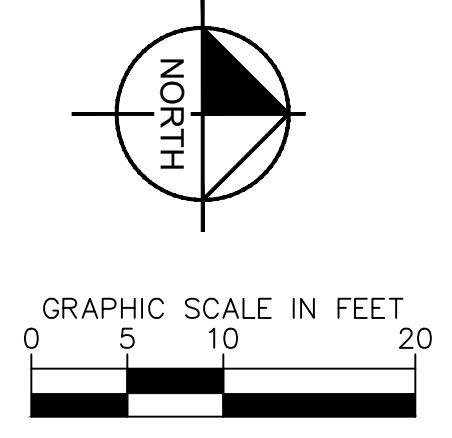
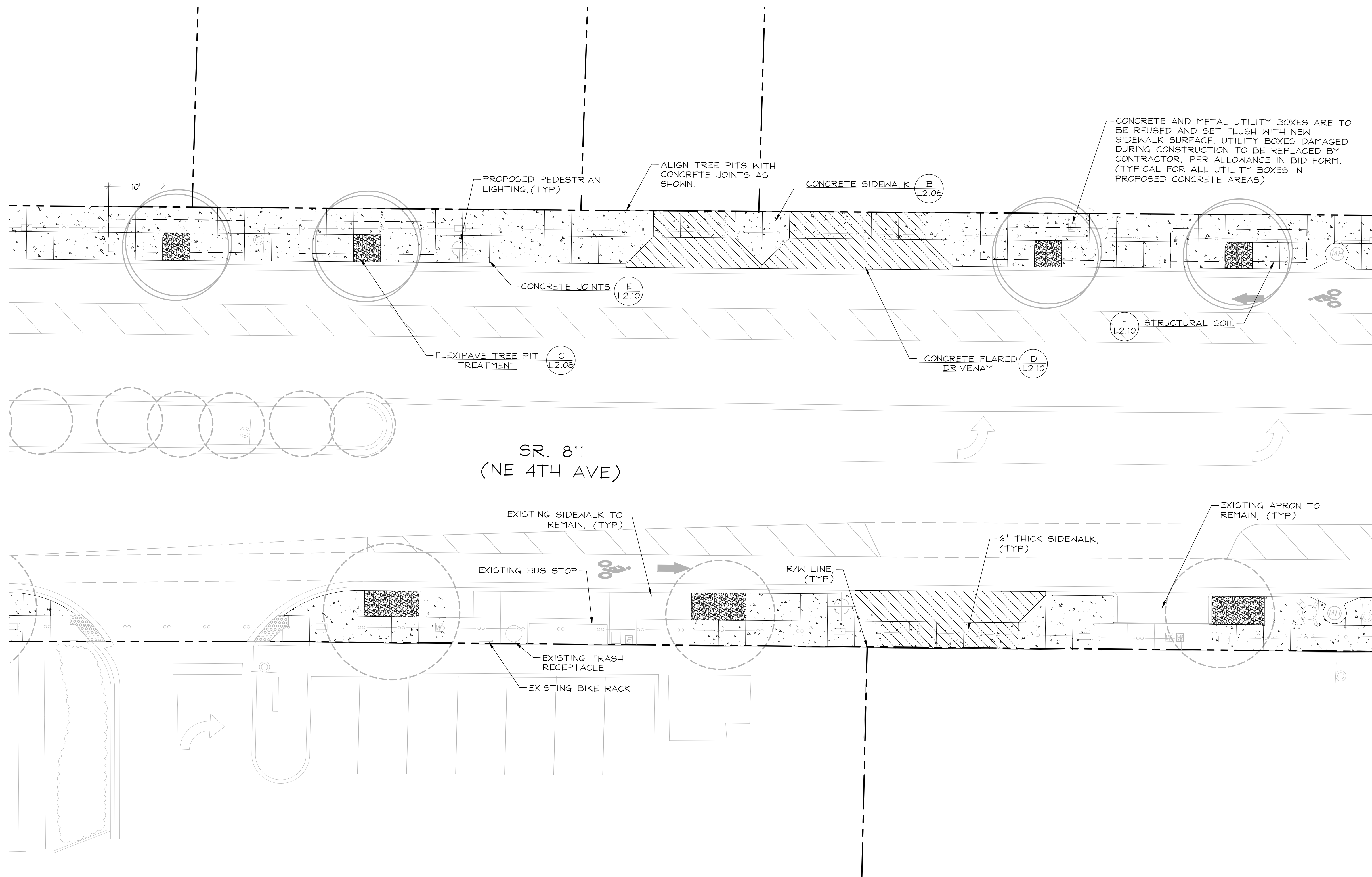


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SEE SHEET L2.03 FOR CONTINUATION




SEE SHEET L2.05 FOR CONTINUATION

Kimley Horn
 1920 WEKIVA WAY #200
 WEST PALM BEACH, FL 33411
 PHONE: 561-845-0665 FAX: 561-330-2245
 WWW.KIMLEY-HORN.COM
 REGISTRY 698
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 STATE LICENSE NUMBER
 LA #6666795
 10/19/2021

DATE: 07/10/2021
 DESIGNED BY: AS
 CHECKED BY: SHOWN
 FIELD BOOK:

CITY OF FORT LAUDERDALE
 TRANSPORTATION & MOBILITY

 250 NE 3RD AVE, FORT LAUDERDALE, FL 33301

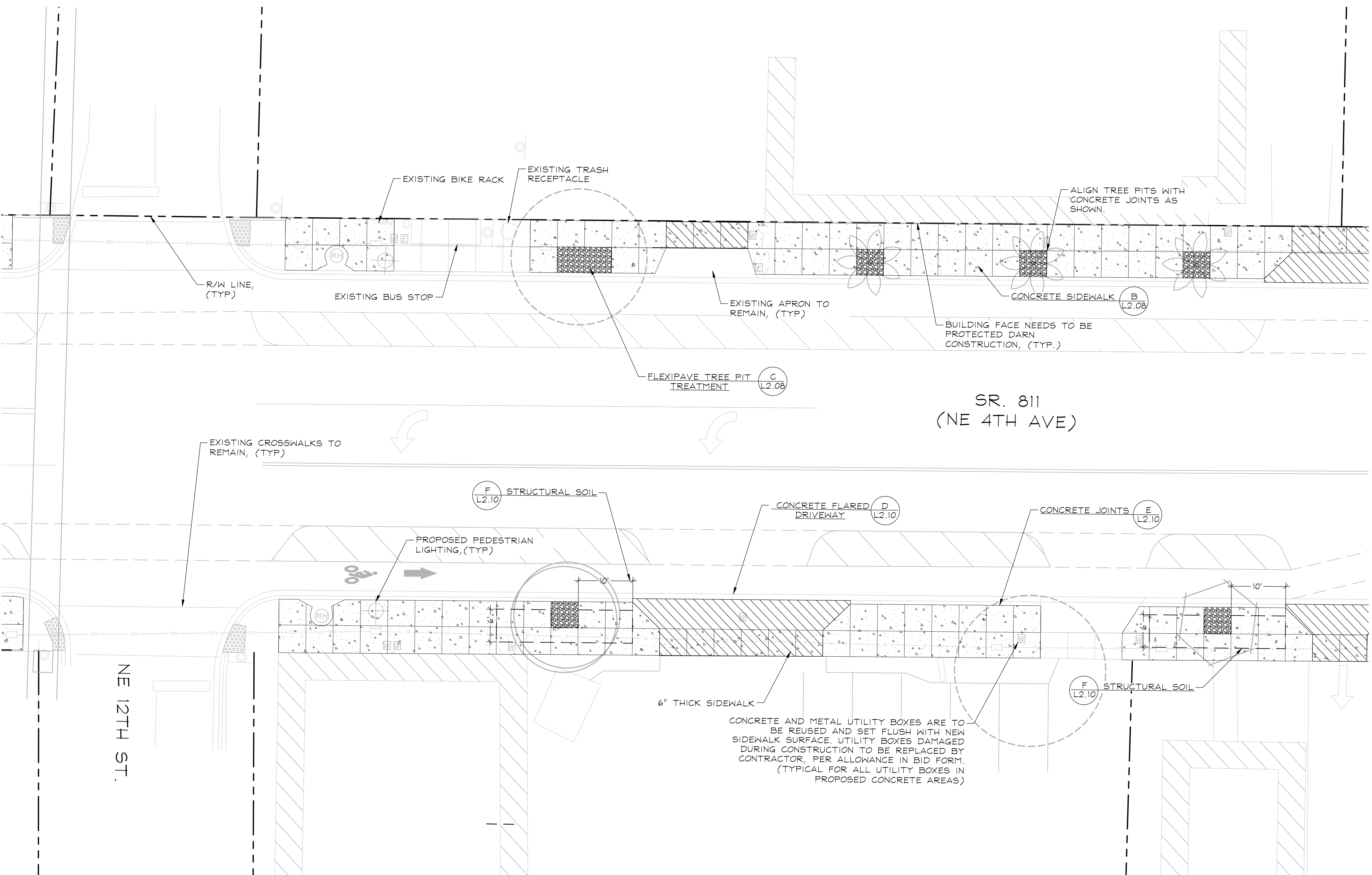
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NO.	DATE	BY / CHK'D

PROJECT # 12557
 NE 4TH AVENUE STREETSCAPE PROJECT
 E SUNRISE BLVD TO NE 13TH ST
 FORT LAUDERDALE, FL
 HARDSCAPE PLAN

SHEET NO.
L2.04

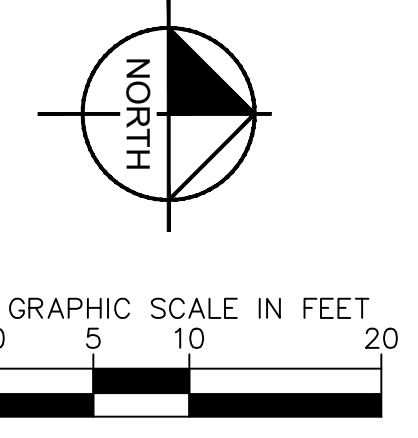
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SR. 811
(NE 4TH AVE)

NE 12TH ST.



SEE SHEET L2.06 FOR CONTINUATION

Kimley»Horn
 1920 WEKIVA WAY #200
 WEST PALM BEACH, FL 33411
 PHONE: 561-845-0665 FAX: 561-330-2245
 WWW.KIMLEY-HORN.COM
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REVISIONS		DESCRIPTION
NO.	DATE	BY

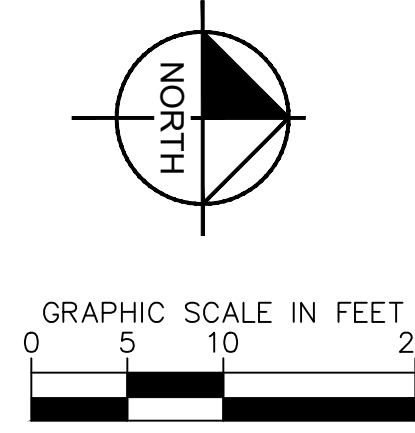
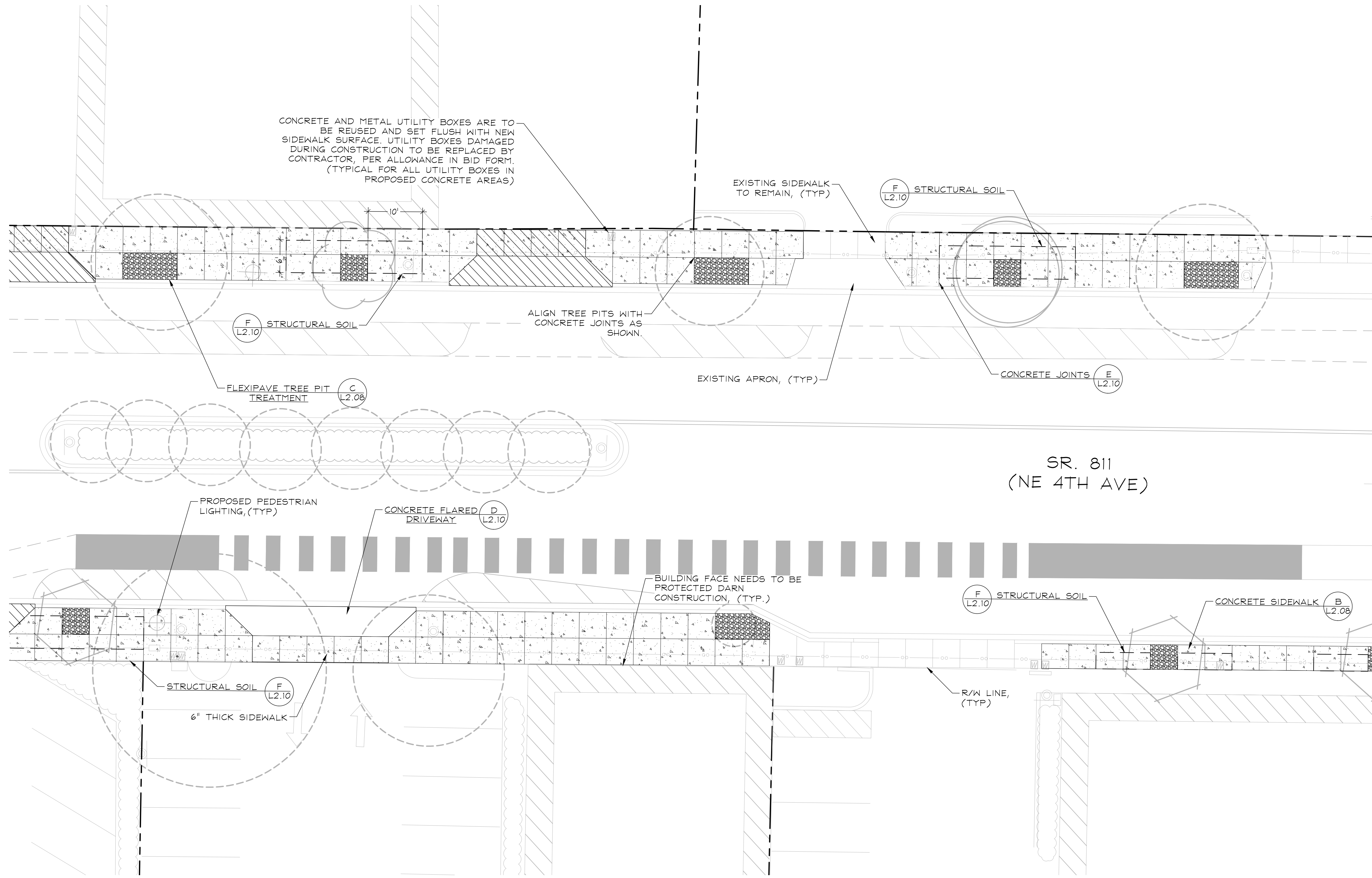
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SEE SHEET L2.07 FOR CONTINUATION



Kimley Horn
 1920 WEKIVA WAY #200
 WEST PALM BEACH, FL 33411
 PHONE: 561-845-0665 FAX: 561-330-2245
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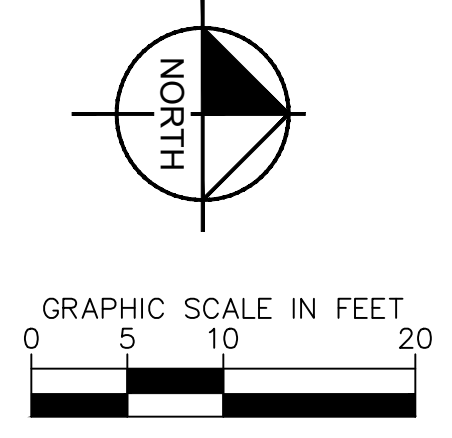
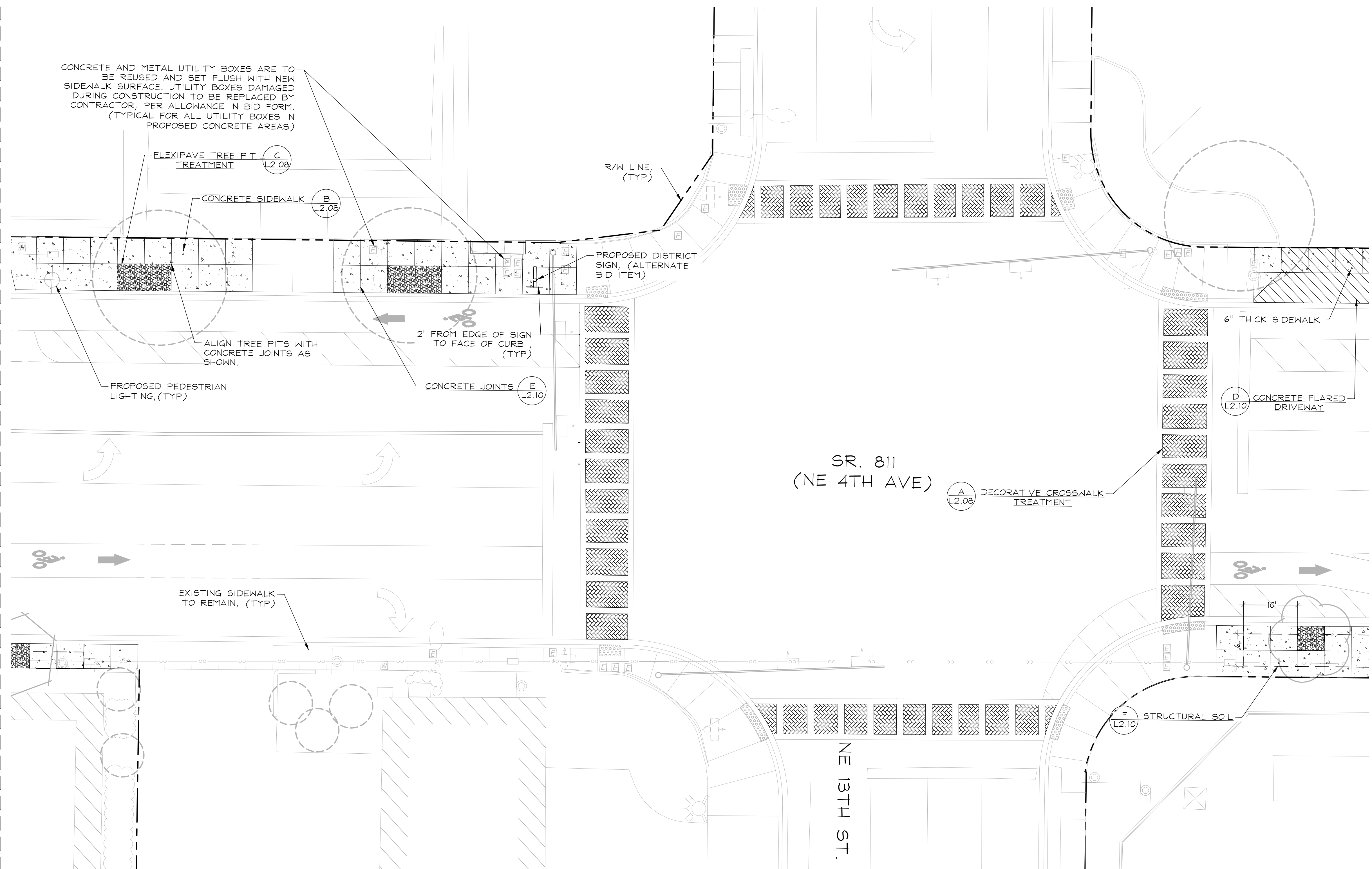
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Kimley Horn
 1920 WEKIVA WAY #200
 WEST PALM BEACH, FL 33411
 PHONE: 561-845-0665 FAX: 561-330-2245
 WWW.KIMLEY-HORN.COM
 REGISTRY #98
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 JONATHAN D. HAIGH, PLA
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 TRANSPORTATION & MOBILITY

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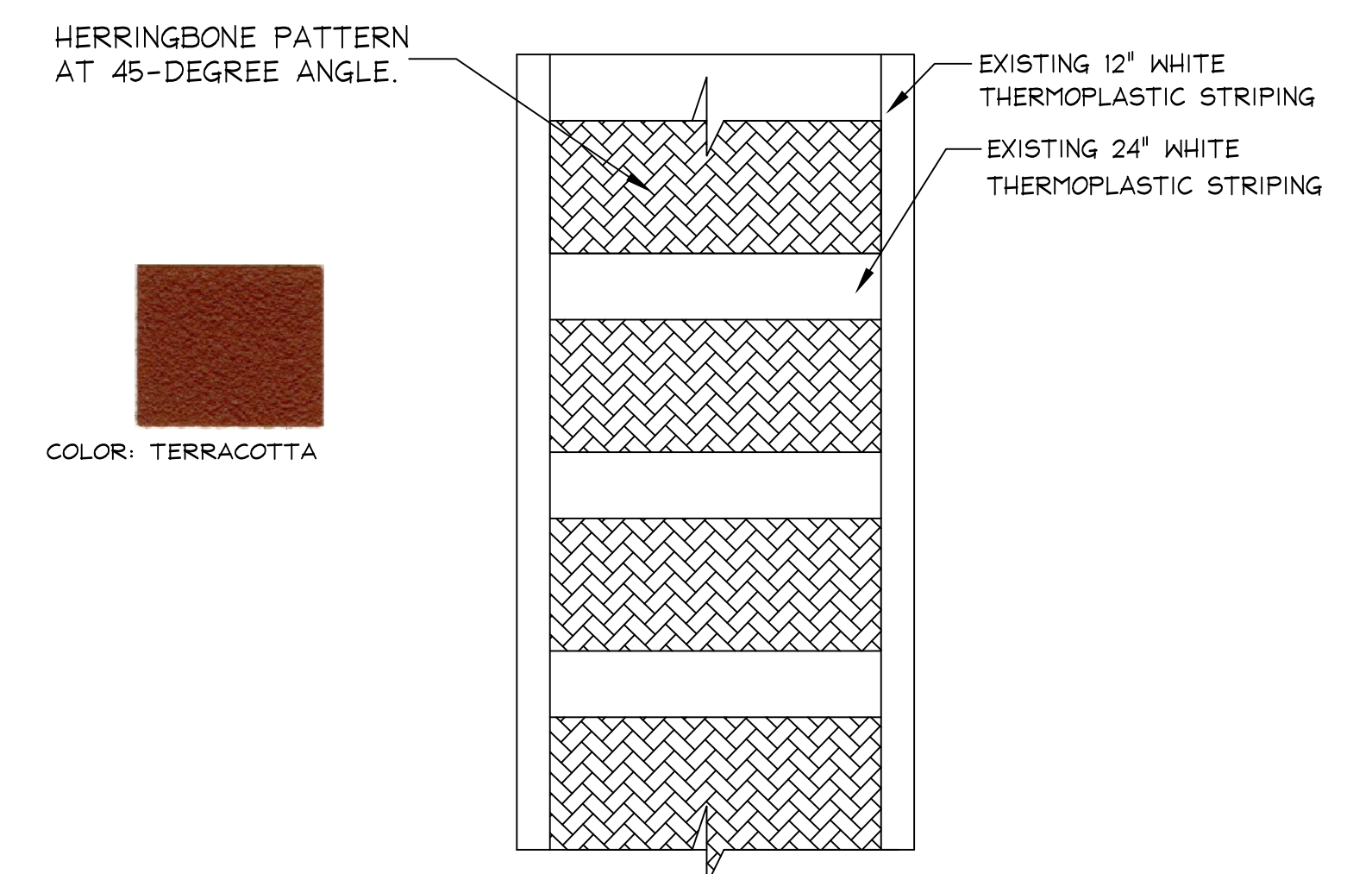
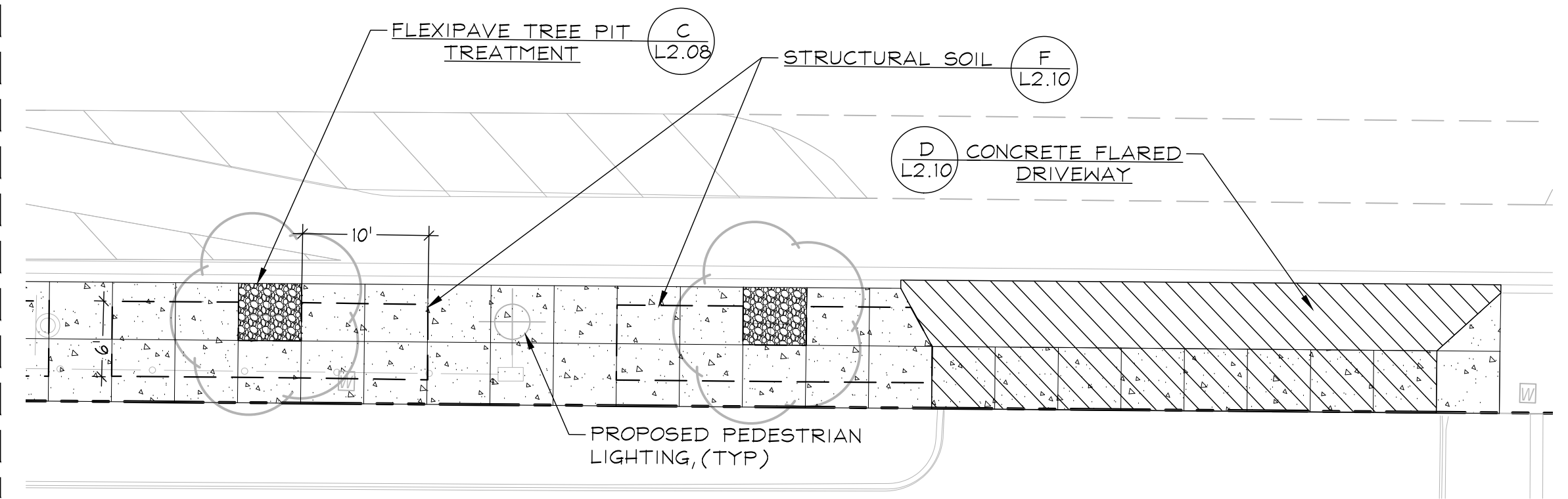
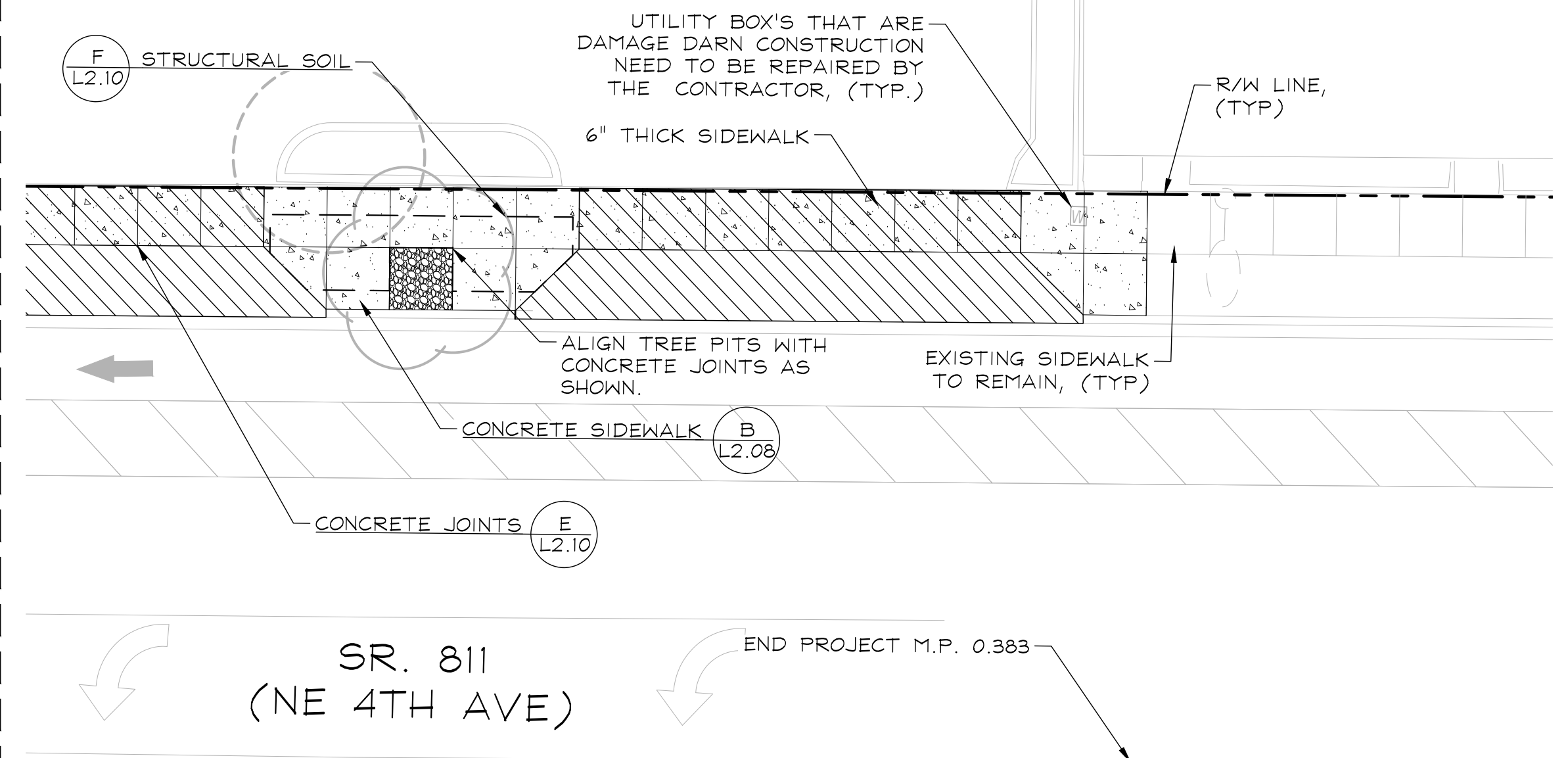
NO.	DATE	BY	CHK'D	DESCRIPTION

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 E SUNRISE BLVD TO NE 13TH ST
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 HARDSCAPE PLAN

SHEET NO.
L2.07

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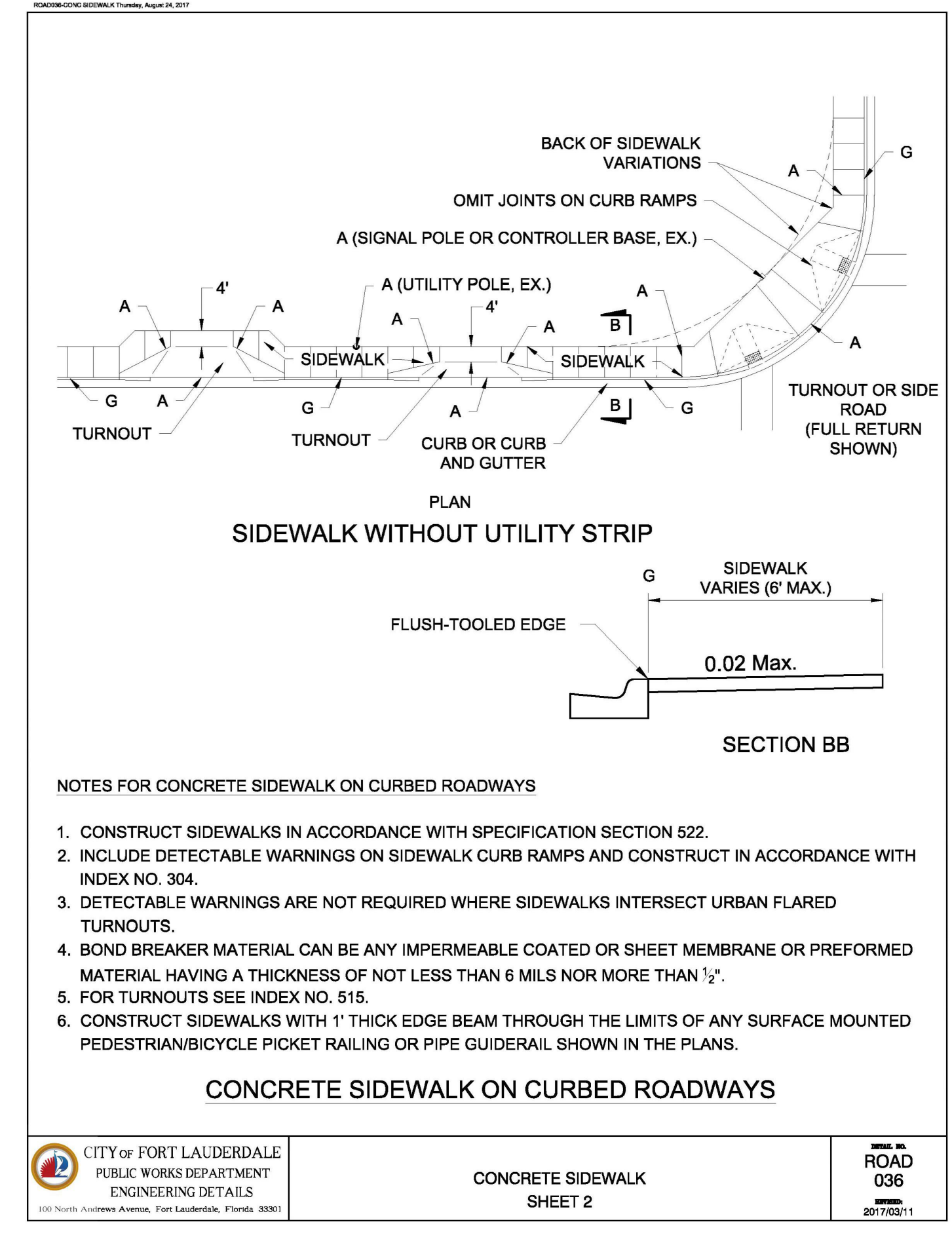
SEE SHEET L2.07 FOR CONTINUATION



- NOTES:**
- PATTERNED TEXTURED PAVEMENT: STREETBRICK XL BY ATLANTIC PAVING CO. (305)513-8632 (OR ALTERNATIVE FDOT APL PRODUCT) FDOT APL CERFICATION 523-000-020
 - SUBMIT COLOR SAMPLE TO OWNER FOR APPROVAL PRIOR TO INSTALLATION.
 - INSTALL PER MANUFACTURE'S SPECIFICATION WITHIN VOIDS EXISTING CROSSWALK MARKINGS.

A DECORATIVE CROSSWALK TREATMENT

NTS

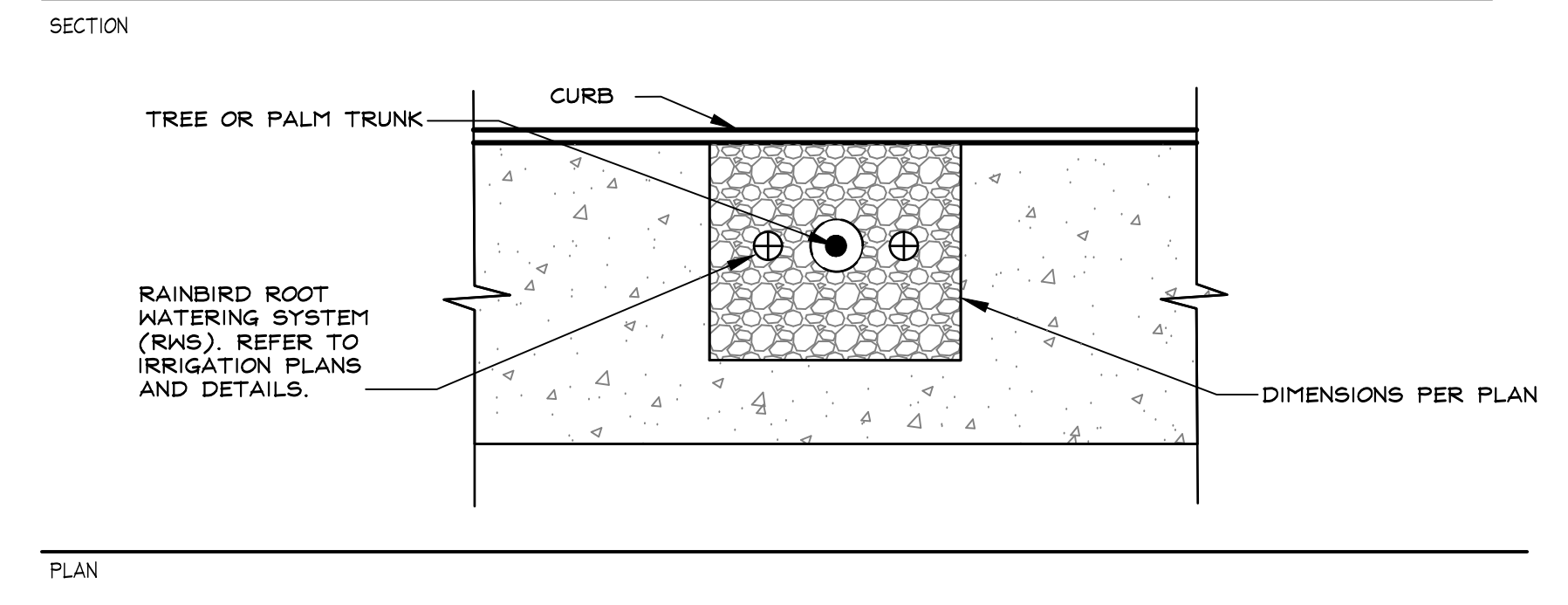
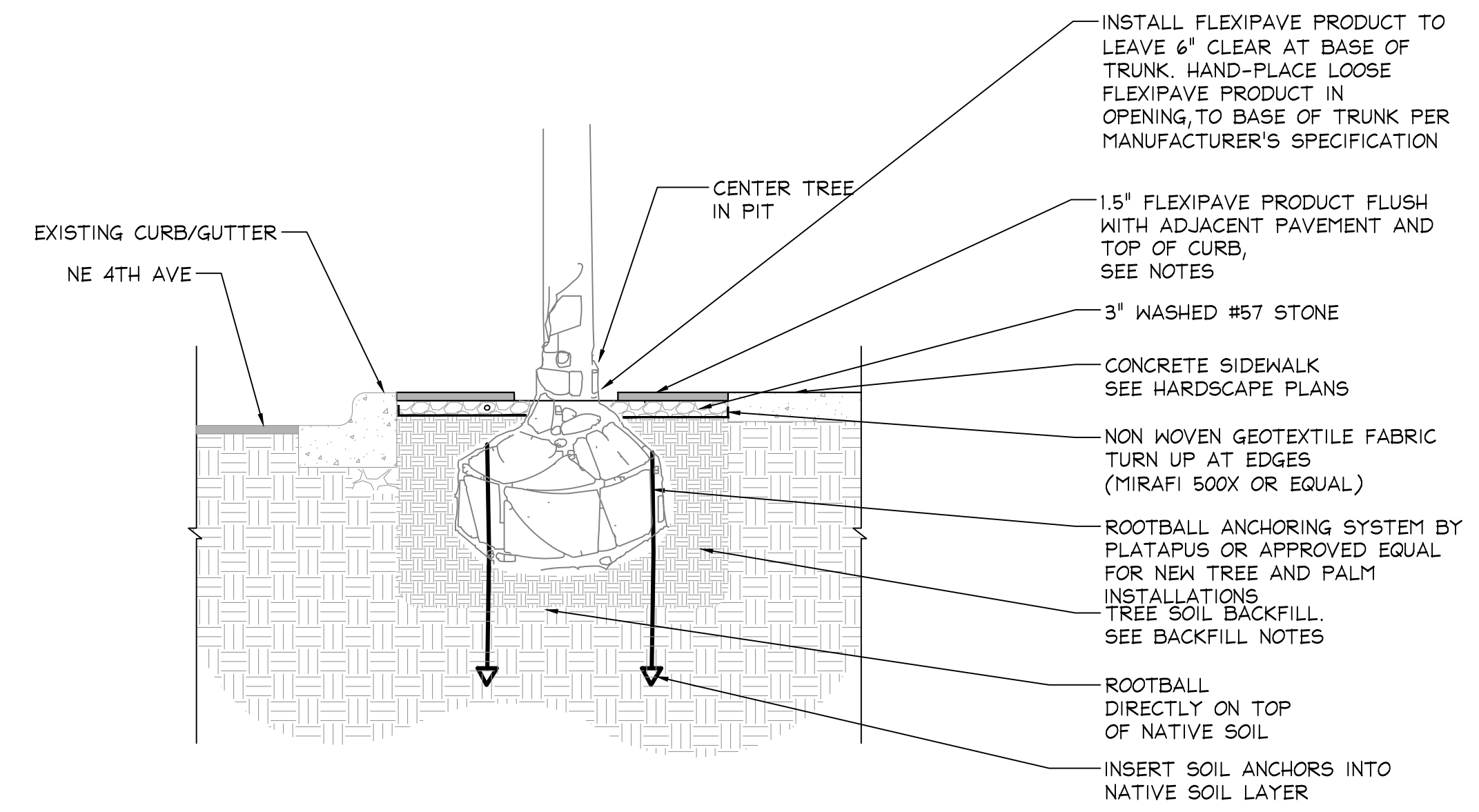


- NOTES FOR CONCRETE SIDEWALK ON CURBED ROADWAYS**
- CONSTRUCT SIDEWALKS IN ACCORDANCE WITH SPECIFICATION SECTION 522.
 - INCLUDE DETECTABLE WARNINGS ON SIDEWALK CURB RAMP AND CONSTRUCT IN ACCORDANCE WITH INDEX NO. 304.
 - DETECTABLE WARNINGS ARE NOT REQUIRED WHERE SIDEWALKS INTERSECT URBAN FLARED TURNOUTS.
 - BOND BREAKER MATERIAL CAN BE ANY IMPERMEABLE COATED OR SHEET MEMBRANE OR PREFORMED MATERIAL HAVING A THICKNESS OF NOT LESS THAN 6 MILS NOR MORE THAN 1/2".
 - FOR TURNOUTS SEE INDEX NO. 515.
 - CONSTRUCT SIDEWALKS WITH 1" THICK EDGE BEAM THROUGH THE LIMITS OF ANY SURFACE MOUNTED PEDESTRIAN/BICYCLE PICKET RAILING OR PIPE GUIDERAIL SHOWN IN THE PLANS.

CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS <small>500 North Andrews Avenue, Fort Lauderdale, Florida, 33301</small>	CONCRETE SIDEWALK SHEET 2	ROAD 036 2017/03/11
	PROJECT # 12557 NE 4TH AVENUE STREETSCAPE PROJECT E SUNRISE BLVD TO NE 13TH ST FORT LAUDERDALE, FL HARDSCAPE PLAN	

B CONCRETE SIDEWALK ON CURBED ROADWAYS

NTS



- RUBBERIZED TREE PIT NOTES:**
- IRRIGATION BUBBLERS: INSTALL TWO (2) 4" ROUND RWS BUBBLERS, SPACED EQUALLY AROUND THE TREE. REFER TO IRRIGATION PLANS AND DETAILS TOP OF RWS GRATE TO BE FLUSH WITH FLEXIPAVE SURFACE.
 - RUBBERIZED TREE PIT PRODUCT BY KBI INDUSTRIES INC. 1 (777) 723-3300 FLEXIPAVE HD2000 THICKNESS: 1.5" - OR AS REQUIRED BY MANUFACTURER COLOR: CYPRESS QUANTITY: 60 SQUARE PITS (5'x5')
 - FILL VOID BETWEEN RUBBERIZED TREE PIT PRODUCT AND TOP OF ROOT BALL PER DETAIL.
 - KBI QUALIFIED INSTALLER.

C FLEXIPAVE TREE PIT TREATMENT

NTS

Kimley Horn
 1920 WEKIVA WAY #200
 WEST PALM BEACH, FL 33411
 PHONE: 561-845-0665 FAX: 561-330-2245
 WWW.KIMLEY-HORN.COM
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NO.	DATE	BY	CHKD	DESCRIPTION

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 FORT LAUDERDALE, FL
 HARDSCAPE PLAN

SHEET NO.
L2.08

SIGN FABRICATION AND INSTALLATION NOTES:

1. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. SIGN CONTRACTOR TO VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN IN CONTRACT DOCUMENTS.
2. FOR ALL SIGNS INSTALLED WITHIN FDOT R/W: WORK TO BE PERFORMED IN ACCORDANCE WITH FDOT STANDARD PLANS AND STANDARD SPECIFICATIONS. REFER TO FDOT GENERAL NOTES.
3. SIGN CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO ISSUING SHOP DRAWINGS. CONTRACTOR TO NOTIFY THE CITY AND KIMLEY-HORN OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS PRIOR TO FABRICATION.
4. ALL COLORS AND FINISHES ARE TO BE APPROVED BY THE CITY AND/OR CITY'S REPRESENTATIVE PRIOR TO THE PRODUCTION OF THE SIGN UNITS.
5. CONTRACTOR TO PROVIDE FINISHED SAMPLES OF ALL COLORS ON A MOCK-UP SIGN SAMPLE FOR APPROVAL PRIOR TO COMMENCING FABRICATION OF THE ENTIRE SIGN PROGRAM. MATERIAL SAMPLES SHALL BE PRESENTED TO THE CLIENT PRIOR TO FULL-SCALE FABRICATION FOR CLIENT APPROVAL. EXAMPLE OF WELDS, ATTACHMENTS, AND FINISHES SAMPLES FEATURING ALL COLORS ARE REQUIRED.
6. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING POTENTIAL UNDERGROUND UTILITY CONFLICTS PRIOR TO EXCAVATION. CONTACT SUNSHINE 811 BEFORE DIGGING AND COORDINATE WITH CITY PRIOR TO COMMENCING EXCAVATION.
7. CONTRACTOR TO FIELD-CONFIRM MINIMUM 3'-0" CLEARANCE TO LOWEST OVERHEAD UTILITY.
8. CONTRACTOR TO RESTORE LANDSCAPED AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, MATCHING EXISTING TURF SPECIES AND EXISTING PLANT MATERIAL SPECIES TO THOSE DAMAGED AT EACH LOCATION.
9. CONTRACTOR TO AVOID ENCRoACHMENT ONTO NON-CITY PROPERTIES OUTSIDE OF THE R/W. CONTRACTOR IS RESPONSIBLE TO REPAIRING ALL DAMAGE TO ADJACENT PROPERTIES THAT ARE CAUSED BY CONSTRUCTION ACTIVITIES FOR THIS PROJECT.
10. CONTRACTOR, AT HIS OWN EXPENSE, MAINTAIN TRAFFIC ACCESS ALONG ADJACENT ROADS, AND PEDESTRIAN ACCESS ALONG SIDEWALKS. COORDINATE WITH FDOT AND CITY PERMIT REQUIREMENTS FOR MAINTENANCE OF PEDESTRIAN AND VEHICULAR TRAFFIC REQUIREMENTS.
11. CONTRACTOR TO COORDINATE WITH CITY OF FORT LAUDERDALE URBAN FORESTER FOR ANY NECESSARY TREE TRIMMING REQUIRED TO INSTALL PROPOSED SIGNS OR TO ENHANCE VISIBILITY TO PROPOSED SIGNS. CITY CREWS WILL PERFORM TREE PRUNING.
12. SIGN CONTRACTOR IS RESPONSIBLE FOR PERMITTING ALL SIGNS THROUGH THE CITY OF FORT LAUDERDALE, INCLUDING ENGINEERING FOR FOUNDATIONS AND SIGN STRUCTURES. PERMITS FOR IMPLEMENTING SIGNS IN FDOT R/W WILL BE OBTAINED PRIOR TO CONSTRUCTION BY THE CITY AND EOR.
13. PAINTS, COLORS, MATERIALS SHOWN IN ELEVATIONS ARE CONTINUOUS AROUND EDGES AND CONTINUOUS FACES. ALL PAINTS BE APPLIED WITH A CLEAR UV PROTECTANT.
14. TYPEFACES WILL NOT BE SUPPLIED TO THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE LICENSED EDITION FOR THEIR OWN USE.
15. ALL WORKMANSHIP SHALL BE SQUARE AND TRUE WITH A HIGH DEGREE OF ARCHITECTURAL FINISH. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT ALL RAW MATERIALS FOR DEFECTS PRIOR TO FABRICATION. WORKMANSHIP AND FINISHING WILL BE INSPECTED BEFORE TRANSPORTATION TO THE SITE AS WELL AS AFTER INSTALLATION. RESPONSIBILITY FOR DEFECTS IN MATERIALS, FABRICATION, OR FINISHING WILL BE ASSUMED BY THE CONTRACTOR.
16. FASTENING HARDWARE SHALL BE STAINLESS STEEL OR HEAVY COAT GALVANIZED STEEL. FASTENING HOLES IN SIGN FACES AND STRUCTURES SHALL BE PRE-DRILLED AND DE-BURRED PRIOR TO PAINT FINISHING.
17. ALL STRUCTURAL WELDING SHALL BE EXECUTED TO BEST TRADE PRACTICE. WELDS MUST BE CLEANED AND GROUND SMOOTH AS NECESSARY TO FACILITATE PROPER FIT AND FINISHING.

PROVIDED DOCUMENTS

THE SUCCESSFUL CONTRACTOR WILL BE PROVIDED DESIGN TEMPLATES FOR USE IN PRODUCTION (ONE FOR EACH SIGN TYPE). THESE FILES WILL INCLUDE ALL GRAPHICS AND LOGOS IN VECTOR FORMAT AS WELL AS PANTONE COLOUR SPECIFICATIONS. IT WILL BE THE RESPONSIBILITY OF THE FABRICATOR TO PURCHASE A LICENSE FOR ALL FONTS FOR USE OF THE EDITABLE TEMPLATES.

GENERAL STRUCTURAL NOTES:

2020 FLORIDA BUILDING CODE
LOAD CRITERIA:

BASIC WIND SPEED = 170 MPH (3-SECOND GUST)
STRUCTURE CLASS II
EXPOSURE CATEGORY C

CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT EXISTING DIMENSIONS, ELEVATIONS AND SITE CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATION. ALL DISCREPANCIES SHALL BE REPORTED TO THE OWNER AND THE OWNER'S ENGINEER.

SUBMIT ORIGINAL SHOP DRAWINGS, INCLUDING COMPLETE DETAILS, SCHEDULES OF FABRICATION AND ASSEMBLY, PROCEDURES, AND DIAGRAMS. INCLUDE DETAILS OF CUTS, CONNECTIONS, CAMBER, HOLE, AND OTHER PERTINENT DATA. INDICATE WELDS BY STANDARD AWS A2.1 AND A2.4 SYMBOLS, AND SHOW SIZE, LENGTH, AND TYPE OF WELD.

CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY AREAS THAT ARE DISTURBED AS A RESULT OF THE WORK ASSOCIATED WITH THE INSTALLATION OF THE TOWER MODIFICATIONS.

STRUCTURE WILL COMPLY TO THE FLORIDA DEPARTMENT OF TRANSPORTATION, PLANS PREPARATION MANUAL, VOLUME 1, CHAP 9.5.

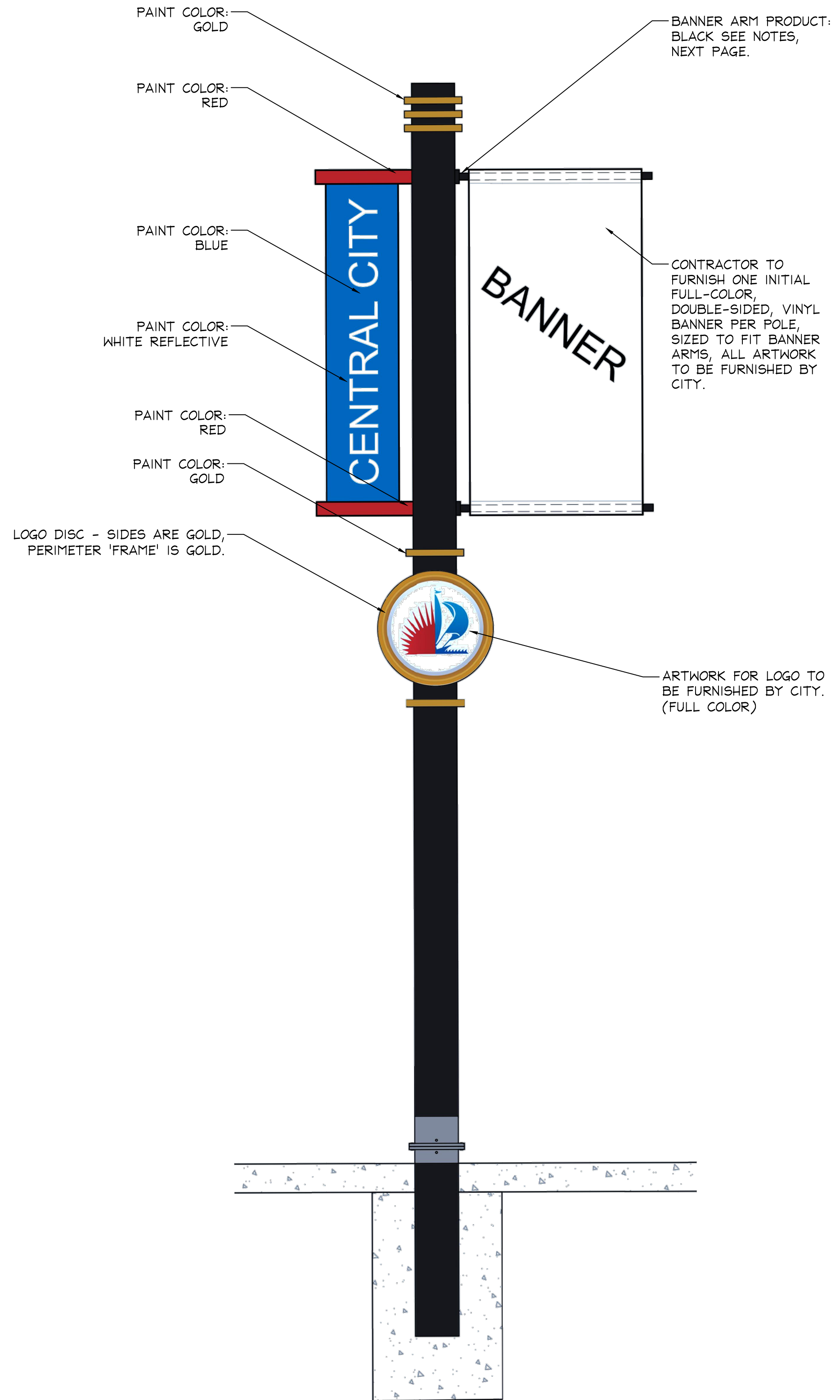
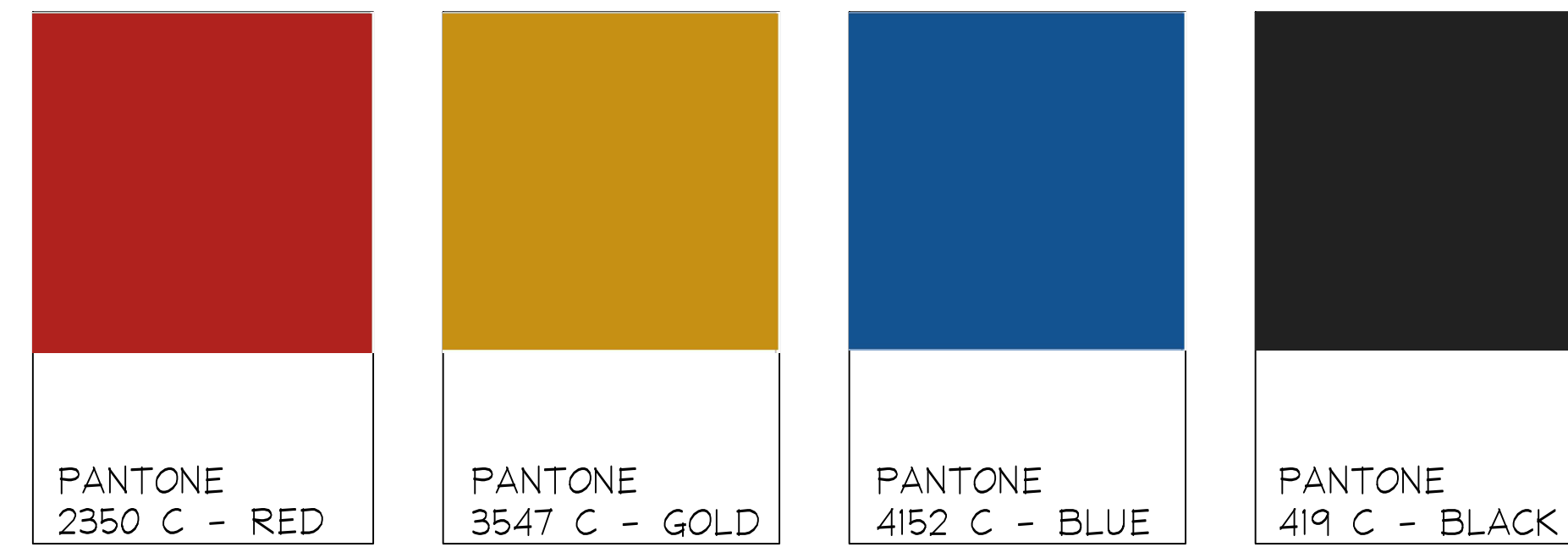
EARTHWORK:

1. PERFORM EARTHWORK IN COMPLIANCE WITH APPLICABLE REQUIREMENTS OF GOVERNING AUTHORITIES HAVING JURISDICTION.
2. LOCATE EXISTING UNDERGROUND UTILITIES IN THE AREAS OF WORK BEFORE STARTING EARTHWORK OPERATIONS. WHERE UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF PROTECTION DURING EARTHWORK OPERATIONS.
3. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGES CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY EARTHWORK OPERATIONS.
4. SOIL MATERIALS FOR USE AS BACKFILL AND FILL SHALL BE SAND OR SAND-GRAVEL MIXTURES FREE OF ROCK OR GRAVEL LARGER THAN SIX INCHES IN ANY DIMENSION, DEBRIS, WASTE, VEGETABLE, AND OTHER DELETERIOUS MATTER. NOT MORE THAN 10% OF THE BACKFILL MATERIAL SHALL PASS THE U.S. STANDARD NO. 200 SIEVE.
5. UNSUITABLE MATERIALS AS DETERMINED BY THE ENGINEER, SUCH AS PEAT, MUCK, ROOTS, LOGS, DEBRIS, BRUSH, SOD, CLAY, LOAM OR OTHER SIMILAR MATERIALS, SHALL NOT BE USED.
6. EXISTING UNSUITABLE MATERIALS AS DETERMINED BY THE ENGINEER OCCURRING BENEATH STRUCTURE FOUNDATIONS SHALL BE REMOVED AND REPLACED WITH COMPACTED FILL IN ACCORDANCE WITH THE APPLICABLE COMPACTION CRITERIA.
7. PREVENT SURFACE WATER AND SUBSURFACE OR GROUNDWATER FROM FLOWING INTO EXCAVATIONS, AND FLOODING THE PROJECT SITE AND SURROUNDING AREA. DO NOT ALLOW WATER TO ACCUMULATE IN EXCAVATIONS. REMOVE WATER FROM EXCAVATIONS TO PREVENT SOFTENING OF FOUNDATION BOTTOMS, UNDERCUTTING FOOTINGS, AND SOIL CHANGES DETRIMENTAL TO THE STABILITY OF SUBGRADES AND FOUNDATIONS. PROVIDE AND MAINTAIN PUMPS, WELL POINTS, SUMPS, SUCTION AND DISCHARGE LINES, AND OTHER DEWATERING SYSTEM COMPONENTS NECESSARY TO CONVEY THE WATER AWAY FROM THE SITE.

REINFORCED CONCRETE:

1. ALL CONCRETE MATERIALS, PLACING AND HANDLING SHALL BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE PUBLICATIONS ACI 301 AND ACI 318.
2. CURING OF CONCRETE SHALL BE IN STRICT ACCORDANCE WITH ACI 301 PROVISIONS.
3. ALL STRUCTURAL CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF OF 4000 PSI.
4. USE NORMAL WEIGHT CONCRETE (135 PCF MIN.) FOR ALL STRUCTURAL MEMBERS. DO NOT USE CALCIUM CHLORIDE IN ANY CONCRETE. ALL STRUCTURAL CONCRETE SHALL HAVE A MAXIMUM WATER/CEMENT RATIO OF 0.45
5. PROVIDE A 4 INCH SLUMP WITH A TOLERANCE OF +/- 1 INCH.
6. IF CONCRETE IS PUMPED, SLUMP MAY BE INCREASED TO 6 INCHES AT THE TRUCK, PROVIDED THE SLUMP SPECIFIED ABOVE IS MAINTAINED AT THE DISCHARGE END. USE A MINIMUM 4 INCH PUMP. FOR PUMPED CONCRETE, TAKE CONCRETE SAMPLES FOR SLUMP TEST AT END OF TRUCK CHUTE AND AT DISCHARGE END OF HOSE, AND TAKE SAMPLES FOR CYLINDER TESTING AT DISCHARGE END OF HOSE.
7. WATER SHALL NOT BE ADDED TO CONCRETE AT THE JOBSITE UNLESS SPECIFIC AUTHORIZATION IS INDICATED ON THE DELIVERY TICKET. NOTIFY ENGINEER OF TOTAL QUANTITY OF WATER ADDED TO ANY TRUCK. REPEAT NECESSARY TESTING IF WATER IS ADDED AFTER INITIAL SAMPLING.
8. COARSE AGGREGATE SHALL CONFORM TO ASTM C33. PEAROCK AGGREGATE SHALL NOT BE USED.
9. ALL CONCRETE SHALL BE PLACED IN THE DRY. ALL FORMS SHALL BE FREE OF STANDING WATER.
10. ALL CONCRETE SHALL BE VIBRATED IN PLACE IN ACCORDANCE WITH ACI RECOMMENDED PRACTICES. NO PLACING OF CONCRETE WILL BE COMMENCED UNLESS THERE ARE TWO OPERABLE CONCRETE VIBRATORS ON THE JOB SITE.
11. CONCRETE COVER OVER REINFORCING STEEL SHALL BE AS FOLLOWS, U.O.N.: CONCRETE CAST AGAINST EARTH 3 IN. ALL OTHER CONCRETE 2 IN.
12. PROVIDE 3/4 INCH CHAMFERS ON ALL EXPOSED EDGES, EXCEPT AS OTHERWISE NOTED. FORM TIES AND REINFORCING BAR SUPPORTS SHALL BE OF NON-CORROSIVE MATERIAL INCLUDING, BUT NOT LIMITED TO, FIBERGLASS, PLASTIC, AND CONCRETE BLOCK. BAR SUPPORTS PLACED ATOP
13. ANY TIES, STRAPS OR OTHER METALLIC FORMWORK ITEMS SHALL BE REMOVED TO A DEPTH OF 1-1/2 INCHES MINIMUM BELOW FINISHED CONCRETE SURFACE. CONCRETE

COLORS



ALTERNATE BID ITEM

Kimley Horn
1920 WEKIVA WAY #200
WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX: 561-330-2245
WWW.KIMLEY-HORN.COM
REGISTRY #68
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TRANSPORTATION & MOBILITY
250 N.E. 3RD AVE., FORT LAUDERDALE, FL 33301

NO.	DATE	BY	CHKD	DESCRIPTION

PROJECT # 12557
NE 4TH AVENUE STREETSCAPE PROJECT
E SUNRISE BLVD TO NE 13TH ST
FORT LAUDERDALE, FL
POST MOUNT DISTRICT SIGN

SHEET NO.
L2.09

Plotted By: Hicks Jr., Darryl Sheet Set: NE 4th Avenue Layout: L2.09 POST MOUNT DISTRICT SIGN October 25, 2021 01:44:09pm K:\WPB JURCO\043184061 - NE 4th AVE FTL\CAD\Plansheets\L2.00 HARDSCAPE PLAN.dwg


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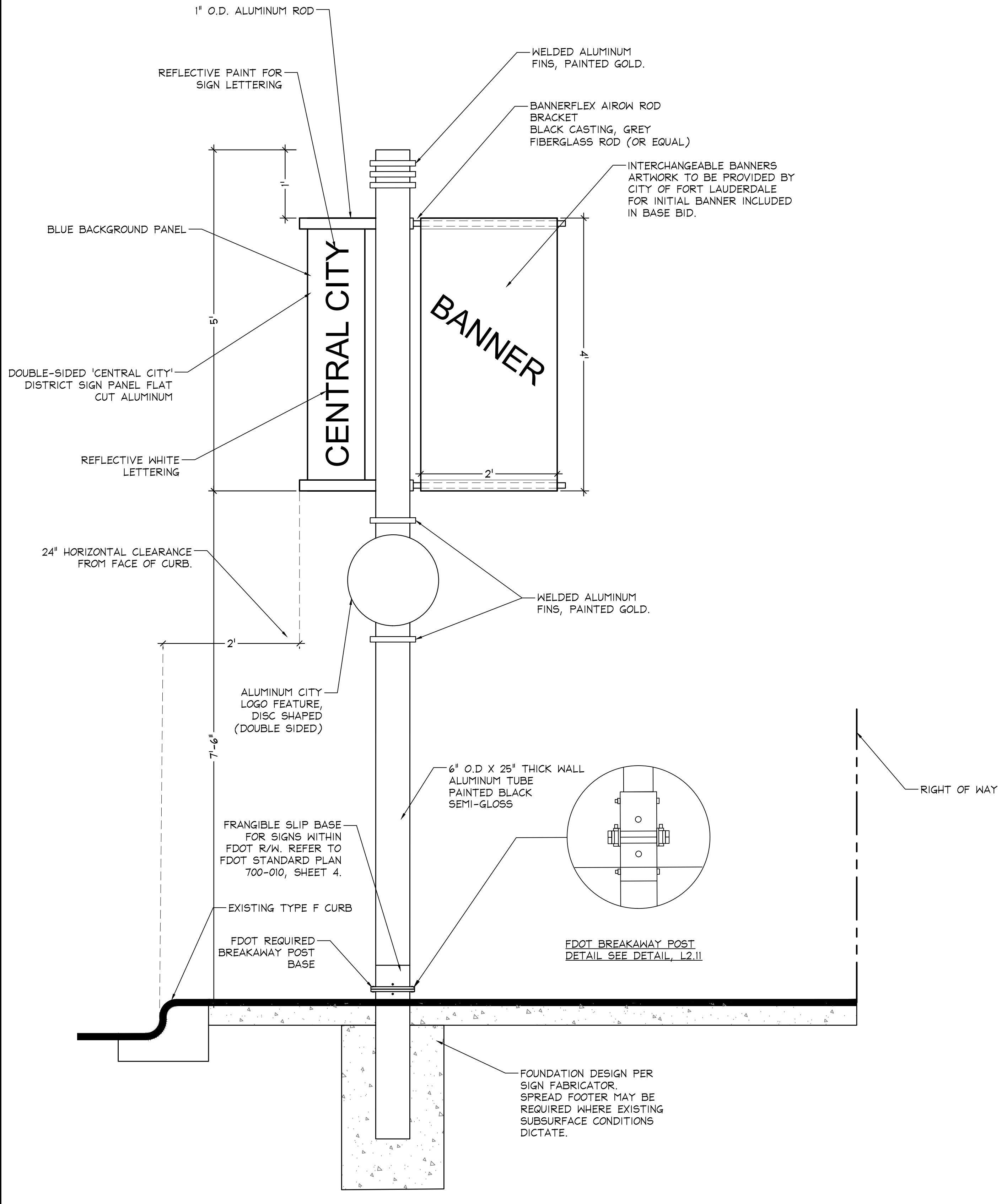
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POST MOUNT DISTRICT SIGN

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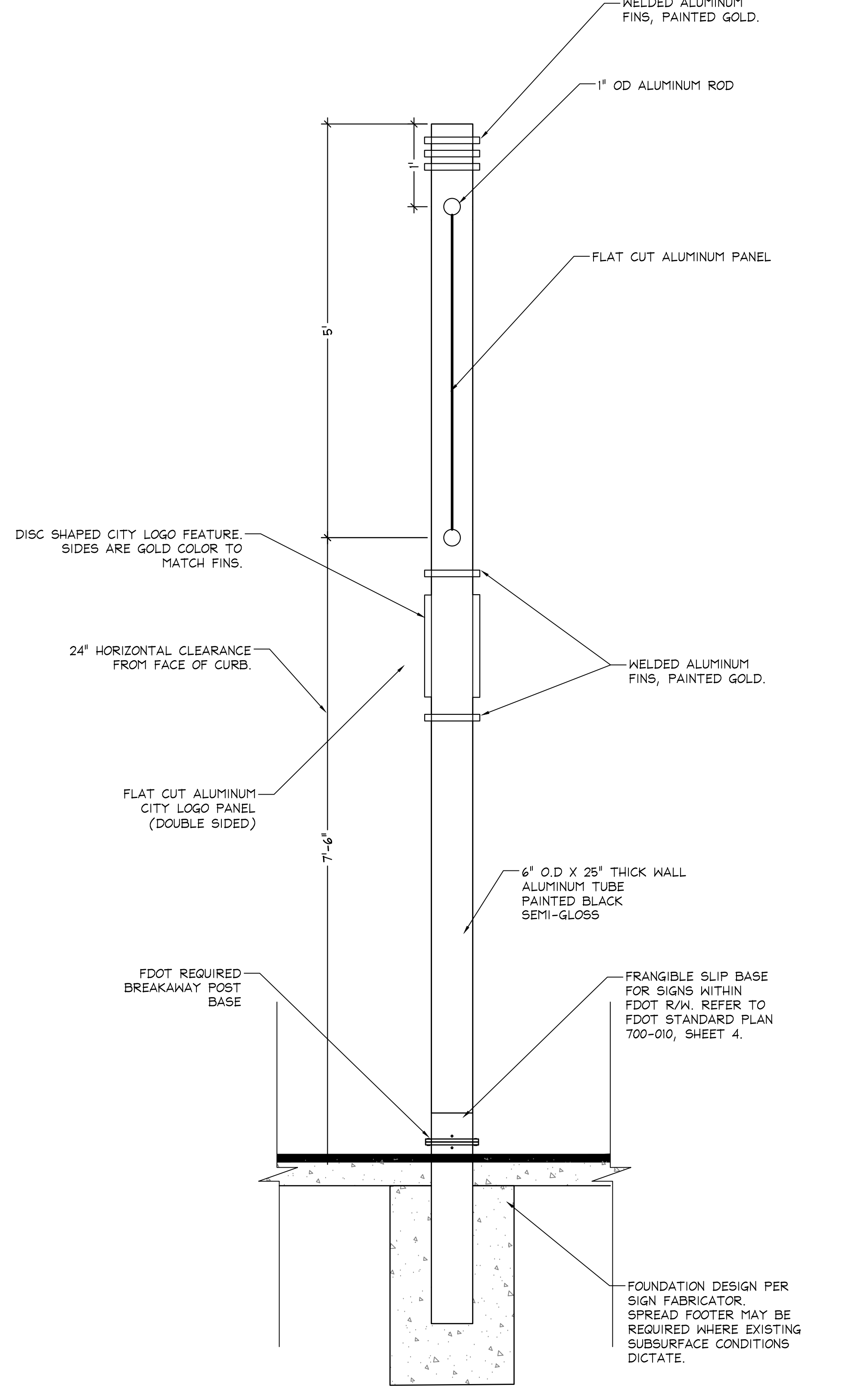


FRONT ELEVATION

SCALE: 1"=1'-0"

SIGN DESIGN NOTES:

- SIGN DESIGN AND STRUCTURE IS PRESENTED AS A 'DESIGN INTENT' DRAWING. CONTRACTOR SHALL USE THE GUIDANCE PROVIDED IN THIS PLAN SET TO PRODUCE ENGINEERED PERMIT DRAWINGS THAT MEET FLORIDA BUILDING CODE AND FOLLOW FABRICATION NOTES IN THIS SET.
- ALL SIGN ELEMENTS ARE TO BE ENGINEERED FOR WIND EXPOSURE C. FASTENING METHODS AND ATTACHMENT DESIGN TO BE SUBMITTED TO CITY AS PART OF THE CONTRACTOR'S ENGINEERED SIGN PACKAGE FOR STRUCTURAL PERMIT REVIEW AND APPROVAL.



SIDE ELEVATION

SCALE: 1"=1'-0"

ALTERNATE BID ITEM

NO.	DATE	BY	CHKD	DESCRIPTION

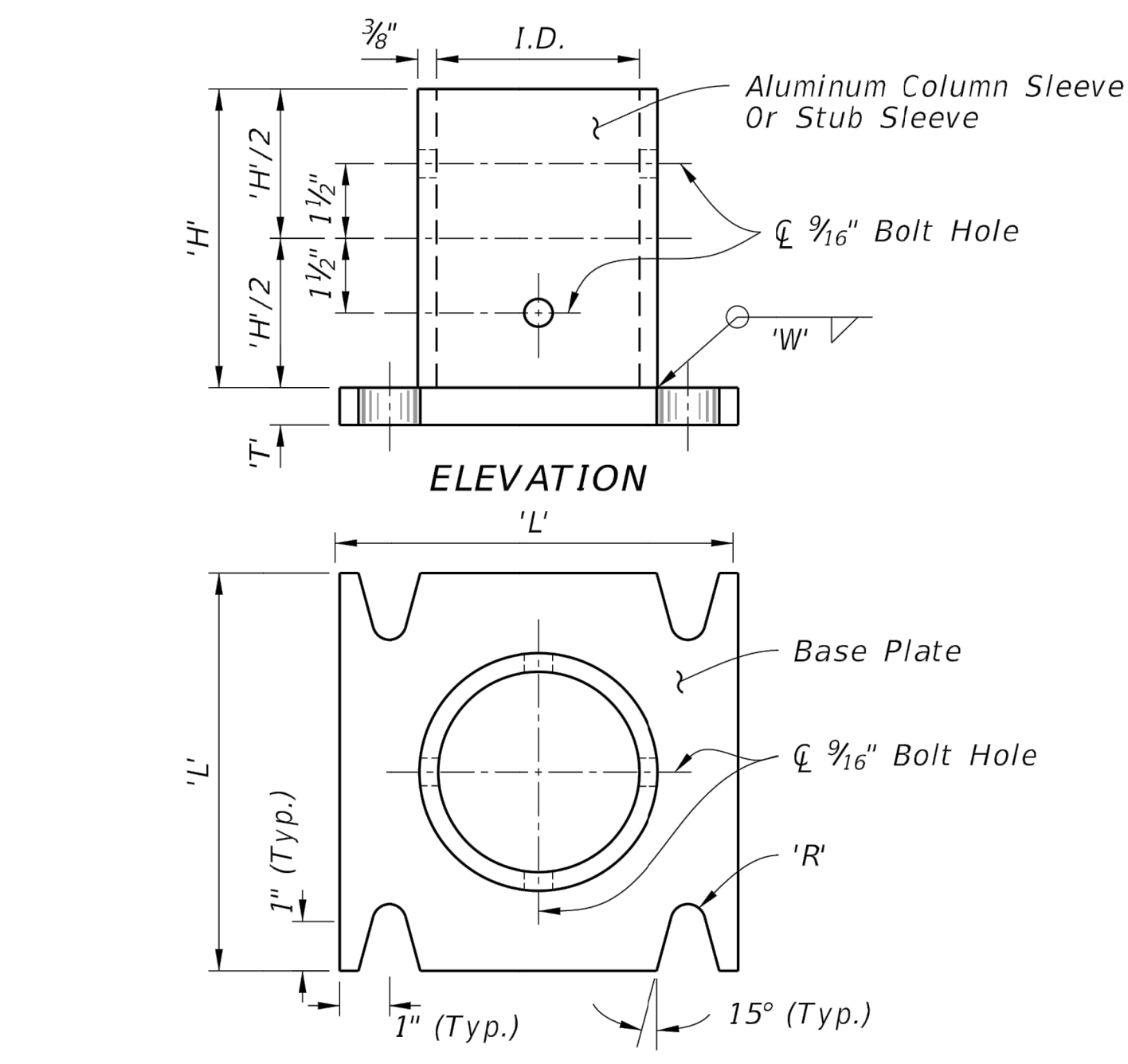
PROJECT # 12557
 NE 4TH AVENUE STREETSCAPE PROJECT
 E SUNRISE BLVD TO NE 13TH ST
 FORT LAUDERDALE, FL
 FDOT POST MOUNT DETAIL

SHEET NO.
L2.11

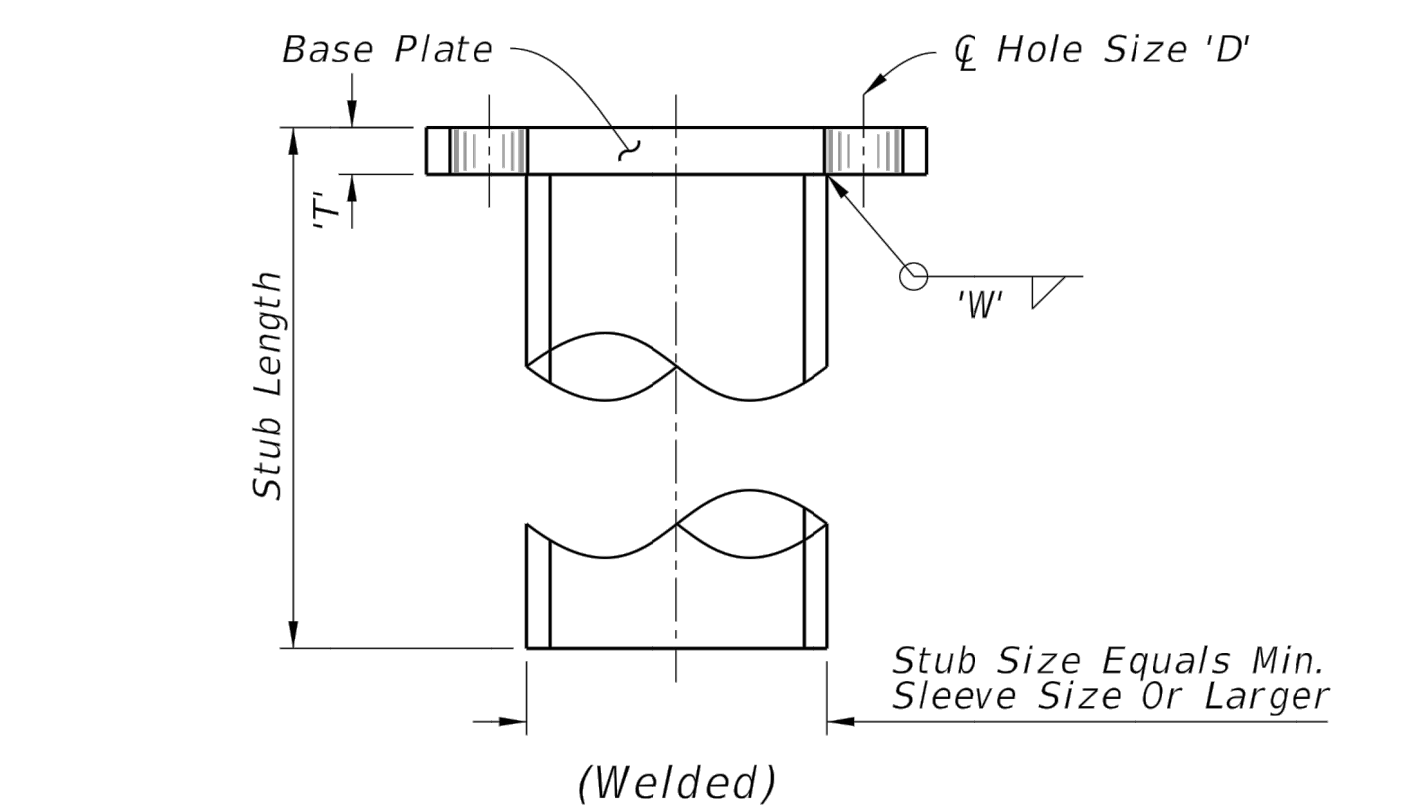
NOTES:

- Foundation Notes for Slip Base:**
 - Place Stub into concrete foundation given in the FOUNDATION TABLE using Class 1 Concrete.
- Slip Base Fabrication Notes:**
 - The difference between the O.D. of the post and I.D. of the Sleeve must be 1/16" or less.
 - The WELDED STUB BASE and lower STUB/SLEEVE BASE PLATE may be fabricated using galvanized steel as an option to aluminum. The upper portion of the SLIP BASE must be aluminum.
 - Either a Welded Stub Base or Bolted Stub/Sleeve Base may be used in Slip Base.
 - For cast base plates bolted to foundation stubs, use a foundation stub the same size as the sign column (Post).
- Slip-Base Assembly Instructions:**
 - Assemble the Slip Base as follows:
 - Insert Post into Sleeve and connect using 2 ~ 1/2" diameter Sleeve Bolts.
 - Assemble top base plate to bottom Base Plate using Base Bolts (High strength) with 3 washers per bolt. (See Detail 'A'):
 - Place one washer on each Base Bolt between the bottom Base Plate and the Base Bolt head.
 - Place the next washer between the Bottom Base Plate and the Bolt Keeper Plate.
 - Use brass or galvanized steel shims to plumb the post.
 - Add the top base plate section.
 - Place the third washer between the Top Base Plate and the Nut.
 - Orient the Bolt Keeper Plates in the Direction of Traffic.
 - Tighten Base Bolts as follows:
 - Tighten Base Bolts to the maximum possible with a 12" to 15" wrench (this will bed the washers and shims and clear the bolt threads).
 - Loosen each Base Bolt one turn.
 - Under the supervision of the Engineer, use a calibrated wrench to tighten bolts to the torque prescribed in the SLIP BASE DETAILS Table. Over tightened Base Bolts are not permitted.
 - Distort bolt threads at the junction with nuts to prevent loosening. Repair damaged galvanizing.
 - Obtain a tight sleeve connection by placing 4 galvanized steel shims between the column (post) and sleeve. Space the shims evenly around the perimeter of the column (1 between each bolt hole, 4 total). Use shims that are 1" shorter than the height of the sleeve.

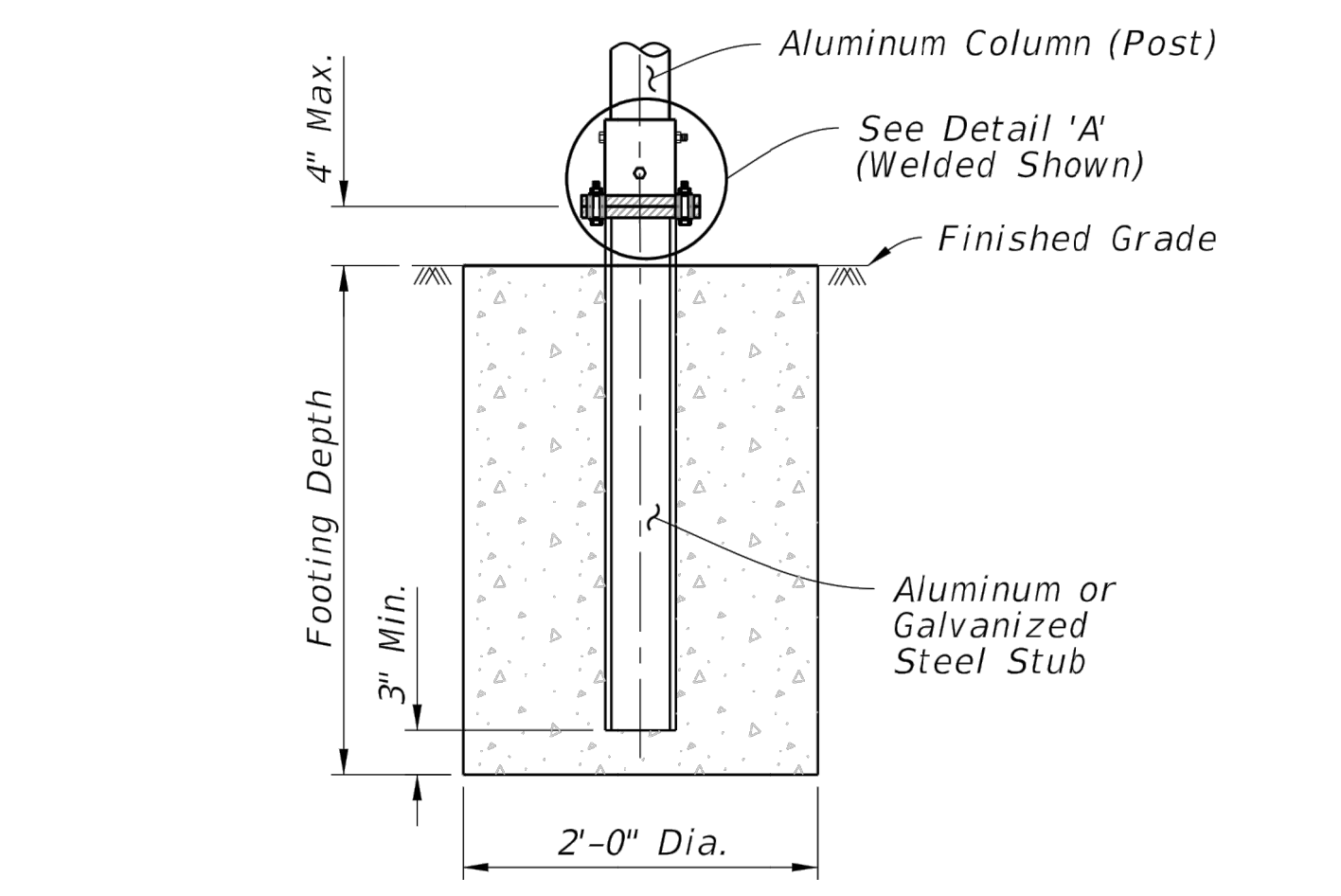
Provide 2~0.0149" Thick (28 gauge) and 2~0.0329" Thick (21 gauge) Brass Shims Per Post



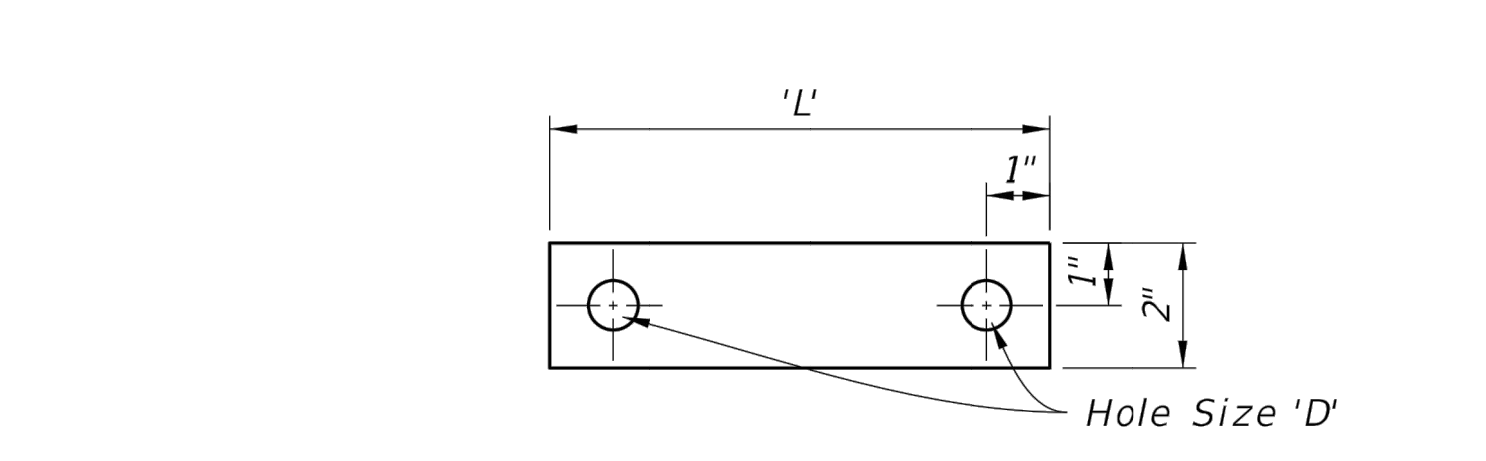
STUB/SLEEVE & BASE PLATE DETAILS
 (Welded Or Sandcast)



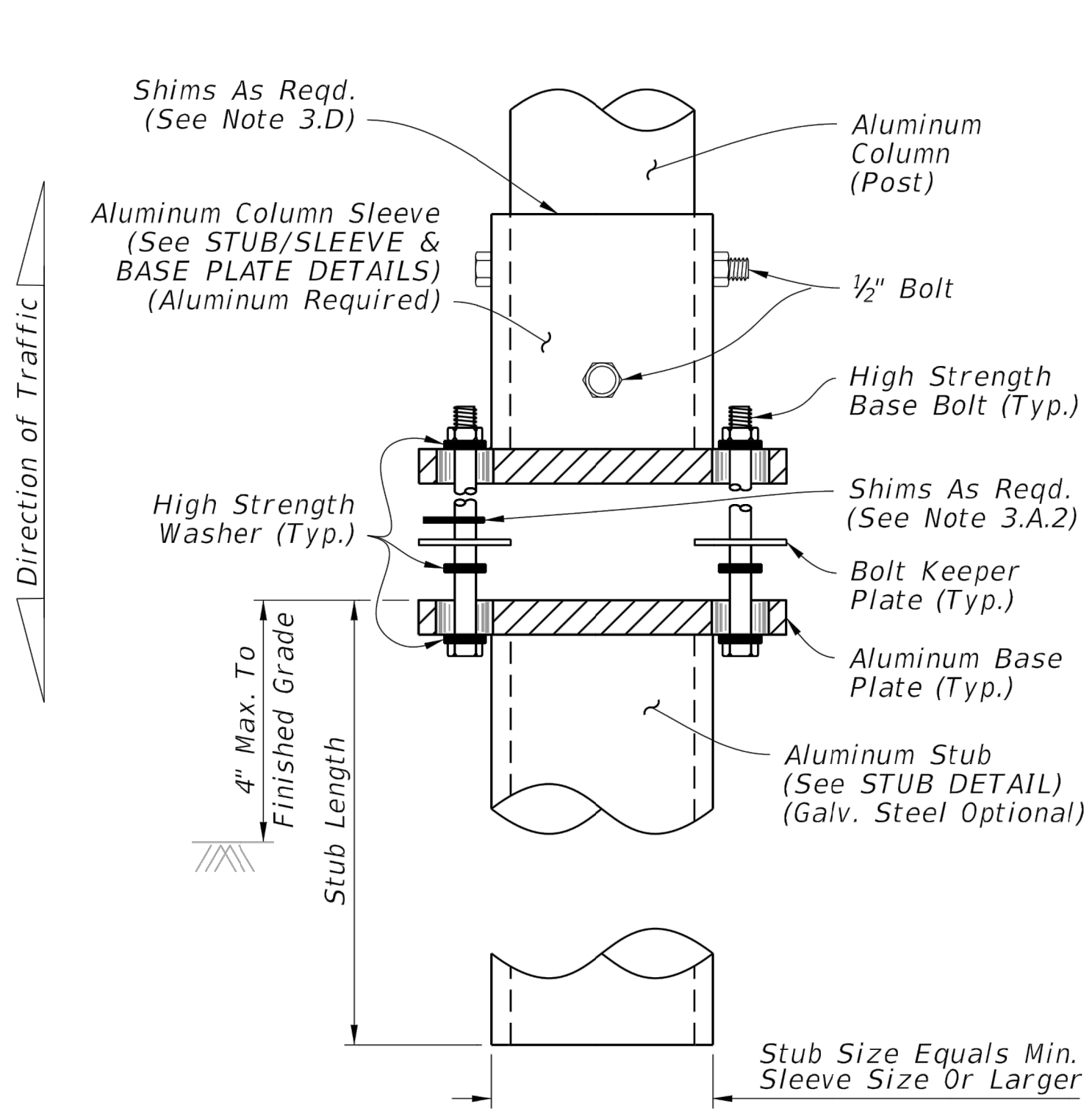
STUB DETAIL



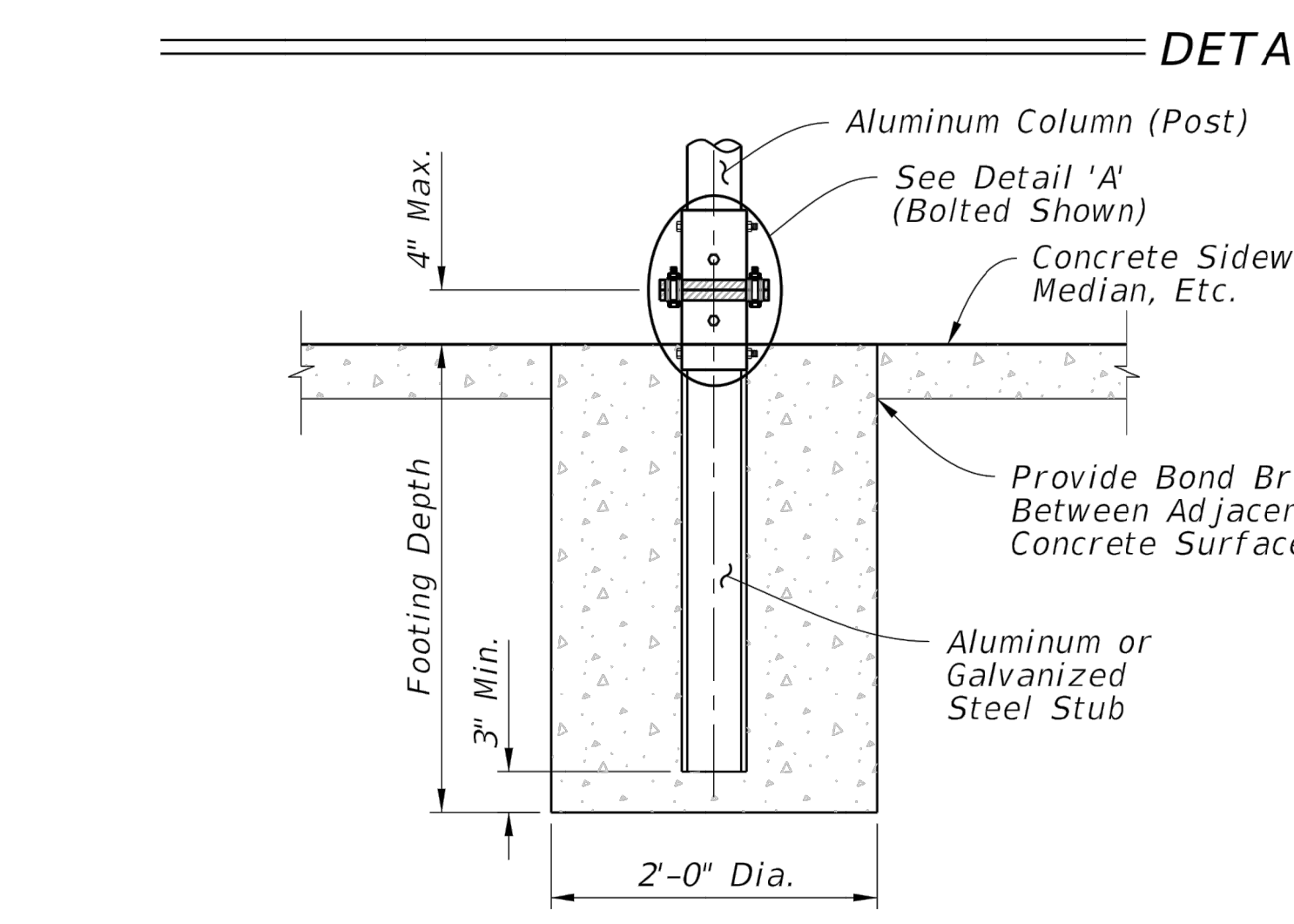
SLIP BASE AND FOUNDATION DETAIL
 (Non-Frangible Column, Typ.)



BOLT KEEPER PLATE DETAIL

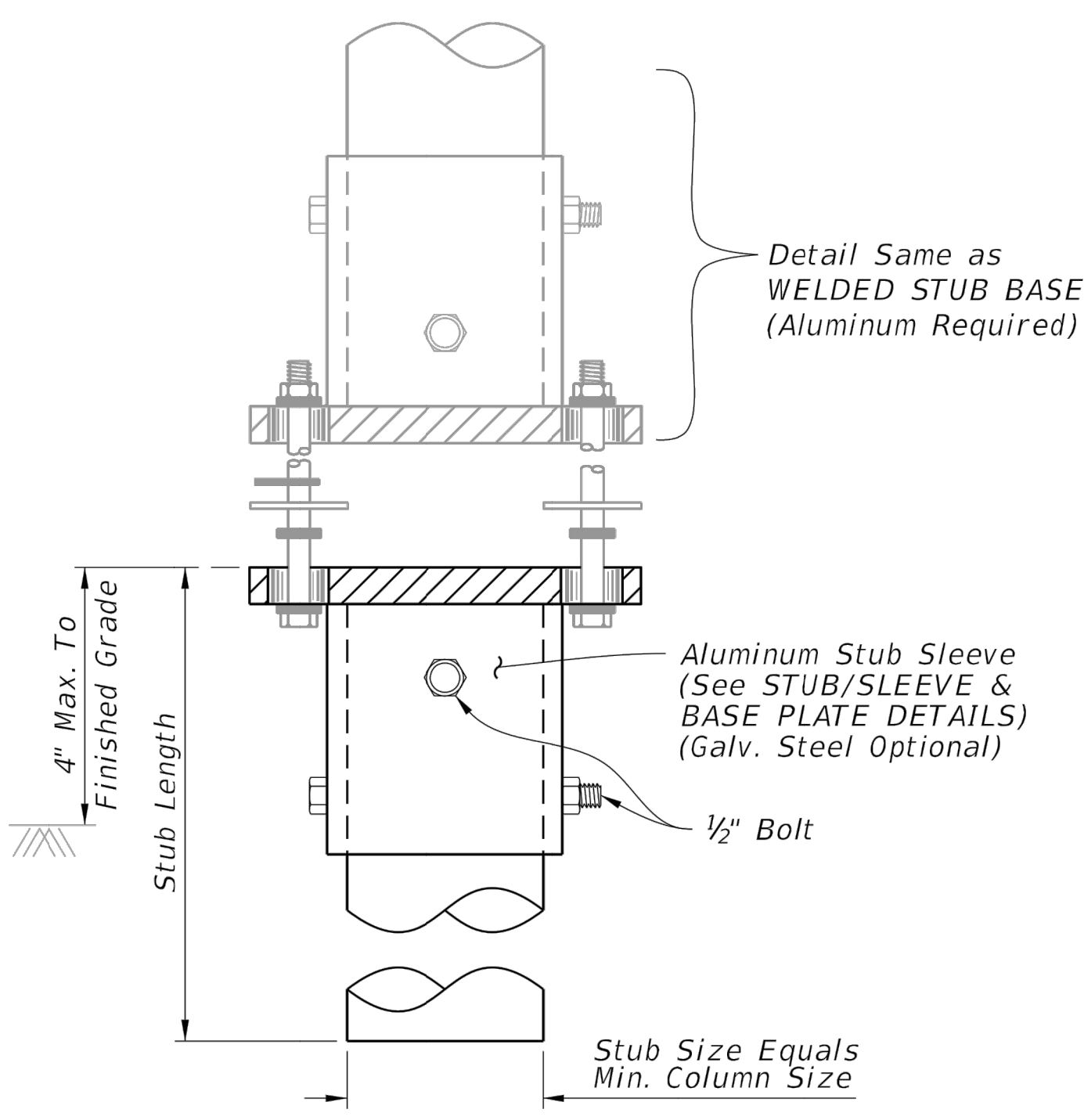


WELDED STUB BASE



SLIP BASE AND FOUNDATION DETAIL IN CONCRETE
 (Non-Frangible Column In Crossovers, Medians & Sidewalks)

SHIM DETAIL




BOLTED STUB/SLEEVE BASE

DETAIL 'A'

Column (Post) Size		SLIP BASE DETAILS												
Outside Dia.	Wall Thickness	Sleeve I.D. (Max.)	Sleeve Height 'H'	Weld 'W'	Base Plate 'L'	Base Plate 'T'	Radius 'R'	Base Bolt Size	Base Bolt Length	Base Bolt Torque ft.-lbs	Base Bolt Torque in.-lbs	Hole Size 'D'	SHIM	
													L	M
4"	1/4"	4 1/16"	6"	1/4"	8"	3/4"	1 1/32"	5/8"	3"	29	345	1 1/16"	1 3/8"	1 1/16"
4 1/2"	1/4"	4 9/16"	6"	1/4"	8"	7/8"	1 1/32"	5/8"	3 1/4"	29	345	1 1/16"	1 3/8"	1 1/16"
5"	1/4"	5 1/16"	7"	1/4"	8"	7/8"	1 1/32"	5/8"	3 1/4"	29	345	1 1/16"	1 3/8"	1 1/16"
6"	1/4"	6 1/16"	8"	1/4"	9"	1"	1 3/32"	3/4"	3 1/2"	46	554	1 3/16"	1 3/4"	1 3/16"
8"	1/4"	8 1/16"	10"	1/4"	11"	1"	1 5/32"	7/8"	3 3/4"	53	640	1 5/16"	2 3/8"	1 1/16"

SLIP BASE AND FOUNDATION DETAILS

LAST REVISION 11/01/20	DESCRIPTION:	 FY 2021-22 STANDARD PLANS	SINGLE COLUMN GROUND SIGNS	INDEX 700-010	SHEET 4 of 10
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- NOTES:**
- SLIP BASE AND FOUNDATION FROM FDOT STANDARD PLAN INDEX 700-010 TO BE USED TO FABRICATE SLIP BASE ASSEMBLY AND FOR REFERENCE GUIDE FOR A SHAFT FOOTING DESIGN, FOOTING DIMENSIONS AND DESIGN TO BE ENGINEERED BY CONTRACTOR FOR THE SIGN TYPES IDENTIFIED IN THESE DESIGN INTERNET DRAWINGS.
 - SPREAD FOOTING (SHALLOW DEPTH) MAY BE REQUIRED FOR SIGN INSTALLATION AT LOCATIONS WHERE FIELD CONDITIONS REVEAL CONFLICTS WITH SUBSURFACE CONDITIONS. CONTRACTOR TO DESIGN AND PERMIT AN ALTERNATE SPREAD FOUNDATION TO ACCOUNT FOR THESE POTENTIAL CONDITIONS.

ALTERNATE BID ITEM

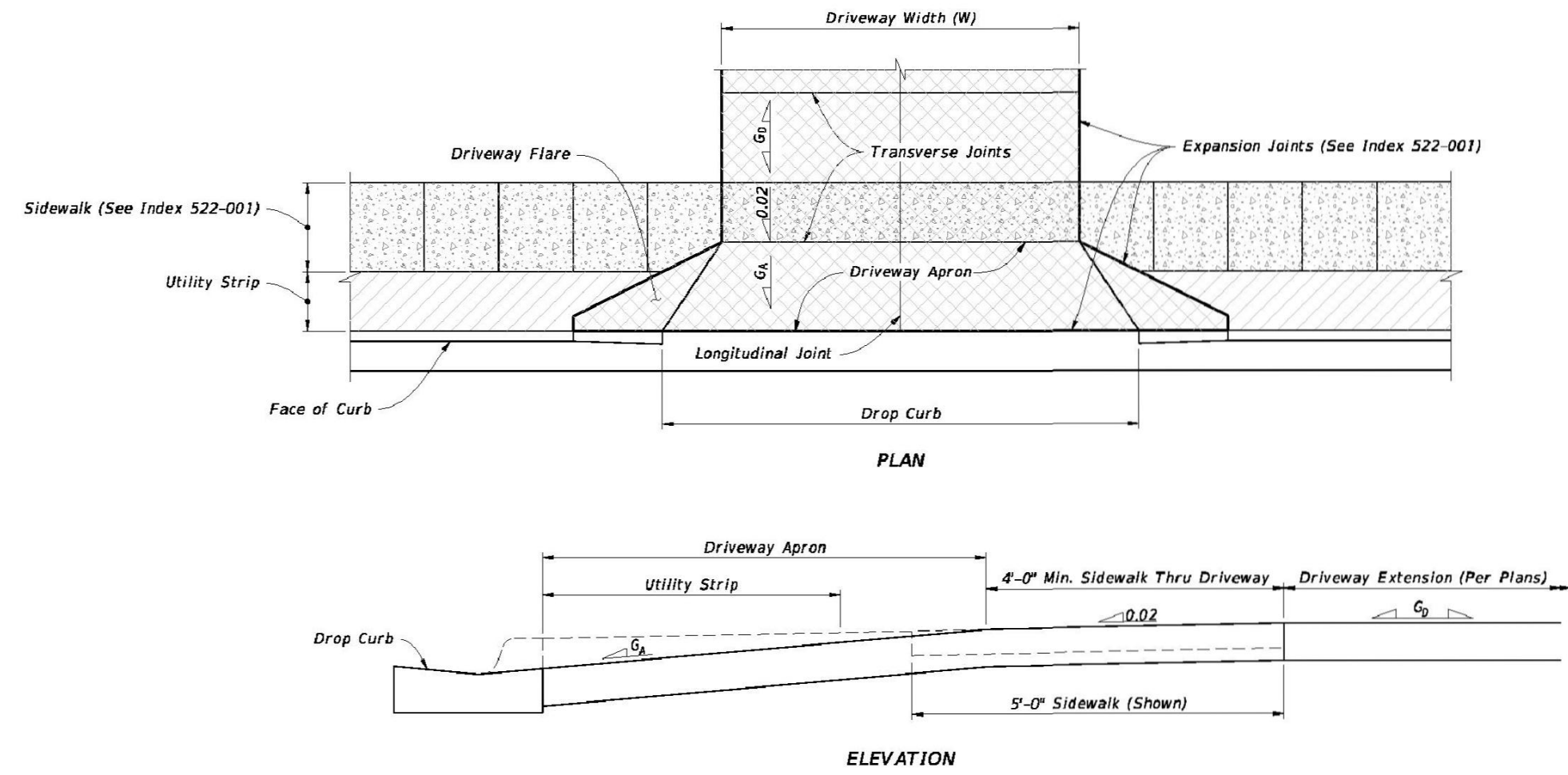
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GENERAL NOTES:

1. Work this Index with Specification 522.
2. Refer to Index 520-001 for drop curb details and Index 522-001 for joints between driveway, sidewalks, and curb.
3. Existing Curb and Gutter:
Remove existing curb and gutter to either the nearest Joint beyond the flared point or to where no remaining section is less than 5 feet long.
4. Grades and cross slopes shown are maximums.
5. Longitudinal Joints:
Construct 1/2" open joints placed at equal (20' max.) intervals for driveways over 20' wide. Match joints in curb and gutter to match joints in driveways.
6. Transverse Joints:
Construct 1/2" open joints @ 10' Centers and 1/2" expansion joints with preformed joint filler every 5th joint.
7. Construct driveways (6" thick concrete) to a uniform width (W) to the R/W line or the extent shown in the Plans.
8. Width of Sidewalk Thru Driveway is 4'-0" minimum. Match sidewalk width when shown in Plans or when utility strip width is equal to or greater than the depth of the Driveway Apron.
9. Alpha-Numeric Identification:
Concrete Flared Driveway Alpha-Numeric Identifications (e.g. C4) are provided for reference purposes in the Plans.

LEGEND:

- Sidewalk
- Flared Driveway (6" Thick Concrete)
- Sidewalk Thru Driveway (6" Thick Concrete)
- Utility Strip
- G_A Grade of Apron
- G_D Grade of Driveway (Per Plans)

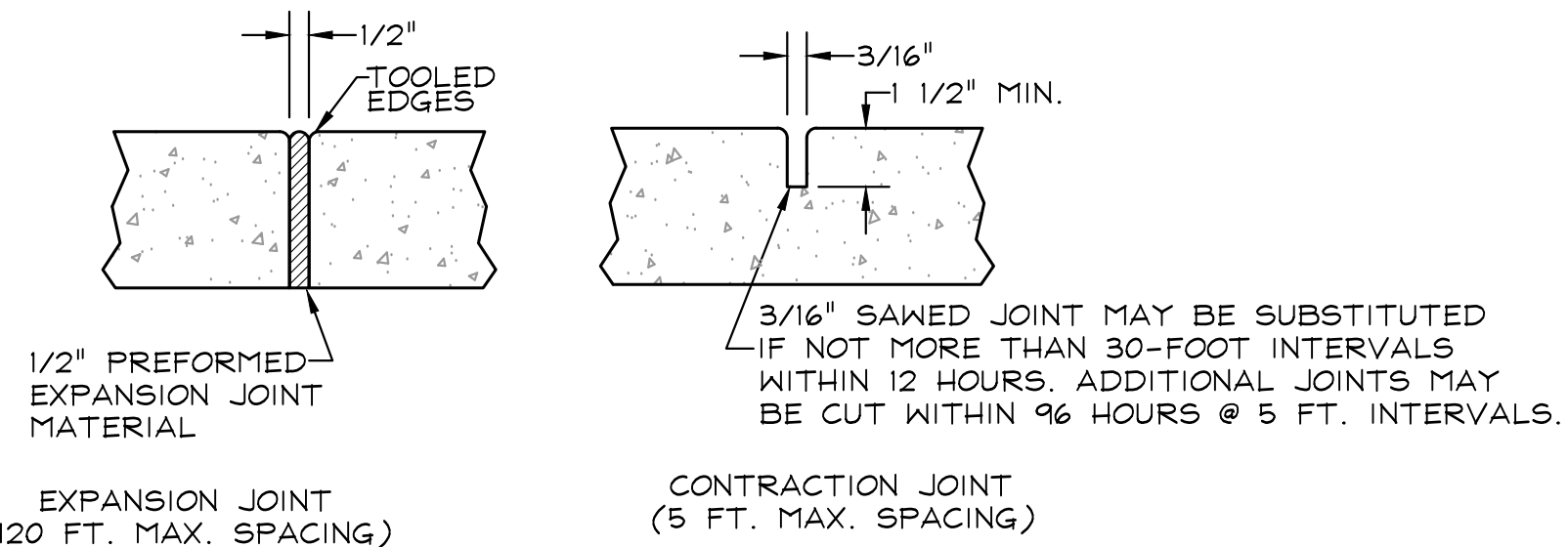


CONCRETE FLARED DRIVEWAY NOMENCLATURE

LAST REVISION 11/01/18	DESCRIPTION	FDOT FY 2021-22 STANDARD PLANS	INDEX 522-003	SHEET 1 of 4
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D CONCRETE FLARED DRIVEWAY

NTS

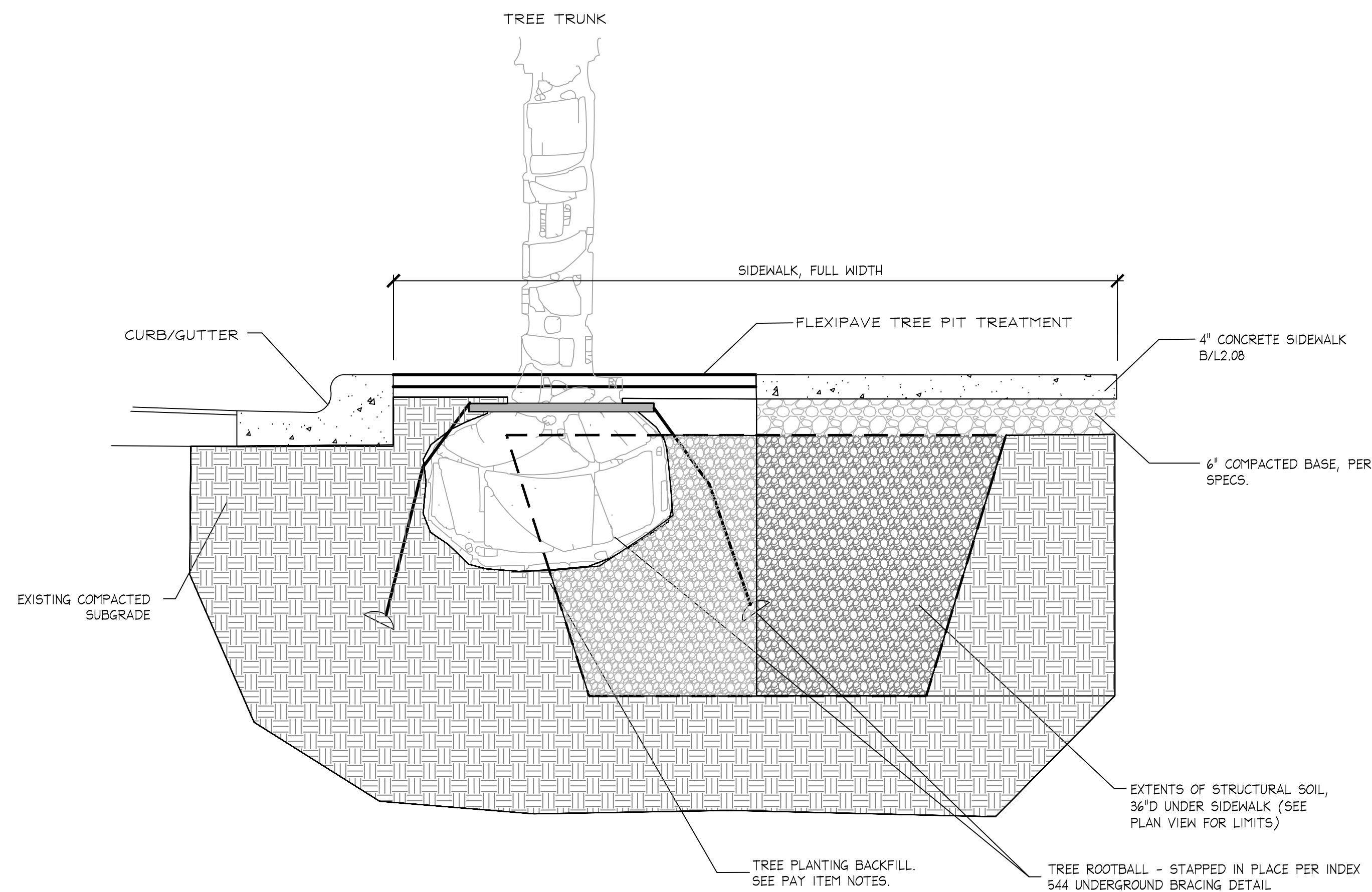


NOTES:

1. PROVIDE EXPANSION JOINTS BETWEEN NEW SIDEWALK AND EXISTING SIDEWALK, CURB, OR AT ANY OTHER RIGID STRUCTURE. EXPANSION JOINTS ALONG SIDEWALK SHALL BE PROVIDED AT 120' FT. MAXIMUM SPACING.
2. ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 3,000 P.S.I. @ 28 DAYS.
3. MINIMUM THICKNESS OF SIDEWALK SHALL BE AS SHOWN BELOW (WITH THICKENED EDGE AS SHOWN).
4. FOR SIDEWALKS WITH ANY VEHICULAR TRAFFIC, COMPACT SUBGRADE TO 98% OF MAXIMUM DENSITY AS DETERMINED BY ASTM1557. FOR SIDEWALKS WITH ONLY PEDESTRIAN TRAFFIC, COMPACTION MAY BE 95% OF MAXIMUM DENSITY.
5. TOOLED CONTRACTION JOINT SHALL BE PROVIDED AT 5 FT. MAXIMUM SPACING. SAWED CONTRACTION JOINT MAY BE SUBSTITUTED IF CUT AT NO MORE THAN 30 FT. INTERVALS WITHIN 12 HOURS AFTER CONCRETE HAS SET. ADDITIONAL CUTS @ 5 FT. INTERVALS MUST BE CUT WITHIN 96 HOURS.

E CONCRETE JOINTS

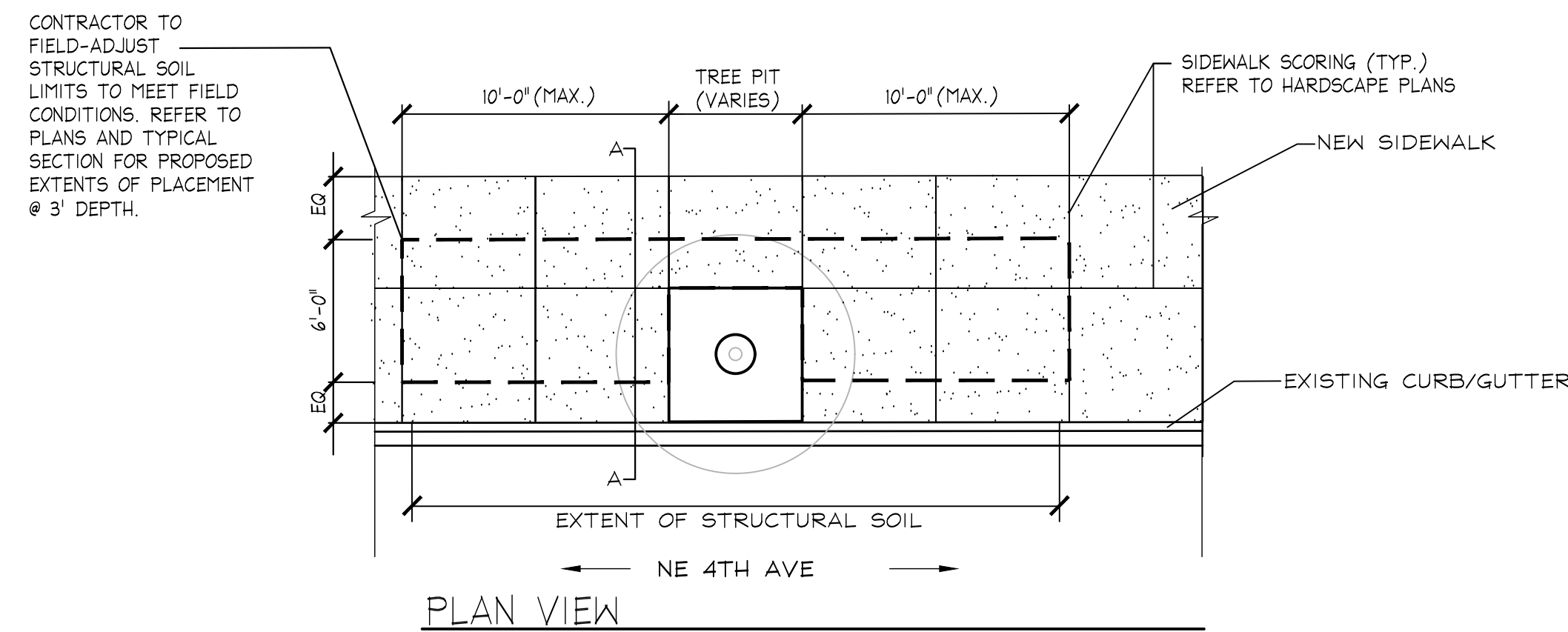
NTS



SECTION A

F STRUCTURAL SOIL - TREE PLANTERS ONLY

NTS



CU-STRUCTURAL SOIL MIX:

1. 80% CLEAN STONE AND 20% CLAY LOAM AND 0.3% HYDROGEL MIX.
 - 1.1. CLEAN STONE SHALL BE GRANITE GRADED 3/4"-1-1/2", HIGHLY ANGULAR WITH NO FINES.
 - 1.2. CLAY LOAM SHALL CONSIST OF 65% GRAVEL, 25%-30% SAND, 20%-40% SILT, AND 25%-40% CLAY, 2%-5% ORGANIC MATTER.
 - 1.3. HYDROGEL ACTS AS A TACKIFIER SO SOIL WILL STICK TO STONE.
2. MIX THE HYDROGEL AND CLEAN STONE FIRST, THEN MIX IN THE CLAY LOAM MIX.
3. INSTALL STRUCTURAL SOIL IN 6" LIFTS, COMPACTING EACH TO 95% STANDARD PROCTOR.
4. SUBMIT PRODUCT DATA AND SAMPLES FOR APPROVAL.

NO.	DATE	BY	CHKD	DESCRIPTION

Plotted By: Hicks Jr., Darryl Sheet Set: NE 4th Avenue Layout: L2.12 HARDSCAPE DETAILS October 25, 2021 01:44:40pm K:\WPB_LURC\04-184061 - NE 4th AVE FTL\CAD\Plansheets\L2.10 HARDSCAPE DETAILS.dwg 10/12/2020 7:58:11 AM