

PLANS PREPARED FOR

# ARCO/Murray National Construction Company, Inc.

## CONTRACT PLANS

SW ANTHONY F. SANSONE SR. BLVD. EXTENSION  
CITY OF PORT ST. LUCIE

COMPONENTS OF CONTRACT PLANS SET  
\* ROADWAY CONSTRUCTION PLANS

### INDEX OF PLANS

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5	PROJECT LAYOUT
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Florida Department of Transportation, FY2020-21 Standard plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website:  
<http://www.fdot.gov/design/Standardplans.shtm>

APPLICABLE IRs: IR102-600, IR455-003, IR509-070

Standard Plans for Bridge Construction are included in the Structures Plans Component.

Florida Department of Transportation, July 2020 Standard Specifications for Road and Bridge Construction at the following website:  
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

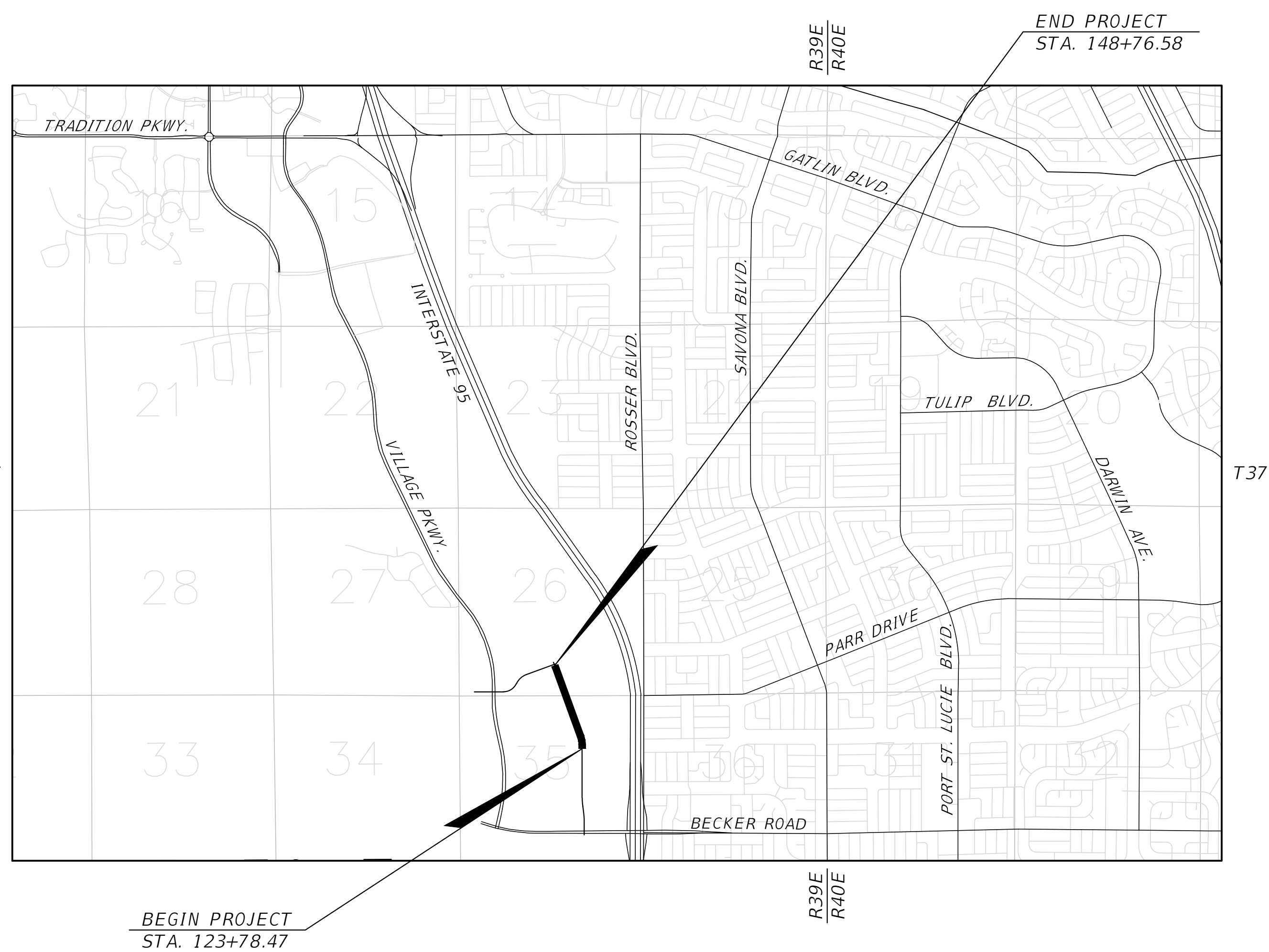
### Environmental Statement:

This site was included in the overall Southern Grove DRI and environmental items were addressed as part of that development review process. The project site is currently vacant. According to the environmental summary assessment from October 2020, there are no environmentally sensitive lands or regulated wetlands on site. No wildlife, or evidence of wildlife, including that from the list of state and federally protected species, rare, threatened, endangered, or species of special concern was observed on the property. No portions of the property appear to be environmentally sensitive.

Description	Found (Yes/No)	Agency Contact Information	Management Plan (Yes/No)	Relocation Plan (Yes/No)
Wetlands	Yes		*Yes	*Yes
Rare Habitat	No			
Threatened Species	Yes		No	No
Endangered Species	No			
Species of Special Concern	No			
Invasive /Exotic Vegetation	Yes		N/A	N/A

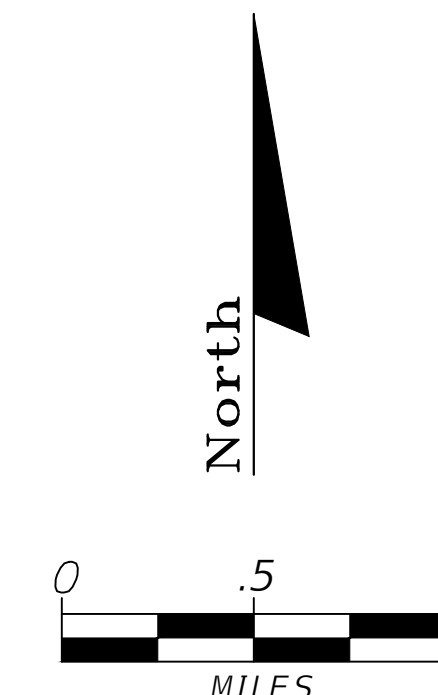
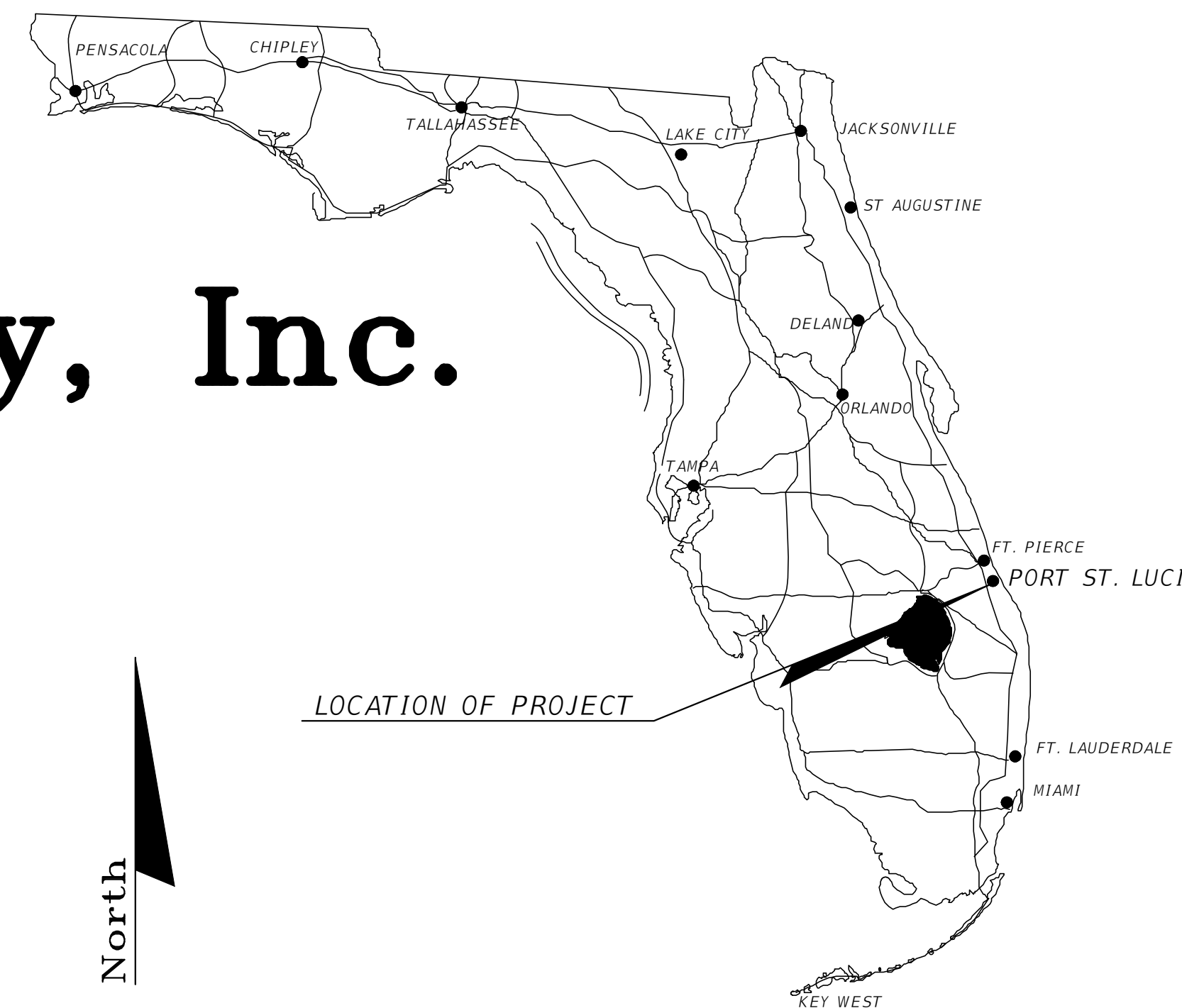
\*See existing permits: SFWMD 56-01544-P, 56-0279-P, and 56-02531-P / USACE SAJ-

REVISIONS



LENGTH OF PROJECT		
	LIN. FT.	MILES
UTILITY	0 LF	0.000
ROADWAY	2,498.11 LF	0.473
BRIDGES	0 LF	0.000
EXCEPTIONS		
GROSS LENGTH OF PROJ.	2,498.11 LF	0.473

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION



CONSTRUCTION SHOP DRAWINGS TO BE SUBMITTED TO:

STEFAN K. MATTHES, PE  
CULPEPPER & TERPENING, INC.  
2980 SOUTH 25TH STREET  
FORT PIERCE, FLORIDA 34981

PLANS PREPARED BY:



NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

60% CONSTRUCTION PLANS  
APRIL 2, 2021

ROADWAY PLANS  
ENGINEER OF RECORD: STEFAN K. MATTHES, P.E.  
P.E. NO. : 38723

PSLUSD PROJECT NO. 5360C  
CITY OF PSL PROJECT NO. P21-059

C&T JOB NO.: 21-020

FISCAL YEAR	SHEET NO.
21	1

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
101-1A	MOBILIZATION/GENERAL CONDITIONS/BONDS	LS	1
101-1B	CONSTRUCTION STAKEOUT & AS-BUILT SURVEY	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIER	LF	5,100
104-11	FLOATING TURBIDITY BARRIER	LF	100
104-15	SOIL TRACKING PREVENTION DEVICE	EA	1
104-18	INLET PROTECTION SYSTEM	EA	2
110-1	CLEARING & GRUBBING	AC	999
120-1	REGULAR EXCAVATION	CY	2,000
120-3	LATERAL DTCH EXCAVATION	CY	25,000
120-6A	EMBANKMENT	CY	42,000
160-4	TYPE B STABILIZATION (12" THICK)	SY	12,780
285-710	OPTIONAL BASE, BASE GROUP 09 (LBR 100)(10" THICK)	SY	10,280
334-1-13	SUPERPAVE ASPHALTIC CONC. TRAFFIC C (SP-12.5) (3" THICK)	TON	1,650
337-7-82	SUPERPAVE ASPHALTIC CONC. TRAFFIC C (PC-9.5) (1.5" THICK)	TON	825
425-1-561	INLETS, DTCH BOTTOM, TYPE E, < 10'	EA	4
430-174-218	PIPE CULVERT, OPTIONAL, ELLIPTICAL, 14" x 23"	LF	342
430-174-224	PIPE CULVERT, OPTIONAL, ELLIPTICAL, 19" x 30"	LF	120
430-174-130	PIPE CULVERT, OPTIONAL, ROUND, 30"	LF	82
430-982-625	MITERED END SECTION, OPTIONAL, ELLIPTICAL, 14" x 23"	EA	6
430-982-133	MITERED END SECTION, OPTIONAL, ROUND, 30"	EA	2
522-1	CONCRETE SIDEWALK/PADS, 4" THICK	SY	4,445
570-1-1	PERFORMANCE TURF, SEED & MULCH (LATERAL DTCH)	SY	15,000
570-1-2	PERFORMANCE TURF, SOD	SY	15,000
590-70	LANDSCAPE COMPLETE - STREET TREES	EA	122
590-80	IRRIGATION SYSTEM	LS	1
700-1-11	SINGLE POST SIGN, F&I GM, < 12 SF	EA	10
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	EA	122
711-11-121	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	LF	5,000
711-11-221	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	4,900
715-2-115	2" CONDUIT (F&I) (UNDERGRD, PVC SCHEDULE 40)	LF	10,000
633-1123	FIBER OPTIC CABLE (96 STRAND)	LF	2,500
635-2-11	PULL & SPLICE BOX (F&I) 13" x 24" COVER	EA	4
1050-31208B	UTILITY PIPE,PVC, F&I, 8" GRAVITY MAIN	LF	1930
1050-31212	UTILITY PIPE,PVC, F&I, 12" WATER MAIN	LF	2,500
1080-24112	UTILITY FIXTURE - VALVE ASSEMBLY, F&I, 12" WM	EA	5
1080-24113	UTILITY FIXTURE - WATER MAIN JUMPER	EA	1
1080-32102	UTILITY FIXTURE - SAMPLE POINT	EA	3
1644-112-06	FIRE HYDRANT ASSEMBLY w/ VALVE & FITTINGS	EA	5
2000-1	UTILITY FIXTURE - FITTINGS	TON	1
2000-2	SANITARY MANHOLE	EA	6
2000-3	6" SANITARY SERVICE W/CLEANOUT	EA	4

**GENERAL NOTES**

- BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).
- ALL DRAINAGE INFRASTRUCTURE IS TO REMAIN UNLESS OTHERWISE NOTED.
- ALL GRADES SHOWN ARE FINISHED GRADES, UNLESS OTHERWISE NOTED.
- STATIONING AND OFFSETS REFER TO THE BASELINE OF CONSTRUCTION, UNLESS OTHERWISE NOTED.
- EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE CITY SURVEYOR RICK COMPITELLO, WITHOUT DELAY, BY TELEPHONE (772) 871-5280.
- NO CONSTRUCTION SHALL COMMENCE UNTIL ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN SECURED AND THE CONTRACTOR IS ISSUED A "NOTICE TO PROCEED".
- DURING CONSTRUCTION, SHOULD ANY DRAINAGE STRUCTURES (INCLUDING PIPES) BE FOUND THAT ARE NOT SHOWN ON THE PLANS, NOTIFY THE ENGINEER IMMEDIATELY.
- IN REFERENCE TO EXISTING UTILITIES AND UTILITY ADJUSTMENTS:
  - THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" UTILITIES (NOT SHOWN ON THE PLANS) EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS, THE CONTRACTOR SHALL INFORM THE ENGINEER AND NOTIFY THE RESPECTIVE UTILITY OWNER(S) TO RESOLVE UTILITY CONFLICTS AND UTILITY ADJUSTMENTS AS REQUIRED.
  - FOR EXISTING UTILITY SYMBOLS, SEE FDOT STANDARD INDEX 002.
  - WATER AND SANITARY SEWER UTILITY WORK SHALL BE IN CONFORMANCE WITH ALL CODES, STANDARDS, AND ORDINANCES CURRENTLY ADOPTED BY THE STATE OF FLORIDA D.E.P. AND PORT ST. LUCIE UTILITY SYSTEMS DEPARTMENT (PSLUSD).
- CONTRACTOR SHALL USE EXTREME CAUTION AND COMPLY WITH ALL APPLICABLE OSHA REGULATIONS WHEN WORKING IN THE VICINITY OF OVERHEAD AND UNDERGROUND UTILITY LINES.
- THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (1-800-432-4770) AND UTILITY OWNERS LISTED BELOW IN TWO BUSINESS DAYS (OR 10 DAYS IF ON THE JOB SITE)
 

COMPANY	CONTACT	TEL. NO.
AT&T	IVAN ARILL	(772) 460-4441
COMCAST CABLE	RICK JOHNSON	(561) 402-4513
FLORIDA POWER & LIGHT, CO.	DIANA VILLEGAS	(772) 337-7011
PSLUSD	LANEY SOUTHERLY, P.E.	(772) 807-4452
CITY OF PSL TRAFFIC OPS	PAUL JOHNSON	(772) 871-5182
- (NOTE: IF THERE IS A TRAFFIC MONITORING SITE ON THE PROJECT OR WITHIN ONE MILE OF THE CONSTRUCTION, THE TRANSPORTATION STATISTICS OFFICE IN TALLAHASSEE SHALL BE ADDED TO THE LIST OF UTILITY OWNERS.)
- WHEN UTILITY POLES ARE IN AREAS OF EXCAVATIONS, CONTRACTOR SHALL MAINTAIN A MINIMUM SEPARATION OF FIVE (5) FEET BETWEEN THE POLE AND ANY EXCAVATION.
- ALL SYNTHETIC BALES AND SILT FENCE SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT AND WHEN APPROVED BY THE NPDES INSPECTOR.
- IF DEWATERING PERMIT IS REQUIRED FOR THIS PROJECT, THE CONTRACTOR WILL BE REQUIRED TO OBTAIN A DEWATERING PERMIT OR WATER USE PERMIT AND ALLOW TIME FOR THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT AND/OR FDEP TO REVIEW AND APPROVE THE PERMIT PRIOR TO THE CONSTRUCTION START DATE. IF DEWATERING PUMPS ARE REQUIRED TO RUN OVERNIGHT THE CONTRACTOR IS REQUIRED TO OBTAIN A NOISE PERMIT PER CITY CODE SECTION 94.07.
- WORK HOURS ARE FROM 7:00 AM TO DUSK, MONDAY-FRIDAY. WORK WILL NOT BE ALLOWED ON WEEKENDS OR HOLIDAYS OBSERVED BY THE CITY OF PORT ST. LUCIE UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE CITY. THE CONTRACTOR MUST RECEIVE WRITTEN PERMISSION FROM THE CITY AND PROVIDE AN APPROVED MOT PLAN BEFORE ANY LANE CLOSURES OCCUR.
- THE MAXIMUM CROSS SLOPES ON ALL SIDEWALKS IS 2%. ALL TRANSITIONS BETWEEN PROPOSED SIDEWALKS AND EXISTING SIDEWALKS SHALL BE SMOOTH AND LEVEL. DURING CONSTRUCTION ALL EXISTING PEDESTRIAN AND VEHICULAR PATHS MUST REMAIN USABLE AND ACCESSIBLE, OR ALTERNATE PATHS MUST BE PROVIDED.
- THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT, AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF CONSTRUCTION.
- EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION, AND WATER POLLUTION. THESE ITEMS ARE TO BE USED AT THE LOCATIONS DESCRIBED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLANS OR AS DIRECTED BY THE PROJECT ENGINEER TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- THE SIDEWALK MUST BE FREE OF OVERHEAD OBSTRUCTIONS PER SECTION 4.4.2 OF THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG). CONTRACTOR SHALL ASSURE THAT NO OBSTRUCTION (UTILITY POLE, EQUIPMENT, SIGN, STRUCTURE, TREE, GRATE, ETC.) RESTRICTS ACCESS ALONG SIDEWALK TO A PATH LESS THAN 48".
- THE CONTRACTOR SHALL COORDINATE SELECTION AND REVIEW OF ANY PROPOSED STAGING AREAS ASSOCIATED WITH THIS PROJECT WITH THE PROJECT ENGINEER.
- EXISTING LANDSCAPE IMPROVEMENT THAT ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS ARE TO BE RELOCATED PER THE DIRECTION OF THE ENGINEER OF RECORD.
- LANE CLOSURES ALONG BECKER ROAD OR VILLAGE PARKWAY SHALL BE COORDINATED WITH THE CITY OF PORT ST. LUCIE.

- GENERAL GRADING GUIDELINES FOR SWALE AND SODDED AREAS:
  - DRAINAGE FLOW SYMBOLS SHOWN ON THE PLAN SHEETS ARE INTENDED TO PROVIDE GENERAL DIRECTION WITH RESPECT TO THE INTENDED FLOW OF THE SODDED AREAS.
  - CONTRACTOR IS TO GRADE ALL SWALE AND SODDED AREAS WITHIN THE LIMITS OF CONSTRUCTION TO THE RESPECTIVE INLET AS DIRECTED BY THE FLOW ARROWS WHILE MINIMIZING DISTURBANCE TO EXISTING VEGETATION AND PRIVATE PROPERTY.
  - FLOW ARROWS REPRESENT A MINIMUM OF 0.15% SLOPE UNLESS OTHERWISE NOTED ON THE PLANS.
- IN REFERENCE TO THE PROPOSED DRAINAGE STRUCTURES & PIPE:
  - CONCRETE PIPE CULVERT (R.C.P.) SHALL BE CLASS II, WALL B UNLESS OTHERWISE NOTED.
  - ALL STORM STRUCTURE TOPS SHALL BE ADJUSTED AT TIME OF FINAL PAVEMENT OF CURB CONSTRUCTION. FINAL ADJUSTMENT OF ALL TOPS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
  - THE LENGTHS OF PIPE SHOWN HEREON HAVE BEEN DETERMINED BY CALCULATING THE DISTANCE BETWEEN THE "CENTERLINE" OF THE INLETS AND/OR MANHOLES.
  - OFFSETS TO CURB INLETS ARE TO THE "CENTERLINE" OF THE INLETS.
- EXCAVATED SOILS MAY BE USED FOR EMBANKMENT CONSTRUCTION PROVIDED THAT THE MATERIAL IS CLEAN FILL, FREE OF ORGANIC MATERIALS, ROOTS OR OTHER DELETERIOUS MATERIALS, AND CONFORMS WITH FOOT SPECIFICATIONS AND FDOT STANDARD INDEX 505 AND IS APPROVED BY THE CITY CONSTRUCTION ENGINEER.
- ANY BORROW MATERIAL REQUIRED FOR THE PROJECT SHALL BE FURNISHED BY THE CONTRACTOR FROM AREAS PROVIDED BY HIM, AND THE COST OF FURNISHING SUCH MATERIAL SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR EARTHWORK AND GRADING.
- ALL MUCK AND PLASTIC MATERIAL WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH FDOT INDEX 500.
- ALL VEGETATION, DEBRIS, PAVEMENT, CONCRETE OR OTHER UNSUITABLE MATERIALS SHALL BE LEGALLY DISPOSED OF OFF-SITE IN AN AREA PROVIDED BY THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLAN DIMENSIONS AND SITE CONDITIONS, AND IS TO NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES BETWEEN SITE CONDITION AND INFORMATION SHOWN ON PLANS PRIOR TO COMMENCEMENT OF WORK.
- ANY KNOWN OR SUSPECT HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECT HAZARDOUS MATERIAL FROM FURTHER ACCESS. THE PROJECT ENGINEER IS TO NOTIFY THE PROPER REGULATORY AUTHORITY OF THE DISCOVERY. THE PROPER REGULATORY AUTHORITY WILL ADVISE/DIRECT THE PROJECT ENGINEER IN THE INVESTIGATION, IDENTIFICATION AND/OR REMOVAL/REMEDIATION OF THE MATERIAL IN QUESTION AS NEEDED. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF SUSPECTED CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT ENGINEER. THE REGULATORY AUTHORITY WILL ADVISE THE PROJECT ENGINEER IN THESE MATTERS.
- THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE PROJECT ENGINEER. THE CONTRACTOR SHALL PROVIDE A COPY OF THE REQUEST TO THE PROJECT ENGINEER. THE CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE, AND PROVIDE A DESCRIPTION OF THE SPECIFIC MANNER IN WHICH THE MATERIAL WILL BE USED. THE PROJECT ENGINEER SHALL COORDINATE WITH THE PROJECT ENGINEER PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AS HAZARDOUS MATERIALS, SUCH PRODUCTS DO NOT REQUIRE AN MSDS SUBMITTAL. ALL BULK PETROLEUM PRODUCTS STORED ON SITE SHALL REQUIRE PROPER STORAGE WHICH INCLUDES SECONDARY CONTAINMENT
- ALL AREAS DESIGNATED FOR PAVEMENT REMOVAL SHALL BE SAW-CUT AT THE LIMITS OF REMOVAL ADJACENT TO EXISTING PAVEMENT WHICH IS TO REMAIN.
- ALL WORK ASSOCIATED WITH THIS PROJECT IS TO BE PERFORMED WITHIN THE RIGHT-OF-WAY LIMITS OR TEMPORARY CONSTRUCTION EASEMENTS AS DEPICTED ON THE PLAN SHEETS.
- ALL ADA WARNING SURFACES ARE TO BE CAST IN PLACE.
- ALL CONCRETE SIDEWALK JOINTS SHALL BE TOOLED WITHOUT EXPANSION JOINTS.

PSLUSD PROJECT NO. 5360C  
CITY OF PSL PROJECT NO. P21-059

STEFAN K. MATTHEWS, P.E.  
FL. REG. NO. 38723

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**NOTES:**  
1) ALL ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988.

COMPUTER FILE REF.	FIELD BK./PG.

**CULPEPPER & TERPENING INC**  
2980 SOUTH 25th STREET • FORT PIERCE, FLORIDA 34981  
PHONE 772-464-3537 • FAX 772-466-9497 • www.ct-eng.com  
STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

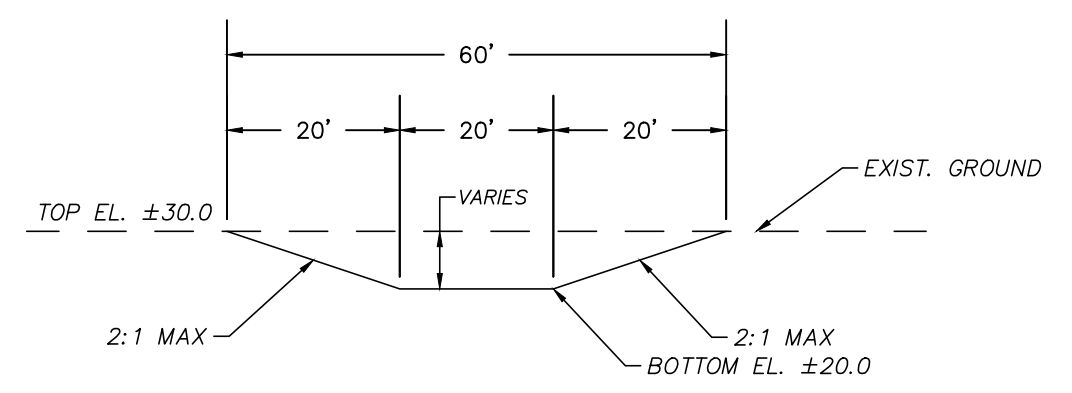
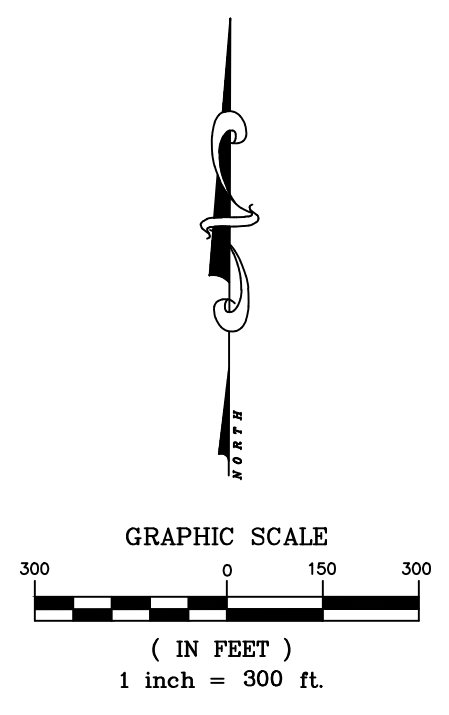
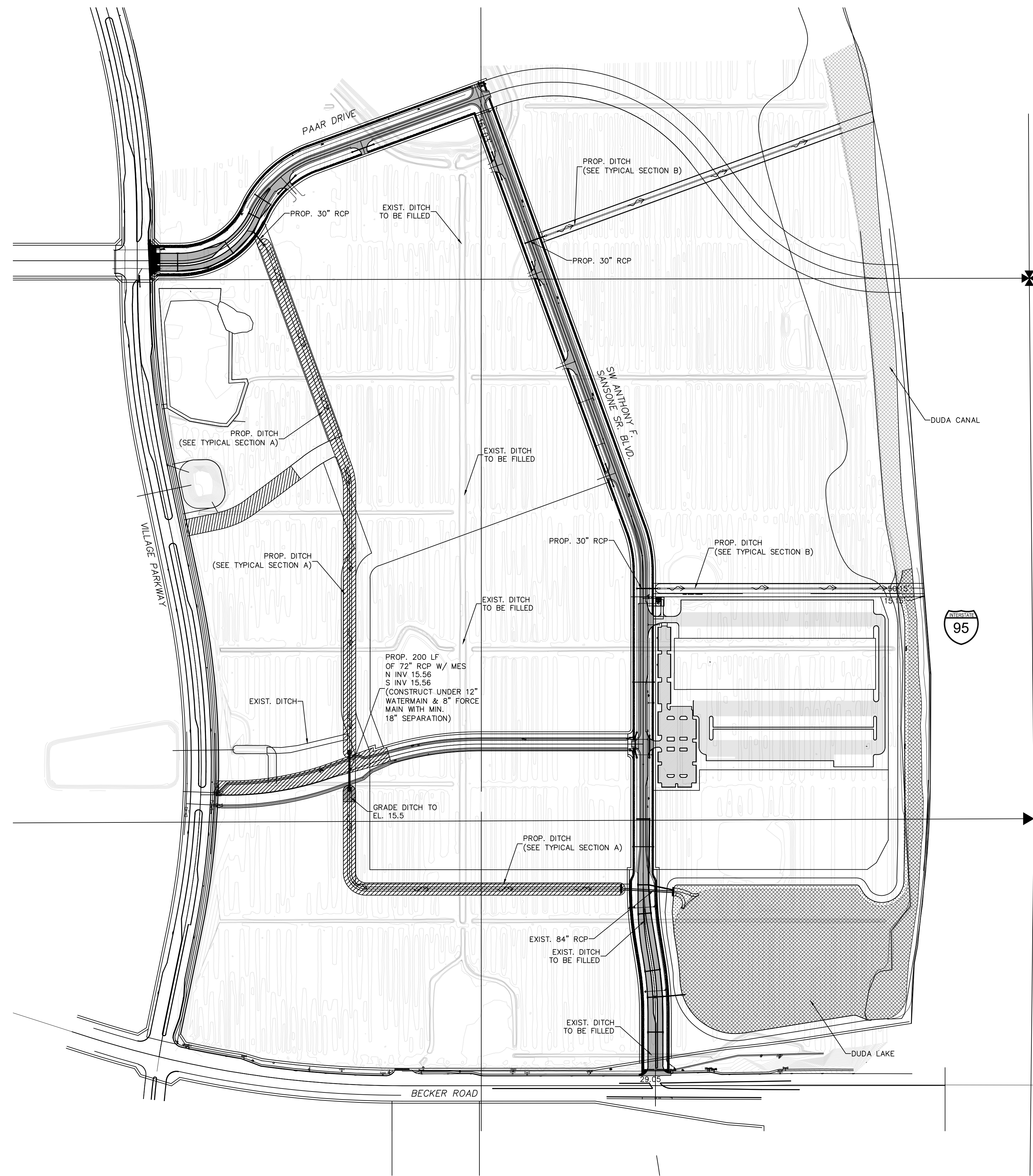
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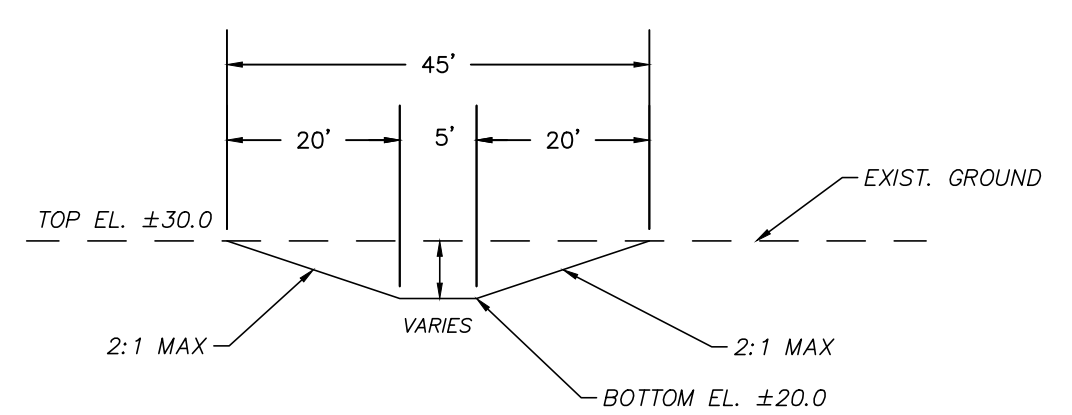
**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**

**GENERAL NOTES & SUMMARY OF PAY ITEMS**

DATE: 04/02/2021  
HORIZ. SCALE: SCALE  
VERT. SCALE: SCALE  
JOB No. 21-020  
SHEET 2 of 14



PROPOSED DITCH TYPICAL SECTION A



PROPOSED DITCH TYPICAL SECTION B

PROP. 200 LF OF 72" RCP W/ MES N INV 15.56 S INV 15.56 (CONSTRUCT UNDER 12" WATERMAIN & 6" FORCE MAIN WITH MIN. 18" SEPARATION)

STEFAN K. MATTHEWS, P.E. FL. REG. NO. 38723



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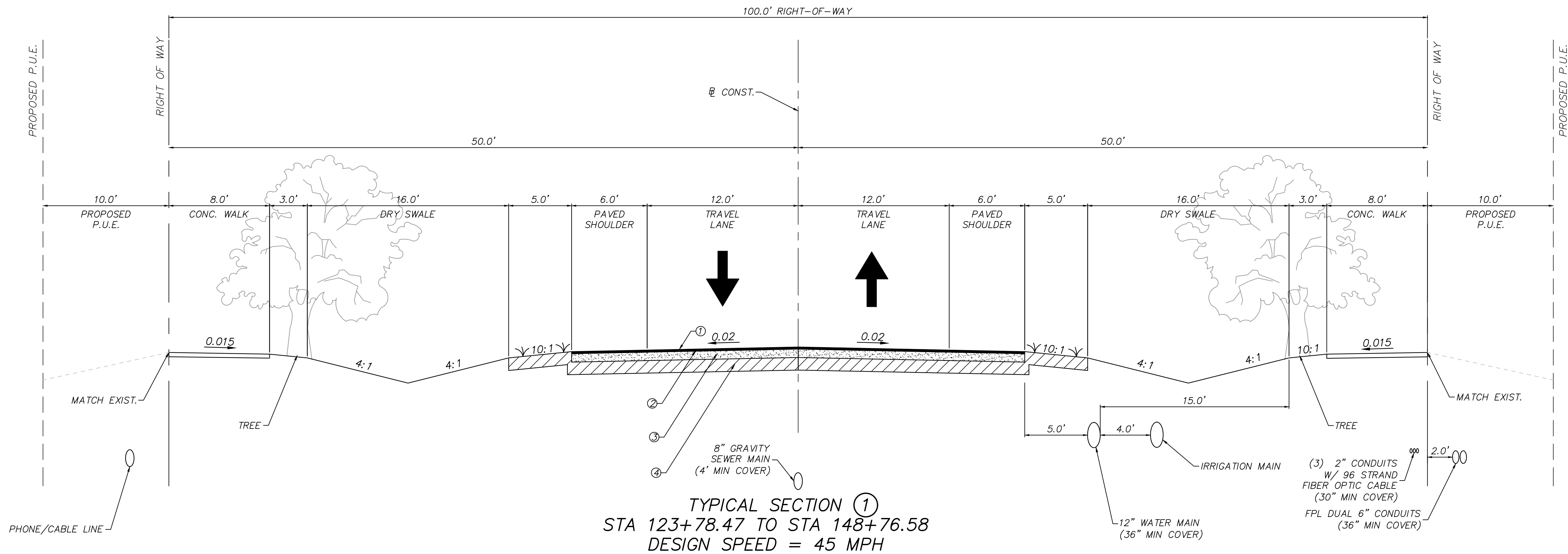
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- REVISIONS -		BY	DATE

	BY	DATE
DESIGNED		
CALCS.		
DRAWN	DRP	03/10/21
DETAILED		
CHECKED		
APPROVED		

SW PAAR DRIVE  
OFFSITE DRAINAGE PLAN

DATE: 04/02/2021  
 HORIZ. SCALE: SCALE  
 VERT. SCALE: N/A  
 JOB No. 21-020  
 SHEET 3 of 14



TYPICAL SECTION ①  
 STA 123+78.47 TO STA 148+76.58  
 DESIGN SPEED = 45 MPH

**ASPHALT PAVEMENT (SN=4.74)**

- ① TYPE FC-9.5 FRICTION COURSE (TRAFFIC LEVEL C) (1.5") (SN=0.66)
- ② TYPE SP-12.5 STRUCTURAL COURSE (3" THICK) (SN=1.32)
- ③ OPTIONAL BASE GROUP 9 (SN=1.8)
- ④ 12" TYPE 'B' STABILIZATION (SN=0.96)

**NOTES:**

1. SEE PLAN AND/OR CROSS SECTION SHEETS FOR DIMENSIONS, ELEVATIONS AND SLOPES INDICATED AS "VARIES."
2. ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE SODDED USING COMMON BAHIA SOD EXCEPT WHEN MATCHING EXISTING.
3. MAXIMUM SIDEWALK SLOPE IS 2.0%.
4. PROPOSED LANDSCAPE IMPROVEMENTS AND MULTIMODAL PATH SEE PLANS BY LUCIDO & ASSOCIATES.
5. PLACE STREET TREES ON 40' CENTERS.

**TRAFFIC DATA**

CURRENT YEAR	= 2020 AADT = NA
ESTIMATED OPENING YEAR	= 2021 AADT = NA
ESTIMATED DESIGN YEAR	= 2022 AADT = NA
DESIGN SPEED	= 45 MPH

P:\Proj\2021\21-020 Arco - SW Anthony Sansone (Phase 1)\Eng\21-020 Typ Sect.dwg Plotted: 4/2/2021 3:12 PM By: DONNIE FINKERTON

PSLUSD PROJECT NO. 5360C  
 CITY OF PSL PROJECT NO. P21-059

STEFAN K. MATTHEWS, P.E.  
 FL. REG. NO. 38723



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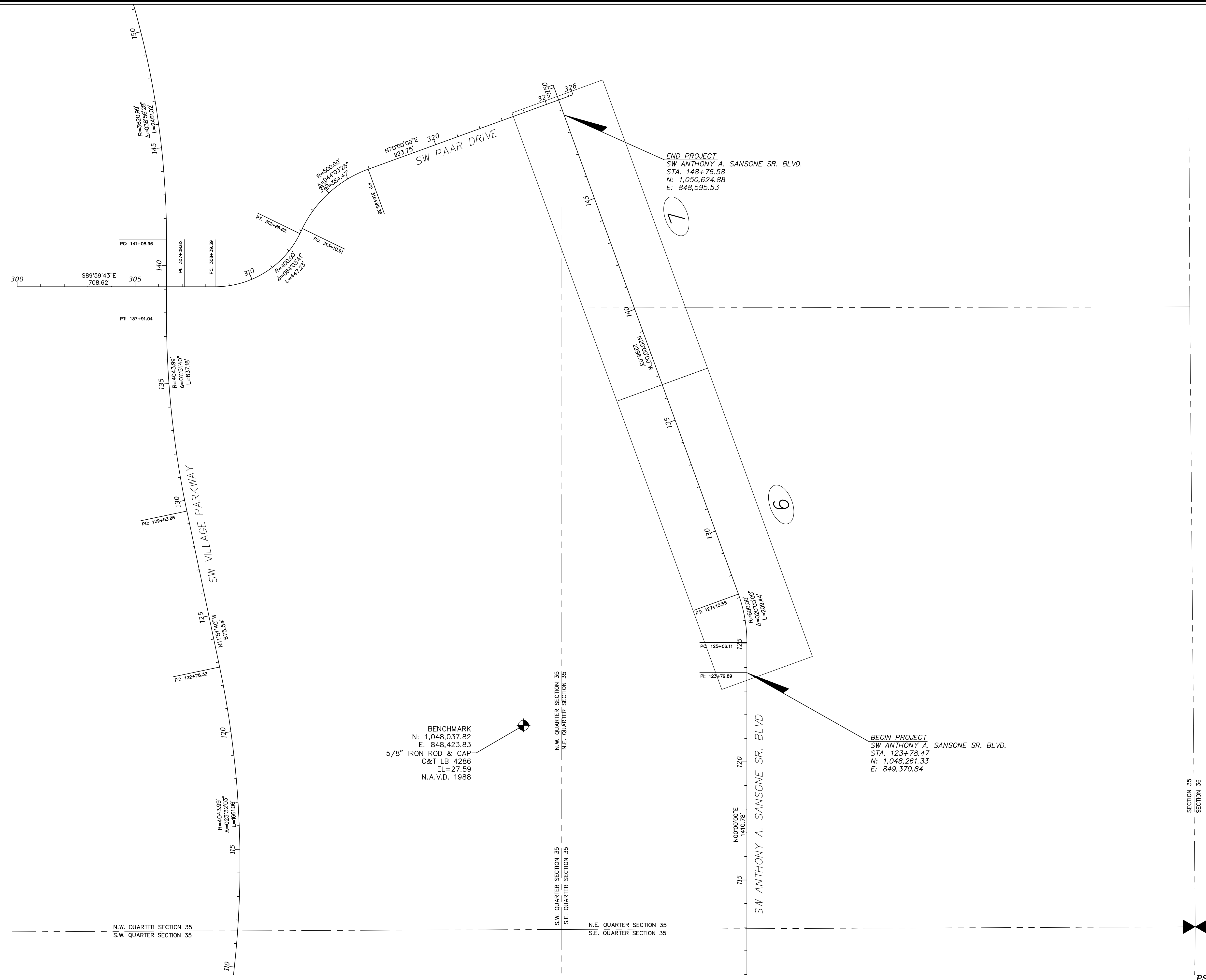
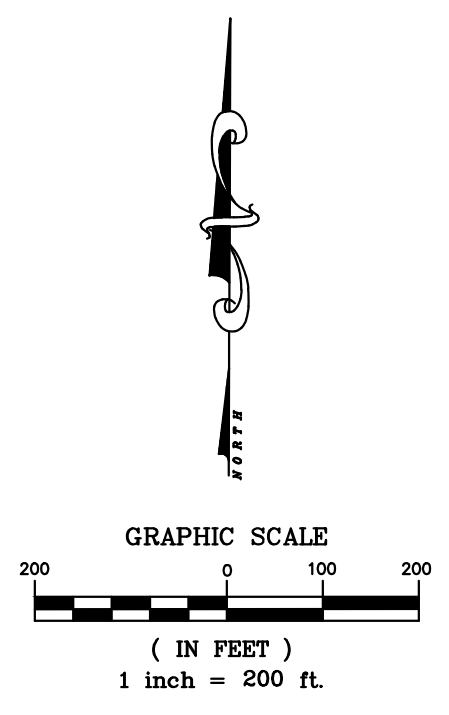
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DESIGNED		
CALCS.		
DRAWN	DRP	03/10/21
DETAILED		
CHECKED		
APPROVED		

**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**  
**TYPICAL SECTIONS**

P:\Proj\2021\21-020 Arco - SW Anthony Sansone (Phase 1)\Eng\21-020 ProjectLayout.dwg Plotted: 4/7/2021 3:12 PM By: DONNIE PINKERTON



BENCHMARK  
 N: 1,048,037.82  
 E: 848,423.83  
 5/8" IRON ROD & CAP  
 C&T LB 4286  
 EL=27.59  
 N.A.V.D. 1988

BEGIN PROJECT  
 SW ANTHONY A. SANSONE SR. BLVD.  
 STA. 123+78.47  
 N: 1,048,261.33  
 E: 849,370.84

END PROJECT  
 SW ANTHONY A. SANSONE SR. BLVD.  
 STA. 148+76.58  
 N: 1,050,624.88  
 E: 848,595.53

LEGEND

	SHEET NO. #
	BENCHMARK

PSLUSD PROJECT NO. 5360C  
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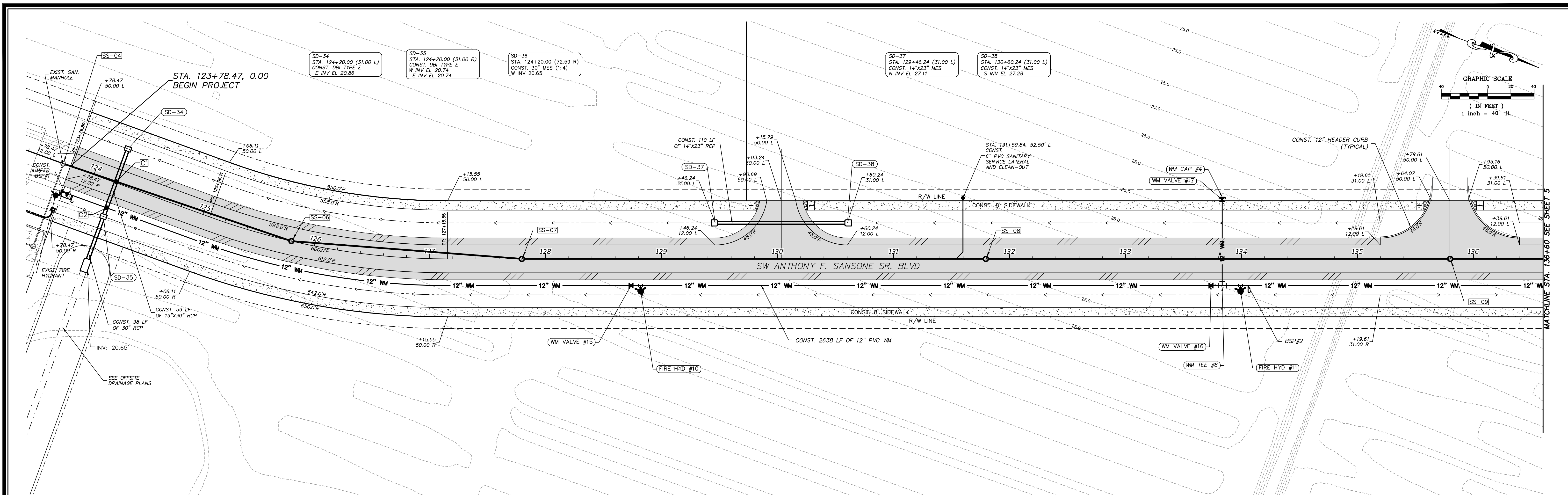
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 STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

- REVISIONS -		
	BY	DATE

	BY	DATE
DESIGNED		
CALCS.		
DRAWN	DRP	03/10/21
CHECKED		
APPROVED		

**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**  
**PROJECT LAYOUT**

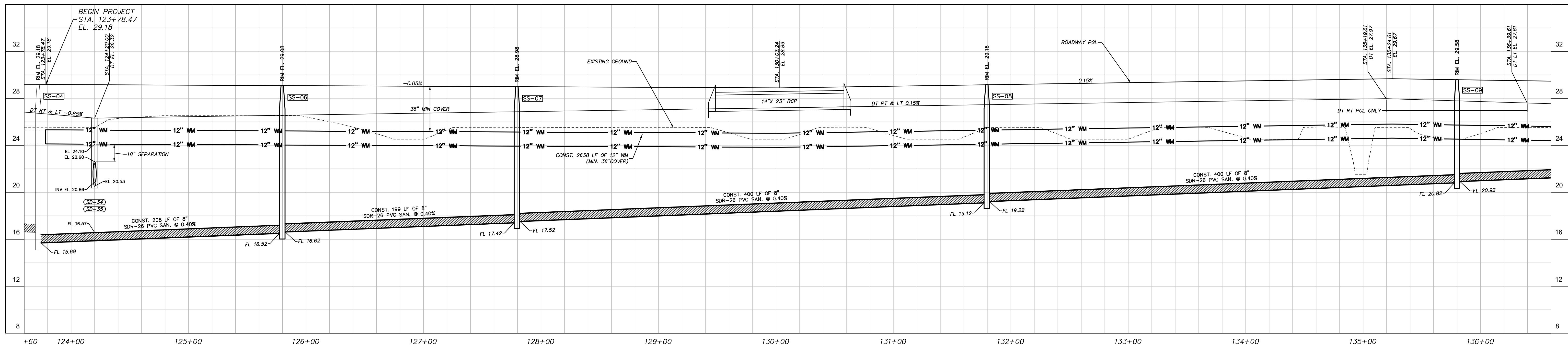
DATE: 04/02/2021  
 HORIZ. SCALE: SCALE  
 VERT. SCALE: SCALE  
 JOB No. 21-020  
 SHEET 5 of 14



FITTING TABLE					
FITTING ID	FITTING TYPE	STATION	OFFSET	TOP OF PIPE	FINISHED GND.
WM CAP #4	8" CAP	133+83.34	-53.21	0.00	
WM TEE #6	12 x 8" TEE	133+83.34	23.00	25.60	

VALVE TABLE					
VALVE ID	VALVE TYPE	STATION	OFFSET	TOP OF PIPE	FINISHED GND.
FIRE HYD #10	HYDRANT ASSEMBLY	128+82.05	28.00	25.08	
FIRE HYD #11	HYDRANT ASSEMBLY	133+99.17	27.85	25.62	
WM VALVE #15	12" RSGV	128+73.67	23.00	25.09	
WM VALVE #16	12" RSGV	133+73.67	23.00	25.58	
WM VALVE #17	8" RSGV	133+83.34	-51.00	0.00	

PIPE CROSSING TABLE						
CROSSING #	TYPE	STATION	CLEARANCE	TOP OF PIPE	BOTTOM OF PIPE	FINISH GRADE
			(INCHES)	(ELEV.)	(TYPE)	(ELEV.)
C-1	19"X30" STORM OVER 8" SAN	124+20.00, 1.00 L	47.52"	16.57	SAN 20.53	STM 29.18
C-2	12" WM OVER 19"X30" STORM	124+20.00, 23.00 R	18.00"	22.60	STM 24.10	WM 28.90



PLUSD PROJECT NO. 5360C  
CITY OF PSL PROJECT NO. P21-059  
STEFAN K. MATTHEWS, P.E.  
FL. REG. NO. 38723



NOTES:  
1) ALL ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988.

COMPUTER FILE REF.	FIELD BK./PG.

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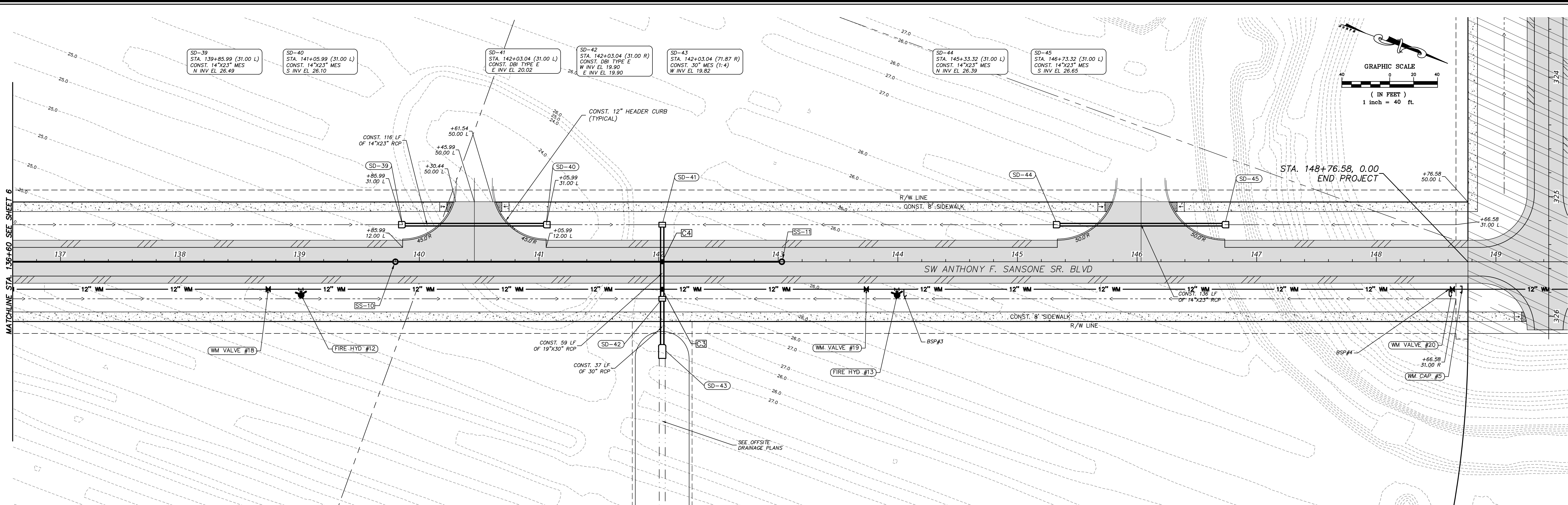
- REVISIONS -		
ADJUSTED SAN & SD-13 & SD-14, REMOVED E-W LEG OF SAN.	BY	DATE
	DRP	02/24/21

	BY	DATE
DESIGNED		
CALCS.		
DRAWN	DRP	03/10/21
DETAILED		
CHECKED		
APPROVED		

**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**  
**ROADWAY PLAN & PROFILE SHEETS**

DATE: 04/02/2021  
HORIZ. SCALE: SCALE  
VERT. SCALE: SCALE  
JOB No. 21-020  
SHEET 6 of 14

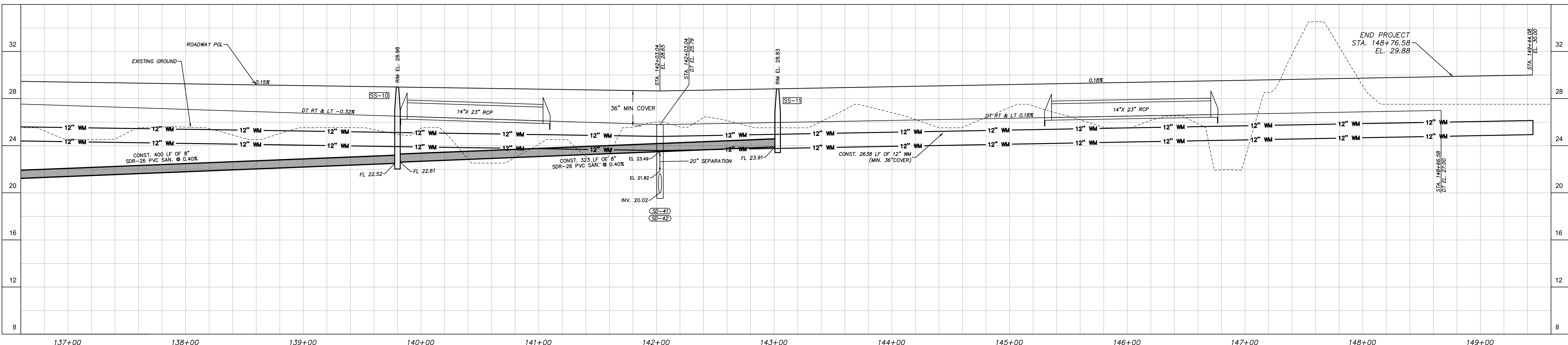
P:\Proj\2021\21-020 Arco - SW Anthony Sansone (Phase 1)\Eng\21.020 Plan-Profile.dwg Plotted: 4/2/2021 3:12 PM By: DONNIE PINKERTON



FITTING TABLE				
FITTING ID	FITTING TYPE	STATION	OFFSET	TOP OF PIPE
WM CAP #5	12" CAP W/ BLOW-OFF (TEMPORARY IF REQUIRED)	148+71.67	23.00	26.01

VALVE TABLE					
VALVE ID	VALVE TYPE	STATION	OFFSET	TOP OF PIPE	FINISHED GND.
FIRE HYD #12	HYDRANT ASSEMBLY	139+01.23	28.00	25.24	
FIRE HYD #13	HYDRANT ASSEMBLY	143+99.41	28.00	25.15	
WM VALVE #18	12" RSGV	138+73.67	23.00	25.28	
WM VALVE #19	12" RSGV	143+73.67	23.00	25.10	
WM VALVE #20	12" RSGV	148+63.58	23.00	25.99	

PIPE CROSSING TABLE						
CROSSING #	TYPE	STATION	CLEARANCE (INCHES)	TOP OF PIPE (ELEV.)	BOTTOM OF PIPE (ELEV.)	FINISH GRADE (ELEV.)
C3	12" WM OVER 30" RCP	142+03.04, 23.00 R	20.04"	21.82'	23.49'	26.37'
C4	8" SAN OVER 30" RCP	142+03.04, 0.00	19.08"	21.87'	23.46'	28.65'



SEE SW PAAR DRIVE PLANS

PSLUSD PROJECT NO. 5360C  
CITY OF PSL PROJECT NO. P21-059

STEFAN K. MATTHEWS, P.E.  
FL. REG. NO. 38723



NOTES:  
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COMPUTER FILE REF.	FIELD BK./PG.

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- REVISIONS -		
NO.	BY	DATE

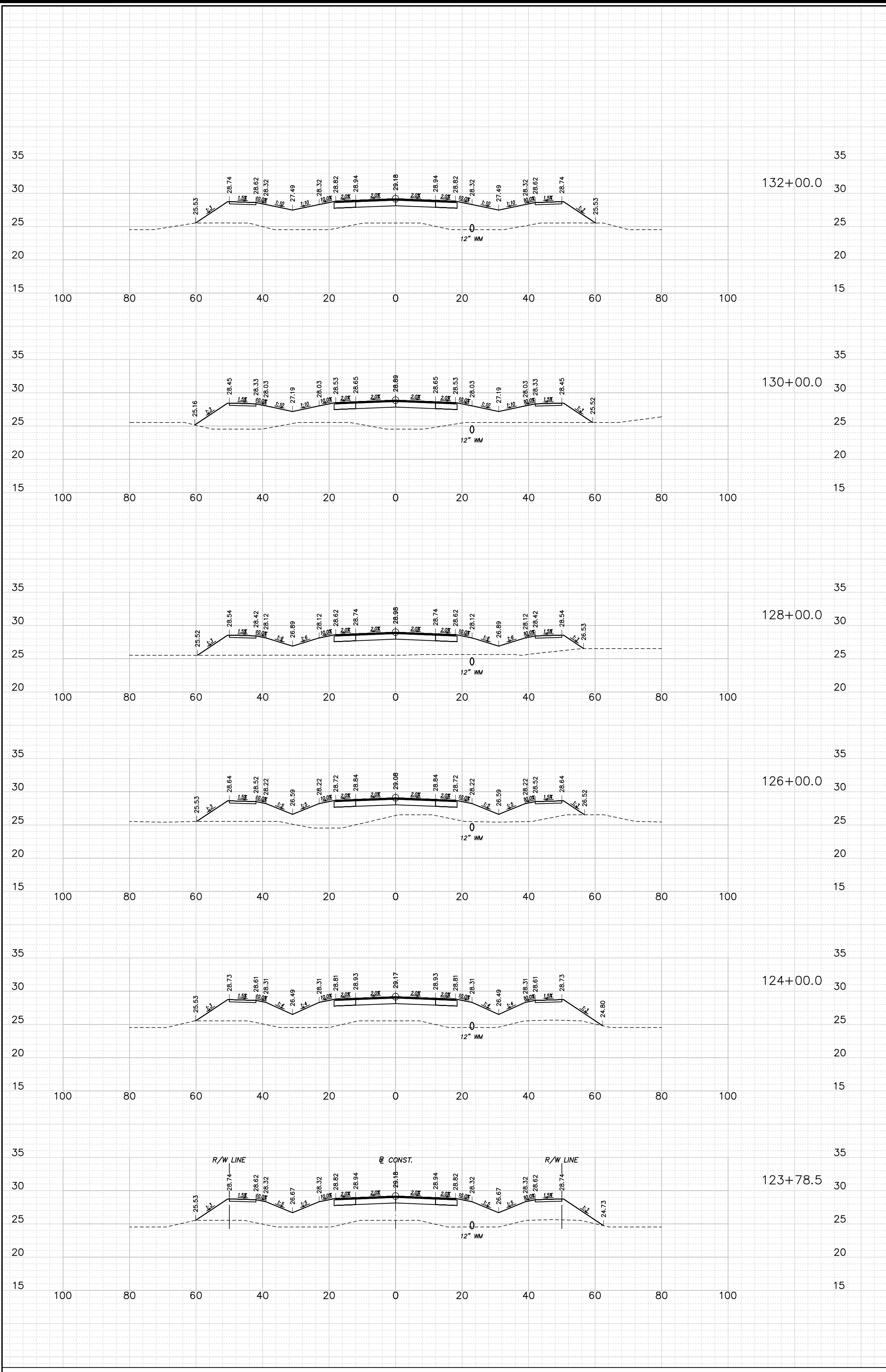
	BY	DATE
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CALCS.		
DRAWN	DRP	03/10/21
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CHECKED		
APPROVED		

**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**  
**ROADWAY PLAN & PROFILE SHEETS**

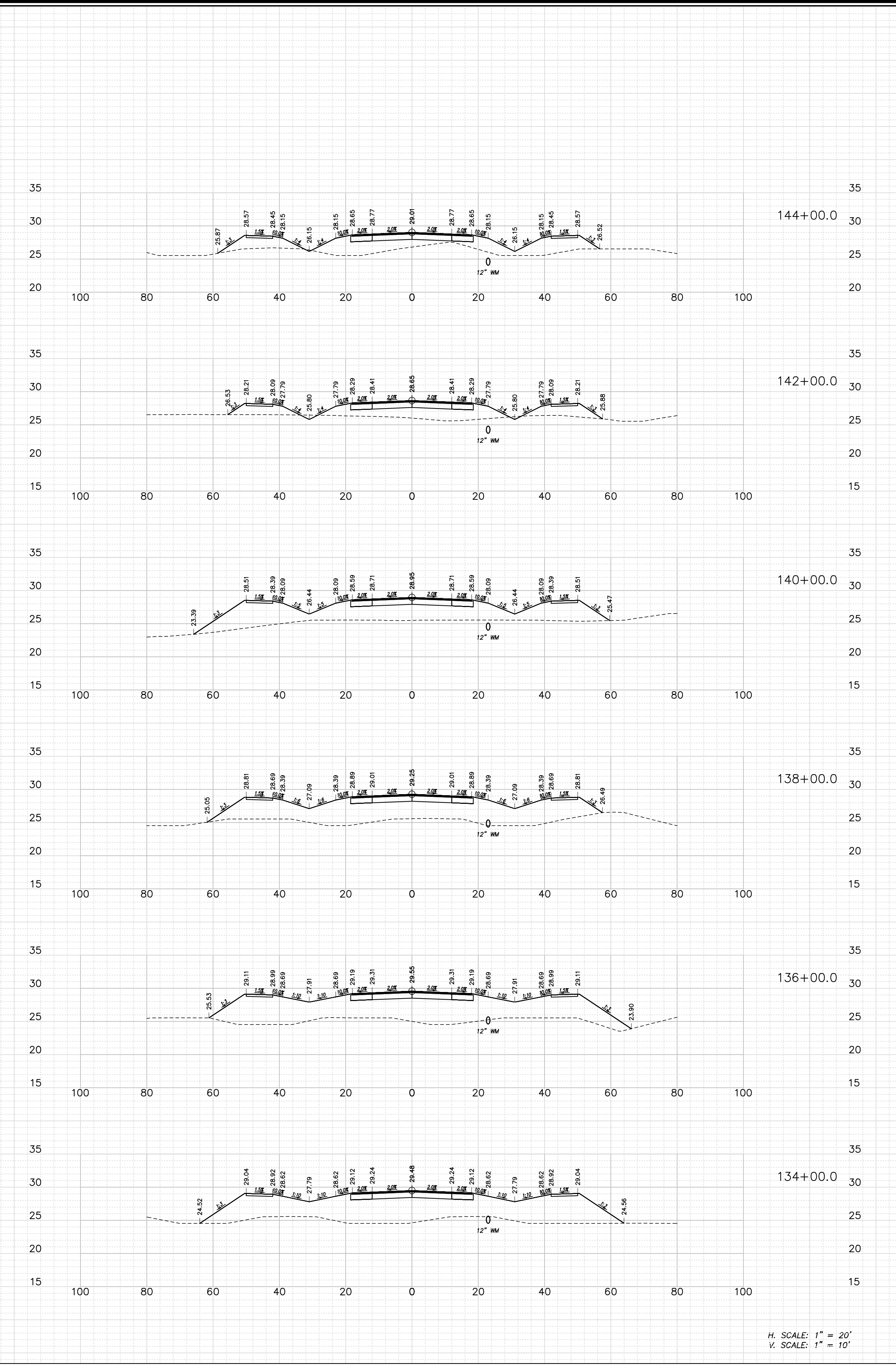
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HORIZ. SCALE: SCALE  
VERT. SCALE: SCALE  
JOB No. 21-020  
SHEET 7 of 14

P:\Proj-2021\21-020 Arco - SW Anthony Sansone (Phase 1)\Eng\21.020 Plan-Profile.dwg Plotted: 4/2/2021 3:12 PM By: DONNIE PINKERTON

P:\Proj-2021\21-020 Arco - SW Anthony Sansone (Phase 1)\Eng\21-020 Cross Sections.dwg Plotted: 4/2/2021 3:13 PM By: DONNIE FINKERTON



REGULAR EXC.		EMBK.	
A	V	A	V
(SF)	(CY)	(SF)	(CY)
0.00	0.00	341.10	2379.98
0.00	0.00	301.49	2024.26
0.00	0.00	245.06	1837.07
0.00	0.00	252.63	2118.51
0.00	0.00	320.29	258.14
0.00	0.00	327.08	0.00



REGULAR EXC.		EMBK.	
A	V	A	V
(SF)	(CY)	(SF)	(CY)
0.23	10.05	162.14	1092.41
2.48	9.20	132.82	1541.29
0.00	0.00	283.33	2256.37
0.00	0.00	325.89	2675.86
0.00	0.00	396.60	2950.07
0.00	0.00	399.92	2744.54

H. SCALE: 1" = 20'  
V. SCALE: 1" = 10'

PSLUSD PROJECT NO. 5360C  
CITY OF PSL PROJECT NO. P21-059  
STEFAN K. MATTHEWS, P.E.  
FL. REG. NO. 38723



NOTES:  
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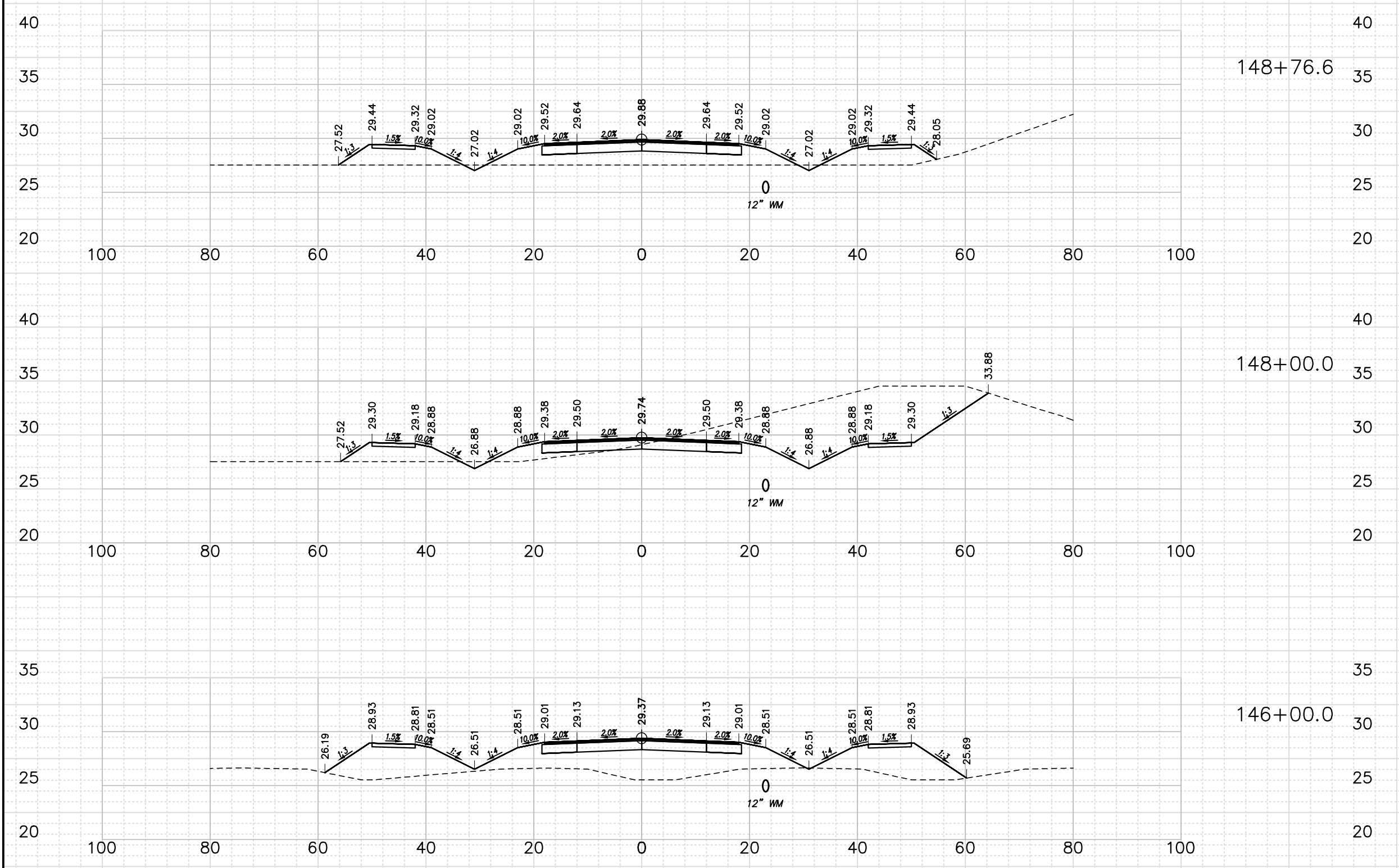
**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**  
**ROADWAY CROSS SECTIONS**

DATE: 04/02/2021  
HORIZ. SCALE: 1"=20'  
VERT. SCALE: 1"=10'  
JOB No. 21-020  
SHEET 8 of 14



P:\Proj-2021\21-020 Arco - SW Anthony Sansone (Phase 1)\Eng\21-020 Cross Sections.dwg Plotted: 4/2/2021 3:14 PM By: DONNIE FINKERTON

REGULAR EXC.		EMBK.	
A	V	A	V
(SF)	(CY)	(SF)	(CY)
<b>TOTAL EXC.</b> 1,184.13		<b>TOTAL EMBK.</b> 24,510.14	
2.06	324.31	120.32	225.68
226.63	839.55	38.82	974.61
0.05	1.03	224.33	1431.34



H. SCALE: 1" = 20'  
V. SCALE: 1" = 10'

PSLUSD PROJECT NO. 5360C  
CITY OF PSL PROJECT NO. P21-059  
STEFAN K. MATTHEWS, P.E.  
FL. REG. NO. 38723



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COMPUTER FILE REF.	FIELD BK./PG.

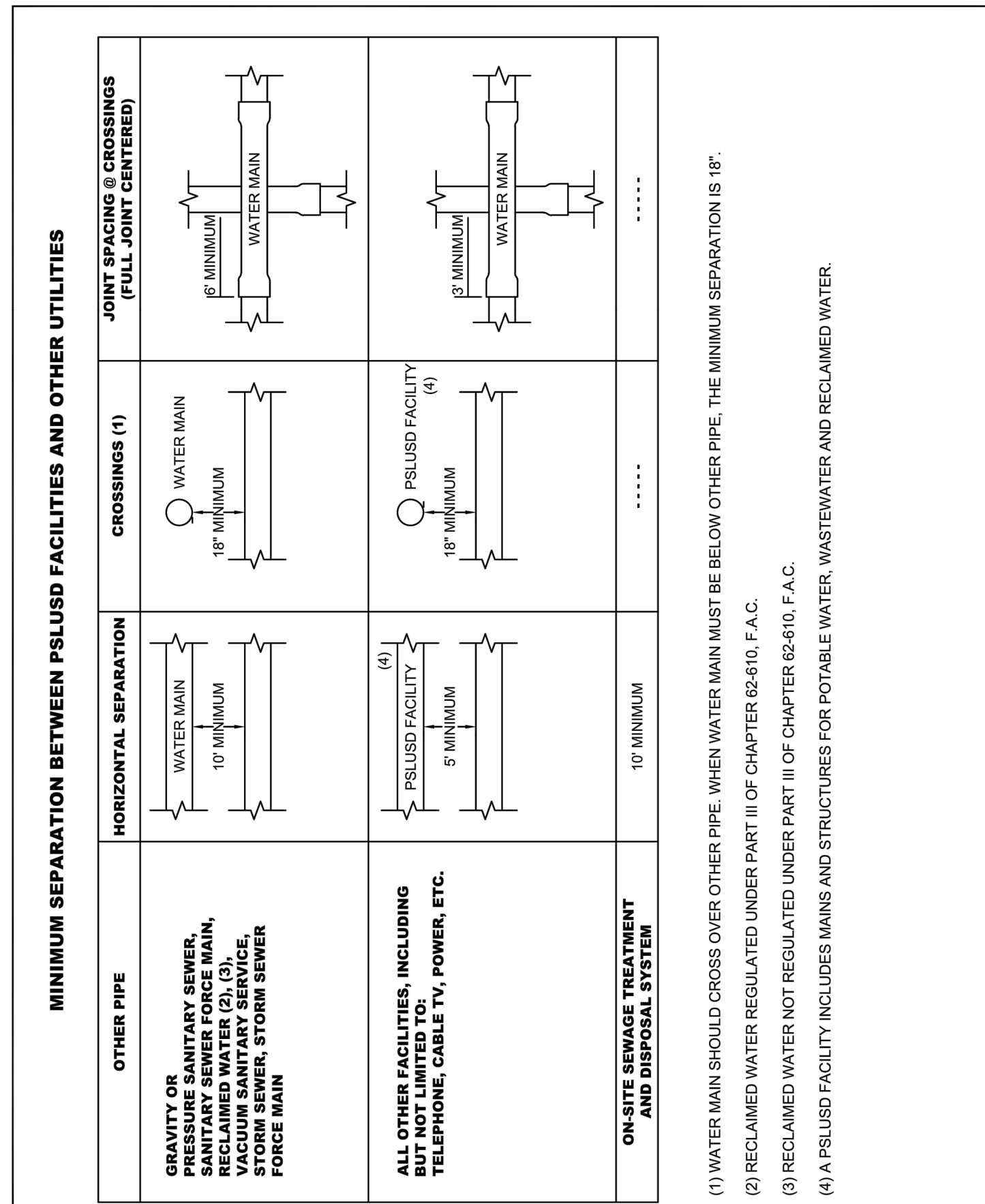
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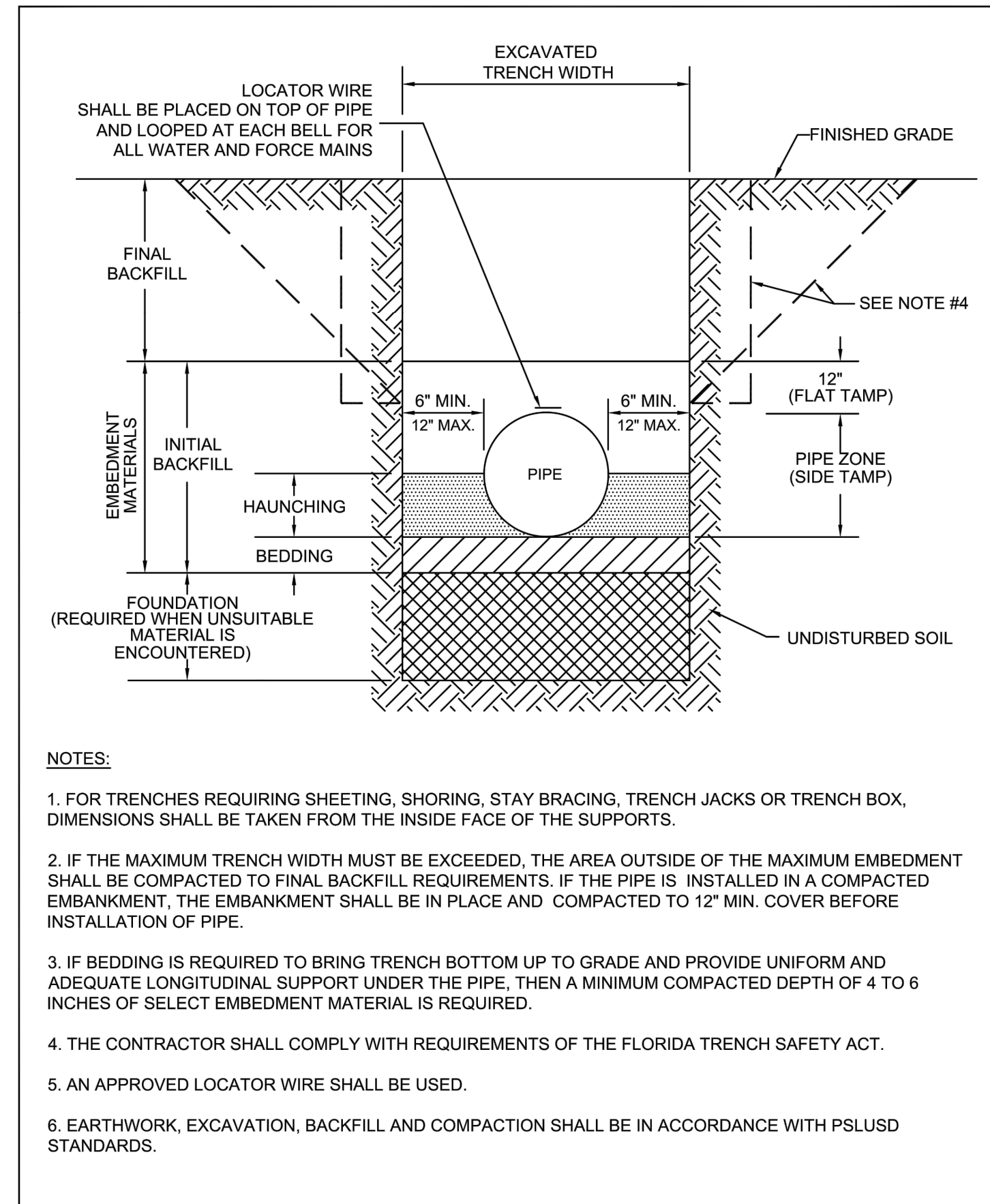
	BY	DATE
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CALCS.		
DRAWN	DRP	03/10/21
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APPROVED		

**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**  
**ROADWAY CROSS SECTIONS**

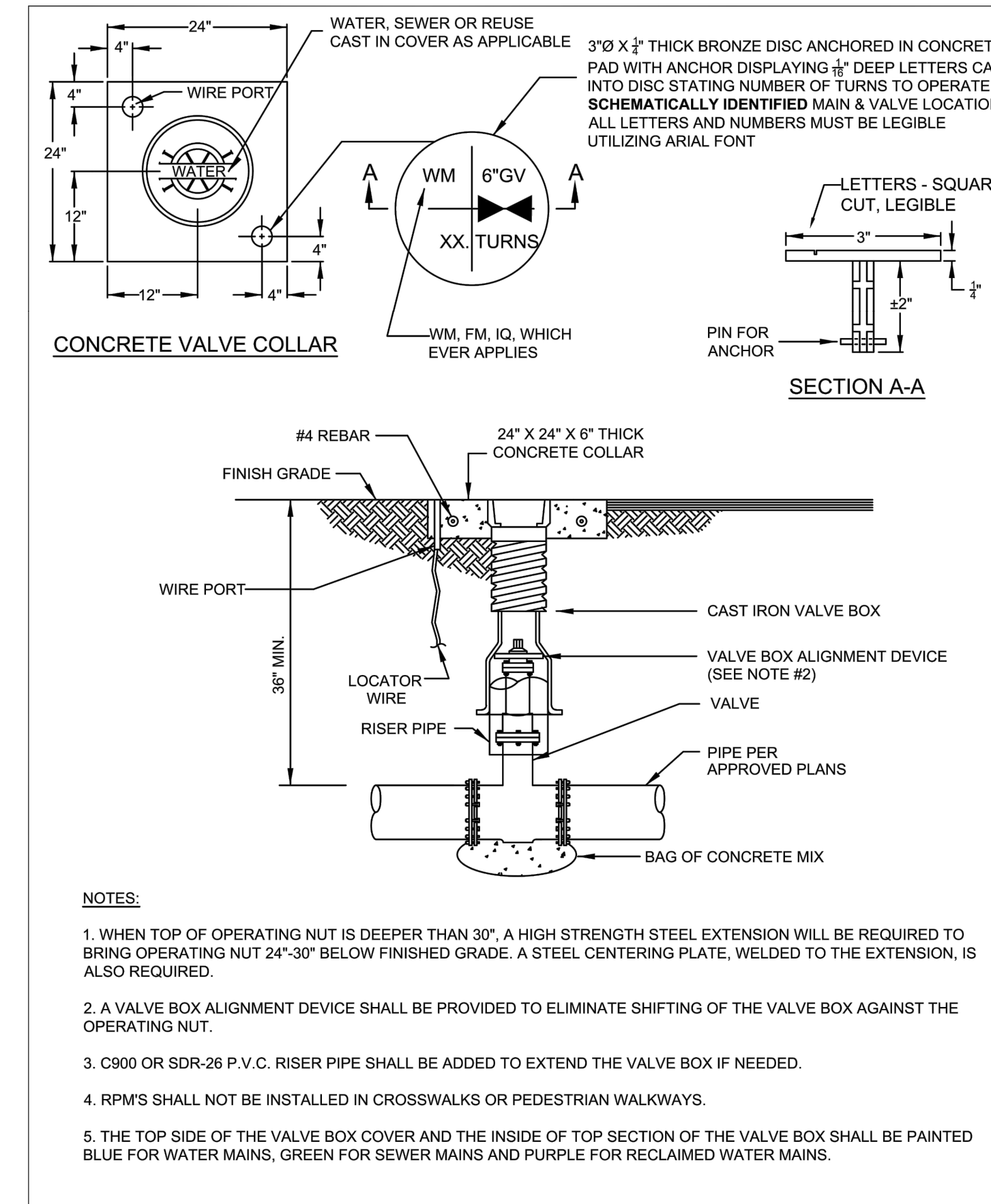
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HORIZ. SCALE: 1"=20'  
VERT. SCALE: 1"=10'  
JOB No. 21-020  
SHEET 9 of 14



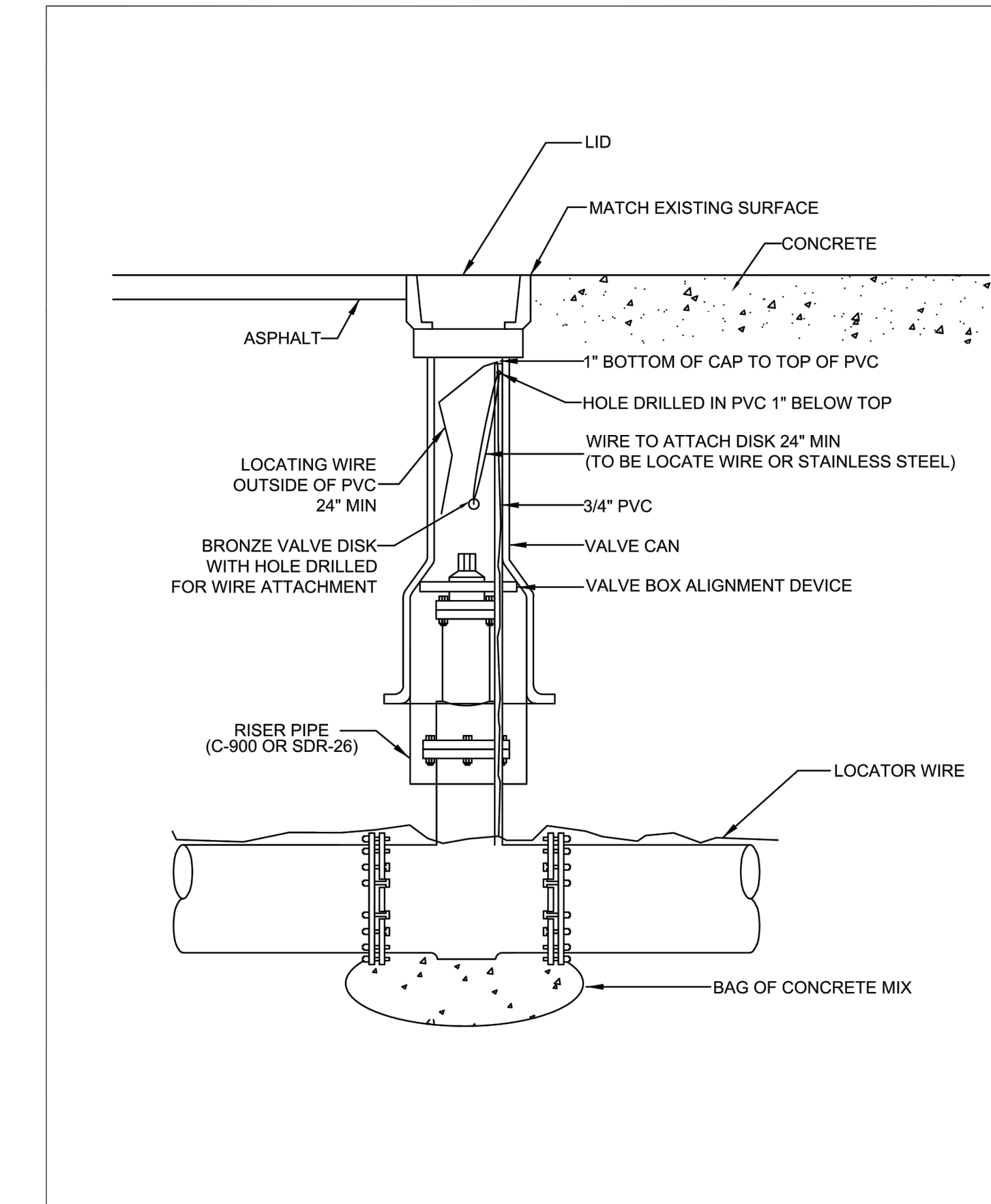
<b>MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE</b> 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>STANDARD SEPARATION REQUIREMENTS</b>	<b>DETAIL: G-01</b> DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 1
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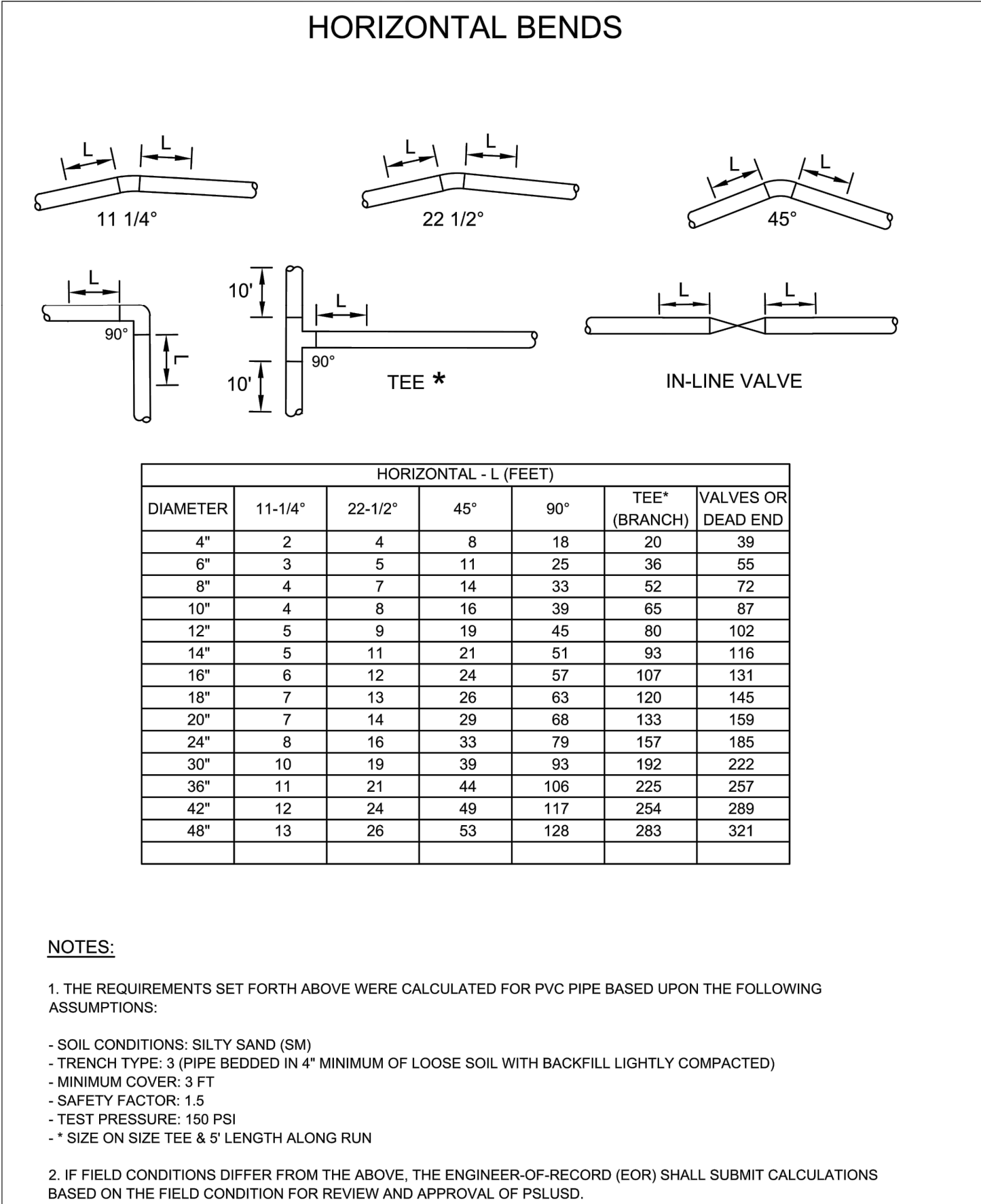
<b>MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE</b> 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>STANDARD PIPE TRENCH CROSS SECTION</b>	<b>DETAIL: G-04</b> DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 1
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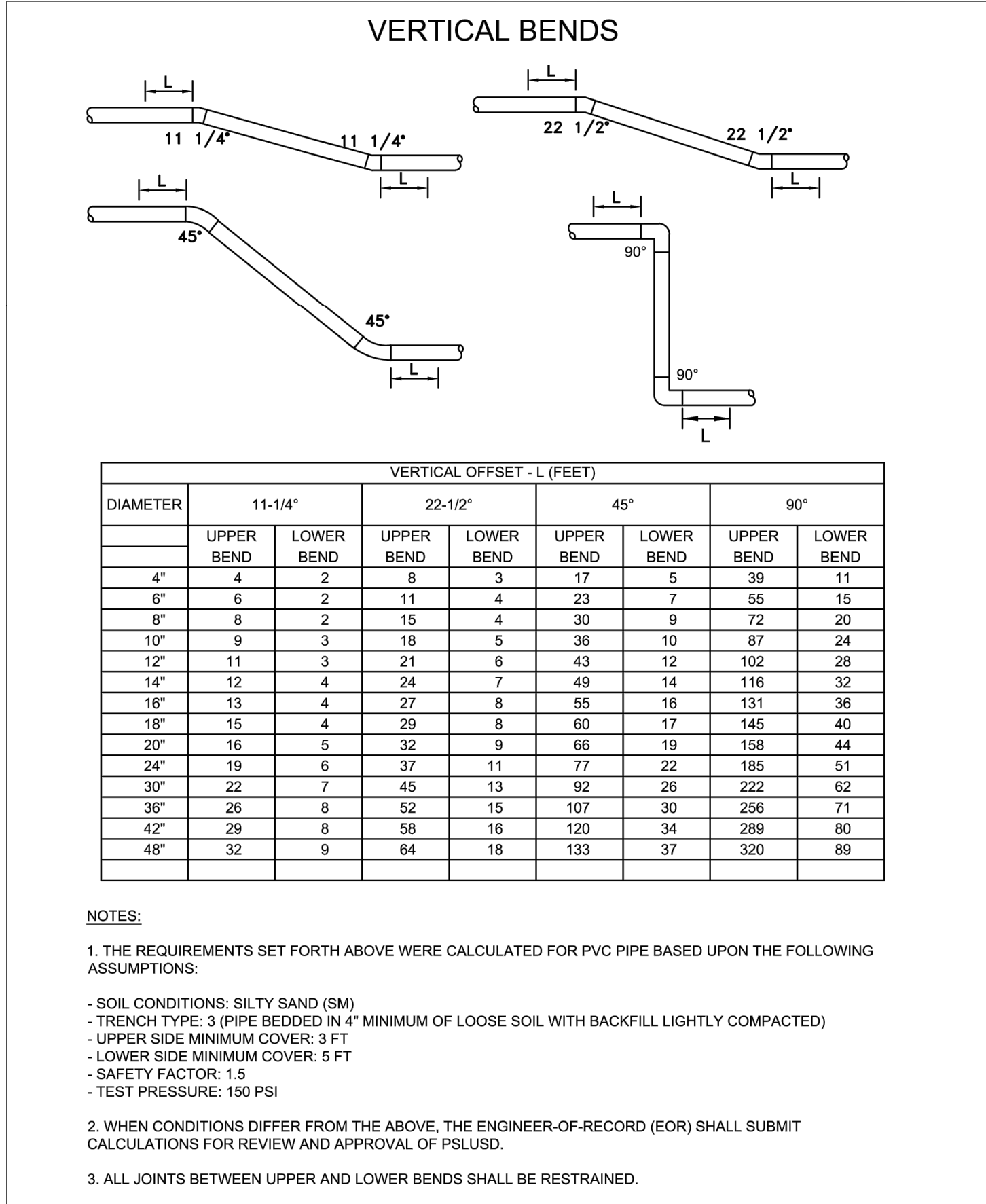
<b>MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE</b> 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>TYPICAL VALVE BOX AND COLLAR IN UN-PAVED AREA</b>	<b>DETAIL: G-07</b> DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 2
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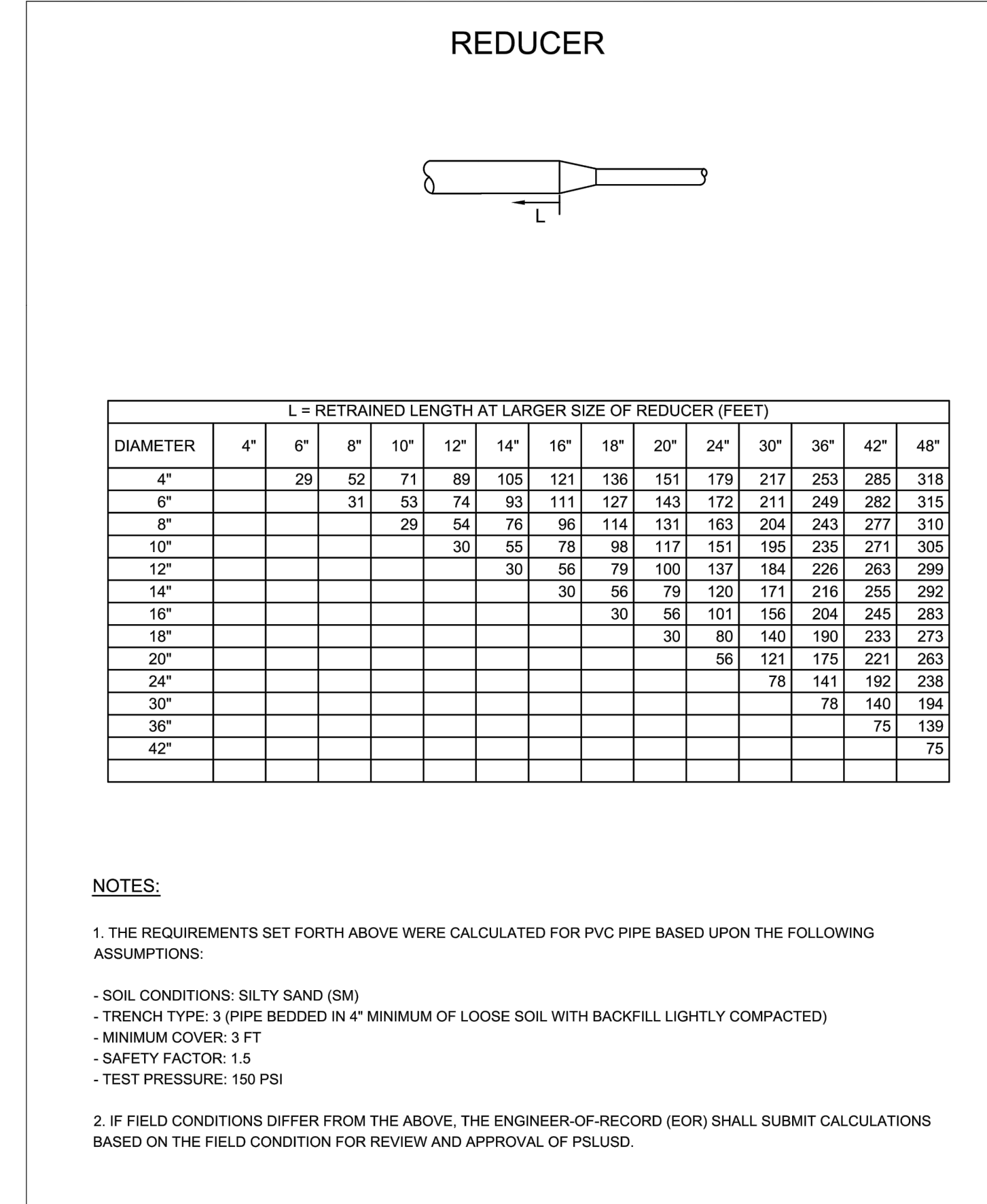
<b>MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE</b> 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>TYPICAL VALVE BOX IN PAVED AREA</b>	<b>DETAIL: G-07</b> DATE: 2019 SCALE: N.T.S. SHEET: 2 OF 2
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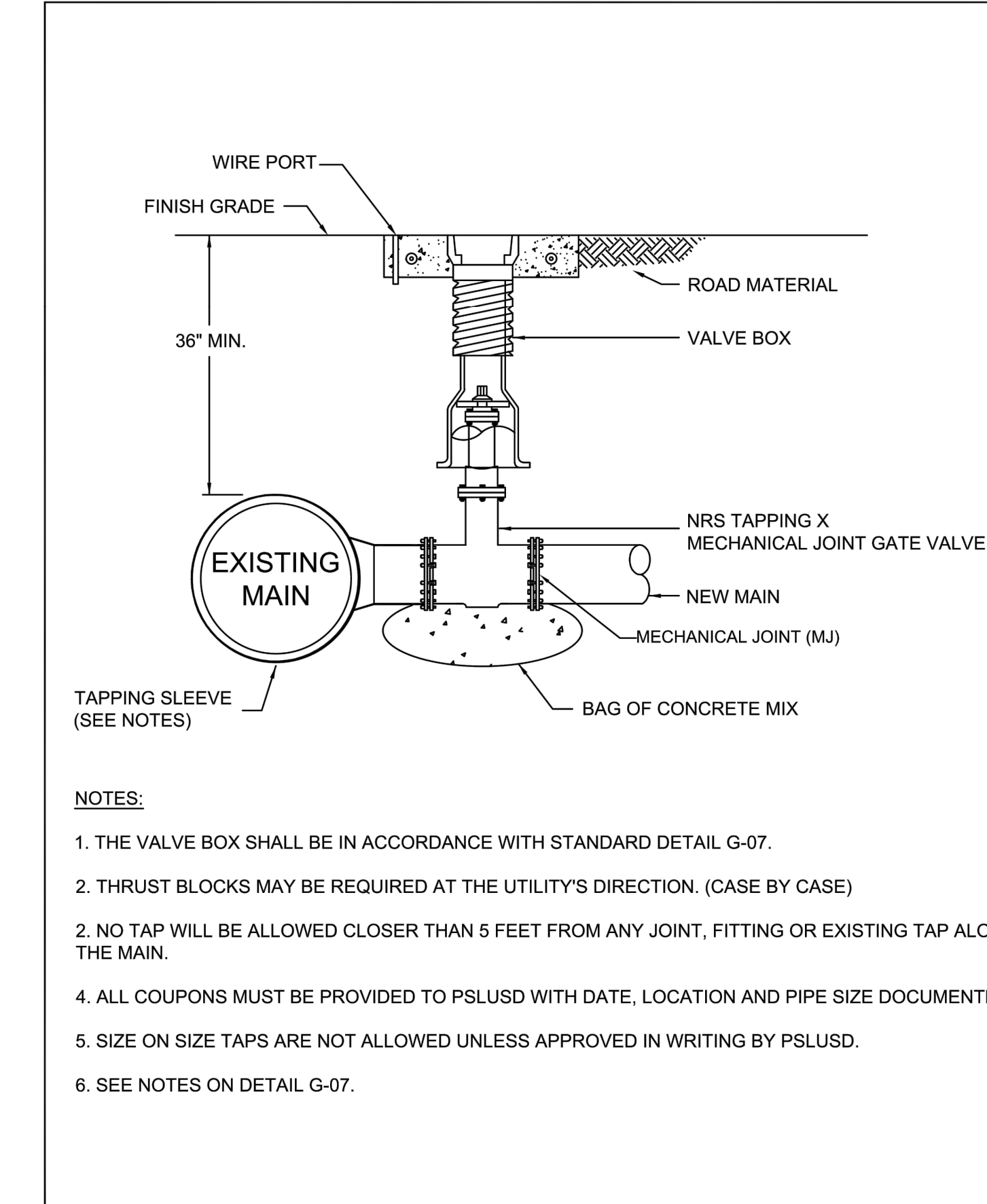
<b>MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE</b> 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>PIPELINE RESTRAINT REQUIREMENTS (HORIZONTAL)</b>	<b>DETAIL: G-09</b> DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 3
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<b>MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE</b> 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>PIPELINE RESTRAINT REQUIREMENTS (VERTICAL)</b>	<b>DETAIL: G-09</b> DATE: 2019 SCALE: N.T.S. SHEET: 2 OF 3
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<b>MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE</b> 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>PIPELINE RESTRAINT REQUIREMENTS (REDUCER)</b>	<b>DETAIL: G-09</b> DATE: 2019 SCALE: N.T.S. SHEET: 3 OF 3
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<b>MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE</b> 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>TAPPING SLEEVE AND VALVE ASSEMBLY</b>	<b>DETAIL: G-10</b> DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 1
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**811**

Know what's below.  
Call before you dig.

**NOTES:**

1) ALL ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988.

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- REVISIONS -		BY	DATE

PSLUSD PROJECT No. 5360C  
CITY OF PSL PROJECT No. P21-059

**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**

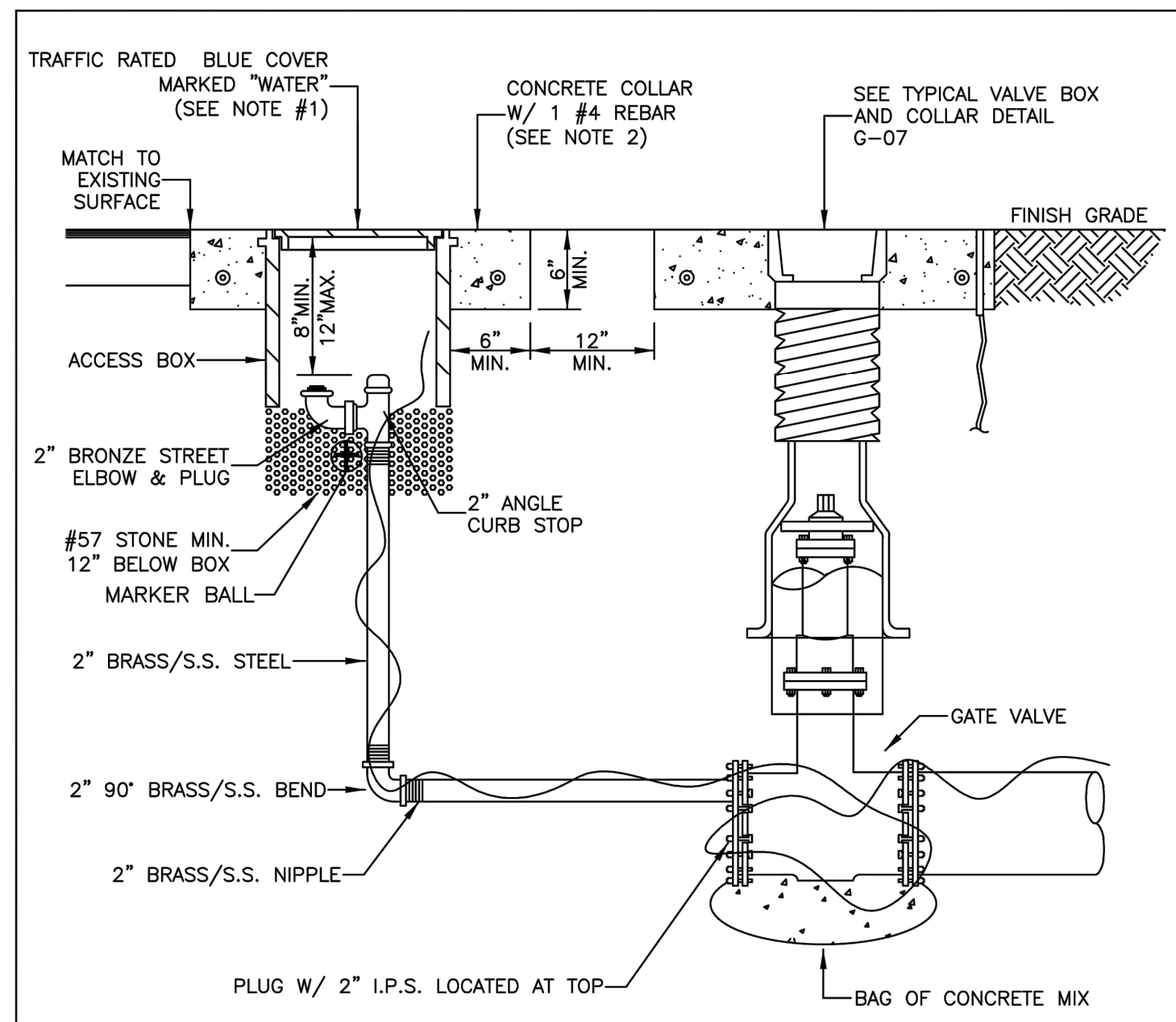
**UTILITY DETAILS**

DATE: 04/02/2021  
 HORIZ. SCALE: SCALE  
 VERT. SCALE: SCALE

JOB No. 21-020

SHEET 10 of 14

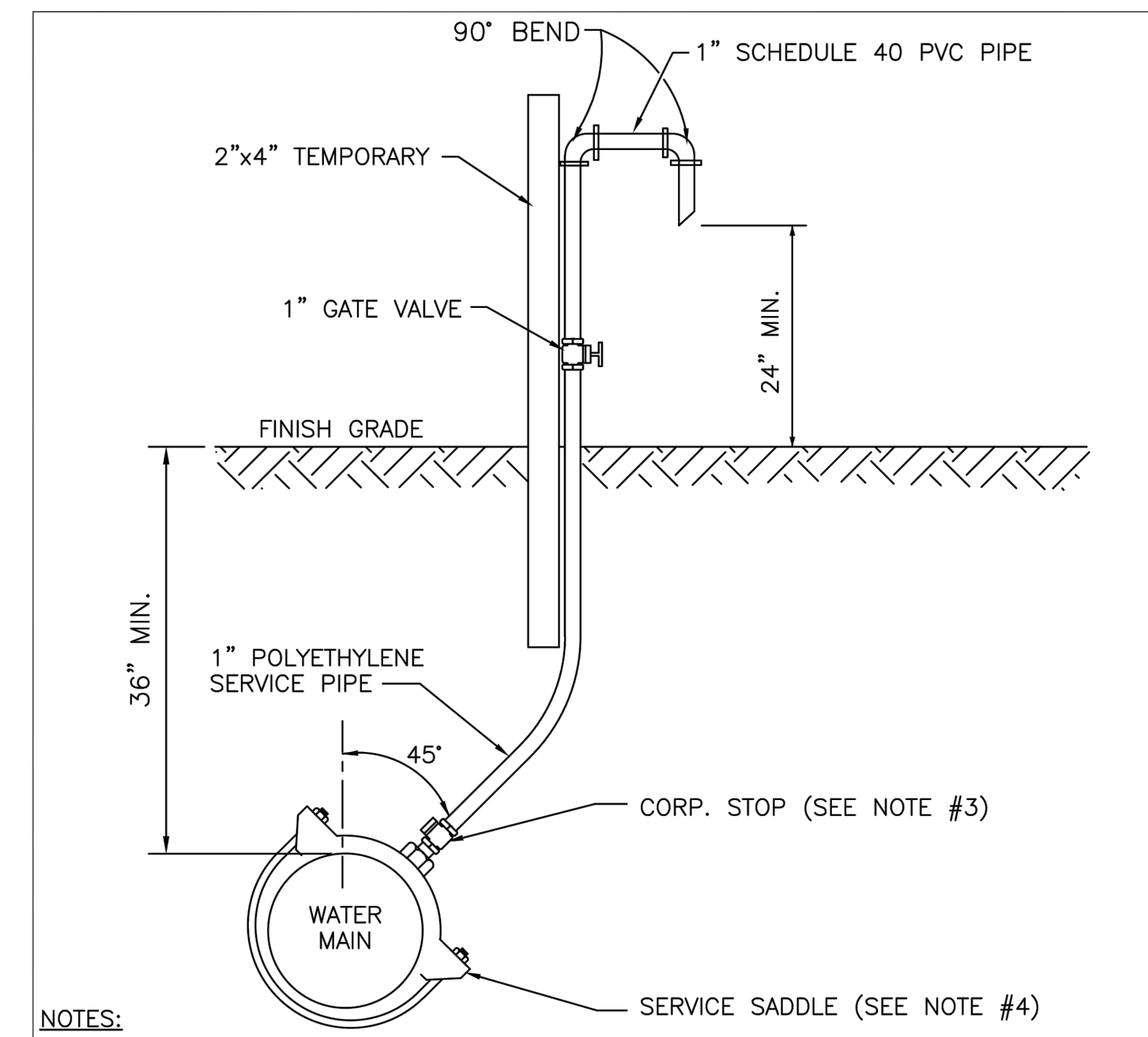
P:\Proj\2021\21-020 Arco - SW Anthony Sansone (Phase 1)\Eng\21-020 COVER -NOTES.dwg Plotted: 4/2/2021 3:14 PM By: DONNIE PINKERTON



**NOTES:**

- COVER SHALL BE PAINTED BLUE FOR "WATER".
- NO CONCRETE COLLAR IF LOCATED IN ASPHALT OR CONCRETE.
- LOCATE WIRE NOT REQUIRED IF SEPARATION BETWEEN THE VALVE BOX AND ACCESS BOX IS 6" OR LESS.

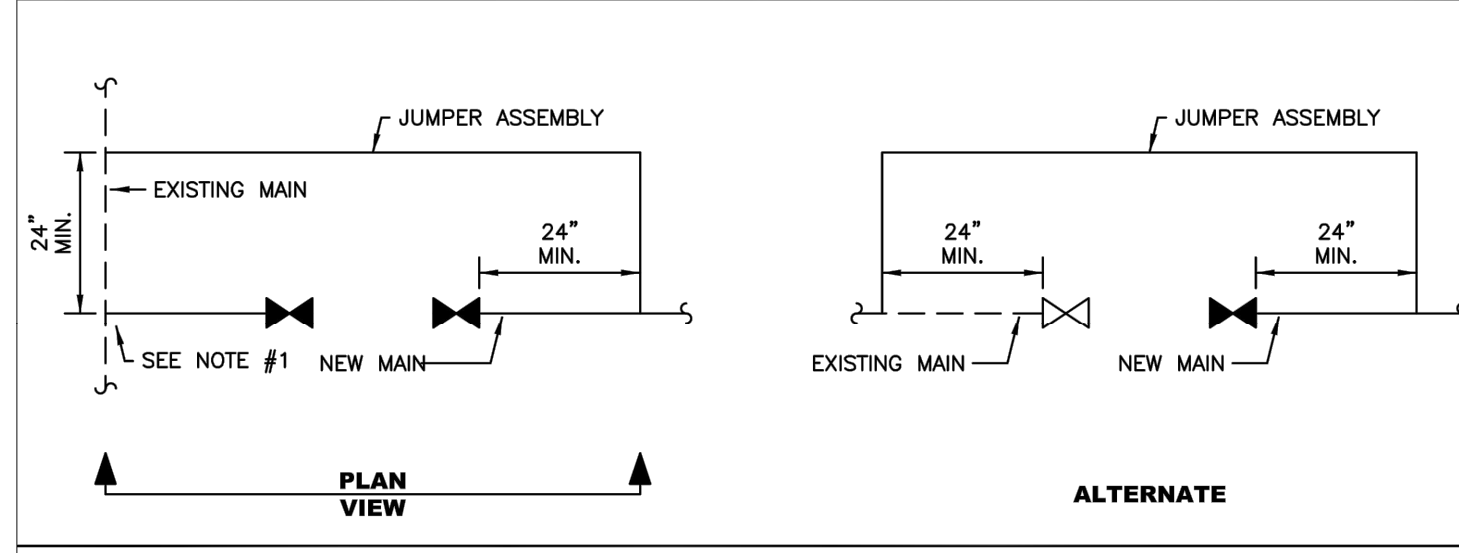
	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>BLOW-OFF ASSEMBLY</b>	DETAIL: W-04 DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 1
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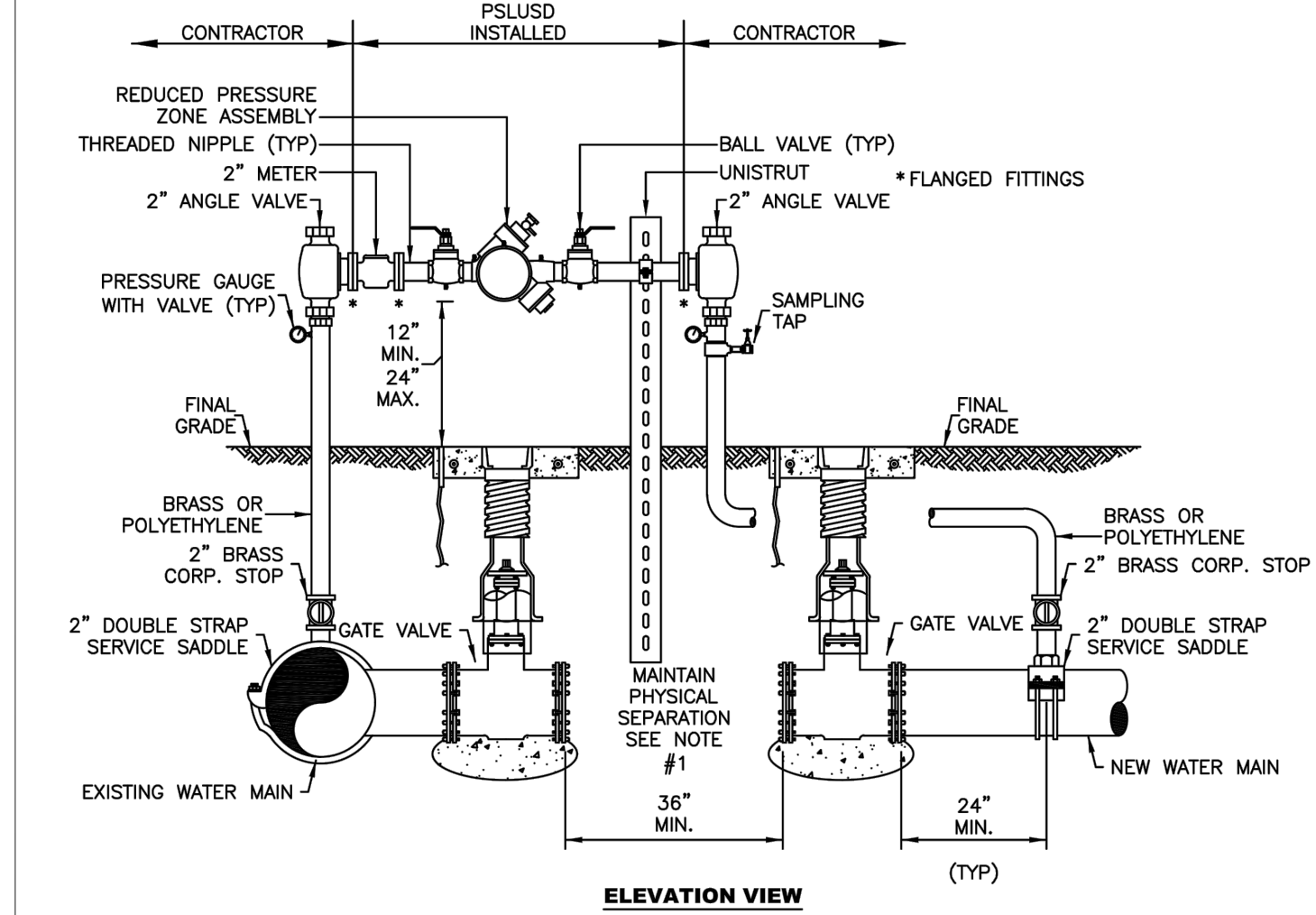
**NOTES:**

- SAMPLING POINTS SHALL BE LOCATED AS SHOWN ON PLANS APPROVED BY PSLUSD AND AS REQUIRED BY FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. A SAMPLE POINT MAP (SINGLE SHEET PDF) SHALL BE SUBMITTED TO PSLUSD FOR REVIEW PRIOR TO DISINFECTION.
- THE EXCAVATED HOLE FOR THIS INSTALLATION SHALL BE BACKFILLED TO FINISHED GRADE PRIOR TO DISCHARGING ANY WATER ON THE GROUND.
- AFTER BACTERIOLOGICAL CLEARANCE IS RECEIVED, THE CONTRACTOR SHALL TURN CORPORATION STOP OFF, REMOVE TUBING AND PLUG CORPORATION STOP WITH BRASS PLUG/CAP.
- NO DIRECT TAPS SHALL BE PERMITTED.

	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>WATER SAMPLING POINT</b>	DETAIL: W-05 DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 1
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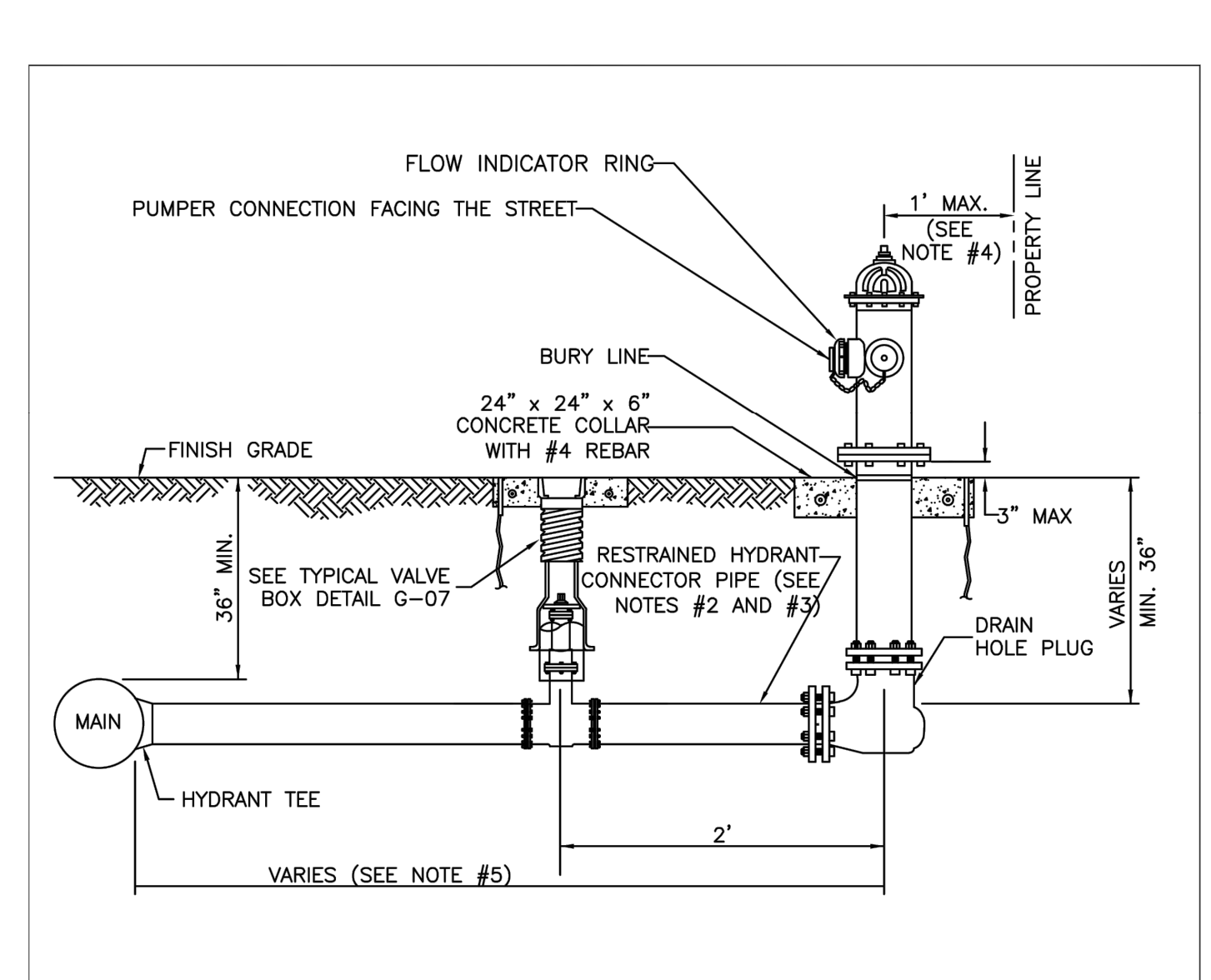
ALL PIPES AND APPURTENANCES TO BE 2" FOR NEW MAINS UP TO 8" FOR MAINS OVER 8", ALL PIPES AND APPURTENANCES TO BE SIZED AND DESIGNED BY THE ENGINEER OF RECORD.



	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>TEMPORARY JUMPER CONNECTION (UP TO 8" PIPE)</b>	DETAIL: W-09 DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 2
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- NOTES:**
- A TEMPORARY JUMPER CONNECTION IS REQUIRED AT ALL CONNECTIONS BETWEEN EXISTING ACTIVE PSLUSD WATER MAINS AND PROPOSED NEW WATER MAINS. A PHYSICAL SEPARATION SHALL BE MAINTAINED, EXCEPT AS NOTED IN #5 BELOW. THE PROCEDURES ARE APPLICABLE WHEN CONNECTING TO AN EXISTING PSLUSD WATER MAIN, WHETHER BY TAPPING THE END VALVE OR BY CONTINUATION OF A PLUGGED STUB OUT WITH AN EXISTING GATE VALVE.
  - THE CONTRACTOR SHALL CONTACT THE PSLUSD REGARDING SCHEDULING OF REQUIRED INSPECTIONS RELATING TO THE CONNECTION. PSLUSD INSPECTIONS ARE SPECIFICALLY REQUIRED FOR THE INS OR WET TAPS TO EXISTING WATER MAINS, JUMPER INSTALLATION, FLUSHING, PRESSURE TESTING, DISINFECTION, SAMPLING, PLUGGING OF SAMPLING POINTS AND PERMANENT CONNECTION OF THE NEW WATER MAIN. THE CONTRACTOR SHALL FOLLOW ALL PROCEDURES STRICTLY IN ACCORDANCE WITH THE PSLUSD UTILITY STANDARDS MANUAL.
  - THE TEMPORARY JUMPER ASSEMBLY (FLANGE TO FLANGE) WILL BE SUPPLIED, INSTALLED AND TESTED BY THE PSLUSD, IN COORDINATION WITH THE ENGINEER OF RECORD AND CONTRACTOR. OTHER MATERIALS AND INSTALLATION REQUIRED FOR THE CONNECTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE UNDERGROUND FITTINGS SHALL BE RESTRAINED MECHANICAL JOINT TYPE. ALL MATERIALS SHALL BE PER THE PSLUSD APPROVED QUALIFIED PRODUCTS LIST. THE JUMPER CONNECTION SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL THE ASSEMBLY IS REMOVED BY THE PSLUSD.
  - ALL NEW WATER MAINS SHALL BE DOUBLE-PIGGED, FLUSHED, PRESSURE TESTED AND DISINFECTED. NEW MAIN SHALL NOT BE PLACED INTO SERVICE UNTIL THE BACTERIOLOGICAL TEST RESULTS ARE SATISFACTORY AND A WRITTEN APPROVAL HAS BEEN OBTAINED FROM THE PSLUSD.
  - A PHYSICAL SEPARATION SHALL BE MAINTAINED BETWEEN THE EXISTING MAIN AND NEW MAIN, EXCEPT AS NOTED HEREIN. IF THE NEW MAIN IS OF A SIZE OR LENGTH THAT PIGGING/FLUSHING CANNOT BE EFFECTIVELY ACCOMPLISHED WITH THE JUMPER CONNECTION, MORE THAN ONE JUMPER MAY BE USED AS DETERMINED BY THE EOR OR THE PSLUSD MAY ALLOW A PHYSICAL CONNECTION UNDER CONTROLLED CONDITIONS AS FOLLOWS:
    - THE PROCEDURE WILL BE CONDUCTED BY THE CONTRACTOR IN THE PRESENCE OF A PSLUSD INSPECTOR AND THE ENGINEER-OF-RECORD (EOR) OR REPRESENTATIVE.
    - THE NEW VALVE(S) SHOWN IN THIS DETAIL SHALL BE PRESSURE/LEAKAGE TESTED AND REPLACED IF LEAKAGE IS OBSERVED. THE VALVES WILL BE KEPT CLOSED BY THE PSLUSD AND SHALL NOT BE OPERATED BY ANY ONE OTHER THAN PSLUSD PERSONNEL.
    - THE JUMPER CONNECTION SHALL BE USED TO FILL THE NEW MAIN.
    - THE CONTRACTOR SHALL DISINFECT THE PIPE AND FITTINGS USED TO MAKE THE CONNECTION BY SPRAYING AND SWABBING WITH CHLORINE.
    - ALL VALVES IN THE NEW SYSTEM DOWNSTREAM OF THE JUMPER SHALL BE OPENED BY THE CONTRACTOR PRIOR TO FLUSHING. THE VALVES SHOWN IN THIS DETAIL SHALL BE OPENED BY PSLUSD PERSONNEL ONLY.
    - THE PIGGING AND FLUSHING SHALL BE PERFORMED BY THE CONTRACTOR IN THE PRESENCE OF A PSLUSD INSPECTOR. THE VALVES WILL BE CLOSED BY PSLUSD PERSONNEL AFTER THE MAIN HAS BEEN FLUSHED.
  - THE WATER MAINS SHALL BE PRESSURE TESTED AFTER FLUSHING AND PRIOR TO DISINFECTION. ALL VALVES SHALL REMAIN CLOSED DURING THE PRESSURE TEST AND WILL NOT BE OPENED UNTIL THE RESULTS OF PRESSURE TESTING AND BACTERIOLOGICAL TESTING ARE SATISFACTORY AND THE SYSTEM HAS BEEN ACCEPTED FOR OPERATION BY THE PSLUSD.
  - DISINFECTION SHALL BE CONDUCTED IN ACCORDANCE WITH AWWA C651. A MINIMUM PRESSURE OF 20 PSI SHALL BE MAINTAINED IN THE NEW MAIN AFTER DISINFECTION.
  - CONNECTION TO EXISTING MAINS SHALL NOT BE MADE PRIOR TO BACTERIOLOGICAL CLEARANCE AND UNTIL APPROVED BY THE PSLUSD.
  - UPON WRITTEN ACCEPTANCE OF BACTERIOLOGICAL CLEARANCE BY THE PSLUSD, THE SAMPLING POINTS CAN BE REMOVED AND PLUGGED BY THE CONTRACTOR. THE CONTRACTOR SHALL MAKE THE PERMANENT CONNECTION IN THE PRESENCE OF A PSLUSD INSPECTOR, UNLESS THE CONNECTION WAS PREVIOUSLY MADE AS INDICATED IN NOTE 5D; THE PIPE AND FITTINGS FOR CONNECTION SHALL BE DISINFECTED BY SPRAYING AND SWABBING WITH CHLORINE. ONCE APPROVAL TO PLACE THE WATER SYSTEM INTO OPERATION HAS BEEN RECEIVED, THE JUMPER ASSEMBLY (FLANGE TO FLANGE) WILL BE REMOVED BY THE PSLUSD IN COORDINATION WITH THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE THE REST OF THE JUMPER CONNECTION PIPING AND PLUG THE CORPORATION STOP VALVES.
  - ABANDONED TAP LOCATIONS TO BE SHOWN ON THE AS-BUILTS.

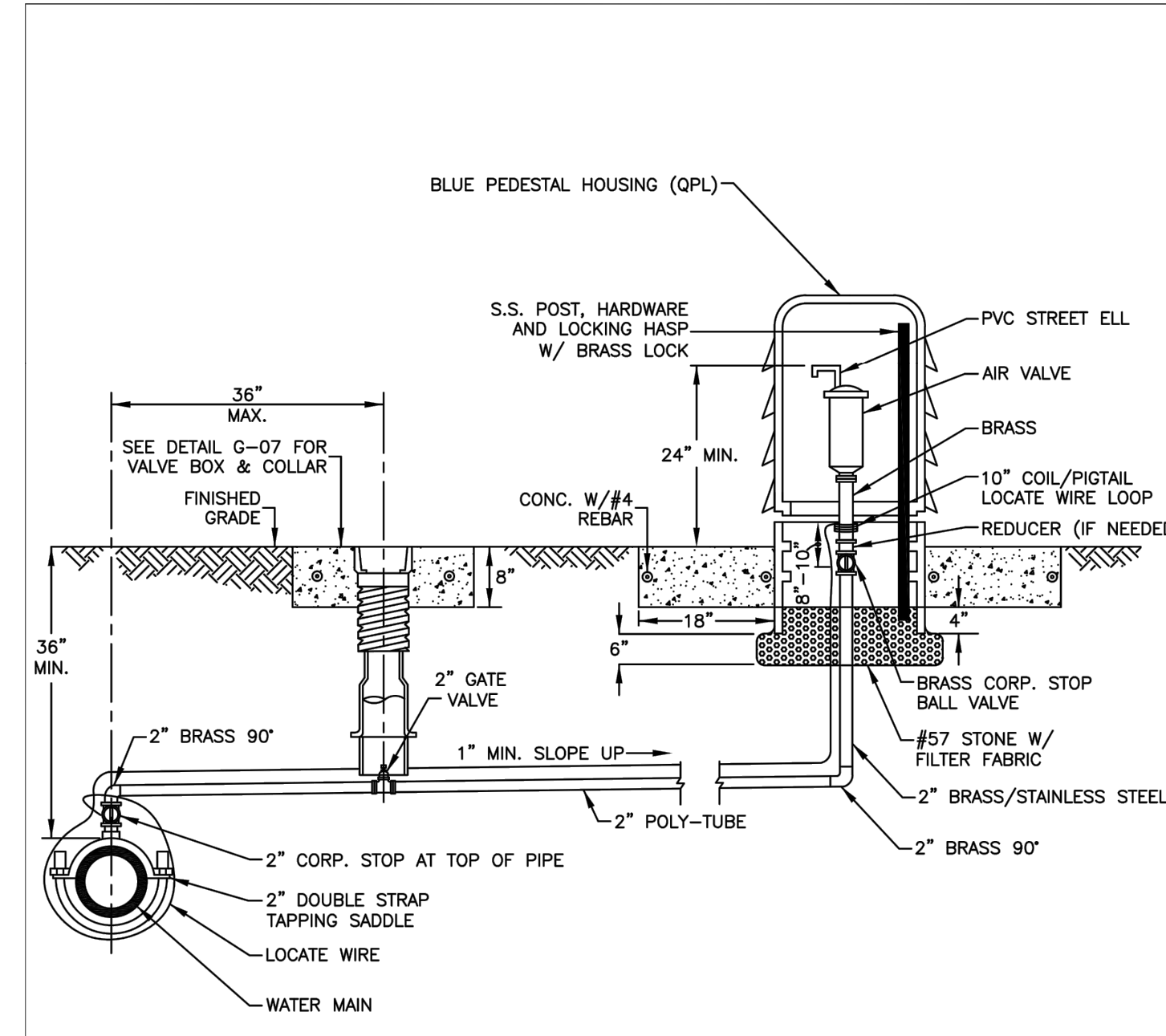
	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>TEMPORARY JUMPER CONNECTION</b>	DETAIL: W-09 DATE: 2019 SCALE: N.T.S. SHEET: 2 OF 2
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**NOTES:**

- HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600. THE HYDRANTS SHALL BE PAINTED BY THE MANUFACTURER WITH 2 COATS (MIN.).
- VERTICAL BENDS MAY BE NECESSARY TO OBTAIN COVER UNDER SWALES OR AT HYDRANT LOCATION. VERTICAL BENDS OR OFFSETS ARE INCLUDED IN HYDRANT ASSEMBLY. ALL BENDS MUST BE RESTRAINED.
- CONNECTOR PIPE AND ANY REQUIRED VERTICAL BENDS SHALL HAVE AN ANCHORING FEATURE ON BOTH ENDS SO THAT WHEN USED WITH M.J. SPLIT GLANDS, A RESTRAINED JOINT IS PROVIDED.
- WHEN INSTALLED WITH SIDEWALK OR CURB, PROVIDE MIN. 2 FOOT CLEARANCE TO ANY PORTION OF THE HYDRANT, UTILIZING THE SIDE LOT EASEMENT IF NECESSARY.
- A GATE VALVE SHALL BE INSTALLED WITHIN 2 FEET OF THE FIRE HYDRANT. IF DISTANCE FROM THE WATER MAIN TO THE FIRE HYDRANT IS GREATER THAN 20 FEET, A SECOND GATE VALVE SHALL BE INSTALLED WITHIN 2 FEET OF THE MAIN.
- ANY DEVIATIONS FROM THE CRITERIA ABOVE REQUIRE A WRITTEN RECOMMENDATION FROM THE ENGINEER-OF-RECORD AND WRITTEN APPROVAL BY PSLUSD.

	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>FIRE HYDRANT ASSEMBLY</b>	DETAIL: W-06 DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 1
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**NOTES:**

- AIR VALVE, PIPING AND APPURTENANCES SHALL BE IN ACCORDANCE WITH PSLUSD UTILITY STANDARDS.
- THE AIR VALVE SHALL BE SIZED BY THE ENGINEER-OF-RECORD (EOR) BASED ON MANUFACTURER'S RECOMMENDATION. THE EOR SHALL CONSULT WITH THE PSLUSD REGARDING THE TYPE OF THE VALVE TO BE USED AND LOCATION.
- AT THE DIRECTION OF THE PSLUSD, BOLLARDS MAY BE REQUIRED TO PREVENT DAMAGE FROM ACCIDENTS. REFER TO DETAIL G-15 FOR BOLLARD INSTALLATION.

	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>AUTOMATIC AIR RELEASE VALVE FOR WATER MAINS</b>	DETAIL: W-10 DATE: 2019 SCALE: N.T.S. SHEET: 1 OF 1
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PSLUSD PROJECT NO. 5360C  
CITY OF PSL PROJECT NO. P21-059

STEFAN K. MATTHEWS, P.E.  
FL. REG. NO. 38723

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**NOTES:**  
1) ALL ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988.

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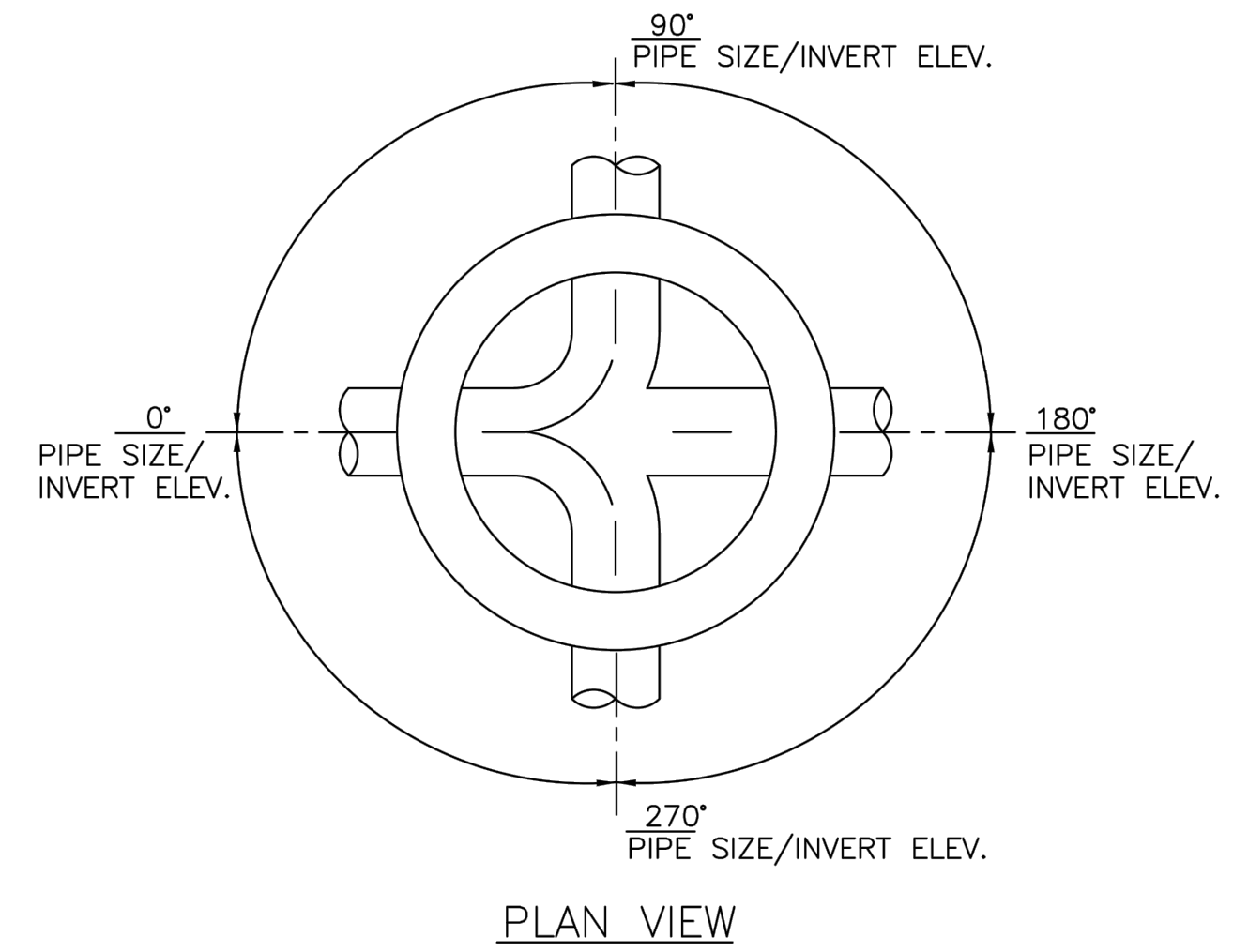
**CULPEPPER & TERPENING INC**  
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- REVISIONS -		BY	DATE

DESIGNED	BY	DATE
CALCS.		
DRAWN	DRP	03/10/21

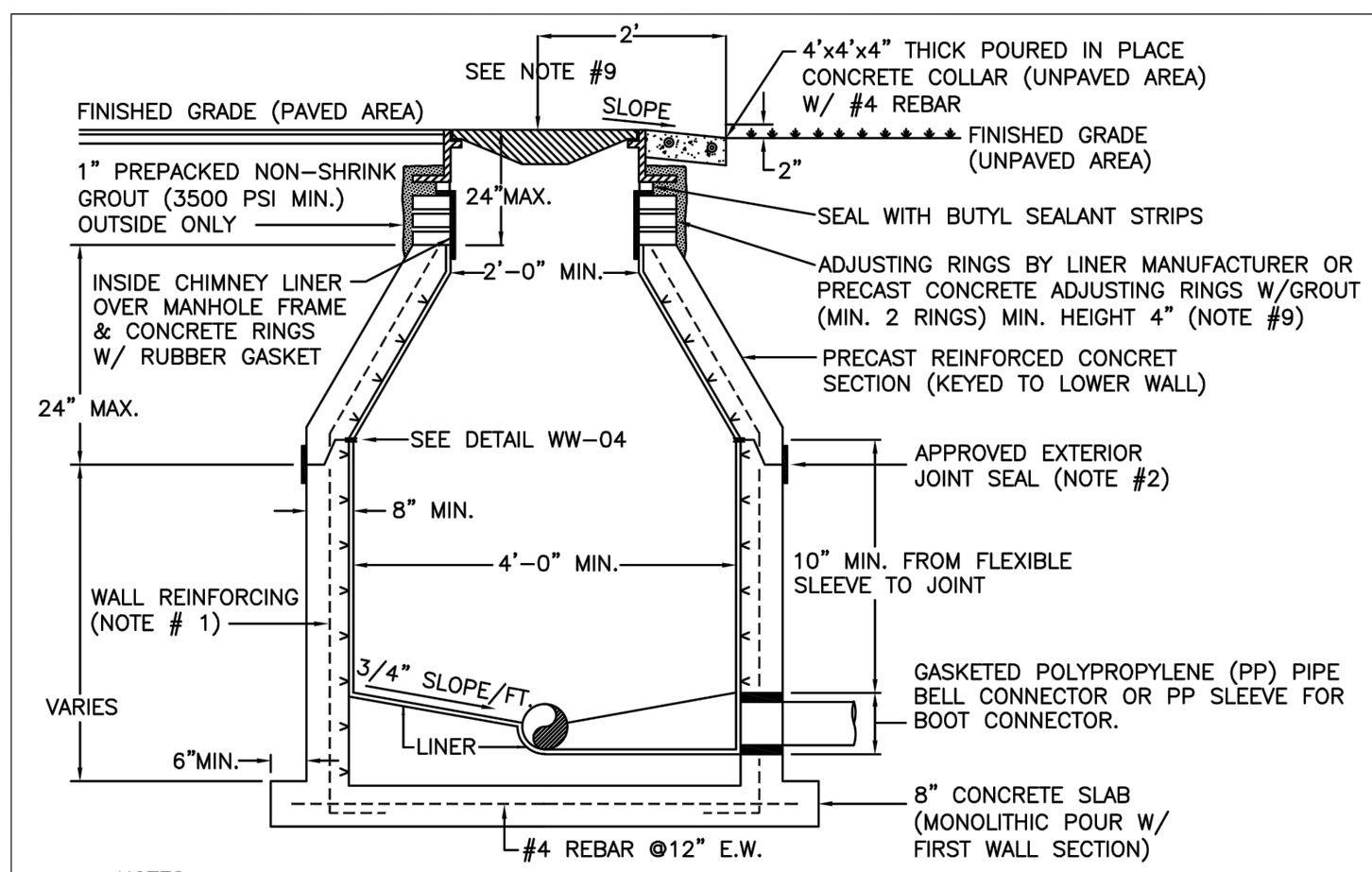
**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**  
**UTILITY DETAILS**

DATE: 04/02/2021
HORIZ. SCALE: SCALE
VERT. SCALE: SCALE
JOB No. 21-020
SHEET 11 of 14



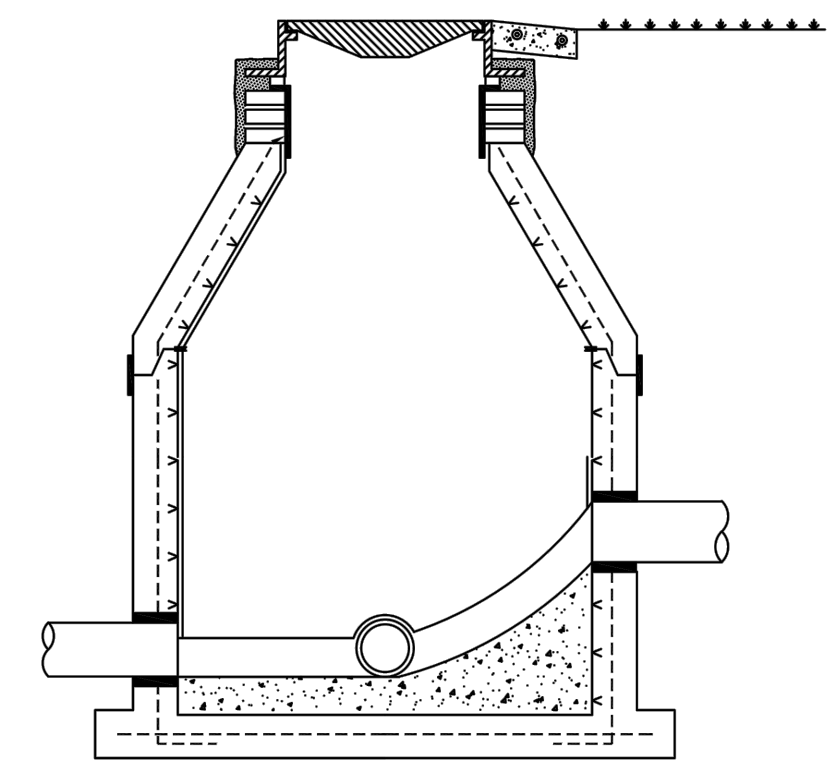
- NOTES:**
1. THE ENGINEER-OF-RECORD SHALL SUBMIT TO PSLUSD THE SHOP DRAWINGS FOR EACH STRUCTURE, PROVIDING THE DIAMETER OF EACH PIPE, INVERT ELEVATION OF EACH PIPE, RIM ELEVATION AND THE NUMBER OF DEGREES BETWEEN PIPES. (15 DEGREE INCREMENTS IF POSSIBLE)
  2. MANHOLE INTERIOR SHALL BE LINED UTILIZING A CORROSION BARRIER SYSTEM. LISTED ON THE PSLUSD QUALIFIED PRODUCT LIST.
  3. MANHOLE EXTERIOR SHALL BE COATED WITH A PRIMER AND TWO COATS OF A WATER BASED EPOXY 3-5 MILS EACH PER THE PSLUSD SPECIFICATIONS. APPLICATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION.

	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>INVERT FLOW CHANNELS FOR MANHOLES</b>	DETAIL: WW-01
			DATE: 2019
			SCALE: N.T.S.
			SHEET: 1 OF 1



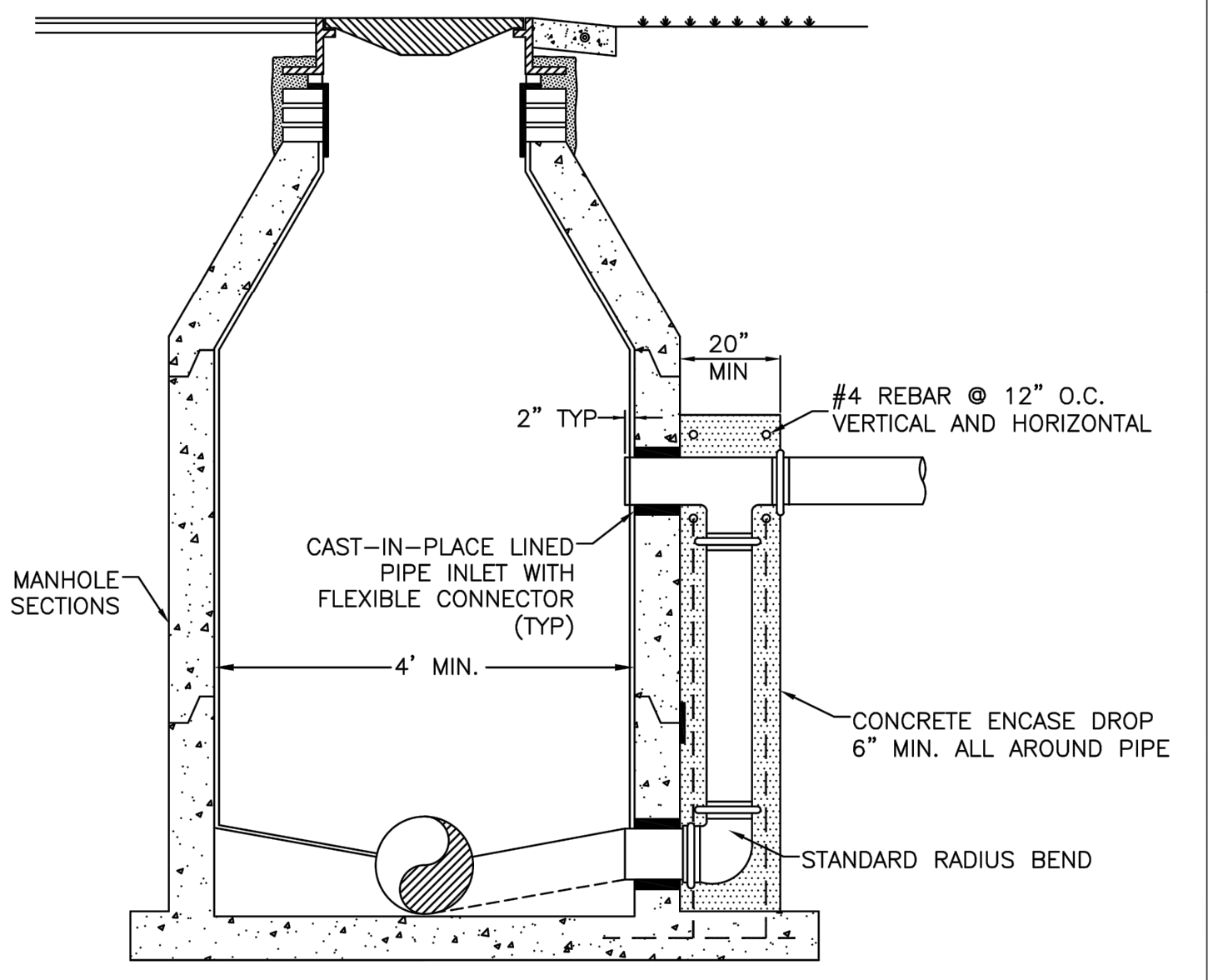
- NOTES:**
1. MANHOLE FABRICATION SHALL BE IN ACCORDANCE W/ ASTM C-478, LATEST REVISION.
  2. SEALANT SHALL BE APPLIED PER MANUFACTURER'S SPECIFICATION BETWEEN MANHOLE SECTIONS & AT ALL JOINTS (SEE DETAIL WW-04). ALSO AN APPROVED EXTERNAL JOINT SEAL MAY BE APPLIED AT THE JOINTS. (EXTERNAL JOINT SEAL IS OPTIONAL)
  3. ALL PIPE OPENINGS SHALL BE GAS AND WATER TIGHT WITH NO EXPOSED CONCRETE SURFACES.
  4. CAST OPENINGS SHALL BE MANUFACTURED WITH PRECAST HOLE W/ CAST-IN LINER SLEEVE SIZED FOR APPROPRIATE PIPE AND FLEXIBLE CONNECTOR. APPROVED FLEXIBLE MANHOLE CONNECTORS SHALL BE USED AT PIPE CONNECTIONS. HOLE SIZE PER BOOT MANUFACTURER'S SPECIFICATIONS. DOUBLE STAINLESS STEEL PIPE CLAMPS MUST BE INSTALLED ON THE FLEXIBLE SLEEVES WHERE REQUIRED BY BOOT MANUFACTURER'S INSTALLATION INSTRUCTIONS.
  5. FLOW CHANNELS SHALL BE CONSTRUCTED TO DIRECT FLOW INTO FLOW STREAM (SEE DETAIL WW-01).
  6. LIFT HOLES ARE PERMITTED BUT MUST BE GROUTED ONCE MANHOLE IS IN PLACE.
  7. MANHOLE AND BASE WILL BE LINED INSIDE WITH AN APPROVED LINER SYSTEM.
  8. AN APPROVED COVER & FRAME SHALL BE PROVIDED. APPROVED INSIDE MANHOLE CHIMNEY SEALANT SHALL BE APPLIED OVER THE MANHOLE FRAME, CONCRETE RINGS, AND LINER SECTION IN ACCORDANCE WITH THE SPECIFICATIONS.
  9. MAXIMUM HEIGHT OF CHIMNEY SHALL NOT EXCEED 24 INCHES INCLUDING FRAME CASTING.
- CONT. ON SHEET 2 OF 2

	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>STANDARD PRECAST MANHOLE</b>	DETAIL: WW-02
			DATE: 2019
			SCALE: N.T.S.
			SHEET: 1 OF 2



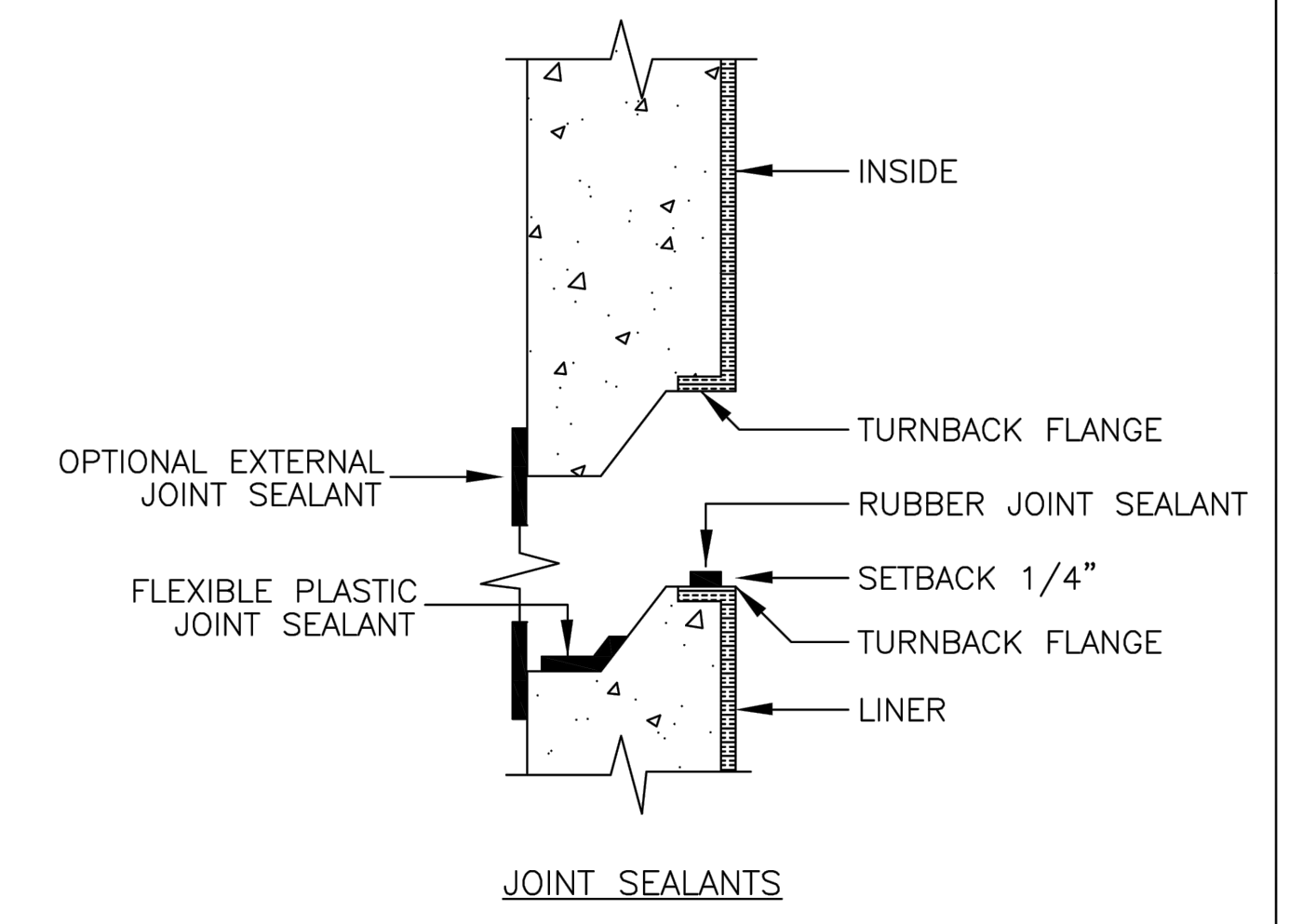
- NOTES:**
10. EXCAVATION, DEWATERING, BACKFILL & COMPACTION SHALL BE CONDUCTED IN ACCORDANCE W/ THE PSLUSD UTILITY STANDARDS. DENSITY TESTS SHALL BE PERFORMED AND SUBMITTED AS REQUIRED.
  11. THE MANHOLE BASE SHALL BE CONSTRUCTED AS SHOWN IN THIS DETAIL WHERE THE DROP IN INVERT EXCEEDS 0.1' BUT IS LESS THAN 2'. FOR DROPS 2' OR GREATER A DROP CONNECTION PER DETAIL WW-03 SHALL BE USED.
  12. THE MANHOLE SHALL BE CONSTRUCTED AS SHOWN IN THIS DETAIL WHERE THE DROP IN INVERT EXCEEDS 0.1' BUT LESS THAN 2'. FOR DROPS 2' OR GREATER A DROP CONNECTION PER DETAIL WW-03 SHALL BE USED.

	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>STANDARD PRECAST MANHOLE (DROP)</b>	DETAIL: WW-02
			DATE: 2019
			SCALE: N.T.S.
			SHEET: 2 OF 2



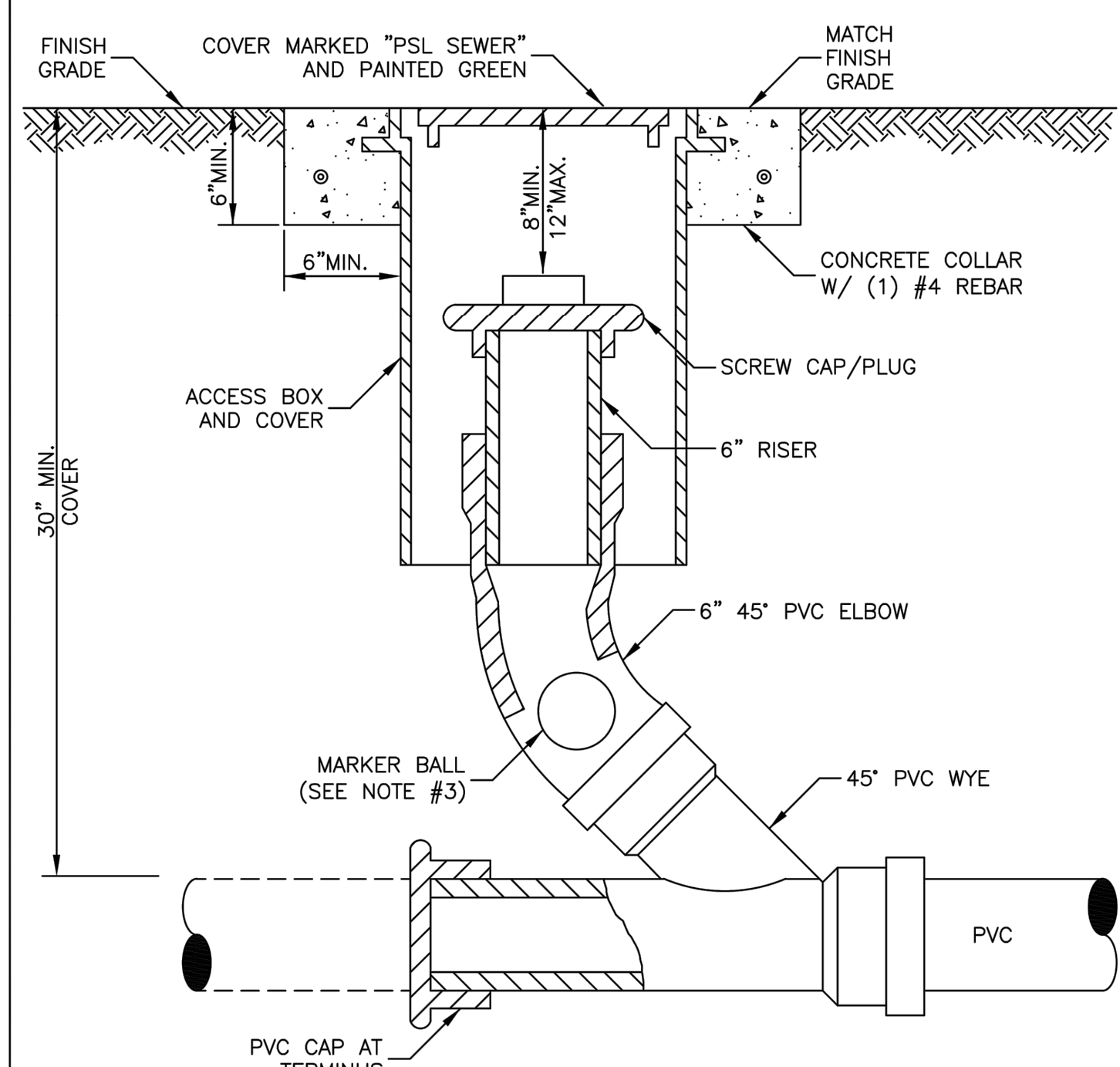
- NOTES:**
1. A DROP CONNECTION IS REQUIRED WHENEVER AN INFLUENT INVERT IS LOCATED 2' OR HIGHER THAN THE DOWNSTREAM INVERT CHANNEL. MANHOLES WITH A DROP 2.0 FEET OR LESS SHALL BE IN ACCORDANCE WITH DETAIL WW-02.
  2. MANHOLE CONSTRUCTION SHALL BE IN ACCORDANCE WITH DETAIL WW-02.
  3. PVC SDR 26 PIPE WITH PVC SDR 26 FITTINGS SHALL BE UTILIZED IN THE DROP ASSEMBLY.

	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>OUTSIDE DROP MANHOLE</b>	DETAIL: WW-03
			DATE: 2019
			SCALE: N.T.S.
			SHEET: 1 OF 1



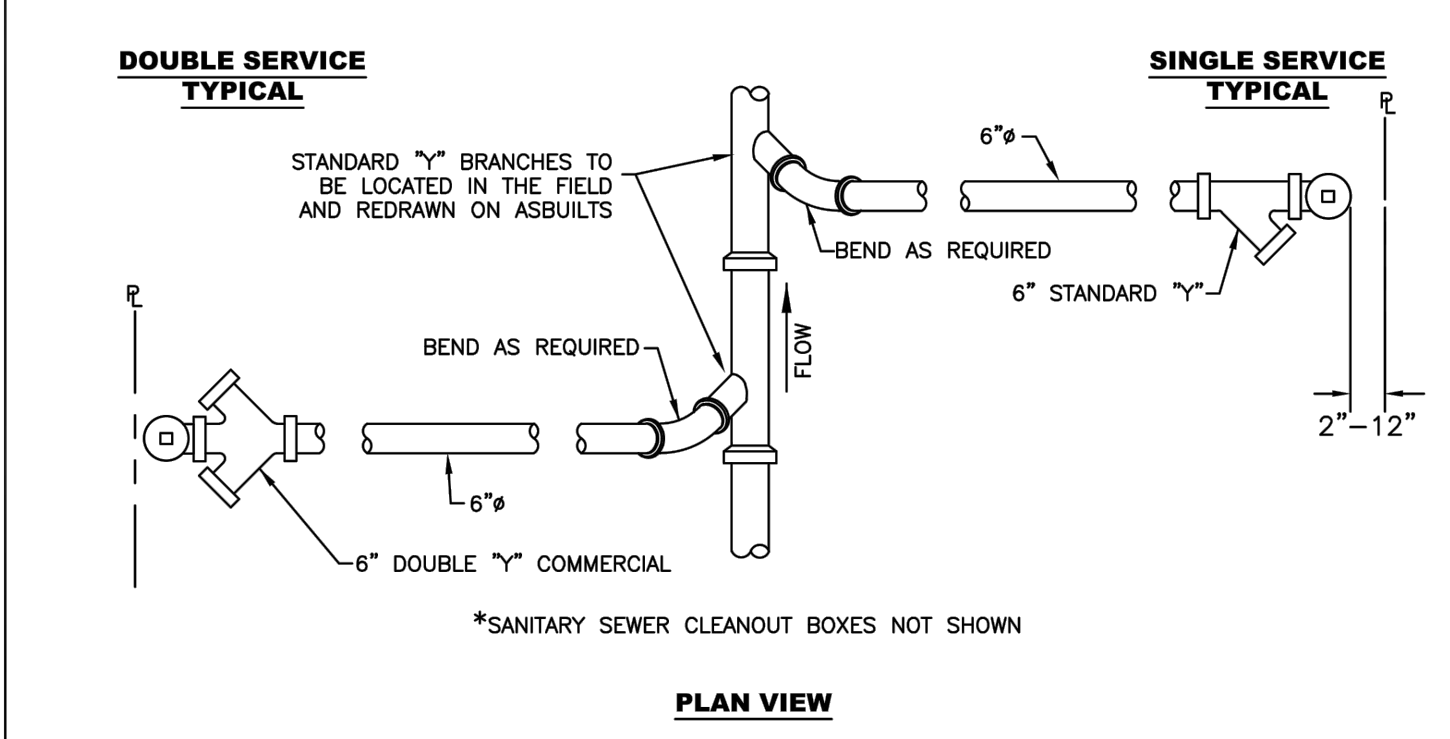
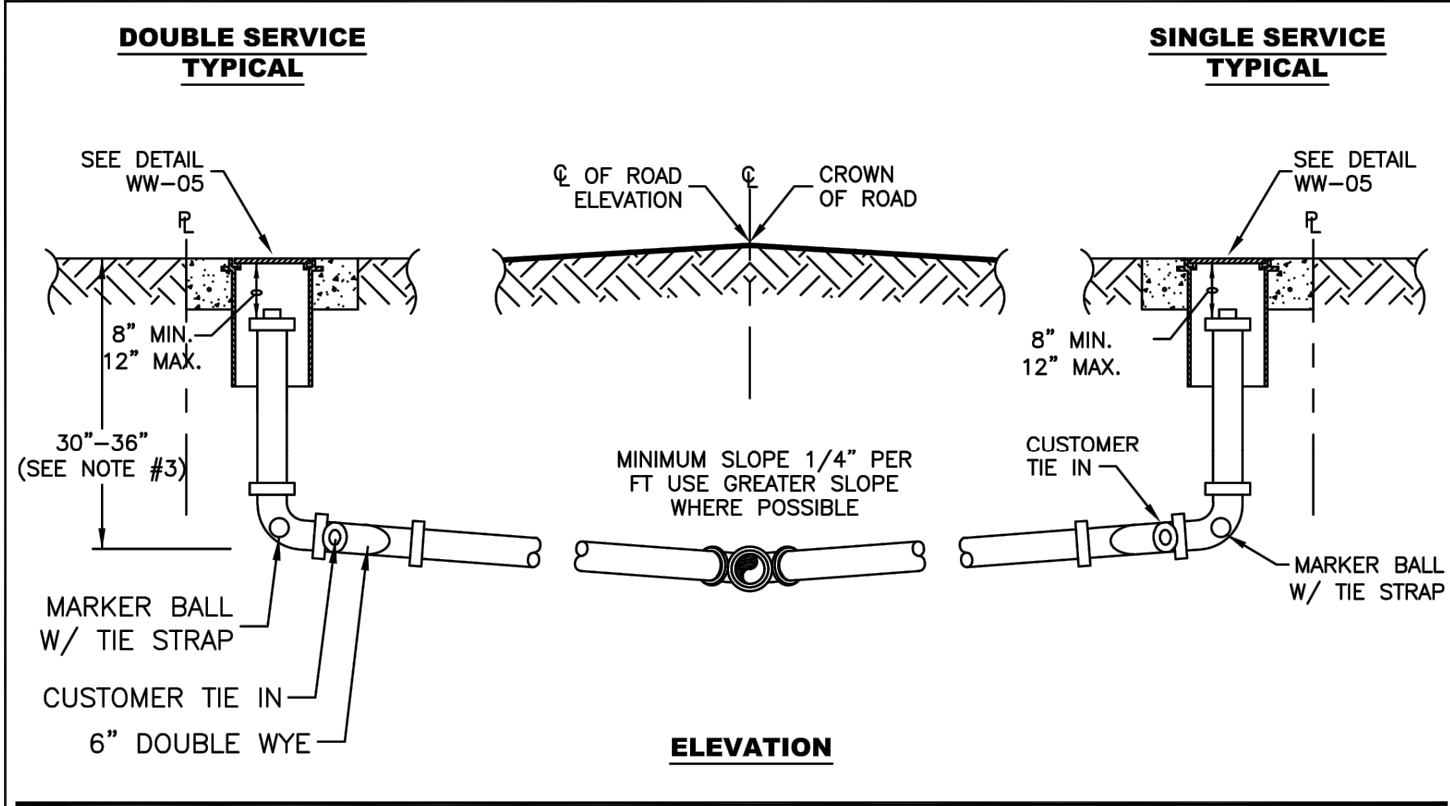
- NOTES:**
1. APPROVED JOINT SEALANTS SHALL BE USED.
  2. WELDED CAP STRIPS AT JOINTS OR WELDED JOINTS MAY BE ACCEPTABLE IF APPROVED IN WRITING BY PSLUSD.

	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>MANHOLE / WETWELL JOINT DETAIL</b>	DETAIL: WW-04
			DATE: 2019
			SCALE: N.T.S.
			SHEET: 1 OF 1



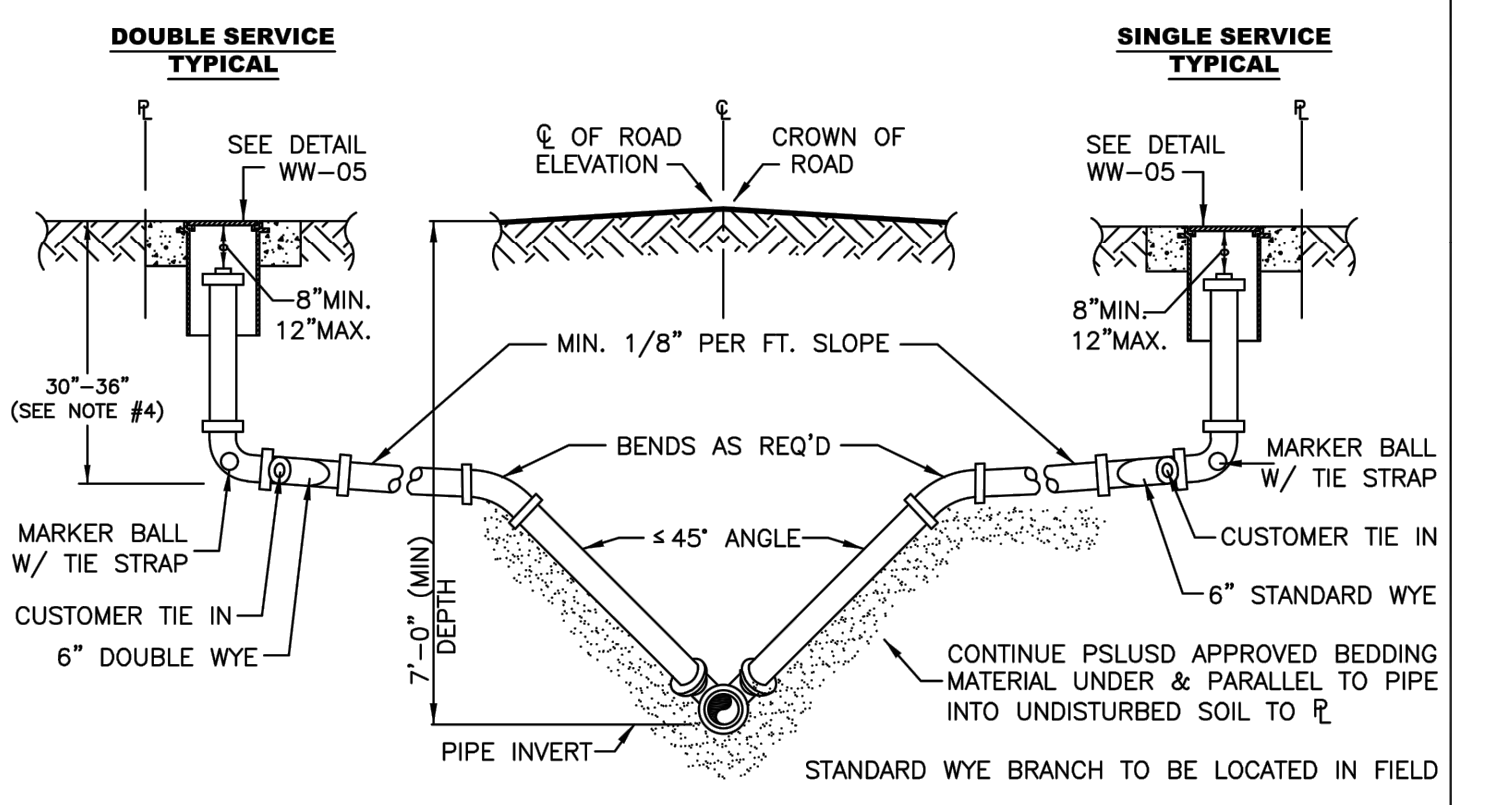
- NOTES:**
1. AN ACCESS BOX AND COVER SHALL BE USED.
  2. CLEANOUT ASSEMBLY SHALL BE INSTALLED AT A MAXIMUM 75' INTERVALS AND AT TERMINAL POINT OF THE PSLUSD RESPONSIBILITY. THE LOCATION SHALL BE IN ACCORDANCE WITH THE PSLUSD UTILITY STANDARDS.
  3. MARKER BALL SHALL BE STRAPPED TO THE ELBOW.

	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>SANITARY SEWER CLEANOUT</b>	DETAIL: WW-05
			DATE: 2019
			SCALE: N.T.S.
			SHEET: 1 OF 1



- NOTES:**
1. SANITARY SEWER LATERALS SHALL BE 6" IN DIAMETER.
  2. THE ENGINEER OF RECORD SHALL ENSURE THAT THE PROPOSED PLUMBING STUB-OUT ELEVATION FOR EACH BUILDING WILL ALLOW FOR A GRAVITY CONNECTION TO THE SANITARY SEWER LATERAL WITH THE REQUIRED SLOPE. HORIZONTAL AND VERTICAL SEPARATION SHALL BE MAINTAINED AS REQUIRED IN THE UTILITY STANDARDS MANUAL.

	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>SANITARY SEWER LATERAL (SHALLOW)</b>	DETAIL: WW-06
			DATE: 2019
			SCALE: N.T.S.
			SHEET: 1 OF 1



- NOTES:**
1. PSLUSD APPROVED BEDDING MATERIAL SHALL BE USED FOR EXCAVATION BACK FILL.
  2. LOCATE MARKER BALL WITH TIE STRAPS TO BE ATTACHED TO 6" ELBOW.
  3. THE ENGINEER OF RECORD SHALL ENSURE THAT THE PROPOSED PLUMBING STUB-OUT ELEVATION FOR EACH BUILDING WILL ALLOW FOR A GRAVITY CONNECTION TO THE SANITARY SEWER LATERAL WITH THE REQUIRED SLOPE. HORIZONTAL AND VERTICAL SEPARATION SHALL BE MAINTAINED AS REQUIRED IN THE UTILITY STANDARDS MANUAL.

	MINIMUM CONSTRUCTION STANDARDS FOR CITY OF PORT ST. LUCIE 900 S.E. OGDEN LANE PORT ST. LUCIE, FL 34983 PHONE (772) 873-6400 FAX (772) 873-6433	<b>SANITARY SEWER LATERAL (DEEP)</b>	DETAIL: WW-07
			DATE: 2019
			SCALE: N.T.S.
			SHEET: 1 OF 1

PSLUSD PROJECT No. 5360C  
CITY OF PSL PROJECT No. P21-059

STEFAN K. MATTHEWS, P.E.  
FL. REG. NO. 38723



**NOTES:**  
1) ALL ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988.

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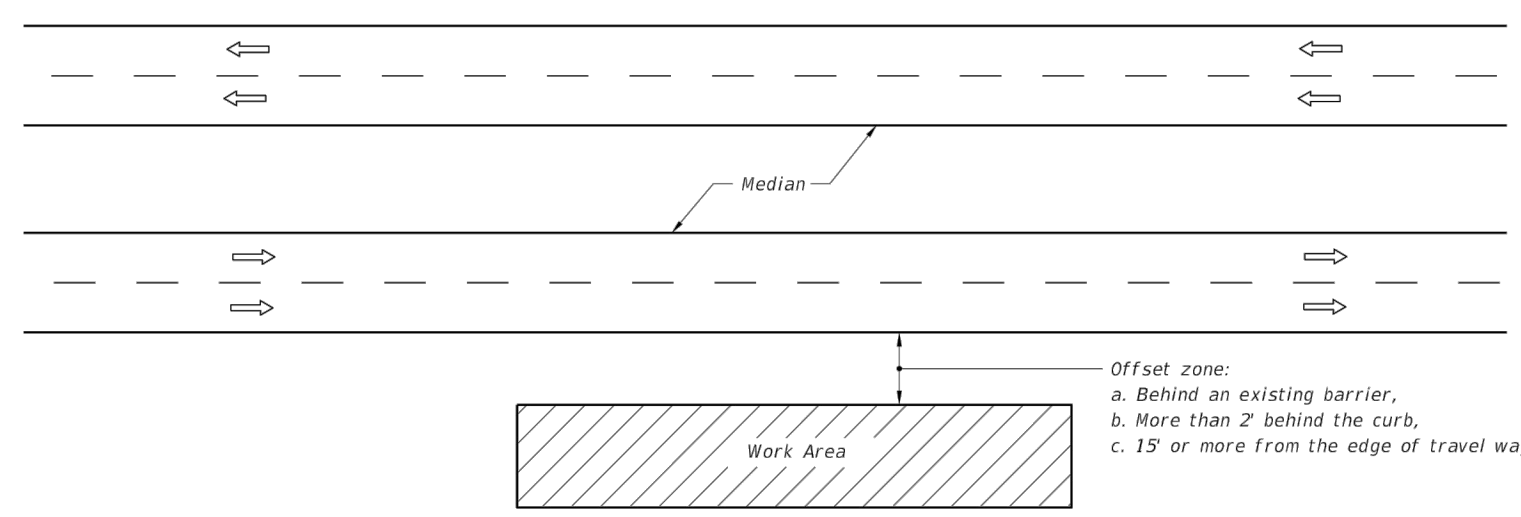
- REVISIONS -		BY	DATE

DESIGNED	BY	DATE

**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**  
**UTILITY DETAILS**

DATE: 04/02/2021  
HORIZ. SCALE: SCALE  
VERT. SCALE: SCALE  
JOB No. 21-020  
SHEET 12 of 14

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Offset zone:  
 a. Behind an existing barrier,  
 b. More than 2' behind the curb,  
 c. 15' or more from the edge of travel way.

**GENERAL NOTES**

- If the work operation (excluding establishing and terminating the work area), requires that two or more work vehicles cross the offset zone in any one hour, traffic control will be in accordance with Index 102-612.
- No special signing is required.
- This index also applies when work is being performed on a multilane undivided highway.
- This index also applies to work performed in the median behind an existing barrier or more than 15' from the edge of travel way, both roadways. Work performed in the median behind curb and gutter shall be in accordance with Index 102-612.
- When a side road intersects the highway within the work area, additional traffic control devices shall be placed in accordance with other applicable TCZ Indexes.
- When construction activities encroach on a sidewalk, refer to Index 102-660.
- For general TCZ requirements and additional information, refer to Index 102-600.

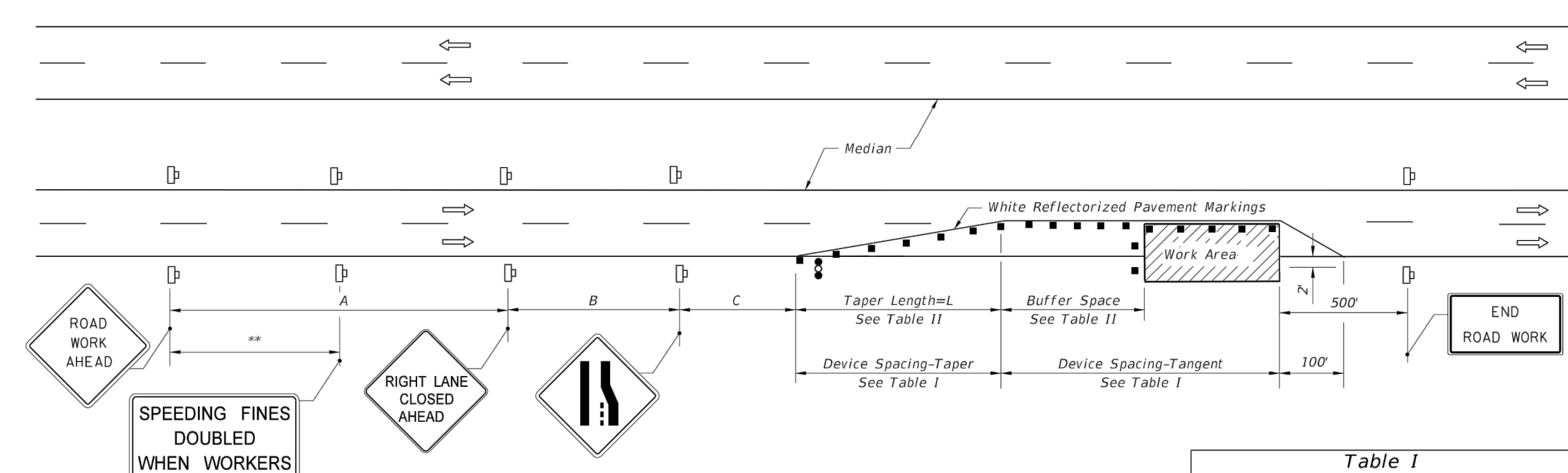
**SYMBOLS**

- Work Area
- Channelizing Device + Direction of Traffic

**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUSH ON THE LANE ADJACENT TO EITHER SHOULDER AND THE AREA 2' OUTSIDE THE EDGE OF TRAVEL WAY.

LAST REVISION 11/01/17	DESCRIPTION:	FY 2020-21 STANDARD PLANS	MULTILANE, WORK OUTSIDE SHOULDER	INDEX 102-611	SHEET 1 of 1
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**Table II**  
Buffer Space and Taper Length

Speed (mph)	Buffer Space			Taper Length (12' Lateral Transition)		Notes (Merge)
	Dist. (ft.)	L (ft.)	Notes (Merge)	L (ft.)	Notes (Merge)	
25	155	125				L = WS* 60
30	200	180				
35	250	245				
40	305	320				
45	360	400				
50	425	500				L = WS
55	495	600				
60	570	720				
65	645	840				
70	730	960				

**Table I**  
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)			
	Type I or Type II Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

**GENERAL NOTES**

- Work operations shall be confined to one traffic lane, leaving the adjacent lane open to traffic.
- On undivided highways the median signs as shown are to be omitted.
- When work is performed in the median lane on divided highways, the channelizing device plan is inverted and left lane closed and lane ends signs substituted for the right lane closed and lane end signs.
- The same applies to undivided highways with the following exceptions:  
 a. Work shall be confined within one median lane.  
 b. Additional barricades, cones, or drums shall be placed along the centerline abutting the work area and across the trailing end of the work area.
- When work on undivided highways occurs across the centerline so as to encroach on both median lanes, the inverted plan is applied to the approach of both roadways.
- Signs and traffic control devices are to be modified in accordance with INTERMITTENT WORK STOPPAGE details (sheet 2 of 2) when no work is being performed and the highway is open to traffic.
- The two channelizing devices directly in front of the work area may be omitted providing vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
- When paved shoulders having a width of 8 ft. or more are closed, channelizing devices shall be used to close the shoulder in advance of the merging taper to direct vehicular traffic to remain within the travel way. See Index 102-612 for shoulder taper formulas.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
- This TCZ plan does not apply when work is being performed in the middle lane(s) of a six or more lane highway. See Index 102-614.
- For general TCZ requirements and additional information, refer to Index 102-600.

**DURATION NOTES**

- Temporary white edgeline may be omitted for work operations less than 3 consecutive calendar days.
- For work operations up to approximately 15 minutes, signs, channelizing devices, arrow board, and buffer space may be omitted if all of the following conditions are met:  
 a. Speed limit is 45 mph or less.  
 b. No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space and the taper length combined.  
 c. Volume and complexity of the roadway has been considered.  
 d. The closed lane is occupied by a class 5 or larger, medium duty truck(s) with a minimum gross weight vehicle rating (GVWR) of 16,001 lb with high-intensity, rotating, flashing, oscillating, or strobe lights mounted above the cab height and operating.
- For work operations up to 60 minutes, arrow board and buffer space may be omitted if conditions a, b, and c in DURATION NOTE 2 are met, and vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUSH ON THE LANE ADJACENT TO EITHER SHOULDER AND THE AREA 2' OUTSIDE THE EDGE OF TRAVEL WAY.

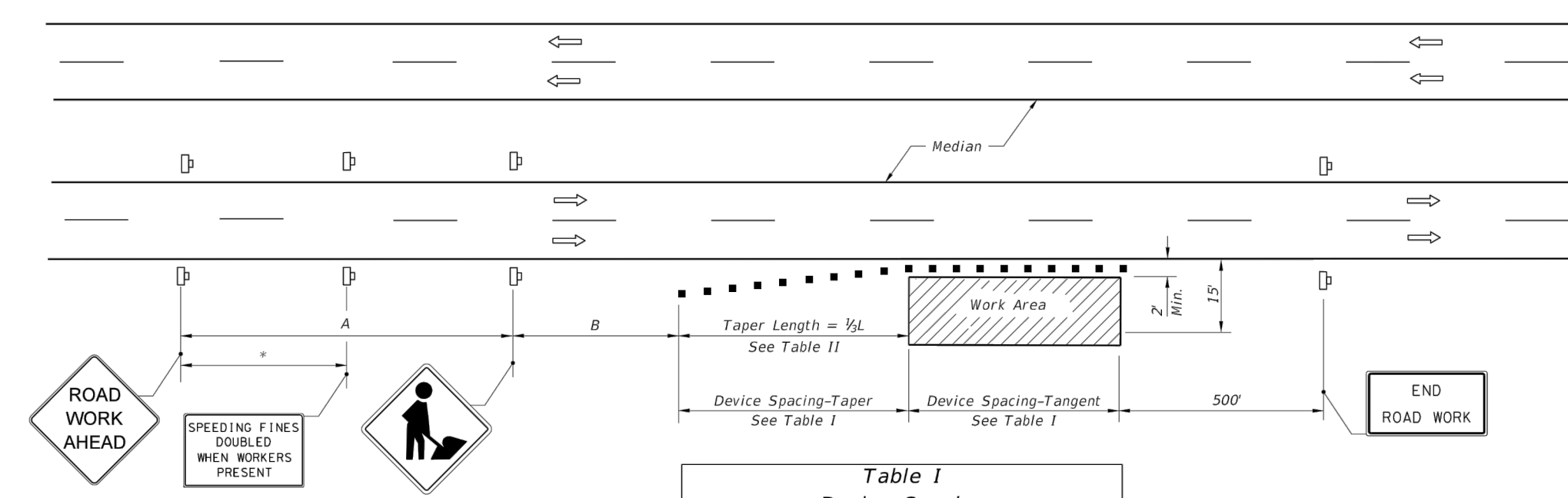
**DISTANCE BETWEEN SIGNS**

Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350
50 mph	500	500	500
*55 mph or greater	2640	1640	1000

**SYMBOLS**

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Advance Warning Arrow Board

LAST REVISION 11/01/17	DESCRIPTION:	FY 2020-21 STANDARD PLANS	MULTILANE, WORK WITHIN TRAVEL WAY MEDIAN OR OUTSIDE LANE	INDEX 102-613	SHEET 1 of 2
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**Table I**  
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)			
	Type I or Type II Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

**DISTANCE BETWEEN SIGNS**

Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350
50 mph or greater	500	500	500

\* 250' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

**GENERAL NOTES**

- When a high volume of work vehicles are entering and leaving the Work Area at speeds slower than 10 MPH below the posted speed, place an M07-S-06 sign in the ROAD WORK AHEAD sign location and shift the ROAD WORK AHEAD sign upstream 500 ft.
- This TCZ plan also applies to work performed in the median more than 2' but less than 15' from the edge of travelway.
- When work is being performed on a multilane undivided roadway the signs normally mounted in the median (as shown) shall be omitted.
- WORKERS signs to be removed or fully covered when no work is being performed.
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
- For general TCZ requirements and additional information, refer to Index 102-600.

**DURATION NOTES**

- Signs and channelizing devices may be omitted if all of the following conditions are met:  
 a. Work operations are 60 minutes or less.  
 b. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

**Table II**  
Taper Length - Shoulder

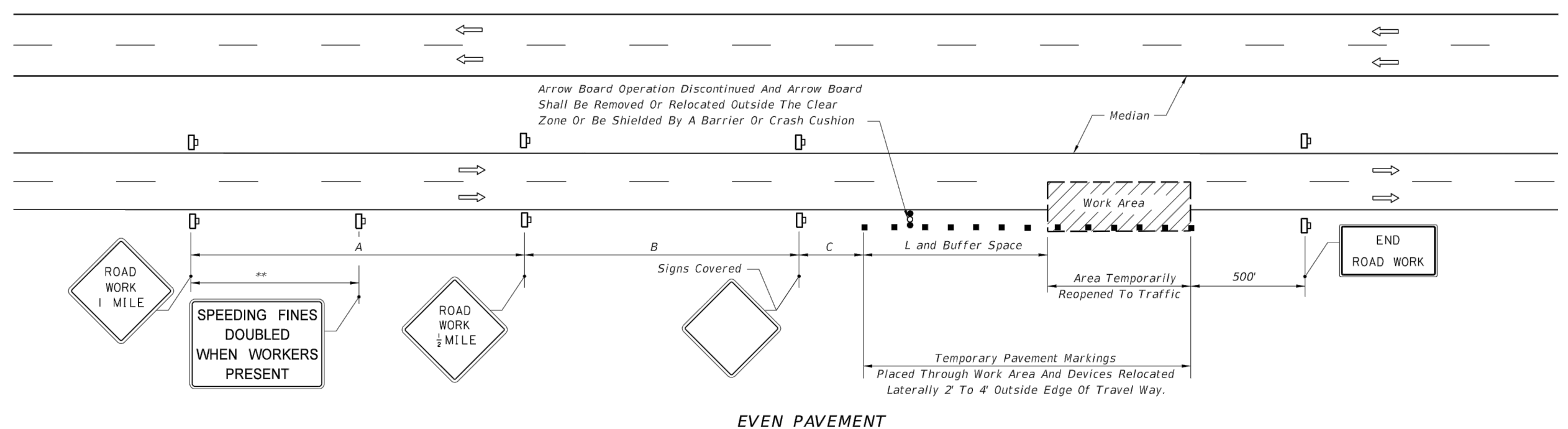
Speed (mph)	L (ft.)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	L = WS* 60
30	40	50	60	
35	55	68	82	L = WS
40	72	90	107	
45	120	150	180	L = WS
50	132	167	200	
55	147	183	220	L = WS
60	160	200	240	
65	173	217	260	L = WS
70	187	233	280	

8' minimum shoulder width.  
 L = Length of shoulder taper in feet  
 W = Width of total shoulder in feet (combined paved and unpaved width)  
 S = Posted speed limit (mph)

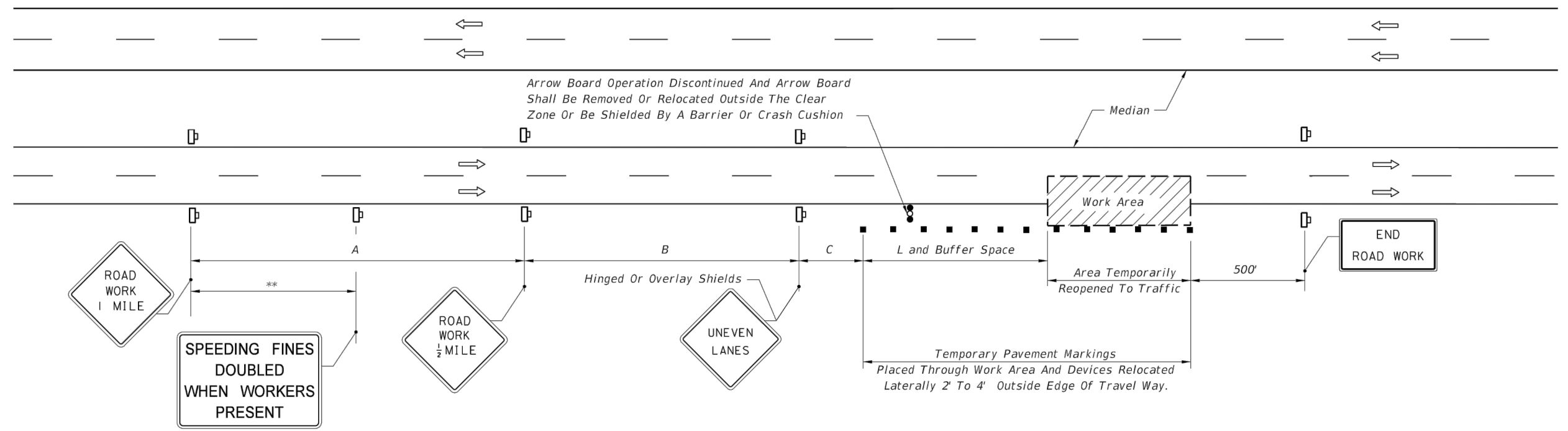
**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUSH ON THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.

LAST REVISION 11/01/17	DESCRIPTION:	FY 2020-21 STANDARD PLANS	MULTILANE, WORK ON SHOULDER	INDEX 102-612	SHEET 1 of 1
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**EVEN PAVEMENT**



**UNEVEN PAVEMENT**

**INTERMITTENT WORK STOPPAGE - LANE REOPENED TO TRAFFIC**

LAST REVISION 11/01/17	DESCRIPTION:	FY 2020-21 STANDARD PLANS	MULTILANE, WORK WITHIN TRAVEL WAY MEDIAN OR OUTSIDE LANE	INDEX 102-613	SHEET 2 of 2
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PSLUSD PROJECT NO. 5360C  
 CITY OF PSL PROJECT NO. P21-059

STEFAN K. MATTHEWS, P.E.  
 FL. REG. NO. 38723



NOTES:  
 1) ALL ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988.

COMPUTER FILE REF.	FIELD BK./PG.

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 STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

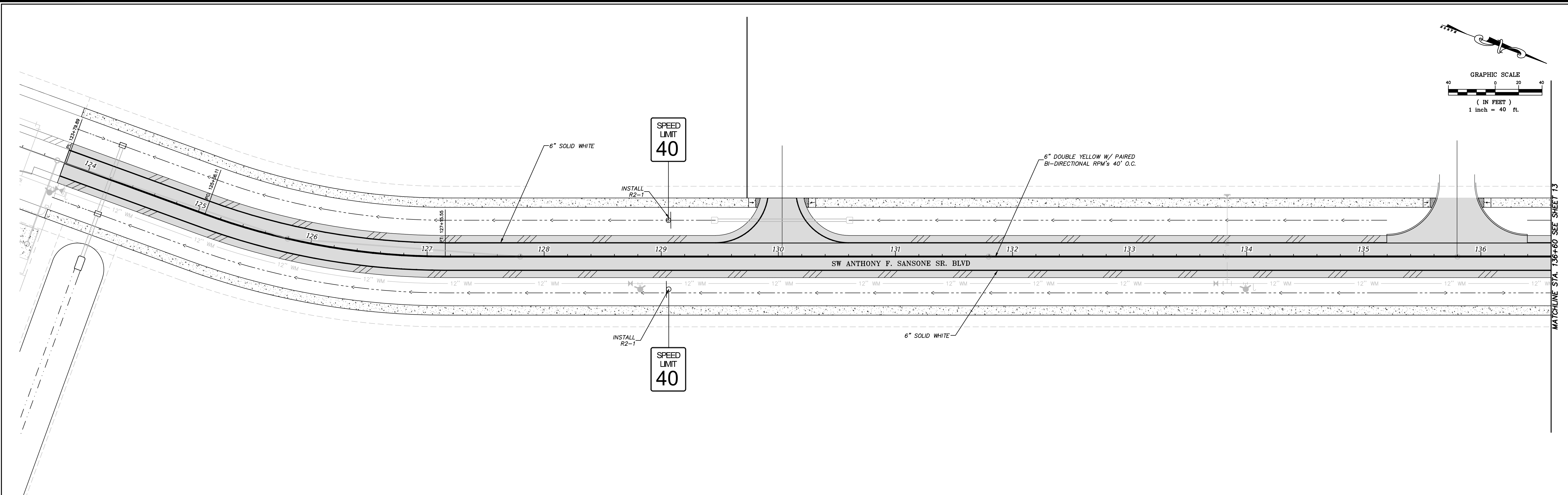
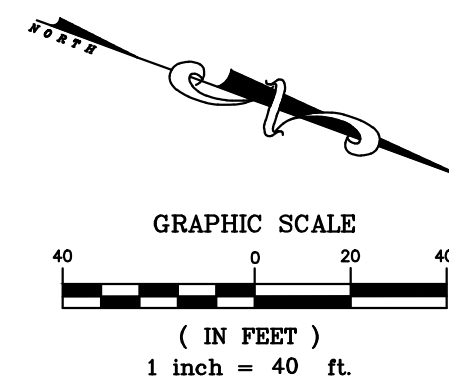
**- REVISIONS -**

NO.	BY	DATE

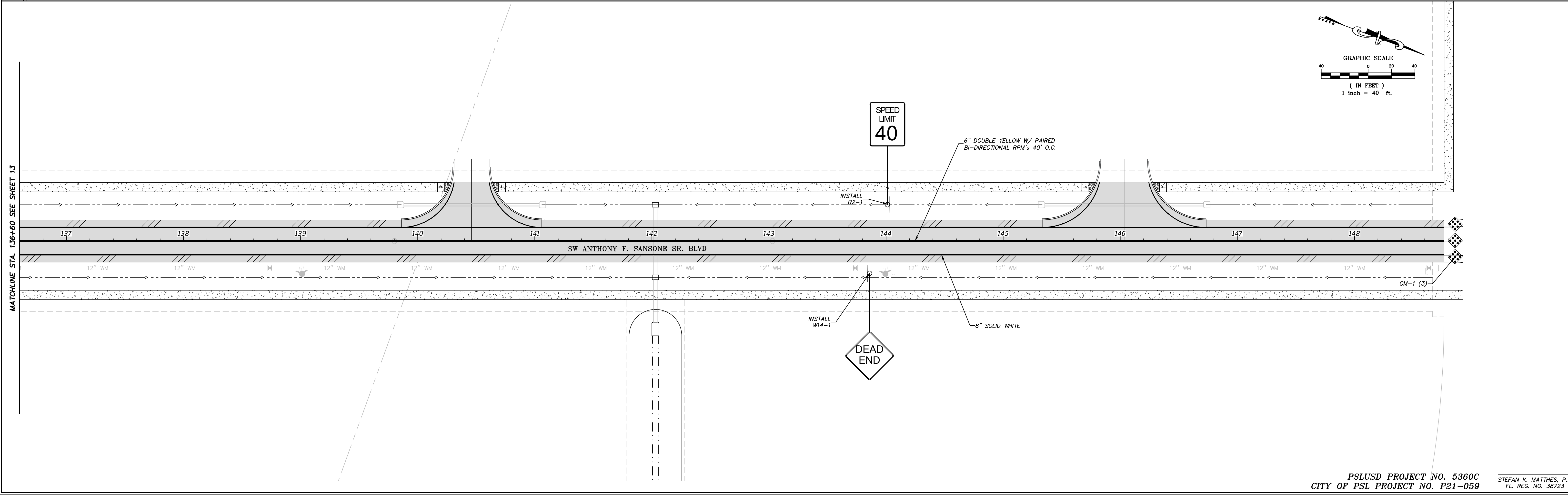
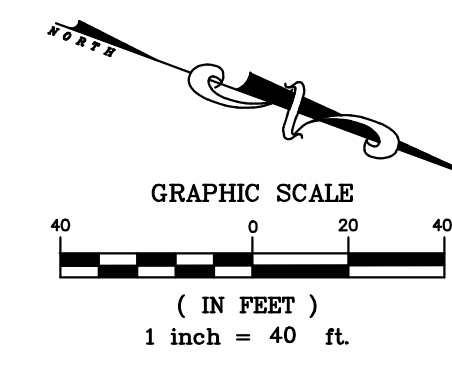
DESIGNED	BY	DATE
CALCS.		
DRAWN	DRP	03/10/21
DETAILED		
CHECKED		
APPROVED		

**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**  
**TEMPORARY TRAFFIC CONTROL PLANS**

DATE: 04/02/2021  
 HORIZ. SCALE: SCALE  
 VERT. SCALE: SCALE  
 JOB No. 21-020  
 SHEET 13 of 14



MATCHLINE STA. 136+60 SEE SHEET 13



MATCHLINE STA. 136+60 SEE SHEET 13

PSLUSD PROJECT NO. 5360C  
CITY OF PSL PROJECT NO. P21-059

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- REVISIONS -		BY	DATE

	BY	DATE
DESIGNED		
CALCS.		
DRAWN	DRP	03/10/21
DETAILED		
CHECKED		
APPROVED		

**SW ANTHONY F. SANSONE SR. BLVD. EXTENSION**  
**SIGNING AND PAVEMENT MARKING PLAN**

DATE: 04/02/2021  
HORIZ. SCALE: 1"=40'  
VERT. SCALE: N/A  
JOB No. 21-020  
SHEET 14 of 14

P:\Proj-2021\21-020 Arco - SW Anthony Sansone (Phase 1)\Eng\21.020 Marking.dwg Plotted: 4/2/2021 3:15 PM By: DONNIE PINKERTON