

SUWANNEE COUNTY SCHOOL BOARD

NEW DISTRICT OFFICE

LIVE OAK, FLORIDA 32064

PAVING & DRAINAGE NOTES:

1. SPECIFICATIONS:
 - 1.1. ALL NEW CONSTRUCTION SHALL CONFORM TO THE MOST RECENT FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS AND SPECIFICATIONS.
2. STORMWATER PIPE:
 - 2.1. ALL ROUND RCP STORM PIPE SHALL HAVE BELL & SPIGOT GASKET JOINTS.
 - 2.2. ALL PIPE JOINTS SHALL BE WRAPPED PER THE APPLICABLE FOOT INDEX.
 - 2.3. ALL PIPES WITH LESS THAN 24" OF COVER SHALL BE CLASS IV.
 - 2.4. CONCRETE MITERED ENDS SHALL BE CONSTRUCTED WITH A 4:1 SLOPE PER THE APPLICABLE FDOT INDEX.
 - 2.5. PIPE MATERIAL SHALL NOT BE SUBSTITUTED WITHOUT PRIOR AUTHORIZATION BY THE ENGINEER. PIPE MATERIAL INSTALLED SHALL BE PER THIS PLAN SET.
3. RESTORATION/STABILIZATION:
 - 3.1. SOD ALL DISTURBED PERVIOUS AREAS (NOT OTHERWISE PLANNED FOR LANDSCAPE MATERIALS) UNLESS NOTED OTHERWISE WITHIN THIS PLAN SET.
 - 3.2. SEED AND MULCH ALL DRY RETENTION POND BOTTOMS. DO NOT SOD.
 - 3.3. RETENTION POND ELEVATIONS & GEOMETRY SHALL BE VERIFIED PER PLAN PRIOR TO SODDING.
4. CONCRETE:
 - 4.1. STANDARD CONCRETE FOR THIS PROJECT SHALL HAVE A MINIMUM 3,000 PSI COMPRESSION STRENGTH AT 28 DAYS IN ANY SINGLE TEST CYLINDER.
5. DRIVEWAYS, PARKING LOTS, CURBS AND SIDEWALKS SHALL BE CONSTRUCTED PER THE APPLICABLE DETAILS CONTAIN IN THIS PLAN SET. THE MOST STRINGENT MUNICIPAL OR FDOT STANDARD SHALL GOVERN.

CONTRACTOR NOTES:

1. CONTRACTOR & ASSOCIATED SUB-CONTRACTORS SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, AND EQUIPMENT NECESSARY AND TYPICAL AS NECESSARY TO COMPLETE CONTRACTORS SCOPE OF WORK.
2. CONTRACTOR SHALL OBTAIN (AND PAY FOR) ALL PERMITS, ALL INSPECTIONS & ALL RE-INSPECTIONS THAT ARE REQUIRED BY THE PERMITTING AGENCY IN CONNECTION WITH THE CONTRACTORS WORK. CONTRACTOR IS RESPONSIBLE FOR ALL ASSOCIATED FEES.
3. CONTRACTOR SHALL COMPLETE CONSTRUCTION WITH THE HIGHEST LEVEL OF QUALITY & WORKMANSHIP WITHIN THE CONSTRUCTION INDUSTRY.

CONTRACTORS RESPONSIBILITY:

1. PRIOR TO CONSTRUCTION CONTRACTOR SHALL:
 - 1.1. READ ALL PERMITS & NOTE ASSOCIATED CONDITIONS PRIOR TO CONSTRUCTION. ALL CONDITIONS, REQUIREMENTS, INSPECTIONS AND MEETINGS SHALL BE STRICTLY FOLLOWED DURING CONSTRUCTION.
 - 1.2. CONTRACTOR SHALL SCHEDULE ALL PRE-CONSTRUCTION MEETINGS (UNLESS OTHERWISE REQUIRED BY THE PERMITTING AGENCY) AND IMMEDIATELY NOTIFY THE ENGINEER OF RECORD AS TO MEETING LOCATION AND TIME. ENGINEER WILL ATTEND ALL PRE-CONSTRUCTION MEETINGS IF POSSIBLE.
 - 1.3. CONTACT SUNSHINE ONE CALL (811) FOR UTILITY LOCATIONS WITHIN THE PROPOSED CONSTRUCTION AREA. EACH CONTRACTOR IS RESPONSIBLE FOR THEIR OWN WORK, CALLING (811) AND OBTAINING LOCATES PRIOR TO CONSTRUCTION.
 - 1.4. FIELD LOCATE & EXPOSE EXISTING UNDERGROUND UTILITIES IDENTIFIED FOR CONSTRUCTION. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, GAS MAINS, WATER MAINS, WATER SERVICES, IRRIGATION LINES, REUSE WATER MAIN, REUSE IRRIGATION LINES, GRAVITY SEWER, FORCE MAINS, SHUT OFF VALVES, STORM PIPE, UNDERGROUND ELECTRIC, FIBER OPTICS, TELEPHONE, CABLE, ETC.
 - 1.5. SHALL OBTAIN ALL REQUIRED DEWATERING PERMITS (MUNICIPAL, FDOT, FDEP). CONTRACTOR SHALL CONTAIN, CONTROL, AND MONITOR TURBIDITY PRIOR TO DISCHARGE FROM THE SITE.
 - 1.6. IDENTIFY ANY CONFLICTS OR DISCREPANCIES THAT MAY EXIST. UPON DISCOVERY, NOTIFY THE ENGINEER OF RECORD IMMEDIATELY.
2. DURING CONSTRUCTION CONTRACTOR SHALL:
 - 2.1. THE CONTRACTOR SHALL COORDINATE THE PROJECT WITH ALL CONSTRUCTION PLANS, TO INCLUDE ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, LANDSCAPE, IRRIGATION, PHOTOGRAPHIC AND FIRE PROTECTION. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER &/OR APPROPRIATE DESIGN PROFESSIONAL IMMEDIATELY UPON DISCOVERY AND LONG BEFORE COMMENCING PLACEMENT.
 - 2.2. MAINTAIN ALL EROSION CONTROL MEASURES & KEEP ASSOCIATED RECORDS AS REQUIRED BY THE SITE PERMIT. (DAILY, WEEKLY, MONTHLY)
 - 2.3. NOTIFY THE ENGINEER OF RECORD IN WRITING 48 HOURS AHEAD OF ANY PROPOSED FIELD CHANGES. CONTRACTOR SHALL NOT MAKE ANY FIELD CHANGES TO THE APPROVED CONSTRUCTION PLANS WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER OF RECORD. REQUESTED CHANGES BY THE CONTRACTOR WILL REQUIRE APPROVAL BY THE ENGINEER OF RECORD AND MAY REQUIRE THE APPROVAL OF APPLICABLE PERMITTING AGENCIES PRIOR TO BEING CONSTRUCTED.
 - 2.4. PROVIDE THE ENGINEER OF RECORD 48 HOURS NOTICE IN ADVANCE OF ANY MEETINGS OR INSPECTIONS THAT REQUIRE THE PRESENCE OF THE ENGINEER.
 - 2.5. SHALL PROTECT ALL OPEN CUT TRENCHES, DITCHES AND/OR RETENTION AREAS FROM HUMAN ENTRY. SAME SHALL BE FENCED AT THE END OF THE WORK DAY OR FENCED TO PREVENT ALL HUMAN ENTRY.
 - 2.6. SHALL FOLLOW ALL OSHA TRENCH SAFETY REQUIREMENTS DURING THE COURSE OF WORK.

POST CONSTRUCTION CONTRACTOR SHALL:

- 3.1. PROVIDE THE ENGINEER OF RECORD WITH A RECORD AS-BUILT DRAWING PRODUCED BY A LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA. THIS AS-BUILT SHALL BE REVIEWED BY THE CONTRACTOR TO CONFIRM THE PROJECT WAS BUILT ACCORDING TO PLAN. ANY DISCREPANCIES SHALL BE CORRECTED IN THE FIELD AND ON THE AS-BUILT PRIOR TO FORWARDING TO THE ENGINEER. UNCHECKED AS-BUILTS WILL BE REJECTED. UPON REVIEW & APPROVAL, THE ENGINEER WILL PROVIDE THE APPLICABLE PERMITTING AGENCIES WITH AN AS-BUILT CERTIFICATION AS REQUIRED.

PHOTO DOCUMENTATION:

1. THE CONTRACTOR SHALL PHOTOGRAPH ALL EXISTING CONDITIONS ONSITE, OFFSITE AND IN THE RIGHT OF WAY PRIOR TO MOBILIZATION AND CONSTRUCTION START. THIS SHALL INCLUDE ONSITE SIDEWALKS, SIDEWALKS IN THE RIGHT OF WAY, CURBS, DRIVEWAYS, BUILDINGS AND ANY OTHER EXISTING IMPROVEMENTS IN CLOSE PROXIMITY TO THE PROPOSED CONSTRUCTION. CONTRACTOR SHALL PROVIDE ADDITIONAL PHOTOGRAPHS OF AREAS ALREADY DAMAGED.

SURVEYORS AS-BUILT SURVEY RESPONSIBILITY (AS APPLICABLE):

1. SURVEYOR SHALL PRODUCE A RECORD AS-BUILT FROM ACTUAL NEW CONSTRUCTION FIELD CONDITIONS. AS-BUILT SHALL BE TITLED "AS-BUILT SURVEY."
2. AS-BUILT SURVEYS SHALL BE SIGNED & SEALED BY A LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA.
3. BUILDING(S):
 - 3.1. PROVIDE LOCATION, PROPERTY TIES, FIELD MEASURED DIMENSIONS, FINISH FLOOR ELEVATION AND DOOR LOCATIONS.
4. PARKING & DRIVE AISLE AREAS:
 - 4.1. PROVIDE LOCATION AND ELEVATIONS SUFFICIENT TO DETERMINE THE FLOW OF STORM WATER. INCLUDE ANY FLOW LINES OR GRADE BREAKS.
 - 4.2. PROVIDE CURB LOCATIONS, TYPE & SIZE.
 - 4.3. PROVIDE LOCATION OF ALL STRIPING & SIGNAGE. DIMENSION PARKING SPACE WIDTHS AND DEPTHS. INCLUDING HANDICAP PARKING SPACE(S) AND SIGNS.
5. SIDEWALKS & WALKWAYS:
 - 5.1. PROVIDE LOCATION, WIDTH, MATERIAL, ELEVATIONS, GRADE BREAKS AND SUFFICIENT ELEVATIONS TO ACCURATELY DEPICT SLOPES.
 - 5.2. WERE SIDEWALKS ABOUT A PARKING SURFACE BUT ARE ELEVATED, BOTH THE PAVEMENT ELEVATION & WALK ELEVATION SHALL BE PROVIDED.
6. STORM WATER:
 - 6.1. RETENTION: PROVIDE LOCATION & ELEVATIONS OF ALL STORM WATER TOPOGRAPHIC FEATURES. THIS SHALL INCLUDE TOP OF BANK ELEVATIONS, TOP OF SLOPE ELEVATIONS, TOE OF SLOPE ELEVATIONS, GRADE BREAKS AND IRREGULARITIES CREATED DURING CONSTRUCTION TO DEPICT CONSTRUCTION FIELD CONDITIONS.
 - 6.2. INLETS: PROVIDE LOCATION, RIM ELEVATION AND ALL INVERT ELEVATIONS.
 - 6.3. PIPES: PROVIDE SIZE, MATERIAL & LENGTH. INCLUDE ROOF DRAINS.
 - 6.4. OUTFALL STRUCTURES: PROVIDE RIM ELEVATION, ALL INVERT ELEVATIONS, WEIR ELEVATION, WEIR WIDTH, SKIMMER TOP & BOTTOM ELEVATION.
 - 6.5. FLUMES: PROVIDE LOCATION, THROAT & BOTTOM ELEVATIONS.
7. SEWER UTILITIES:
 - 7.1. GRAVITY SEWER: PROVIDE PIPE SIZE, MATERIAL, SLOPE & LENGTH.
 - 7.2. MANHOLES: PROVIDE LOCATION, RIM ELEVATION AND ALL INVERT ELEVATIONS.
 - 7.3. CLEANOUTS: PROVIDE LOCATION & INVERT ELEVATIONS OF ALL CLEANOUTS.
 - 7.4. LIFT STATISTICS: PROVIDE LOCATION, DIAMETER SIZE, RIM ELEVATION, BOTTOM ELEVATIONS AND ALL INVERT ELEVATIONS.
 - 7.5. FORCE MAINS: PROVIDE SIZE, MATERIAL & LENGTH.
 - 7.3. FORCE MAIN FITTINGS: PROVIDE LOCATION, SIZE, TYPE OF ALL FITTINGS. PROVIDE (2) TIES FROM ABOVE GROUND FEATURES TO ALL UNDERGROUND FITTINGS.
8. WATER UTILITIES:
 - 8.1. PIPES: PROVIDE SIZE, MATERIAL & LENGTH.
 - 8.2. FIRE HYDRANTS: PROVIDE LOCATION OF ALL EXISTING & PROPOSED FIRE HYDRANTS THAT HAVE BEEN DEPICTED & ASSOCIATED WITH THIS PROJECT.
 - 8.3. WATER FITTINGS: PROVIDE LOCATION, SIZE, TYPE OF ALL FITTINGS. PROVIDE (2) TIES FROM ABOVE GROUND FEATURES TO ALL UNDERGROUND FITTINGS.

SEWER UTILITY: ALL SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH THE CITY OF LIVE OAK UTILITY STANDARDS & SPECIFICATIONS FOR CONSTRUCTION OF SANITARY SEWER SYSTEMS. (LATEST EDITION)

WATER UTILITY: ALL WATER DISTRIBUTION SYSTEM CONSTRUCTION SHALL COMPLY WITH THE CITY OF LIVE OAK TECHNICAL SPECIFICATIONS FOR CONSTRUCTION OF WATER DISTRIBUTION SYSTEMS. (LATEST EDITION)

REQUIRED PERMITS:

1. FLORIDA DEPARTMENT OF EDUCATION APPROVAL REQUIRED.
2. SRWMD LETTER MODIFICATION REQUIRED.
3. CITY OF LIVE OAK FIRE DEPARTMENT APPROVAL REQUIRED.
4. CITY OF LIVE OAK UTILITY APPROVAL REQUIRED.
5. FDEP DOMESTIC WASTEWATER PERMIT/EXEMPTION REQUIRED.
6. FDOT DRAINAGE EXCEPTION REQUIRED.
7. FDEP NOI REQUIRED.

GEOTECHNICAL REPORT:

1. CONTRACTOR SHALL OBTAIN & FOLLOW THE GEOTECHNICAL REPORT COMPLETED FOR THIS SITE.
UNIVERSAL ENGINEERING SCIENCES, INC.
4475 SW 35TH TERRACE
GAINESVILLE, FLORIDA 32608
PHONE: (352) 372-3392

NEW ADMINISTRATION BUILDING, OHIO AVENUE, LIVE OAK, SUWANNEE COUNTY, FLORIDA
UES PROJECT NO. 02301800006.0000, UES REPORT NO. 1544503
DATED MARCH 8, 2018 (58 PAGES TOTAL)
DIGITALLY SIGNED & SEALED BY EDUARDO SUAREZ, PE #60272, MARCH 9, 2018

Always call 811 two full business days before you dig

Sunshine811.com

ALL EXCAVATORS MUST CALL 811 BEFORE THEY DIG. WHETHER IT'S DIGGING WITH A SHOVEL, DIGGING WITH A TRENCHER OR USING EQUIPMENT THAT PENETRATES THE GROUND, IT'S THE LAW.

A MINIMUM OF TWO FULL BUSINESS DAYS BEFORE DIGGING, CALL SUNSHINE 811 TO REQUEST A LOCATE TICKET SO THAT SUNSHINE 811 MEMBERS THAT OWN OR OPERATE UNDERGROUND FACILITIES CAN LOCATE AND MARK THEIR UNDERGROUND FACILITIES NEAR YOUR DIG SITE. IF YOUR DIG SITE IS IN AN AREA THAT IS UNDERWATER, YOU MUST CALL 10 FULL BUSINESS DAYS BEFORE DIGGING. DAY ONE BEGINS THE DAY AFTER YOU CALL.

ALL CONTRACTORS & SUBCONTRACTORS ARE REQUIRED TO CALL AND OBTAIN A LOCATE TICKET FOR THEIR OWN WORK.


Always call 811 two full business days before you dig

Sunshine811.com

*SEE COVER SHEET FOR ADDITIONAL INFORMATION
SUNSHINE 811 LOCATES: PHONE (811) OR (800)432-4770
CITY OF LIVE OAK: PHONE (386)834-3749/(386)362-2276
AFTER HOURS PHONE: (386)362-1313

SHEET INDEX:

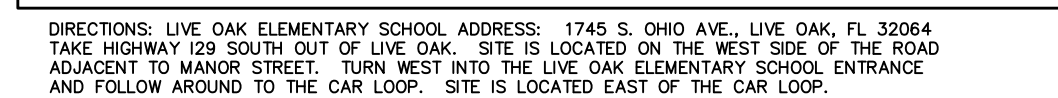
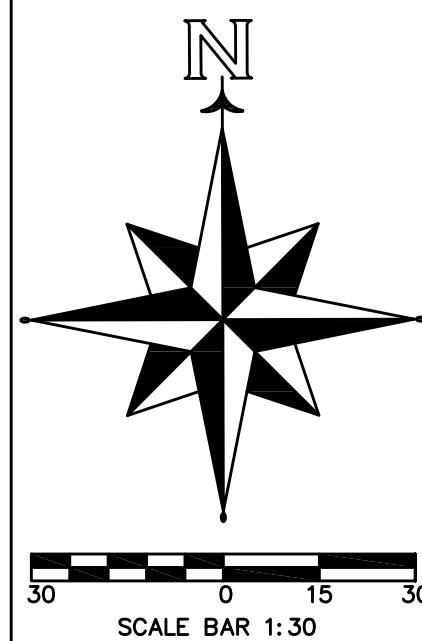
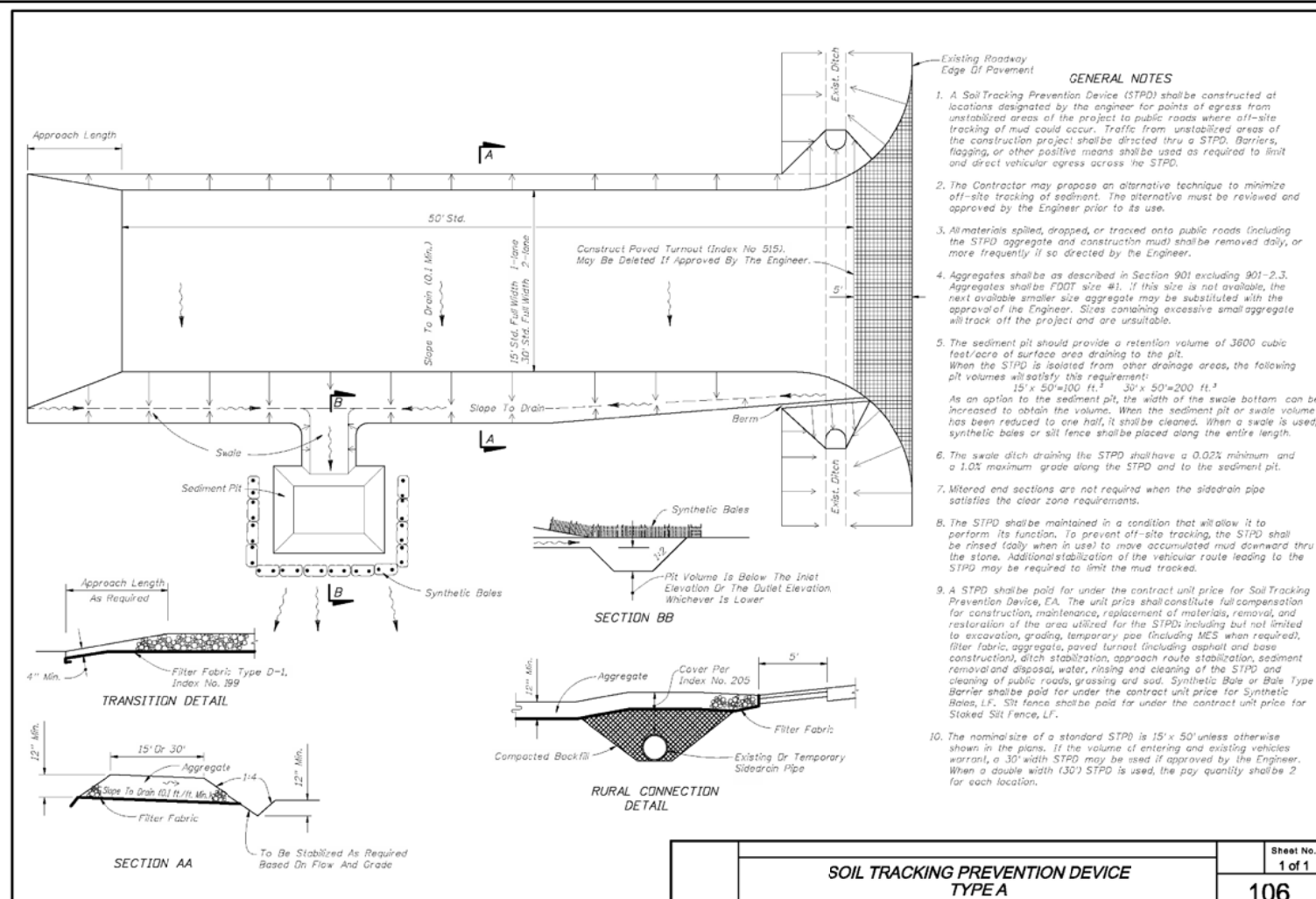
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|-----|---------------------------------|
| C-0 | COVER SHEET & NOTES |
| C-1 | EROSION & SEDIMENTATION PLAN |
| C-2 | EXISTING SITE & DEMOLITION PLAN |
| C-3 | SITE PLAN |
| C-4 | DRAINAGE & UTILITY PLAN |
| C-5 | SECTION DETAILS |
| C-6 | DETAILS |
| C-7 | UTILITY DETAILS |
| C-8 | SURVEY |
| C-9 | SURVEY |

SURVEY: SURVEY INFORMATION USED IN THIS PROJECT TO DEPICT PROPERTY BOUNDARY, TOPOGRAPHY, TREES, UTILITIES & OTHER IMPROVEMENTS WAS PROVIDED BY J. SHERMAN FRIER & ASSOCIATES, INC., DWG #438-0306, SURVEY DATE 6-30-06.	
 MONROE ENGINEERING, INC.	
CIVIL ENGINEERING / STRUCTURAL ENGINEERING P.O. BOX 121094, WEST MELBOURNE, FL. 32912 PE #61778 PHONE: 321-544-8177 CA #32271	
PROJECT: NEW DISTRICT OFFICE	
SHEET TITLE: COVER SHEET & NOTES	
ISSUE DATE: 10-15-18	DRAWN BY: SM CHECK BY: SM APPR. BY: SM SCALE: 1:30
REV. BY DATE	JOB NO.
1. SM 10-15-18	18-006
CONSTRUCTION DOCUMENTS FOR BID-PERMIT	
SHEET: 1 OF 10	
C-0	
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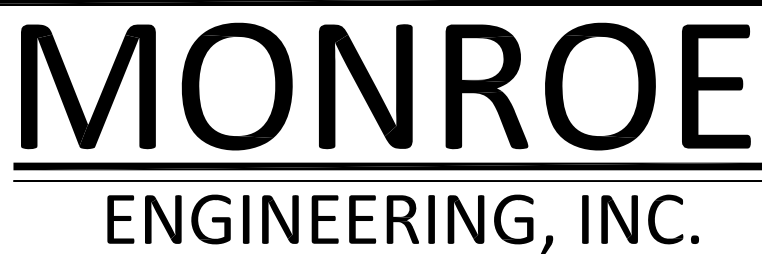
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SEDIMENTATION EROSION MINIMUM STANDARDS:

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PROJECT: NEW DISTRICT OFFICE

SHEET TITLE: EROSION & SEDIMENTATION PLAN

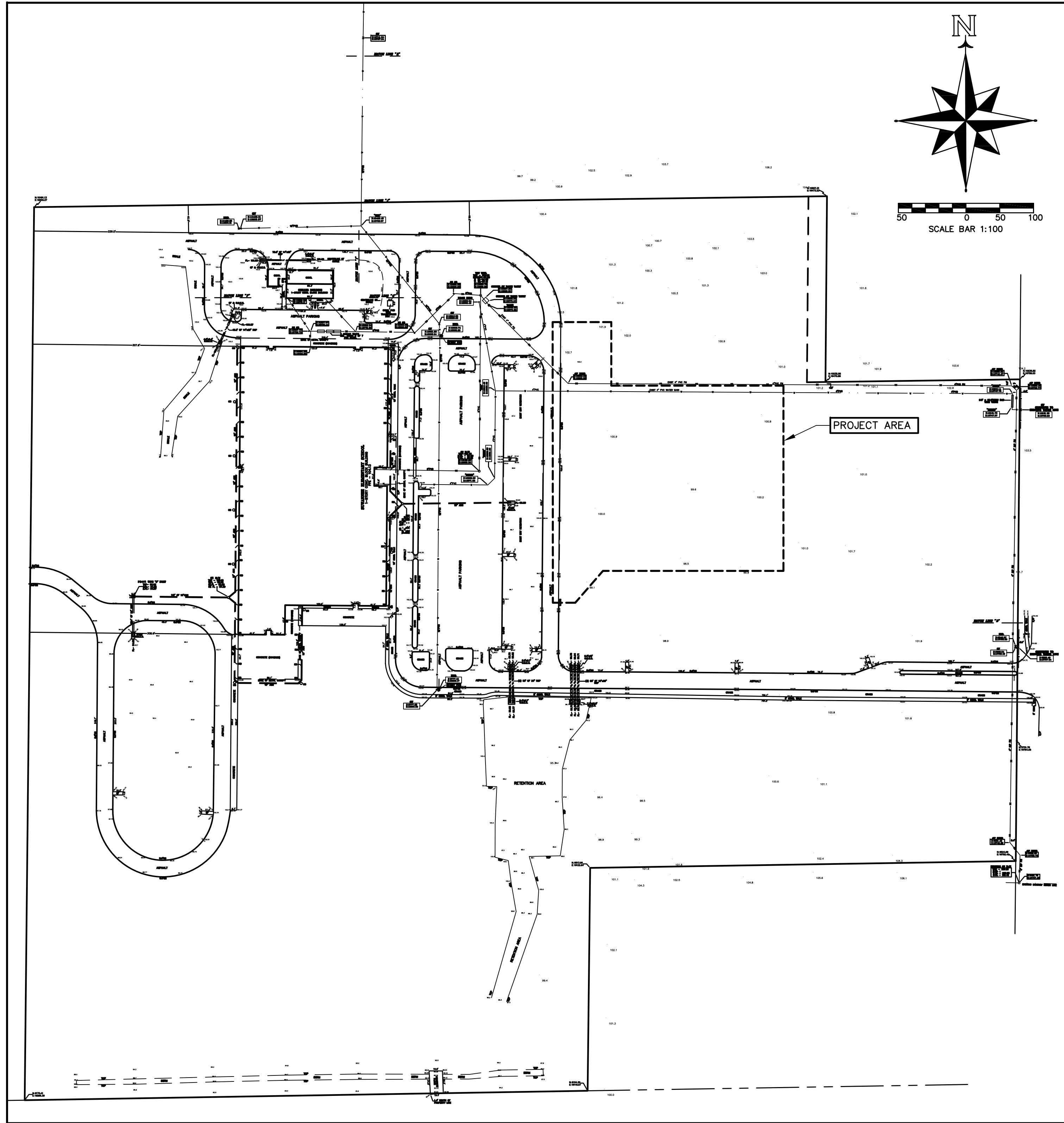
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CITY OF LIVE OAK: PHONE (386)634-3749/(386)362-227
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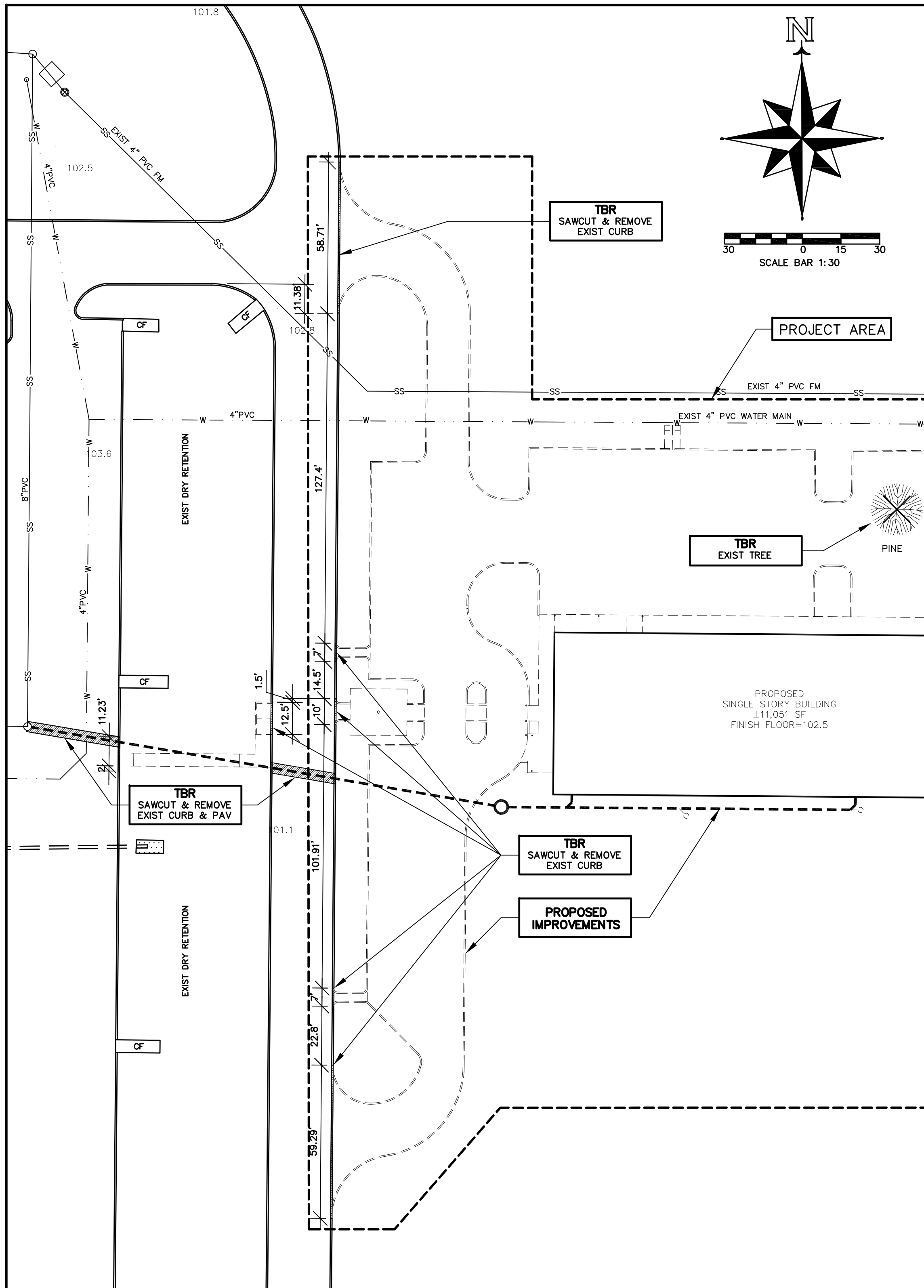
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EXISTING SITE
SCALE: 1"=100'



DEMOLITION PLAN
SCALE: 1"=30'

ABBREVIATIONS

CONC. - CONCRETE
IP - IRON PIPE
REB. - REBAR
ST. - STREET
AVE. - AVENUE
NO ID - NO IDENTIFICATION
FD - FOUND
CM - CONCRETE MONUMENT
± - MORE OR LESS
ORB - OFFICIAL RECORDS BOOK
PC - PAGE(S)
(M) - MEASURED
(P) - PLAT
(D) - DEED
(C) - CALCULATED
(A) - ACTUAL
(R) - RECORD

O/S - OFFSET
FDOT - FLORIDA DEPARTMENT OF TRANSPORTATION
P.C. - POINT OF CURVATURE
P.T. - POINT OF TANGENCY
P.I. - POINT OF INTERSECTION
P.R.C. - POINT OF REVERSE CURVATURE
P.C.C. - POINT OF COMPOUND CURVATURE
R - RADIUS
R/W - RIGHT-OF-WAY
P.C.P. - PERMANENT CONTROL POINT
P.R.M. - PERMANENT REFERENCE MONUMENT
EP - EDGE OF PAVEMENT
EG - EDGE OF GRADE
C&G - CURB AND GUTTER
ST. MH - STORM MANHOLE
SS. MH - SANITARY SEWER MANHOLE
ELEV. - ELEVATION
B.M. - BENCHMARK
℄ - CENTERLINE

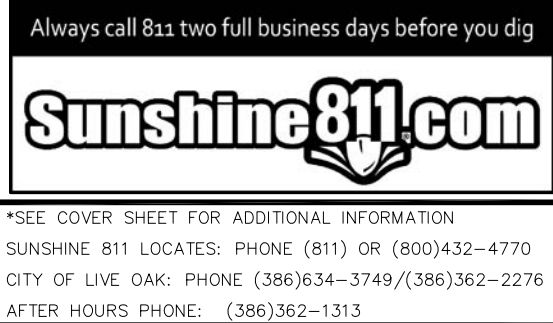
CC - CONCRETE CURB
CF - CONCRETE FLUME
FL - FLOW LINE
C.M.E.S. - CONCRETE MITERED END SECTION
RD - ROOF DRAIN
HYD. - HYDRANT
GV - GATE VALVE
FM - FORCE-MAIN
PVC - POLYVINYLCHLORIDE
CO - CLEAN OUT
DIP DUCTILE IRON PIPE
ADS - ADVANCED DRAINAGE SYSTEMS HIGH DENSITY POLYETHYLENE PIPE
SS CO - SANITARY SEWER CLEAN OUT
RCP - REINFORCED CONCRETE PIPE
FFE - FINISHED FLOOR ELEVATION

LEGAL DESCRIPTION:

PART OF THE EAST 1/2 OF THE EAST 1/2 OF THE EAST 1/2 (EAST 165.00 FEET) OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 AND PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 26, TOWNSHIP 2 SOUTH, RANGE 13 EAST, SUWANNEE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS FOR POINT OF BEGINNING COMMENCE AT THE SOUTHWEST CORNER OF SAID SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, THENCE RUN SOUTH 89°02'40" WEST ALONG THE SOUTH LINE OF SECTION 26, A DISTANCE OF 166.64 FEET; THENCE RUN NORTH 0°36'07" EAST, A DISTANCE OF 1320.79 FEET TO THE NORTH LINE OF THE SOUTH 1/2 OF THE SOUTHEAST 1/4; THENCE RUN NORTH 89°12'35" EAST ALONG SAID NORTH LINE, A DISTANCE OF 1173.07 FEET; THENCE RUN SOUTH 00°28'06" WEST, A DISTANCE OF 274.77 FEET; THENCE RUN NORTH 89°12'35" EAST, A DISTANCE OF 287.87 FEET TO THE WEST RIGHT-OF-WAY LINE OF U.S. HIGHWAY NO. 129; THENCE RUN SOUTH 00°28'49" WEST ALONG SAID WEST RIGHT-OF-WAY LINE, A DISTANCE OF 534.78 FEET TO THE POINT OF CURVE OF A CURVE CONCAVED WESTERLY HAVING A RADIUS OF 114531.56 FEET; THENCE RUN ALONG AND AROUND SAID CURVE AND SAID WEST RIGHT-OF-WAY LINE, A CHORD BEARING AND DISTANCE OF SOUTH 00°31'29" WEST, 177.71 FEET; THENCE RUN SOUTH 89°04'54" WEST, A DISTANCE OF 629.66 FEET; THENCE RUN SOUTH 00°39'18" WEST, A DISTANCE OF 329.69 FEET TO SAID SOUTH LINE OF SECTION 26; THENCE RUN SOUTH 89°02'40" WEST ALONG SAID SOUTH LINE, A DISTANCE OF 666.16 FEET TO THE POINT OF BEGINNING, CONTAINING 37.67 ACRES MORE OR LESS, AND OTHER LANDS SITUATED IN SAID SECTION 26, NOT DESCRIBED.

CURVE DATA

CURVE	DELTA ANGLE	RADIUS	ARC LENGTH	TANGENT	CHORD BEARING	CHORD LENGTH
C1	00°05'20"	114531.56'	177.71'	88.86'	S 00°31'29" W	177.71'



DIGITAL SIGNATURE:

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DIRECTIONS: LIVE OAK ELEMENTARY SCHOOL ADDRESS: 1745 S. OHIO AVE., LIVE OAK, FL 32064. TAKE HIGHWAY 129 SOUTH OUT OF LIVE OAK. SITE IS LOCATED ON THE WEST SIDE OF THE ROAD ADJACENT TO MAJOR STREET. TURN WEST INTO THE LIVE OAK ELEMENTARY SCHOOL ENTRANCE AND FOLLOW AROUND TO THE CAR LOOP. SITE IS LOCATED EAST OF THE CAR LOOP.

VICINITY

LEGEND & NOTES



N:10228.66
E:19746.47
DENOTES COORDINATES BASED ON PLANS PROVIDED BY ARCHITECTS IN ASSOCIATION ROAD & ZWICK, INC. (LIVE OAK ELEMENTARY SCHOOL, JOB NO. 200432, MEC NO. 30461, DATED 07-20-04)

96.75 DENOTES SPOT ELEVATION BASED ON NGVD 29.

-----SS----- DENOTES SANITARY SEWER LINE

-----W----- DENOTES WATER LINE

- 1) THIS IS NOT A BOUNDARY SURVEY.
- 2) BEARINGS BASED ON THE SOUTH LINE OF SECTION 26. (S 89°02'40" W)

TBR OR  OR  = TO BE REMOVED

NOTE: ALL PAVEMENT & CURB CUTS SHALL BE SQUARE 90 DEGREE SAWCUTS.

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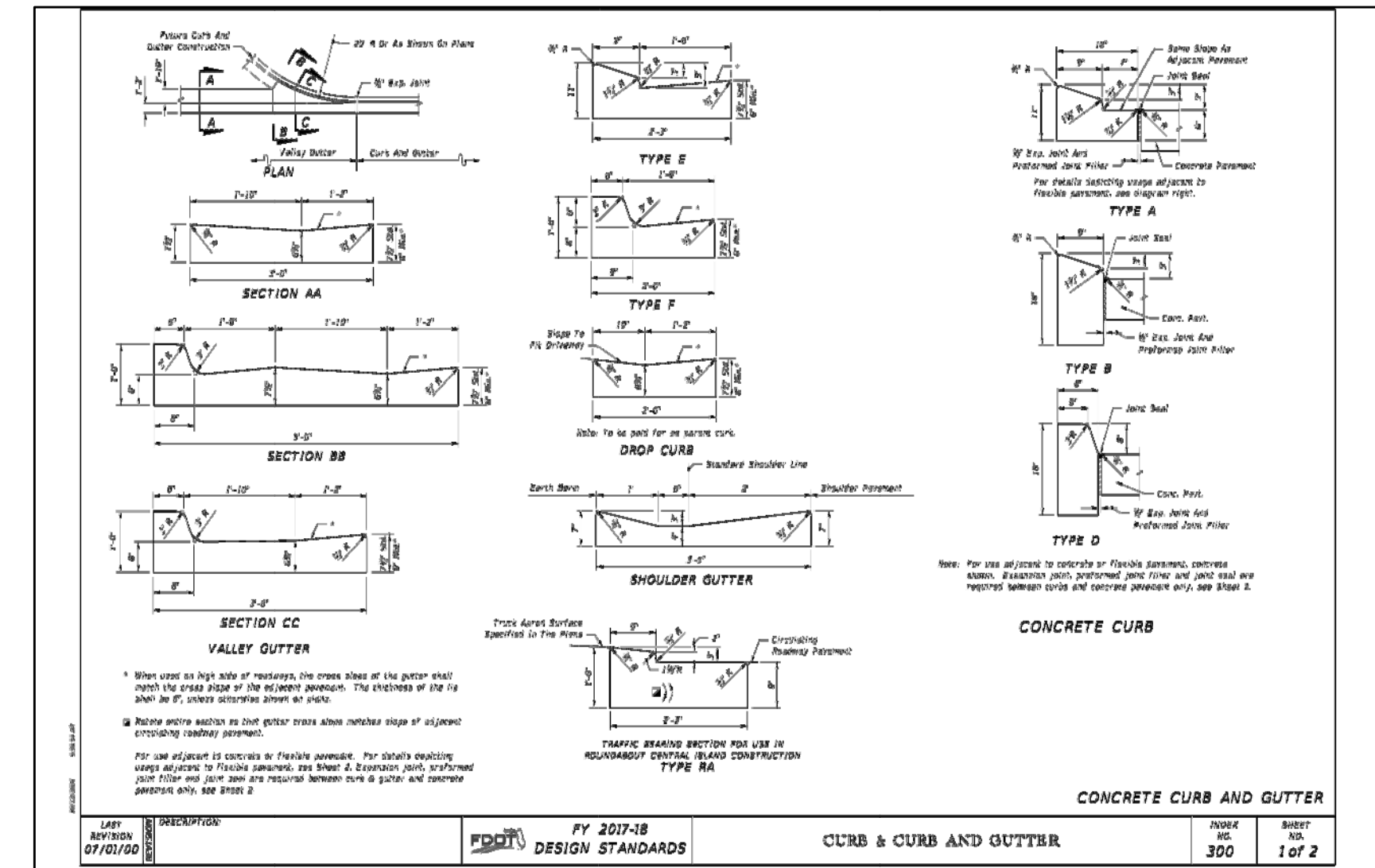
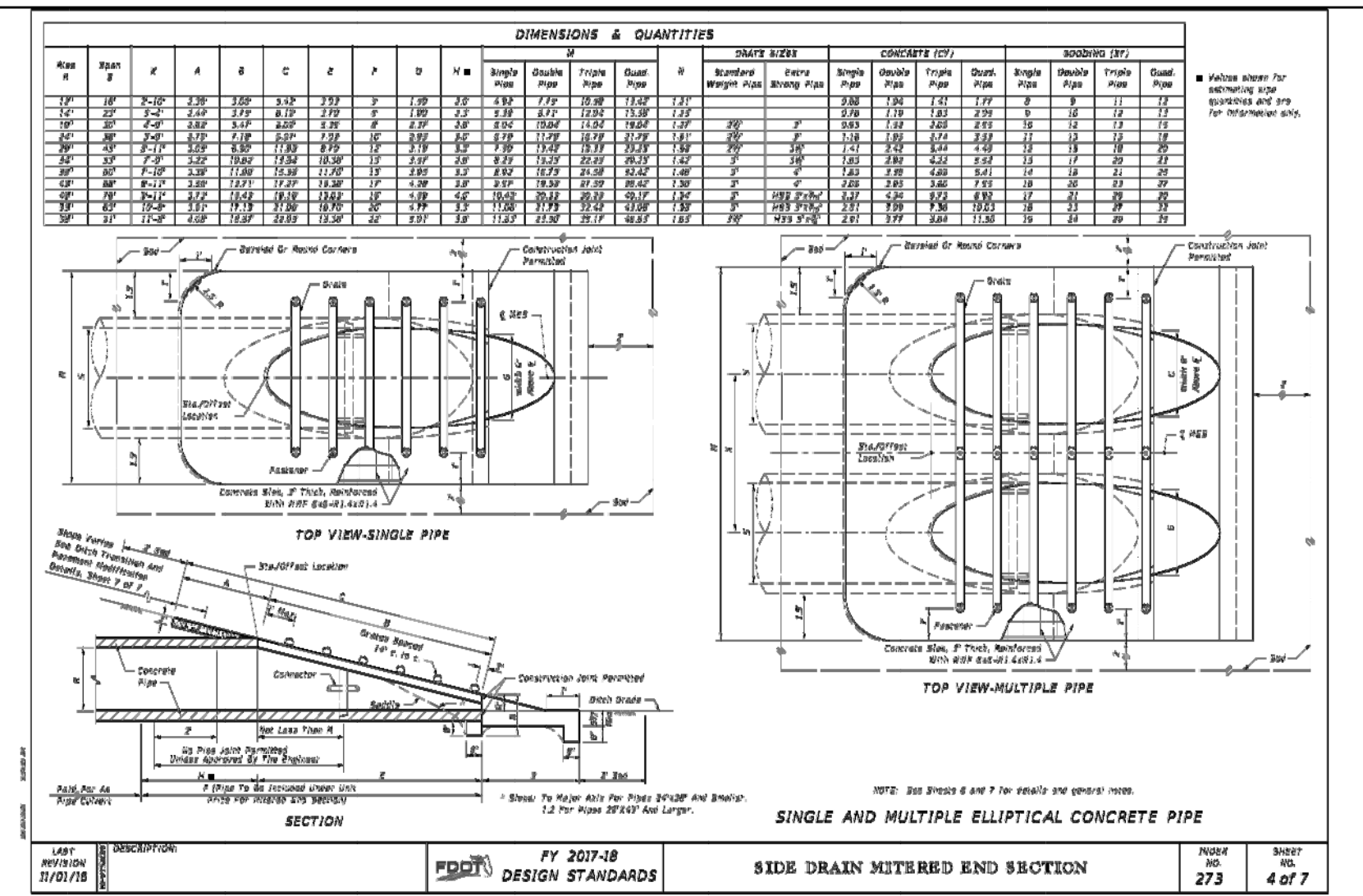
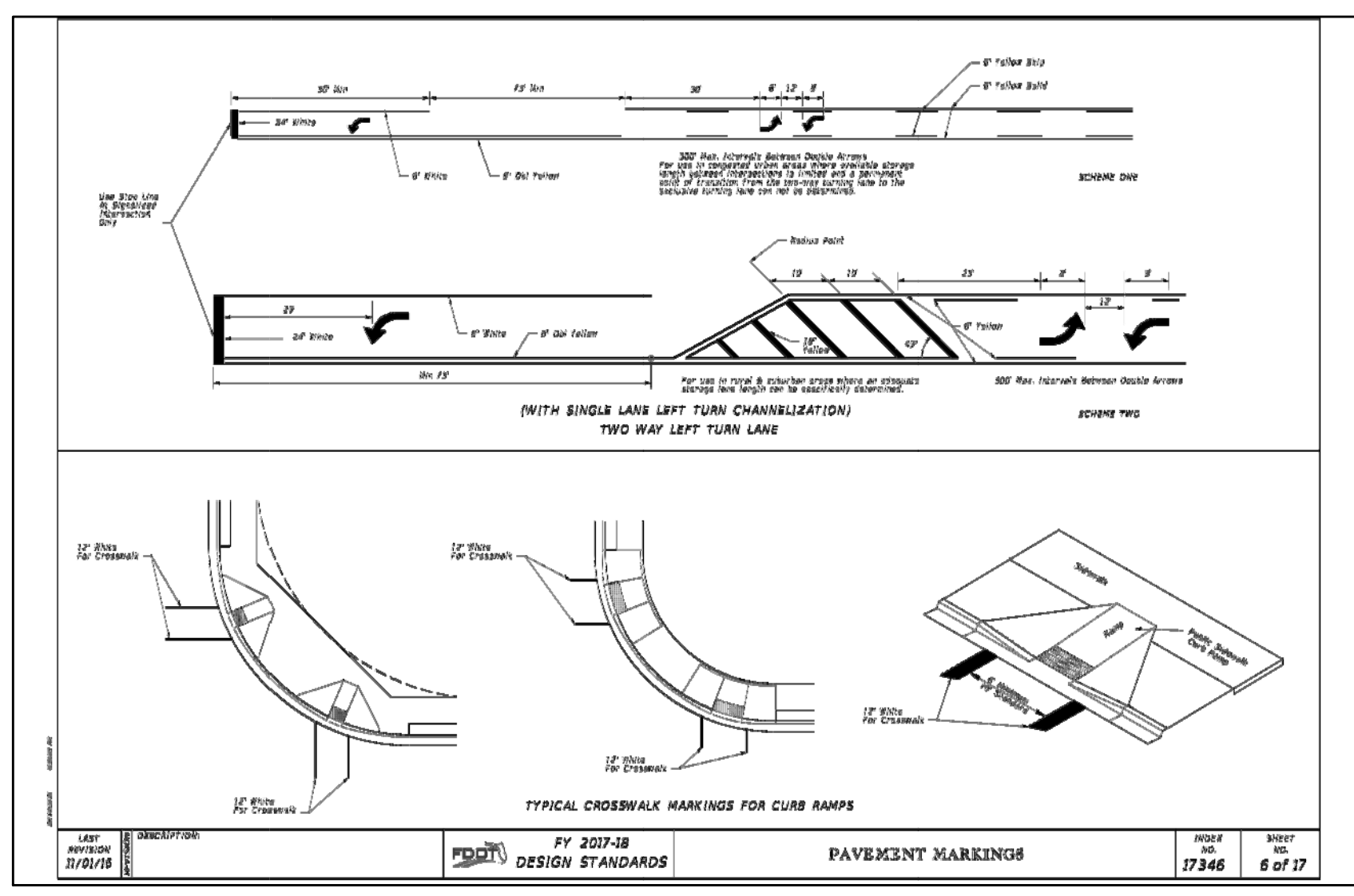
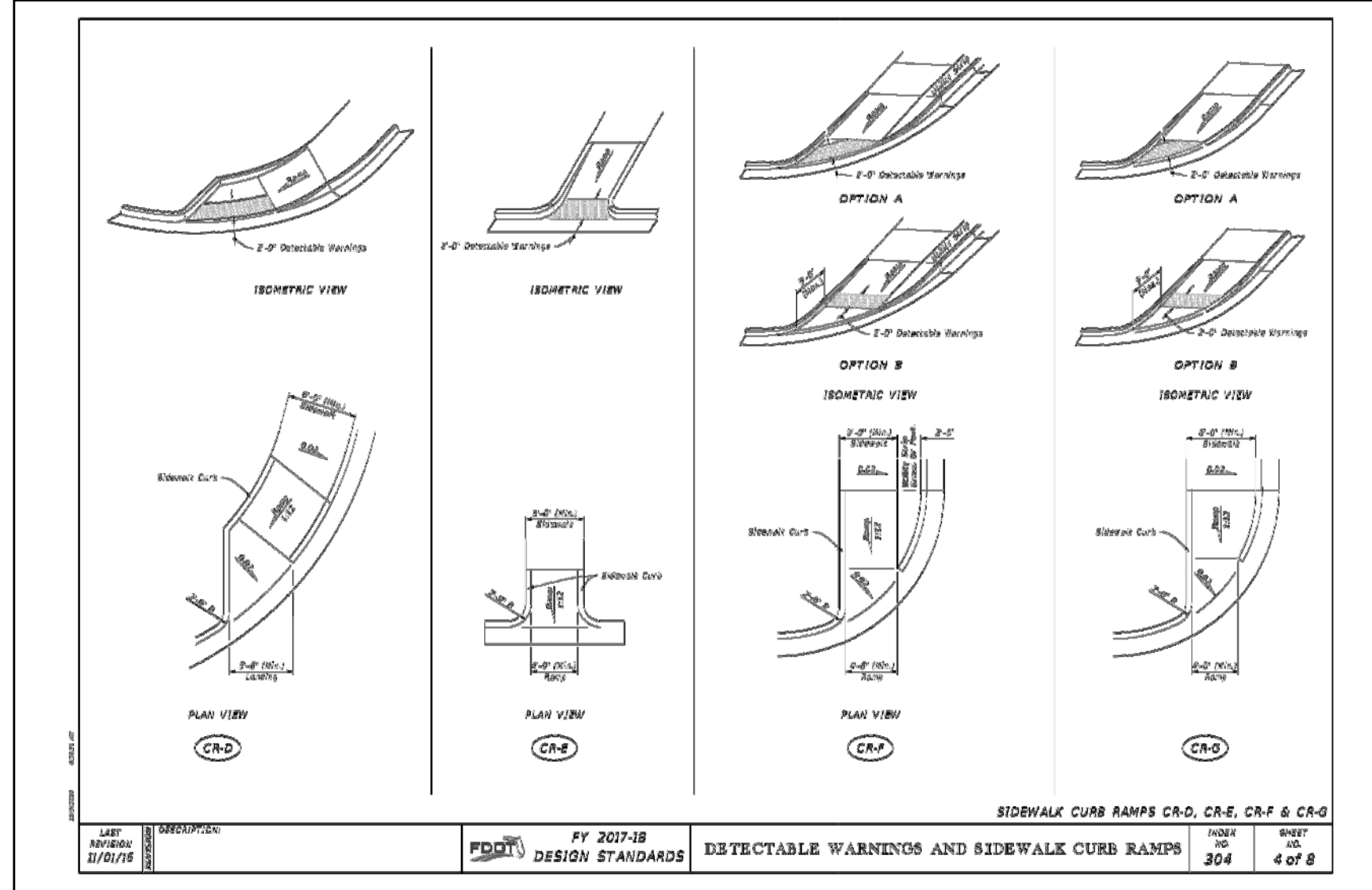
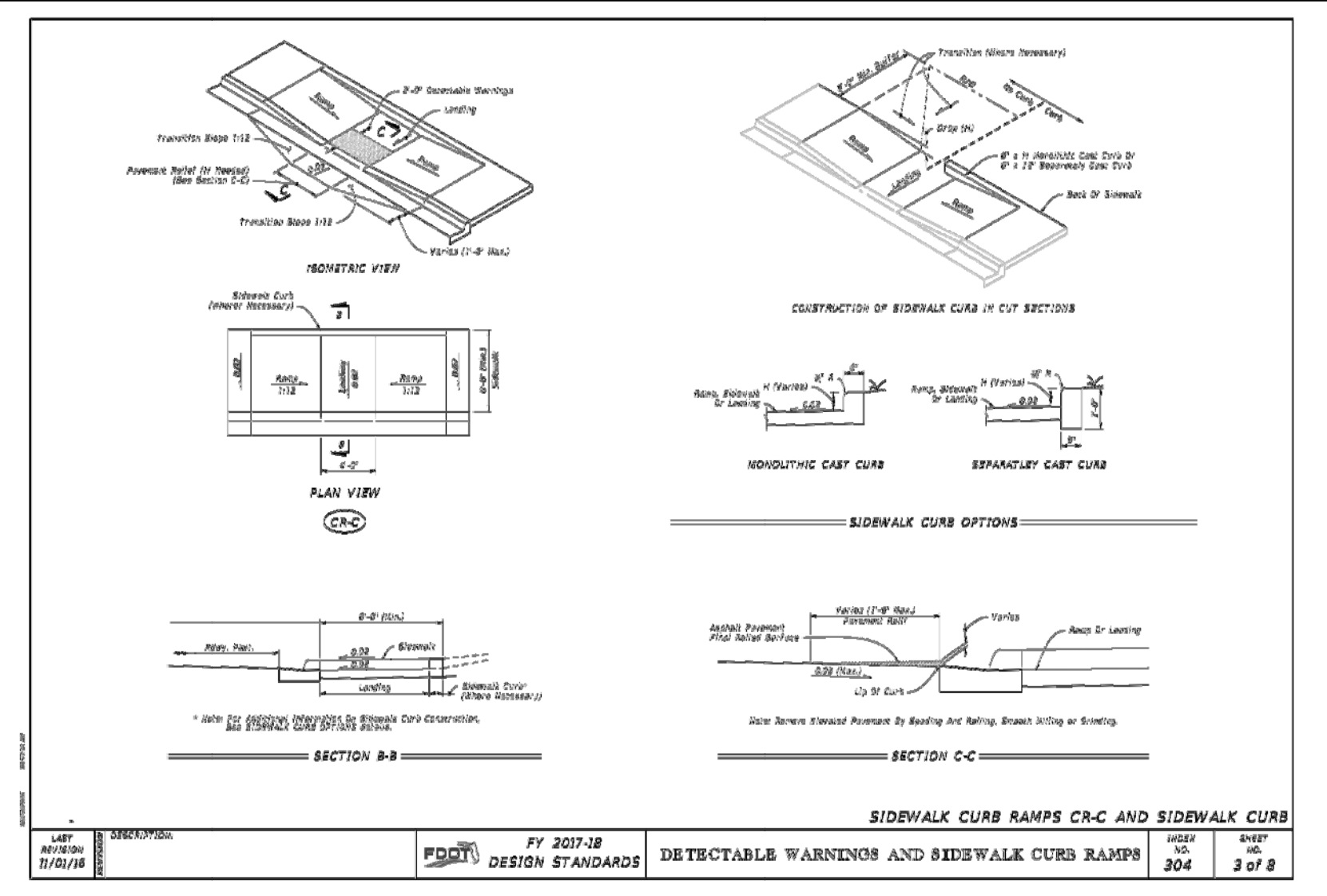
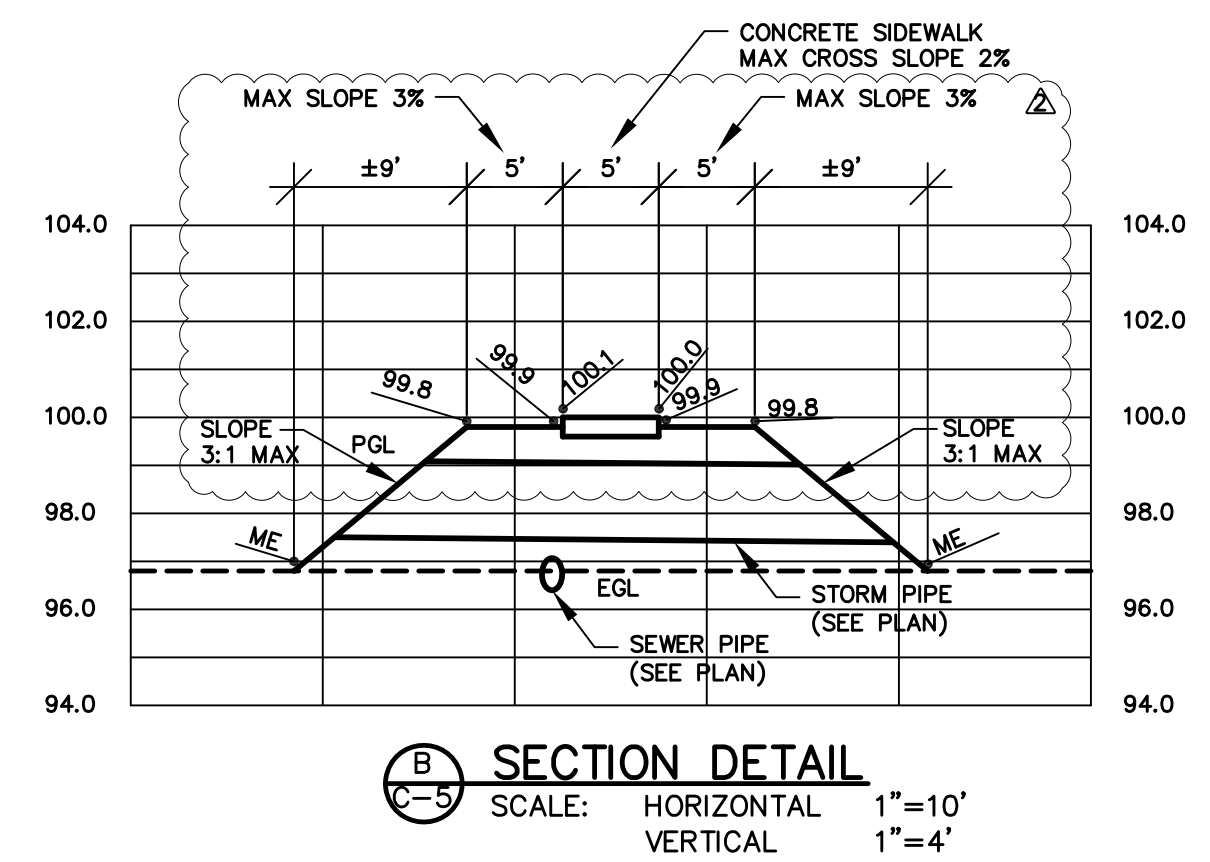
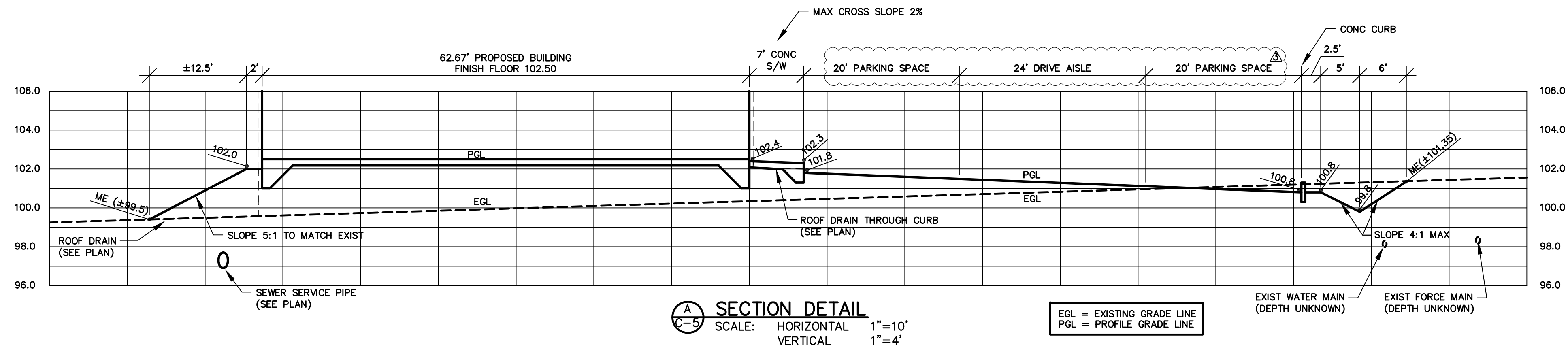
MONROE
ENGINEERING, INC.
CIVIL ENGINEERING / STRUCTURAL ENGINEERING
P.O. BOX 121094, WEST MELBOURNE, FL 32912
PE #61778 PHONE: 321-544-8177 CA #32271

PROJECT: NEW DISTRICT OFFICE

SHEET TITLE: EXISTING SITE & DEMOLITION PLAN

ISSUE DATE: 10-15-18			DRAWN BY: SM		CHECK BY: SM		APPR. BY: SM		SCALE: VARIES			
REV. BY		DATE		CONSTRUCTION DOCUMENTS FOR BID-PERMIT							JOB NO.	
A SM		10-15-18									18-006	
											SHEET: 3 OF 10	
											C-2	

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CITY OF LIVE OAK: PHONE (386)634-3749/(386)362-2276
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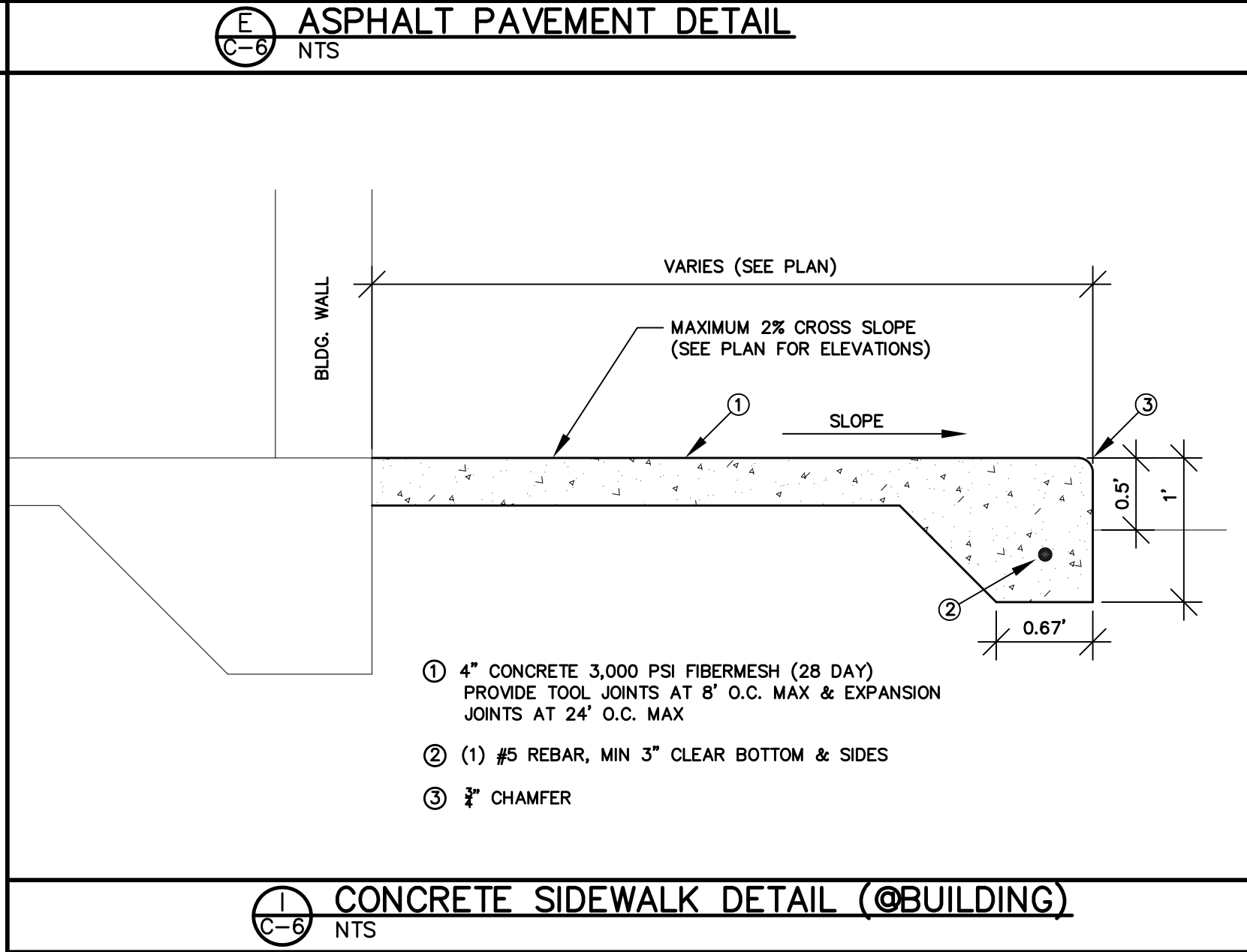
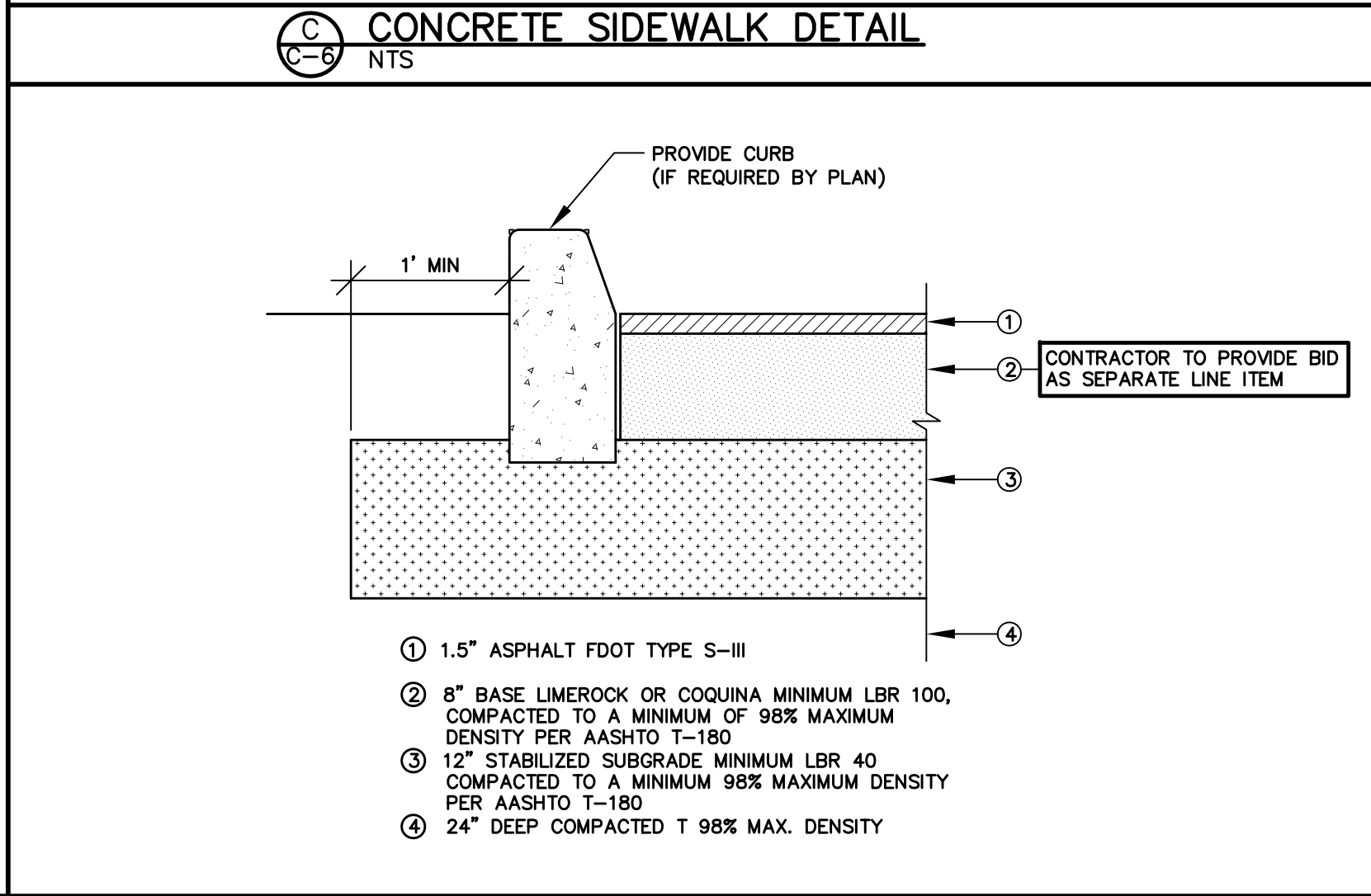
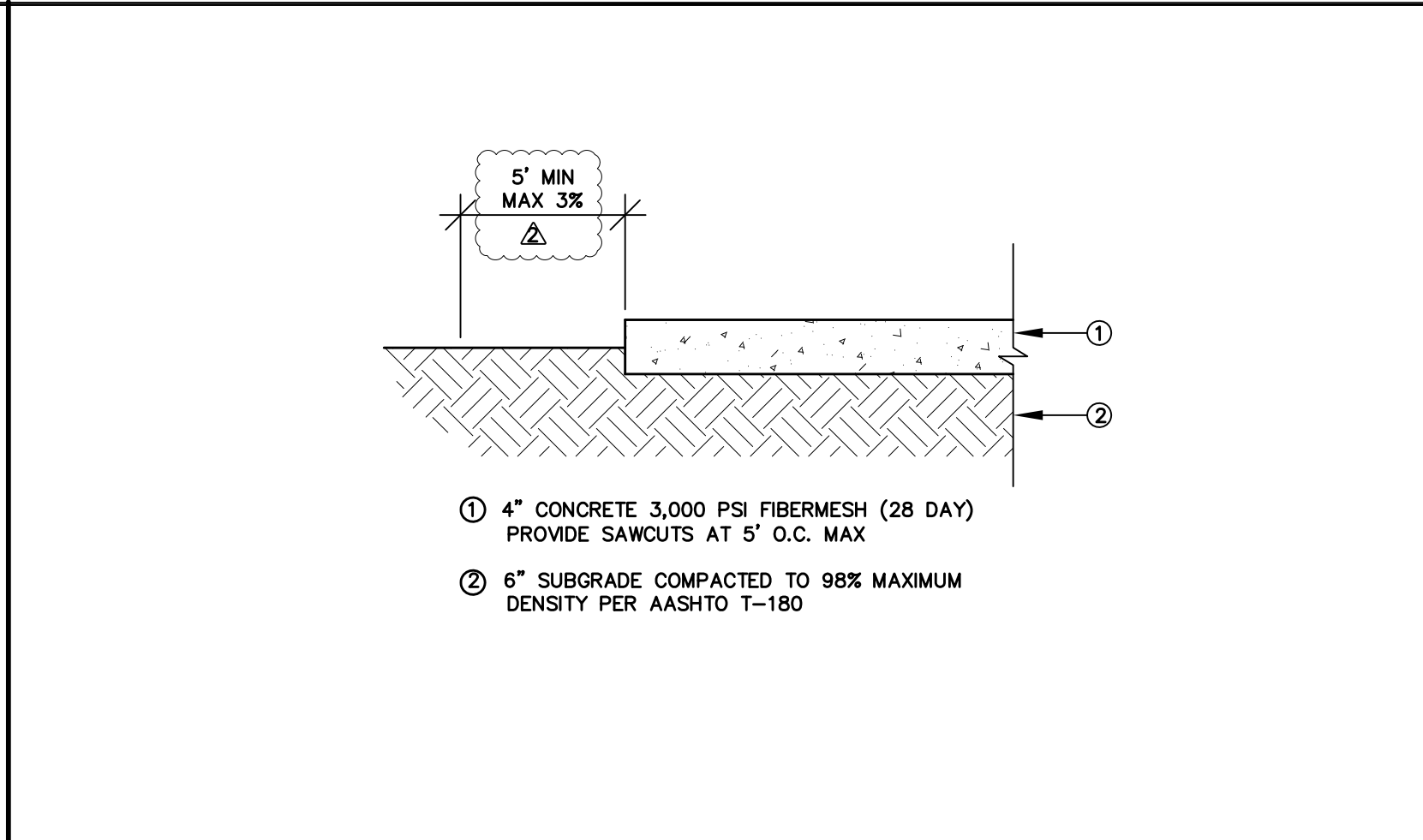
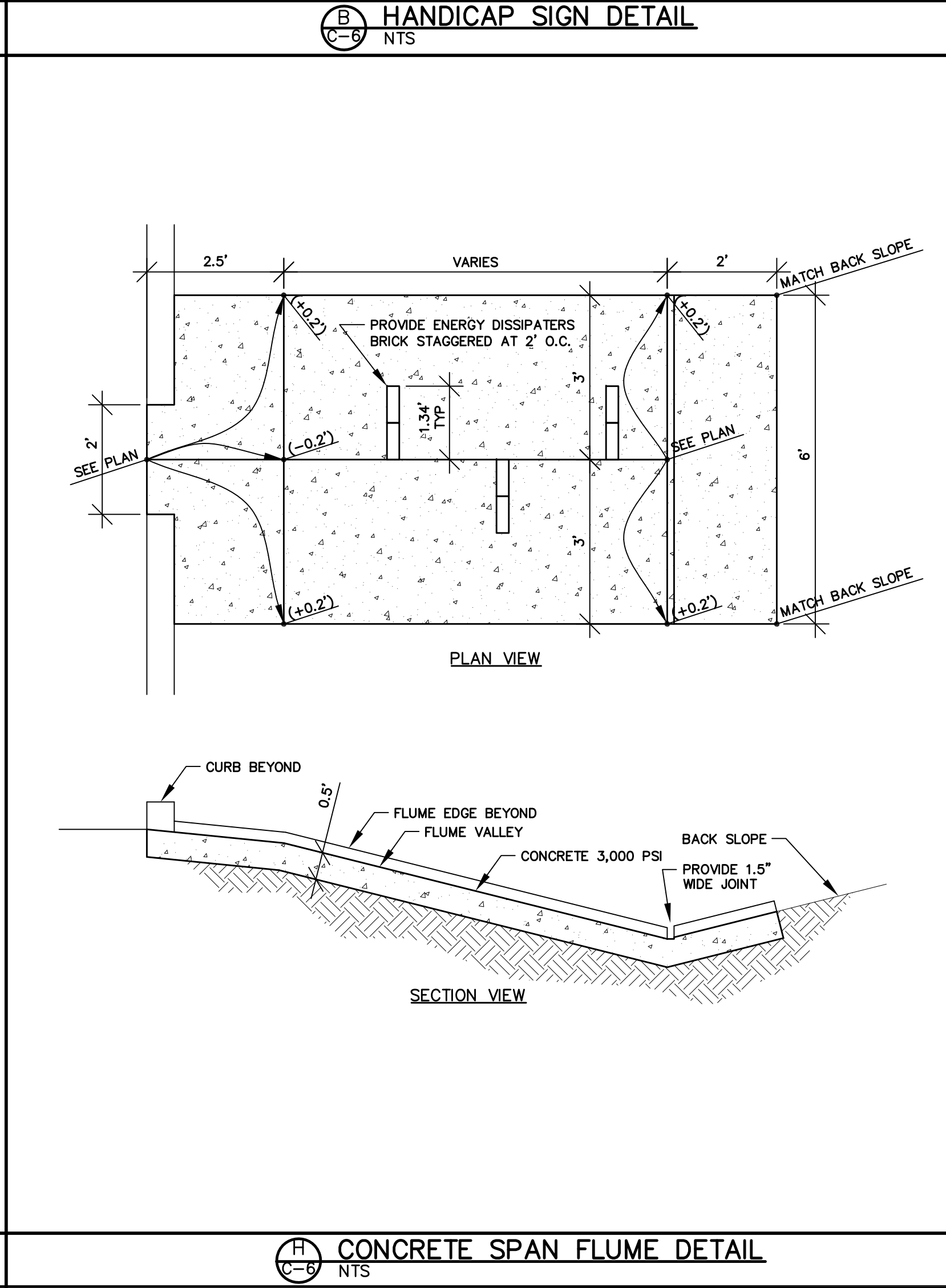
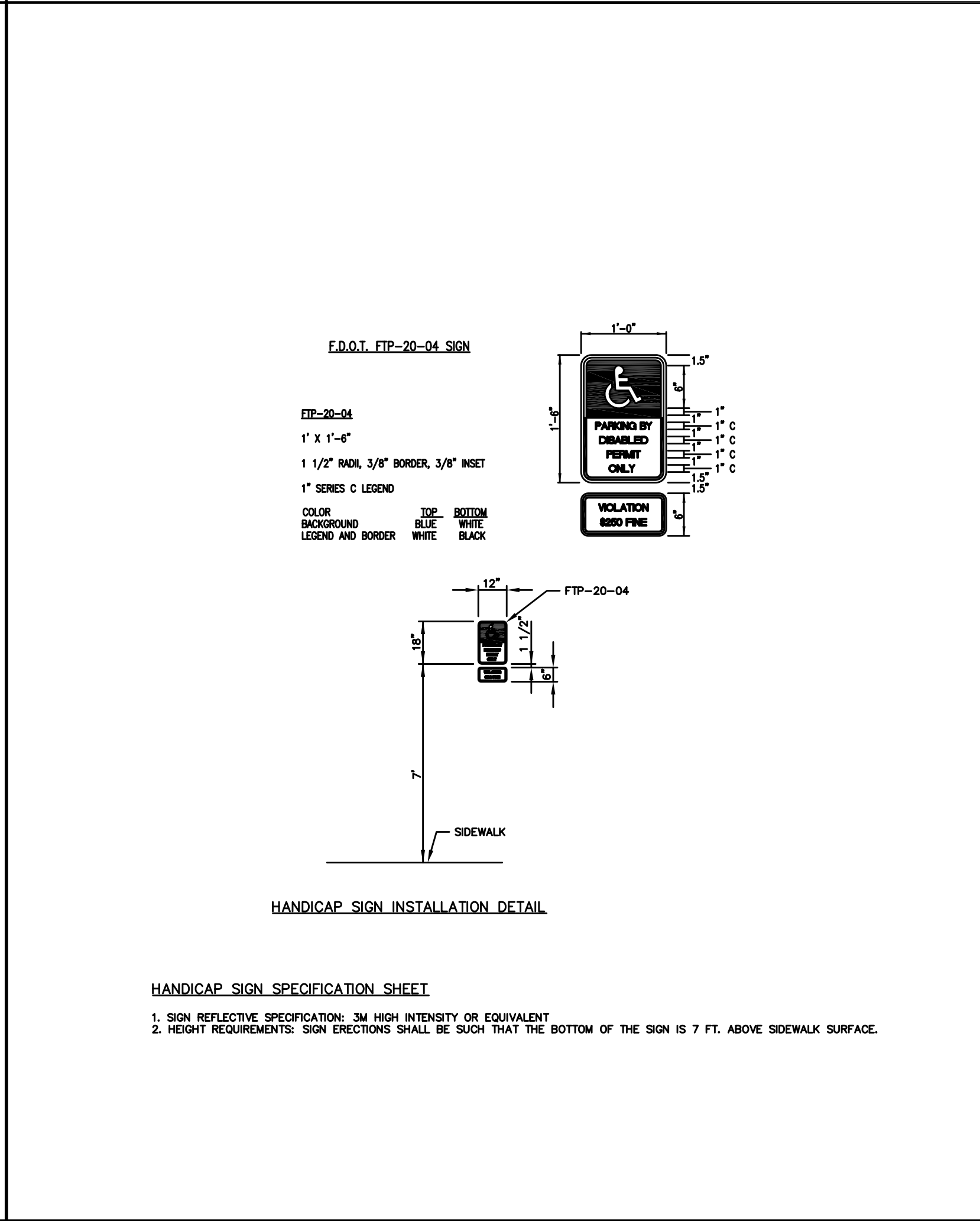
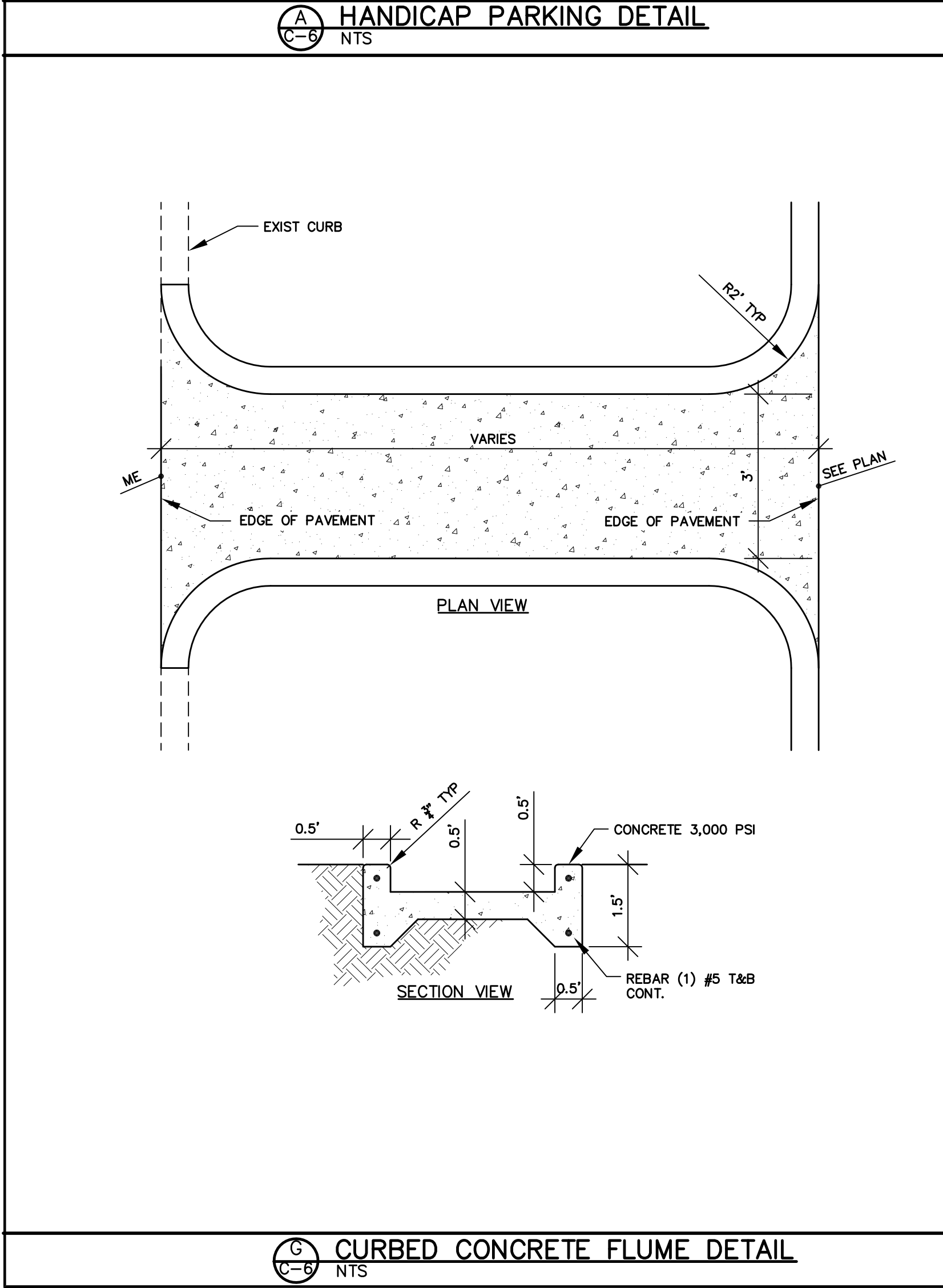
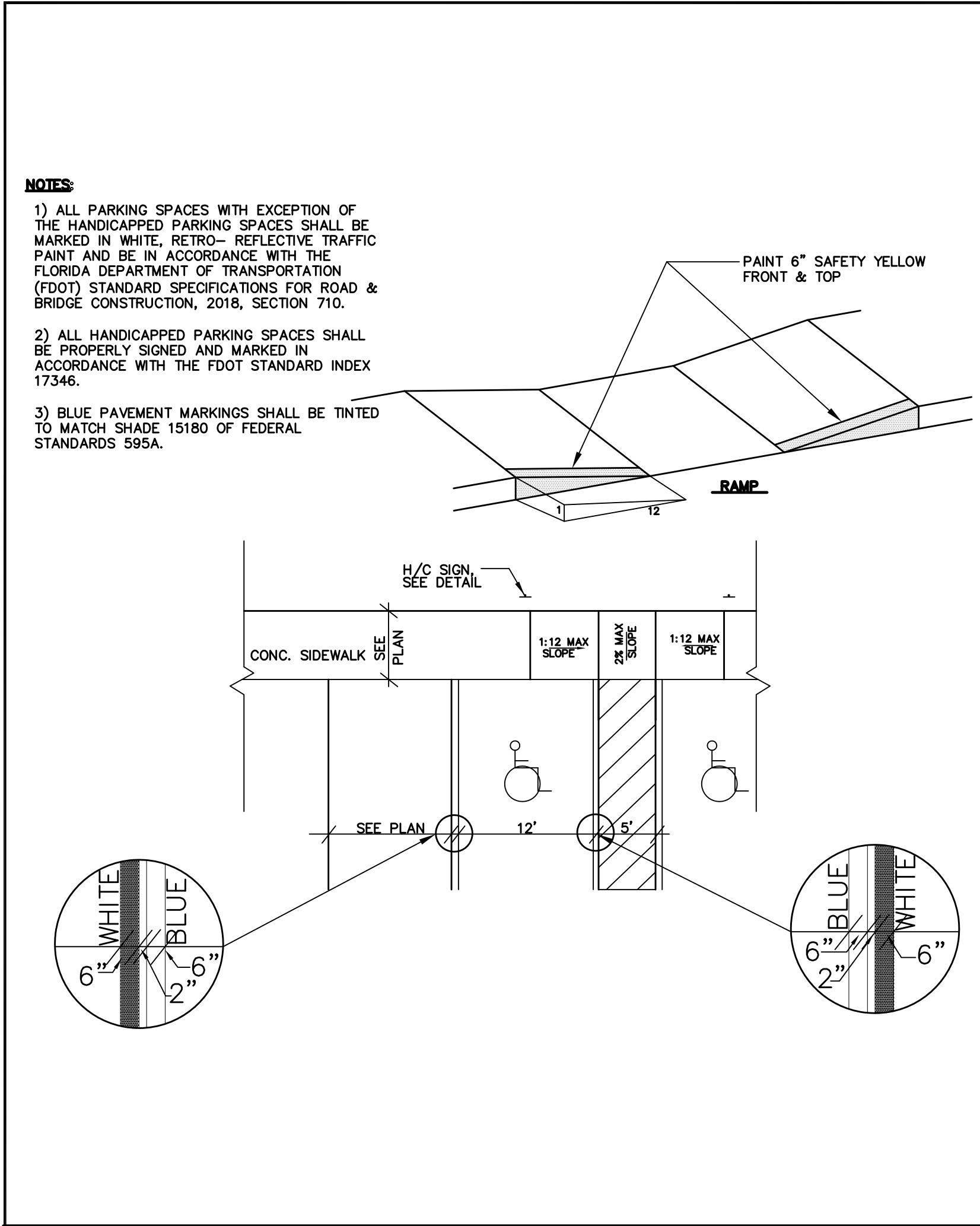
MONROE ENGINEERING, INC.
CIVIL ENGINEERING / STRUCTURAL ENGINEERING
P.O. BOX 121094, WEST MELBOURNE, FL 32912
PE #61778 PHONE: 321-544-8177 CA #32271

PROJECT: NEW DISTRICT OFFICE

SHEET TITLE: SECTION DETAILS

ISSUE DATE:	10-15-18	DRAWN BY:	SM	CHECK BY:	SM	APPR. BY:	SM	SCALE:	1:30	
REV. BY:	DATE:	CONSTRUCTION DOCUMENTS FOR BID-PERMIT							JOB NO.	18-006
SM	1-9-19	FDCE REVIEW COMMENTS - V.E. REVS							SHEET:	6 OF 10
SM	3-5-19	REV PER CITY OF LIVE OAK							C-5	

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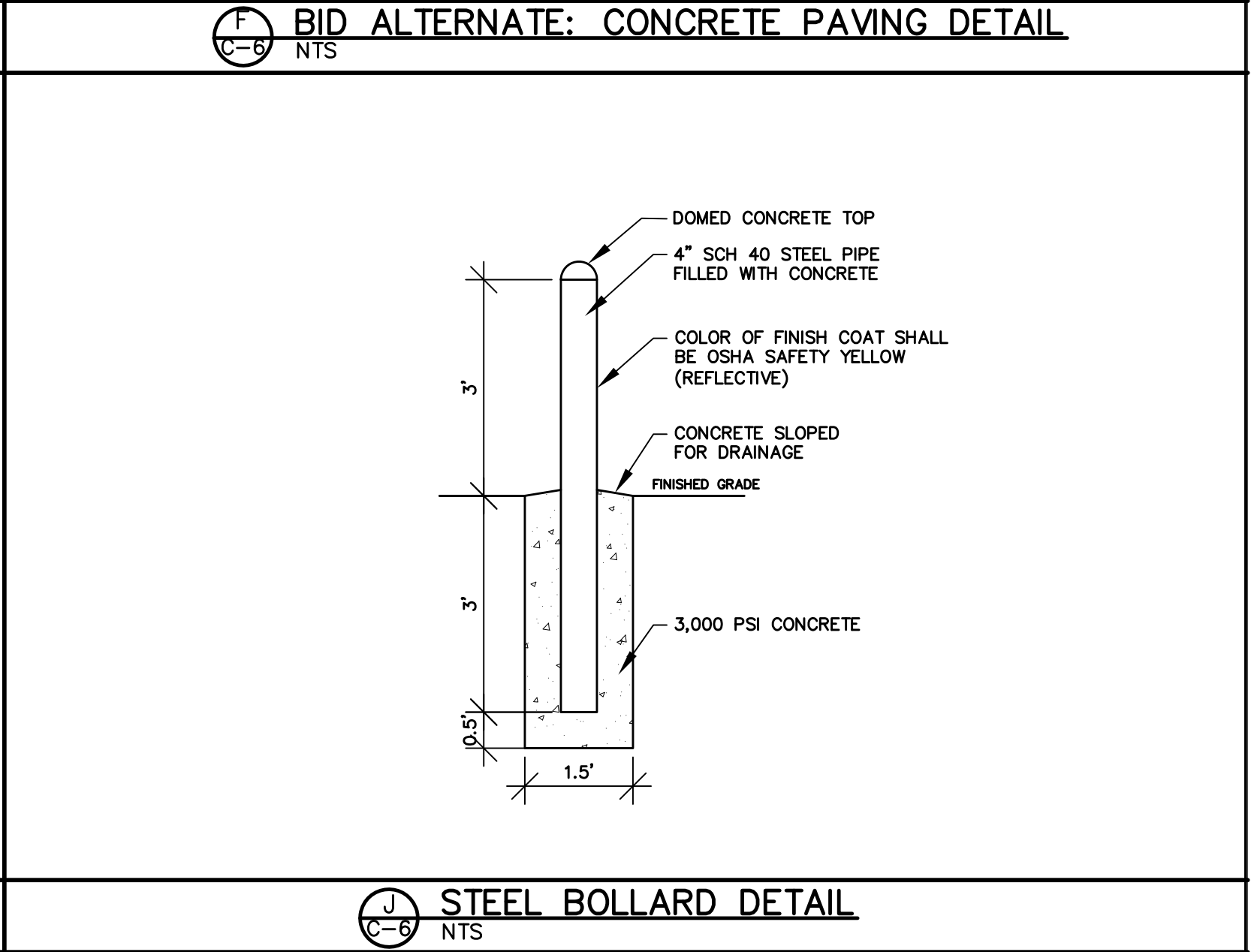
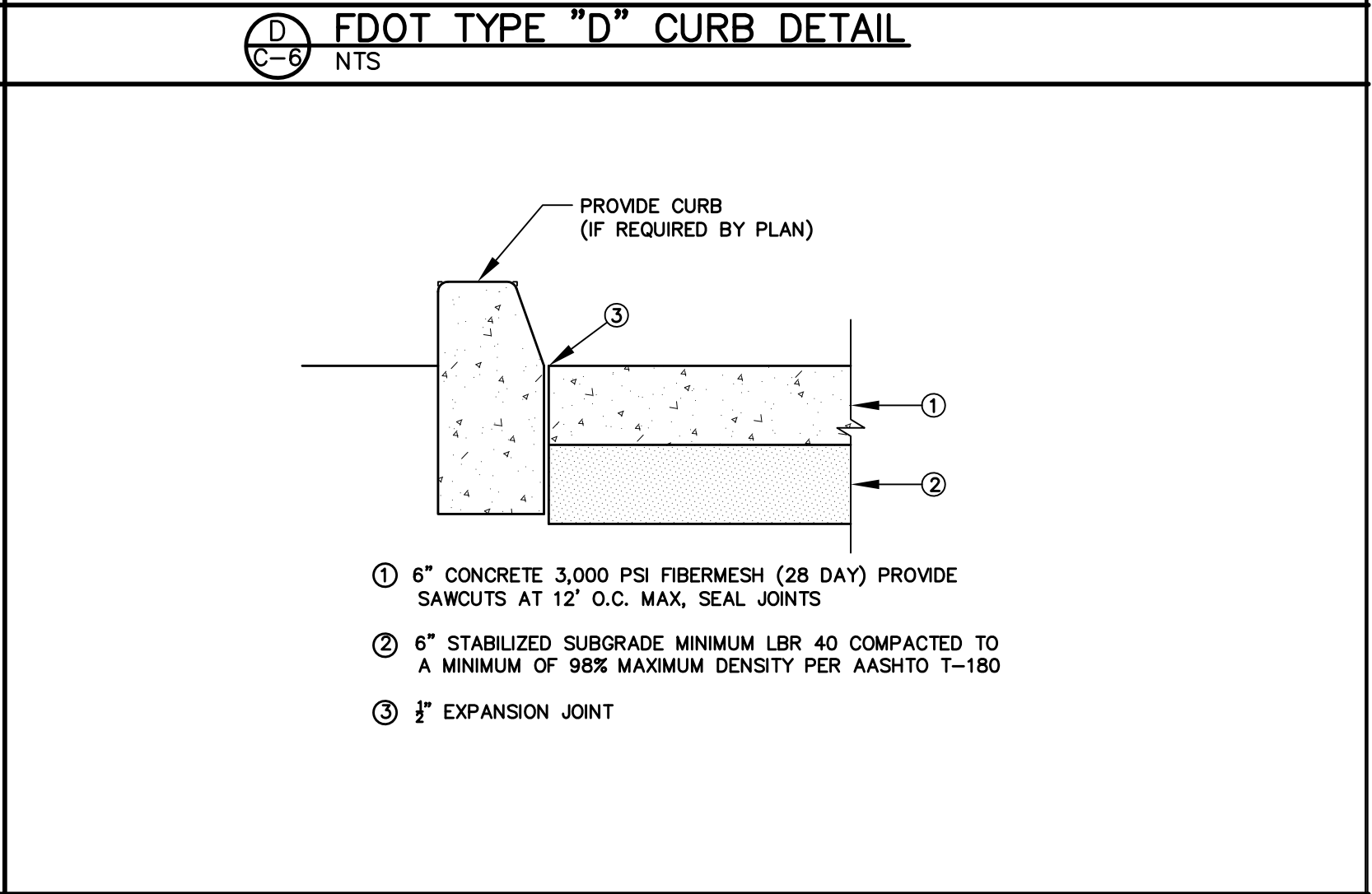
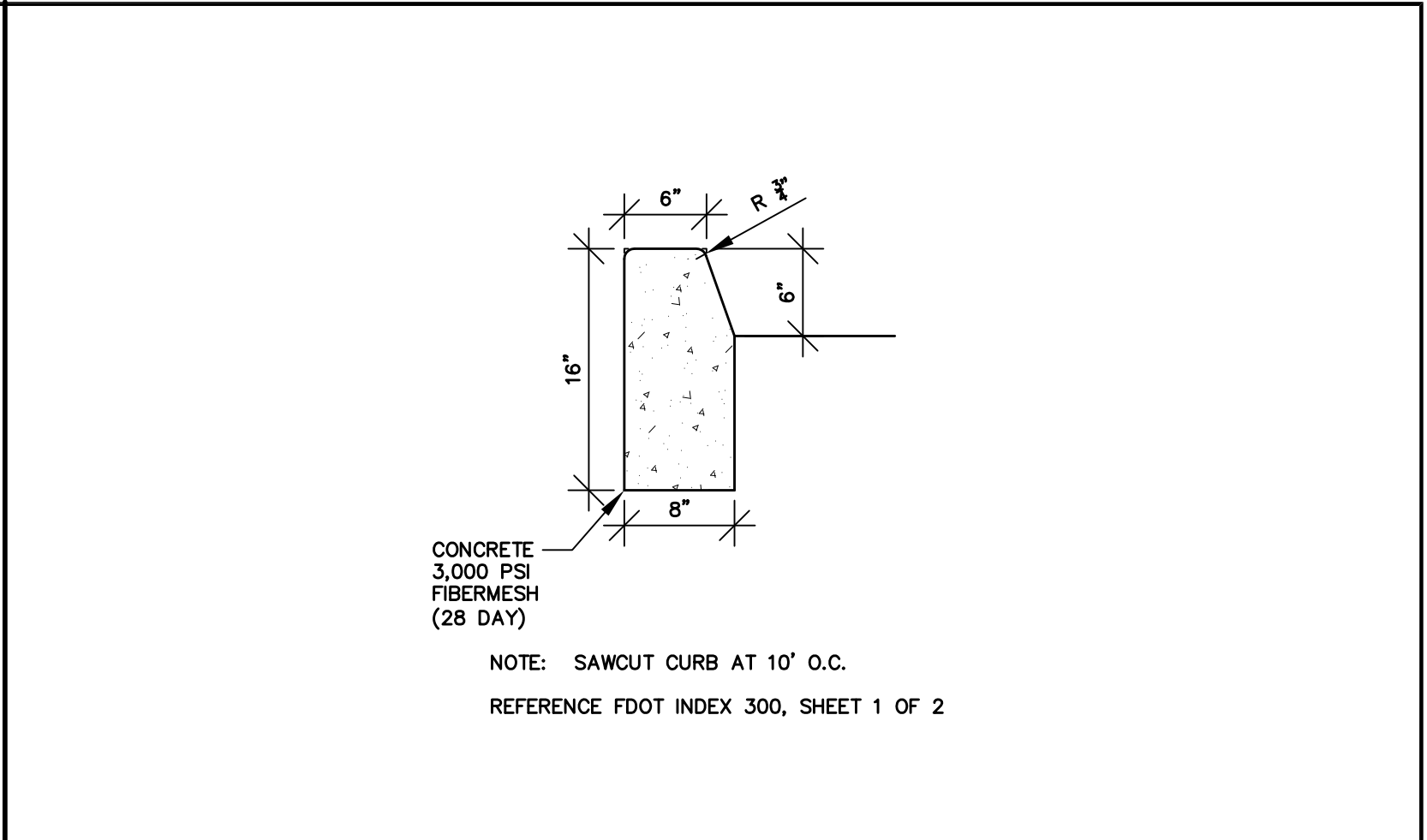
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PE #61778 PHONE: 321-544-8177 CA #32271

PROJECT: NEW DISTRICT OFFICE

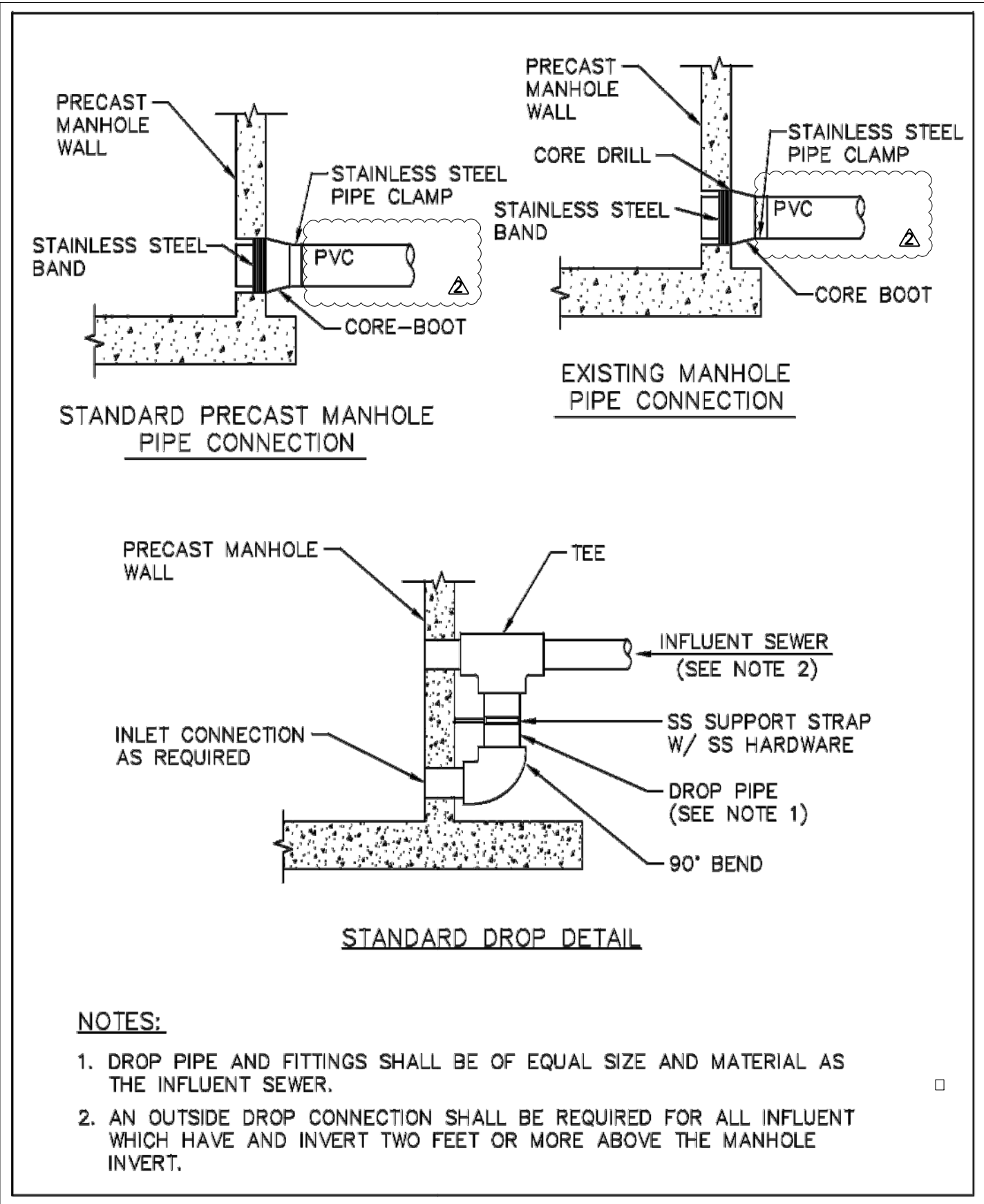
SHEET TITLE: DETAILS

ISSUE DATE: 10-15-18 DRAWN BY: SM CHECK BY: SM APPR. BY: SM SCALE: 1:30

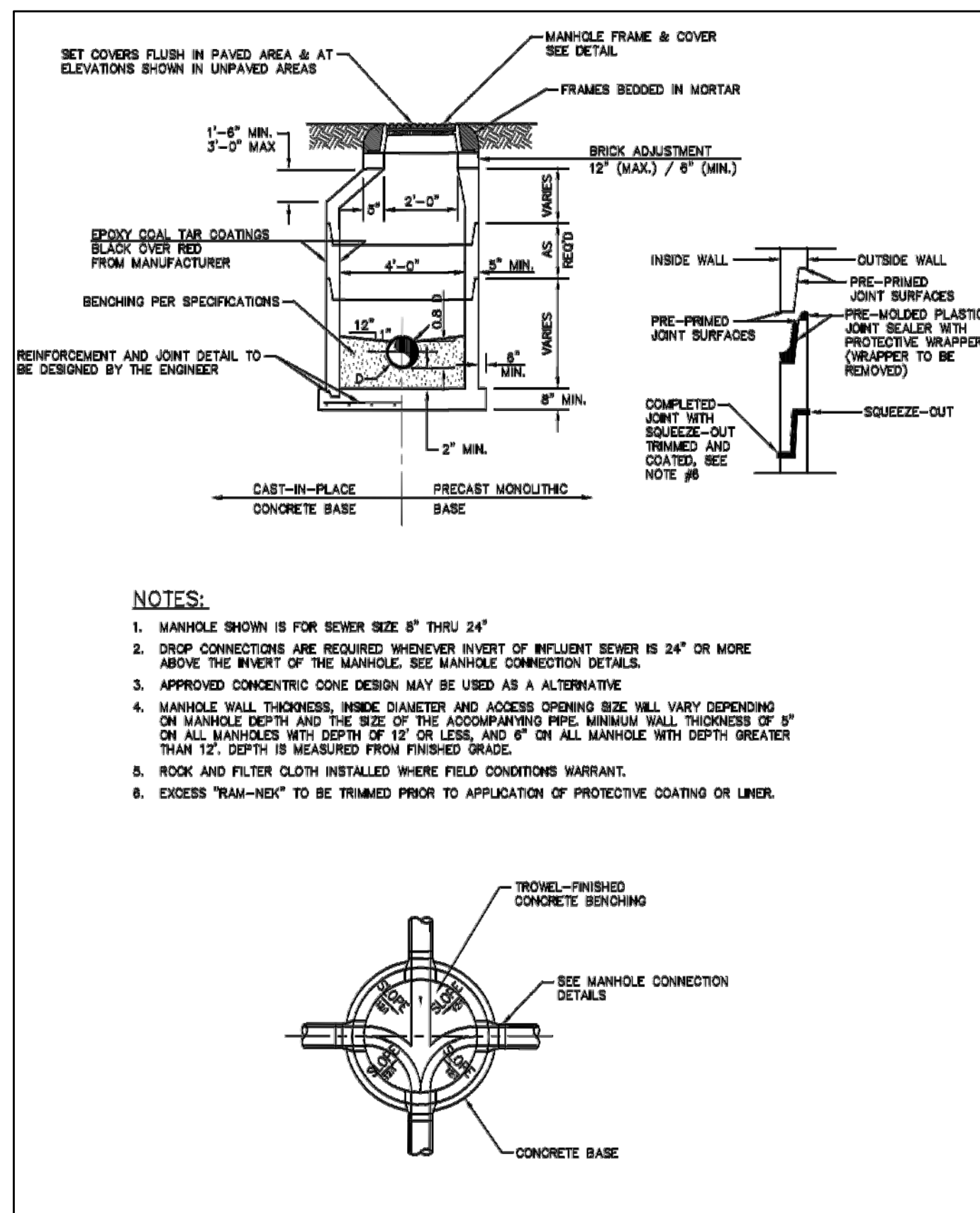
REV. BY DATE
A SM 10-15-18 CONSTRUCTION DOCUMENTS FOR BID-PERMIT
A SM 1-9-19 FDOE REVIEW COMMENTS - V.E. REVS

JOB NO. 18-006
SHEET: 7 OF 10
C-6

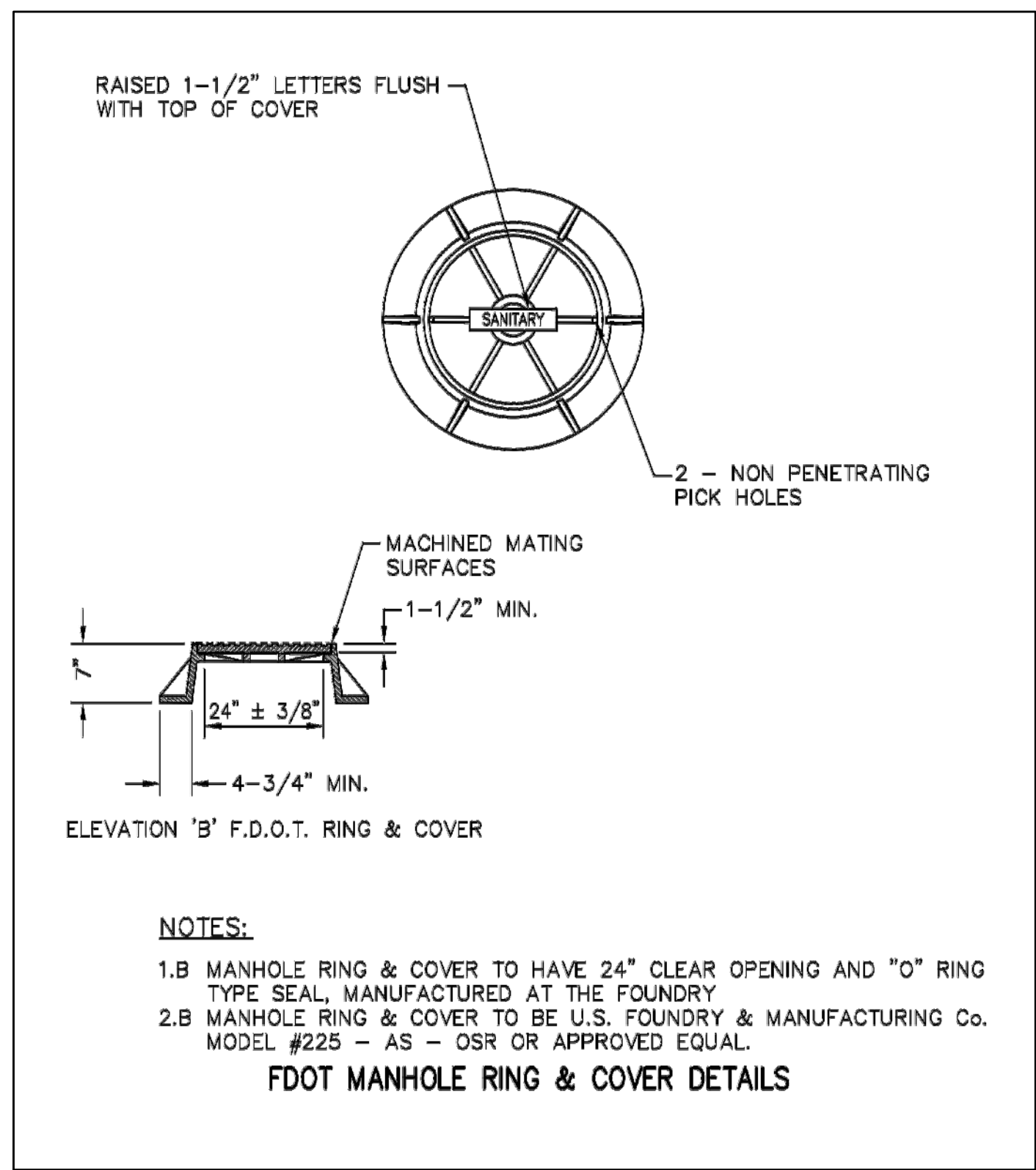
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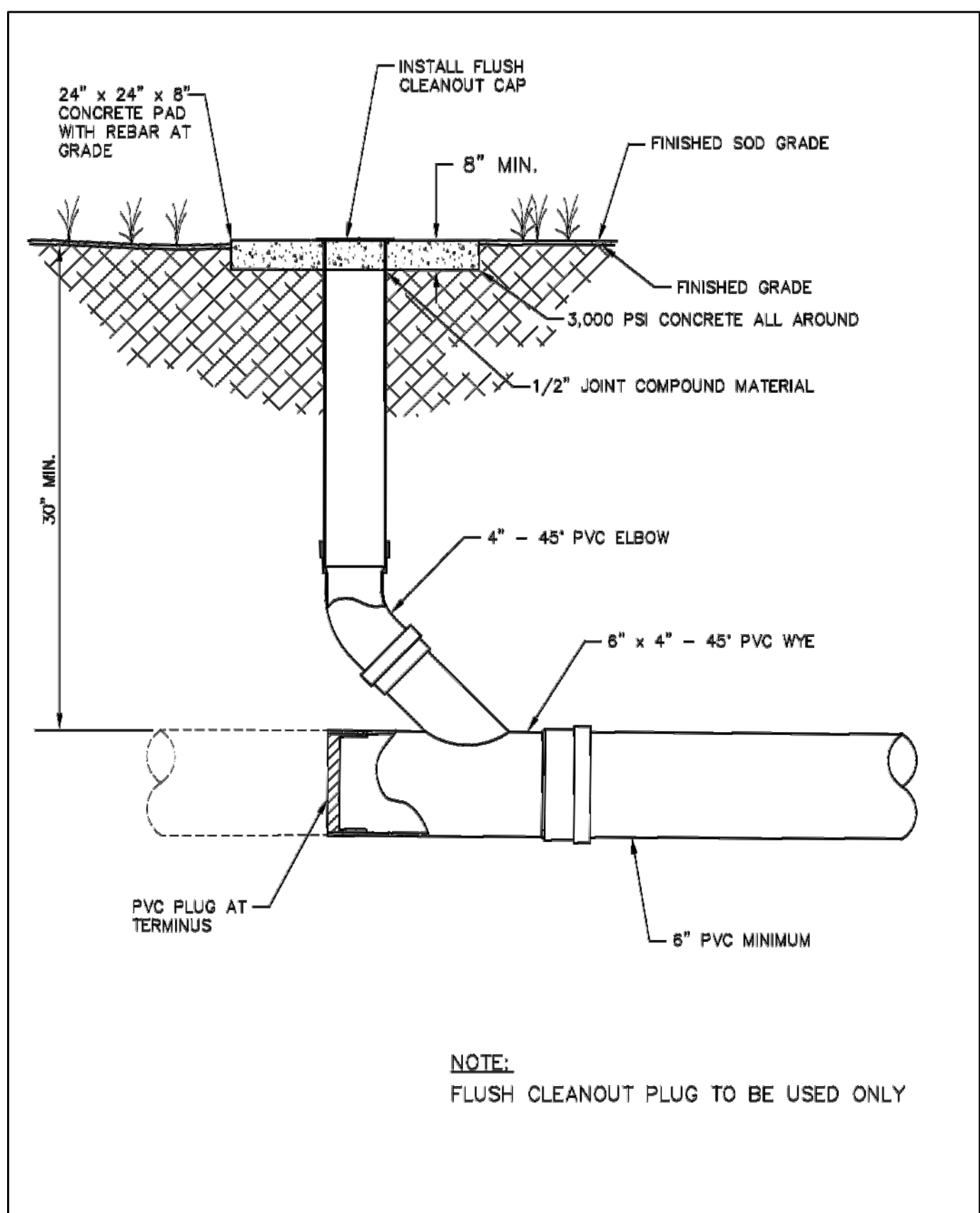
(A) SEWER MANHOLE CONNECTION DETAIL
NTS



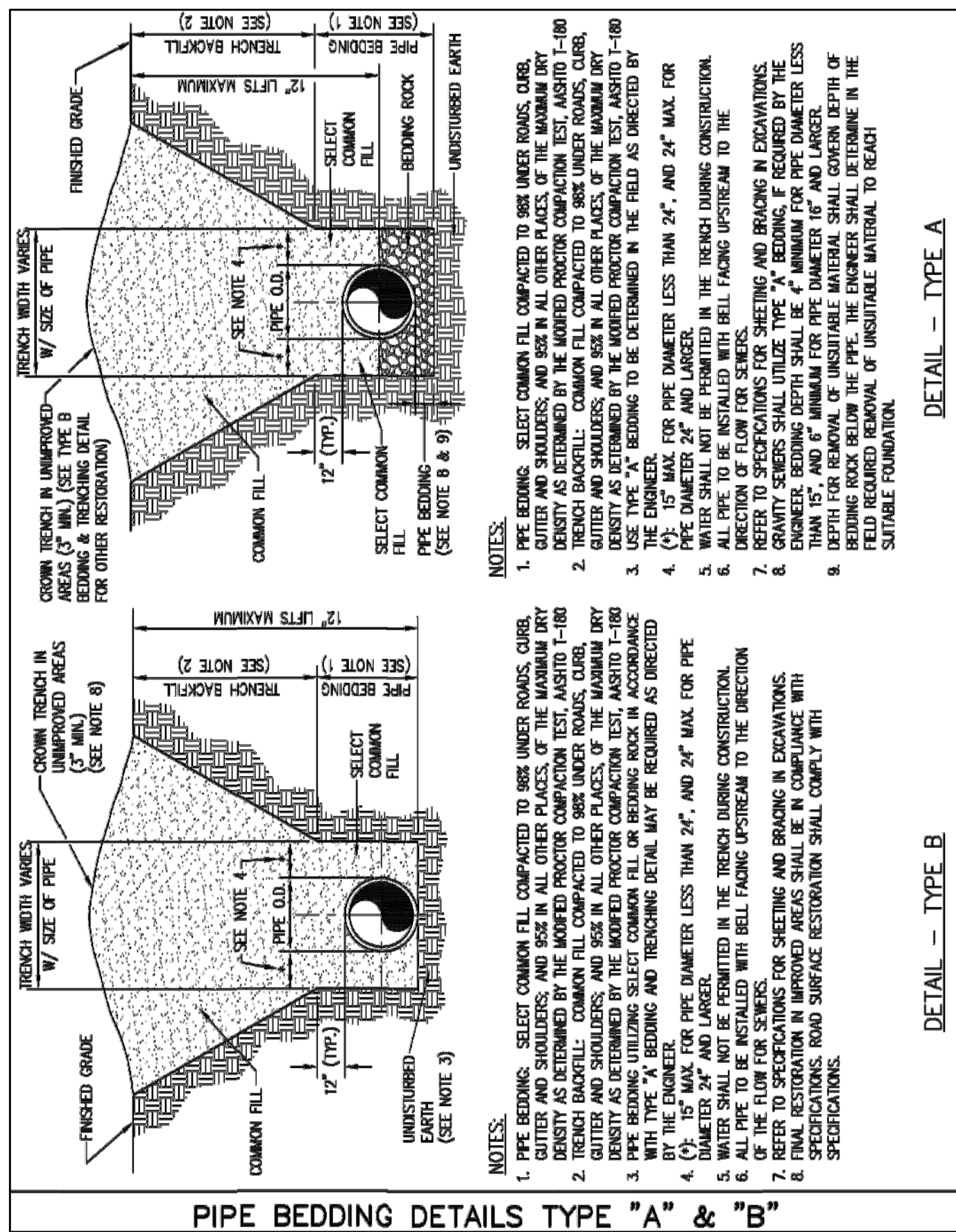
(B) SEWER STANDARD MANHOLE DETAIL
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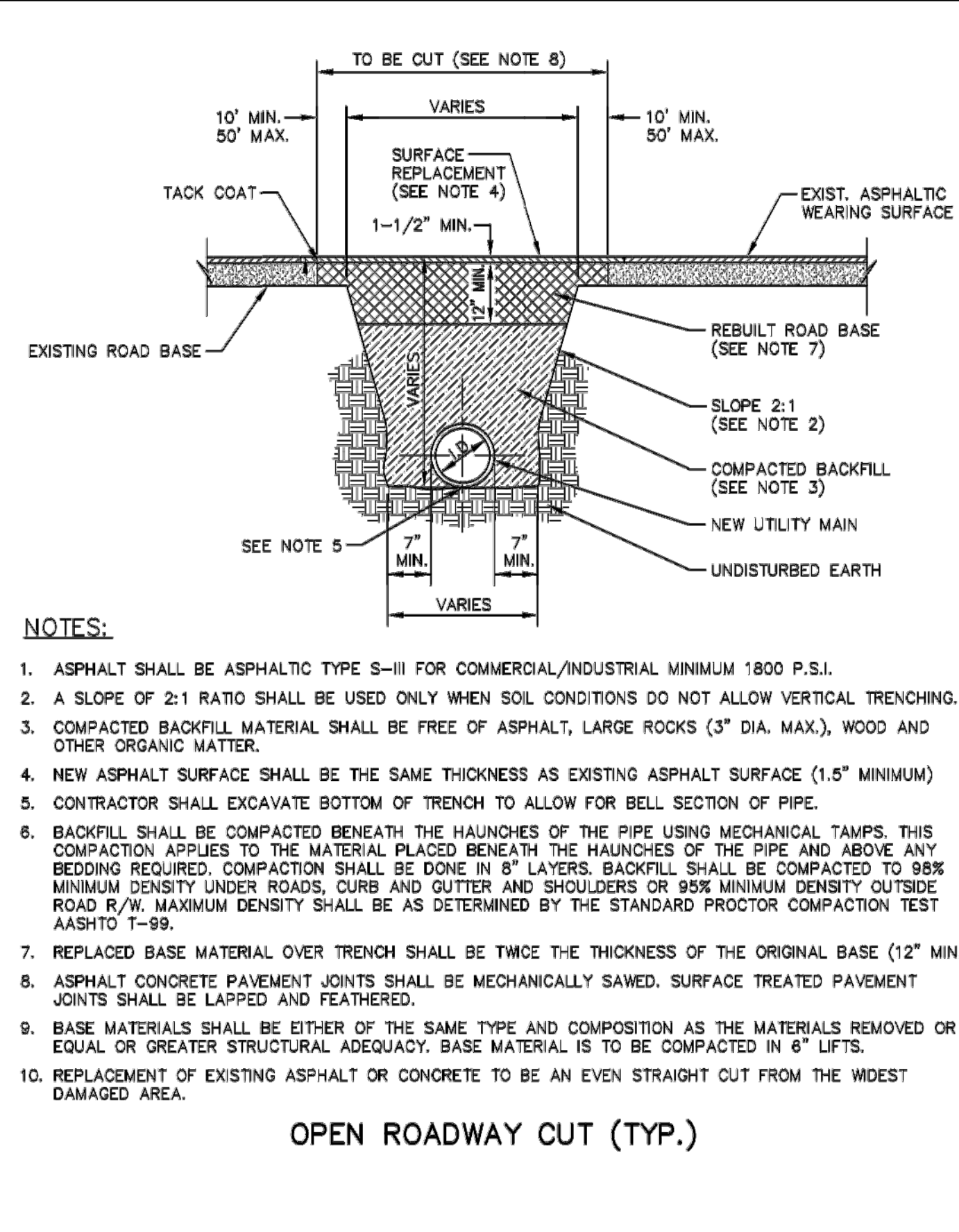
(C) SEWER MANHOLE RING & COVER DETAIL
NTS



(D) SEWER NON-TRAFFIC CLEANOUT DETAIL
NTS



(E) PIPE BEDDING DETAILS
NTS



(F) ROADWAY OPEN CUT DETAIL
NTS

FDEP MINIMUM SEPARATION REQUIREMENTS (FAC 62-555.314 LOCATION OF PUBLIC WATER SYSTEM MAINS)

FOR THE PURPOSE OF THIS SECTION, THE PHRASE "WATER MAINS" SHALL MEAN MAINS, INCLUDING TREATMENT PLANT PROCESS PIPING, CONVEYING EITHER RAW, PARTIALLY TREATED, OR FINISHED DRINKING WATER; FIRE HYDRANT LEADS; AND SERVICE LINES THAT ARE UNDER THE CONTROL OF A PUBLIC WATER SYSTEM AND THAT HAVE AN INSIDE DIAMETER OF THREE INCHES OR GREATER.

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(c) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(d) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.006(2), F.S., AND RULE 64E-6.002, F.A.C.

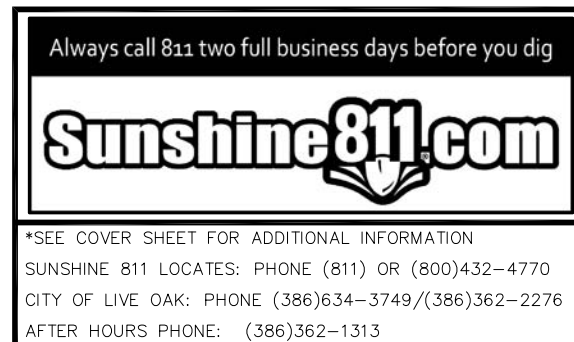
(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(a) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(b) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(c) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B), ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(G) FDEP MINIMUM SEPARATION NOTES
NTS



PROJECT: NEW DISTRICT OFFICE

SHEET TITLE: UTILITY DETAILS

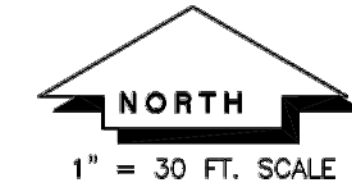
ISSUE DATE: 10-15-18	DRAWN BY: SM	CHECK BY: SM	APPR. BY: SM	SCALE: 1:30
REV. BY: DATE	SM 10-15-18	CONSTRUCTION DOCUMENTS FOR BID-PERMIT		JOB NO. 18-006
SM 1-9-19	FDCE REVIEW COMMENTS - V.E. REVS			SHEET: 8 OF 10
				C-7

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AS-BUILT SURVEY OF
LIVE OAK ELEMENTARY SCHOOL
IN
SECTION 28
TOWNSHIP 02 SOUTH, RANGE 13 EAST
SUWANNEE COUNTY, FLORIDA.

1320.79'

PROPERTY LINE

N 00°36'07" E

MATCH LINE "B"

MATCH LINE "B"

MATCH LINE "D"

MATCH LINE "C"

MATCH LINE "M"

SUWANNEE ELEMENTARY SCHOOL
1-STORY CONC. BLOCK BUILDING
FFE - 114.13

ASPHALT PARKING

ASPHALT PARKING

ASPHALT PARKING

RETENTION AREA

RETENTION AREA

RETENTION AREA

MATCH LINE "B"

MATCH LINE "B"

MATCH LINE "D"

MATCH LINE "C"

MATCH LINE "M"

SUWANNEE ELEMENTARY SCHOOL
1-STORY CONC. BLOCK BUILDING
FFE - 114.13

ASPHALT PARKING

ASPHALT PARKING

ASPHALT PARKING

RETENTION AREA

RETENTION AREA

RETENTION AREA

SM 10-15-18 CONSTRUCTION DOCUMENTS FOR BID-PERMIT

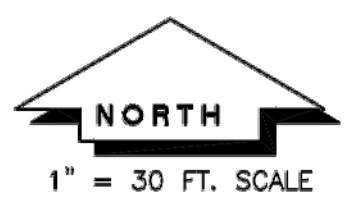
SHEET 4 OF 7

FOR: M.E. CONSTRUCTION, INC.

SCALE: 1" = 30'	DATE SURVEYED: 08-30-06	DATE DRAWN: 07-26-06
REVISED:	APPROVED BY:	DRAWN BY: SH
J. SHERMAN FRIER & ASSOCIATES, INC. LAND SURVEYORS CERTIFICATE OF AUTHORIZATION - LB# 7170		
130 W. HOWARD ST. / P.O. BOX 580 PHONE: 386-362-4629	LIVE OAK, FL 32064 FAX: 386-362-5270	DRAWING NUMBER: 438-0306 AS

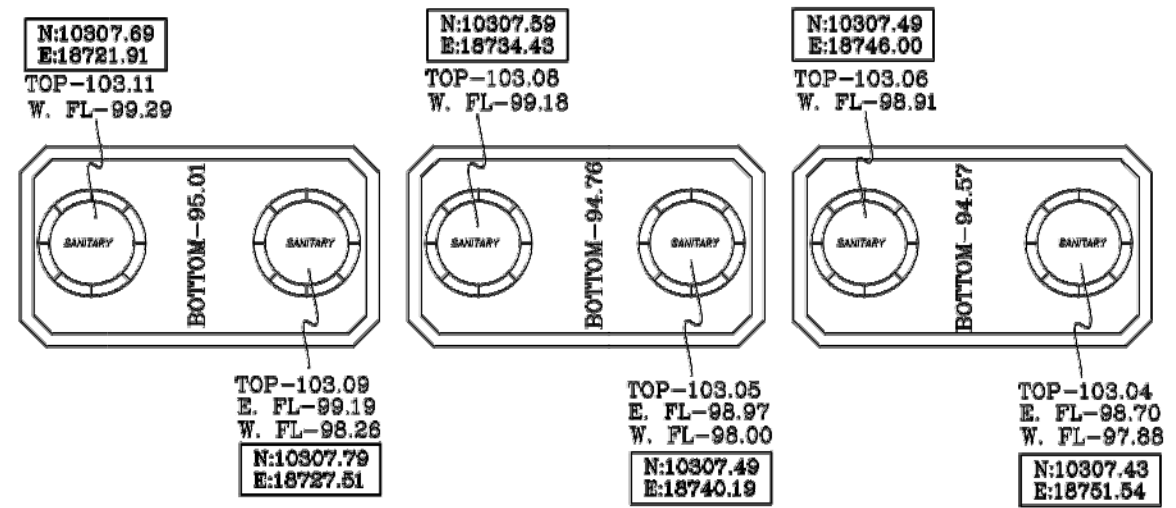
PROJECT: NEW DISTRICT OFFICE JOB NO. 18-006 SHEET TITLE: SURVEY SHEET: 9 OF 10 C-8

AS-BUILT SURVEY OF
LIVE OAK ELEMENTARY SCHOOL
IN
SECTION 26
TOWNSHIP 02 SOUTH, RANGE 13 EAST
SUWANNEE COUNTY, FLORIDA.



DETAIL
NOT TO SCALE

GREASE TRAPS



SM 10-15-18 CONSTRUCTION DOCUMENTS FOR BID-PERMIT

FOR: M.E. CONSTRUCTION, INC.

SCALE: 1" = 30'	DATE SURVEYED: 06-30-06	DATE DRAWN: 07-26-06
REVISED:	APPROVED BY:	DRAWN BY: SH
J. SHERMAN FRIER & ASSOCIATES, INC.		
LAND SURVEYORS CERTIFICATE OF AUTHORIZATION - LB# 7170		
130 W. HOWARD ST. / P.O. BOX 580 PHONE: 386-362-4629	LIVE OAK, FL 32064 FAX: 386-362-5270	DRAWING NUMBER: 438-0306 AS