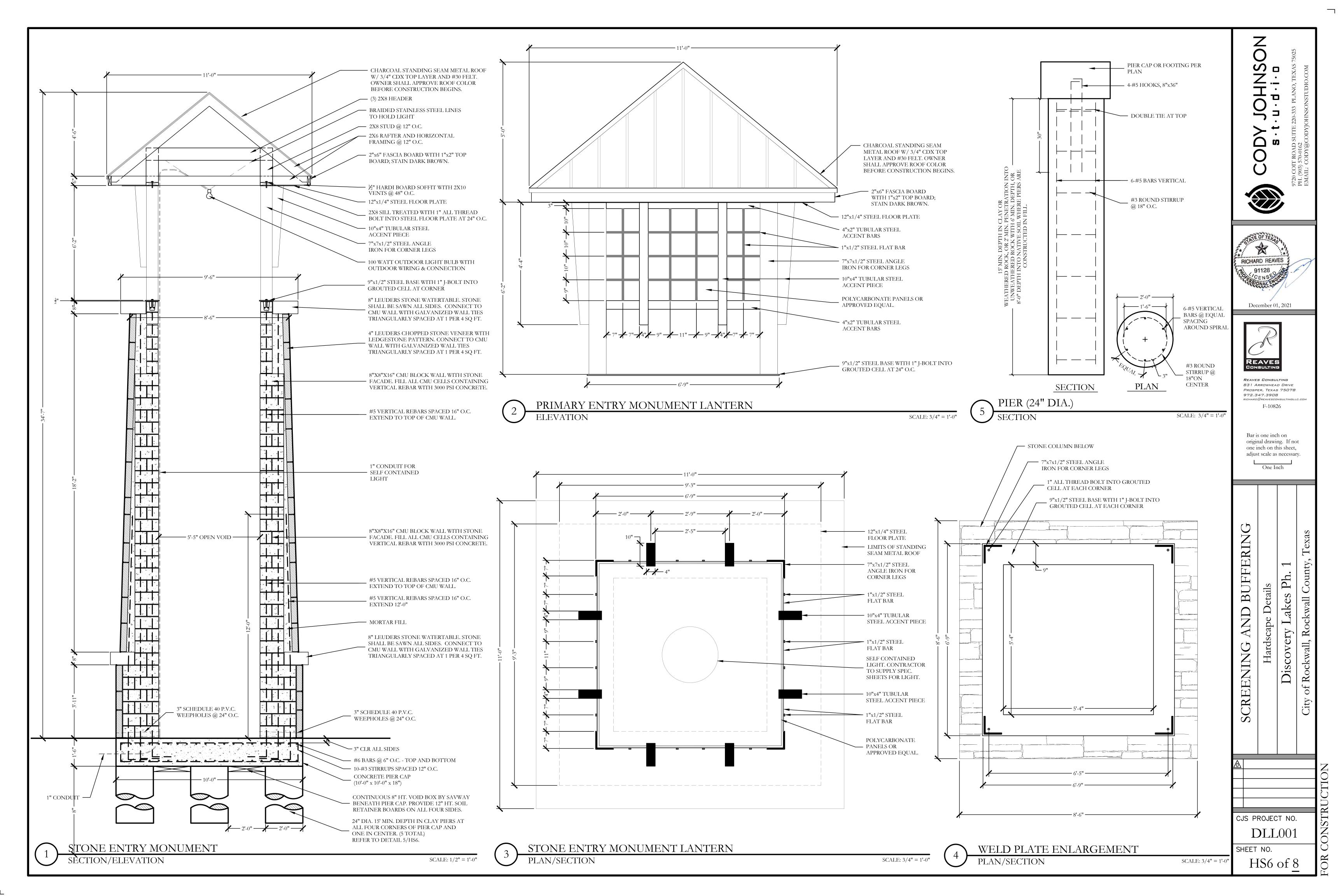
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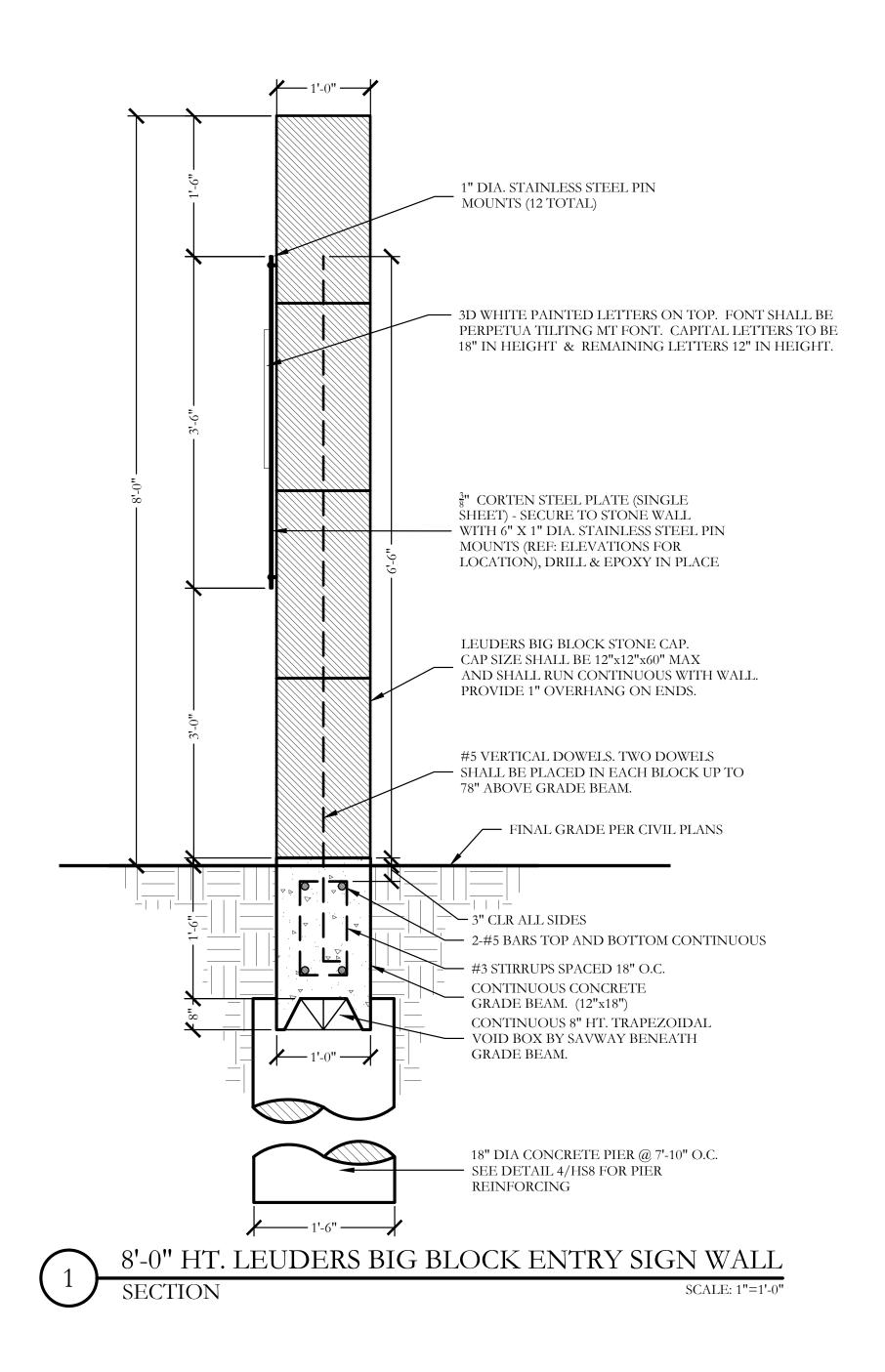
HS4 of <u>8</u>

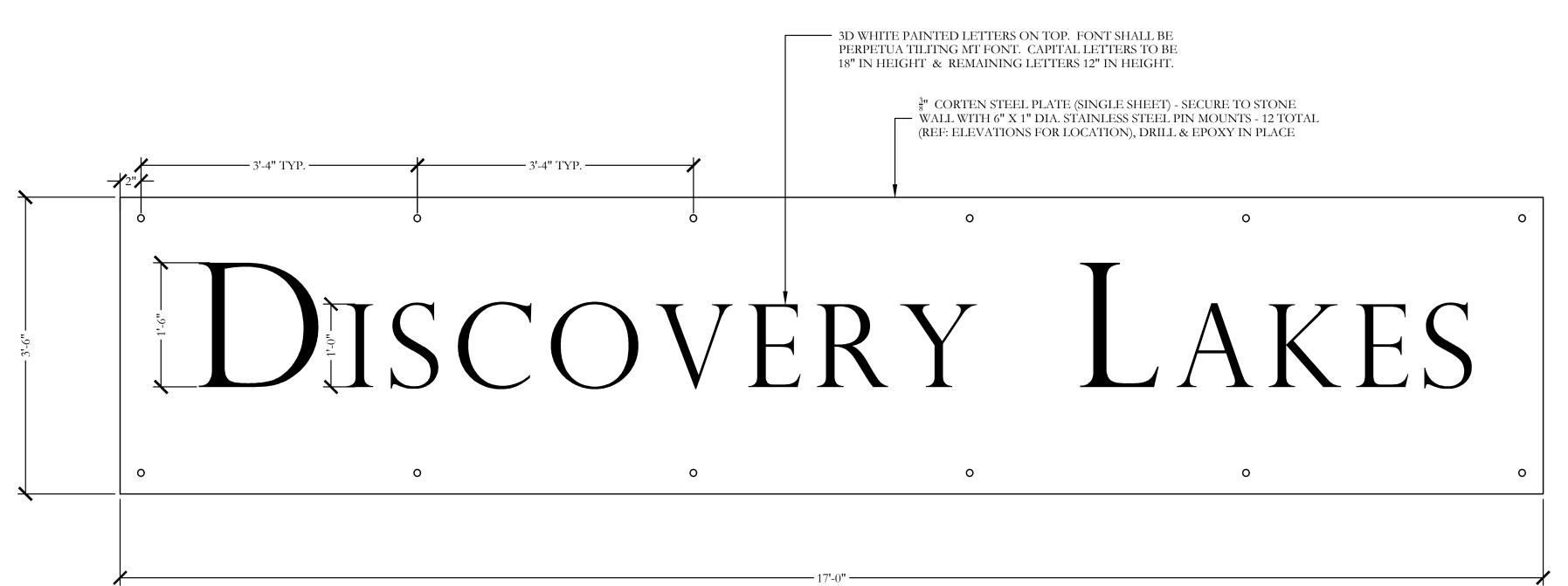




HS5 of <u>8</u>







CORTEN SIGN PANEL & LETTING

REAVES CONSULTING REAVES CONSULTING 831 ARROWHEAD DRIVE PROSPER, TEXAS 75078 972.347.3908 F-10826 Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary. One Inch

SCALE: 1"=1'-0"

SCREENING AND BUFFERING  $\overline{\phantom{a}}$ 

December 01, 2021

Discovery Lakes Ph. Hardscape Details

CJS PROJECT NO. DLL001

SHEET NO.

HS7 of <u>8</u>

6'-0" HT. ORNAMENTAL METAL FENCE AND COLUMN

3-2" FLAGSTONE SLABS TO ACT AS

8"X8"X16" CMU BLOCK WITH STONE

FACADE. FILL ALL CMU CELLS WITH

2-2" FLAGSTONE SLABS TO ACT AS

2-#5 VERTICAL DOWELS EACH SIDE.

EXTEND TO TOP OF COLUMN.

- 2-#5 BARS TOP AND BOTTOM

8" HT. DONUT FORM VOID BOX BY - SAVWAY BENEATH PIER CAP WITH 12" HT. SOIL RETAINER BOARD.

SCALE: 3/4"=1'-0"

PROVIDE 4 BARS TOTAL.

FINAL GRADE

CONCRETE PIER CAP

18" DIA. CONCRETE PIER IN CENTER OF PIER CAP. REFER TO DETAIL 4/HS8.

- 3" CLR ALL SIDES

— 3-#3 STIRRUPS

(24"x24"x18")

1'-6"

'-0" HT. STONE COLUMN

- WATERTABLE. PROVIDE 1" OVERHANG

4" STONE VENEER AS SELECTED BY OWNER,

LEDGESTONE PATTERN. CONNECT TO CMU

COLUMN WITH GALVANIZED WALL TIES

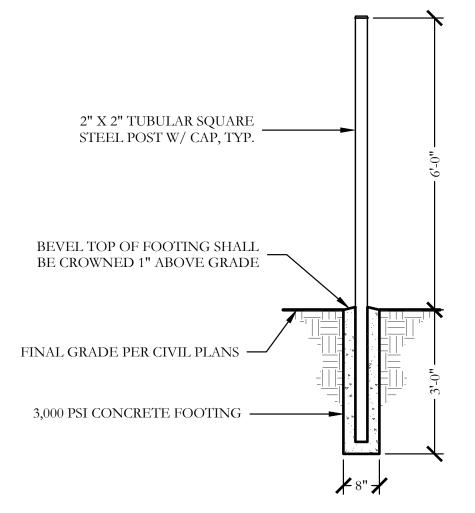
TRIANGULARLY SPACED AT 1 PER 4 SQ FT.

ALL SIDES.

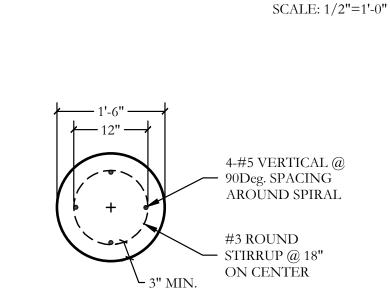
ALL SIDES.

3000 PSI CONCRETE.

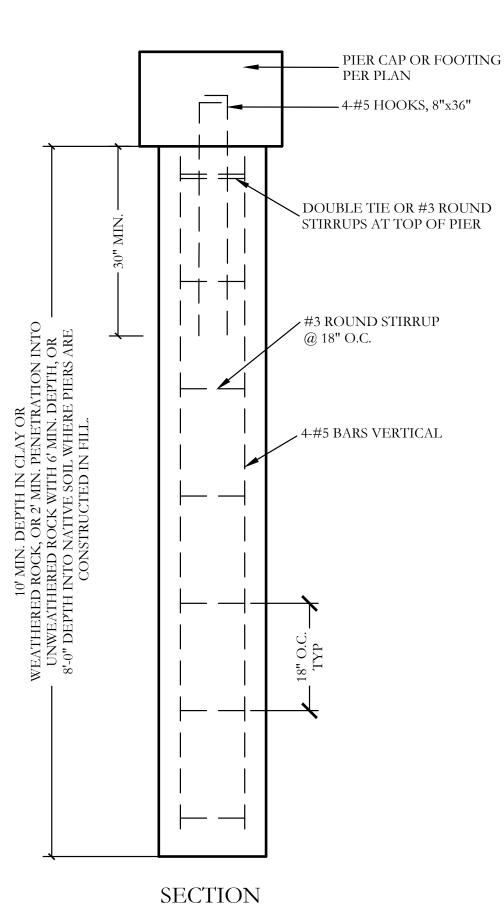
COLUMN CAP. PROVIDE 1" OVERHANG



TYPICAL METAL POST FOOTING



# PLAN/SECTION



# GENERAL NOTES - HARDSCAPE CONSTRUCTION

1. ALL CONCRETE SHALL BE 3000 PSI, NORMAL WEIGHT, 28 DAY STRENGTH WITH A 4 TO 6 INCH SLUMP. THE CEMENT SHALL BE TYPE 1 AND SHALL CONFORM TO ASTM C150. AGGREGATES SHALL CONFORM TO ASTM C33.

2. ALL MIXING, TRANSPORTING, PLACING, AND CURING OF CONCRETE SHALL COMPLY WITH

3. CONCRETE SHALL NOT BE PLACED IN RAINING OR FREEZING WEATHER.

4. CHLORIDES SHALL NOT BE USED. 5. MAXIMUM AGGREGATE SIZE = 1".

CONCRETE REINFORCING STEEL

1. ALL REINFORCEMENT SHALL CONFORM TO ASTM A615 60 GRADE AND DEFORMED PER ASTM A305. PROVIDE 38 BAR DIAMETER LAP SPLICES FOR ALL CONTINUOUS BARS UNLESS

2. PROVIDE THE FOLLOWING MINIMUM COVER FOR CONCRETE CAST IN PLACE

2.1. CONCRETE CAST AGAINST EARTH AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES 2.2. CONCRETE EXPOSED TO EARTH OF WEATHER:

(A) BARS LARGER THAN NO. 5: 2 INCHES (B) BARS NO. 5 AND SMALLER: 1-1/2 INCHES.

2.3. CONCRETE NOT EXPOSED TO EARTH OR WEATHER: SLABS, WALLS AND JOISTS

(A) BARS, LARGER THAN NO. 11: 1-1/2 INCHES (B) BARS NO. 11 AND SMALLER: 3/4 INCHES.

BEAMS AND COLUMNS: 1-1/2 INCHES SHELLS AND FOLDED PLATES

(A) BAR LARGER THAN NO. 5: 3/4 INCHES. (B) BARS NO. 5 AND SMALLER: 1/2 INCHES.

3. ALL REINFORCING STEEL SHALL BE CLEAN AND FREE OF GREASE.

1. PIERS NOT SPECIFICALLY LOCATED ON THE PLAN SHALL BE CENTERED ON WALL OR

2. PIER REINFORCING AND CONCRETE SHALL BE PLACED IMMEDIATELY OR TO WITHIN A

MAXIMUM OF 8 HOURS AFTER DRILLING IS COMPLETE. 3. STEEL CASING IS REQUIRED WHEN MORE THAN 2 INCHES OF STANDING WATER IS

PRESENT AT THE BOTTOM OF THE SHAFTS PRIOR TO PLACEMENT OF STEEL AND

4. PROVIDE 64 BAR DIAMETER LAP SPLICES IN ALL VERTICAL PIER REINFORCING AS

5. PROVIDE PIER TO GRADE BEAM DOWELS TO MATCH SIZE, QUANTITY, AND LOCATION OF LONGITUDINAL PIER REINFORCING. MIN DOWEL PROJECTION INTO PIER = 30 BAR DIA. MIN DOWEL PROJECTION INTO BEAM = TOP LONGITUDINAL GRADE BEAM REINFORCING. PROVIDE STANDARD HOOK AT TERMINAL END OF DOWEL IN GRADE BEAM.

# STRUCTURAL CONCRETE MASONRY UNIT

L. CONCRETE MASONRY UNITS SHALL BE HOLLOW LOAD-BEARING TYPE N-1 CONFORMING TO ASTM C90 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI. 2. CONCRETE MASONRY UNITS SHALL HAVE A MINIMUM PRISM STRENGTH OF 1500 PSI AT 28

3. MORTAR SHALL BE ASTM C270, TYPE S, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1800 PSI IN ACCORDANCE WITH ASTM C780. MASONRY CEMENT IS PROHIBITED.

4. COARSE GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AND A

MAXIMUM AGGREGATE SIZE OF ½" IN ACCORDANCE WITH ASTM C476.REFER TO DETAILS

FOR WALL REINFORCING BAR SIZE AND SPACING.

5. REINFORCE HORIZONTAL JOINTS WITH GALVANIZED LADDER-TYPE STEEL IN ACCORDANCE WITH ANSI/ASTM A82. SIDE AND CROSS RODS SHALL BE 9 GA MINIMUM.

6. HORIZONTAL REINFORCEMENT SHALL BE SPACED AT 16" MAXIMUM. PROVIDE A 16" LAP

7. JOINT REINFORCING SHALL BE DISCONTINUOUS AT CONTROL AND EXPANSION JOINTS.

8. LAP VERITCAL REINFORCING BARS AT 72 BAR DIAMETERS.

9. LAP HORIZONTAL REINFORCING BARS AT 48 BAR DIAMETERS. 10. PLACE GROUT USING LOW-LIFT METHOD, 6'-8" MAXIMUM LIFTS.

# ORNAMENTAL METAL FENCE NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES EITHER SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY COST INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES AND STRUCTURES CAUSED BY

2. ALL CONCRETE USED IN FOOTING AND PIERS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.

3. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED PERMITS AND CITY

4. ALL ORNAMENTAL METAL TUBES, POSTS, RAILS AND PICKETS SHALL BE FLUSH AND

FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL,

5. PROVIDE CONTINUOUS WELDS ALONG ALL EDGES OF FENCE MEMBERS. 6. GRIND SMOOTH ALL WELDS.

7. ALL METAL SURFACES SHALL BE PRIMED AND PAINTED WITH TWO COATS OF RUSTPROOF PAINT, COLOR TO BE FLAT BLACK. CONTRACTOR TO SUBMIT SAMPLES AS

8. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS BEFORE

MANUFACTURING GATES AND FENCE. GATE LOCKING MECHANISM SHALL BE SELECTED BY OWNER.

9. ALL ORNAMENTAL METAL FENCE MEMBERS ARE TO BE TUBULAR MEMBERS IN ACCORDANCE WITH ASTM 513 HOT ROLLED STRUCTURAL STEEL 50,000 PSI TENSILE

STRENGTH, 60,000 PSI YIELD STRENGTH.

HIS FORCES.

10. FENCE MEMBER SIZES TO BE AS FOLLOWS: 10.1. PICKETS, 3/4" SQUARE 16 GA.

10.2. RAILS, 1-1/2" X 1/2" SQUARE 16 GA.

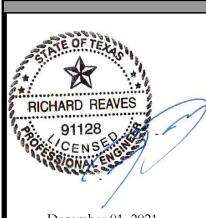
10.3. POSTS, 2" SQUARE 11 GA. 11. CONCRETE FOOTING FOR POSTS SHALL BE A MINIMUM OF 3X POST WIDTH.

12. POSTS SHALL BE PLACED AT A MINIMUM DISTANCE OF 6'-0" O.C AND A MAXIMUM DISTANCE OF 8'-0" O.C.

13. FENCE SHALL MEET LOCAL CODES AND REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE INCLUDING NECESSARY UPSIZING OF POSTS, PICKETS AND HORIZONTAL BARS AND INCREASING THE HEIGHT OF THE FENCE AS IT

APPEARS IN THIS DETAIL AT NO ADDITIONAL COST TO THE OWNER FOR MATERIALS





December 01, 2021



831 ARROWHEAD DRIVE PROSPER, TEXAS 75078

F-10826

Bar is one inch on original drawing. If not one inch on this sheet, adjust scale as necessary.

One Inch

 $\overline{\phantom{a}}$ Ph.

Hardscape

CJS PROJECT NO.

SHEET NO. HS8 of 8

**SECTION** SCALE: 3/4'' = 1'-0''



March 16, 2023

TO: Cameron Slown

Teague, Nall, & Perkins, Inc.

825 Watters Creek Boulevard, Suite M300

Allen, Texas 75013

FROM: Henry Lee, AICP

City of Rockwall Planning and Zoning Department

385 S. Goliad Street Rockwall, TX 75087

SUBJECT: SP2023-002; PD Site Plan for Discovery Lakes Phase 1 Subdivision

Cameron Slown:

This letter serves to notify you that the above referenced case (*i.e. PD Site Plan*) that you submitted for consideration by the City of Rockwall was approved by the Planning and Zoning Commission on February 7, 2023. The following is a record of all recommendations, voting records and conditions of approval:

# Staff Recommendations

- (1) All staff comments provided by the Planning, Engineering and Fire Department must be addressed prior to the acceptance of site/civil permit.
- (2) Any construction resulting from the approval of this <u>Site Plan</u> shall conform to the requirements set forth by the Unified Development Code (UDC), the International Building Code (IBC), the Rockwall Municipal Code of Ordinances, city adopted engineering and fire codes and with all other applicable regulatory requirements administered and/or enforced by the state and federal government.

# Planning and Zoning Commission

On February 7, 2023, the Planning and Zoning Commission approved a motion to approve the Site Plan by a vote of 6-0, with Commissioner Womble absent.

Should you have any guestions or concerns regarding your zoning case, please feel free to contact me a (972) 772-6434.

Sincerely

Henry Lee, AICP, Planner

City of Rockwall Planning and Zoning Department

# Lee, Henry

From: Lee, Henry

**Sent:** Friday, January 27, 2023 12:16 PM

To: 'Cameron Slown'

Cc:

**Subject:** Project Comments SP2023-002

Attachments: Project Comments (01.27.2023).pdf; Engineering Mark-Ups (01.27.2023).pdf

## Good Afternoon,

Attached are the project comments and draft ordinance for your case. The meeting schedule for this case is as follows:

Planning and Zoning Commission Work Session: January 31, 2023 Planning and Zoning Commission Public Hearing: February 14, 2023

Please note that all meetings will be held at 6:00 PM at 385 S. Goliad Street in the City Council Chambers. Please also note that a representative is required to be at all meetings. Should you have any questions please let me know.

# Thank you,



Henry Lee, AICP
Planner
Planning & Zoning Department
972.772.6434
HLee@rockwall.com
385 S. Goliad Street, Rockwall, TX 75087

# Lee, Henry

From: Lee, Henry

Sent: Monday, February 6, 2023 9:53 AM

To: 'Cameron Slown'

Cc: Bill Haney; Matt Hancock
Subject: RE: PD Site Plan Resubmittal

Attachments: City Fence Exhibit Mark-Up (02.03.2023).pdf; Development Comments (02.03.2023).docx

## Good Morning,

Planning has the only remaining comments for this case; they are attached to this email. Please get these revisions to me by Thursday at the latest. Let me know if you have any questions.

# Thank you,



Henry Lee, AICP Planner Planning & Zoning Department 972.772.6434

HLee@rockwall.com

385 S. Goliad Street, Rockwall, TX 75087

From: Cameron Slown <cslown@tnpinc.com>
Sent: Tuesday, January 31, 2023 3:25 PM
To: Lee, Henry <HLee@rockwall.com>

Cc: Miller, Ryan <RMiller@rockwall.com>; Bill Haney <

>; Matt Hancock

Subject: PD Site Plan Resubmittal

## Henry

Please see the link below to download the resubmittal of the PD Site Plan for Discovery Lakes.

https://webshare.tnpinc.com/folders/0b900fcb0c92aeb32c672b5015d419f3

Password: Discovery

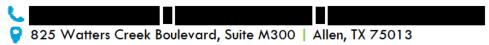
If you need anything else please let me know.

## Cameron Slown



# Cameron Slown, PE

Senior Project Manager



cslown@tnpinc.com



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# Lee, Henry

From: Cameron Slown < > > Sent: Wednesday, February 22, 2023 10:06 AM

**To:** Lee, Henry

**Cc:** Bill Haney; Matt Hancock; Foshee, Craig

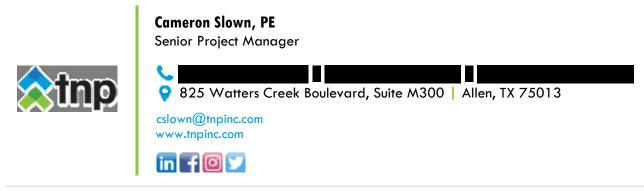
**Subject:** RE: PD Site Plan Resubmittal

**Attachments:** DLL001-Issued For Construction 02-06-2023.pdf

Follow Up Flag: Follow up Flag Status: Completed

Henry

Please see the attached updated site plan submittal for Discovery Lakes.



From: Lee, Henry <HLee@rockwall.com>
Sent: Monday, February 6, 2023 9:53 AM
To: Cameron Slown <

Cc: Bill Haney >; Matt Hancock <

Subject: [EXTERNAL EMAIL] RE: PD Site Plan Resubmittal

Good Morning,

Planning has the only remaining comments for this case; they are attached to this email. Please get these revisions to me by Thursday at the latest. Let me know if you have any questions.

Thank you,



From: Cameron Slown < <a href="mailto:cslown@tnpinc.com">cslown@tnpinc.com</a> Sent: Tuesday, January 31, 2023 3:25 PM

To: Lee, Henry < <a href="https://example.com">HLee@rockwall.com</a>>

Cc: Miller, Ryan <RMiller@rockwall.com>; Bill Haney <

>; Matt Hancock

Subject: PD Site Plan Resubmittal

Henry

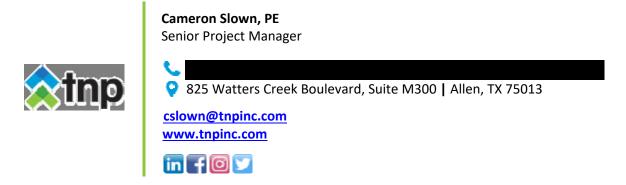
Please see the link below to download the resubmittal of the PD Site Plan for Discovery Lakes.

https://webshare.tnpinc.com/folders/0b900fcb0c92aeb32c672b5015d419f3

Password:

If you need anything else please let me know.

Cameron Slown



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# Lee, Henry

From: Cameron Slown <

**Sent:** Thursday, March 2, 2023 8:07 AM

To: Lee, Henry

Cc: Matt Hancock; Bill Haney
Subject: FW: PD Site Plan Resubmittal

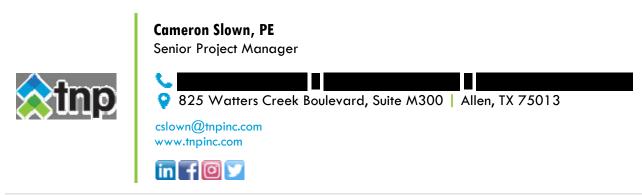
**Attachments:** DLL001-Issued For Construction 03-01-2023.pdf

## Henry

Please see the attached resubmittal of the PD site plan package for your review and approval.

Let me know if you need anything else. If approved can you please let us know so we can continue to coordinate with Craig Foshee on issuance of a building permit.

Thank you sir.



From: Matt Hancock <

Sent: Wednesday, March 1, 2023 6:48 PM
To: Cameron Slown <

Cc: Bill Haney < >; Cody Johnson <

Subject: [EXTERNAL EMAIL] RE: PD Site Plan Resubmittal

## Cameron,

I was able to coordinate with Henry on what he was wanting for the required site plan sheet – comment M.1. We have provided the newly added SP1 sheet within this set. Showing the overall landscape, landscape buffer, requirements table, etc.

Please let me know if you need anything else at this time. Don't hesitate to call.

Thanks again,

Matt Hancock, LI | Studio Leader



704 Central Parkway East | Suite 1200 | Plano | TX 75074



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From: Lee, Henry < HLee@rockwall.com>

Sent: Tuesday, February 28, 2023 8:32 AM
To: 'Cameron Slown' <

Cc: Bill Haney >; Matt Hancock < >; Foshee, Craig

<<u>cfoshee@rockwall.com</u>>

Subject: RE: PD Site Plan Resubmittal

Good Morning,

Staff has reviewed the revisions. Planning has the only remaining comments, which are attached to this email. Once these are addressed please send me the revision for review. Let me know if you have any questions.

Thank you,



Henry Lee, AICP
Planner
Planning & Zoning Department
972.772.6434
HLee@rockwall.com

385 S. Goliad Street, Rockwall, TX 75087

From: Cameron Slown < > > Sent: Wednesday, February 22, 2023 10:06 AM

To: Lee, Henry < <a href="https://example.com">HLee@rockwall.com</a>>

Cc: Bill Haney < >; Foshee, Craig

<cfoshee@rockwall.com>

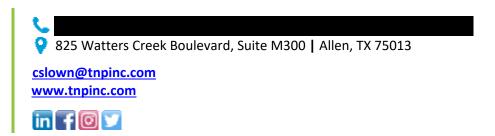
**Subject:** RE: PD Site Plan Resubmittal

Henry

Please see the attached updated site plan submittal for Discovery Lakes.



**Cameron Slown, PE** Senior Project Manager



From: Lee, Henry < HLee@rockwall.com > Sent: Monday, February 6, 2023 9:53 AM

To: Cameron Slown < >

Cc: Bill Haney < >; Matt Hancock <

Subject: [EXTERNAL EMAIL] RE: PD Site Plan Resubmittal

# Good Morning,

Planning has the only remaining comments for this case; they are attached to this email. Please get these revisions to me by Thursday at the latest. Let me know if you have any questions.

Thank you,



Henry Lee, AICP
Planner
Planning & Zoning Department
972.772.6434
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385 S. Goliad Street, Rockwall, TX 75087

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To: Lee, Henry < HLee@rockwall.com >

Cc: Miller, Ryan < RMiller@rockwall.com >; Bill Haney < ; Matt Hancock

Subject: PD Site Plan Resubmittal

Henry

Please see the link below to download the resubmittal of the PD Site Plan for Discovery Lakes.

https://webshare.tnpinc.com/folders/0b900fcb0c92aeb32c672b5015d419f3

Password:

If you need anything else please let me know.

Cameron Slown



Cameron Slown, PE





825 Watters Creek Boulevard, Suite M300 | Allen, TX 75013

cslown@tnpinc.com www.tnpinc.com



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