



DEVELOPMENT APPLICATION

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

STAFF USE ONLY

PLANNING CASE NO. SP2023-012

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

DIRECTOR OF PLANNING:

CITY ENGINEER:

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

PLATTING APPLICATION FEES:

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

SITE PLAN APPLICATION FEES:

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

ZONING APPLICATION FEES:

- ZONING CHANGE (\$200.00 + \$15.00 ACRE)¹
- SPECIFIC USE PERMIT (\$200.00 + \$15.00 ACRE)^{1, 2}
- PD DEVELOPMENT PLANS (\$200.00 + \$15.00 ACRE)¹

OTHER APPLICATION FEES:

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

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.
² A \$1,000.00 FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.

PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS 1649 FM 1141, Rockwall, 75087

SUBDIVISION ABS A0122, MB Jones, Tract 4-01

LOT

BLOCK

GENERAL LOCATION Approximately 1250 feet east of the intersection John King & FM 1141 South of 1141

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING Planned Development PD-93

CURRENT USE Planned Development PD-93

PROPOSED ZONING

PROPOSED USE

ACREAGE 94.144

LOTS [CURRENT] 181

LOTS [PROPOSED]

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

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

OWNER TM Terraces, LLC

APPLICANT Michael Joyce Properties

CONTACT PERSON Bret Pedigo

CONTACT PERSON Ryan Joyce

ADDRESS 4416 W. Lovers Lane, Suite 200

ADDRESS 767 Justin Road

CITY, STATE & ZIP Dallas, TX 76209

CITY, STATE & ZIP Rockwall, TX 75087

PHONE

PHONE 512-965-6280

E-MAIL

E-MAIL ryan@michaeljoyceproperties.com

NOTARY VERIFICATION [REQUIRED]

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

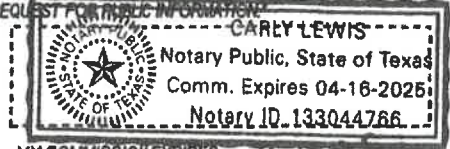
I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF \$ 2132.87 TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE 17th DAY OF MARCH 2023 BY SIGNING THIS APPLICATION. I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION.

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 17th DAY OF March 2023

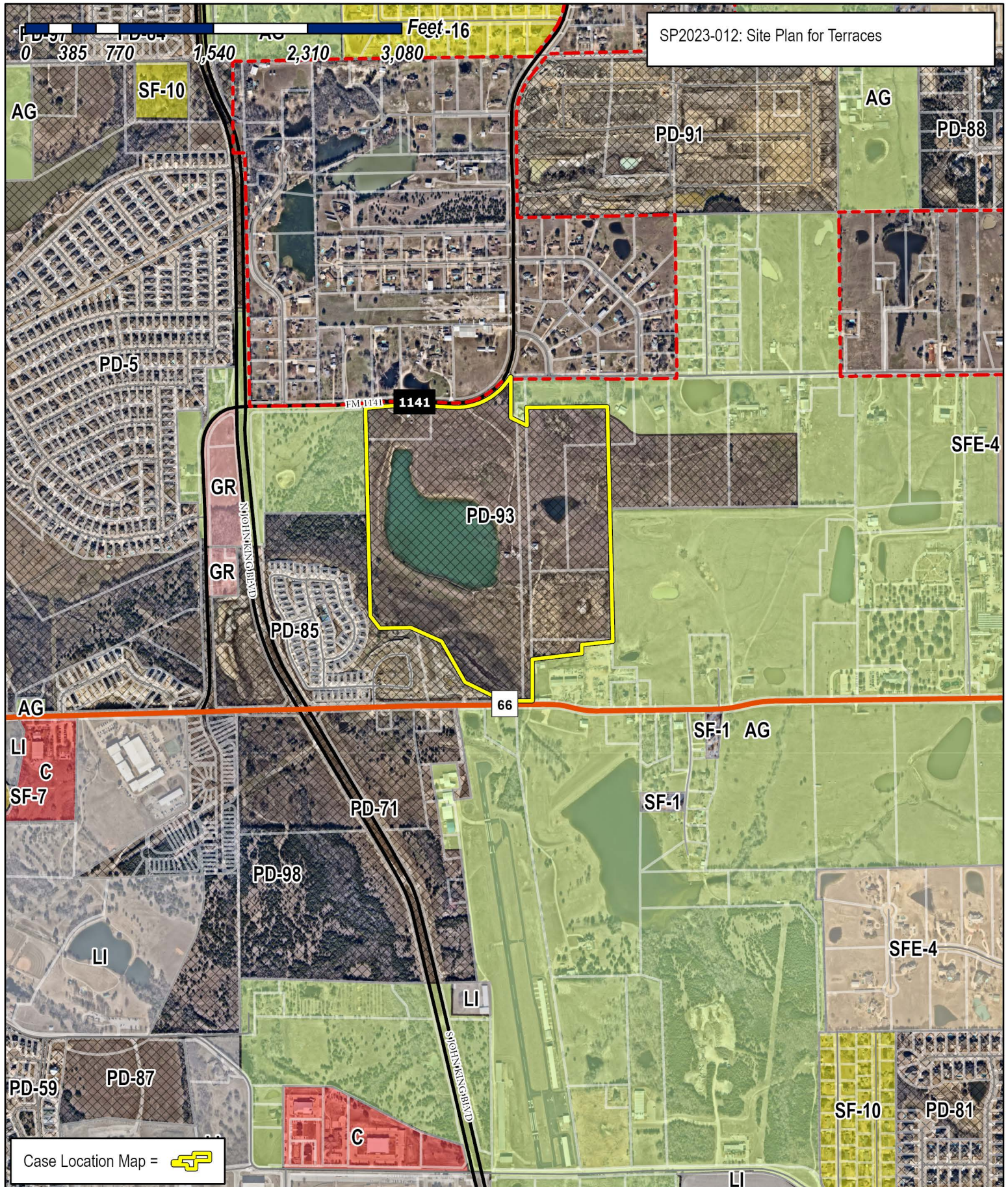
OWNER'S SIGNATURE

Bret Pedigo
Craig

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS



MY COMMISSION EXPIRES 4-16-25



SP2023-012: Site Plan for Terraces

Feet-16

0 385 770 1,540 2,310 3,080

SF-10

AG

PD-91

PD-88

PD-5

FM 1141 1141

SFE-4

GR

PD-93

GR

PD-85

66

AG

LI
C
SF-7

SF-1 AG

PD-71

SF-1

PD-98

SFE-4

LI

LI

SIOUX HARBOR BLVD

PD-59

PD-87

C

SF-10

PD-81

LI

Case Location Map =

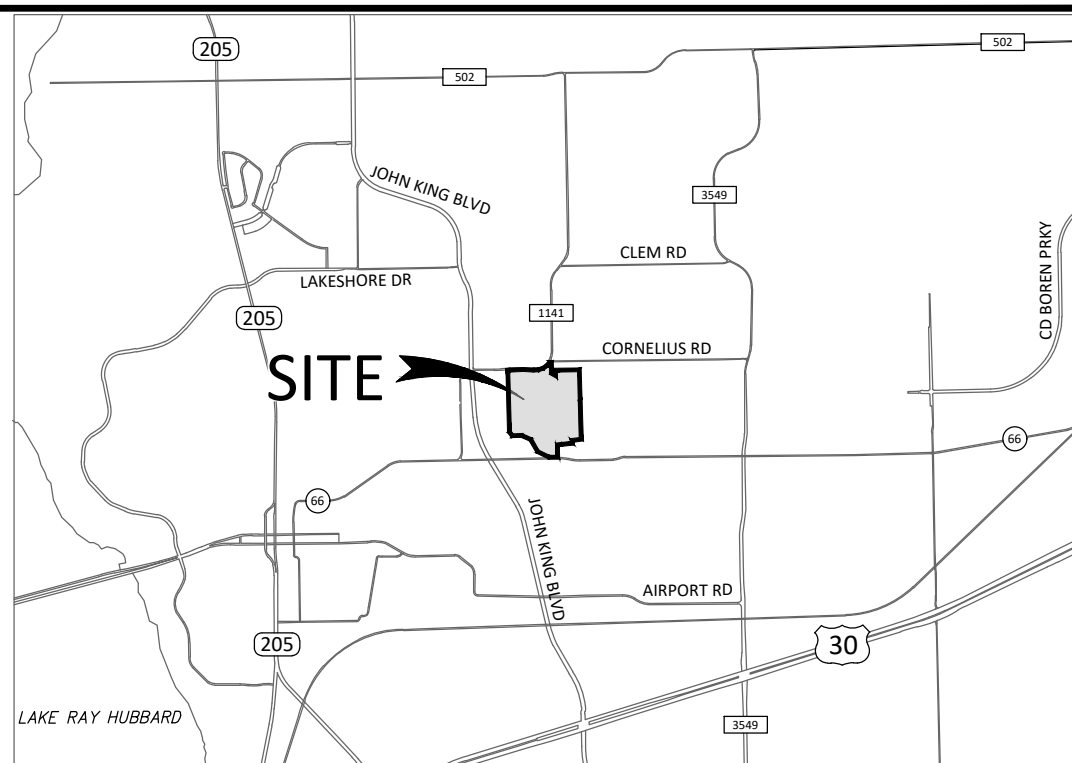
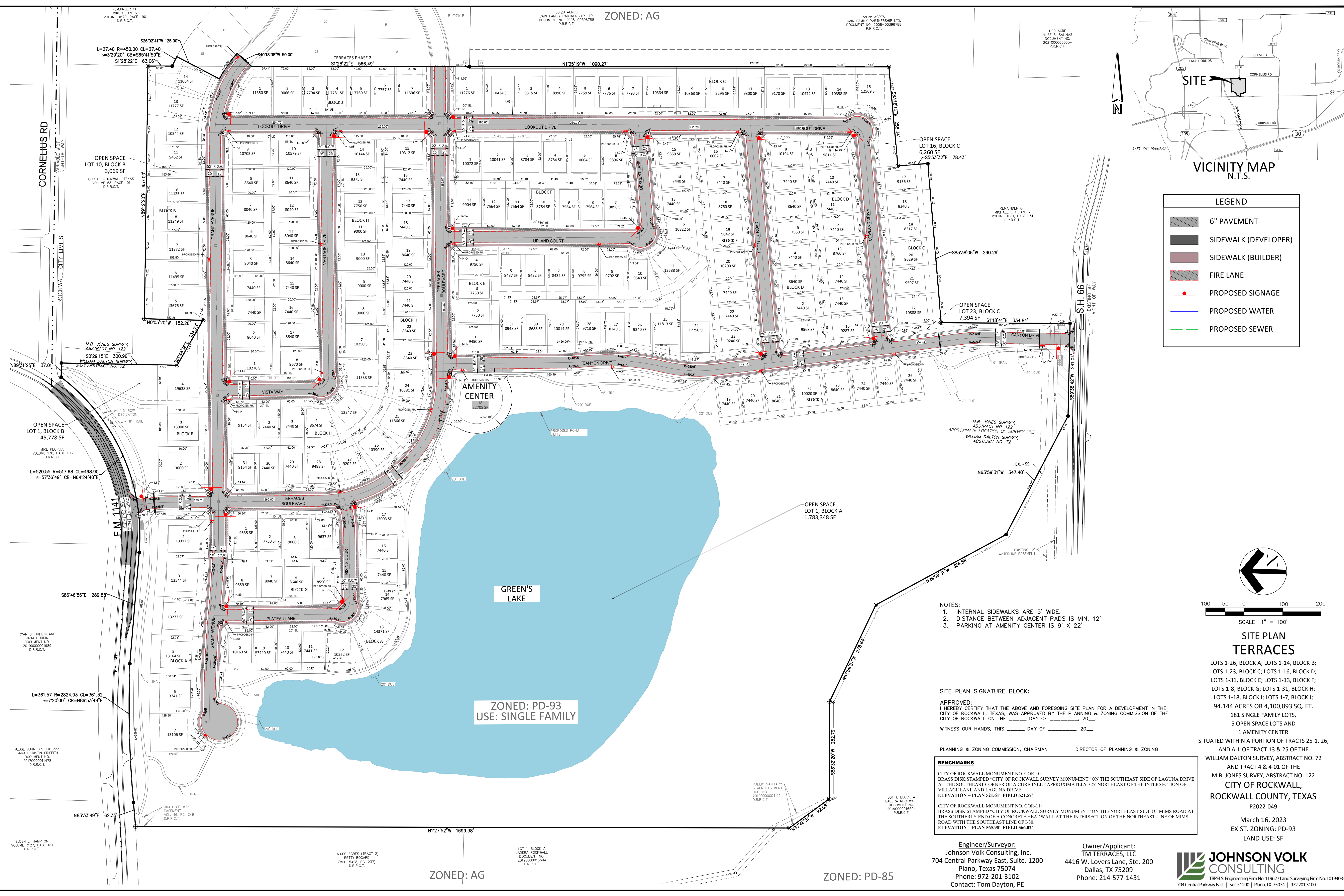


City of Rockwall

Planning & Zoning Department
 385 S. Goliad Street
 Rockwall, Texas 75087
 (P): (972) 771-7745
 (W): www.rockwall.com

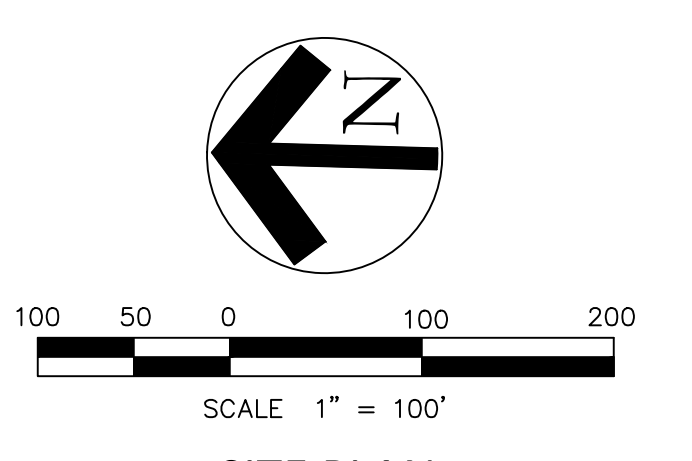
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LEGEND

- 6" PAVEMENT
- SIDEWALK (DEVELOPER)
- SIDEWALK (BUILDER)
- FIRE LANE
- PROPOSED SIGNAGE
- PROPOSED WATER
- PROPOSED SEWER



- NOTES:**
- INTERNAL SIDEWALKS ARE 5' WIDE.
 - DISTANCE BETWEEN ADJACENT PADS IS MIN. 12'
 - PARKING AT AMENITY CENTER IS 9' X 22'

SITE PLAN SIGNATURE BLOCK:

APPROVED: I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE ____ DAY OF ____ 20__

WITNESS OUR HANDS, THIS ____ DAY OF ____ 20__

PLANNING & ZONING COMMISSION, CHAIRMAN _____ DIRECTOR OF PLANNING & ZONING _____

BENCHMARKS

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

CITY OF ROCKWALL MONUMENT NO. COR-11: BRASS DISK STAMPED "CITY OF ROCKWALL SURVEY MONUMENT" ON THE NORTHEAST SIDE OF MIMS ROAD AT THE SOUTHERLY END OF A CONCRETE HEADWALL AT THE INTERSECTION OF THE NORTHEAST LINE OF MIMS ROAD WITH THE SOUTHEAST LINE OF I-59. ELEVATION = PLAN 565.98' FIELD 566.02'

Engineer/Surveyor:
 Johnson Volk Consulting, Inc.
 704 Central Parkway East, Suite. 1200
 Plano, Texas 75074
 Phone: 972-201-3102
 Contact: Tom Dayton, PE

Owner/Applicant:
 TM TERRACES, LLC
 4416 W. Lovers Lane, Ste. 200
 Dallas, TX 75209
 Phone: 214-577-1431

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

ZONED: AG

ZONED: PD-93
USE: SINGLE FAMILY

ZONED: AG

ZONED: PD-85

REMAINDER OF MIKE PEOPLES VOLUME 1679, PAGE 190 D.R.R.C.T.

REMAINDER OF MICHAEL L. PEOPLES VOLUME 1081, PAGE 151 D.R.R.C.T.

REMAINDER OF M.B. JONES SURVEY, ABSTRACT NO. 122 WILLIAM DALTON SURVEY, ABSTRACT NO. 72

RYAN S. HUDDIN AND JADA HUDDIN DOCUMENT NO. 2019000001989 D.R.R.C.T.

JESSE JOHN GRIFFITH and SARAH KRISTIN GRIFFITH DOCUMENT NO. 20170000011478 D.R.R.C.T.

ELDEN L. HAMPTON VOLUME 3127, PAGE 161 D.R.R.C.T.

16.000 ACRES (TRACT 2) BETTY BOSGARD (VOL. 5428, PG. 237) D.R.R.C.T.

LOT 1, BLOCK A LADERA ROCKWALL DOCUMENT NO. 20190000016594 P.R.R.C.T.

LOT 1, BLOCK A CITY OF ROCKWALL SURVEY MONUMENT ON THE SOUTHEAST SIDE OF LAGUNA DRIVE AT THE SOUTHEAST CORNER OF A CURB INLET APPROXIMATELY 325' NORTHEAST OF THE INTERSECTION OF VILLAGE LANE AND LAGUNA DRIVE. ELEVATION = PLAN 521.61' FIELD 521.57'

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82.28 ACRES CAIN FAMILY PARTNERSHIP LTD. DOCUMENT NO. 2008-00396788 P.R.R.C.T.

58.28 ACRES CAIN FAMILY PARTNERSHIP LTD. DOCUMENT NO. 2008-00396788 P.R.R.C.T.

1.00 ACRE HILSE S. SALINAS DOCUMENT NO. 20210000000454 P.R.R.C.T.

OPEN SPACE LOT 10, BLOCK B 3,069 SF

OPEN SPACE LOT 1, BLOCK B 45,778 SF

OPEN SPACE LOT 1, BLOCK A 1,783,348 SF

OPEN SPACE LOT 16, BLOCK C 6,260 SF

OPEN SPACE LOT 23, BLOCK C 7,394 SF

AMENITY CENTER 22,705 SF

GREEN'S LAKE

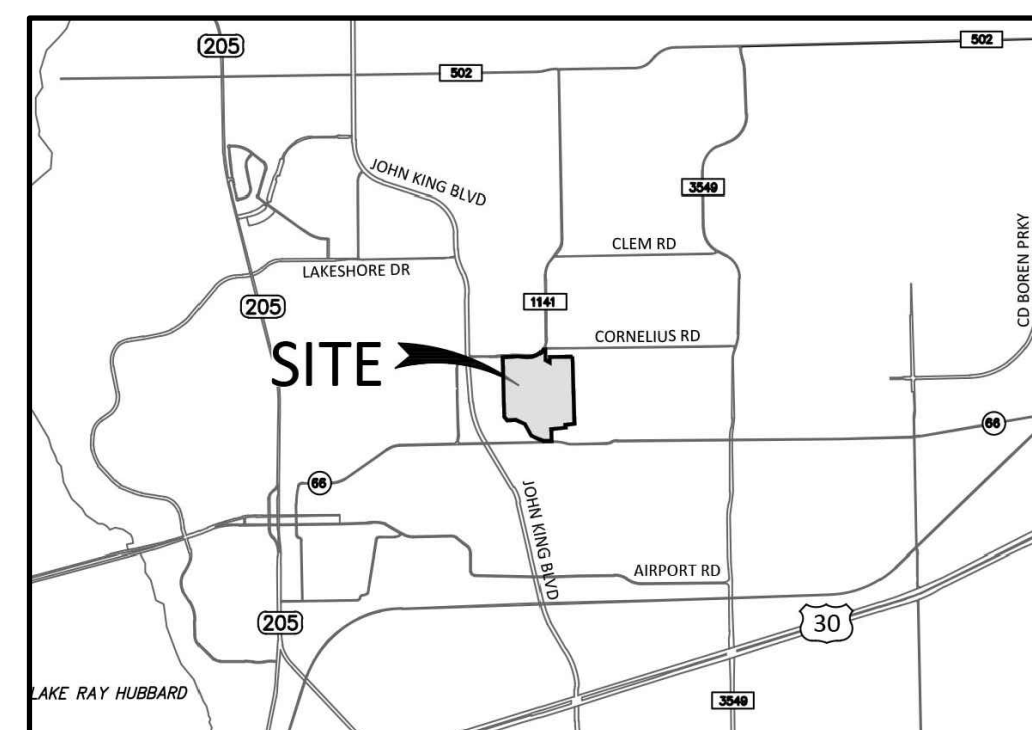
GENERAL CONSTRUCTION NOTES

- 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 WITH THE PLANS INCLUDING ALL NOTES, STANDARD SPECIFICATIONS, DETAILS, AND CITY STANDARDS.
- 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.
- CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 48 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO BEGINNING ANY CONSTRUCTION.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 TO 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.
- 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.
- 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.
- 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 TRAFFIC DIVISION.
- 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.
- 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.
- UNUSABLE EXCAVATED MATERIAL, OR CONSTRUCTION DEBRIS SHALL BE REMOVED AND DISPOSED OF OFF-SITE AT AN APPROVED DISPOSAL FACILITY BY THE CONTRACTOR AT HIS EXPENSE.
- 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.
- 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.
- 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.
- 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

~TERRACES~
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

SUBMITTAL DATE: March 10, 2023



LOCATION MAP
NOT TO SCALE

SHEET INDEX	
HS1	OVERALL LAYOUT PLAN
HS2-HS10	HARDSCAPE PLANS
HS11-HS13	HARDSCAPE DETAILS
EX1	ENTRY LIGHTING EXHIBIT
L1-L9	LANDSCAPE PLANS
L110-L10	LANDSCAPE DETAILS

OWNER / DEVELOPER:

TM TERRACES, LLC
4416 W. LOVERS LANE
SUITE 200
DALLAS, TEXAS 75209
PH. 214-577-1431

CIVIL ENGINEER:

JOHNSON VOLK CONSULTING
704 CENTRAL PARKWAY
EAST, SUITE 1200
PLANO, TEXAS 75074
PH. 972-201-3100

LANDSCAPE ARCHITECT:

JOHNSON VOLK CONSULTING
704 CENTRAL PARKWAY EAST, SUITE 1200
PLANO, TEXAS 75074
PH. 972-201-3100
CONTACT: CODY JOHNSON, RLA, ASLA, LI

GENERAL LANDSCAPE NOTES:

INSPECTIONS:

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

LANDSCAPE STANDARDS:

- PLANTINGS AND LANDSCAPE ELEMENTS SHALL COMPLY WITH THE CITY'S ENGINEERING DESIGN STANDARDS, PUBLIC R.O.W. VISIBILITY REQUIREMENTS, UNLESS OTHERWISE SPECIFIED. TREES SHALL BE PLANTED NO LESS THAN 4' FROM CURBS, SIDEWALKS, UTILITY LINES, SCREENING WALLS AND OTHER STRUCTURES. THE CITY HAS FINAL APPROVAL FOR ALL TREE PLACEMENTS.
- A MINIMUM THREE FEET (3') RADIUS AROUND A FIRE HYDRANT MUST REMAIN CLEAR OF LANDSCAPE PURSUANT TO THE FIRE CODE.
- STREET TREES, WHERE REQUIRED, SHALL BE (10') MINIMUM FROM THE EDGE OF A STORM SEWER CURB INLET BOX AND THE EDGE OF THE ROOT BALL SHALL BE (4') MINIMUM FROM THE WATER METER.
- THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2014) SPECIFICATIONS SHALL GOVERN PLANT QUALIFICATIONS, GRADES, AND STANDARDS.
- TREE PLANTING SHALL COMPLY WITH DETAILS HEREIN AND THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) STANDARDS.
- A 2-3" LAYER OF MULCH SHALL BE PROVIDED AROUND THE BASE OF THE PLANTED TREE. THE MULCH SHALL BE PULLED BACK 4" FROM THE TRUNK OF THE TREE.
- TREE PITS SHALL BE TESTED FOR WATER PERCOLATION. IF WATER DOES NOT DRAIN OUT OF TREE PIT WITHIN 24-HOURS, THE TREE SHALL BE MOVED OR DRAINAGE SHALL BE PROVIDED.
- ALL BEDS TO HAVE 3" OF COMPOSTED SOIL, LIVING EARTH TECHNOLOGY, OR APPROVED EQUAL FILLED AND TURNED TO A DEPTH OF 8" MINIMUM.
- ALL PLANT BEDS SHALL BE TOP-DRESSED WITH A MINIMUM OF 3 INCHES OF HARDWOOD MULCH.
- NATIVE SITE TOPSOIL IS TO BE PROTECTED FROM EROSION OR STOCKPILED. NATIVE SITE TOPSOIL SHALL BE LABORATORY TESTED BY AND ACCREDITED LABORATORY AND AMENDED PER SAID LABORATORY'S RECOMMENDATIONS.

IRRIGATION STANDARDS:

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

MAINTENANCE STANDARDS:

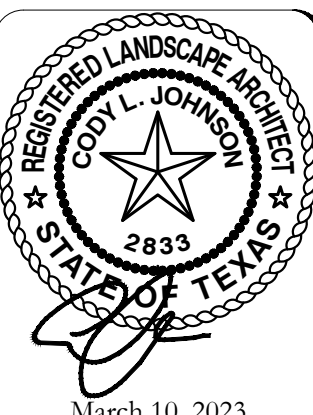
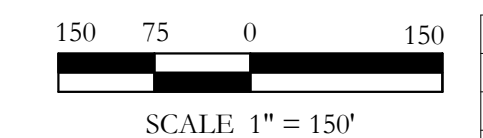
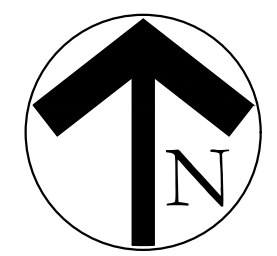
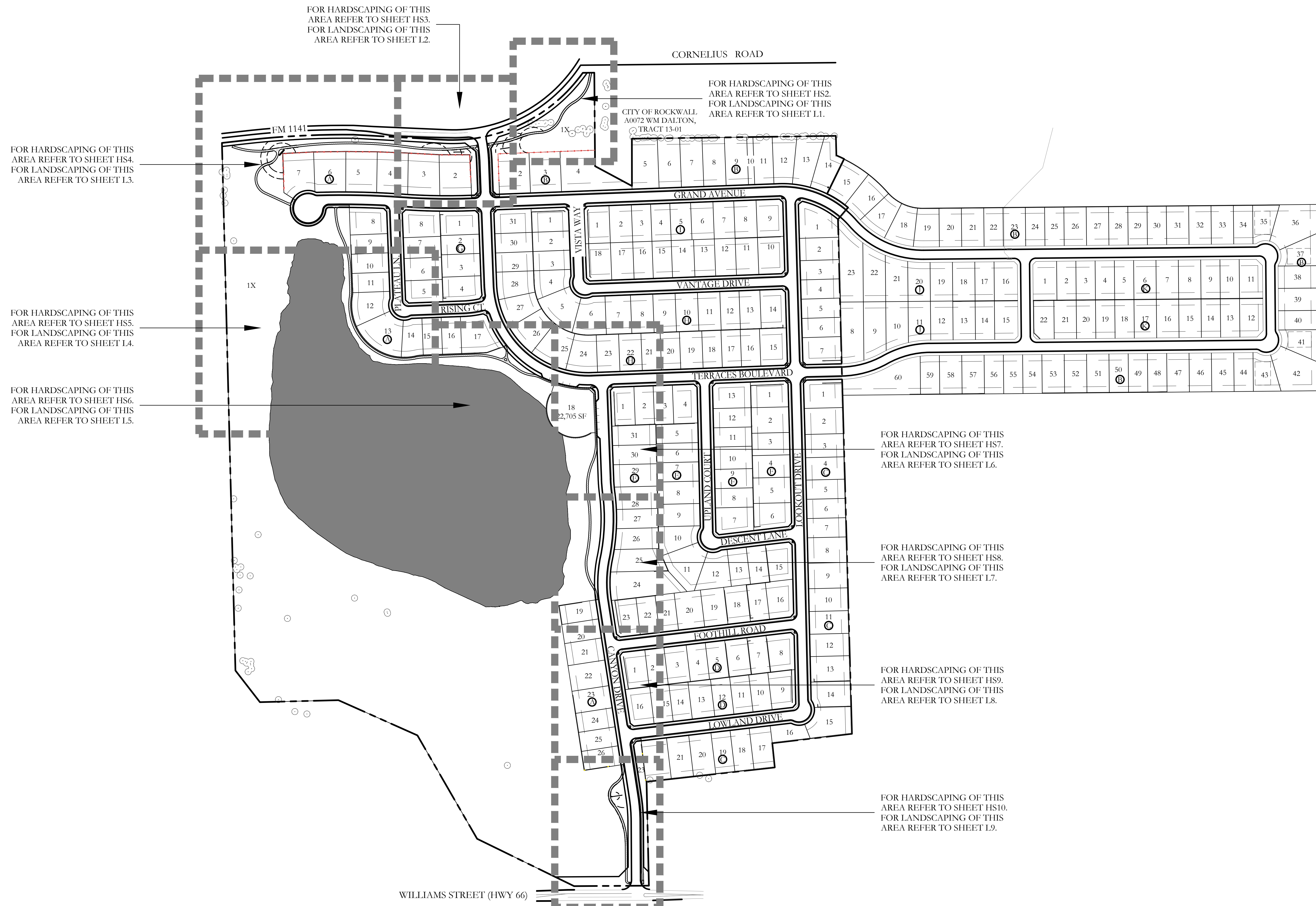
- THE OWNER SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, AND VIGOR OF PLANT MATERIAL IN ACCORDANCE WITH THE DESIGN INTENT AND AS APPROPRIATE FOR THE SEASON OF THE YEAR.
- LANDSCAPE AND OPEN AREAS SHALL BE FREE OF TRASH, LITTER AND WEEDS.
- NO PLANT MATERIAL SHALL BE ALLOWED TO ENCROACH ON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

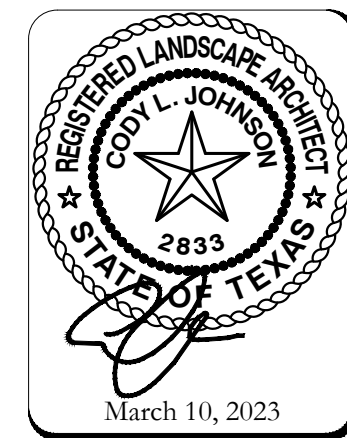
TREE PROTECTION NOTES:

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



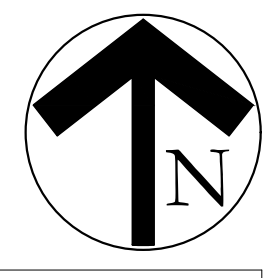
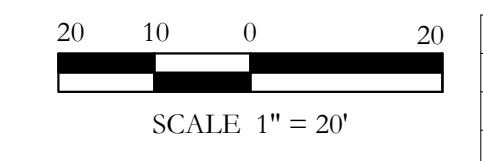
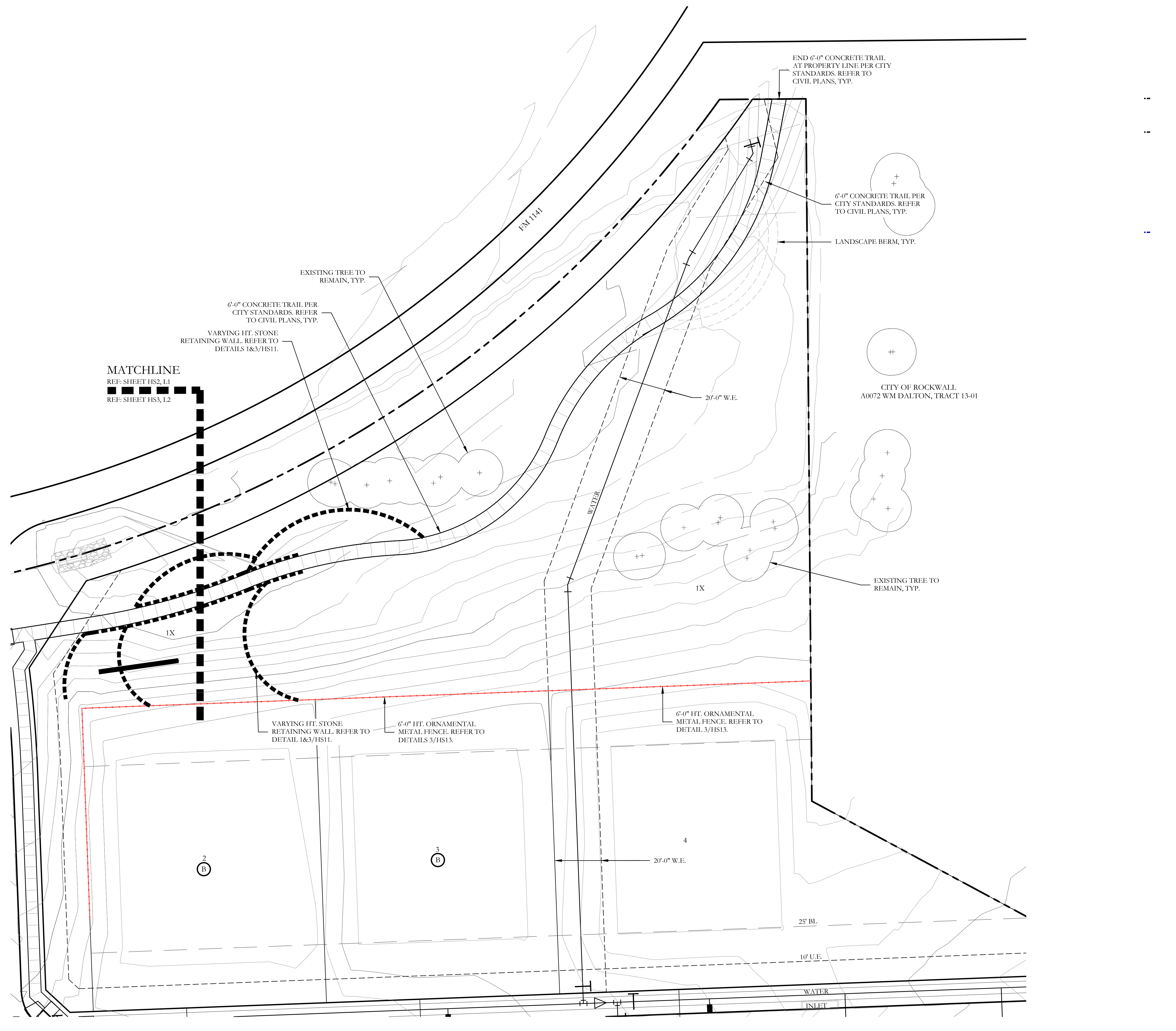
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HARDSCAPE LEGEND	
	MAIN ENTRY SIGN WALL. REFER TO DETAIL SHEET H1.1.
	8'-0" HT. STONE LOGO WALL. REFER TO DETAILS 1,2&3/HS12.
	8'-6" HT. STONE LOGO COLUMN ATOP OF RETAINING WALL. REFER TO DETAILS 4&5/HS12.
	8'-0" HT. BOARD ON BOARD WOOD FENCE. REFER TO DETAIL 1&2/HS13.
	VARYING HT. STONE RETAINING WALL. REFER TO DETAIL 3/HS11.
	6'-0" HT. ORNAMENTAL METAL FENCE. REFER TO DETAIL 3/HS13.
	6'-0" HT. ORNAMENTAL METAL FENCE ATOP OF RETAINING WALL. REFER TO DETAIL 3&4/HS13.
	42" HT. ORNAMENTAL METAL HANDRAIL. REFER TO DETAIL 1/HS6.

NOTE:
 REFER TO CIVIL ENGINEERING PLANS PREPARED BY OTHERS FOR SIDEWALK LAYOUT AND CONSTRUCTION DETAILS.



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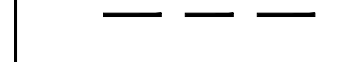



MATCHLINE

REF: SHEET HS3, L2
REF: SHEET HS4, L3

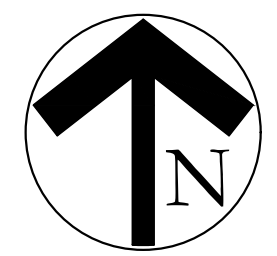
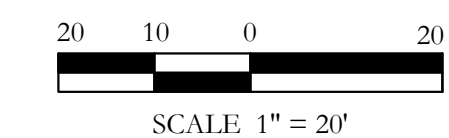
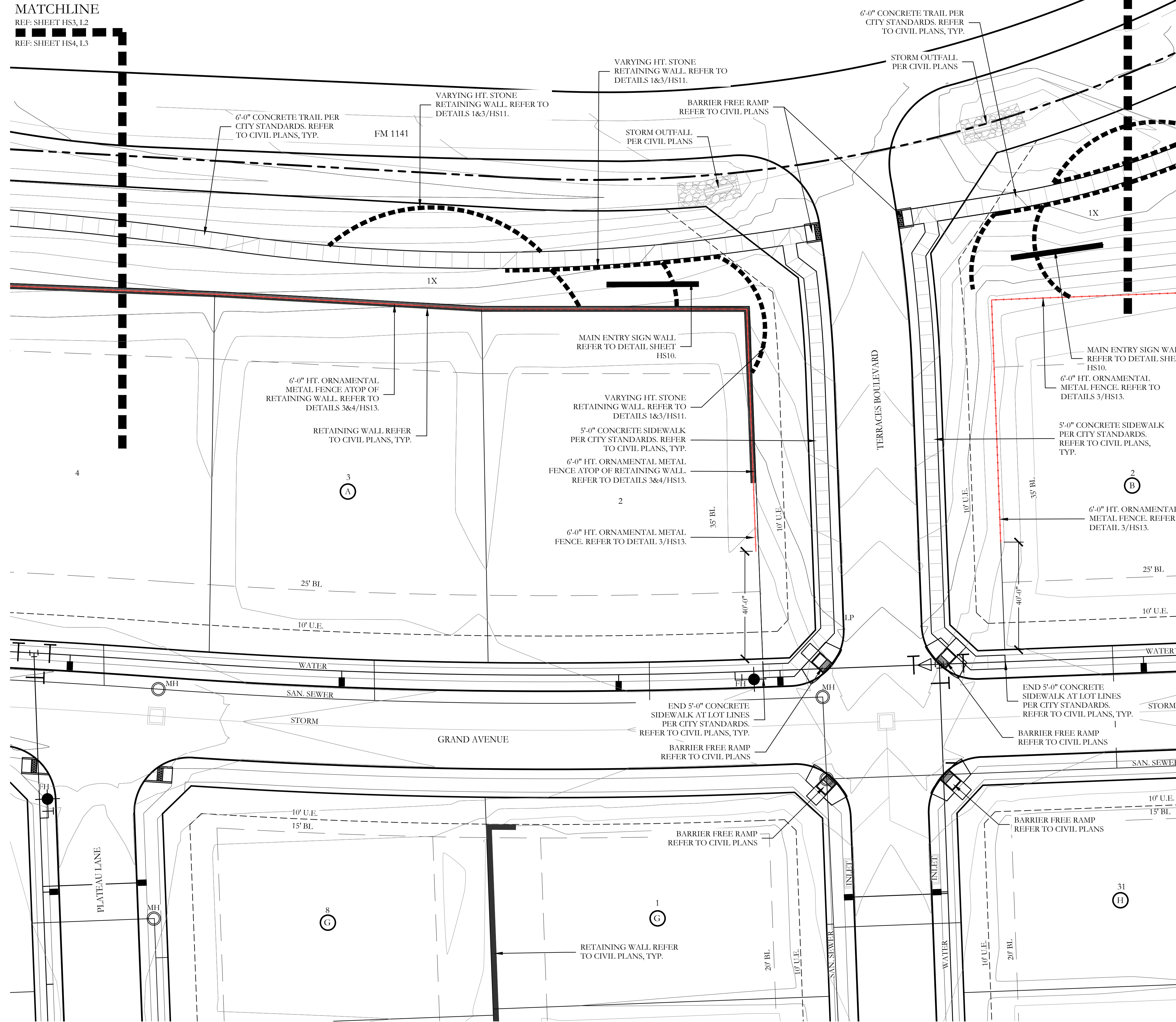
MATCHLINE

REF: SHEET HS2, L1
REF: SHEET HS3, L2

HARDSCAPE LEGEND

-  MAIN ENTRY SIGN WALL. REFER TO DETAIL SHEET HS11.
-  8'-0" HT. STONE LOGO WALL. REFER TO DETAILS 1,2&3/HS12.
-  8'-6" HT. STONE LOGO COLUMN ATOP OF RETAINING WALL. REFER TO DETAILS 4&5/HS12.
-  5'-0" HT. BOARD ON BOARD WOOD FENCE. REFER TO DETAIL 1&2/HS13.
-  VARYING HT. STONE RETAINING WALL. REFER TO DETAIL 3/HS11.
-  6'-0" HT. ORNAMENTAL METAL FENCE. REFER TO DETAIL 3/HS13.
-  6'-0" HT. ORNAMENTAL METAL FENCE ATOP OF RETAINING WALL. REFER TO DETAIL 3&4/HS13.
-  42" HT. ORNAMENTAL METAL HANDRAIL. REFER TO DETAIL 1/HS6.

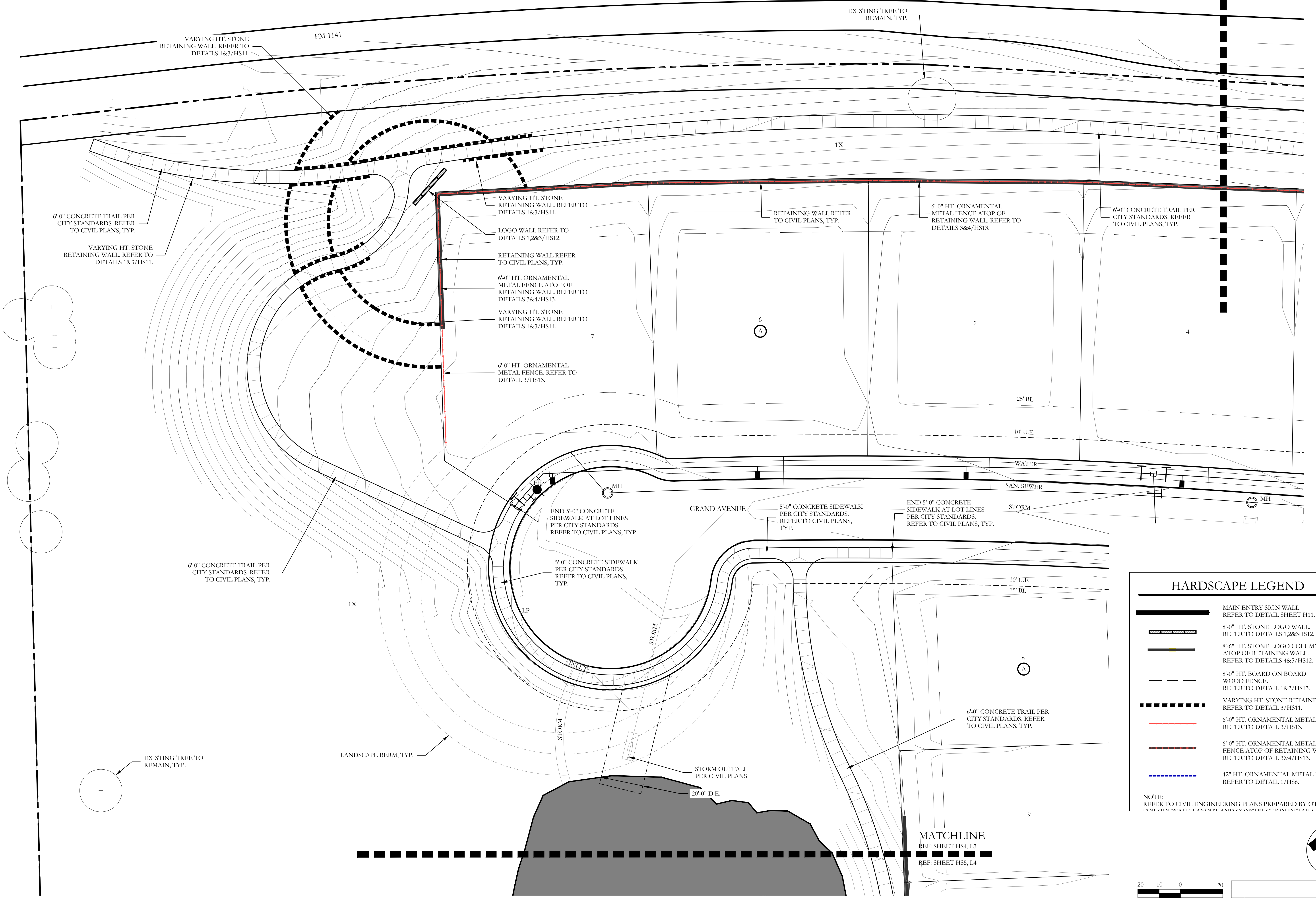
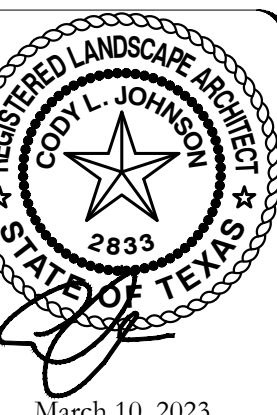
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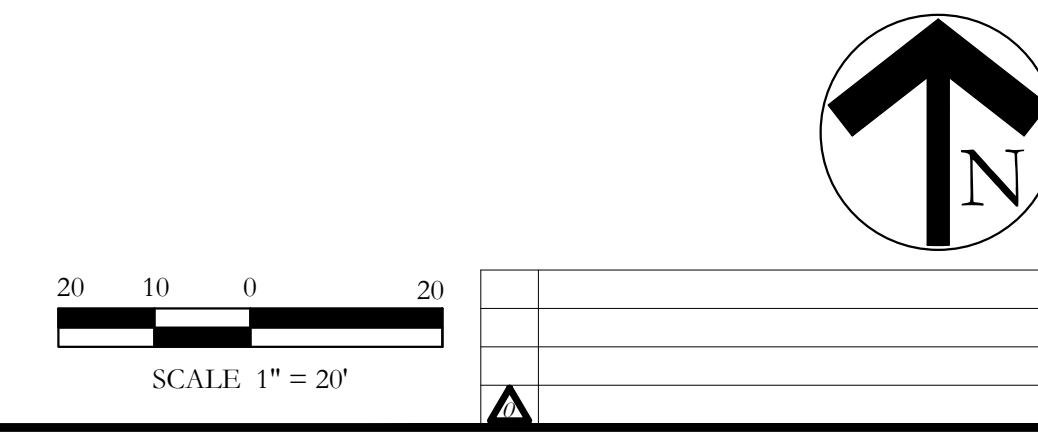
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MATCHLINE
REF: SHEET HS3, L2
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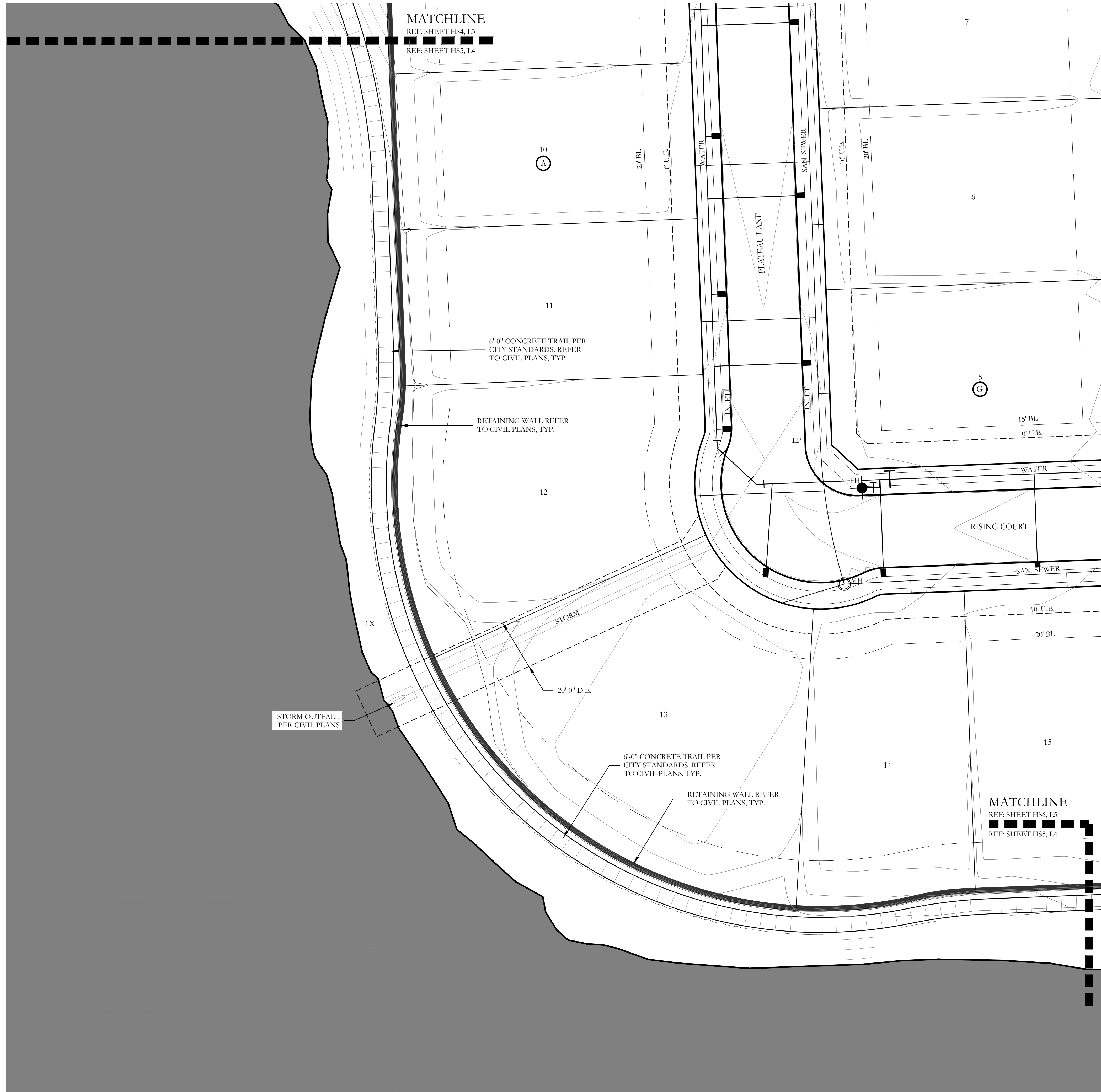
HARDSCAPE LEGEND	
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	8'-0" HT. STONE LOGO WALL. REFER TO DETAILS 1,2&3/HS12.
	8'-6" HT. STONE LOGO COLUMN ATOP OF RETAINING WALL. REFER TO DETAILS 4&5/HS12.
	8'-0" HT. BOARD ON BOARD WOOD FENCE. REFER TO DETAIL 1&2/HS13.
	VARYING HT. STONE RETAINING WALL. REFER TO DETAIL 3/HS11.
	6'-0" HT. ORNAMENTAL METAL FENCE. REFER TO DETAIL 3/HS13.
	6'-0" HT. ORNAMENTAL METAL FENCE ATOP OF RETAINING WALL. REFER TO DETAIL 3&4/HS13.
	42" HT. ORNAMENTAL METAL HANDRAIL. REFER TO DETAIL 1/HS6.

NOTE:
REFER TO CIVIL ENGINEERING PLANS PREPARED BY OTHERS FOR GENERAL UTILITIES AND CONSTRUCTION DETAILS.



MATCHLINE
REF: SHEET HS4, L3
REF: SHEET HS5, L4

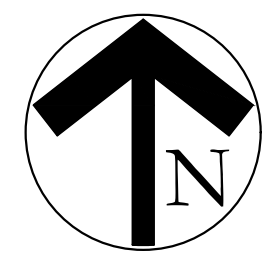
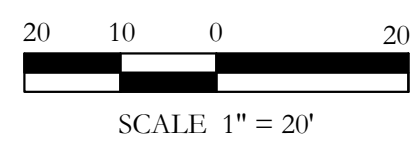
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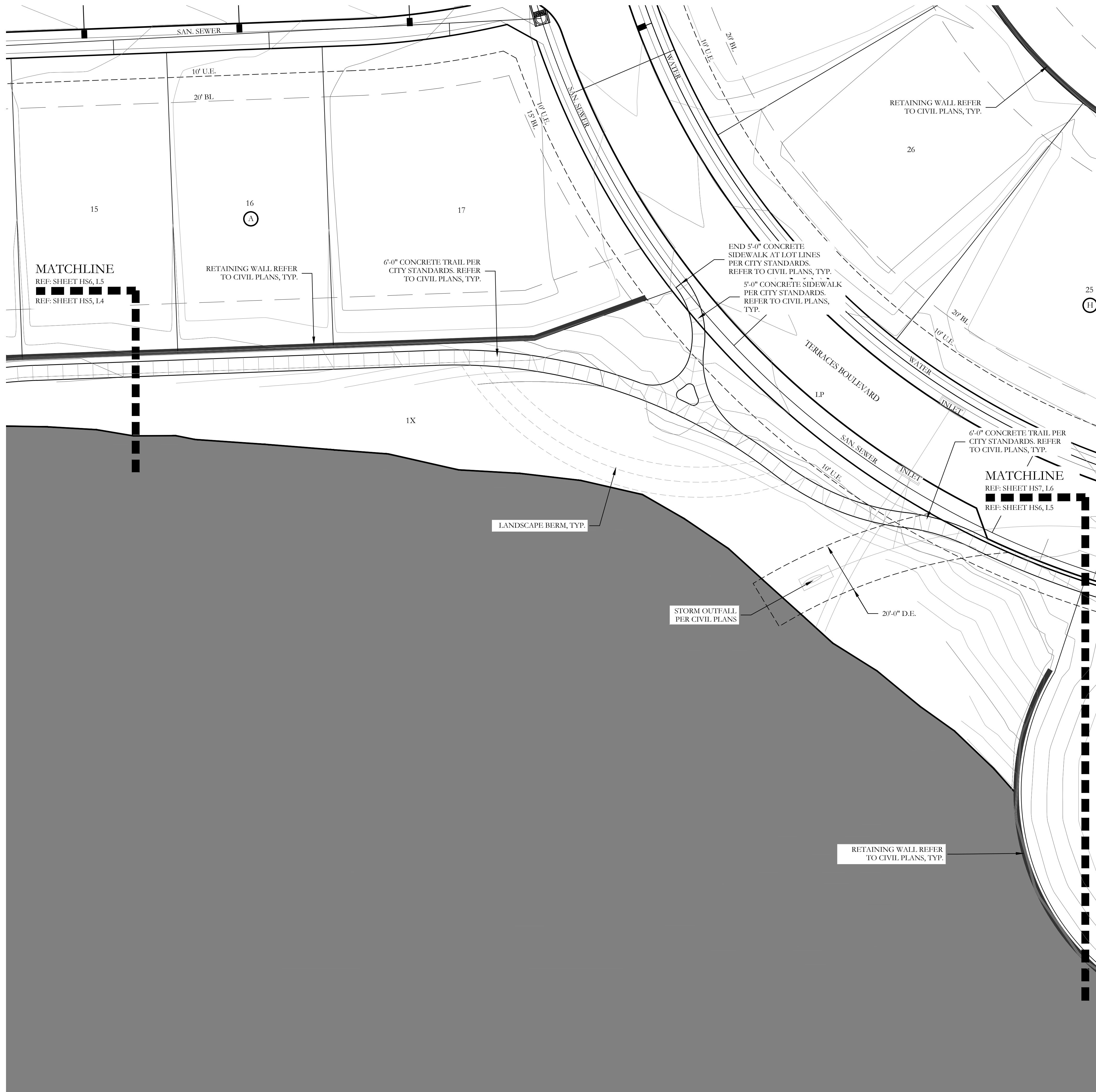


HARDSCAPE LEGEND

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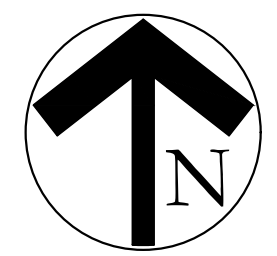
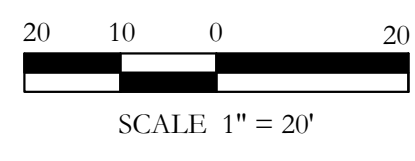
NOTE:
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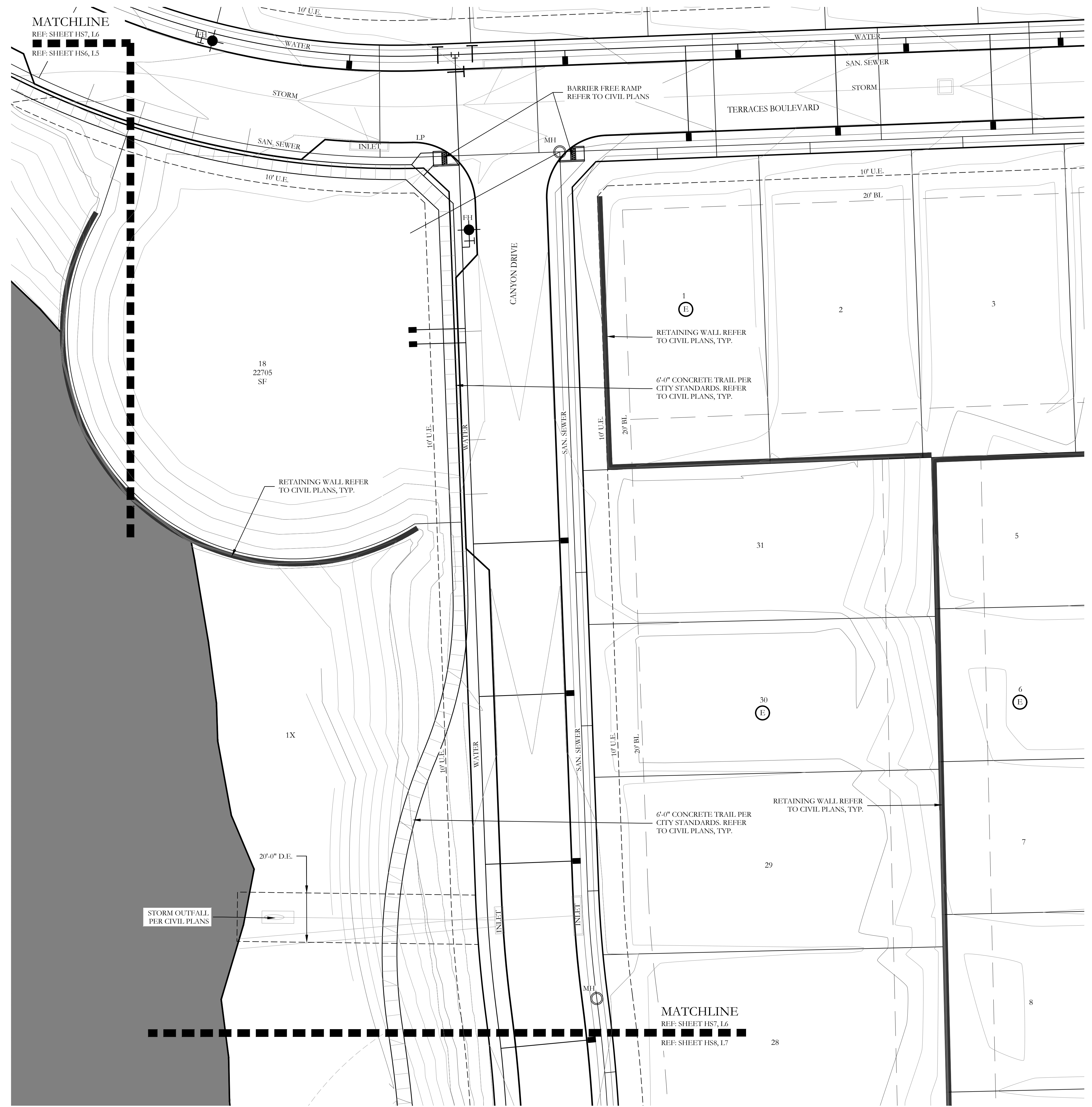
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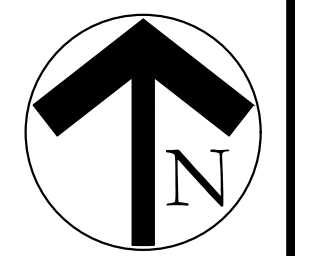
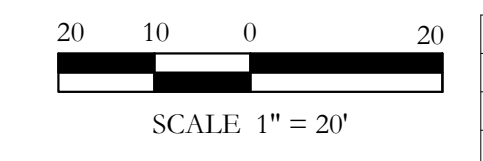
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HARDSCAPE LEGEND

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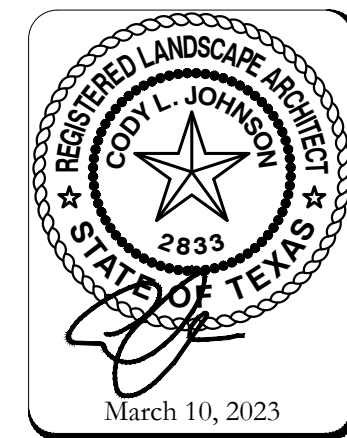


**JOHNSON VOLK
CONSULTING**

TBPELS: Engineering Firm No. 11962 / Land Surveying Firm No. 10194033
204 Central Parkway East | Suite 1200 | Plano, TX 75074 | 972.201.3100

TERRACES
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

SCREENING AND BUFFERING
HARDSCAPE PLANS



SCALE: 1" = 20'
One Inch
JVC No 2215

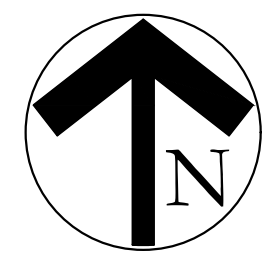
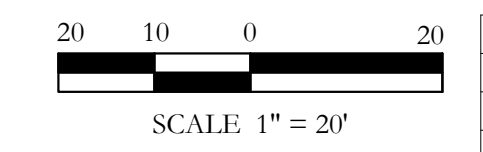
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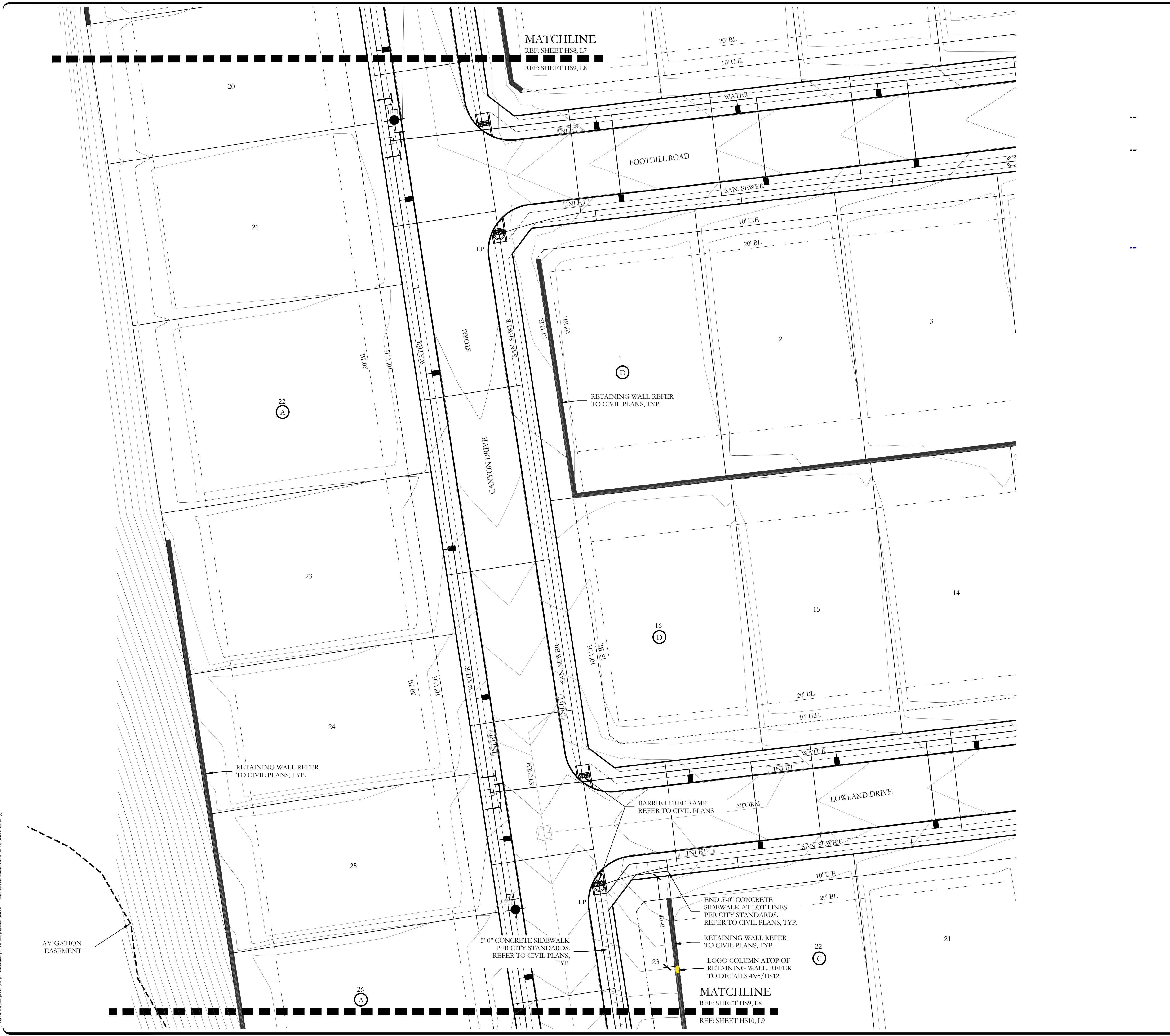


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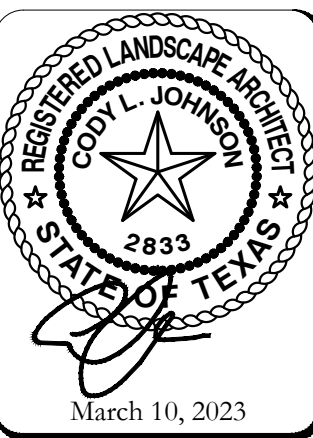
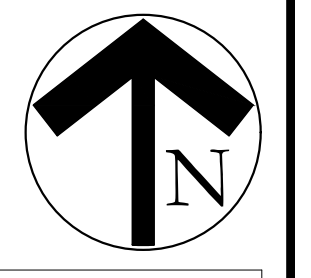
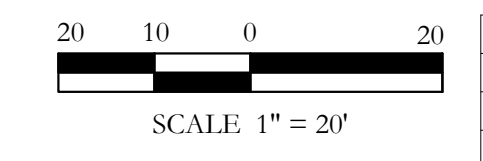




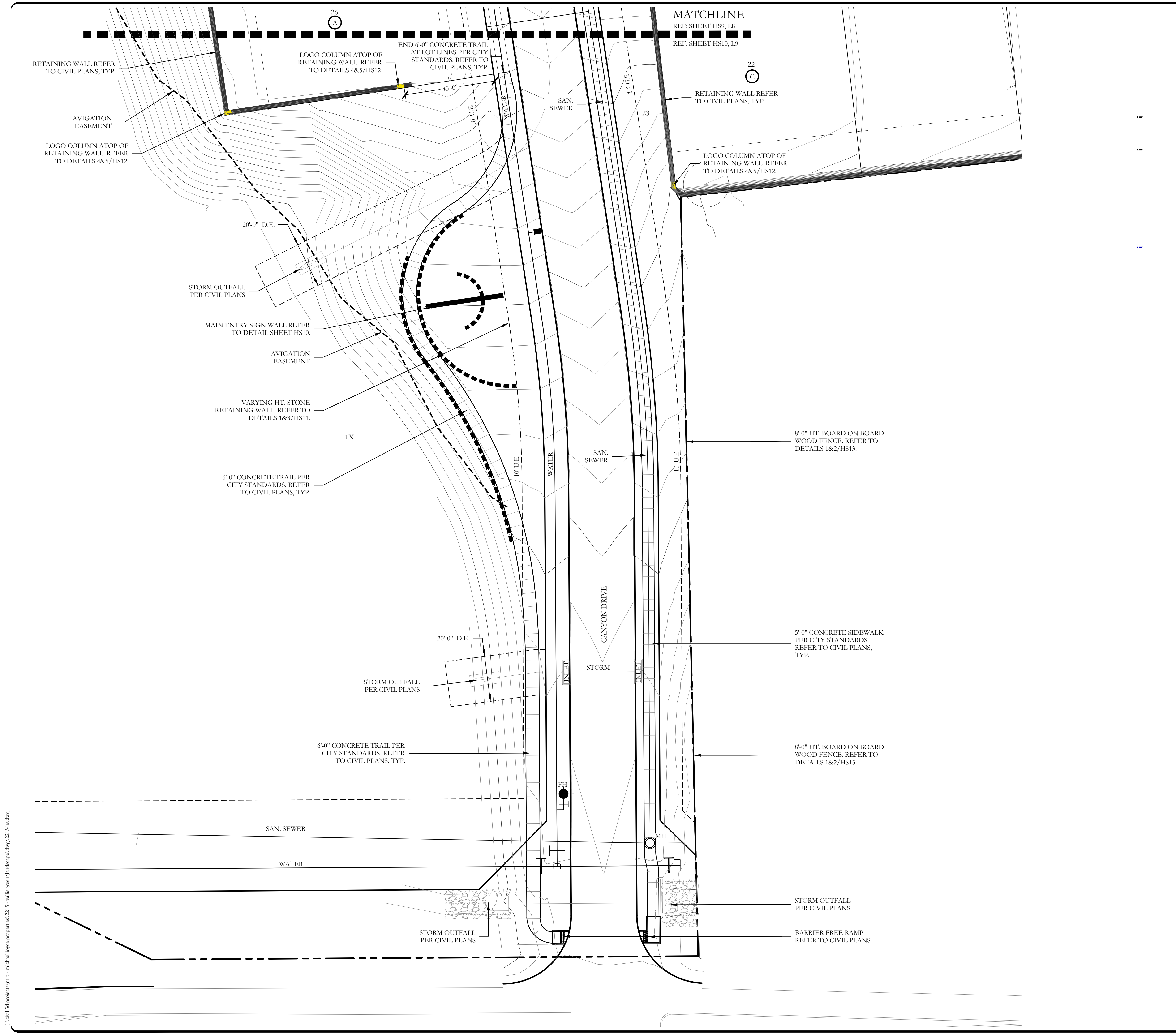
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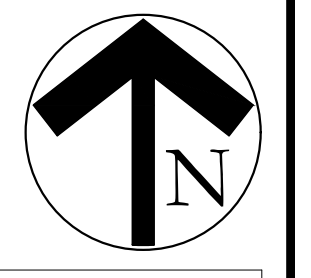
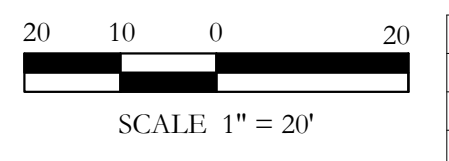
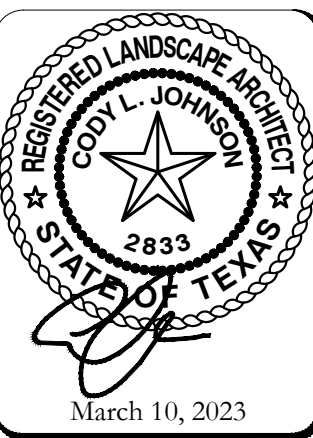
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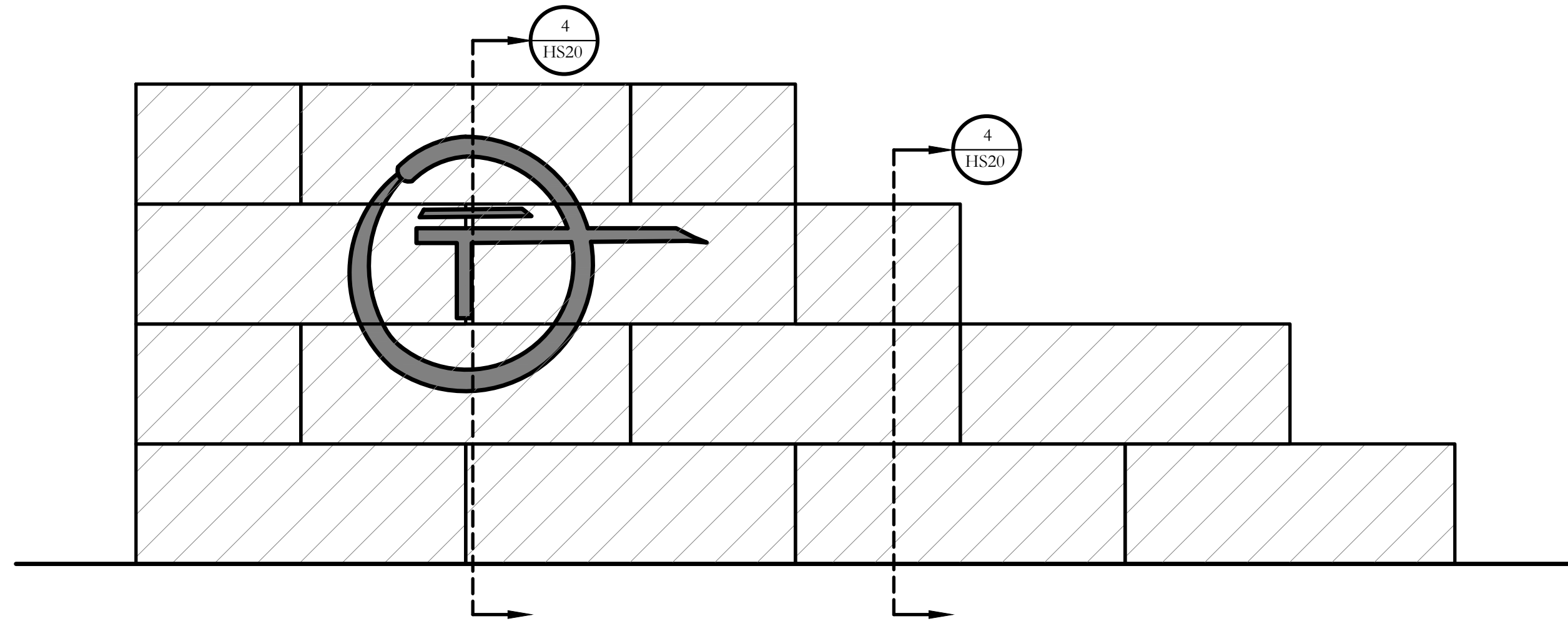
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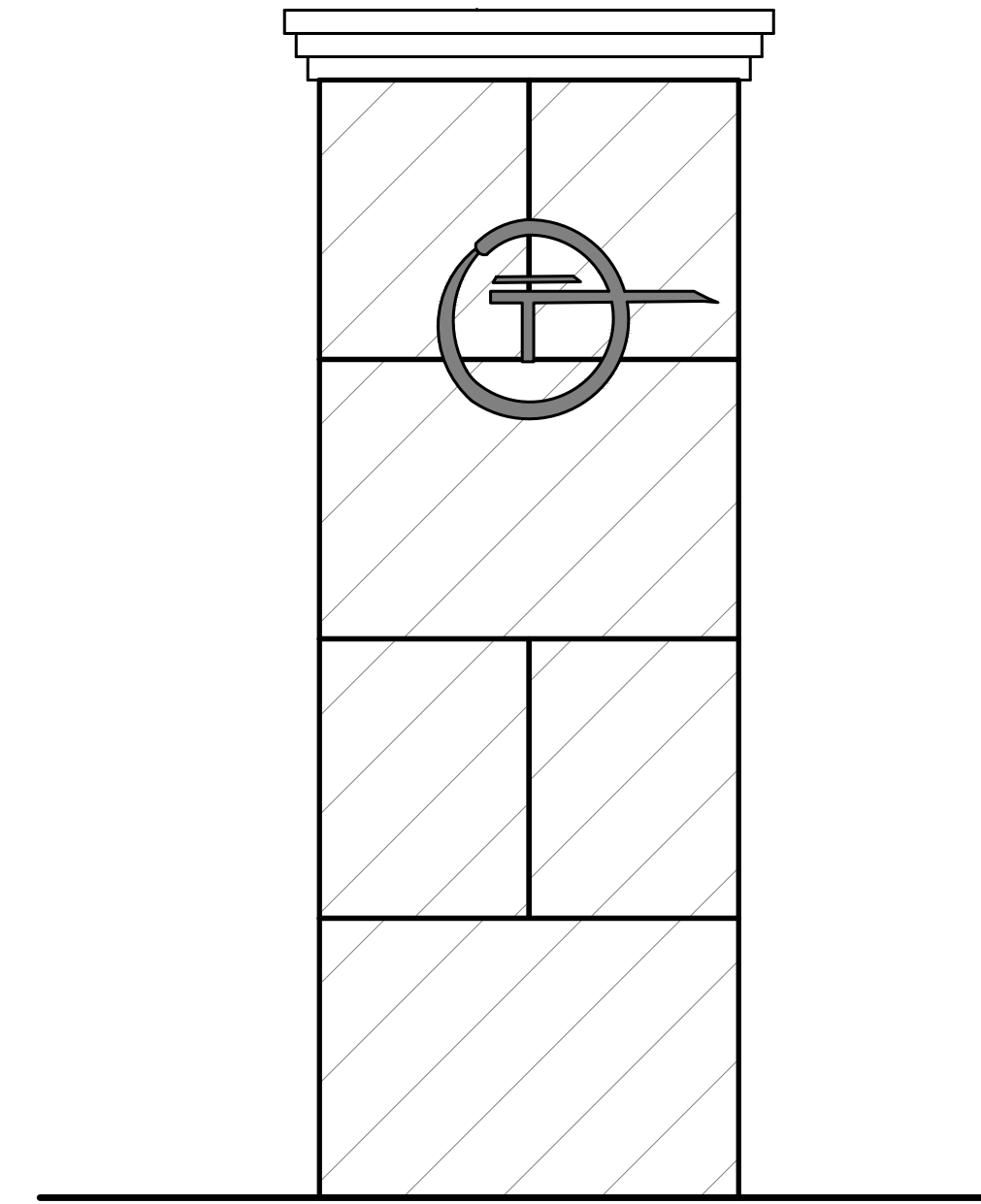
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1 LOGO WALL
ELEVATION
SCALE: 1/2" = 1'-0"

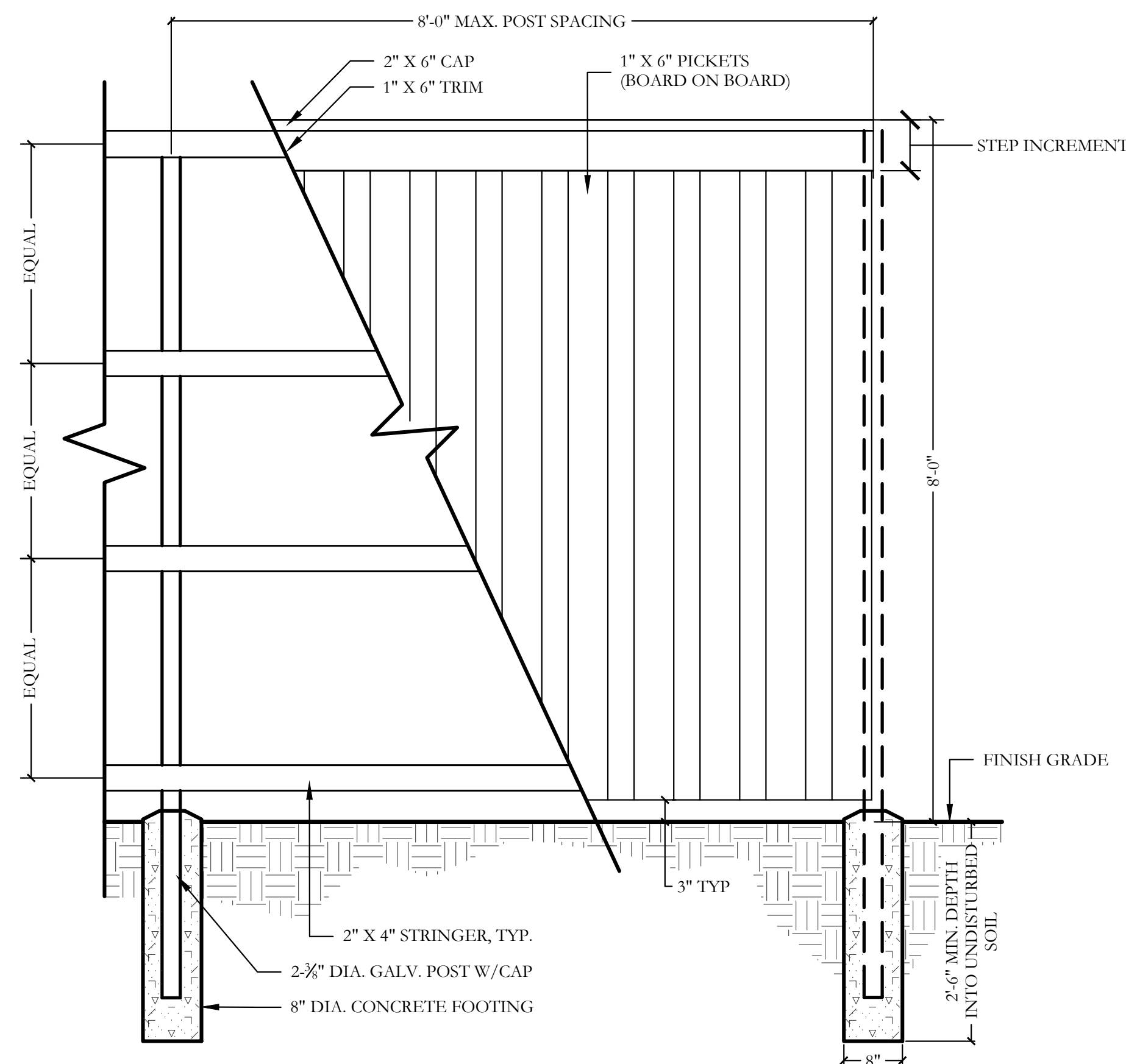


4 LOGO COLUMN ATOP OF RETAINING WALL
ELEVATION
SCALE: 3/4" = 1'-0"

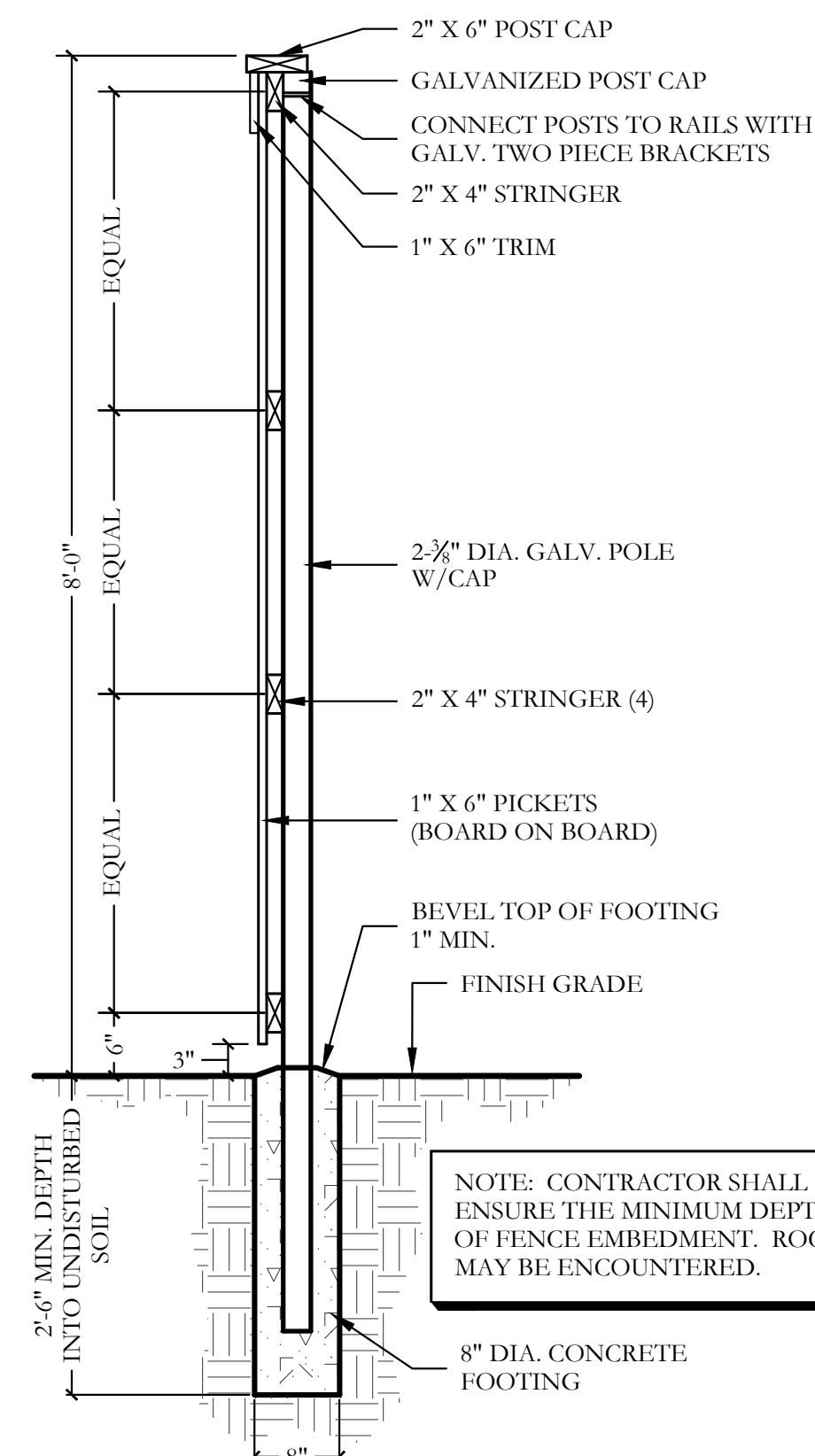
5 LOGO COLUMN ATOP OF RETAINING WALL
SECTION
SCALE: 3/4" = 1'-0"

2 VARYING HT. STONE LOGO WALL
ELEVATION
SCALE: 3/4" = 1'-0"

3 VARYING HT. STONE LOGO WALL
ELEVATION
SCALE: 3/4" = 1'-0"



1 PARTIAL 8'-0" HT. WOOD FENCE ELEVATION SCALE: 3/4"=1'-0"



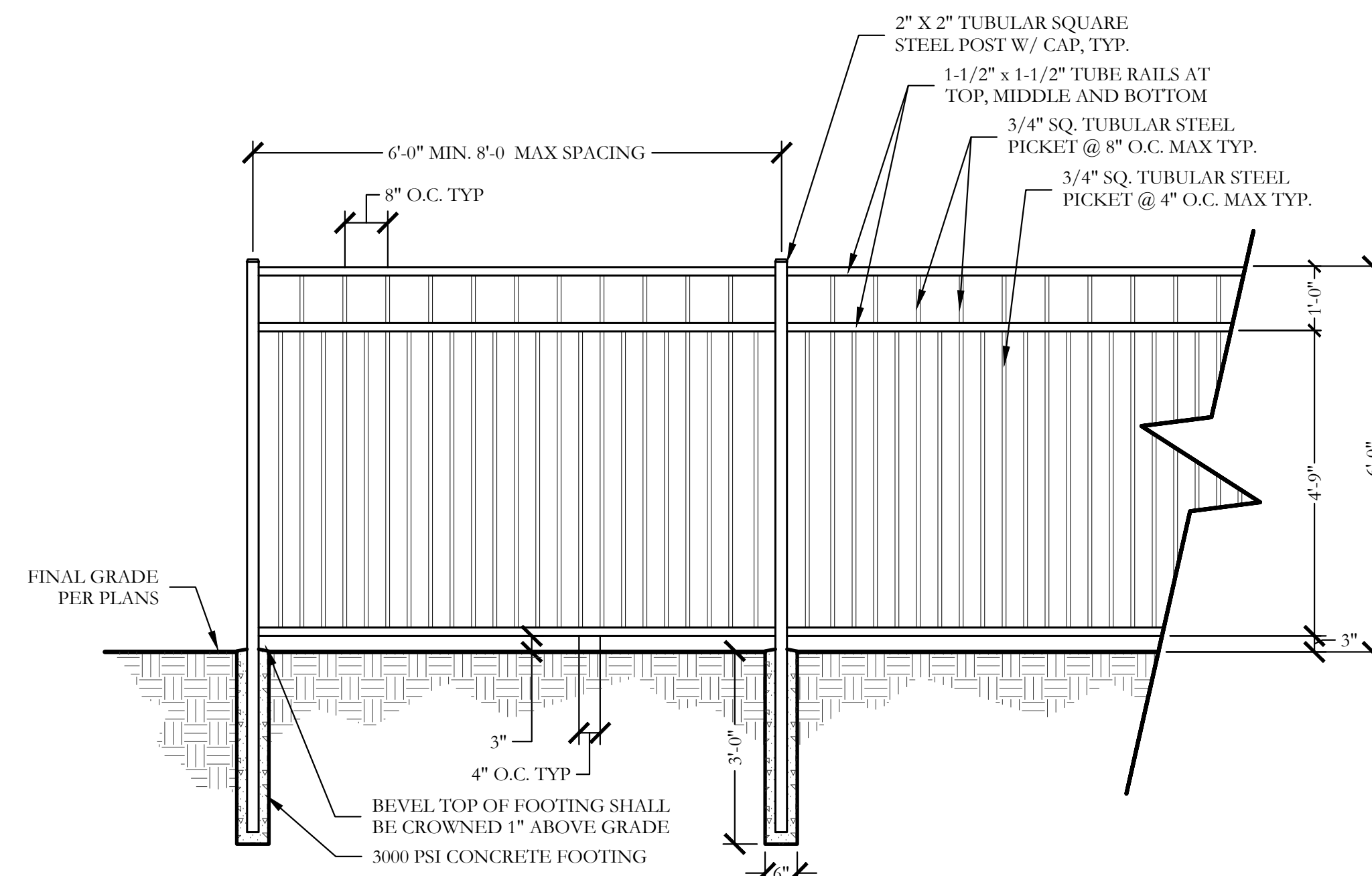
2 8'-0" HT. WOOD FENCE SECTION SCALE: 3/4"=1'-0"

WOOD FENCE NOTES

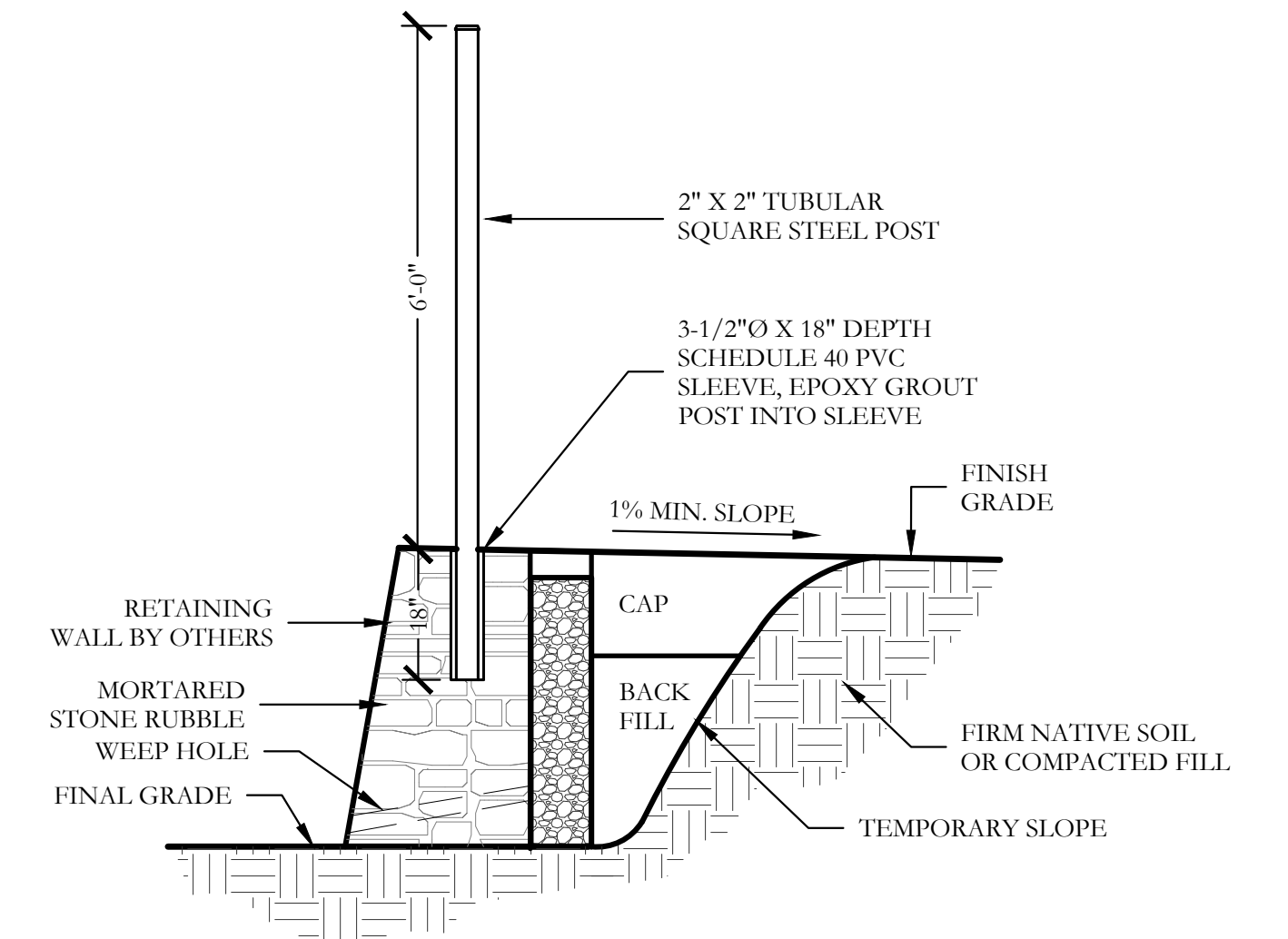
1. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES EITHER SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY COST INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES AND STRUCTURES CAUSED BY HIS FORCES. VERIFY LOCATION OF ALL UTILITIES WITH THE TOWN AND VARIOUS UTILITY COMPANIES BEFORE DRILLING PIERS.
2. ALL CONCRETE USED IN FOOTINGS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI @ 28 DAYS.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY AND REQUIRED PERMITS AND INSPECTIONS. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF ROCKWALL CODES AND REQUIREMENTS.
4. WOOD MATERIAL FOR FENCE
 - 4.1. STRINGERS- CEDAR, #2 GRADE OR BETTER.
 - 4.2. PICKETS- CEDAR, #2 GRADE OR BETTER.
 - 4.3. CAPS- CEDAR, #2 GRADE OR BETTER.
5. ALL FENCE POST TO BE SCHEDULE 40 - GALVANIZED.
6. ALL FASTENERS, NAILS, BRACKETS, STEEL POSTS, ETC. ARE TO BE HOT DIPPED GALVANIZED.
7. ALL PICKETS ARE TO BE FASTENED TO THE RAILS USING GALVANIZED SCREWS, STAPLES AND/OR NAILS WILL NOT BE ALLOWED. SCREW WITHOUT SPLITTING MEMBERS, DRILL PILOT HOLES IF NECESSARY. ALL SPLIT MEMBERS WILL BE REQUIRED TO BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
8. ACCURATELY CUT, FIT FASTEN MEMBERS, MAKE PLUMB, LEVEL, TRUE, AND RIGID. DO NOT SPLICE INDIVIDUAL FRAMING MEMBERS BETWEEN SUPPORTS. ERECT FACES OF FRAMING MEMBERS IN STRAIGHT EVEN PLANES TO RECEIVE FINISH MATERIALS. INSTALL STRINGERS WITH BOTTOM EDGES FREE OF DEFECTS. MITER ALL EXPOSED FINISHED JOINTS.
9. REMOVE ALL MARKS, STAMPS, DIRT, LOOSE FIBERS FROM ALL WOOD SURFACES.
10. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.
11. ALL WOOD FENCE MEMBERS TO RECEIVE TWO COATS OF PREMIUM STAIN OR MARINE GRADE PAINT; FINISH AND COLOR TO BE SELECTED BY OWNER.
12. WHERE REQUIRED BY GRADE THE FENCE SHALL BE STEPPED IN INCREMENTS EQUAL TO THE FINISH DIMENSION OF THE TOP TRIM AND CAP.

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 HIS FORCES.
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 TOWN INSPECTIONS.
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, PLUMB, AND SQUARE.
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 REQUIRED.
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.
10. FENCE MEMBER SIZES TO BE AS FOLLOWS:
 - 10.1. PICKETS, 3/4" SQUARE 16 GA.
 - 10.2. RAILS, 1-1/2" X 1-1/2" TUBE 16 GA.
 - 10.3. POSTS, 2" SQUARE 11 GA.
11. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL FENCE GATES AND OPENERS. SHOP DRAWINGS SHALL INCLUDE ALL PRODUCT CUT SHEETS AS WELL AS INSTALLATION AND MANUFACTURING DETAILS. CONTRACTOR TO BE RESPONSIBLE FOR STRUCTURAL DESIGN OF GATES.
12. CONCRETE FOOTING FOR POSTS SHALL BE 3X POST WIDTH FOR 2" SQUARE POSTS AND 2X POST WIDTH FOR 6" SQUARE POSTS.
13. POSTS SHALL BE PLACED AT A MINIMUM DISTANCE OF 6'-0" O.C. AND A MAXIMUM DISTANCE OF 8'-0" O.C.
14. 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 AND/OR LABOR.



3 6'-0" HT. ORNAMENTAL METAL FENCE ELEVATION SCALE: 1/2"=1'-0"

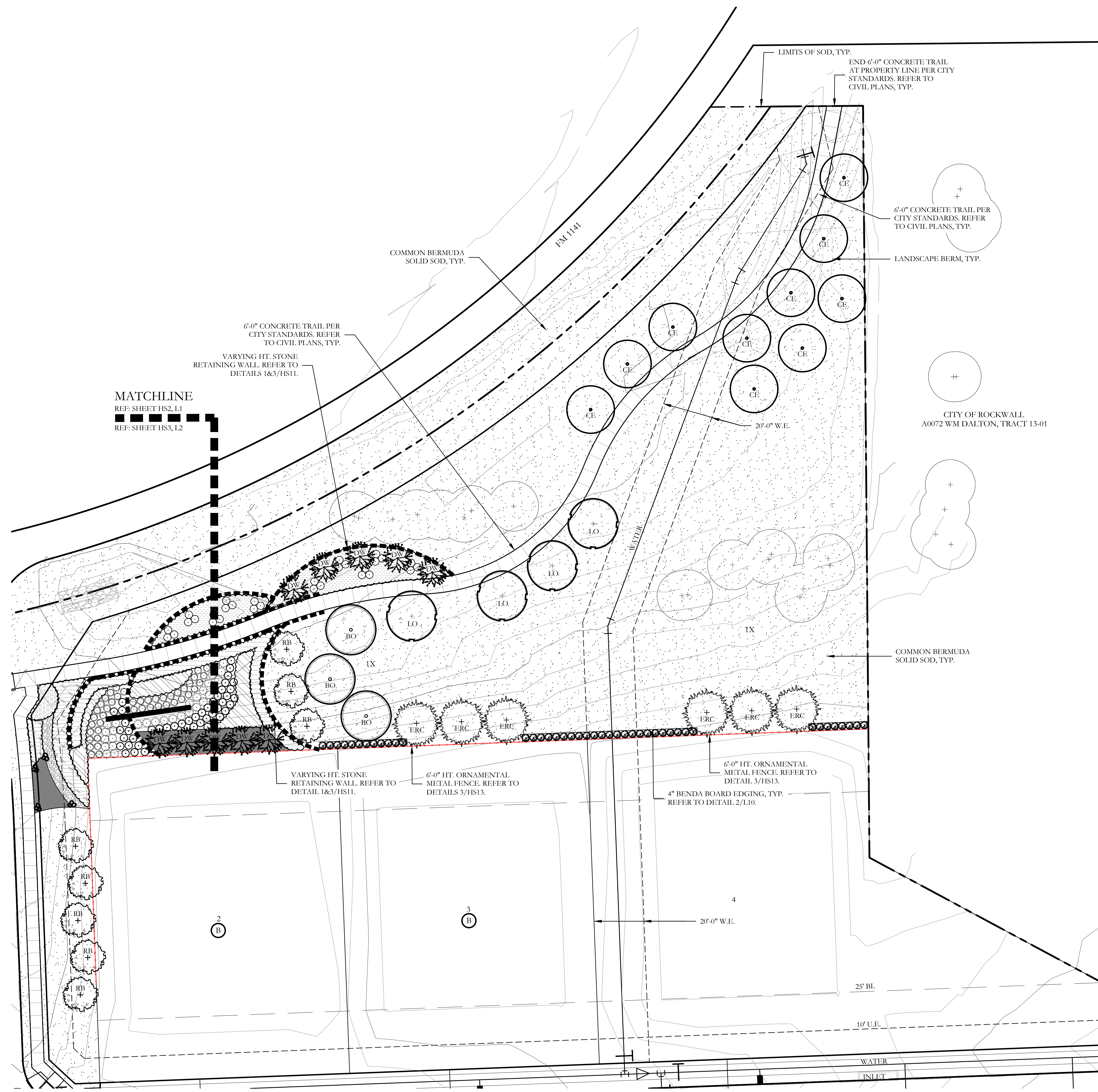


4 6'-0" HT. ORN. METAL FENCE ATOP RET. WALL SECTION SCALE: 1/2"=1'-0"

GENERAL NOTES - HARDSCAPE CONSTRUCTION

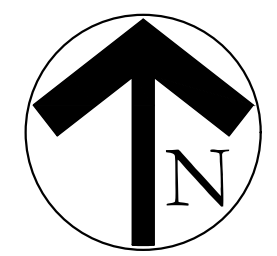
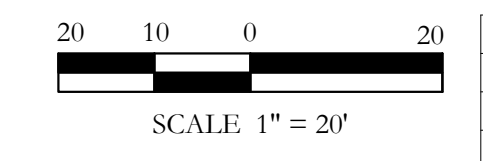
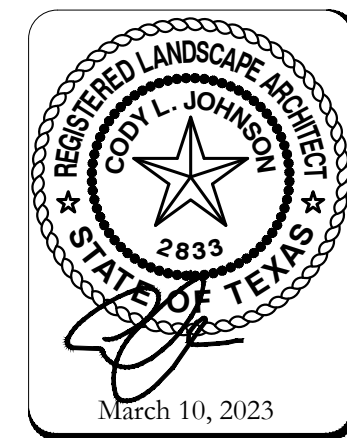
- CAST-IN-PLACE CONCRETE**
1. ALL CONCRETE SHALL BE 3000 PSI, NORMAL WEIGHT, 28 DAY STRENGTH WITH A 4 TO 6 INCH SLUMP. THE CEMENT SHALL BE TYPE 1 AND SHALL CONFORM TO ASTM C150. AGGREGATES SHALL CONFORM TO ASTM C33.
 2. ALL MIXING, TRANSPORTING, PLACING, AND CURING OF CONCRETE SHALL COMPLY WITH ACI 318.
 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 NOTED OTHERWISE.
 2. PROVIDE THE FOLLOWING MINIMUM COVER FOR CONCRETE CAST IN PLACE REINFORCEMENT:
 - 2.1. CONCRETE CAST AGAINST EARTH AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES
 - 2.2. CONCRETE EXPOSED TO EARTH OR WEATHER:
 - 2.2.1. (A) BARS LARGER THAN NO. 5: 2 INCHES
 - 2.2.2. (B) BARS NO. 5 AND SMALLER: 1-1/2 INCHES
 - 2.3. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
 - 2.3.1. SLABS, WALLS AND JOISTS
 - 2.3.1.1. (A) BARS LARGER THAN NO. 11: 1-1/2 INCHES
 - 2.3.1.2. (B) BARS NO. 11 AND SMALLER: 3/4 INCHES
 - 2.3.2. BEAMS AND COLUMNS: 1-1/2 INCHES
 - 2.3.3. SHELLS AND FOLDED PLATES
 - 2.3.3.1. (A) BAR LARGER THAN NO. 5: 3/4 INCHES
 - 2.3.3.2. (B) BARS NO. 5 AND SMALLER: 1/2 INCHES
 3. ALL REINFORCING STEEL SHALL BE CLEAN AND FREE OF GREASE.
- DRILLED PIERS**
1. PIERS NOT SPECIFICALLY LOCATED ON THE PLAN SHALL BE CENTERED ON WALL OR BEAM.
 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 CONCRETE.
 4. PROVIDE 64 BAR DIAMETER LAP SPLICES IN ALL VERTICAL PIER REINFORCING AS REQUIRED
 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**
1. 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 DAYS.
 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 3/8" 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 AT SPLICES.
 7. JOINT REINFORCING SHALL BE DISCONTINUOUS AT CONTROL AND EXPANSION JOINTS.
 8. LAP VERTICAL 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.

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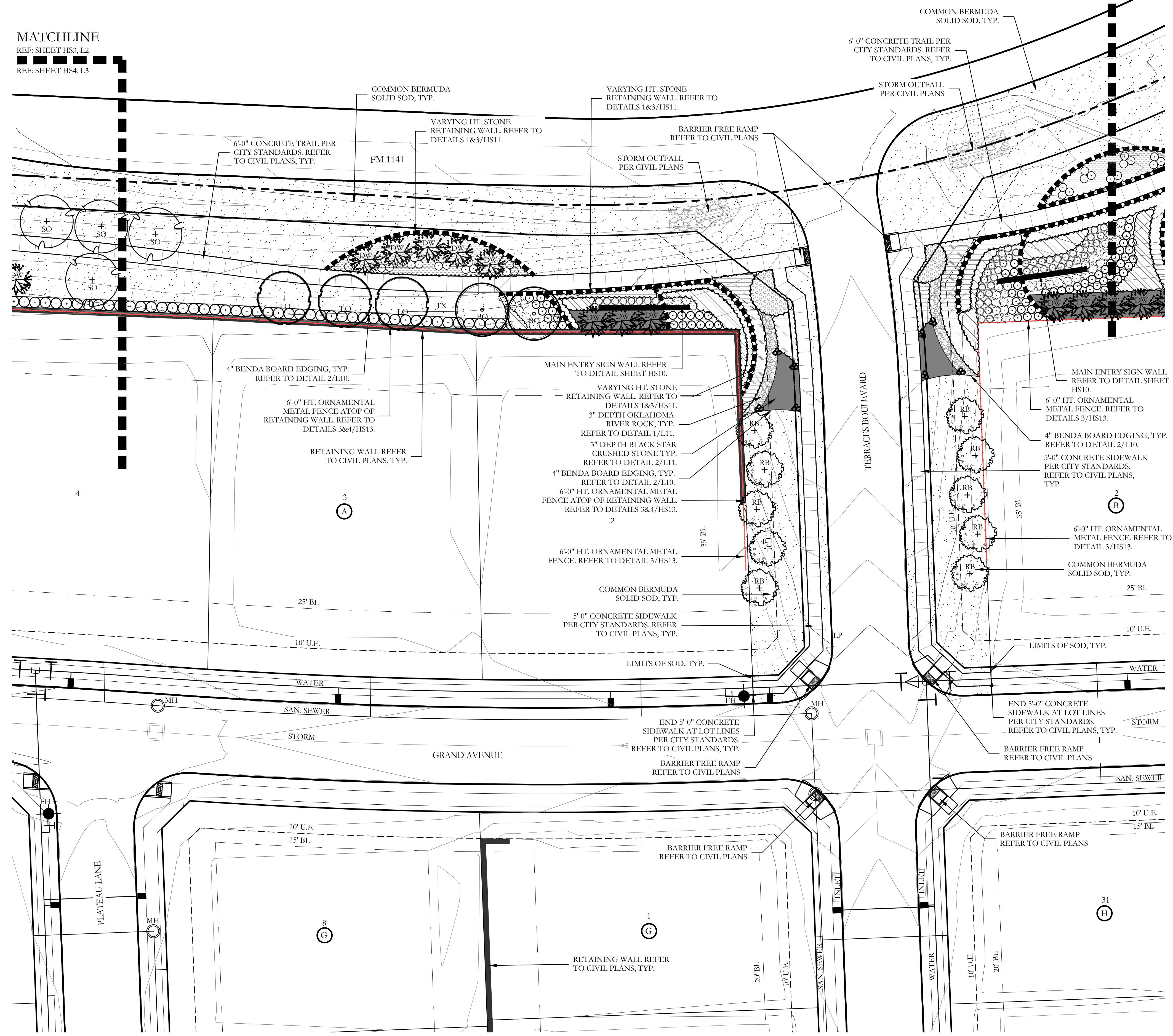
PLANT LEGEND

SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	SO	SHUMARD OAK	QUERCUS SHUMARDII	3" CALIPER	AS SHOWN
	BO	BUR OAK	QUERCUS MACROCARPA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	3" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
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		LITTLE BUNNY DWARF FOUNTAIN GRASS	PENNISETUM ALOPECUROIDES 'LITTLE BUNNY'	1 GALLON	18" O.C.
		MEXICAN FEATHER GRASS	NASSELLA TENUSSIMA	1 GALLON	18" O.C.
		CREEPING ROSEMARY	ROSMARINUS OFFICINALIS 'PROSTRATUS'	1 GALLON	24" O.C.
		ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD
		BLACK STAR CRUSHED STONE	INSTALL AT 3" DEPTH MINIMUM WITH DEWITT 4.1 OZ FILTER FABRIC BENEATH ROCK	SQUARE FEET	1/4" DIAMETER
		OKLAHOMA RIVER ROCK, MIXTURE OF TANS, BROWNS, GRAYS AND PINKS	INSTALL AT 3" DEPTH MINIMUM WITH DEWITT 4.1 OZ FILTER FABRIC BENEATH ROCK	SQUARE FEET	EQUAL COMBINATION OF 1-2" & 2-4"
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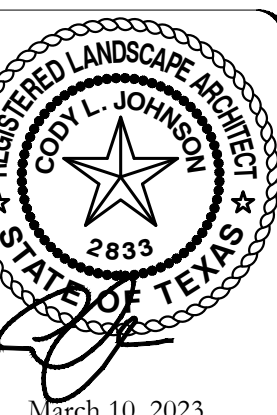
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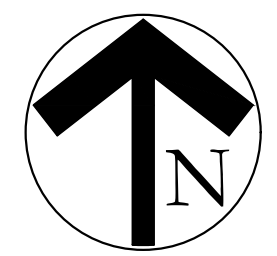
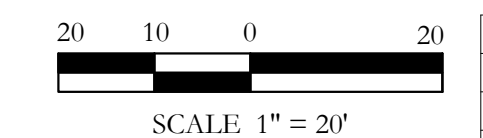


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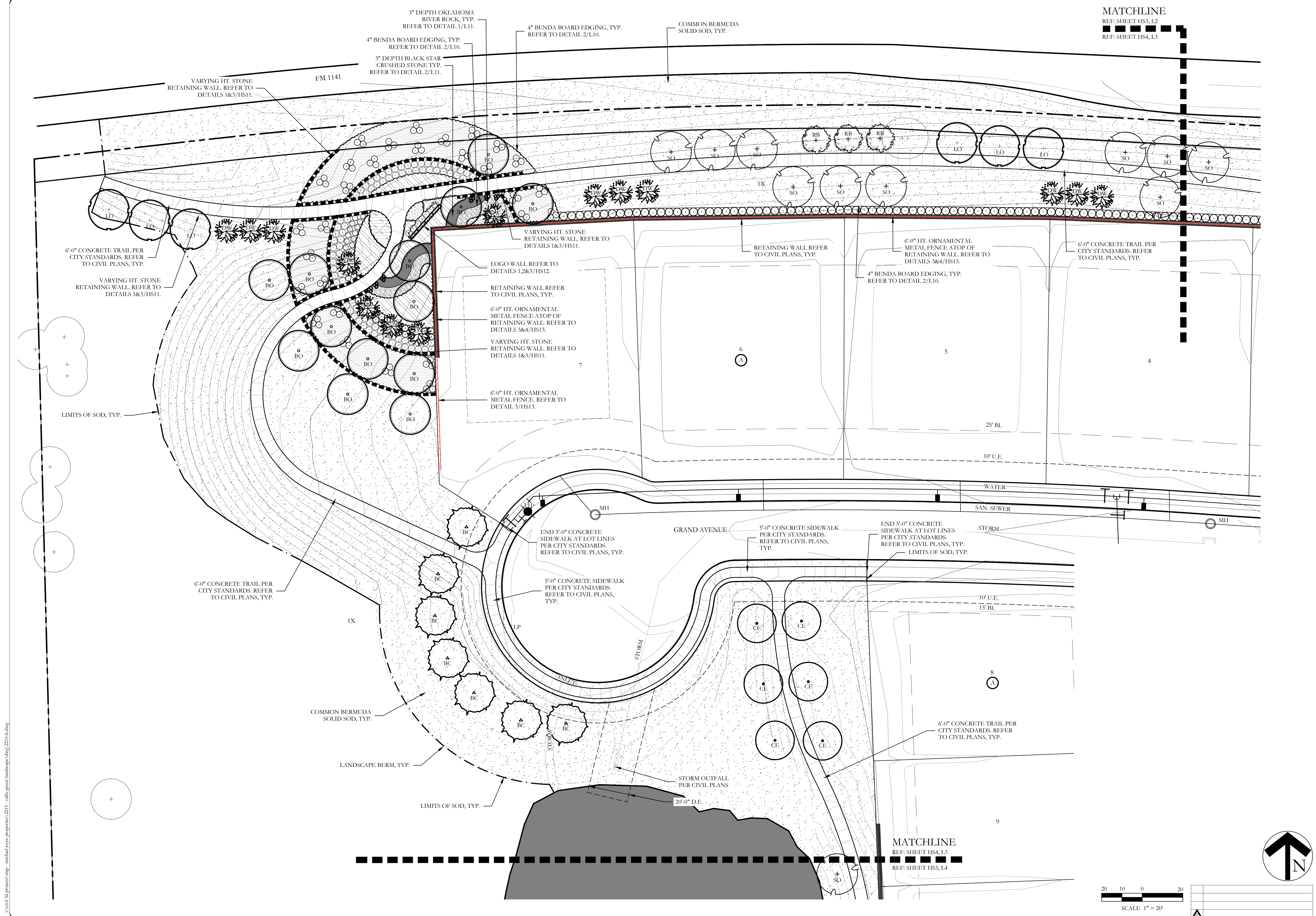


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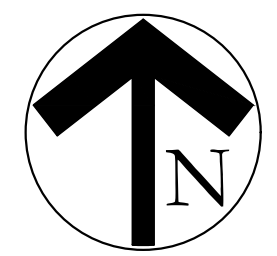
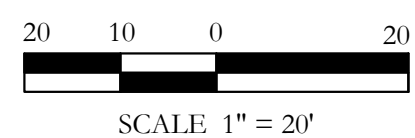
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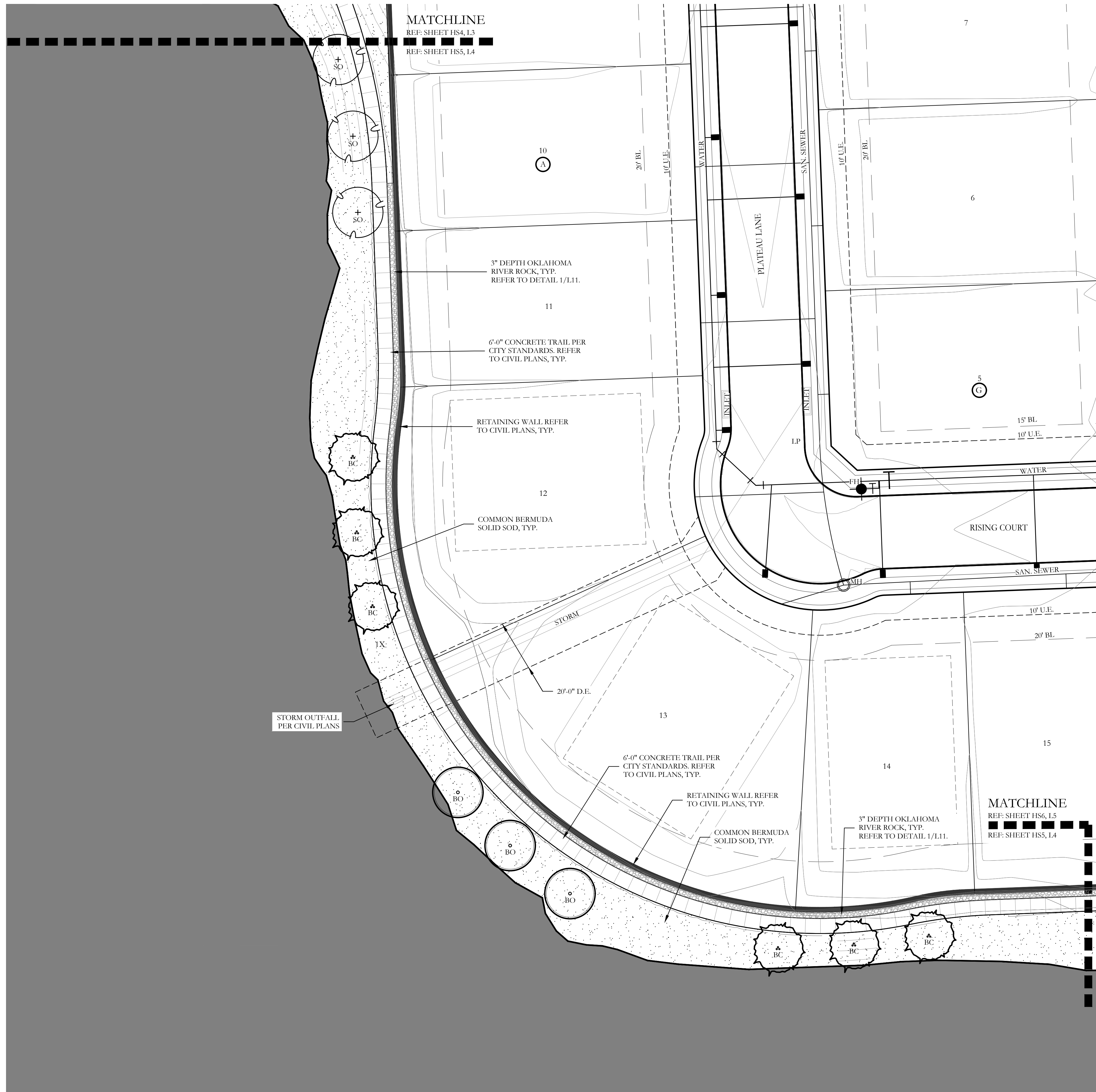
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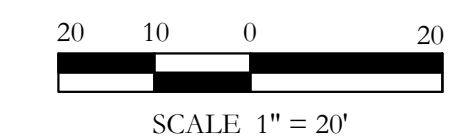
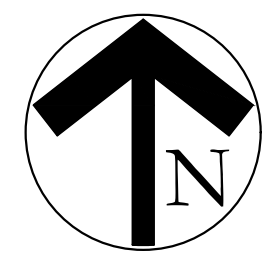
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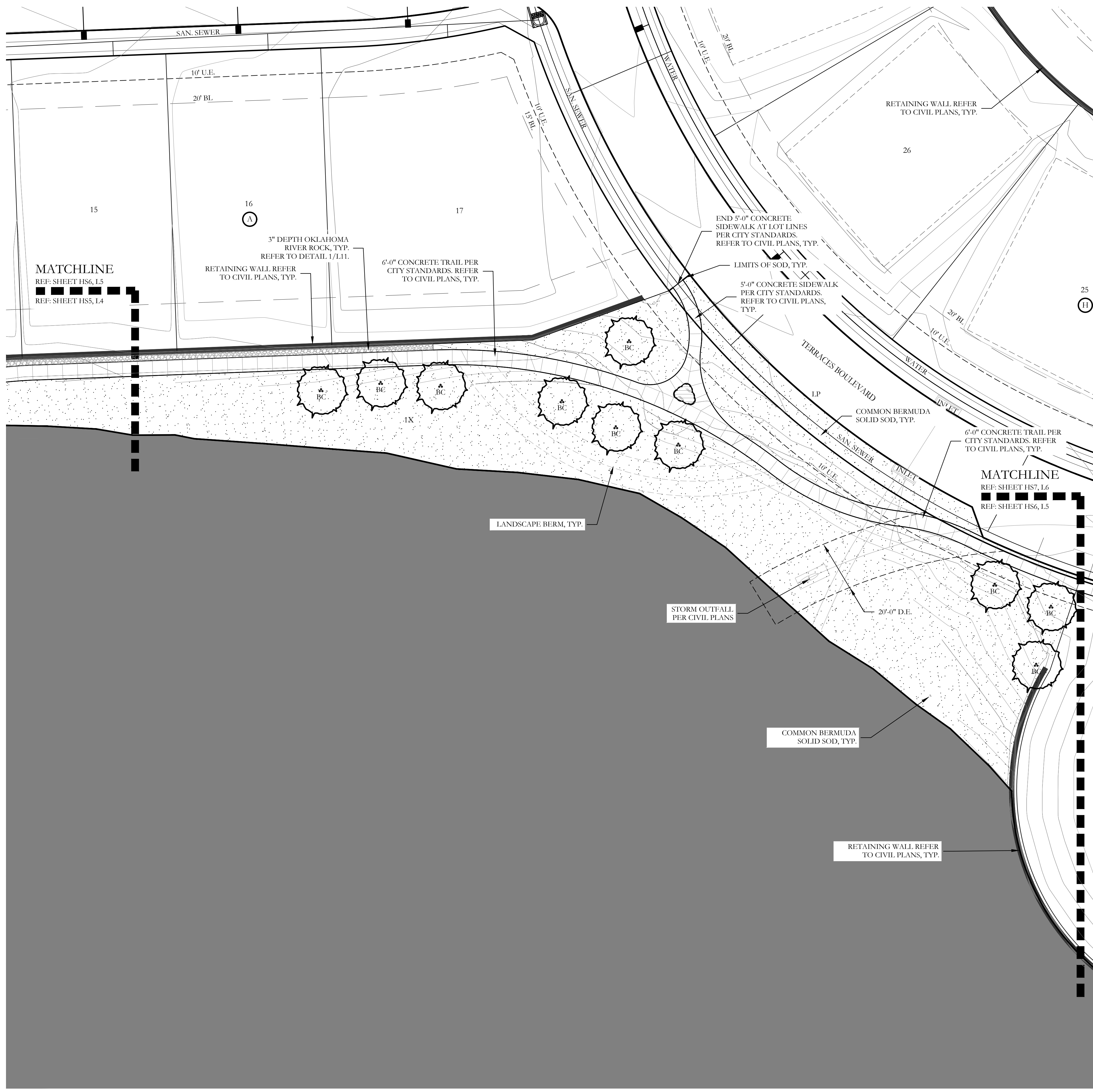
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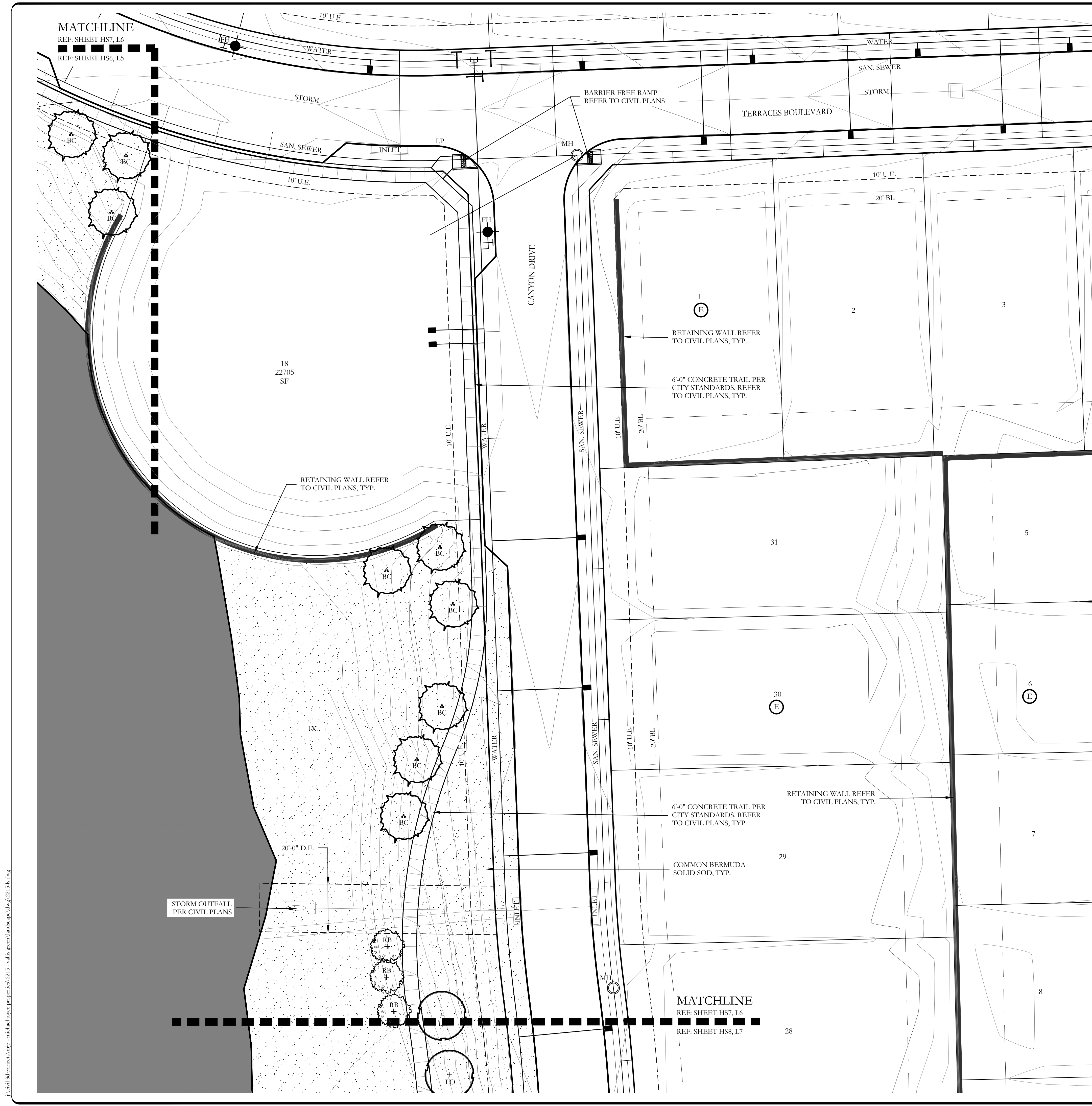
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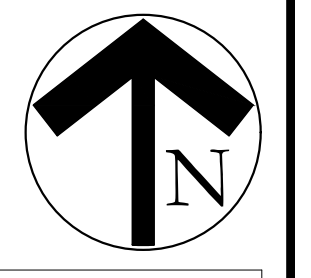
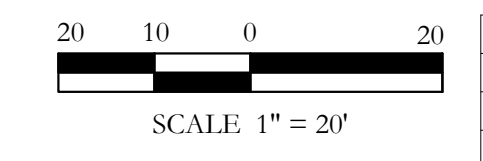


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PLANT LEGEND					
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	SO	SHUMARD OAK	QUERCUS SHUMARDII	3" CALIPER	AS SHOWN
	BO	BUR OAK	QUERCUS MACROCARPA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	3" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	DW	DESERT WILLOW	CHILOPSIS LINEARIS	2" CALIPER	AS SHOWN
	RB	TEXAS REDBUD	CERCIS CANADENSIS VAR. TEXENSIS	2" CALIPER	AS SHOWN
		STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.
		DWARF BURFORD HOLLY	ILEX CORNUTA 'DWARF BURFORD'	7 GALLON	36" O.C.
		DWARF WAXMYRTLE	MYRICA PUSILLA	3 GALLON	36" O.C.
		RUSSIAN SAGE	PEROVSKIA ATRIPLICIFOLIA	3 GALLON	36" O.C.
		'COLOR GUARD' YUCCA	YUCCA FILAMENTOSA 'COLOR GUARD'	3 GALLON	36" O.C.
		AUTUMN SAGE	SALVIA GREGGII	3 GALLON	36" O.C.
		LITTLE KITTEN FOUNTAIN GRASS	MISCANTHUS SINENSIS 'LITTLE KITTEN'	1 GALLON	18" O.C.
		LITTLE BUNNY DWARF FOUNTAIN GRASS	PENNISETUM ALOPECUROIDES 'LITTLE BUNNY'	1 GALLON	18" O.C.
		MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	18" O.C.
		CREEPING ROSEMARY	ROSMARINUS OFFICINALIS 'PROSTRATUS'	1 GALLON	24" O.C.
		ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD
		BLACK STAR CRUSHED STONE	INSTALL AT 3" DEPTH MINIMUM WITH DEWITT 4.1 OZ FILTER FABRIC BENEATH ROCK	SQUARE FEET	1/4" DIAMETER
		OKLAHOMA RIVER ROCK; MIXTURE OF TANS, BROWNS, GRAYS AND PINKS	INSTALL AT 3" DEPTH MINIMUM WITH DEWITT 4.1 OZ FILTER FABRIC BENEATH ROCK	SQUARE FEET	EQUAL COMBINATION OF 1-2" & 2-4"
		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	

SCALE: 1" = 20'

 SCALE 1" = 20'

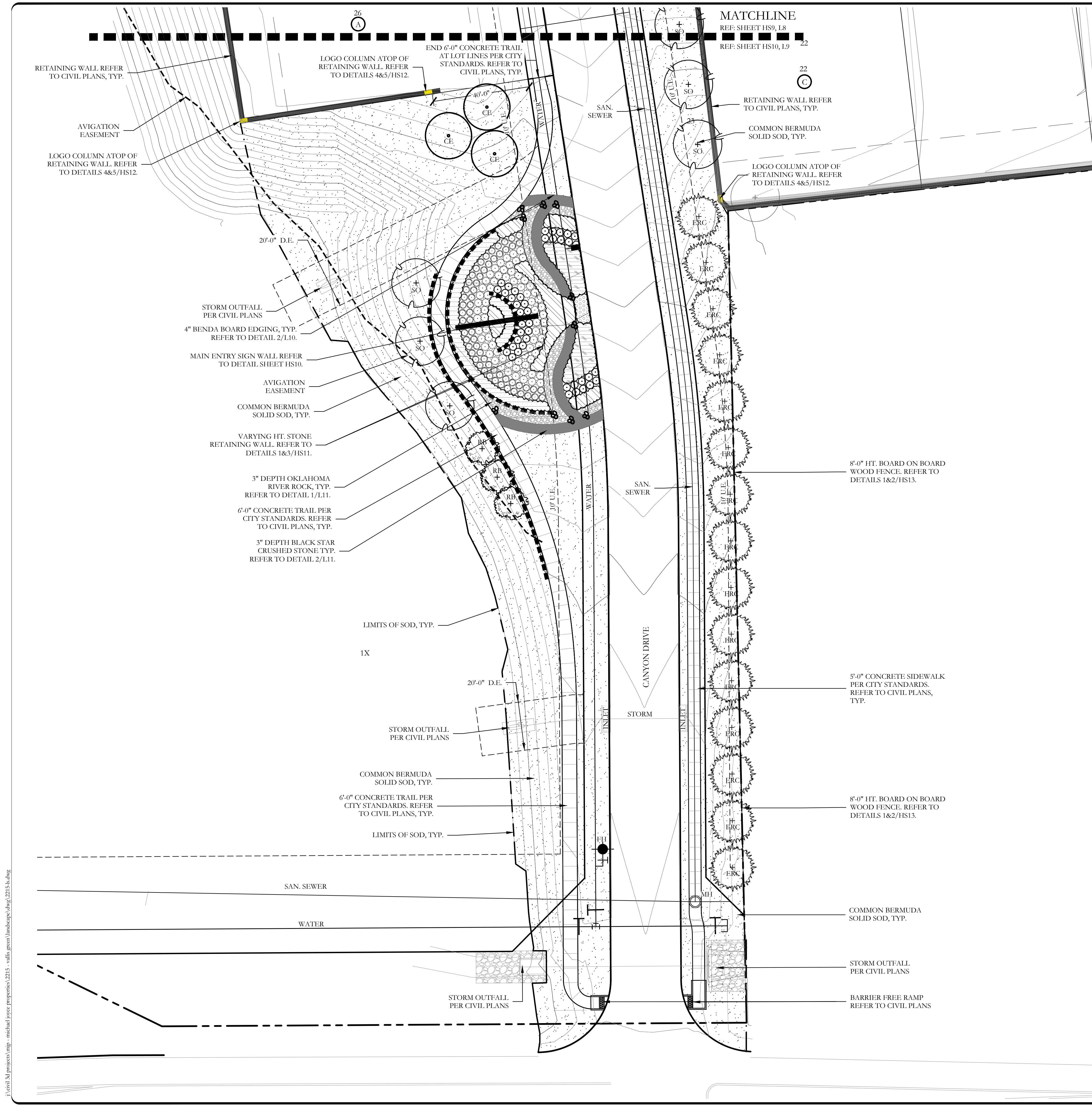
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PLANT LEGEND

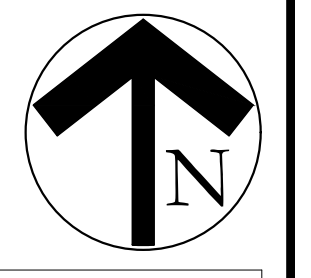
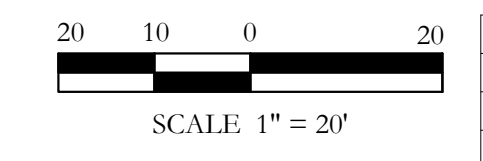
SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
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		CREeping ROSEMARY	ROSMARINUS OFFICINALIS 'PROSTRATUS'	1 GALLON	24" O.C.
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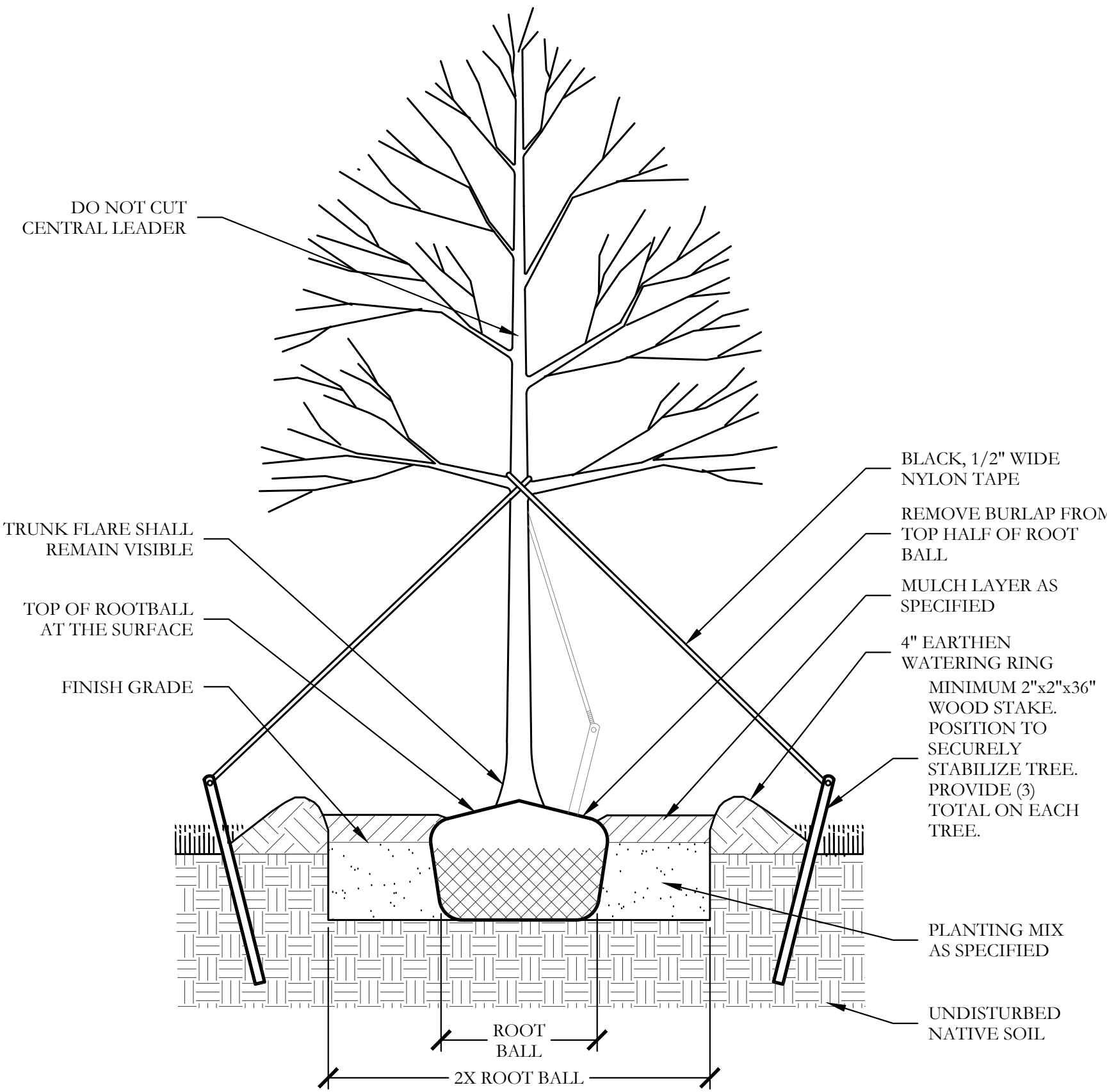




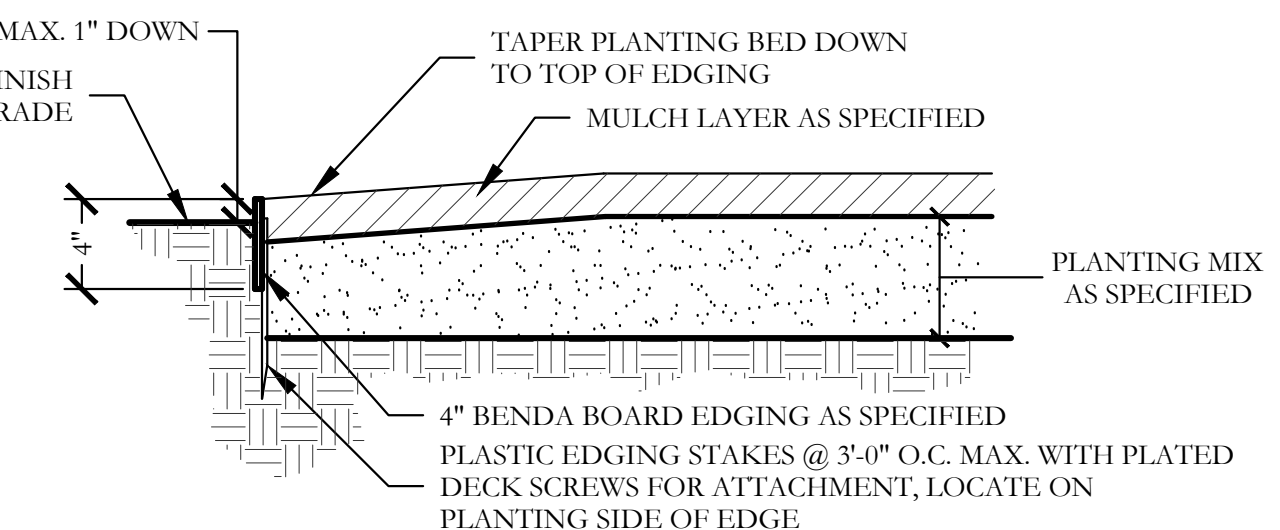
PLANT LEGEND

SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN
	SO	SHUMARD OAK	QUERCUS SHUMARDII	3" CALIPER	AS SHOWN
	BO	BUR OAK	QUERCUS MACROCARPA	3" CALIPER	AS SHOWN
	CE	CEDAR ELM	ULMUS CRASSIFOLIA	3" CALIPER	AS SHOWN
	BC	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN
	ERC	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN
	DW	DESERT WILLOW	CHILOPSIS LINEARIS	2" CALIPER	AS SHOWN
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		LITTLE KITTEN FOUNTAIN GRASS	MISCANTHUS SINENSIS 'LITTLE KITTEN'	1 GALLON	18" O.C.
		LITTLE BUNNY DWARF FOUNTAIN GRASS	PENNISETUM ALOPECUROIDES 'LITTLE BUNNY'	1 GALLON	18" O.C.
		MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	18" O.C.
		CREEPING ROSEMARY	ROSMARINUS OFFICINALIS 'PROSTRATUS'	1 GALLON	24" O.C.
		ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD
		BLACK STAR CRUSHED STONE	INSTALL AT 3" DEPTH MINIMUM WITH DEWITT 4.1 OZ FILTER FABRIC BENEATH ROCK	SQUARE FEET	1/4" DIAMETER
		OKLAHOMA RIVER ROCK, MIXTURE OF TANS, BROWNS, GRAYS AND PINKS	INSTALL AT 3" DEPTH MINIMUM WITH DEWITT 4.1 OZ FILTER FABRIC BENEATH ROCK	SQUARE FEET	EQUAL COMBINATION OF 1-2" & 2-4"
		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	

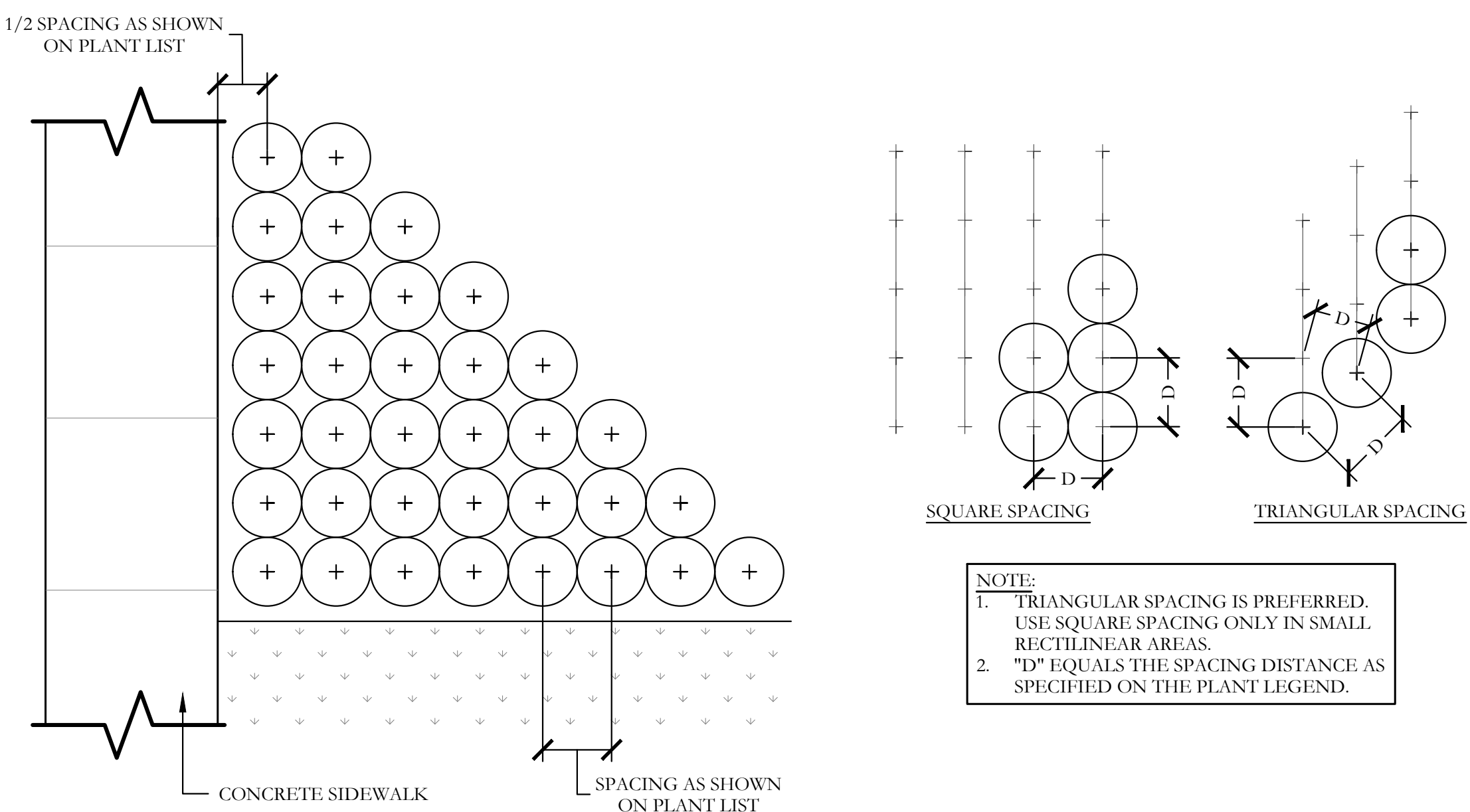




1 TYPICAL TREE PLANTING SECTION NOT TO SCALE



2 TYPICAL BED EDGING DETAIL SECTION NOT TO SCALE



3 TYPICAL SHRUB AND GROUNDCOVER PLANTING PLAN/SECTION NOT TO SCALE

PLANT LIST						
KEY	ESTIMATED QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	REMARKS
LO	22	LIVE OAK	QUERCUS VIRGINIANA	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
SO	20	SHUMARD OAK	QUERCUS SHUMARDII	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
BO	21	BUR OAK	QUERCUS MACROCARPA	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
CE	19	CEDAR ELM	ULMUS CRASSIFOLIA	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
BC	34	BALD CYPRESS	TAXODIUM DISTICHUM	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
ERC	21	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
DW	32	DESERT WILLOW	CHILOPSIS LINEARIS	2" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM 8'-0" OVERALL HEIGHT.
RB	25	TEXAS REDBUD	CERCIS CANADENSIS VAR. TEXENSIS	2" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM 8'-0" OVERALL HEIGHT.
	113	STANDARD BURFORD HOLLY	ILEX CORNUTA 'BURFORDII'	7 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.
	43	DWARF BURFORD HOLLY	ILEX CORNUTA 'DWARF BURFORD'	7 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.
	132	DWARF WAXMYRTLE	MYRICA PUSILLA	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.
	214	RUSSIAN SAGE	PEROVSKIA ATRIPLICIFOLIA	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.
	133	'COLOR GUARD' YUCCA	YUCCA FILAMENTOSA 'COLOR GUARD'	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.
	135	AUTUMN SAGE	SALVIA GREGGII	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.
	660	LITTLE KITTEN FOUNTAIN GRASS	MISCANTHUS SINENSIS 'LITTLE KITTEN'	1 GALLON	18" O.C.	CONTAINER GROWN; FULL PLANT.
	1,380	LITTLE BUNNY DWARF FOUNTAIN GRASS	PENNISSETUM ALOPECUROIDES 'LITTLE BUNNY'	1 GALLON	18" O.C.	CONTAINER GROWN; FULL PLANT.
	3,320	MEXICAN FEATHER GRASS	NASSELLA TENUISSIMA	1 GALLON	18" O.C.	CONTAINER GROWN; FULL PLANT.
	1,820	CREeping ROSEMARY	ROSMARINUS OFFICINALIS 'PROSTRATUS'	1 GALLON	24" O.C.	CONTAINER GROWN; FULL PLANT.
	1,005	ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.	CONTAINER GROWN; FULL PLANT.
	242,700	COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD	MINIMUM 100% COVERAGE ALL AREAS SHOWN
	2,045	BLACK STAR CRUSHED STONE	N/A	SQUARE FEET	100% COVERAGE	INSTALL AT 3" DEPTH MINIMUM WITH DEWITT 4.1 OZ FILTER FABRIC BENEATH ROCK. STONE SHALL BE 3/4" - 1" DIAMETER IN SIZE.
	2,755	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 COMBINATION OF 1"-2" AND 2"-4" IN SIZE.
	5.5	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.

GENERAL LANDSCAPE NOTES

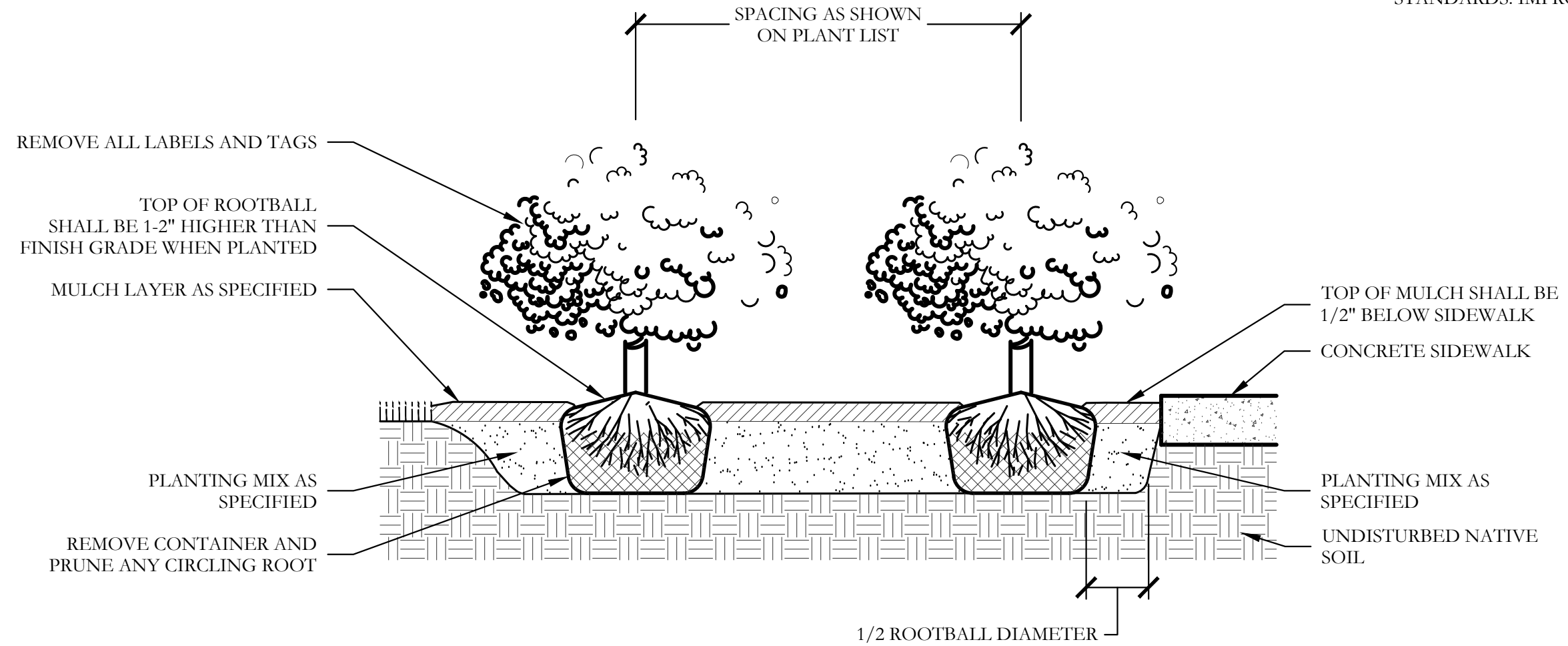
- INSPECTIONS:**
- NO EXCAVATION SHALL OCCUR IN CITY R.O.W. WITHOUT A R.O.W. PERMIT--CONTACT THE PUBLIC WORKS DEPARTMENT.
 - THE CONTRACTOR SHALL MARK ALL WATER LINES, SEWER LINES, AND TREE LOCATIONS PRIOR TO CALLING FOR ROW INSPECTION AND PERMIT.
 - THE LANDSCAPE INSTALLATION SHALL COMPLY WITH APPROVED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

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

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

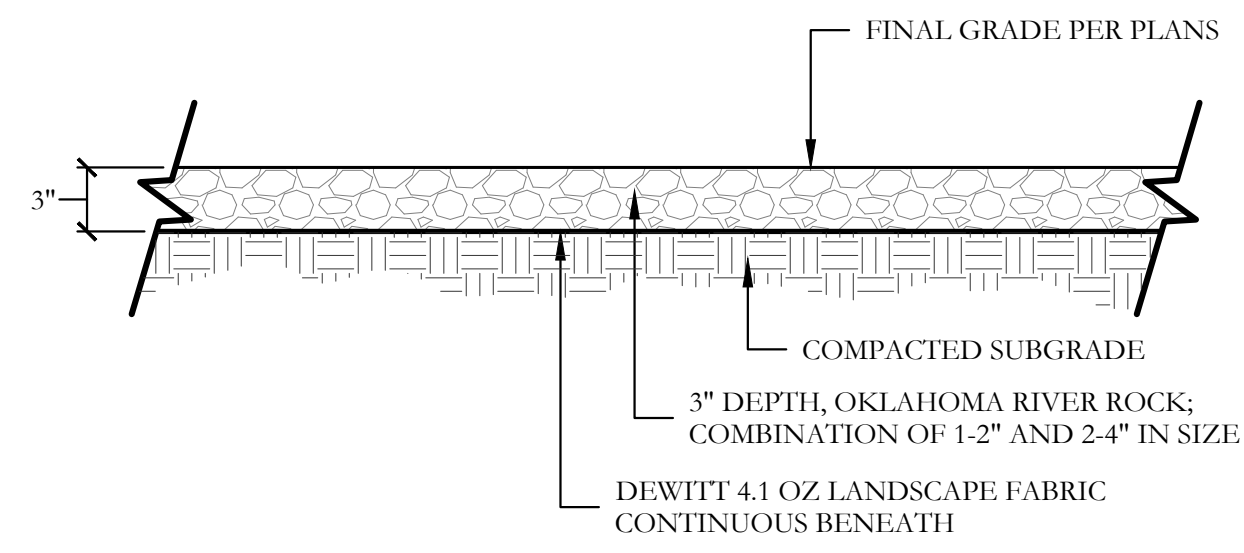
- MAINTENANCE STANDARDS:**
- THE OWNER SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, AND VIGOR OF PLANT MATERIAL IN ACCORDANCE WITH THE DESIGN INTENT AND AS APPROPRIATE FOR THE SEASON OF THE YEAR.
 - LANDSCAPE AND OPEN AREAS SHALL BE FREE OF TRASH, LITTER AND WEEDS.
 - NO PLANT MATERIAL SHALL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

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

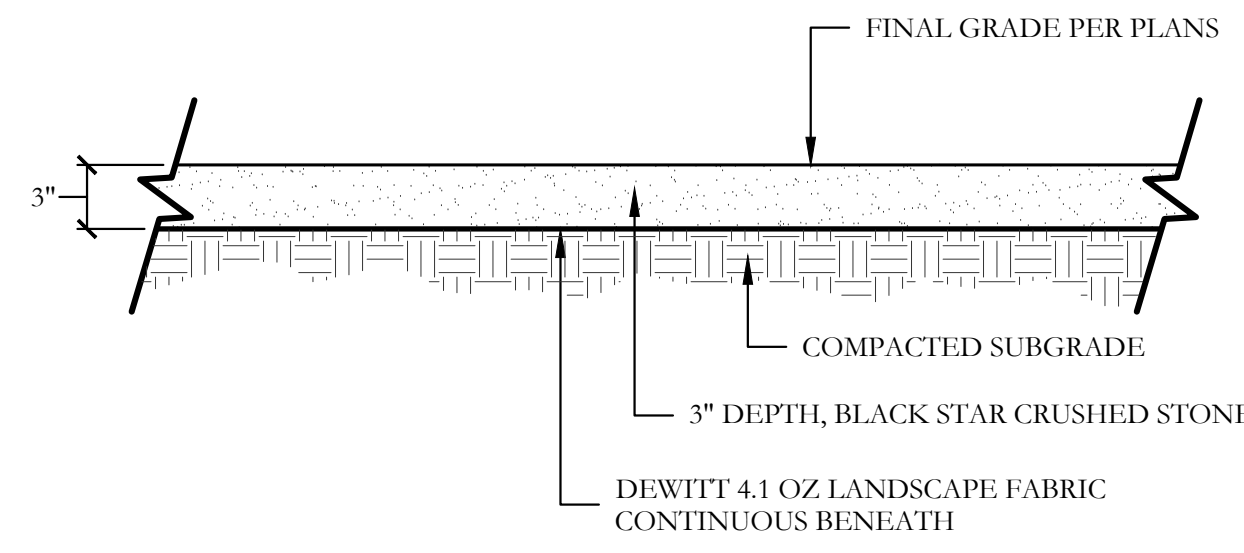


NOT TO SCALE

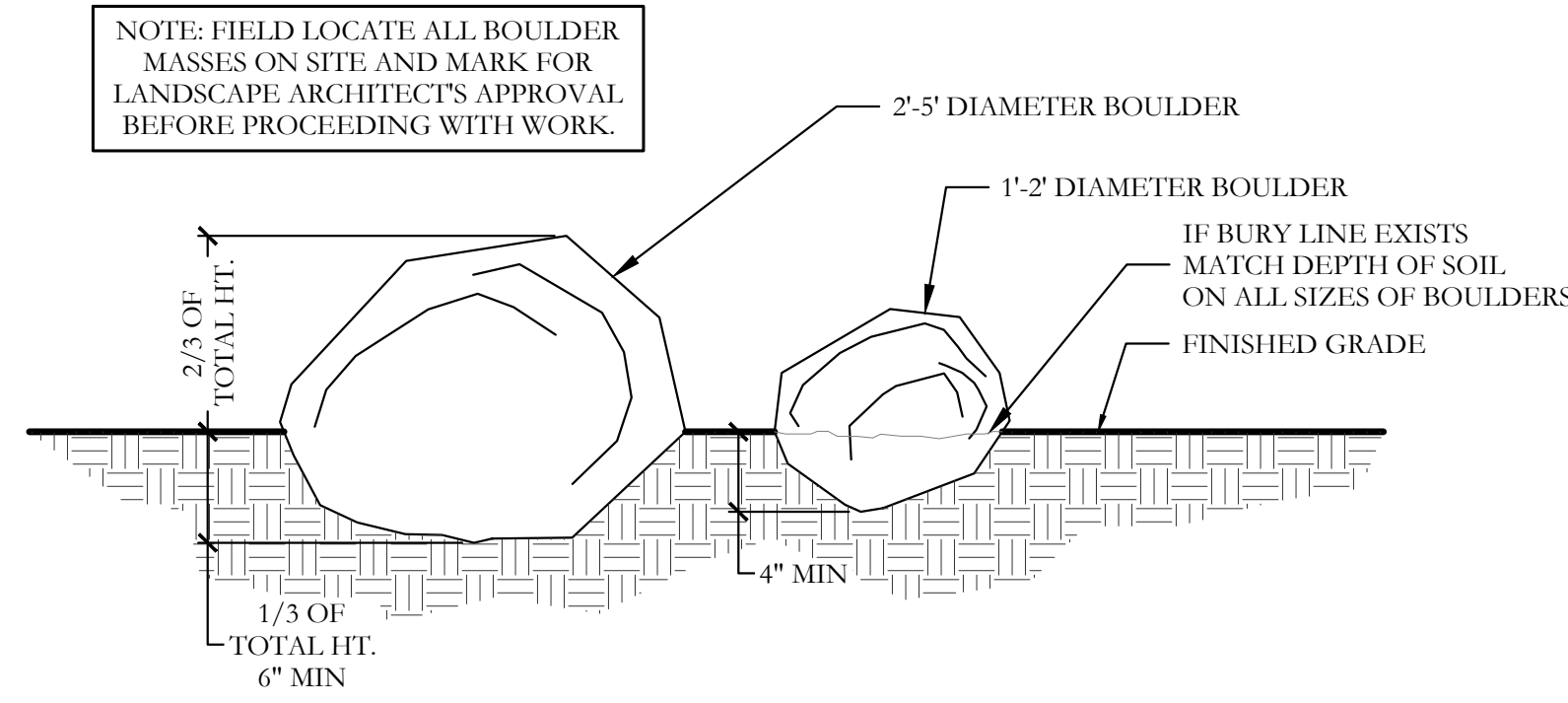




1 OKLAHOMA RIVER ROCK BED SECTION SCALE: 1" = 1'-0"



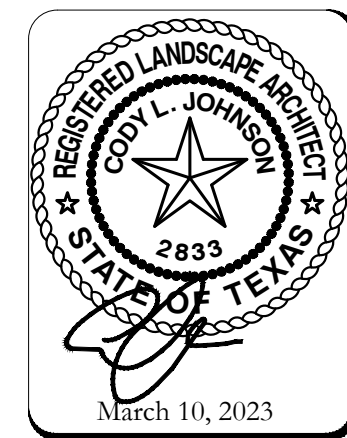
2 BLACK STAR CRUSHED STONE DETAIL SECTION SCALE: 1" = 1'-0"



3 LANDSCAPE BOULDER DETAIL SECTION NOT TO SCALE

NOTE: FIELD LOCATE ALL BOULDER MASSES ON SITE AND MARK FOR LANDSCAPE ARCHITECT'S APPROVAL BEFORE PROCEEDING WITH WORK.

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March 10, 2023

SCALE:
 REFER TO
 DETAILS
 One Inch
 JVC No 2215