

VILLAGE AT MIAMI GARDENS
PAVING AND DRAINAGE PLAN
SEC 04 - T 52S - R 41E
T-24313

INDEX OF SHEETS:

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R-4 CIVIL DETAILS AND NOTES

CONTACT INFORMATION

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Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

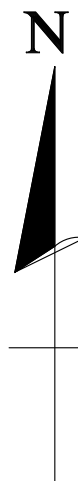
Check positive response codes before you dig!

ENGINEER CERTIFICATION

THIS PLAN WAS PREPARED UNDER MY DIRECTION AND IS TRUE AND CORRECT AND TO THE BEST OF MY KNOWLEDGE CONFORMS TO THE REQUIREMENTS SHOWN IN THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS AS ADOPTED BY THE STATE OF FLORIDA LEGISLATIVE CHAPTER 72-328 F.S.

PROJECT ACREAGE

3.27 AC	TOTAL ACREAGE PRIVATE PROPERTY
3.53 AC	TOTAL ACREAGE INCLUSIVE OF RIGHT OF WAY
0.44 AC	TOTAL ACREAGE FOR DRAINAGE CALCULATION W/ 25' OFFSET
0.26 AC	TOTAL ACREAGE OF RIGHT OF WAY



LOCATION MAP

SCALE 1" = 300'
NW 189 ST TO NW 191 ST AND NW 34 CT, MIAMI GARDENS

LEGAL DESCRIPTION

THE EAST 1/2 OF TRACT 77, OF SECTION 4, TOWNSHIP 52 SOUTH, RANGE 41 EAST, MIAMI GARDENS, ACCORDING TO THE MAP OR PLAT THEREOF, AS RECORDED IN PLAT BOOK 2, PAGE 96, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

AND

THE NORTH 265 FEET OF THE WEST 1/2 OF TRACT 77, LESS THE NORTH 20 FEET THEREOF, OF SECTION 4, TOWNSHIP 52 SOUTH, RANGE 41 EAST, MIAMI GARDENS, ACCORDING TO THE MAP OR PLAT THEREOF, AS RECORDED IN PLAT BOOK 2, PAGE 96, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

PROPOSED STRUCTURES TABLE

FOR VALUES AND PROCEDURES USED TO DETERMINE LENGTH OF PROPOSED EXFILTRATION TRENCH SEE DRAINAGE CALCULATIONS

CB #	STRUCT.	RIM ELEV.	STRUCT. BOT.	PIPE SIZE/DIRECTION	BAFFLE/DIRECTION	PIPE INV/DIRECTION	FRAME/GRATE	TRENCH
A1	TYPE J (60" MIN)	8.30'	1.30'	24"ø/E	(1) BAFFLE/E	4.30'/E	USF 4700/6223	
A2	TYPE J (60" MIN)	8.30'	1.30'	24"ø/W	(1) BAFFLE/W	4.30'/W	USF 4700/6223	120 LF
A3	TYPE J (60" MIN)	8.00'	1.00'	24"ø/W	(1) BAFFLE/W	4.30'/W	USF 4700/6223	

ENGINEER'S NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MIAMI DADE COUNTY PUBLIC WORKS MANUAL AND DADE COUNTY SPECIFICATIONS.
- ALL SECTIONS INDICATED HEREIN REFER TO THE PUBLIC WORKS MANUAL OF MIAMI DADE COUNTY.
- ALL UNDERGROUND INFORMATION SHALL BE VERIFIED WITH THE DIFFERENT UTILITY COMPANIES BEFORE THE START OF ANY CONSTRUCTION OR EXCAVATION, NEITHER THE ENGINEER OR OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THIS ITEM.
- ALL UNDERGROUND INSTALLATIONS SHALL BE PROTECTED AT ALL TIMES DURING CONSTRUCTION AND EXCAVATION.
- ALL DRAINAGE STRUCTURES SHALL BE CATCH BASINS TYPE J W/ BAFFLE WITH TRENCH SD, 1.1 PERFORATED PIPE INVERT TO BE ABOVE THE OCTOBER HIGH WATER TABLE (2.8 N.G.V.D.) & 2.0' MIN. COVER.
- BOTTOM OF TRENCH ELEVATION FOR DRAINAGE STRUCTURES TO BE 10 FEET FROM TOP OF CATCH BASIN.
- FLOOD CRITERIA 6.2' N.G.V.D.
- ALL ELEVATIONS REFER TO N.G.V.D.
- CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES I.E. UTILITY POLES, WATER METERS, SEWER LATERAL INVERT AND FIRE HYDRANTS. SHOULD CONFLICT EXIST CONTACT ENGINEER IMMEDIATELY.
- ENGINEER IS NOT RESPONSIBLE FOR ANY AESTHETIC DEFECTS/DEFICIENCIES FROM THE CONSTRUCTION OF PROPOSED DESIGN AND SHALL BE COORDINATED WITH OWNER/DEVELOPER AT TIME OF ACCEPTANCE.
- FOLIO # 34-2104-001-0310
- SURVEY PROVIDED FOR DESIGN WAS PREPARED BY FRANCISCO L. NUNEZ, PSM NO 6382 DATED 6-23-2018.
- CONTRACTOR TO APPLY SEDIMENT AND EROSION CONTROL MEASURES AROUND ENTIRE PROPERTY, SURROUNDING ALL AREAS OF CONSTRUCTION. SEE DETAILS AND NOTES. CONTRACTOR SHALL VERIFY WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION OF NPDES PERMIT REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE AN AS-BUILT DRAWING FOR THE CLOSURE OF THE PUBLIC WORKS PERMIT PROVIDING ALL THE NECESSARY INVERTS, GRADES AND TRENCH SECTIONS SHOWING DEPTH OF TRENCH. AS-BUILT DRAWING SHALL BE SIGNED AND SEALED BY A LICENSED SURVEYOR AND TO BE CERTIFIED BY THIS OFFICE.

UNDERGROUND CONTRACTORS

- UNDERGROUND CONTRACTOR SHALL COMPLY WITH THE TRENCH SAFETY ACT HB3183, FLORIDA STATUTES, WHICH INCORPORATES, BUT IS NOT LIMITED TO THE FOLLOWING:
 - OSHA STANDARD 29 C.F.R. PART 1926, SUBPART P, EXCAVATION AND TRENCHES.
 - CONTRACTOR BIDS FOR TRENCHES EXCAVATIONS (IN EXCESS OF 5 FEET DEEP) SHALL INCLUDE REFERENCE TO THE SAFETY STANDARDS, WRITTEN ASSURANCE OF COMPLIANCE, AND A SEPARATE ITEM IDENTIFYING THE COST OF COMPLIANCE.
 - ADHERE TO ANY SPECIAL SHORING REQUIREMENTS OF THE STATE OR OTHER POLITICAL SUBDIVISION.
 - ENGINEER IS NOT RESPONSIBLE FOR THE SAFETY OF THE EXCAVATION OR DESIGN AND CONSTRUCTION OF ANY SHORING.

LEGEND

CL	CENTER LINE	[Hatched Box]	PROP. PAVEMENT PER TYPICAL SECTION
PL	PROPERTY LINE	[Solid Box]	PROP. CONCRETE
R/W	RIGHT-OF-WAY LINE	[7.60]	PROP. ELEVATION
EXIST.	DENOTES EXISTING	[Arrow]	PROP. STORM FLOW
PROP.	DENOTES PROPOSED	[Circle]	PROP. CATCH BASIN
TYP	DENOTES TYPICAL	[Box]	PROP. FRENCH DRAIN
EOP	DENOTES EDGE OF PAVEMENT	[House]	PROP. STRUCTURE NUMBER
(MH)	EXIST. SANITARY SEWER MANHOLE	[Berm]	PROP BERM SEE DETAIL
(S)	EXIST. STORM SEWER MANHOLE	[Elev]	EXIST. ELEVATION
(F)	EXIST. FIRE HYDRANT	[Valve]	EXIST. WATER VALVE
(M)	EXIST. WATER METER BOX	[Valve]	PROP. WATER VALVE

SCOPE OF WORK

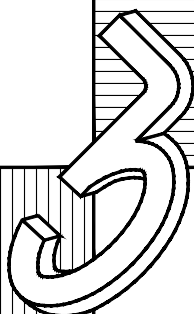
ADDRESS TENTATIVE PLAT COMMENT:
1. DRAINAGE REQUIREMENT
2. 6" SIDEWALK
3. 5' SHOULDER
4. STRIPING

VILLAGE AT MIAMI GARDENS

3400 NW 191 ST, MIAMI GARDENS, FL 33056: FOLIO: 34-2104-001-0310

C A R L A B, I N C.

CERTIFICATE OF AUTHORIZATION 6419
ARCHITECTURE - PLANNING - ENGINEERING
8730 SOUTHWEST 25TH STREET, MIAMI, FL 33165 TEL: 305 283-3512 FAX: 305 226-0438



Revisions	Date:
PW COMMENT	SCL 1/6/19

Seal
Date:
SERGIO C. LABISTE P.E. #61733

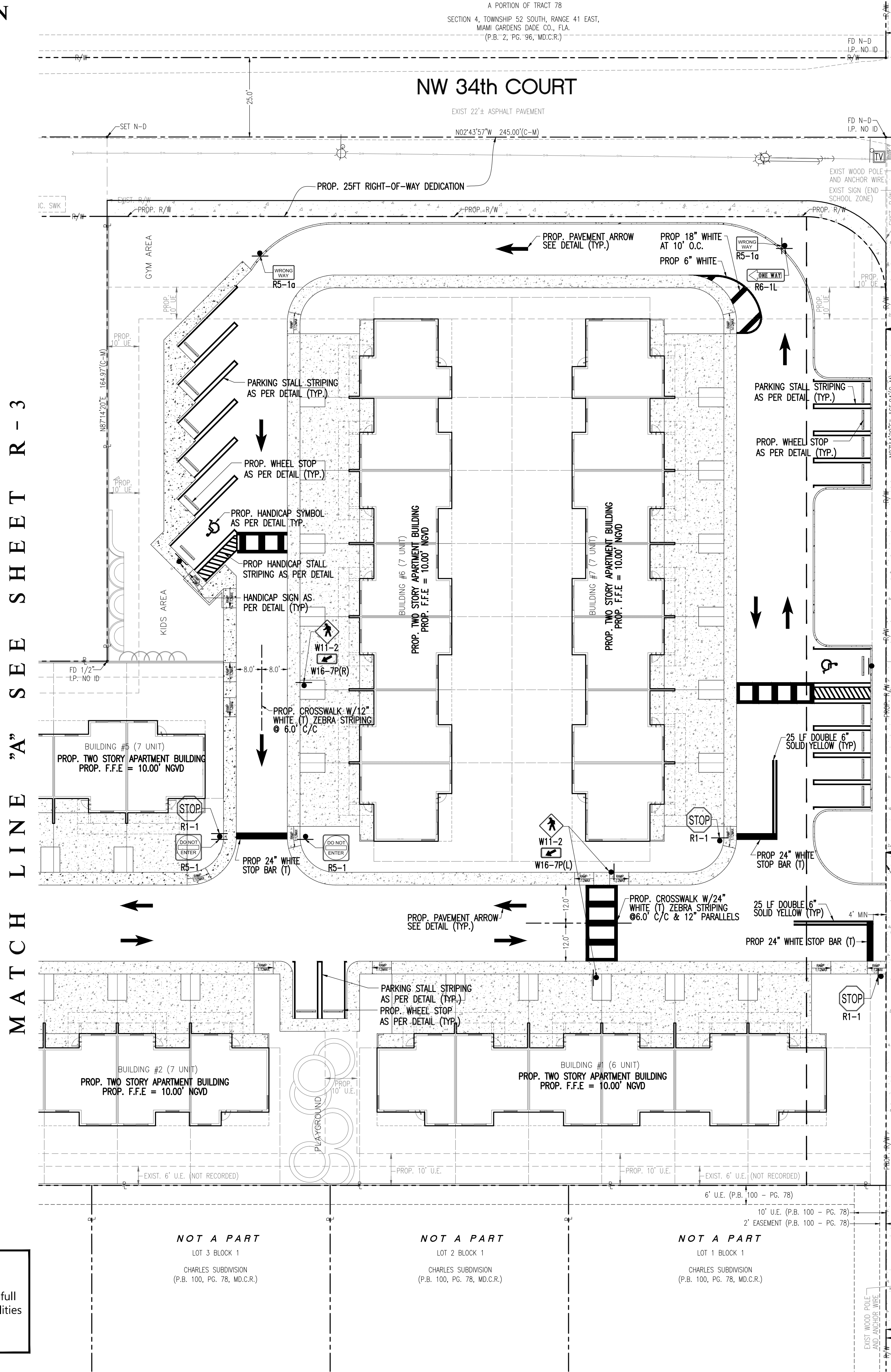
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Scale: AS-SHOWN
Drawn: SCL
Checked: SCL
Designed: SCL
Project No. 18-1554

Drawing No.
R - 1

ON-SITE PLANS SHOWN FOR REFERENCE

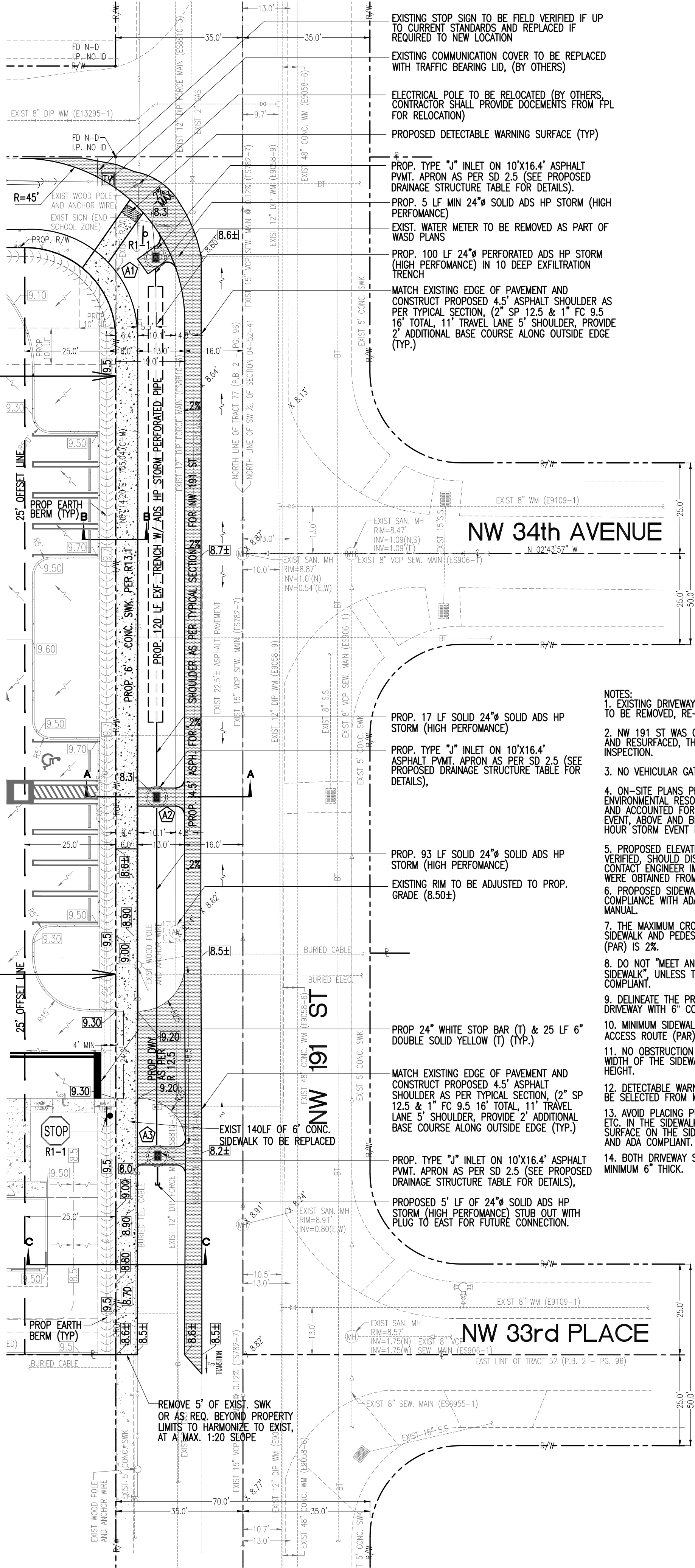
SCOPE OF THESE PLANS

SCALE: 1" = 20'



REFERENCE
LINE

REFERENCE
LINE



- NOTES:
- EXISTING DRIVEWAYS WITHIN RIGHT OF WAY TO BE REMOVED, RE-GRADED AND SODDED.
 - NW 191 ST WAS CURRENTLY BEING MILLED AND RESURFACED, THE DAY OF VISUAL INSPECTION.
 - NO VEHICULAR GATE PERMITTED
 - ON-SITE PLANS PROVIDED FOR REFERENCE, ENVIRONMENTAL RESOURCE PERMIT OBTAINED AND ACCOUNTED FOR 100 YEAR 3 DAY STORM EVENT, ABOVE AND BEYOND THE 5 YEAR 24 HOUR STORM EVENT REQUIRED
 - PROPOSED ELEVATIONS TO BE FIELD VERIFIED, SHOULD DISCREPANCY EXIST, CONTACT ENGINEER IMMEDIATELY, ELEVATIONS WERE OBTAINED FROM SUBMITTED T-PLAT
 - PROPOSED SIDEWALKS TO BE INSTALLED IN COMPLIANCE WITH ADA AND PUBLIC WORKS MANUAL.
 - THE MAXIMUM CROSS-SLOPE FOR NEW SIDEWALK AND PEDESTRIAN ACCESS ROUTE (PAR) IS 2%.
 - DO NOT "MEET AND MATCH" EXISTING SIDEWALK, UNLESS THE EXISTING IS ADA COMPLIANT.
 - DELINEATE THE PROPOSED SIDEWALK AT THE DRIVEWAY WITH 6" CONCRETE THICKNESS.
 - MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.
 - NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0" IN HEIGHT.
 - DETECTABLE WARNING SURFACE (DWS) TO BE SELECTED FROM MDC ARTICLE 527 LIST.
 - AVOID PLACING PULL BOXES, MANHOLES, ETC. IN THE SIDEWALKS; OTHERWISE ALL LIDS SURFACE ON THE SIDEWALK MUST BE FLUSH AND ADA COMPLIANT.
 - BOTH DRIVEWAY SIDEWALK WIDTHS TO BE MINIMUM 6" THICK.

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Drawing No.
R - 2

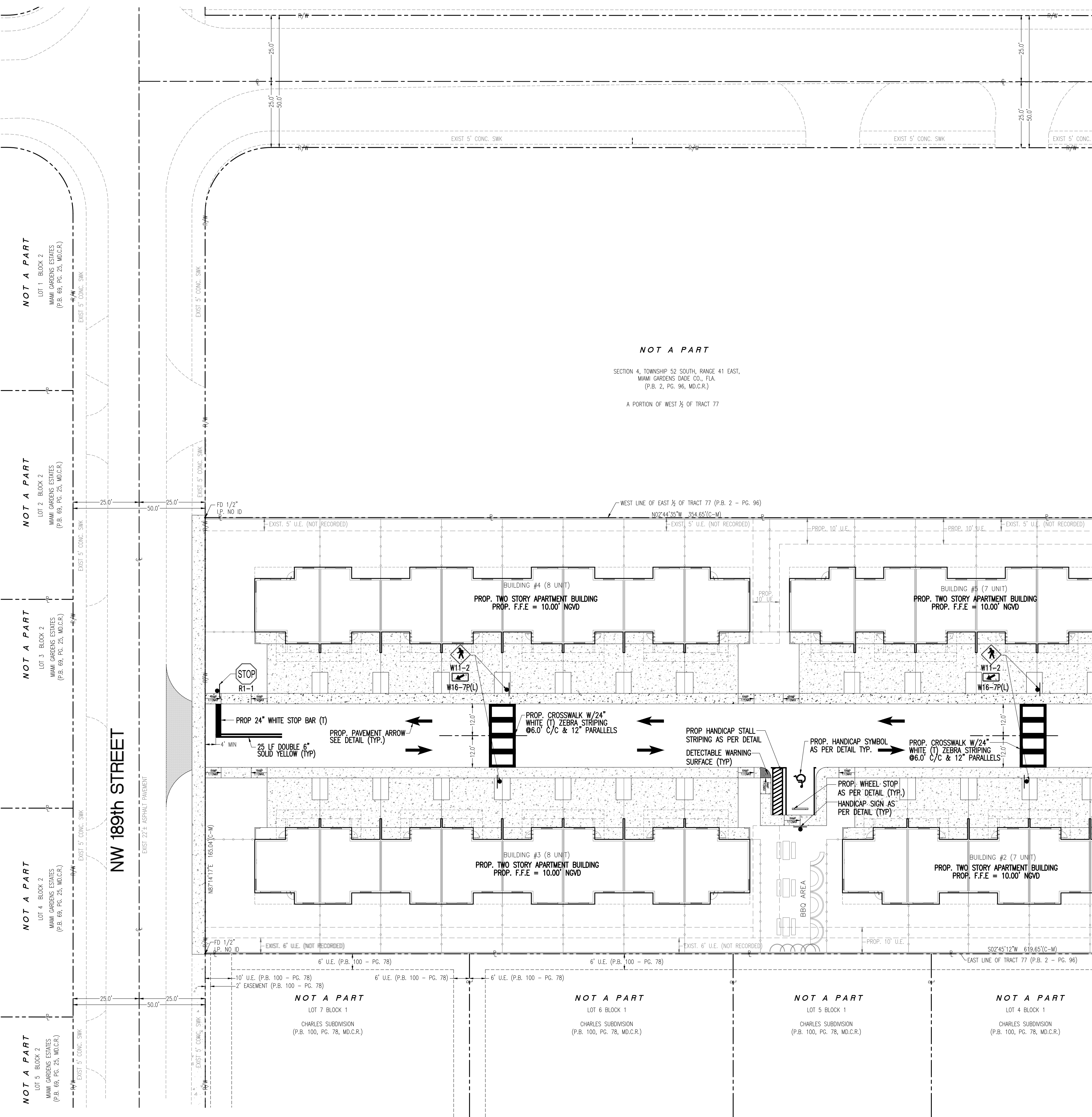


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ON-SITE PLANS SHOWN FOR REFERENCE

SCALE: 1" = 20'



MATCH LINE "A" SEE SHEET R - 2

Sunshine811
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CARLAB, INC.

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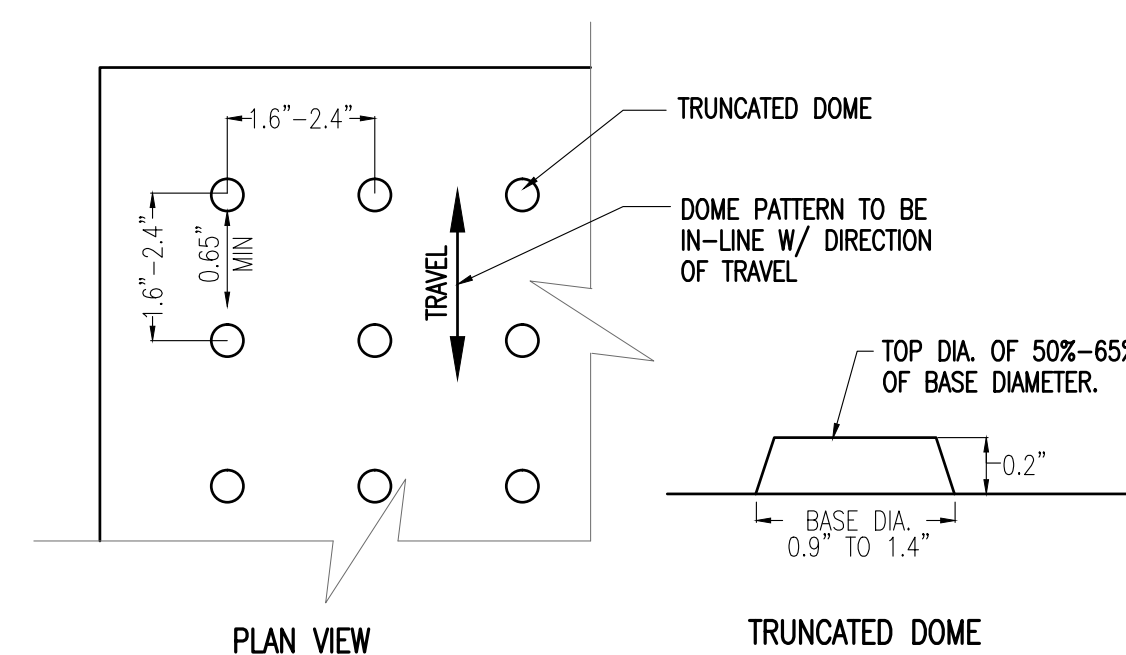
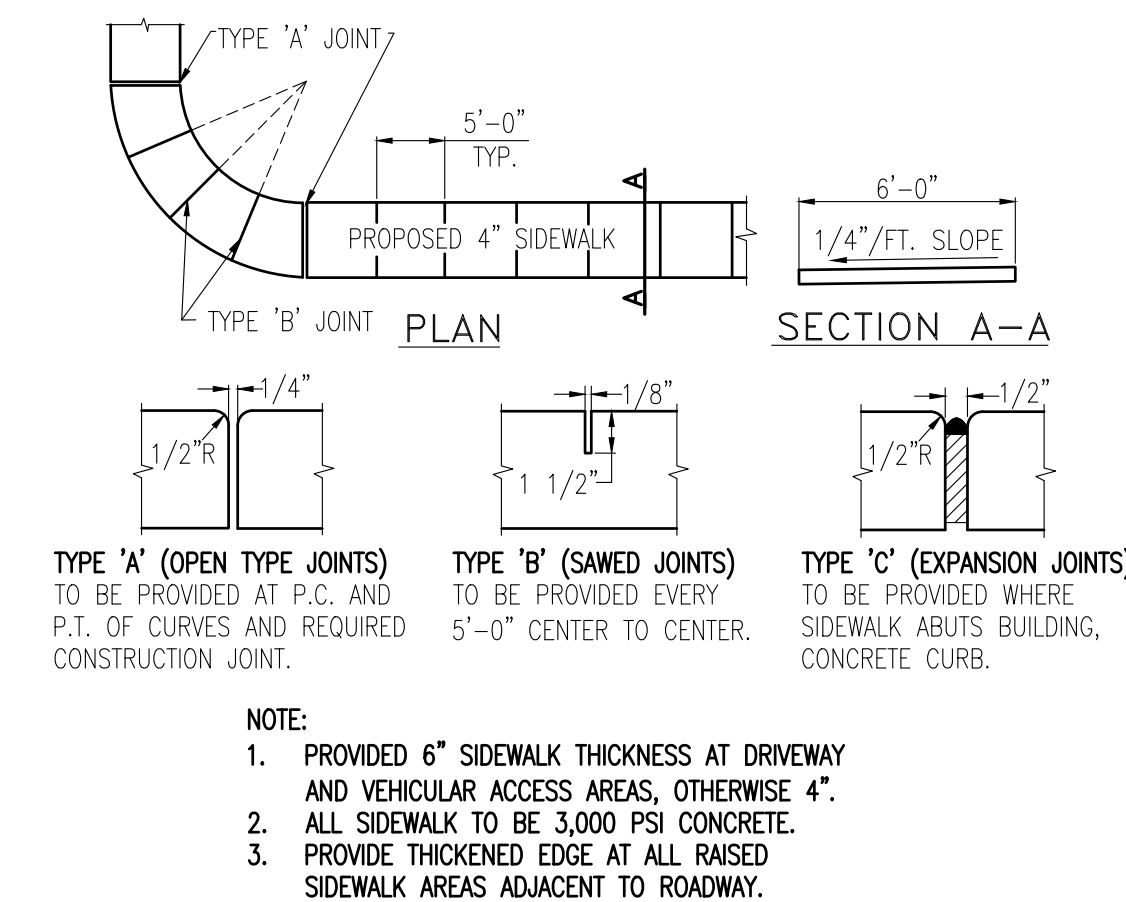
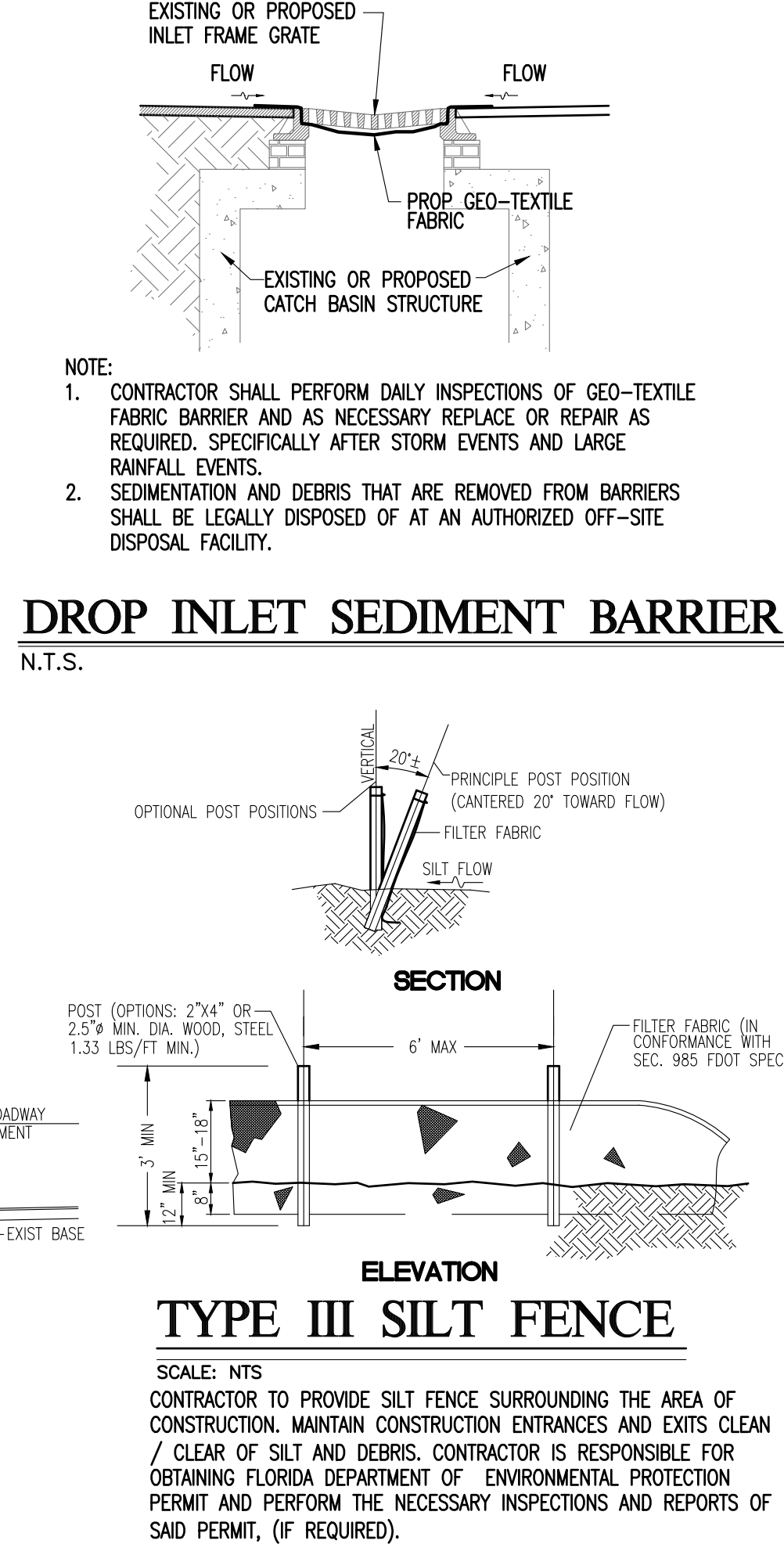
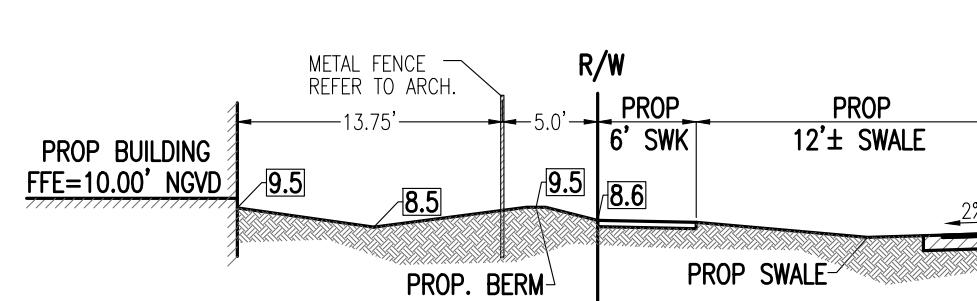
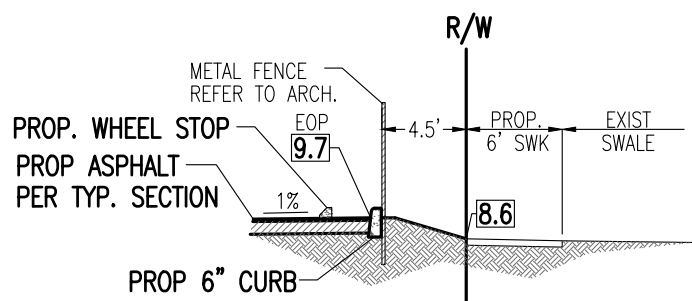
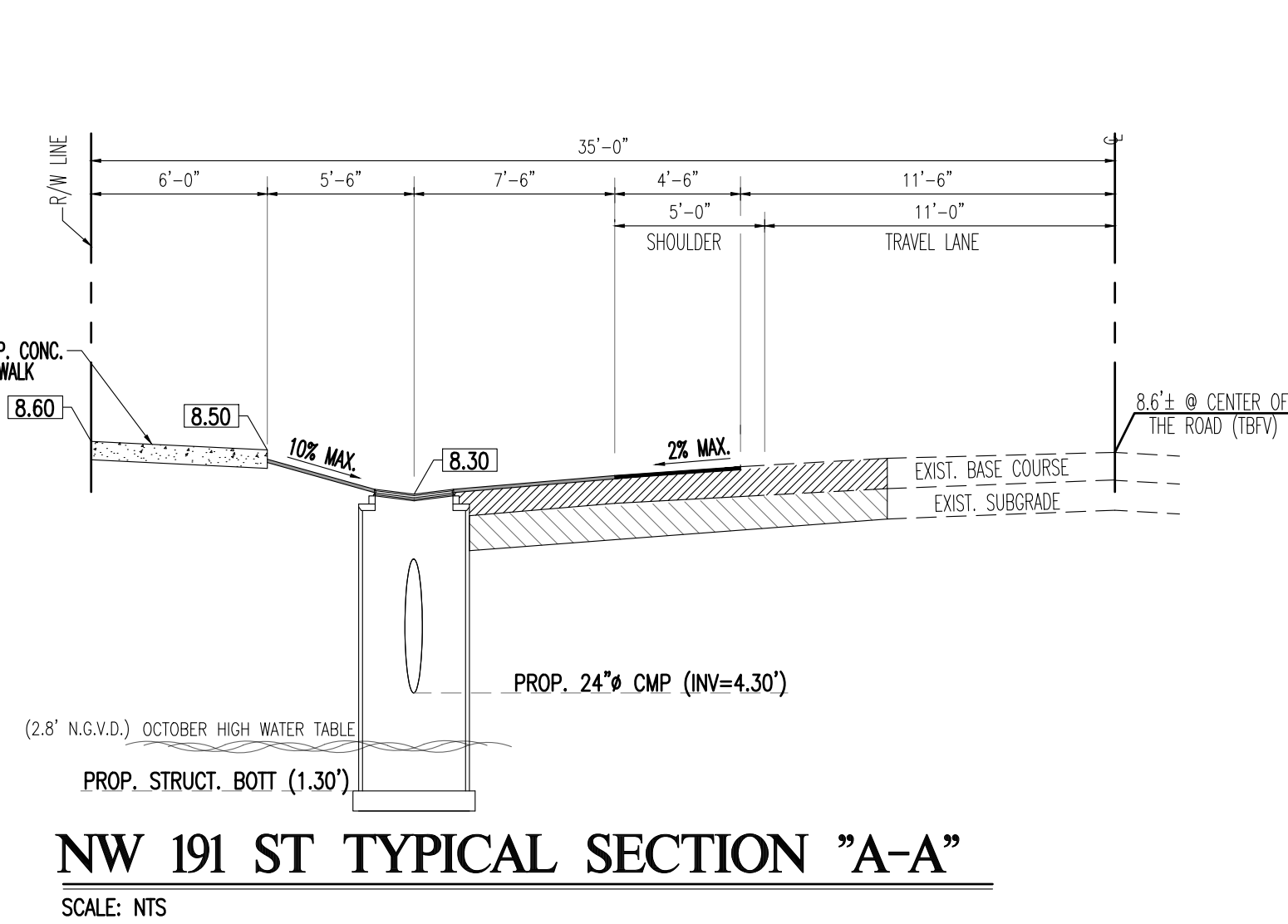
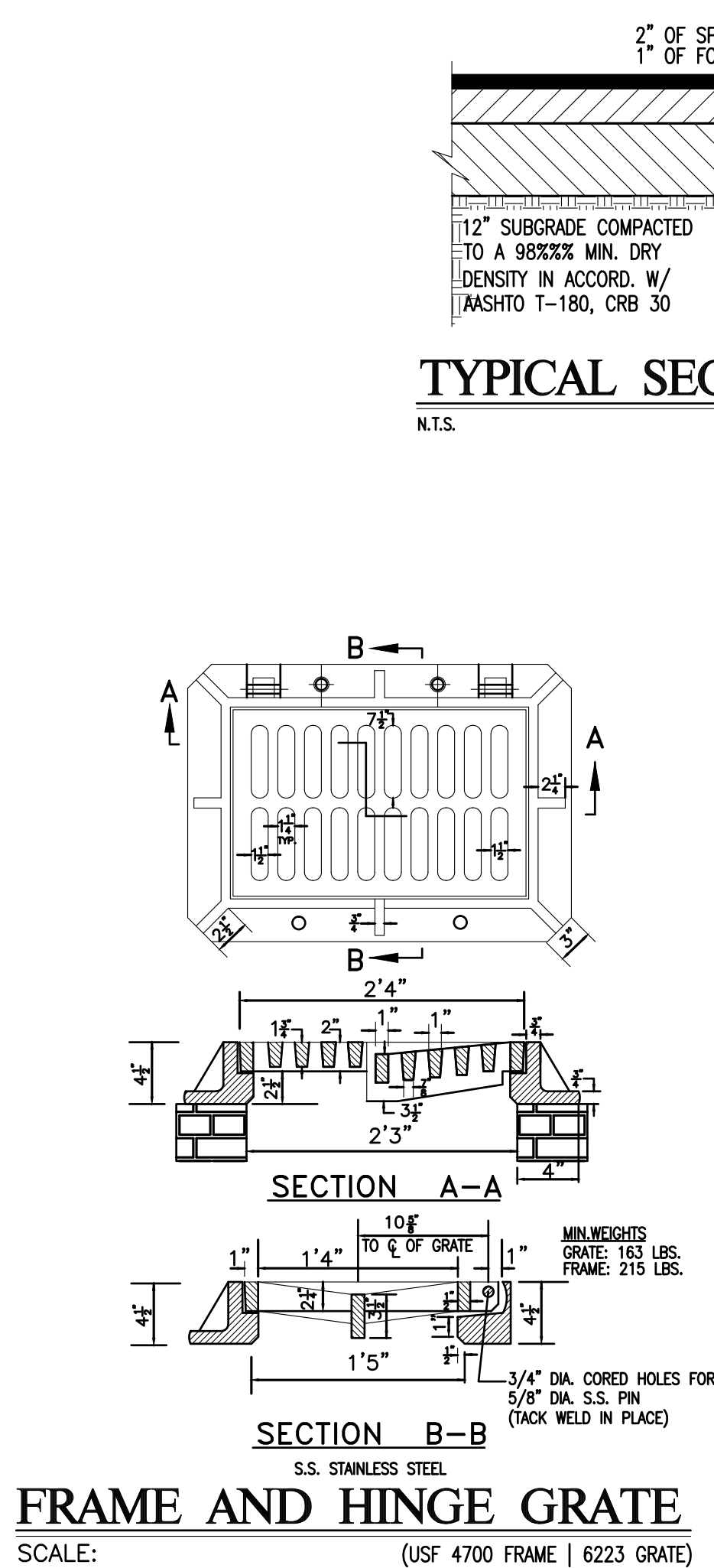
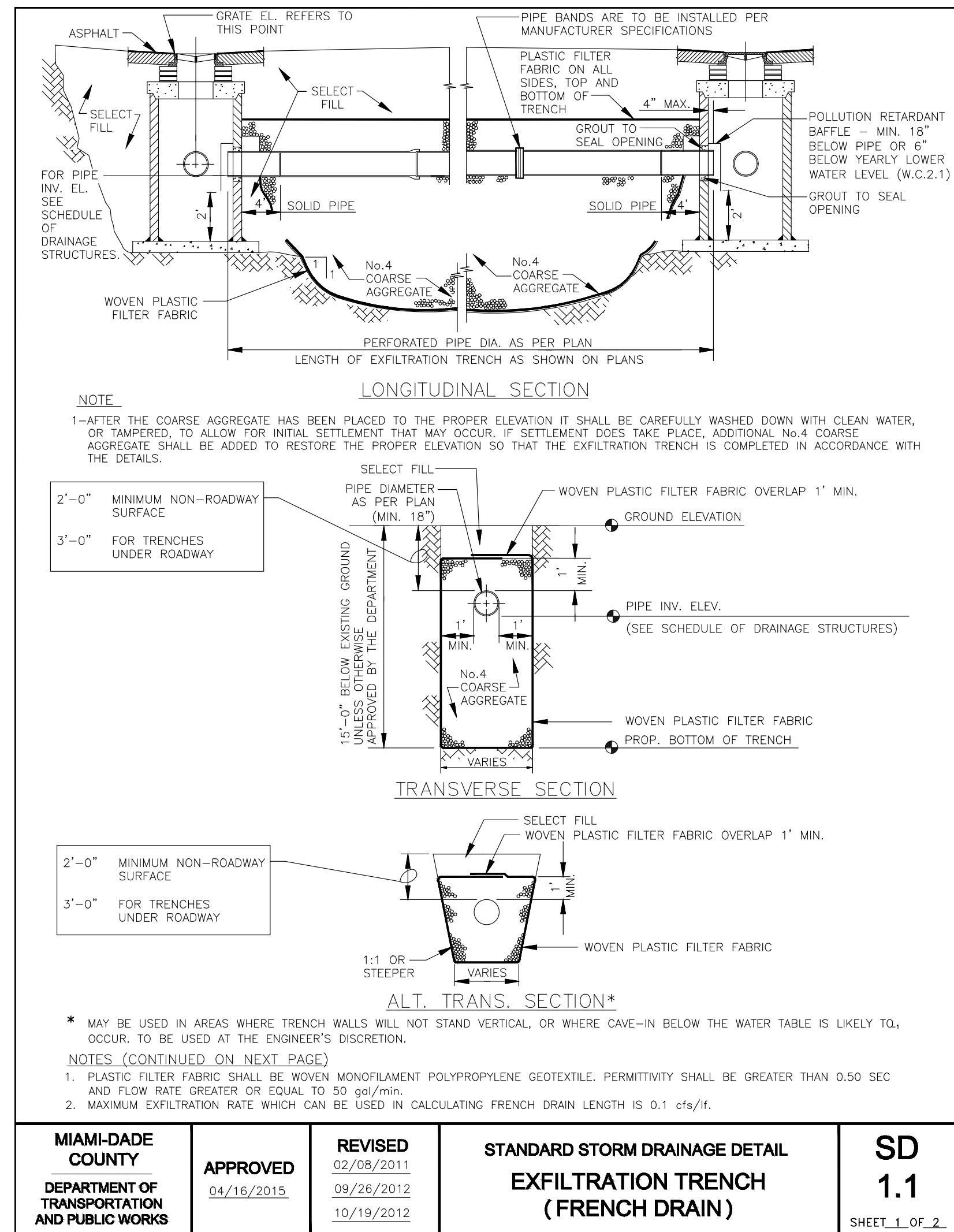
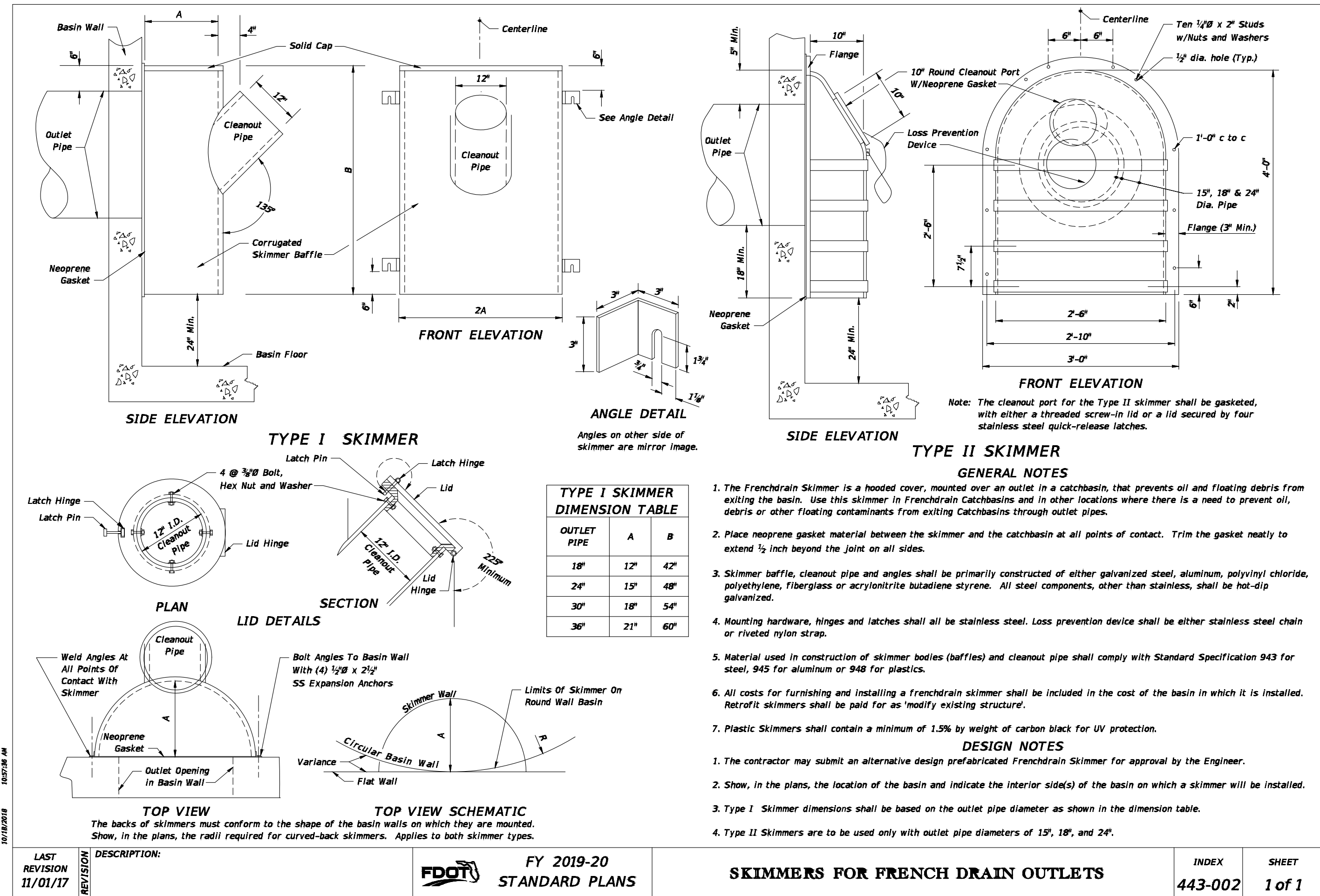
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Project No.	18-1554

Drawing No.
R - 3

CIVIL DETAILS AND NOTES



- DETECTABLE WARNINGS TO BE POURED IN PLACE.
- DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A NOMINAL DIAMETER OF 0.9" (23mm) MINIMUM TO 1.4" (36mm) MAXIMUM AT THE BASE, A TOP DIAMETER OF 50% TO 65% OF THE BASE DIAMETER, A NOMINAL HEIGHT OF 0.2" (5.1mm) AND ON CENTER SPACING OF 1.6" TO 2.4" (41mm TO 61mm).
- DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP (EXCLUSIVE OF FLARED SIDES) AND SHALL EXTEND EITHER THE FULL DEPTH OF THE CURB RAMP OR A MINIMUM OF 24" AS MEASURED FROM THE BACK OF THE CURB.
- DETECTABLE WARNING ARE NOT TO BE INSTALLED ON TRANSITION SLOPES
- DETECTABLE WARNING SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT

DETECTABLE WARNING SURFACE

N.T.S.

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R - 4