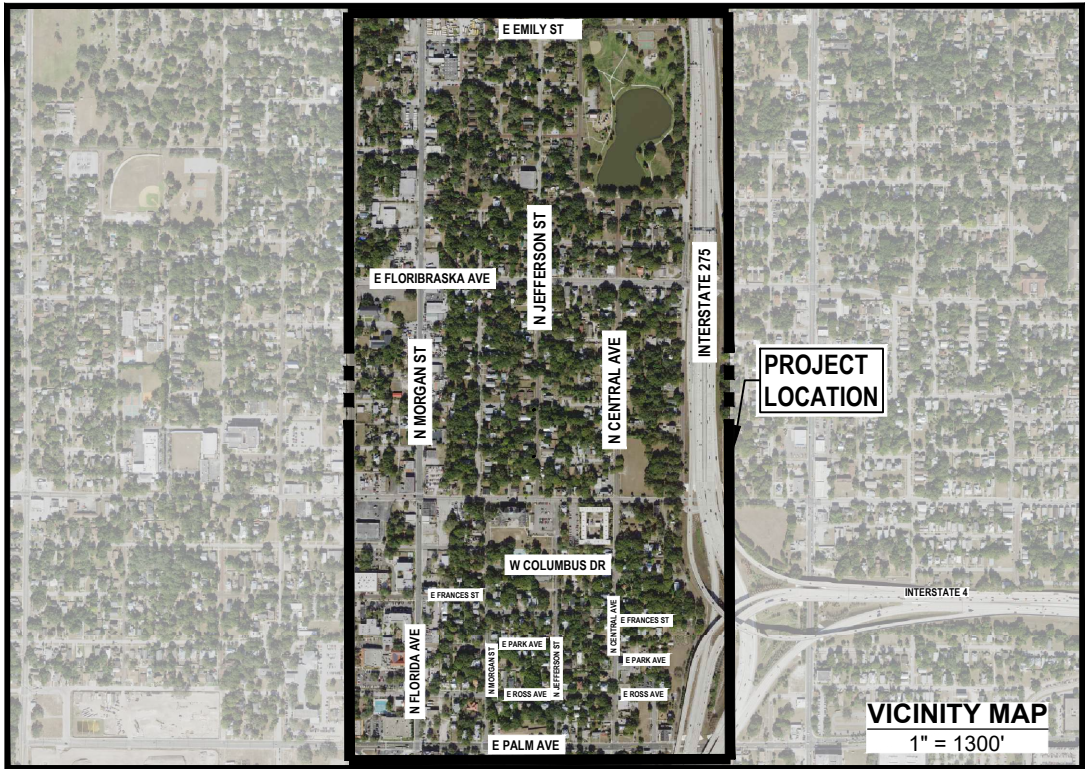
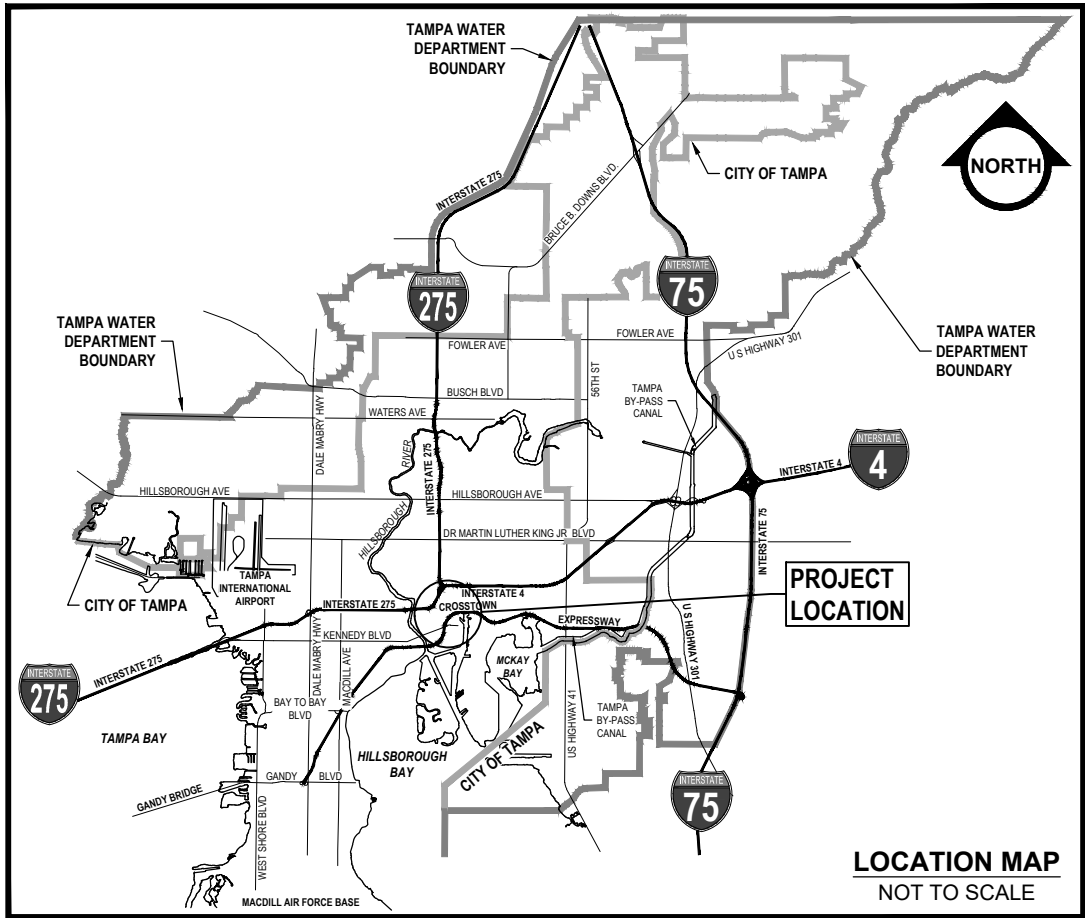


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Water Department

PLANS FOR:

JEFFERSON WATER MAIN IMPROVEMENT

TAMPA WATER DEPARTMENT
WORK ORDER NO. :
WTR-21-0015

INDEX

DESCRIPTION

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2	GENERAL NOTES & KEY PLAN
3	STRUCTURE DATA TABLE
3A	PROPOSED HYDRANT LOCATION
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22-28	DETAILS



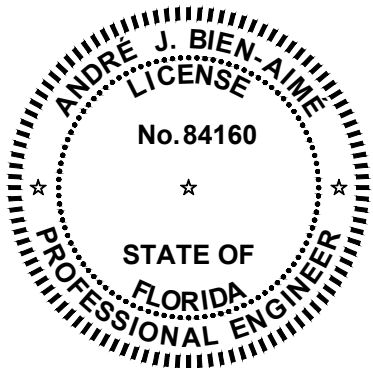
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ON THE DATE ADJACENT TO THE SEAL

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ANDRÉ J. BIEN-AIMÉ, P.E.
CITY OF TAMPA WATER DEPT.
711 E. HENDERSON AVE.
TAMPA, FLA. 33602
P.E. #84160

REV NO.	DATE	DESCRIPTION	BY	DESIGNED	NP
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DATE 08/21/2025

JEFFERSON WATER MAIN IMPROVEMENT

COVER SHEET



100% PLANS

WORK ORDER NO. WTR-21-0015

RECORD DWG. NO.

ATLAS PAGE G12/H12 SHEET 1 OF 28

CITY OF TAMPA GENERAL NOTES

1.

ALL WATER WORK FOR THE CITY OF TAMPA (CITY) SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT'S TECHNICAL SPECIFICATIONS, CONSTRUCTION DETAILS, AND THE TAMPA WATER DEPARTMENT TECHNICAL MANUAL (LATEST EDITION). IN THE EVENT OF A DISCREPANCY, THE MOST STRINGENT CRITERIA SHALL APPLY.
2.

THE CONTRACTOR SHALL NOT TAP ANY WATER MAIN WITHOUT A CITY INSPECTOR PRESENT. THE CONTRACTOR SHALL PROVIDE NOTICE TO THE CITY INSPECTOR AT A MINIMUM OF 5 WORKING DAYS PRIOR TO NECESSARY WORK AND COORDINATE PERFORMANCE OF TAP WITH THE CITY INSPECTOR.
3.

NORMAL WORKING HOURS SHALL BE WEEKDAYS FROM 7:30 AM TO 4:00 PM UNLESS OTHERWISE APPROVED BY THE ENGINEER/INSPECTOR.
4.

ELEVATION INFORMATION SHOWN ON THESE PLANS IS REFERENCED TO N.A.V.D. 1988 UNLESS OTHERWISE STATED.
5.

CONSTRUCTION OF WATER FACILITIES SHALL BE COORDINATED WITH THE WATER DEPARTMENT PRIOR TO THE START OF THE CONSTRUCTION. CONTRACTOR TO CONTACT CITY OF TAMPA CONTRACT ADMINISTRATION DEPARTMENT @ 813-635-3432 TO COORDINATE/SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY FOR REVIEW OF INSTALLATION TECHNIQUES AND PROCEDURES A MINIMUM OF 10 WORKING DAYS PRIOR TO THE PLANNED CONSTRUCTION.
6.

EXISTING UTILITIES, BUILDINGS, GROUND ELEVATIONS, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE. ALL CONDITIONS, DIMENSIONS, AND QUANTITIES AFFECTING REQUIRED WORK SHALL BE VERIFIED BY CONTRACTOR BEFORE BEGINNING WORK OR ORDERING MATERIALS.
7.

VALVES ON EXISTING PUBLIC WATER MAINS TO BE OPERATED BY CITY PERSONNEL ONLY.
8.

ALL PROPOSED WATER LINES SHALL BE MANUFACTURED AND INSTALLED PER THE STANDARDS OF THE AMERICAN WATER WORKS ASSOCIATION (AWWA) AS PRESCRIBED BY FAC-62-555.320.
9.

SHOP DRAWINGS SHALL BE SUBMITTED AND APPROVED BY THE CITY FOR ALL PROPOSED ITEMS. ALL SUBMITTALS AND SHOP DRAWINGS SHALL BE HIGH QUALITY PDF DOCUMENTS.
10.

THE CONTRACTOR IS RESPONSIBLE FOR RESTRAINING ALL EXISTING PIPE NECESSARY TO MAINTAIN A SAFE CONSTRUCTION AREA AND PERFORM THE WORK SHOWN IN THE PLANS. EXISTING PIPE REQUIRING RESTRAINTS SHALL UTILIZE EXTERIOR BELL RESTRAINTS.
11.

THE CONTRACTOR SHALL DEWATER ANY EXCAVATION OR TRENCH TO MAINTAIN A SAFE WORK ENVIRONMENT AND TO ABIDE BY AWWA INSTALLATION STANDARDS. DEWATERING IS AT THE EXPENSE OF THE CONTRACTOR.

PERMITS

1.

CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY RIGHT-OF-WAY PERMITS AND ROADWAY CLOSURES ASSOCIATED WITH THE WORK SHOWN IN THE PLANS.
2.

IN ORDER TO OBTAIN ROADWAY CLOSURES OR RIGHT-OF-WAY PERMITS, AT MINIMUM, THE CONTRACTOR MUST SUBMIT DETAILED MAINTENANCE OF TRAFFIC (MOT) PLANS ALONG WITH APPLICATIONS TO THE APPROPRIATE AGENCY. THE MOT(S) SHALL CONFORM TO APPLICABLE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DRAWINGS (MOST CURRENT EDITION). THE GOVERNING AGENCIES MAY REQUIRE ADDITIONAL INFORMATION AND DICTATE SPECIFIC WORK TIME DURING NON-PEAK TRAFFIC HOURS.

PIPE CLEARANCES

1.

ALL WATER MAINS SHALL HAVE A MINIMUM COVER OF 36 INCHES AND SHALL MAINTAIN A MINIMUM OF THREE (3) FEET HORIZONTAL SEPARATION FROM OTHER UTILITIES, EXCEPT STORM, SANITARY, AND GAS, WHICH SHALL MAINTAIN TEN (10) FEET HORIZONTAL SEPARATION, UNLESS OTHERWISE NOTED.
2.

WATER MAIN SHALL CROSS ABOVE OTHER PIPES. WHEN WATER MUST BE BELOW, PROVIDE 12" MINIMUM VERTICAL SEPARATION UNLESS OTHERWISE NOTED.
3.

CENTER ONE FULL JOINT OF PIPE UNDER/OVER ALL SANITARY, STORM, OR RECLAIMED PIPE CROSSINGS.

MATERIAL

1.

ALL VALVES SHALL BE RIGHT HAND OPEN.
2.

POLYWRAP ALL DUCTILE IRON PIPE (D.I.P) FITTINGS AND APPURTENANCES.
3.

ALL HARDWARE SHALL BE 304 STAINLESS STEEL, UNLESS OTHERWISE NOTED.
4.

ALL BELOW GROUND BENDS SHALL BE MECHANICAL JOINT (MJ).
5.

RESTRAIN ALL JOINTS AND FITTINGS.
6.

CONCRETE THRUST BLOCKS SHALL NOT BE USED TO PROVIDE THRUST RESTRAINT. RESTRAINT OF PUSH-ON DIP (OTHER THAN FOR FITTINGS & VALVES) SHALL BE WITH APPROVED PUSH-ON "GRIPPER-TYPE" RESTRAINTS. FITTINGS AND VALVES SHALL BE CONNECTED TO PIPE WITH MEGALUGS, OR APPROVED EQUAL.
7.

ALL POTABLE WATER SERVICE LATERAL, AIR RELEASE VALVES, AND TEMPORARY SAMPLE POINTS SHALL BE CONSTRUCTED OF BLUE SDR-9 HIGH DENSITY POLYETHYLENE (HDPE) TUBING. ALL HDPE TUBING SHALL BE INSTALLED WITHIN A CASING AS DEFINED IN THE SPECIFICATIONS AND DETAILS.

TESTING

1.

ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS, AND VALVES SHALL BE PROPERLY PRESSURE TESTED, WITNESSED AND ACCEPTED BY THE CITY. PRESSURE TESTS TO BE PERFORMED IN ACCORDANCE WITH WATER DEPARTMENT SPECIFICATIONS. CONTRACTOR TO NOTIFY THE ASSIGNED CITY INSPECTOR A MINIMUM OF THREE (3) WORKING DAYS IN ADVANCE OF PERFORMING TESTS. CONTRACTOR SHALL PRESSURE TEST WATER MAINS AT A MINIMUM OF 150 PSI FOR A PERIOD OF 2 HOURS IN ACCORDANCE WITH AWWA C600-87 STANDARDS. THE CONTRACTOR SHALL MAKE ALL NECESSARY APPLICATIONS AND ARRANGEMENTS.
2.

ALL SAMPLE, PRESSURE TEST, AND CHLORINATION POINT PIPING SHALL BE COMPLETELY REMOVED PRIOR TO FINAL ACCEPTANCE. THE CORPORATION STOP SHALL BE CLOSED AND PLUGGED AT THE MAIN.
3.

CONTRACTOR SHALL PERFORM CHLORINATION AND HIRE INDEPENDENT FIRMS TO CONDUCT BACTERIOLOGICAL TESTING AS DEFINED IN F.A.C. 62-555.340. CONTRACTOR TO SUPPLY THE CITY WITH AS-BUILTS AND SAMPLE RESULTS NECESSARY TO OBTAIN DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) CLEARANCES.

RESTORATION

1.

ROADWAY RESTORATION SHALL BE IN CONFORMANCE WITH CORRESPONDING JURISDICTION'S LATEST STANDARDS. TRENCH RESTORATION SHALL BE IN ACCORDANCE WITH COT WATER DEPARTMENT TRENCH RESTORATION LATEST STANDARDS.
2.

DISTURBANCE TO ANY PROPERTY, PUBLIC OR PRIVATE, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.

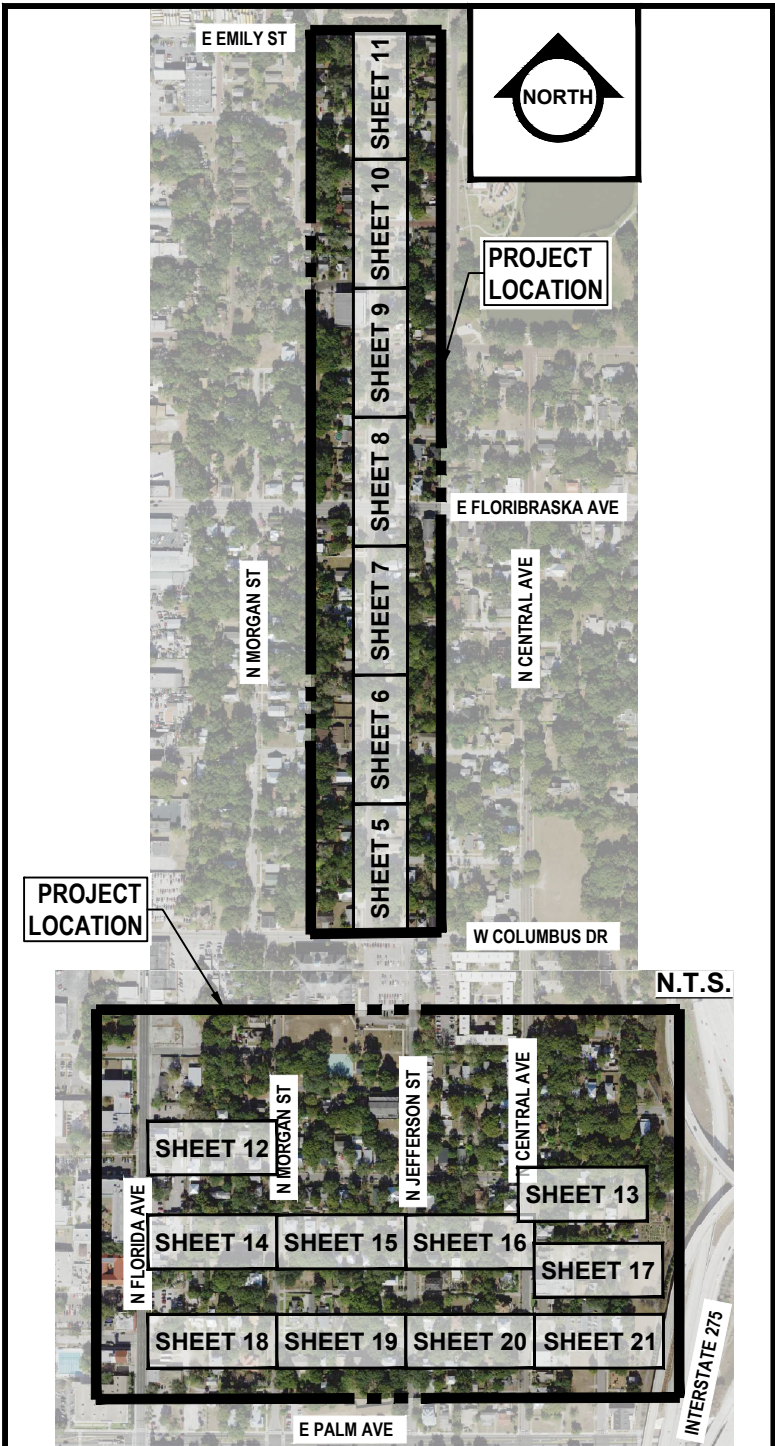
PROJECT SPECIFIC NOTES

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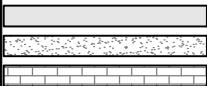
WATER METER LOCATED IN A SIDEWALK SHALL BE RELOCATED BEFORE SIDEWALK PER DETAIL 5.04A
2.

NEW WATERMAINS TO BE INSTALLED 3' FROM THE RIGHT-OF-WAY LINE.
3.

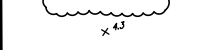
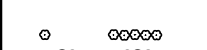
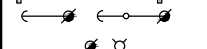
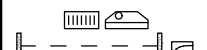
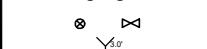
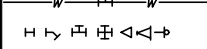
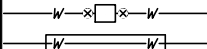
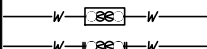
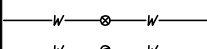
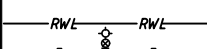
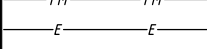
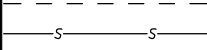
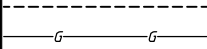
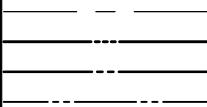
EXISTING WATERMAINS ARE TO BE RESTRAINED PRIOR TO CONNECTION.



EXISTING

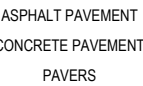


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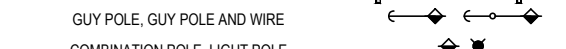
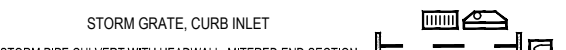
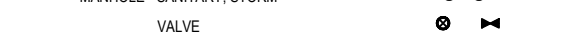
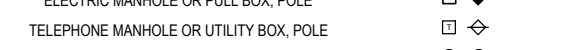
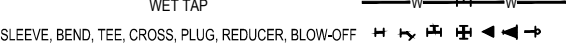
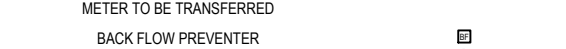
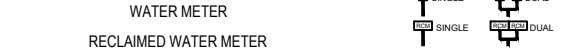
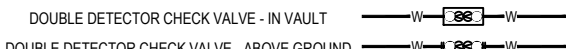
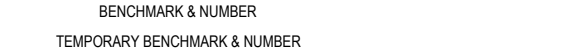
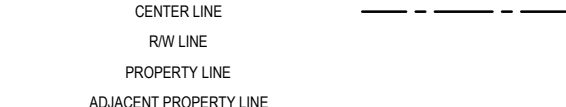


LEGEND

PROPOSED



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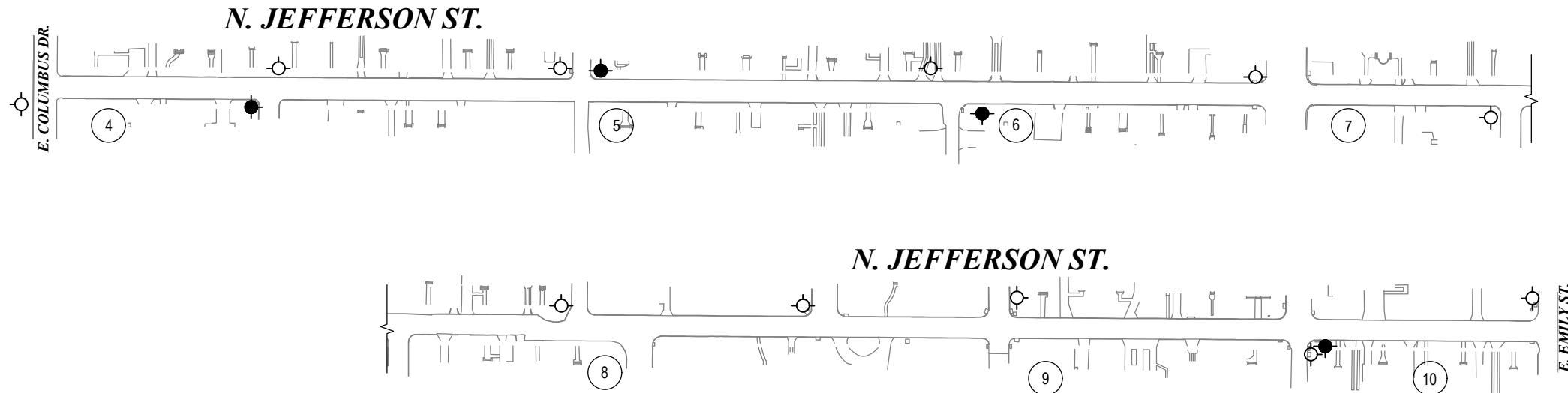


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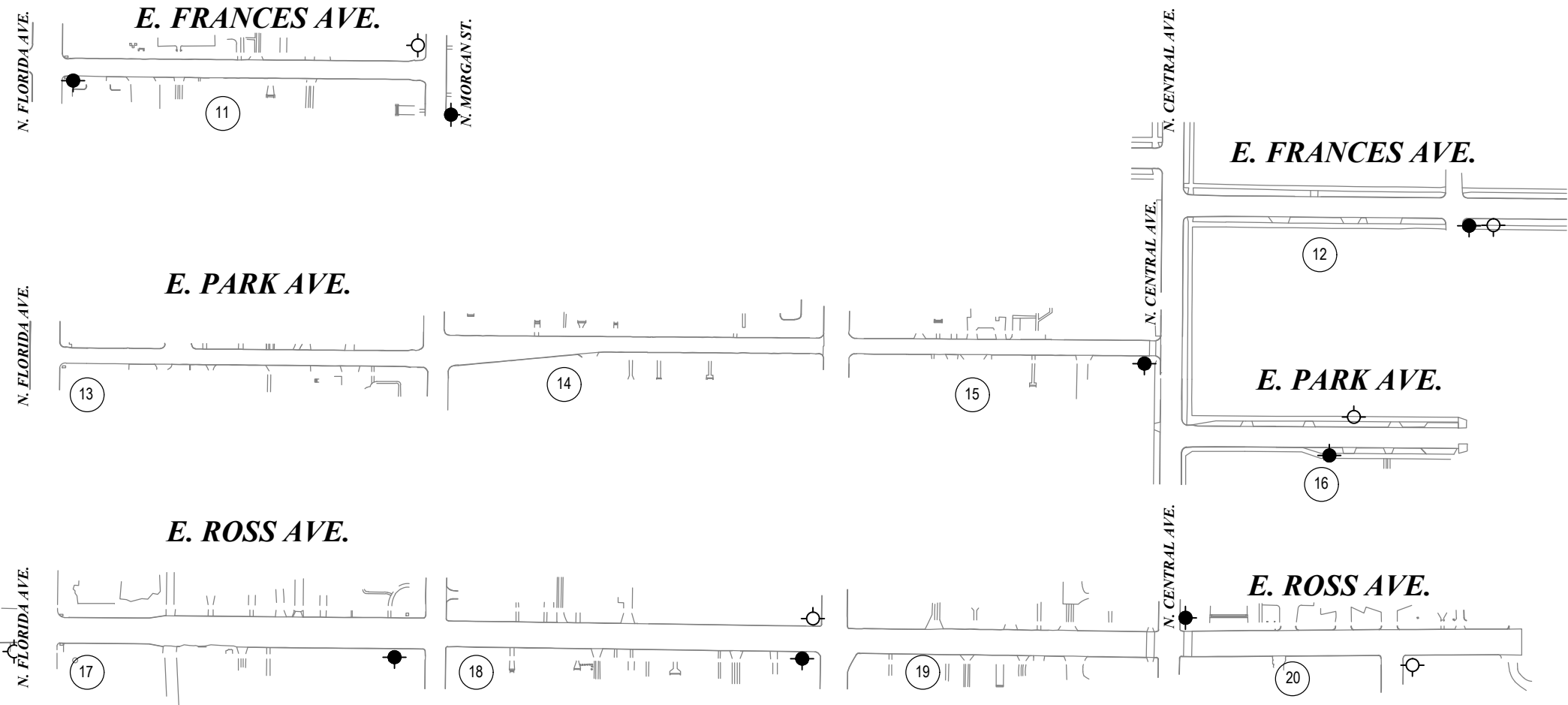
N JEFFERSON ST	E FRANCES AVE	E ROSS AVE	N FLORIDA AVE	N CENTRAL AVE	N JEFFERSON ST	N JEFFERSON ST	E FRANCES AVE
TBM # 11 SET MNW (LB 6785) ELEVATION: 32.36' STATION: 80+70.45' OFFSET: 9.30' RIGHT N: 1,324,004.58' E: 508,686.76' TBM # 12 SET MNW (LB 6785) ELEVATION: 31.12' STATION: 74+63.14' OFFSET: 8.05' LEFT N: 1,323,397.39' E: 508,665.70' TBM # 13 SET MNW (LB 6785) ELEVATION: 36.55' STATION: 67+15.40' OFFSET: 8.73' RIGHT N: 1,322,649.56' E: 508,677.90' TBM # 14 SET MNW (LB 6785) ELEVATION: 42.50' STATION: 60+94.75' OFFSET: 8.16' LEFT N: 1,322,029.03' E: 508,657.21' TBM # 15 SET MNW (LB 6785) ELEVATION: 44.02' STATION: 54+79.00' OFFSET: 8.60' RIGHT N: 1,321,413.18' E: 508,670.20' TBM # 16 SET MNW (LB 6785) ELEVATION: 45.03' STATION: 50+29.79' OFFSET: 6.21' LEFT N: 1,320,964.08' E: 508,652.65'	TBM # 38 SET MNW (LB 6785) ELEVATION: 44.83' STATION: 100+30.27' OFFSET: 7.00' LEFT N: 1,320,276.59' E: 507,888.36' TBM # 39 SET MNW (LB 6785) ELEVATION: 45.39' STATION: 102+56.43' OFFSET: 7.06' RIGHT N: 1,320,260.62' E: 508,114.40' E PARK AVE TBM # 41 SET MNW (LB 6785) ELEVATION: 43.97' STATION: 150+40.68' OFFSET: 7.45' RIGHT N: 1,319,922.07' E: 507,895.77' TBM # 42 SET MNW (LB 6785) ELEVATION: 47.00' STATION: 157+58.75' OFFSET: 4.16' LEFT N: 1,319,947.77' E: 508,594.08' TBM # 43 SET MNW (LB 6785) ELEVATION: 47.99' STATION: 163+24.23' OFFSET: 6.84' RIGHT N: 1,319,931.99' E: 509,159.45' TBM # 113 SET MNW (LB 6785) ELEVATION: 48.59' STATION: 300+17.92' OFFSET: 20.11' RIGHT N: 1,319,819.36' E: 509,202.19'	TBM # 44 SET MNW (LB 6785) ELEVATION: 43.57' STATION: 200+30.66 OFFSET: 9.67' LEFT N: 1,319,614.28' E: 507,883.15' TBM # 45 SET MNW (LB 6785) ELEVATION: 46.35' STATION: 204+46.06 OFFSET: 15.21' RIGHT N: 1,319,585.89' E: 508,298.32' TBM # 46 SET MNW (LB 6785) ELEVATION: 48.84' STATION: 210+18.71' OFFSET: 5.59' LEFT N: 1,319,601.84' E: 508,871.13' TBM # 47 SET MNW (LB 6785) ELEVATION: 44.87' STATION: 217+17.17' OFFSET: 6.84' RIGHT N: 1,319,583.66' E: 509,563.90'	(S-15) 247413(MHS) RIM ELEV= 45.49' 8"Ø CLAY INV (N)= 41.22' 8"Ø CLAY INV (E)= 41.23' (S-16) 249842(MHS) RIM ELEV= 44.46' 8"Ø CLAY INV (S)= 41.00' 8"Ø CLAY INV (N)= 41.12' 8"Ø CLAY INV (E)= 41.08' (S-17) 249847(MHS) RIM ELEV= 43.48' 8"Ø PVC INV (N)= 40.21' 8"Ø PVC INV (S)= 40.15' 8"Ø PVC INV (E)= 40.18' E ROSS AVE (S-30) 249848(MHS) RIM ELEV= 46.95' 8"Ø CLAY INV (W)= 42.60' 8"Ø CLAY INV (E)= 42.65' (S-31) 249849(MHS) RIM ELEV= 49.67' 8"Ø CLAY INV (W)= 44.31' 8"Ø CLAY INV (E)= 44.37' (S-32) 249850(MHS) RIM ELEV= 48.65' 8"Ø PVC INV (W)= 44.62' (S-33) 255043(MHS) RIM ELEV= 45.35' 10"Ø CLAY INV (W)= 42.39' 8"Ø CLAY INV (E)= 40.80' 8"Ø CLAY INV (S)= 40.87' (S-34) 255035(MHS) RIM ELEV= 45.04' 8"Ø CLAY INV (W)= 38.04' 8"Ø CLAY INV (S)= 37.81' 8"Ø CLAY INV (E)= 37.84' 8"Ø CLAY INV (NE)=40.11' E FRANCES AVE (S-18) 247416(MHS) RIM ELEV= 45.76' 8"Ø CLAY INV (S)= 42.21' 8"Ø CLAY INV (W)= 42.19' (S-19) 255040(MHS) RIM ELEV= 47.31' 8"Ø CLAY INV (E)= 43.71' (S-20) 255039(MHS) RIM ELEV= 46.33' 8"Ø CLAY INV (E)= 42.11' 8"Ø CLAY INV (W)= 42.13'	(S-27) 254996(MHS) RIM ELEV= 47.64' 8"Ø CLAY INV (N)= 42.86' 8"Ø CLAY INV (S)= 42.89' (S-28) MHS (ARV) RIM ELEV= 48.39' TOP OF VALVE= 46.81' (S-29) 249851 MHI (ARV) RIM ELEV= 48.46' E PARK AVE (S-21) 249844(MHS) RIM ELEV= 45.29' 8"Ø CLAY INV (N)= 41.85' 8"Ø CLAY INV (W)= 41.73' 8"Ø CLAY INV (E)= 41.75' (S-22) 249844(MHS) RIM ELEV= 46.62' 8"Ø CLAY INV (W)= 42.12' 8"Ø CLAY INV (E)= 42.30' (S-23) 249845(MHS) RIM ELEV= 48.44' 8"Ø CLAY INV (W)= 43.36' 8"Ø PVC INV (S)= 43.80' 8"Ø CLAY INV (E)= 43.42' (S-24) 249846(MHS) RIM ELEV= 48.24' 8"Ø CLAY INV (W)= 44.19' 8"Ø CLAY INV (E)= 44.22' (S-25) 255042(MHS) RIM ELEV= 47.16' 8"Ø PVC INV (E)= 43.30' 8"Ø PVC INV (SE)= 43.46' (S-26) 255041(MHS) RIM ELEV= 46.24' 8"Ø CLAY INV (E)= 42.22' 8"Ø CLAY INV (W)= 42.24'	(S-1) 253201(MHS) RIM ELEV= 32.58' NO ACCESS WELDED (S-2) 253200(MHS) RIM ELEV= 31.88' 12"Ø CLAY INV (N)= 25.22' 8"Ø CLAY INV (E)= 25.32' 12"Ø CLAY INV (S)= 25.20' 8"Ø CLAY INV (W)= 27.11' (S-3) 253199(MHS) RIM ELEV= 31.39' NO ACCESS WELDED (S-4) 263308(MHS) RIM ELEV= 30.76' 12"Ø CLAY INV (N)= 24.14' 12"Ø CLAY INV (S)= 23.74' 15"Ø PVC INV (W)= 23.80' (S-5) 253198(MHS) RIM ELEV= 33.55' 12"Ø CLAY INV (N)= 23.19' 12"Ø PVC INV (S)= 24.43' 12"Ø CLAY INV (E)= 23.15' (S-6) 253103(MHS) RIM ELEV= 33.49' 12"Ø PVC INV (N)= 24.50' 8"Ø CLAY INV (S)= 25.12' 6"Ø CI INV (W)= 29.41' (S-7) 253126(MHS) RIM ELEV= 34.48' 8"Ø CLAY INV (N)= 28.79' 8"Ø CLAY INV (S)= 28.82' 8"Ø CLAY INV (W)= 30.02' (S-8) 253128(MHS) RIM ELEV= 36.6' 8"Ø CLAY INV (N)= 31.57' 8"Ø CLAY INV (S)= 31.60' (S-9) 253129(MHS) RIM ELEV= 40.91' 8"Ø CLAY INV (N)= 34.85' 8"Ø CLAY INV (S)= 34.88' 8"Ø CLAY INV (W)= 34.95' (S-10) 253131(MHS) RIM ELEV= 42.75' 8"Ø CLAY INV (N)= 35.83' 8"Ø CLAY INV (S)= 35.84' 8"Ø CLAY INV (E)= 36.63' (S-11) 253133(MHS) RIM ELEV= 43.85' 8"Ø CLAY INV (N)= 37.54' 8"Ø CLAY INV (S)= 37.55' 10"Ø CLAY INV (E)= 37.95' (S-12) 253137(MHS) RIM ELEV= 44.81' 8"Ø CLAY INV (N)= 39.19' 8"Ø CLAY INV (S)= 39.24' 8"Ø CLAY INV (E)= 39.19' (S-13) 253138(MHS) RIM ELEV= 45.05' FULL OF SEDIMENT (S-14) 255054(MHS) RIM ELEV= 46.11' 8"Ø CLAY INV (E)= 41.09' 8"Ø CLAY INV (W)= 41.01'	MHD#1 RIM ELEV= 41.01' 18"Ø RCP INV (N)= 37.38' 10"Ø RCP INV (E)= 37.51' BOTTOM=37.38' MHD#2 RIM ELEV= 41.04' 10"Ø RCP INV (W)= 37.8' BOTTOM=37.80' MHD#3 RIM ELEV= 41.11' 18"Ø RCP INV (S)= 36.93' BOTTOM=26.93' MHD#4 RIM ELEV= 31.19' 15"Ø CLAY INV (NE)= 28.60' BOTTOM=28.61' MHD#5 RIM ELEV= 31.04' 15"Ø RCP INV (NW)= 27.02' BOTTOM=27.39' MHD#6 RIM ELEV= 30.88' 18"Ø RCP INV (N)= 26.38' 15"Ø RCP INV (SE)= 26.73' 15"Ø RCP INV (SW)= 26.74' 15"Ø RCP INV (NW)= 26.86' BOTTOM=26.66' MHD#7 RIM ELEV= 31.14' 15"Ø RCP INV (SE)= 27.61' BOTTOM=27.63' MHD#8 RIM ELEV= 31.36' 15"Ø RCP INV (NW)= 28.13' BOTTOM=28.16' MHD#9 RIM ELEV= 31.22' 36"Ø RCP INV (N)= 26.07' 15"Ø RCP INV (NE)= 27.5' 24"Ø CI INV (E)= 27.3' 18"Ø RCP INV (S)= 26.10' 36"Ø RCP INV (W)= 26.06' 15"Ø RCP INV (NW)= 27.37' BOTTOM=26.06' MHD#10 RIM ELEV= 31.43' 15"Ø RCP INV (SE)= 27.76' BOTTOM=27.89' MHD#11 RIM ELEV= 31.54' 15"Ø RCP INV (SW)= 28.08' BOTTOM=28.08' MHD#12 RIM ELEV= 32.41' 15"Ø RCP INV (NE)= 28.39' BOTTOM=28.39'	MHD#13 RIM ELEV= 31.90' 30"Ø RCP INV (N)= 26.90' 15"Ø RCP INV (NE)= 27.58' 10"Ø CI (W TO E) CONFLICT PIPE 36"Ø RCP INV (S)= 26.53' 15"Ø RCP INV (NW)= 27.52' 15"Ø RCP INV (SW)= 27.80' BOTTOM=26.50' MHD#14 RIM ELEV= 32.11' 15"Ø RCP INV (SW)= 28.40' BOTTOM=28.40' MHD#15 RIM ELEV= 32.23' 15"Ø RCP INV (SE)= 28.20' BOTTOM=28.20' MHD#16 RIM ELEV= 33.00' 15"Ø RCP INV (E)= 28.54' BOTTOM=28.74' MHD#17 RIM ELEV= 32.85' 24"Ø RCP INV (E)= 27.98' 30"Ø RCP INV (S)= 27.63' BOTTOM=27.63' E ROSS AVE MHD#18 RIM ELEV= 43.5' INV (N)= NOT READABLE INV (S)= NOT READABLE 12"Ø CI (W TO E) CONFLICT PIPE TOP=40.91' BOTTOM=35.71' CB#1 RIM ELEV= 43.49' 15"Ø PVC INV (N)= 39.93' 15"Ø PVC INV (S)= 39.89' BOTTOM=39.89' CB#2 RIM ELEV= 43.3' 15"Ø PVC INV (S)= 40.18' BOTTOM=40.22'

ANDRÉ J. BIEN-AIMÉ, P.E. CITY OF TAMPA WATER DEPT. 711 E. HENDERSON AVE. TAMPA, FLA. 33602 P.E. #84160	REV NO.	DATE	DESCRIPTION	BY	DESIGNED	NP	JEFFERSON WATER MAIN IMPROVEMENT	STRUCTURE DATA TABLE		100% PLANS	
	.	.	.	.	DRAWN	SVM				WORK ORDER NO.	WTR-21-0015
	.	.	.	.	CHECKED	ABA				RECORD DWG. NO.	
	.	.	.	.	DATE	08/21/2025				ATLAS PAGE G12/H12	SHEET 3 OF 28
	.	.	.	.							

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S12-T29S-R18E



LEGEND	
	EXISTING HYDRANT LOCATIONS
	PROPOSED HYDRANT LOCATIONS
	SHEET NUMBER

ANDRÉ J. BIEN-AIMÉ, P.E.
CITY OF TAMPA WATER DEPT.
711 E. HENDERSON AVE.
TAMPA, FLA. 33602
P.E. #84160

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DATE	08/21/2025

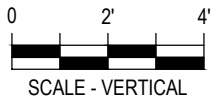
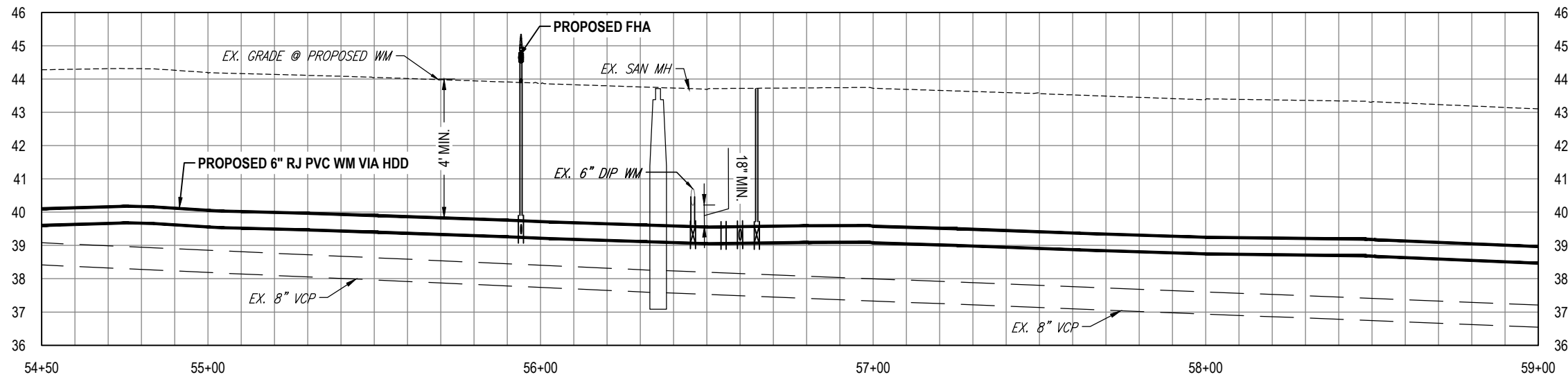
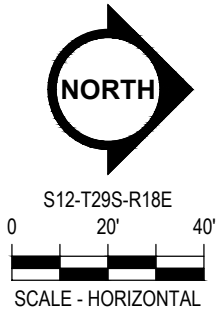
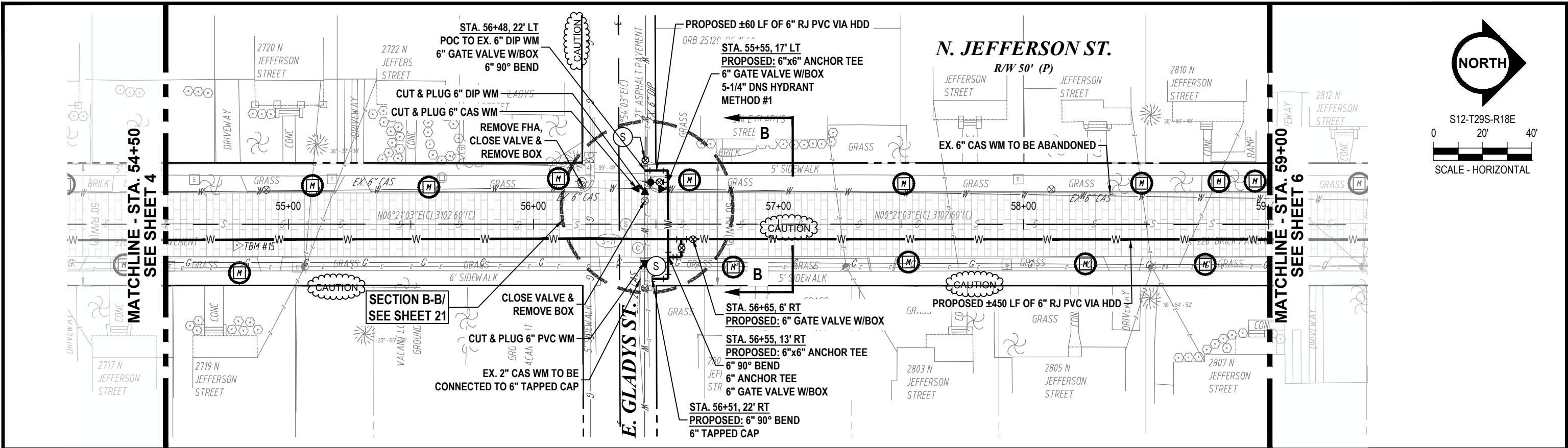
JEFFERSON WATER MAIN IMPROVEMENT

PROPOSED HYDRANT LOCATION



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711 E. HENDERSON AVE.
TAMPA, FLA. 33602
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REV NO.	DATE	DESCRIPTION	BY

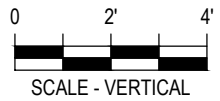
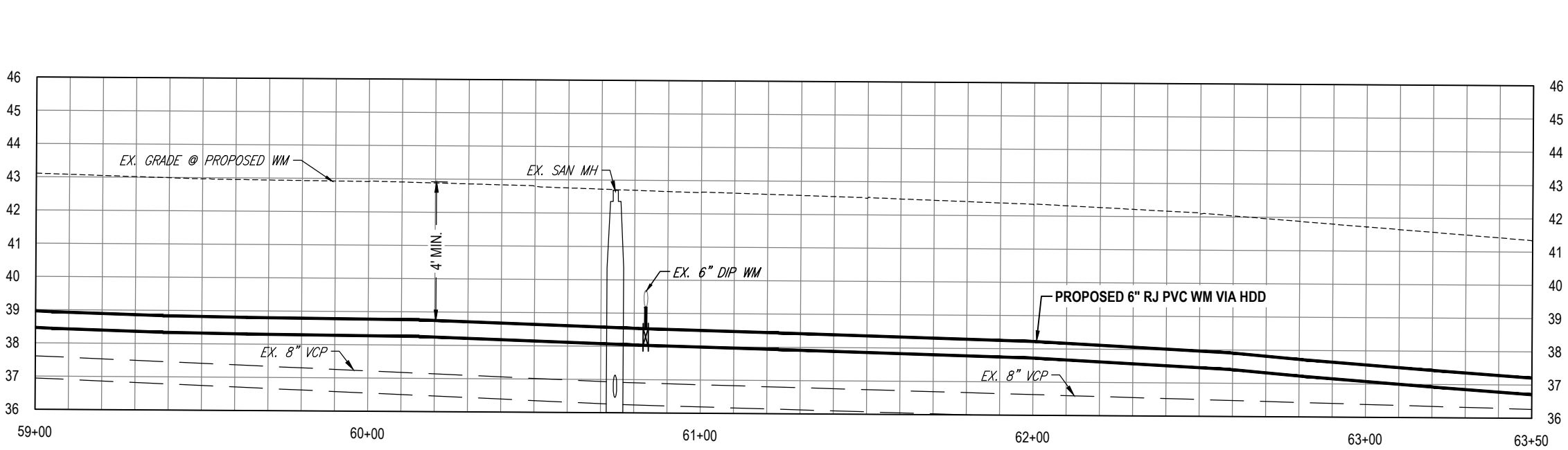
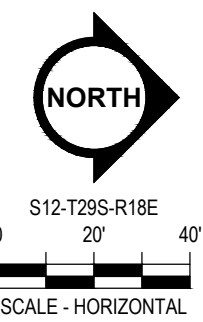
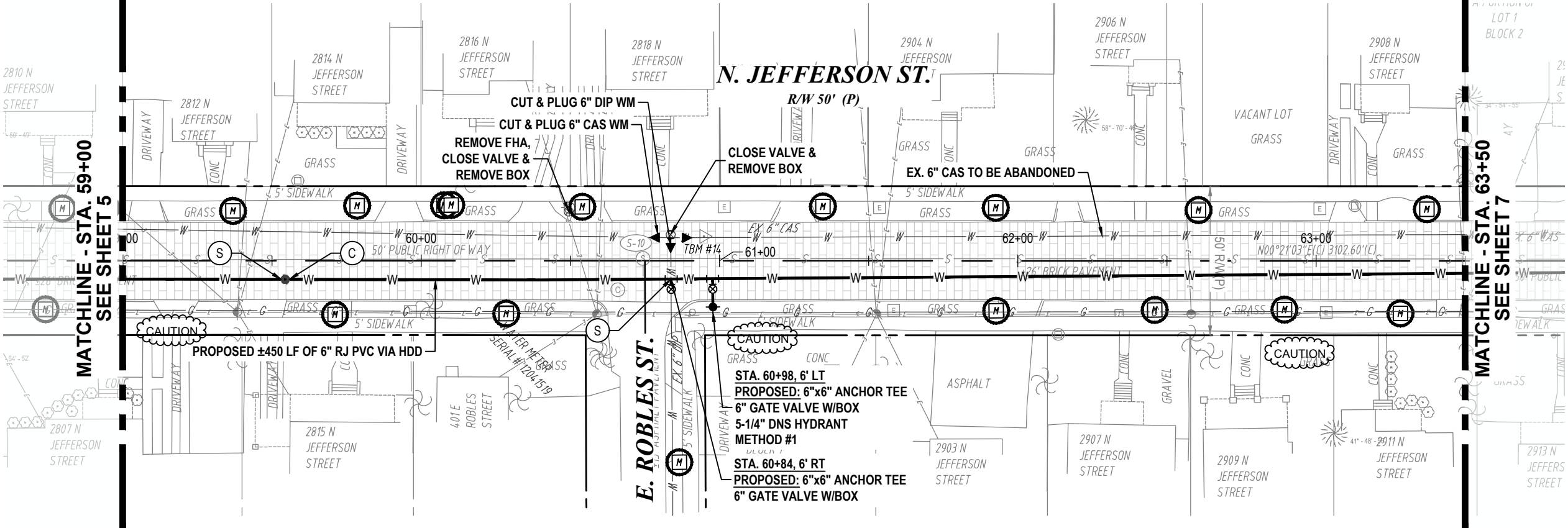
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DATE	08/21/2025

JEFFERSON WATER MAIN IMPROVEMENT
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TAMPA, FLA. 33602
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				DRAWN	SVM
				CHECKED	ABA
				DATE	08/21/2025

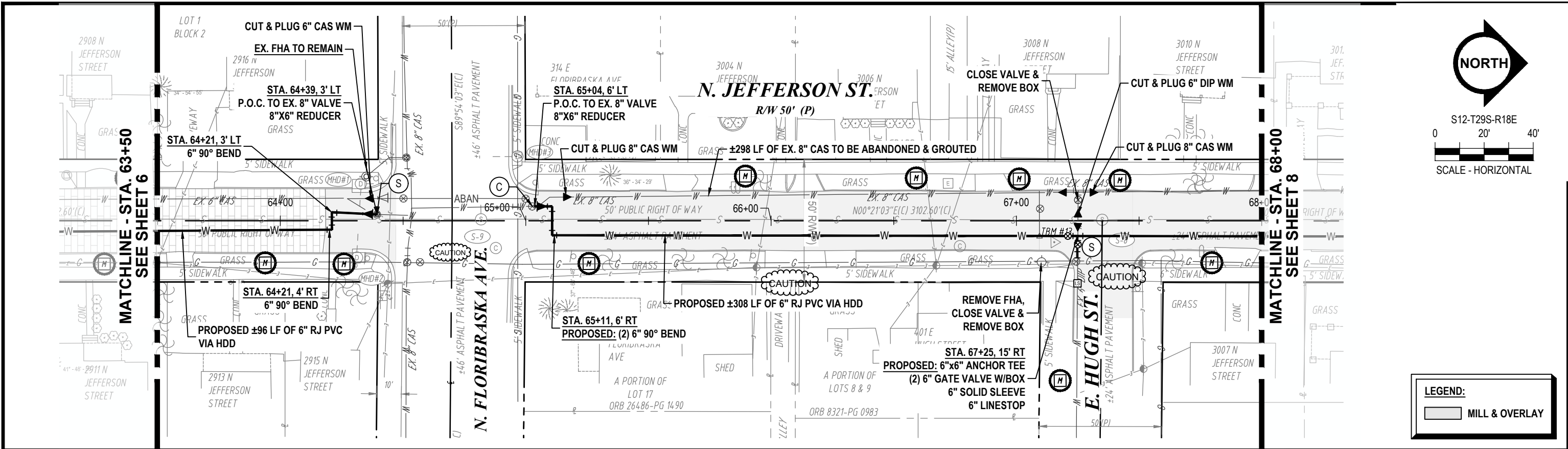
JEFFERSON WATER MAIN IMPROVEMENT

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WORK ORDER NO.	WTR-21-0015
RECORD DWG. NO.	
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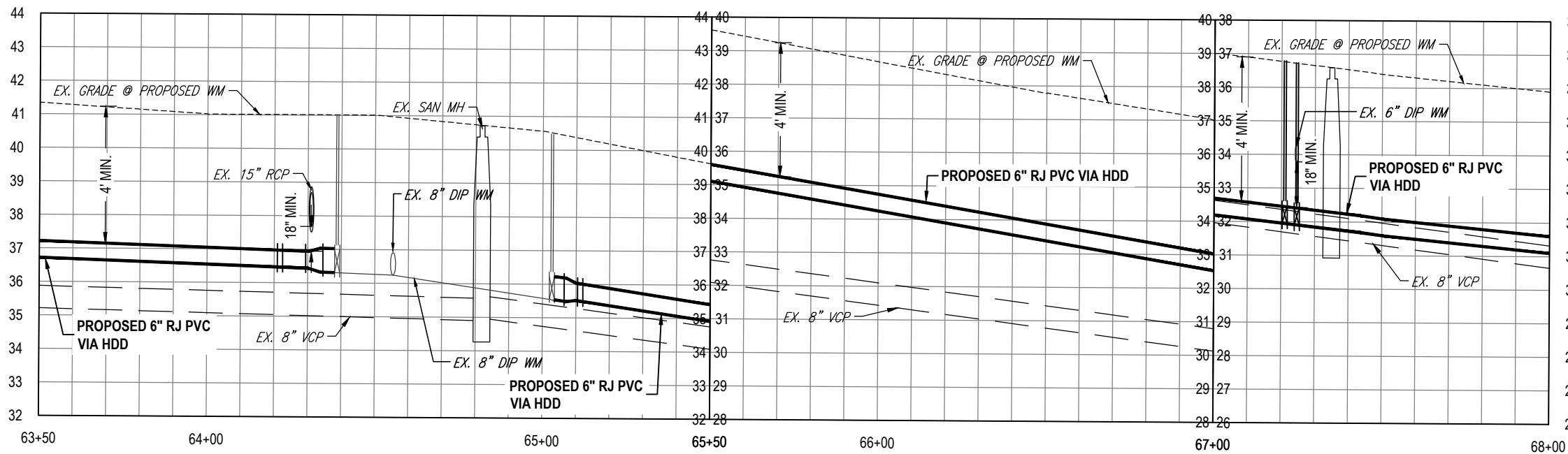
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S12-T29S-R18E
0 20' 40'
SCALE - HORIZONTAL

LEGEND:
MILL & OVERLAY

0 2' 4'
SCALE - VERTICAL



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711 E. HENDERSON AVE.
TAMPA, FLA. 33602
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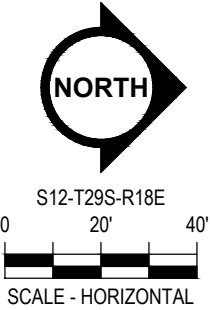
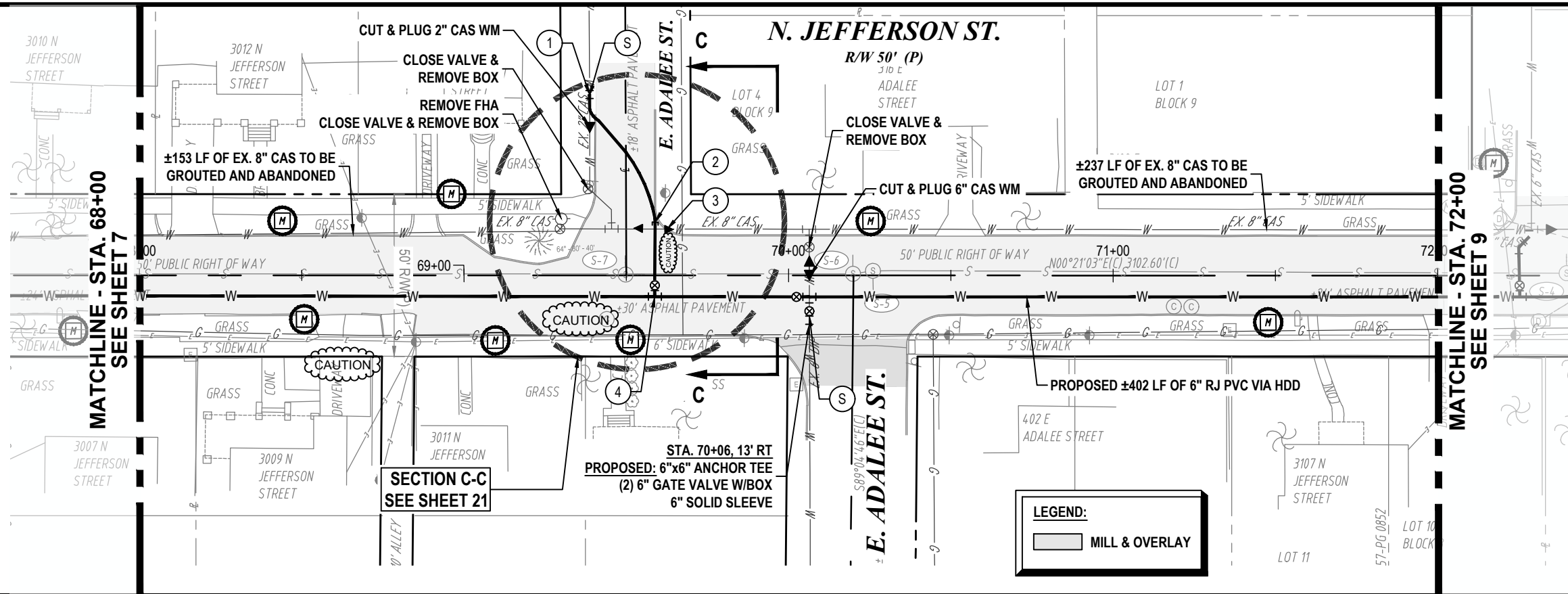


100% PLANS

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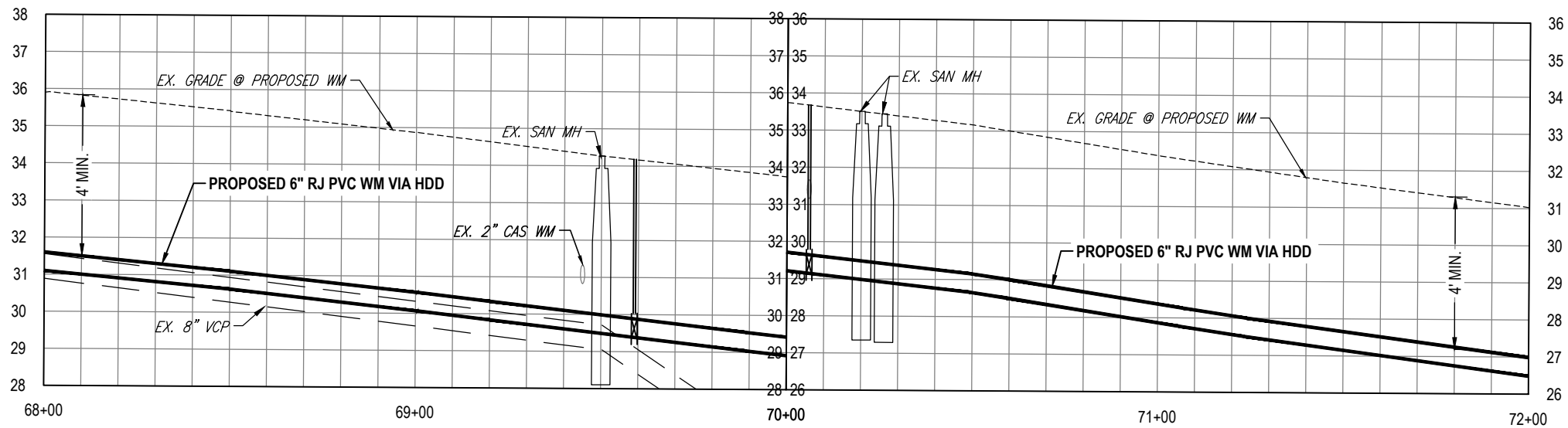
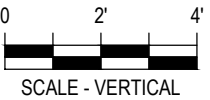
ATLAS PAGE G12/H12 SHEET **7** OF **28**



- 1 STA. 69+39, 56' LT
P.O.C. TO EX. 2" CAS WM
2" HYMAX COUPLING
±36 LF OF 2" HDPE
- 2 STA. 69+59, 16' LT
PROPOSED: 4" TAPPED CAP
- 3 CUT & PLUG 6" CAS WM
- 4 STA. 69+59, 7' RT
PROPOSED: 6"x4" ANCHOR TEE
4" GATE VALVE W/BOX
±22 LF OF 4" PVC

LEGEND:

MILL & OVERLAY



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711 E. HENDERSON AVE.
TAMPA, FLA. 33602
P.E. #84160

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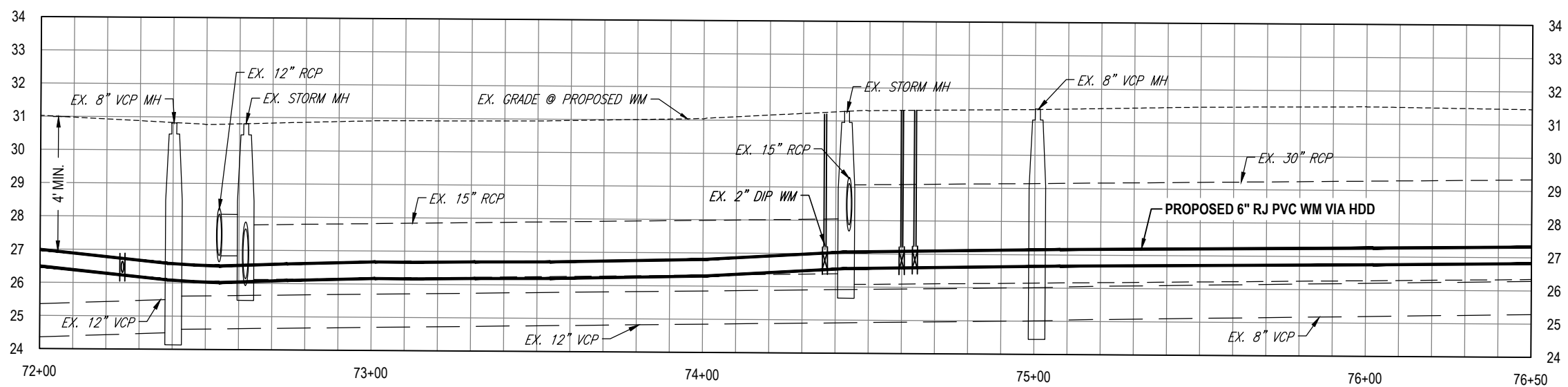
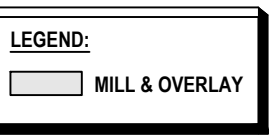
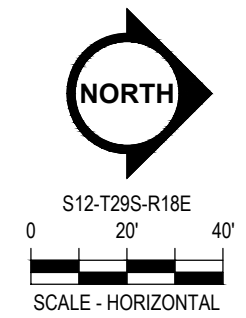
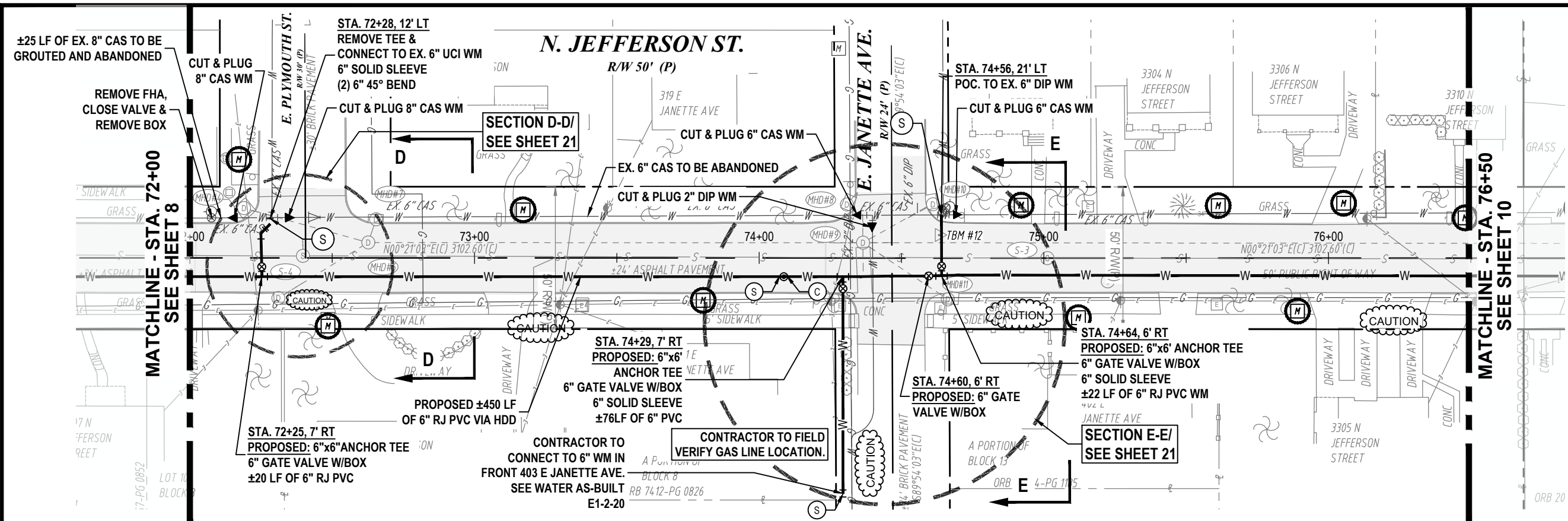
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JEFFERSON WATER MAIN IMPROVEMENT

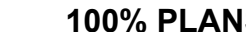
N JEFFERSON ST PLAN & PROFILE



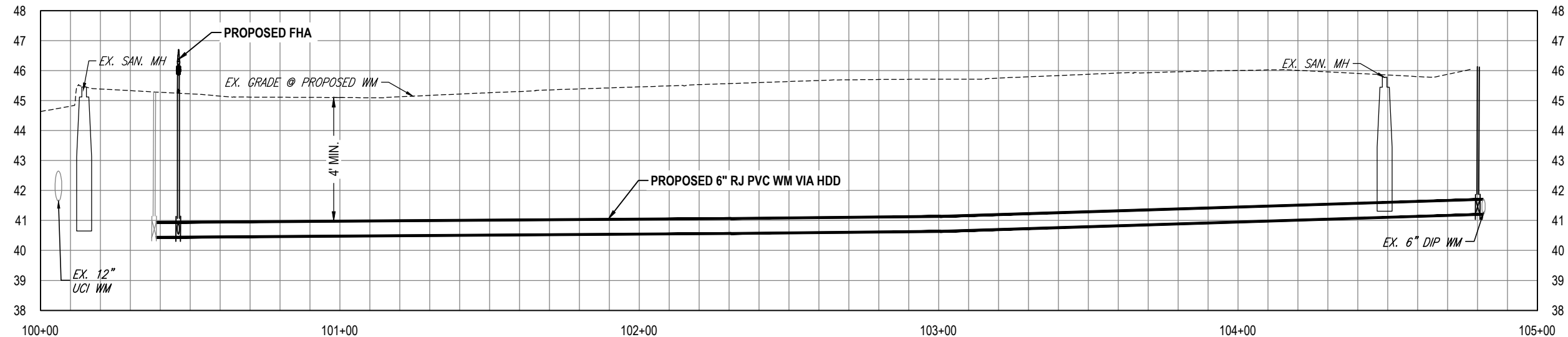
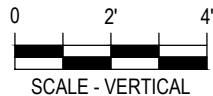
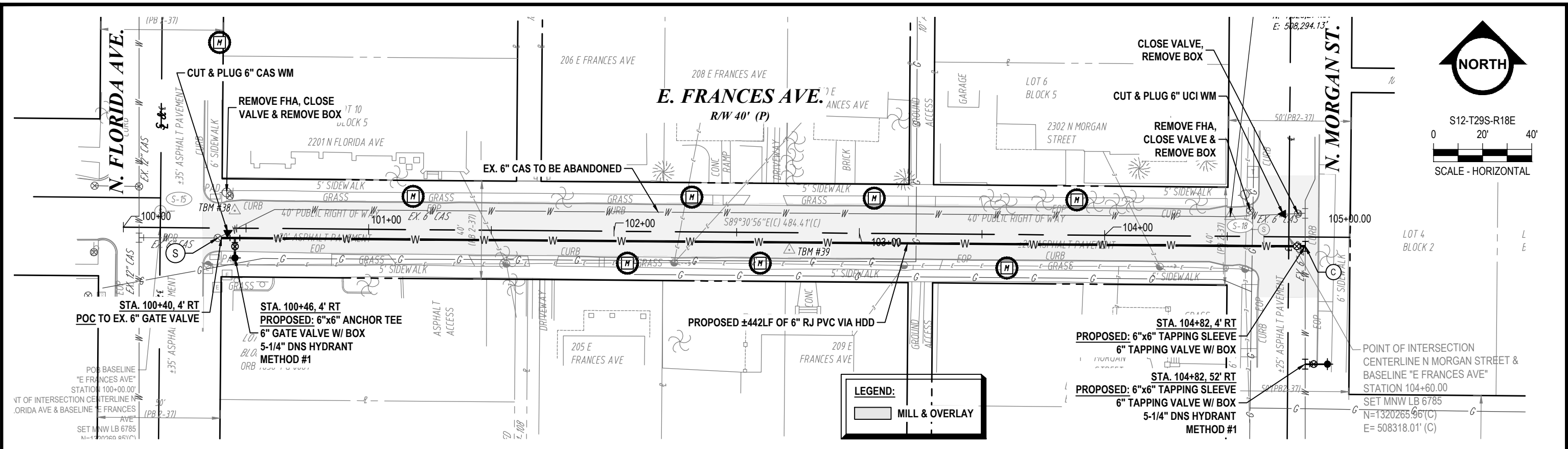
100% PLANS	
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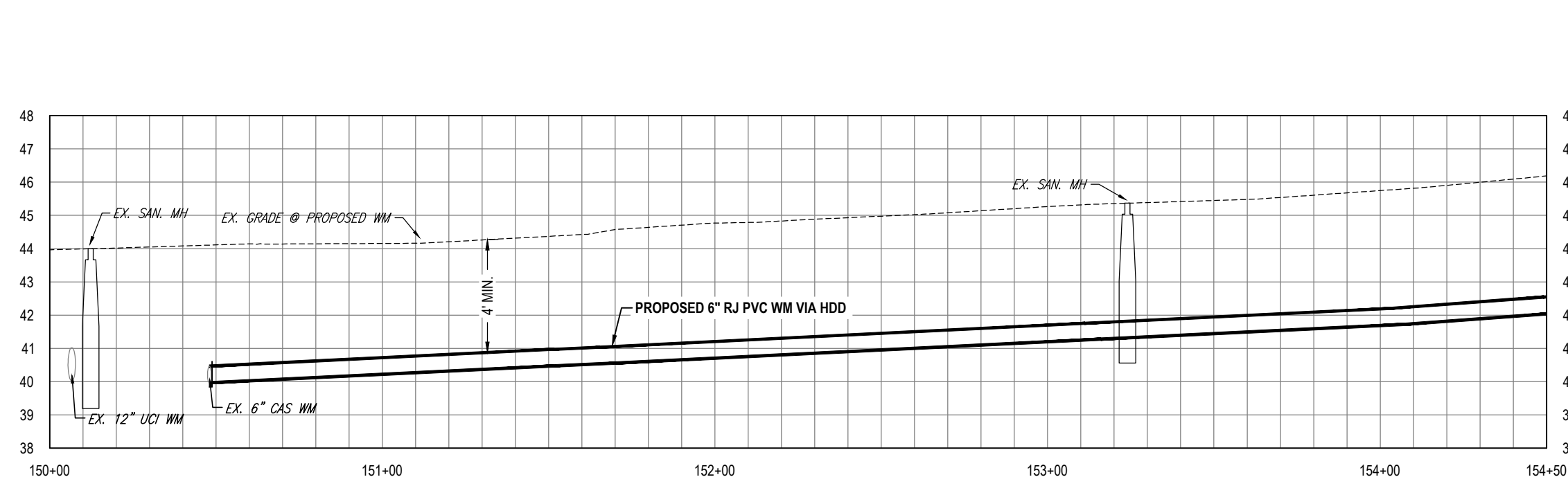
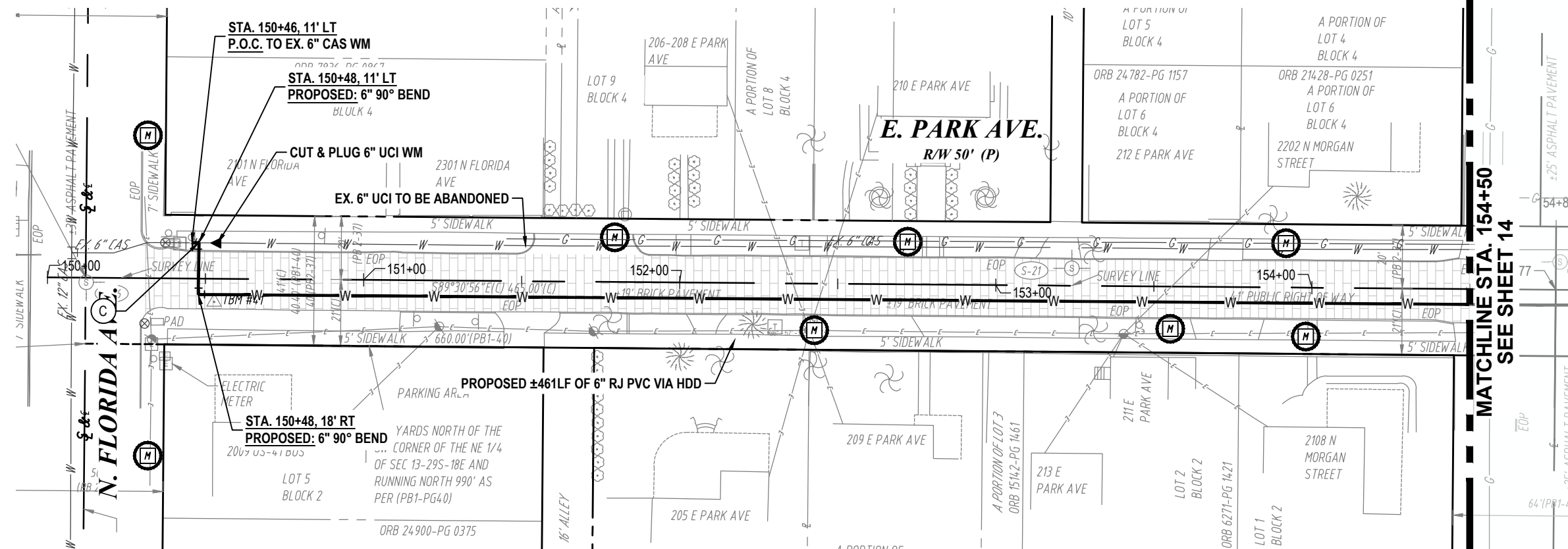
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					DRAWN	SVM			WORK ORDER NO.	WTR-21-0015
					CHECKED	ABA	RECORD DWG. NO.			
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					DRAWN SVM			WORK ORDER NO.	WTR-21-0015
					CHECKED ABA			RECORD DWG. NO.	
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				CHECKED	ABA
				DATE	08/21/2025

JEFFERSON WATER MAIN IMPROVEMENT

E PARK AVE



100% PLANS

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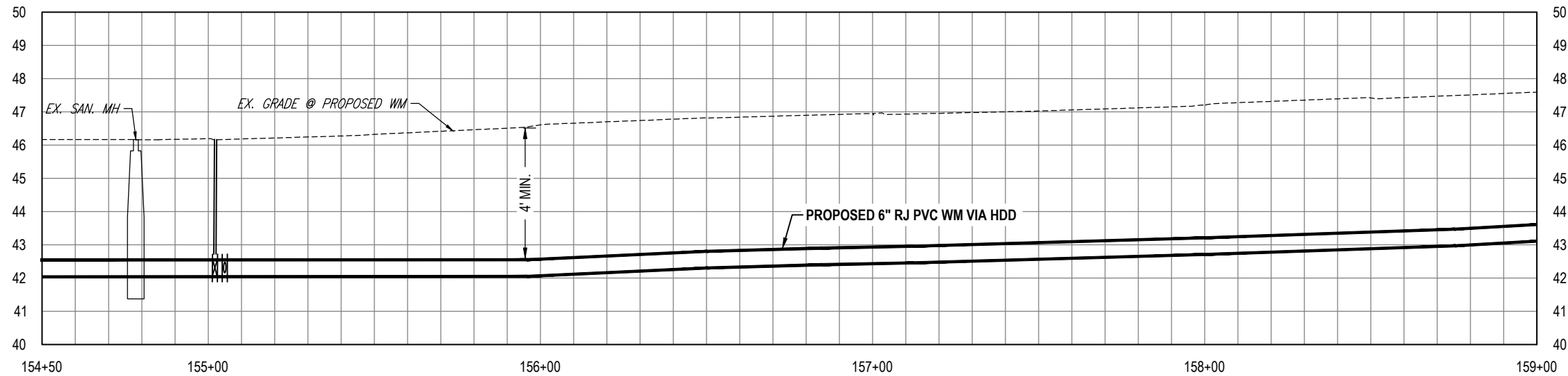
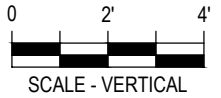
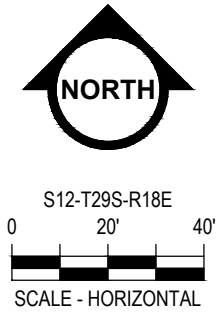
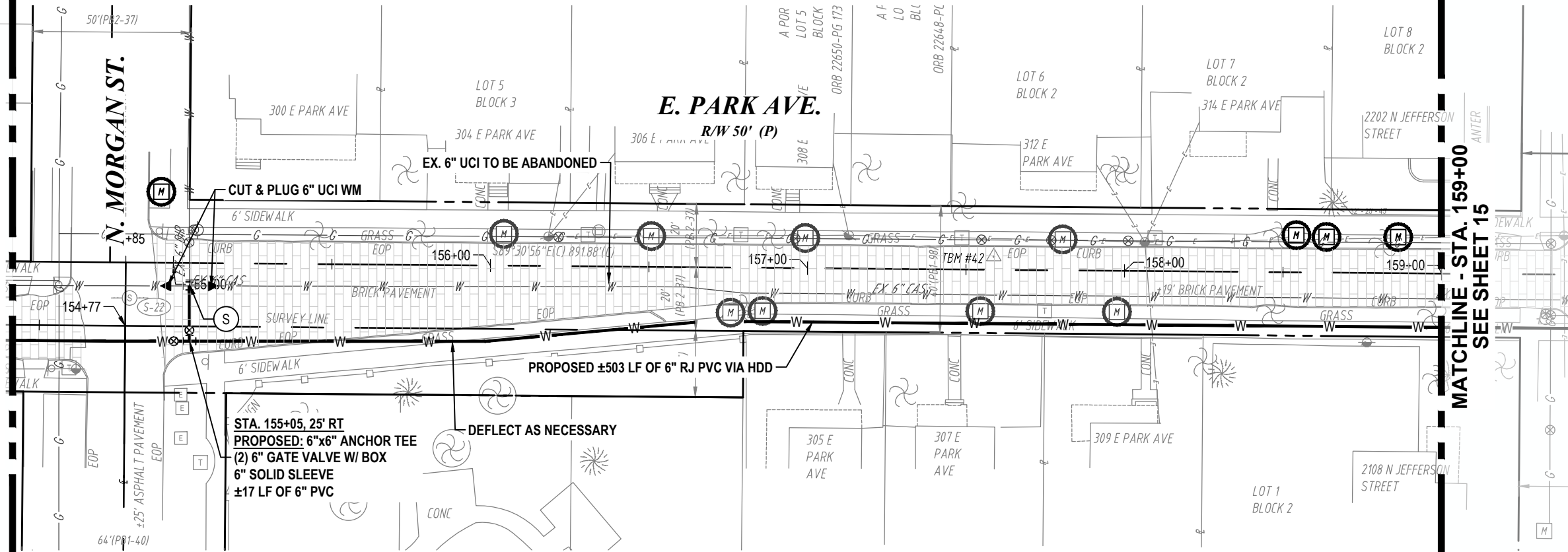
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A PORTION OF
LOT 4
BLOCK 4
28-PG 0251
PORTION OF
'T 6
OCK 4
MORGAN

**MATCHLINE - STA. 154+50 PARK AVE.
SEE SHEET 13**



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TAMPA, FLA. 33602
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JEFFERSON WATER MAIN IMPROVEMENT

E PARK AVE



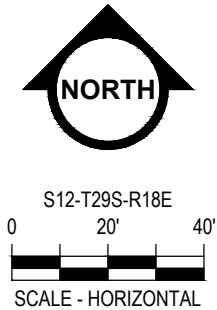
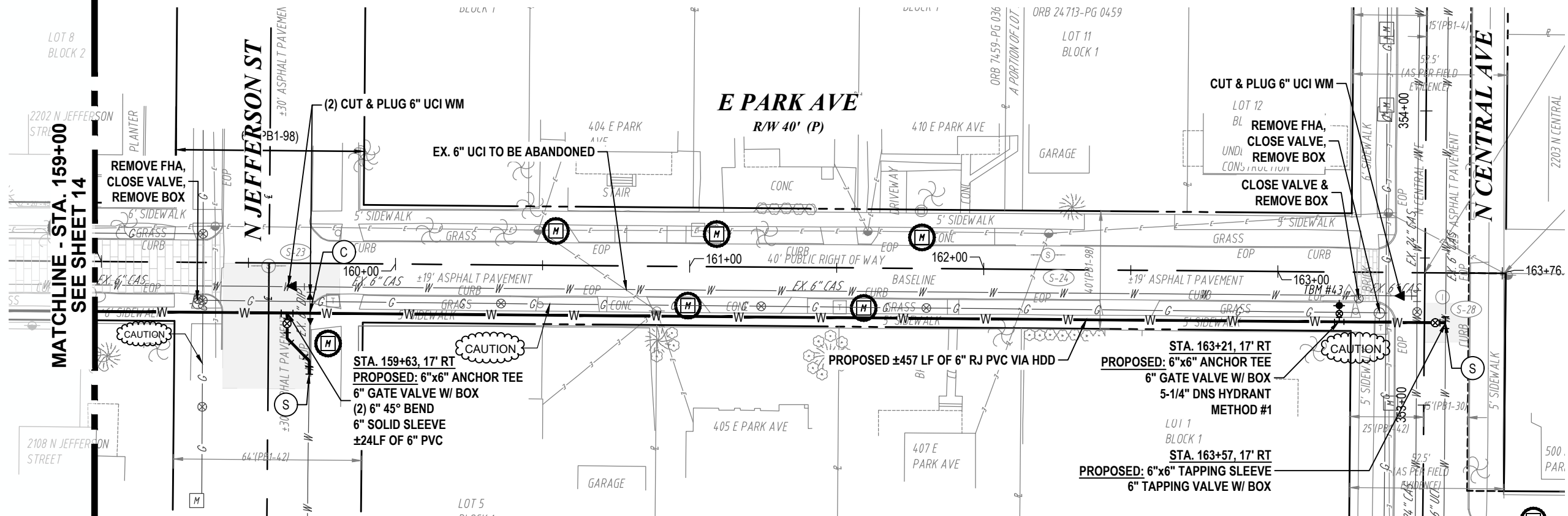
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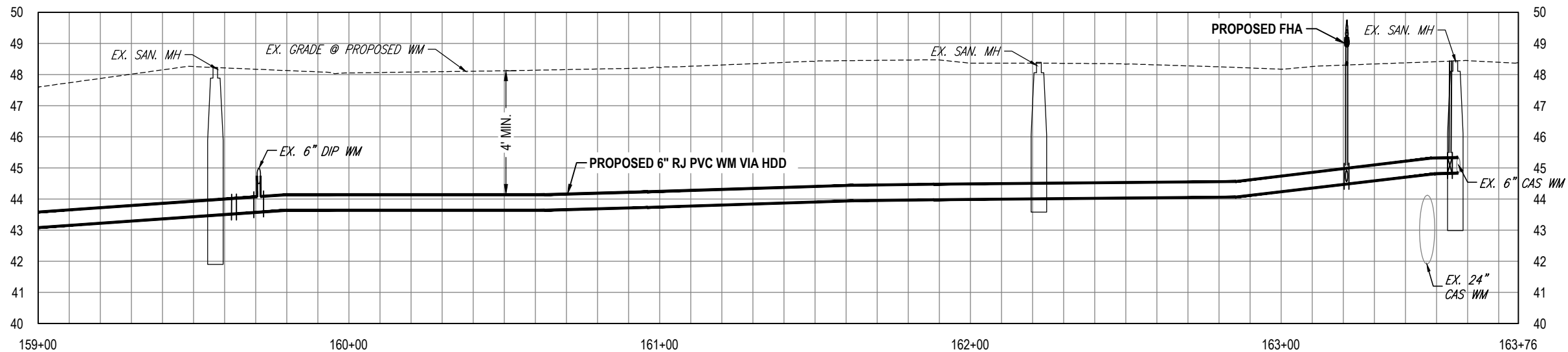
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LEGEND:
MILL & OVERLAY



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CITY OF TAMPA WATER DEPT.
711 E. HENDERSON AVE.
TAMPA, FLA. 33602
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DATE	08/21/2025

JEFFERSON WATER MAIN IMPROVEMENT

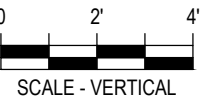
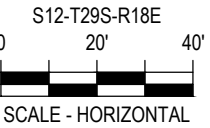
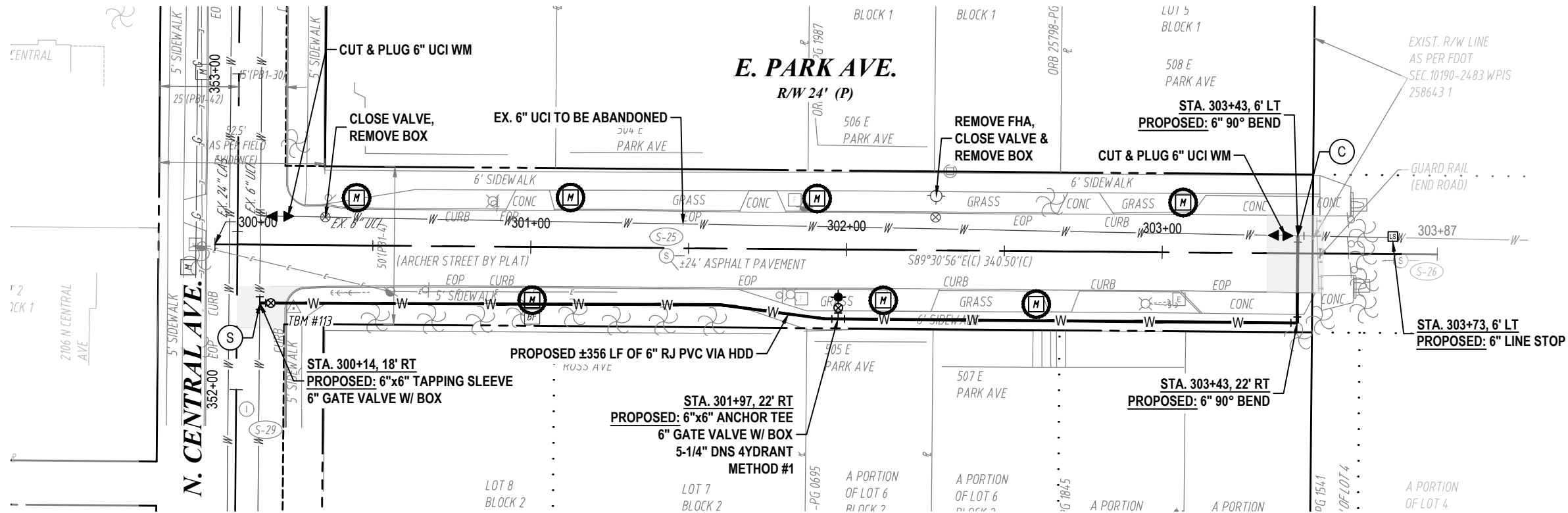
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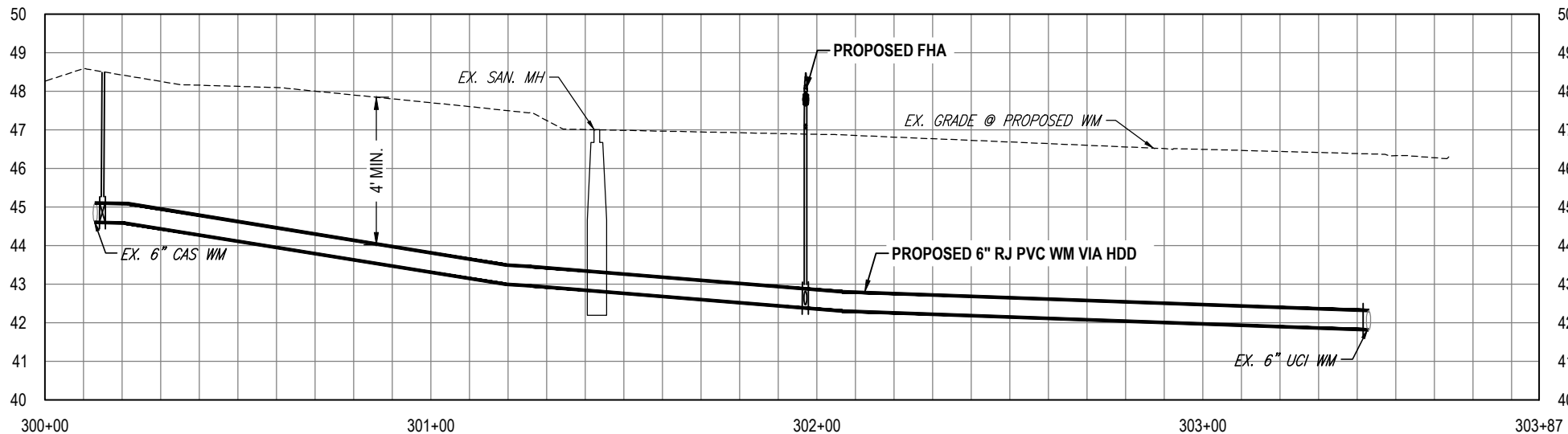
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LEGEND:
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TAMPA, FLA. 33602
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JEFFERSON WATER MAIN IMPROVEMENT

E PARK AVE



100% PLANS

WORK ORDER NO. WTR-21-0015

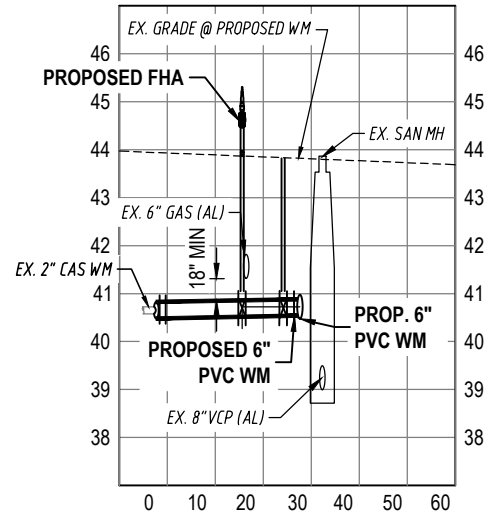
RECORD DWG. NO.

ATLAS PAGE G12/H12 SHEET 16 OF 28

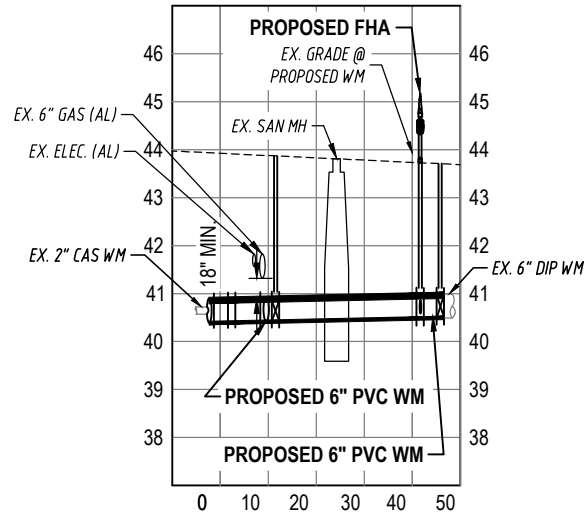


S12-T29S-R18E
0 20' 40'
SCALE - HORIZONTAL

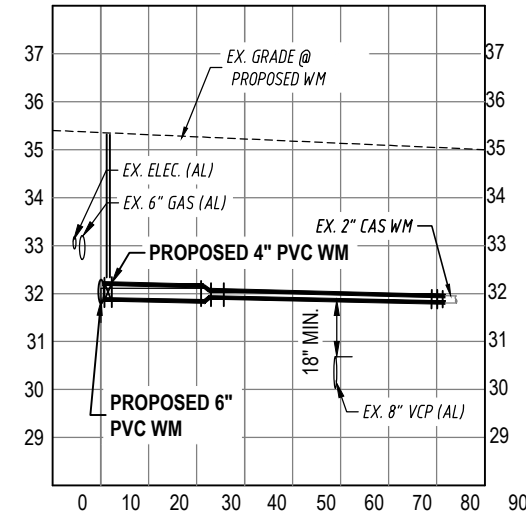
0 2' 4'
SCALE - VERTICAL



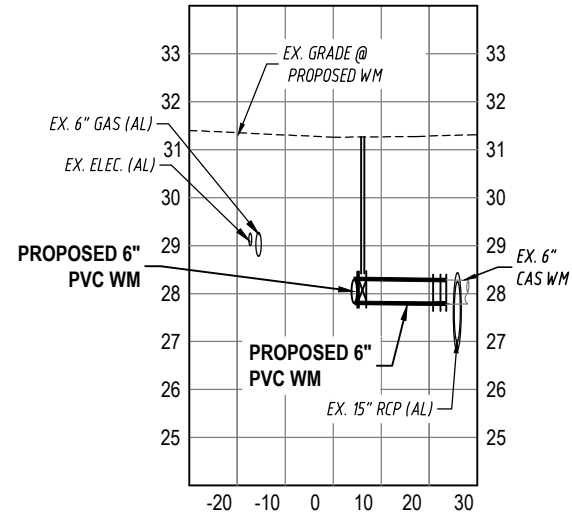
CROSS SECTION A-A
LOOKING WEST @ E FOREST AVE
STA. 52+45



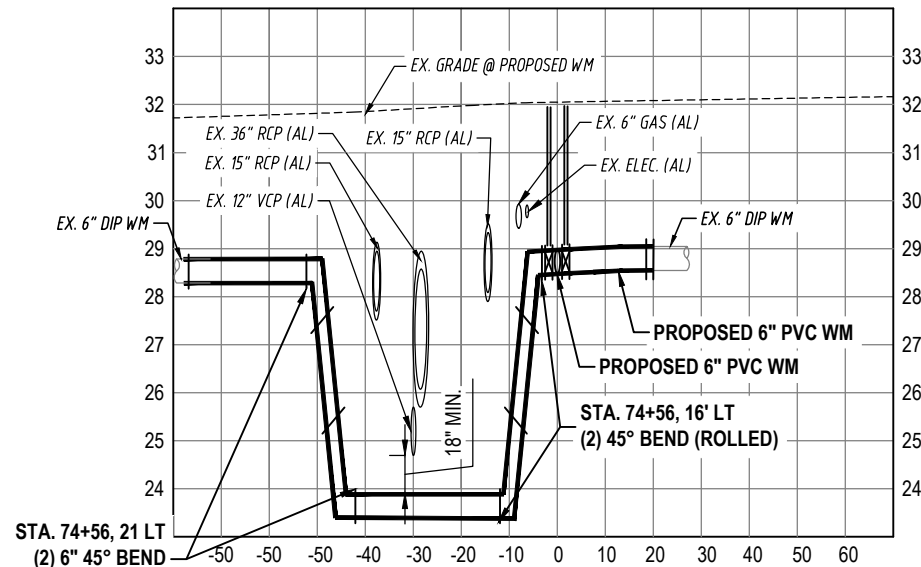
CROSS SECTION B-B
LOOKING WEST @ E GLADYS ST
STA. 56+51



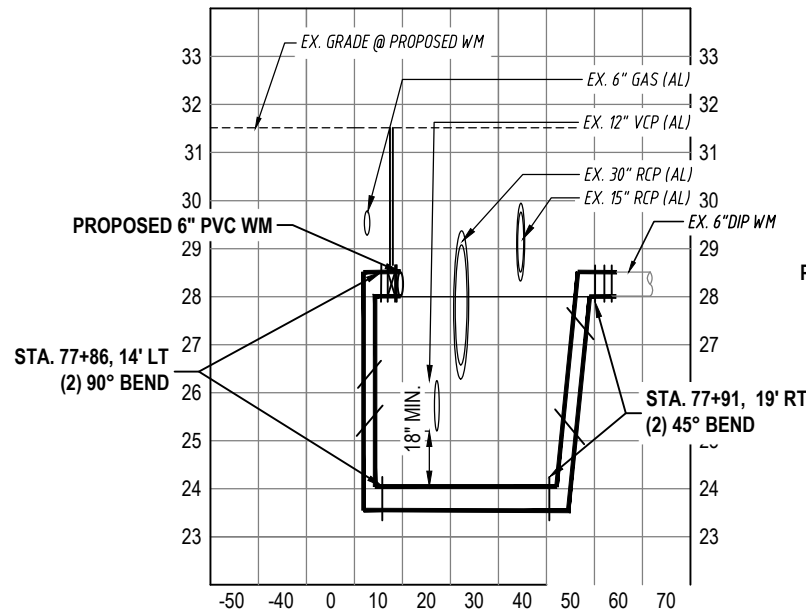
CROSS SECTION C-C
LOOKING WEST @ E ADALEE ST
STA. 69+59



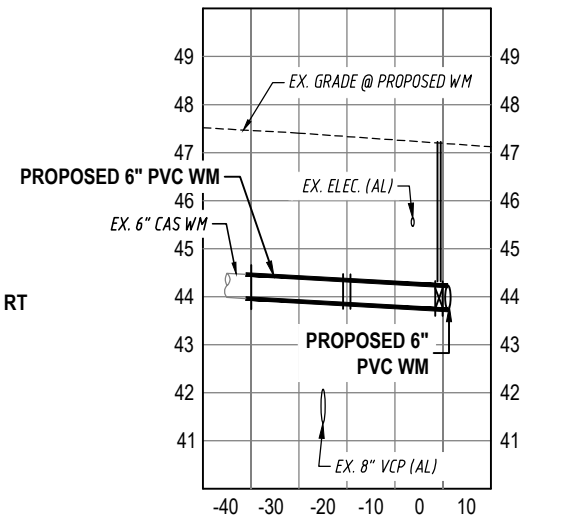
CROSS SECTION D-D
LOOKING WEST @ E PLYMOUTH ST
STA. 72+08



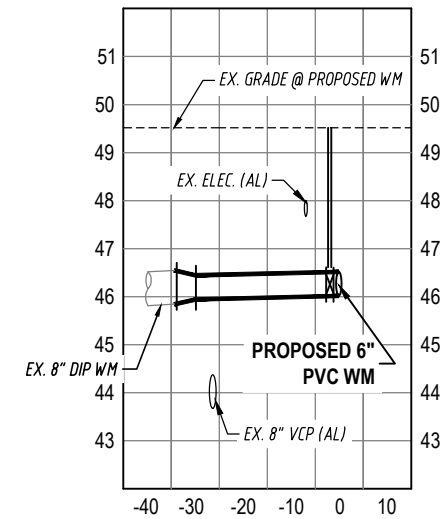
CROSS SECTION E-E
LOOKING WEST @ E JANETTE AVE
STA. 74+56



CROSS SECTION F-F
LOOKING WEST @ E 26TH AVE
STA. 77+86



CROSS SECTION H-H
LOOKING NORTH @ N GROVE AVE
STA. 253+46



CROSS SECTION J-J
LOOKING NORTH @ N JEFFERSON AVE
STA. 209+58

ANDRÉ J. BIEN-AIMÉ, P.E.
CITY OF TAMPA WATER DEPT.
711 E. HENDERSON AVE.
TAMPA, FLA. 33602
P.E. #84160

REV NO.	DATE	DESCRIPTION	BY
1	05/21/2025	DESIGNED NP	
2	05/21/2025	DRAWN SVM	
3	05/21/2025	CHECKED ABA	
4	05/21/2025	DATE 05/21/2025	

JEFFERSON WATER MAIN IMPROVEMENT

CROSS SECTION



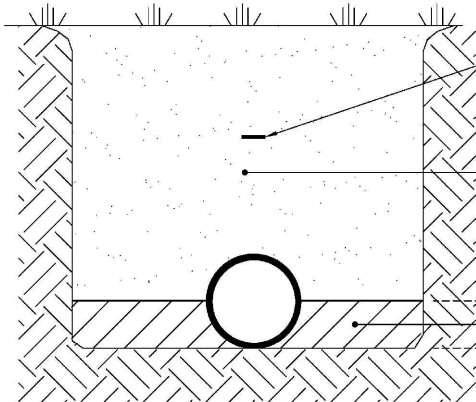
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ATLAS PAGE G12/H12 SHEET 21 OF 28

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DETECTABLE WARNING TAPE
(12" BELOW FINISHED/FINAL GRADE)

SUITABLE BACKFILL COMPACTED IN
12-INCH LIFTS TO A MINIMUM 95% OF
THE MAXIMUM MODIFIED PROCTOR
DENSITY

COMPACTION BY HAND IN LAYERS OF
6 INCHES, LIGHTLY CONSOLIDATED
TO CENTERLINE

NOTES:

- TRENCH IS DEFINED AS A FLAT-BOTTOM TRENCH. LIGHTLY CONSOLIDATE BACKFILL TO CENTERLINE OF PIPE.
- THIS STANDARD SHALL BE UTILIZED IN THE ABSENCE OF SPECIFIC STANDARDS. THE STANDARD OF THE AGENCY CONTROLLING THE RIGHT-OF-WAY SHALL GOVERN UNLESS OTHERWISE DIRECTED BY CITY ENGINEER.
- SUITABLE BACKFILL SHALL BE DEFINED AS MATERIAL FREE FROM CINDERS, ASHES, REFUSE, CLAY, ORGANIC MATTER, BOULDERS, ROCKS OR STONES, OR OTHER MATERIAL THAT IN THE OPINION OF THE CITY ENGINEER IS UNSUITABLE.
- NON-PAVED AREA IS A PERVIOUS AREA. IF ANY PART OF THE TRENCH IS WITHIN A CONCRETE OR ASPHALT CURB, SIDEWALK, DRIVEWAY, OR ROADWAY, THEN STANDARD DETAIL 2.01 APPLIES.



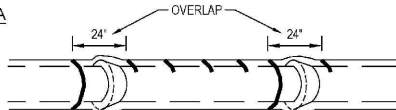
LAST REVISION

MAY 2021

TRENCHING, BEDDING, AND BACKFILL DETAIL
FOR PERVIOUS (NON-PAVED) AREAS

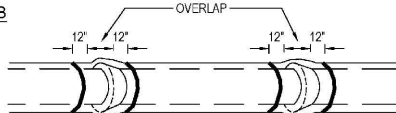
2.02

METHOD A



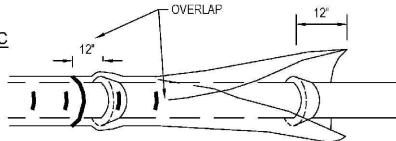
POLYETHYLENE TUBE IS CUT INTO LENGTHS APPROXIMATELY TWO FEET LONGER THAN THE PIPE SECTION AND PLACED AROUND IT. AFTER THE PIPE JOINT IS ASSEMBLED, THE POLYETHYLENE TUBE IS MADE TO OVERLAP THE JOINT AND THE OVERLAP SECURED IN PLACE. SINCE THE TUBE IS CONSIDERABLY LARGER THAN THE BARREL OF PIPE, IT IS MADE TO FIT SNUGLY BY FOLDING OVER AT THE TOP AND SECURING WITH TAPE EVERY 24" ALONG THE PIPE SECTION.

METHOD B



POLYETHYLENE TUBE IS CUT ONE FOOT SHORTER THAN THE LENGTH OF THE PIPE SECTION. AFTER PLACEMENT OF THE PIPE, IT IS FOLDED AND SECURED SNUGLY OVERALL. A THREE FOOT LENGTH OF POLYETHYLENE TUBE PLACED OVER THE END OF THE PRECEEDING SECTION IS THEN PULLED IN PLACE OVER THE JOINT AFTER ASSEMBLY AND SECURED.

METHOD C



POLYETHYLENE SHEET IS CUT TO A LENGTH TWO FEET LONGER THAN THE PIPE SECTION. THE SHEET IS WRAPPED AROUND THE PIPE SO THAT IT OVERLAPS CIRCUMFERENTIALLY OVER THE TOP QUADRANT OF THE PIPE, THEN SECURED. AFTER JOINT ASSEMBLY, THE SURPLUS LENGTH OF POLYETHYLENE FILM IS SECURED AROUND THE JOINT, PROVIDING AN OVERLAP OF EACH JOINT. TAPE AT EACH JOINT AND AT 3' INTERVALS IN BETWEEN.

NOTES:

- USE BLUE POLYETHYLENE FILM AND TAPE ONLY.
- POLYETHYLENE FILM SHALL BE A MINIMUM OF 8 MIL. THICKNESS.
- SPIRAL WRAP NOT REQUIRED WITH POLYWRAP.

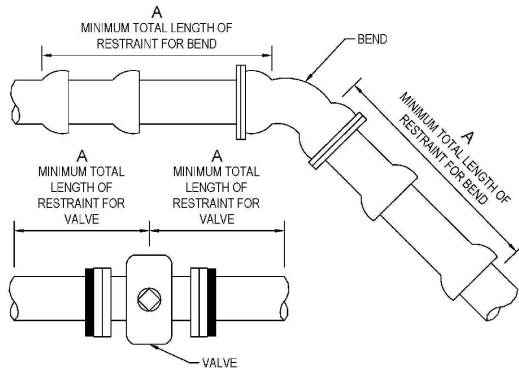
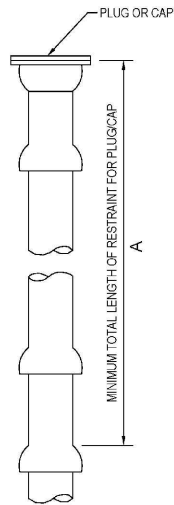


LAST REVISION

MAY 2021

POLYETHYLENE ENCASEMENT
INSTALLATION DETAIL

2.05



FITTING / PIPE	RESTRAIN "A" (LF)								
	4"	6"	8"	12"	16"	20"	24"	30"	36"
11-1/4"	4	5	8	10	11	13	15	19	21
22-1/2"	8	11	15	20	21	26	31	38	44
45° OFFSET	16	23	30	43	46	55	65	78	91
90°	39	55	73	103	109	133	156	189	220
PLUG/CAP/VALVE*	69	98	128	179	179	218	255	306	356
A = MINIMUM FOOTAGE OF PIPE TO BE RESTRAINED									
* = FOR IN-LINE VALVE, RESTRAINT LENGTH "A" REQUIRED BOTH WAYS FROM VALVE									

NOTES:

- THIS TABLE IS BASED ON:
 - MAXIMUM TEST PRESSURE OF 190 PSI
 - LAYING CONDITION TYPE 2 (SEE DETAILS 2.01 AND 2.02)
 - POOR SOIL CONDITIONS
 - USING D.I.P.
 - 3 FEET OF COVER FOR 12" AND SMALLER MAINS; 4 FEET OF COVER FOR 16" AND LARGER MAINS
 - HORIZONTAL BENDS ONLY - ENGINEER TO SUBMIT CALCULATIONS FOR VERTICAL RESTRAINTS
- "RESTRAINED" PIPE SHALL BE MANUFACTURED RESTRAINED JOINT PIPE, PUSH-ON JOINT PIPE RESTRAINED W/GASKET-TYPE "GRIPPER RESTRAINTS", OR MECHANICAL JOINT PIPE RESTRAINED BY MEGALUG (OR APPROVED EQUIVALENT).
- ANY ADDITIONAL FITTINGS WITHIN THE RESTRAINED SECTION SHALL BE RESTRAINED ACCORDINGLY.



LAST REVISION

MAY 2021

RESTRAINED JOINT STANDARD FOR
BENDS, PLUGS, CAPS, AND VALVES

2.11

ANDRÉ J. BIEN-AIMÉ, P.E.
CITY OF TAMPA WATER DEPT.
711 E. HENDERSON AVE.
TAMPA, FLA. 33602
P.E. #84160

REV NO.	DATE	DESCRIPTION	BY
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DESIGNED NP
DRAWN SVM
CHECKED ABA
DATE 08/21/2025

JEFFERSON WATER MAIN IMPROVEMENT

DETAILS



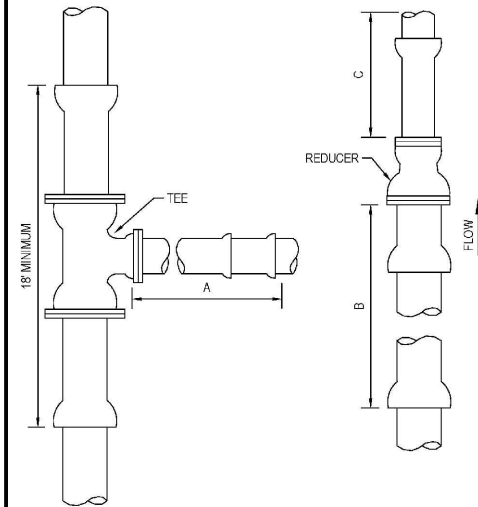
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WORK ORDER NO. WTR-21-0015

RECORD DWG. NO.

ATLAS PAGE G12/H12 SHEET 22 OF 28

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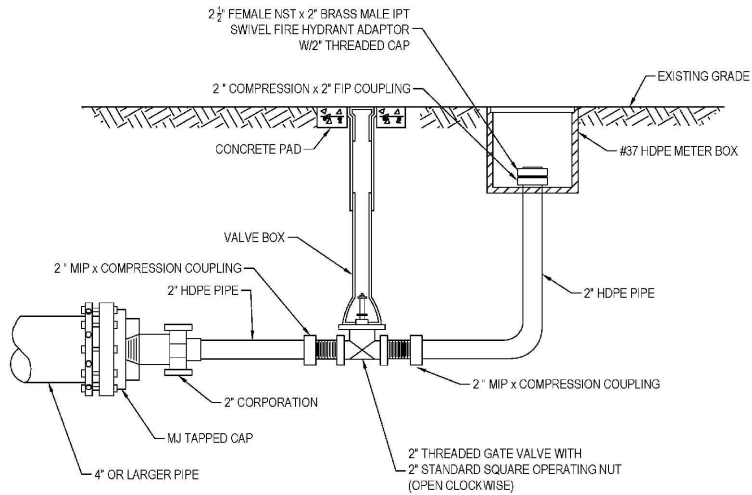


- NOTES:
- THIS TABLE IS BASED ON:
 - MAXIMUM TEST PRESSURE OF 190 PSI
 - LAYING CONDITION TYPE 2 (SEE DETAILS 2.01 AND 2.02)
 - POOR SOIL CONDITIONS
 - USING D.I.P.
 - 3 FEET OF COVER FOR 12" AND SMALLER MAINS; 4 FEET OF COVER FOR 16" AND LARGER MAINS
 - HORIZONTAL BENDS ONLY - ENGINEER TO SUBMIT CALCULATIONS FOR VERTICAL RESTRAINTS
 - RESTRAINT FOR REDUCERS: IF "C" STRAIGHT RUN OF PIPE DOWNSTREAM OF REDUCER NOT AVAILABLE, THE RESTRAIN "B" UPSTREAM OF REDUCER.
 - "RESTRAINED" PIPE SHALL BE MANUFACTURED RESTRAINED JOINT PIPE, PUSH-ON JOINT PIPE RESTRAINED W/GASKET-TYPE "GRIPPER RESTRAINTS", OR MECHANICAL JOINT PIPE RESTRAINED BY MEGALUG (OR APPROVED EQUIVALENT).
 - ANY ADDITIONAL FITTINGS WITHIN THE RESTRAINED SECTION SHALL BE RESTRAINED ACCORDINGLY.

FITTING SIZE	RESTRAIN (LF)		UNRESTRAINED STRAIGHT RUN (LF)
	TEE "A"	REDUCER "B"	REDUCER "C"
4x4	31	*	*
6x4	14	50	74
6x6	60	*	*
8x4	A.T.	91	178
8x6	48	54	70
8x8	90	*	*
12x4	A.T.	155	455
12x6	24	130	260
12x8	71	95	144
12x12	143	*	*
16x6	A.T.	151	401
16x8	34	130	265
16x12	96	76	103
16x16	148	*	*
20x6	A.T.	195	659
20x8	18	180	461
20x12	85	136	233
20x16	139	76	96
20x20	186	*	*
24x6	A.T.	236	971
24x8	A.T.	224	700
24x12	74	188	391
24x16	130	139	215
24x20	180	76	93
24x24	224	*	*
30x6	A.T.	293	1534
30x8	A.T.	283	1130
30x12	56	255	678
30x16	118	216	425
30x20	169	168	260
30x24	215	108	138
30x30	275	*	*
36x6	A.T.	345	2230
36x8	A.T.	336	1560
36x12	38	314	1030
36x16	104	283	689
36x20	159	244	465
36x24	206	195	306
36x30	269	108	133
36x36	326	*	*

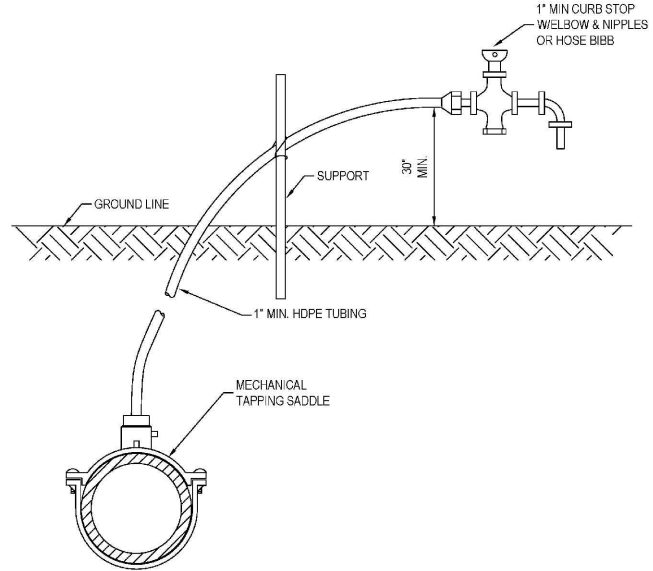
A.T. = RESTRAINT REQUIRED AT TEE ONLY. * = NOT APPLICABLE

	LAST REVISION	RESTRAINED JOINT STANDARD FOR TEES AND REDUCERS	2.12A
	MAY 2021		



BLOW-OFF FOR ≥ 4" MAINS
NO GALVANIZED PIPES OR FITTINGS ALLOWED.
SCHEDULE 80 PVC ALLOWED.

	LAST REVISION	BLOW-OFF VALVE ASSEMBLY FOR ≥ 4" MAINS W/DI, CI OR PVC PIPE	2.17A
	MAY 2021		



- NOTES:
- WATER OUTLET SHALL BE HELD UP OFF THE GROUND SO AS NOT TO INTERFERE WITH THE SAMPLING PROCESS.
 - CORPORATION STOP TO BE REMOVED AND BRASS PLUG INSTALLED IN TAPPED MAIN AFTER OPERATION.

	LAST REVISION	TEMPORARY SAMPLE TAP INSTALLATION W/DI, CI, OR PVC PIPE	2.18A
	MAY 2021		

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CITY OF TAMPA WATER DEPT.
711 E. HENDERSON AVE.
TAMPA, FLA. 33602
P.E. #84160

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.	.	.	.	DATE	08/21/2025

JEFFERSON WATER MAIN IMPROVEMENT

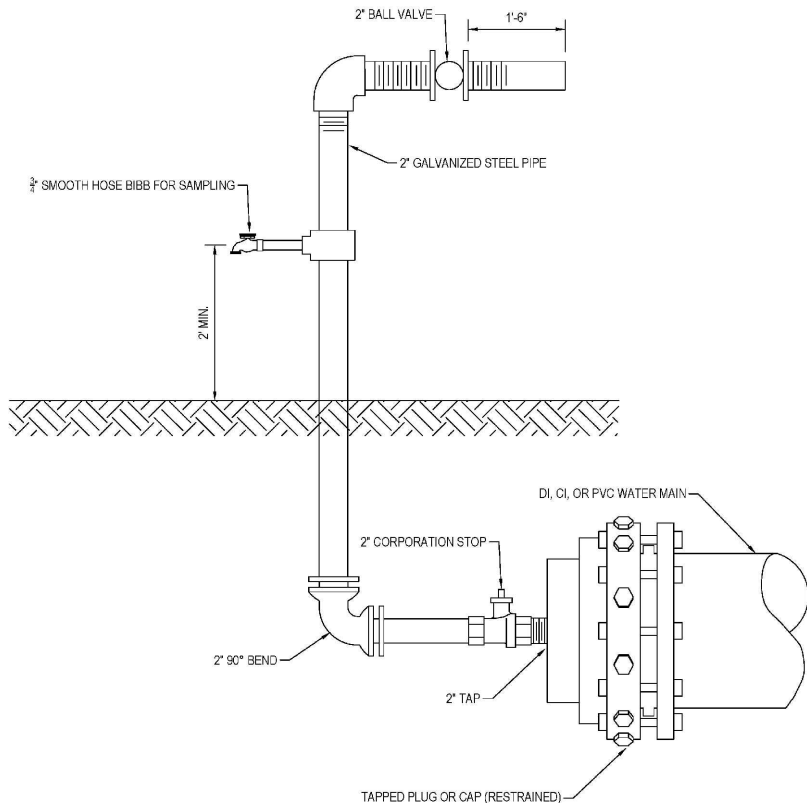
DETAILS



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WORK ORDER NO.	WTR-21-0015
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NOTES:

1. FOR DEAD-END MAINS, SAMPLE TAP TO BE INSTALLED ON A 2" TAPPED CAP/PLUG.
2. FLUSHING/SAMPLING ARRANGEMENT TO BE REMOVED AFTER DISINFECTION OF MAIN LINE.
3. AFTER OPERATION COMPLETE, INSTALL BRASS PLUG AT CORPORATION STOP.

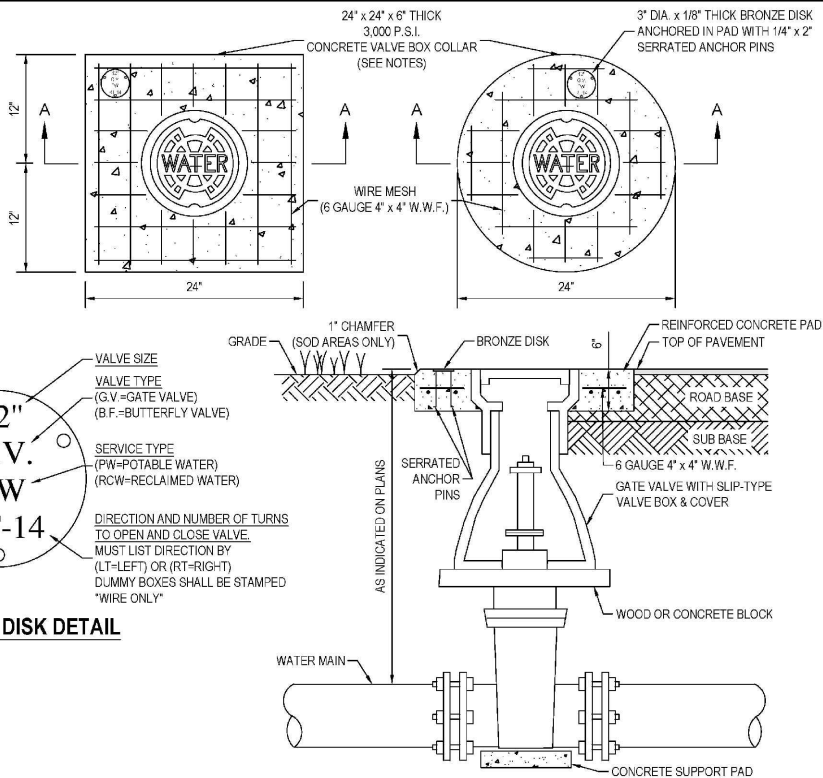


LAST REVISION

MAY 2021

TEMPORARY SAMPLE TAP
INSTALLATION FOR END OF LINE
W/DI, CI, OR PVC PIPE

2.19A



BRONZE DISK DETAIL

NOTES :

1. CIRCULAR OR SQUARE CONCRETE PAD REQUIRED FOR ALL VALVE BOX INSTALLATIONS IN PERVIOUS AREAS (I.E. OUTSIDE OF ROADWAY PAVEMENT, OUTSIDE OF CONCRETE/ASPHALT DRIVEWAYS, ETC.)
2. CAST IRON VALVE BOXES SHALL BE FIRMLY SUPPORTED AND CENTERED AND PLUMB OVER THE OPERATING NUT OF THE VALVE. VALVE BOX COVER SHALL BE FLUSH WITH THE SURFACE OF THE FINISHED PAVEMENT, OR GRADE OR AT SUCH OTHER LEVEL AS MAY BE DIRECTED BY THE DEPARTMENT.
3. "BLUE" WATER VALVE LOCATE MARKERS REQUIRED FOR ALL VALVE INSTALLATIONS.
4. EMBED BRONZE VALVE INFO DISK INTO CONCRETE VALVE BOX COLLAR.
5. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST T.W.D. APPROVED MATERIAL SPECIFICATIONS.
6. IF VALVE IS LOCATED WITHIN A SIDEWALK CONCRETE COLLAR MAY BE ELIMINATED AND DISK SET FLUSH DIRECTLY IN SIDEWALK.
7. BRONZE DISK REQUIRED FOR ALL VALVES AND DUMMY BOXES.

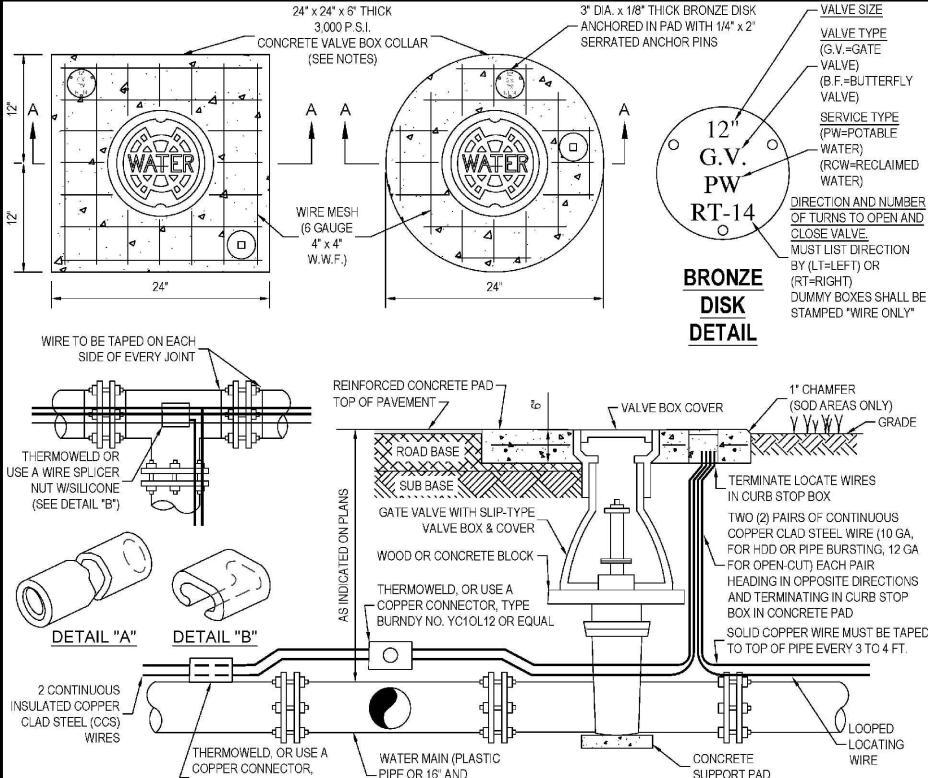


LAST REVISION

MAY 2021

VALVE INSTALLATION
W/VALVE BOX & PAD
FOR DI OR CI PIPE

3.01



BRONZE
DISK
DETAIL

NOTES:

1. CIRCULAR OR SQUARE CONCRETE PAD REQUIRED FOR ALL VALVE BOX INSTALLATIONS IN PERVIOUS AREAS (I.E. OUTSIDE OF ROADWAY PAVEMENT, OUTSIDE OF CONCRETE/ASPHALT DRIVEWAYS, ETC.)
2. CAST IRON VALVE BOXES SHALL BE FIRMLY SUPPORTED AND CENTERED AND PLUMB OVER THE OPERATING NUT OF THE VALVE. VALVE BOX COVER SHALL BE FLUSH WITH THE SURFACE OF THE FINISHED PAVEMENT, OR GRADE OR AT SUCH OTHER LEVEL AS MAY BE DIRECTED BY THE DEPARTMENT.
3. "BLUE" WATER VALVE LOCATE MARKERS REQUIRED FOR ALL VALVE INSTALLATIONS.
4. EMBED BRONZE VALVE INFO DISK INTO CONCRETE VALVE BOX COLLAR.
5. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST T.W.D. APPROVED MATERIAL SPECIFICATIONS.
6. IF VALVE IS LOCATED WITHIN A SIDEWALK CONCRETE COLLAR MAY BE ELIMINATED AND DISK SET FLUSH DIRECTLY IN SIDEWALK.
7. BRONZE DISK REQUIRED FOR ALL VALVES AND DUMMY BOXES.
8. ALL CONNECTIONS SHALL BE SEALED WITH A BITUMINOUS COATING FOR CORROSION PROTECTION.



LAST REVISION

MAY 2021

VALVE INSTALLATION W/VALVE BOX &
PAD FOR PLASTIC PIPE WITH DOUBLE
COPPER TRACER WIRE ON PIPE

3.02

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CITY OF TAMPA WATER DEPT.
711 E. HENDERSON AVE.
TAMPA, FLA. 33602
P.E. #84160

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DATE 08/21/2025

JEFFERSON WATER MAIN IMPROVEMENT

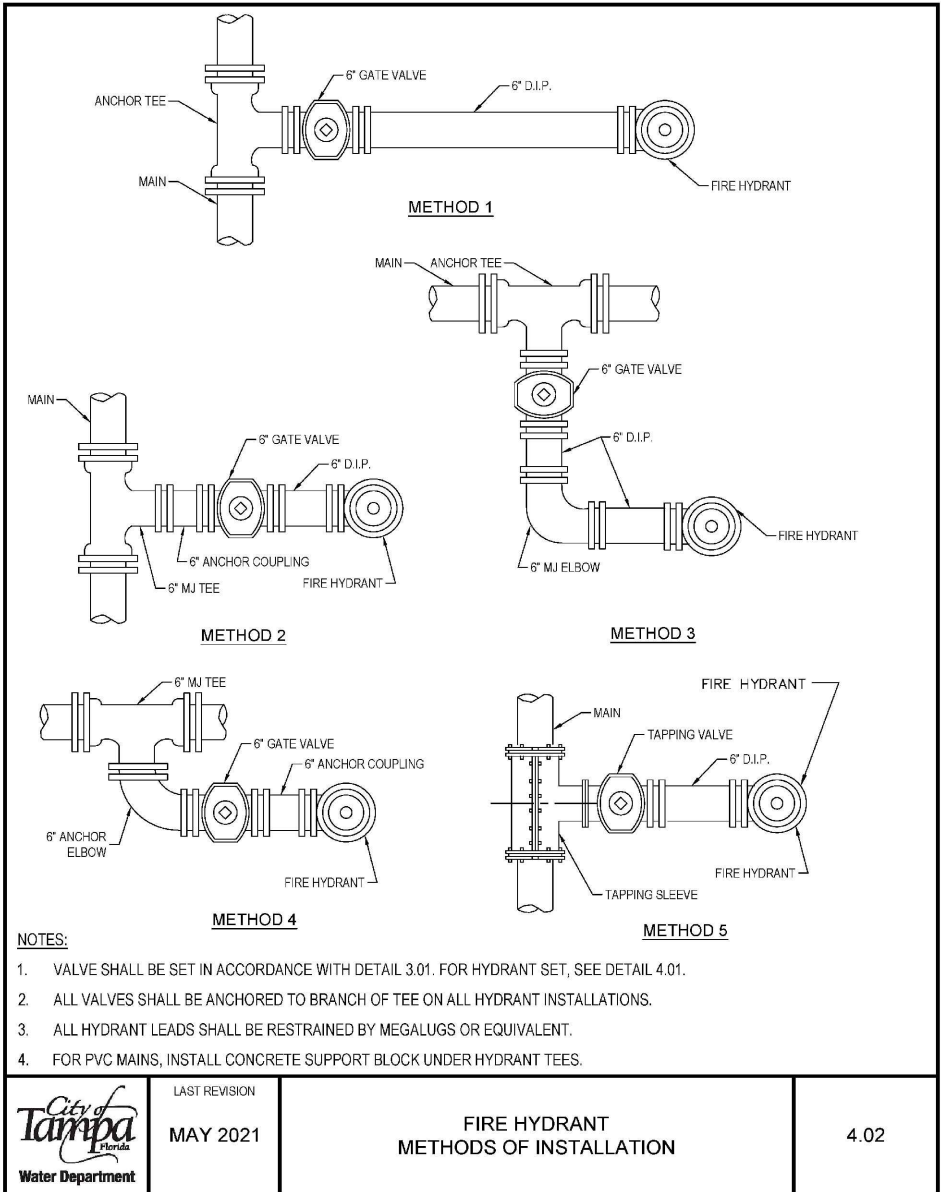
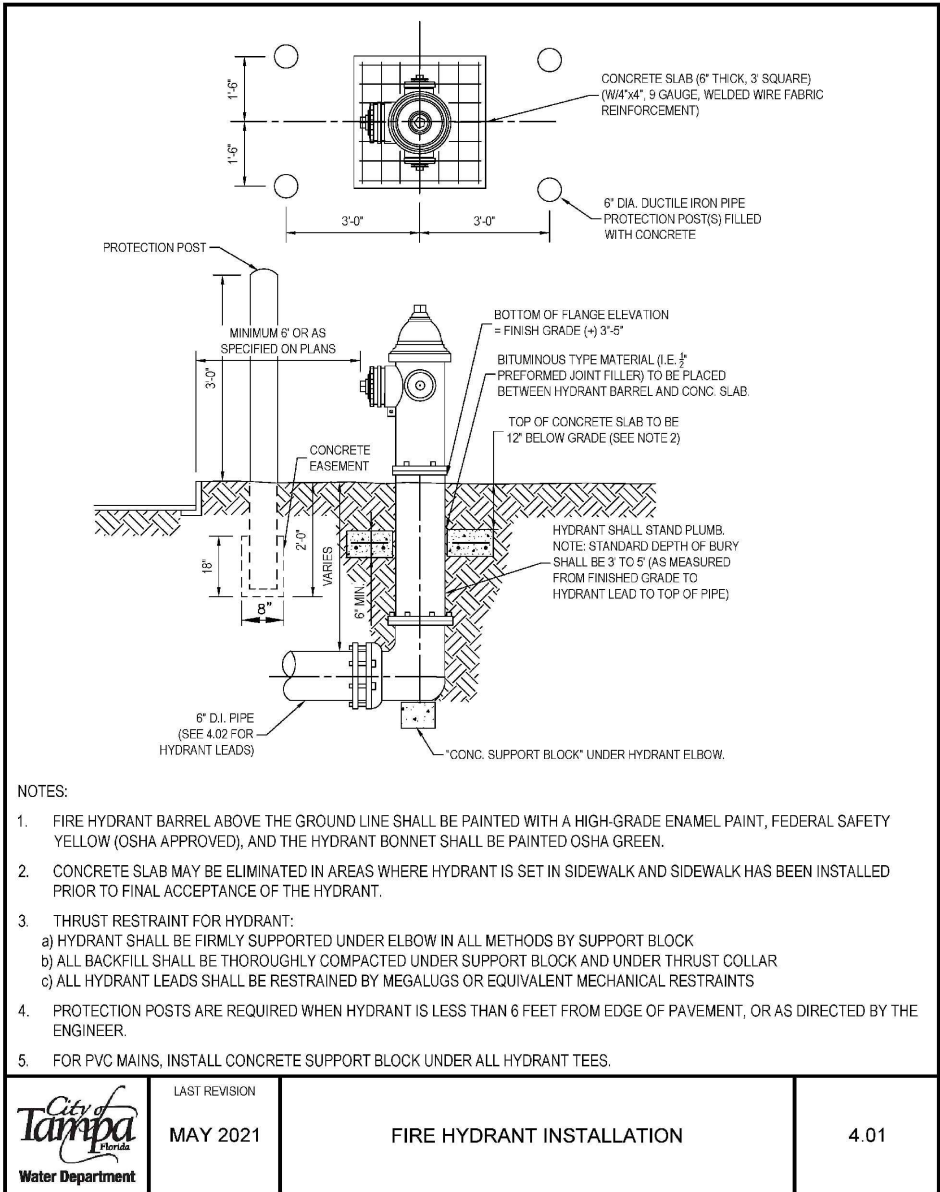
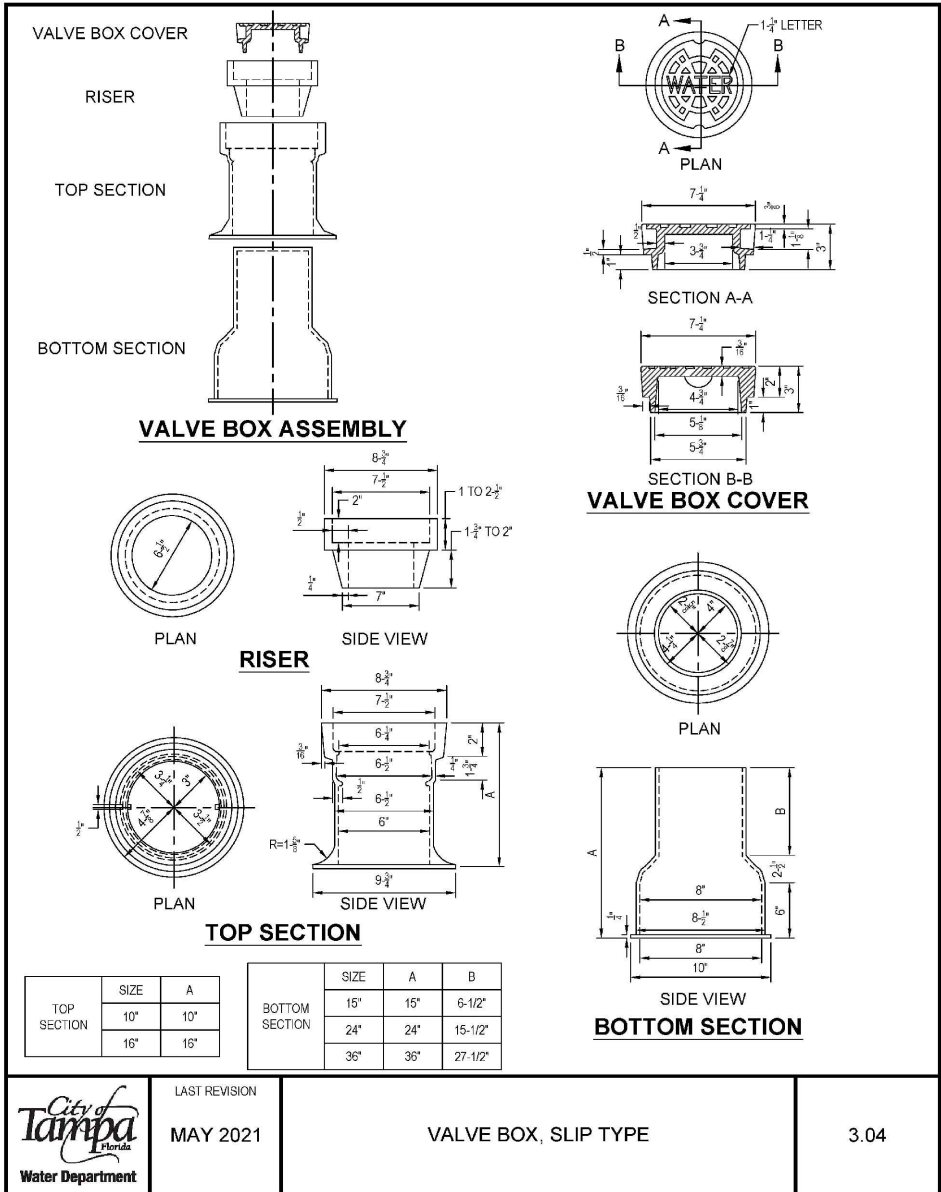
DETAILS



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WORK ORDER NO. WTR-21-0015
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CITY OF TAMPA WATER DEPT.
711 E. HENDERSON AVE.
TAMPA, FLA. 33602
P.E. #84160

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JEFFERSON WATER MAIN IMPROVEMENT

DETAILS

City of
Tampa
Florida
Water Department

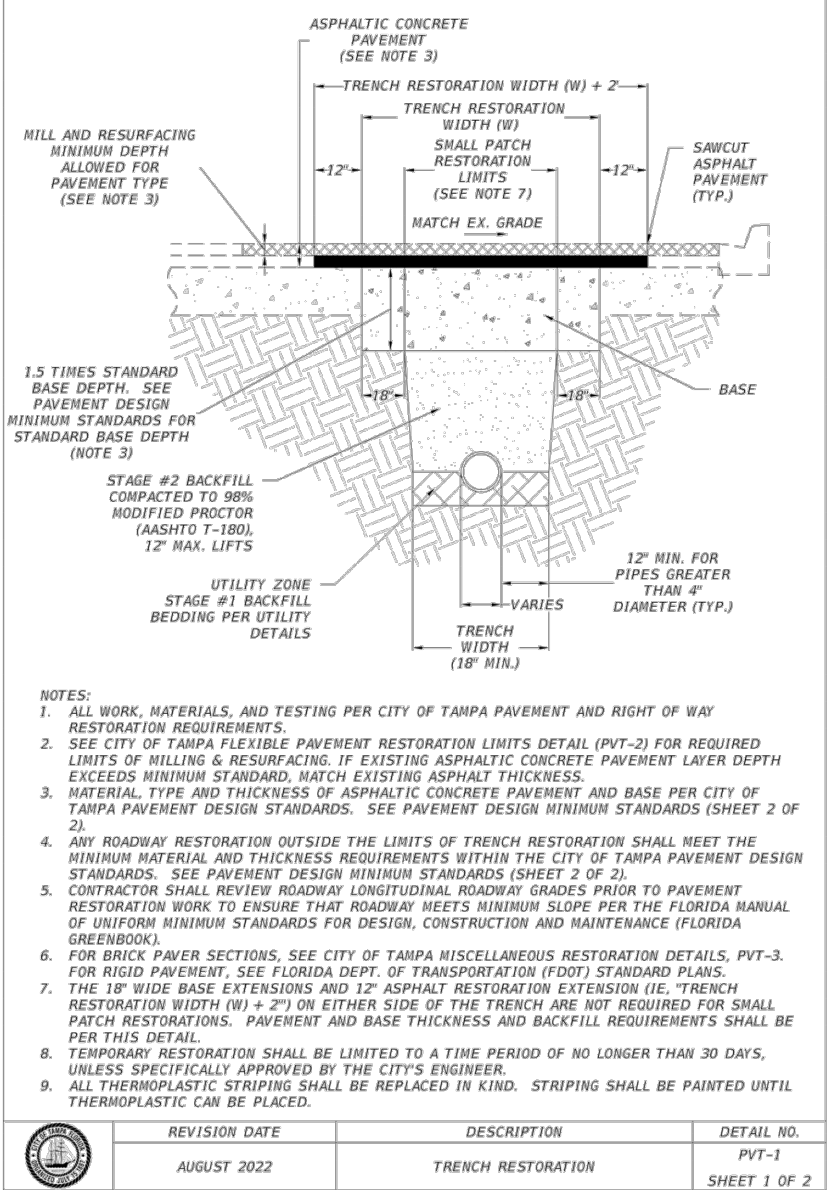
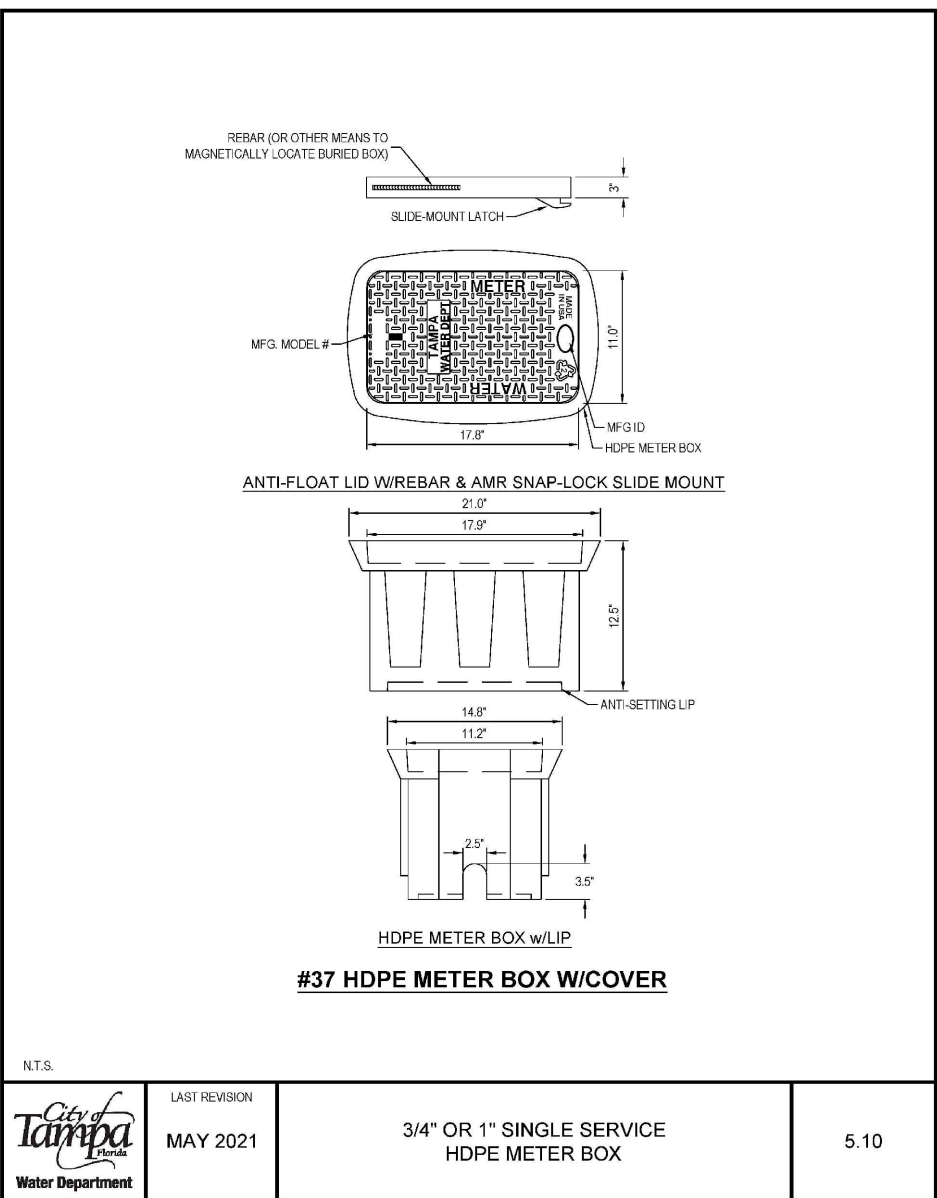
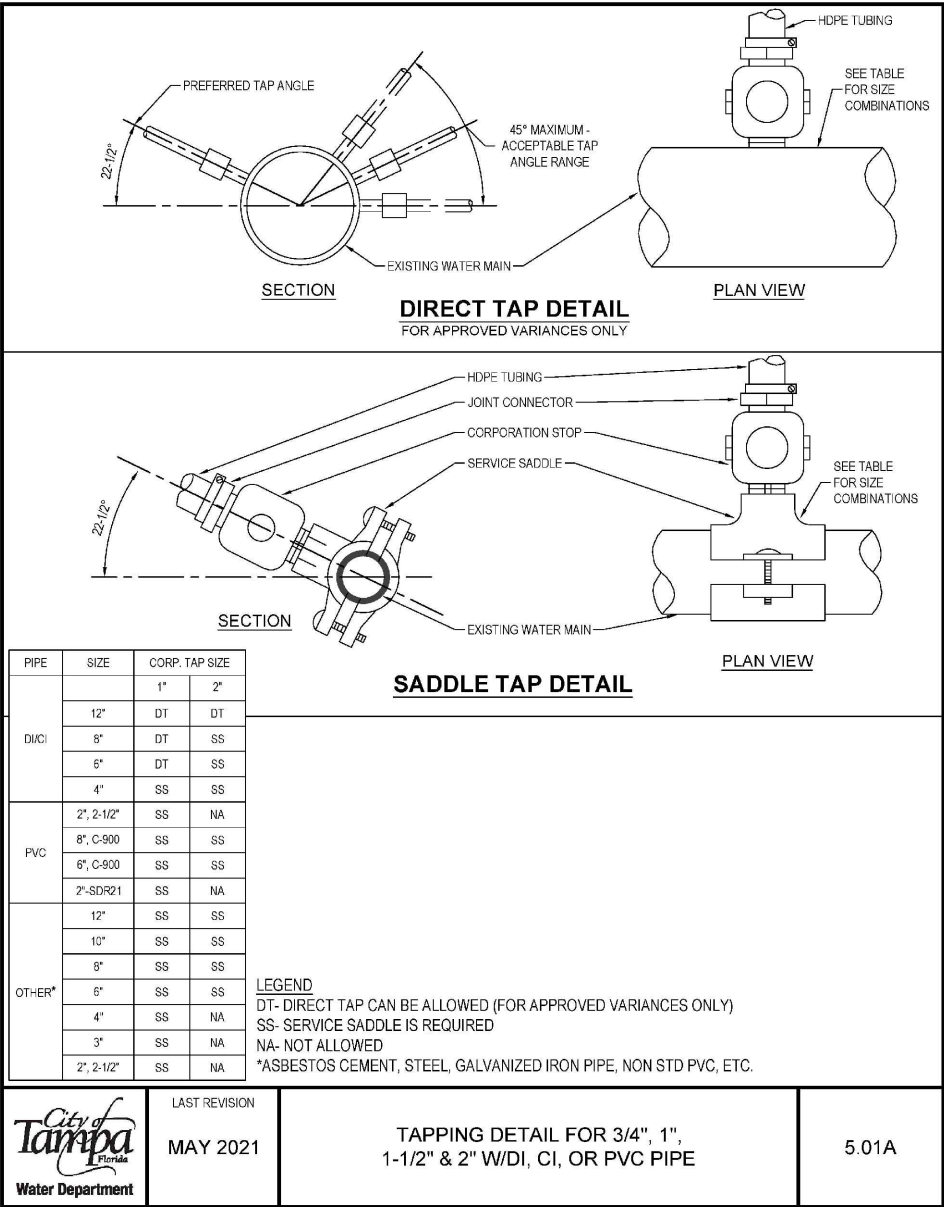
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WORK ORDER NO. WTR-21-0015

RECORD DWG. NO.

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CITY OF TAMPA WATER DEPT.
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WORK ORDER NO.	WTR-21-0015
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PAVEMENT DESIGN MINIMUM STANDARDS			
ROADWAY CLASSIFICATION	BASE MATERIAL	RIGID PAVEMENT	ASPHALTIC CONCRETE
ALLEY	6"	6"	1"
LOCAL	8"	6"	2"
NEIGHBORHOOD COLLECTOR	8"	6"	3"
COLLECTOR/ ARTERIAL	12" ¹⁶	8"	4" ¹⁶

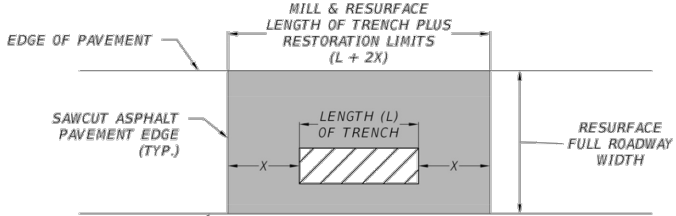
* MINIMUM PAVEMENT SECTIONS CAN BE MODIFIED WITH AN APPROVED PAVEMENT DESIGN SUBMITTED TO THE CITY OF TAMPA MOBILITY DEPT., TRANSPORTATION ENGINEERING DIVISION.

NOTES:

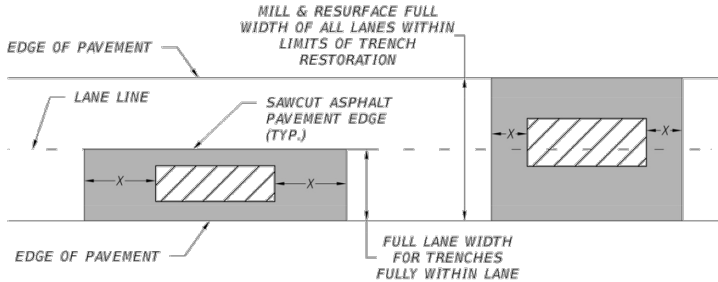
1. ALL WORK, MATERIALS, AND TESTING PER CITY OF TAMPA PAVEMENT AND RIGHT OF WAY RESTORATION REQUIREMENTS.
2. MATERIAL, TYPE AND THICKNESS OF ASPHALTIC CONCRETE PAVEMENT AND BASE PER CITY OF TAMPA PAVEMENT DESIGN STANDARDS.
3. ASPHALTIC CONCRETE SHALL BE TYPES SP-9.5 (TRAFFIC LEVEL C) OR SP-12.5 (TRAFFIC LEVEL C), ONLY. ARTERIALS SHALL USE SP-12.5, ONLY.
4. OPTIONAL BASE GROUP, INCLUDING ASPHALT BASE, PER FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION MAY BE USED IN LIEU OF STANDARD DEPTH. USE CORRESPONDING LR BASE THICKNESSES TO DETERMINE REQUIRED DEPTH.



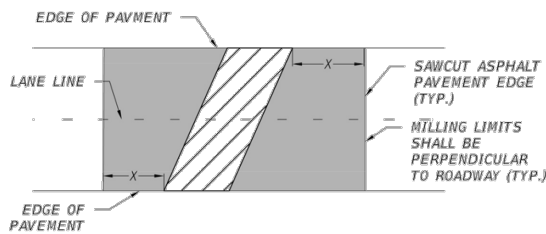
REVISION DATE	DESCRIPTION	DETAIL NO.
AUGUST 2022	PAVEMENT DESIGN	PVT-1 SHEET 2 OF 2



ALLEY/LOCAL ROAD RESTORATION



ALL OTHER CLASSIFICATION ROAD RESTORATION



TRANSVERSE TRENCHES

TRENCH RESTORATION LIMITS
(N.T.S.)

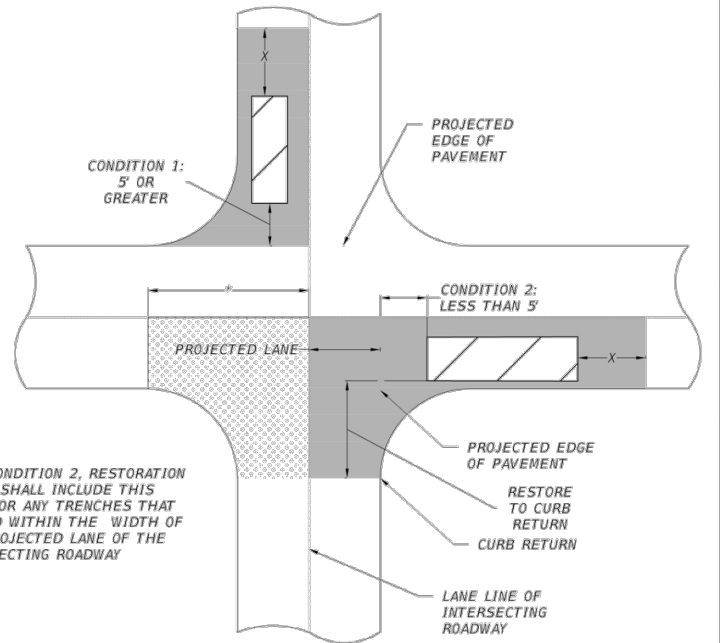
RESURFACING LIMITS	
ROADWAY CLASSIFICATION	LENGTH, X (LF)
ALLEY/LOCAL	5
ALL OTHER CLASSIFICATIONS	10

LEGEND

LIMITS OF TRENCH RESTORATION	
LIMITS OF MILL AND RESURFACE	



REVISION DATE	DESCRIPTION	DETAIL NO.
AUGUST 2022	FLEXIBLE PAVEMENT RESTORATION LIMITS	PVT-2 SHEET 1 OF 2



TRENCHES AT INTERSECTIONS

NOTES:

1. RESURFACING LIMITS "X" ACCORDING TO TRENCH RESTORATION LIMITS DETAIL, PVT-2 (SHEET 1 OF 2).

RESTORATION WORK AT INTERSECTIONS
(N.T.S.)

LEGEND

LIMITS OF TRENCH RESTORATION	
LIMITS OF MILL AND RESURFACE	



REVISION DATE	DESCRIPTION	DETAIL NO.
AUGUST 2022	FLEXIBLE PAVEMENT RESTORATION LIMITS	PVT-2 SHEET 2 OF 2

ANDRÉ J. BIEN-AIMÉ, P.E.
CITY OF TAMPA WATER DEPT.
711 E. HENDERSON AVE.
TAMPA, FLA. 33602
P.E. #84160

REV NO.	DATE	DESCRIPTION	BY
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DESIGNED NP
DRAWN SVM
CHECKED ABA
DATE 08/21/2025

JEFFERSON WATER MAIN IMPROVEMENT

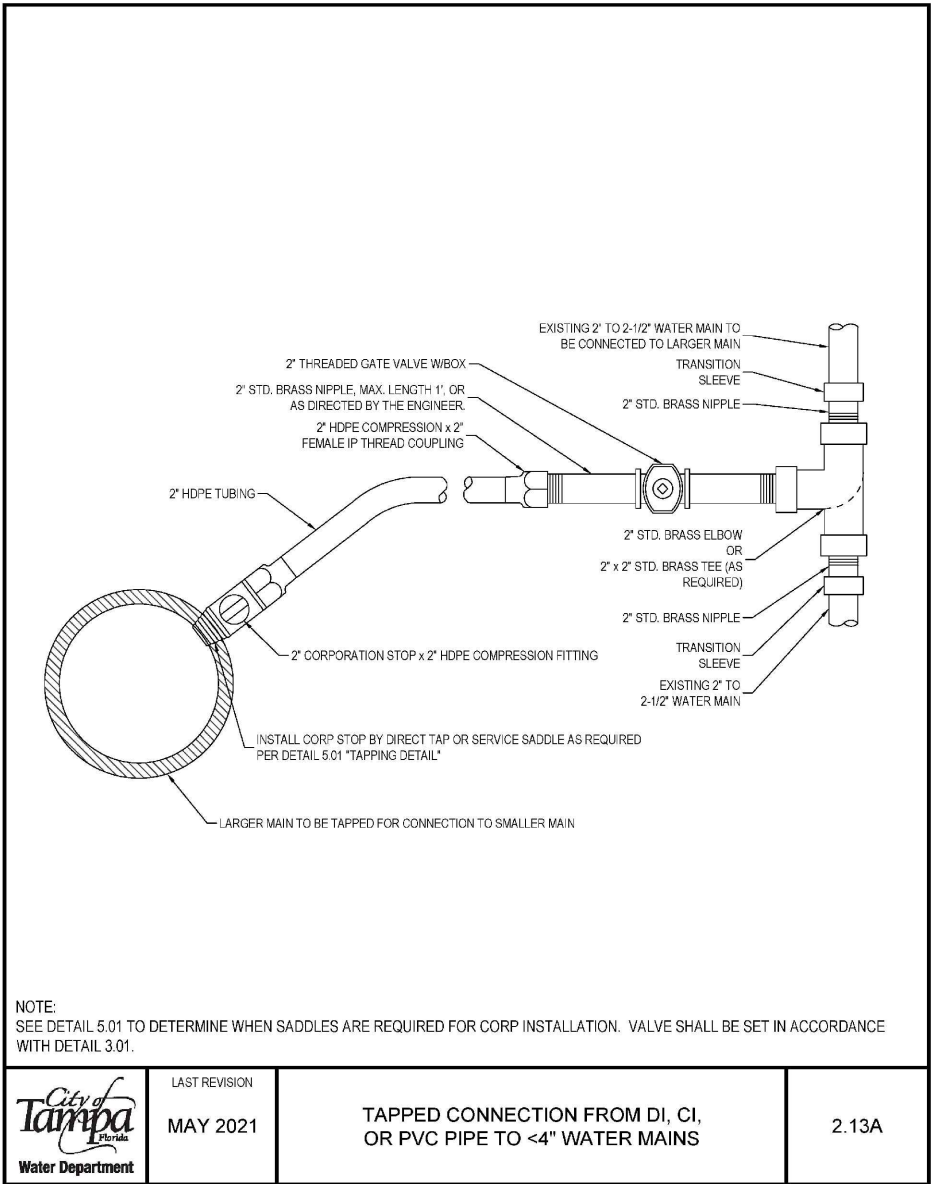
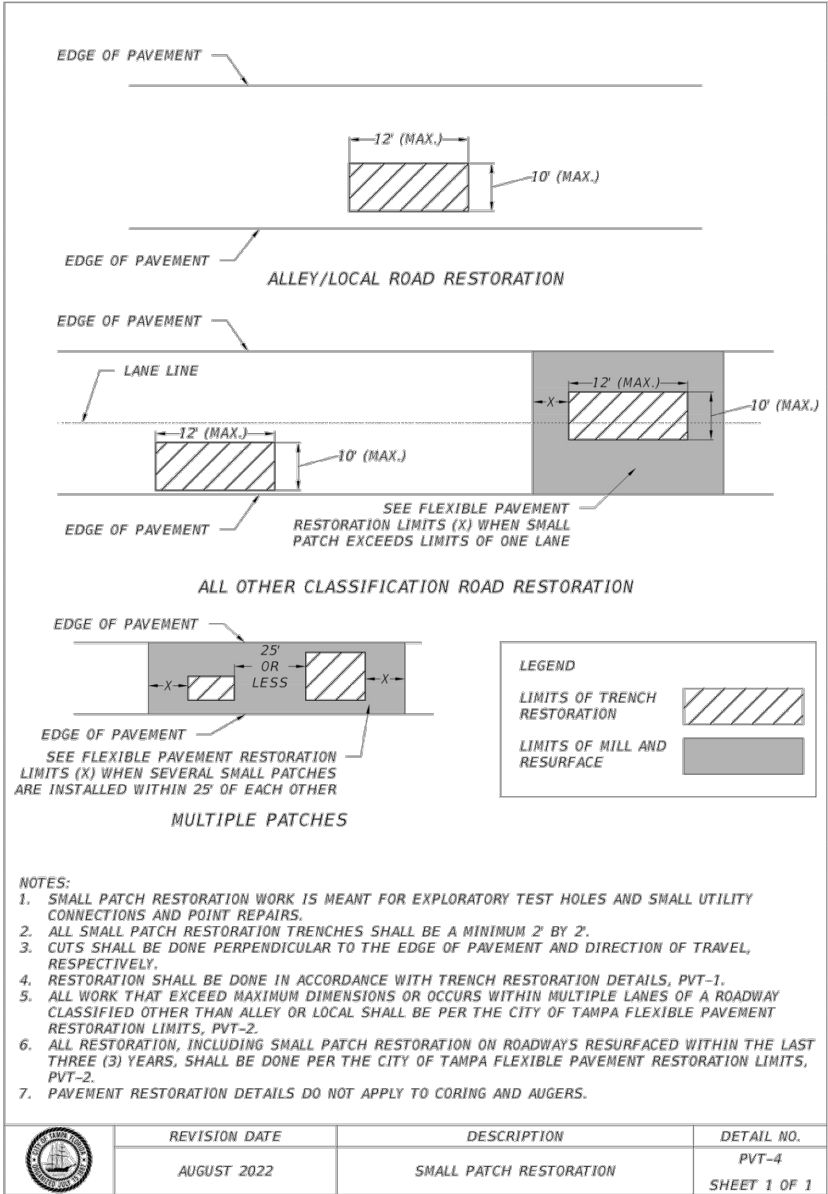
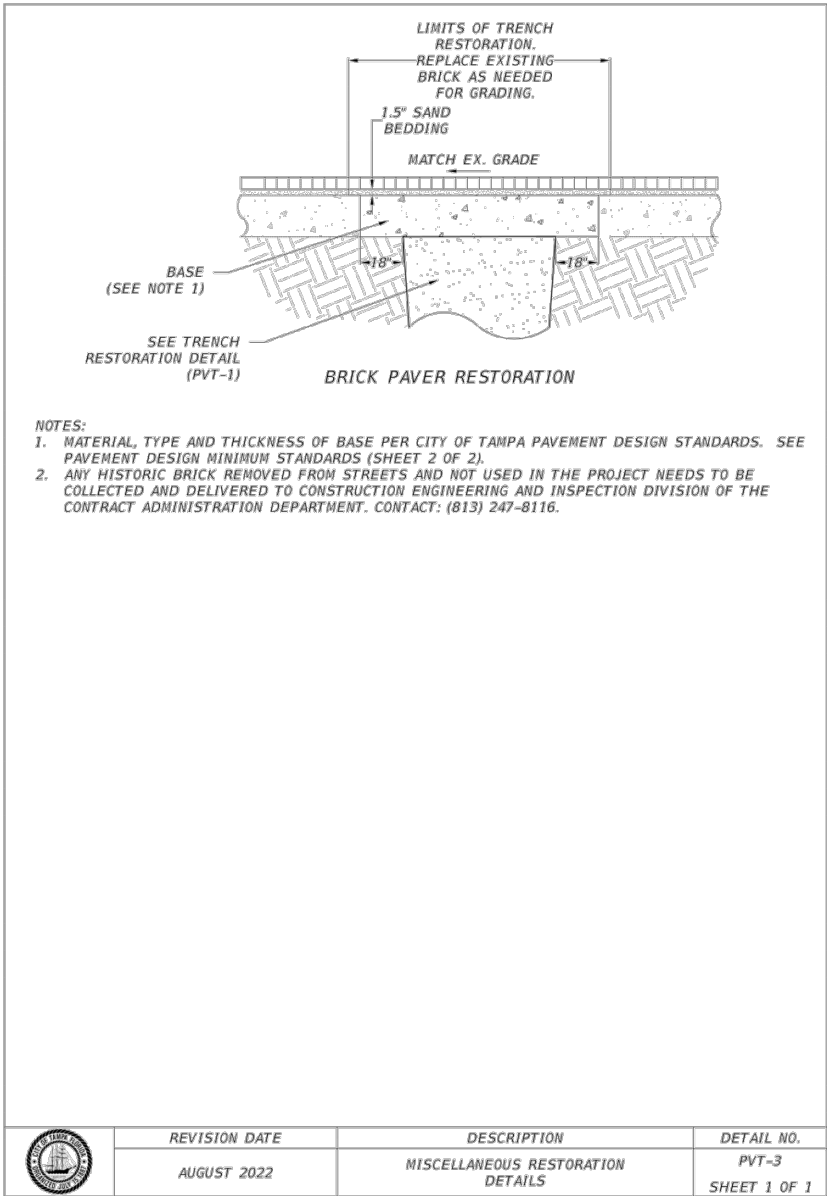
DETAILS



100% PLANS

WORK ORDER NO.	WTR-21-0015
RECORD DWG. NO.	
ATLAS PAGE G12/H12	SHEET 27 OF 28

K:\Projects\WTR\21\WTR-21-0015 - Jefferson Watermain Improvements\02-Design\Drawings\01-Dwg\02-Sheets\WTR-21-0015_Details.dwg Aug 21, 2025 - 11:11am



ANDRÉ J. BIEN-AIMÉ, P.E.
CITY OF TAMPA WATER DEPT.
711 E. HENDERSON AVE.
TAMPA, FLA. 33602
P.E. #84160

REV NO.	DATE	DESCRIPTION	BY
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JEFFERSON WATER MAIN IMPROVEMENT

DETAILS



100% PLANS

WORK ORDER NO.	WTR-21-0015
RECORD DWG. NO.	
ATLAS PAGE G12/H12	SHEET 28 OF 28