

CITY OF TAMPA



WASTEWATER DEPARTMENT

PLANS FOR

SHERWOOD HEIGHTS PS FM REPLACEMENT

CONTRACT No. 25-C-000020

NOTE: ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA

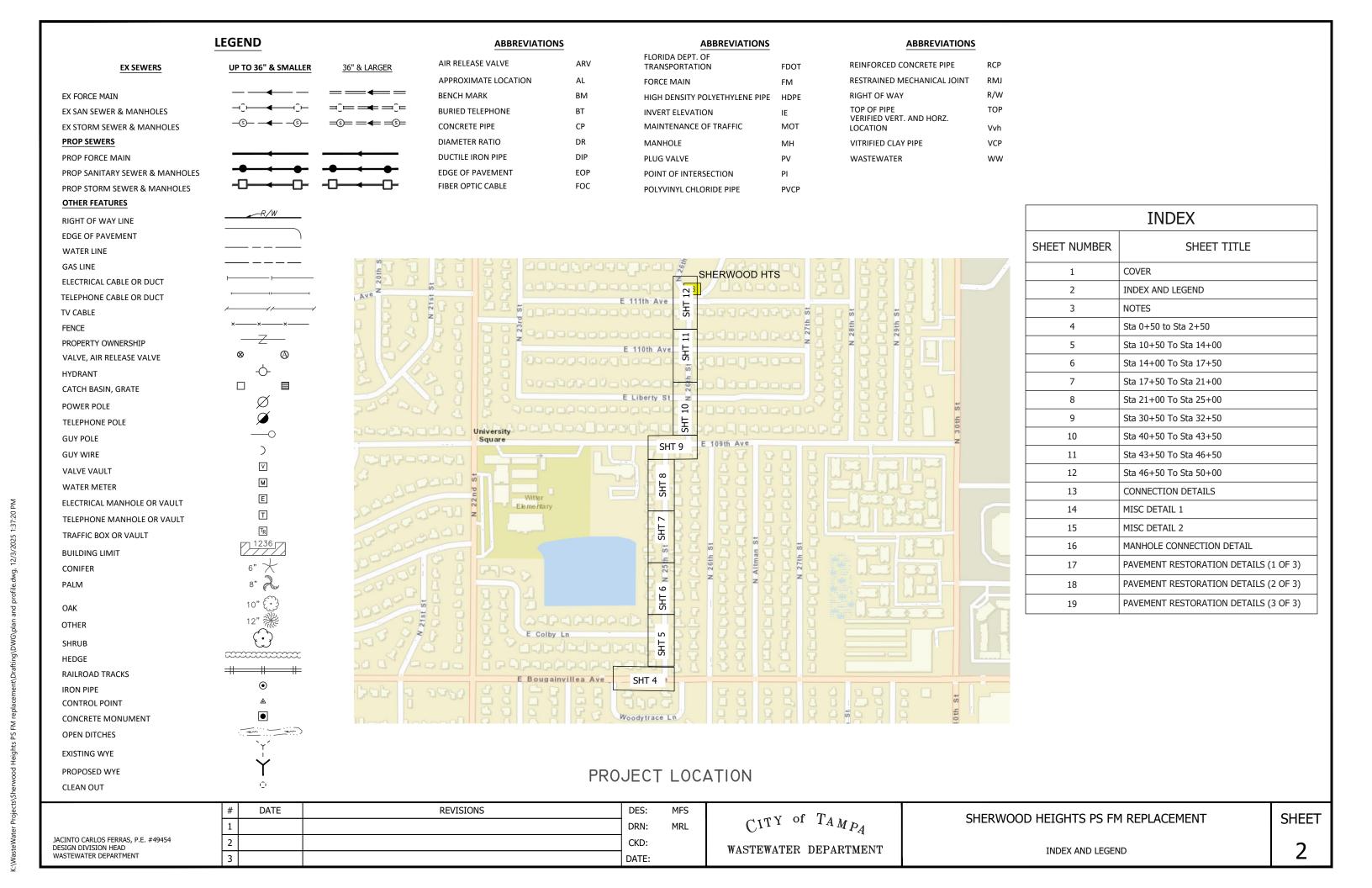
	#	DATE	REVISIONS	DES
	1			DRN
JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	2			CKD
	3			DATE

CITY of	T_{AMP_A}
WASTEWATER	DEPARTMENT

SHERWOOD HEIGHTS PS FM REPLACEMENT

COVER

SHEET



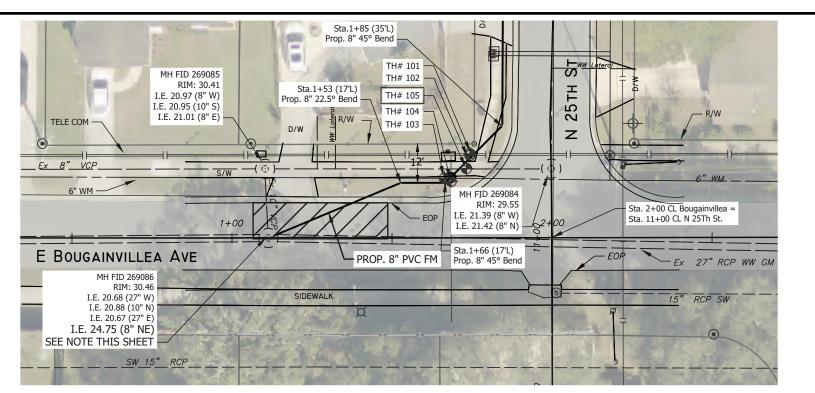
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GENERAL NOTES

- 1. ALL ELEVATIONS ARE NAVD 88 VERTICAL DATUM, UNLESS OTHERWISE NOTED. VERIFY THE LOCATION AND DEPTH OF ALL PERTINENT UTILITIES PRIOR TO CONSTRUCTION. CALL SUNSHINE 811 AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION.
- 2. CONTRACTOR SHALL PROVIDE A BORING LOG TO DOCUMENT THE DEPTH AND HORIZONTAL LOCATION OF THE HDPE PIPE AT A MAXIMUM OF 15 FOOT INTERVALS. BORING LOGS SHALL REFERENCE STATIONING INCLUDED ON THESE PLANS.
- 3. THE MINIMUM CLEARANCE BETWEEN THE PROPOSED FORCE MAIN AND ALL CROSSING UTILITIES SHALL BE 18-INCHES, UNLESS NOTED OTHERWISE.
- 4. THE PROPOSED FORCE MAIN SHALL BE INSTALLED ACCORDING TO THE STATIONS, OFFSETS AND INVERT ELEVATIONS PROVIDED WITH NO INTERMEDIATE HIGH OR LOW POINTS BETWEEN THE SPECIFIED INVERT ELEVATIONS UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 5. THE DIRECT BURY PORTIONS OF THE PROJECT SHALL UTILIZE AWWA C-900 (DR-18) GREEN PVCP UNLESS NOTED OTHERWISE ON THE PLANS. PIPE SHALL BE LAID USING CLASS "C" BEDDING AS SHOWN. THE DIRECTIONAL DRILL PORTIONS OF THE PROJECT SHALL UTILIZE AWWA C-906 HDPE (DR-11) WITH 2 GREEN STRIPES.
- 6. ALL FITTINGS AND BENDS SHALL BE DUCTILE IRON AWWA C-153. FITTINGS SHALL BE WRAPPED WITH GREEN POLYWRAP. FITTINGS SHALL BE LINED WITH PROTECTO 401 INTERIOR CERAMIC EPOXY.
- 7. PLUG VALVES SHALL BE DEZURIK 100% PORT PEF.
- 8. ALL FORCE MAIN VALVES, FITTINGS AND BENDS SHALL HAVE RESTRAINED MECHANICAL JOINTS UNLESS THE JOINTS ARE BUTT FUSED HDPE. ADDITIONALLY, ANY JOINTS WITHIN THE LIMITS TO BE RESTRAINED THAT ARE SHOWN ON THE PLANS SHALL ALSO BE RESTRAINED. RESTRAINING DEVICES SHALL BE "MEGA-LUG" AS MANUFACTURED BY EBAA IRON OR APPROVED EQUAL.
- 9. ALL PROPOSED FORCE MAIN PIPE SHALL HAVE 2 LOCATING WIRES IN ACCORDANCE WITH THE PIPE LOCATING WIRE DETAIL. THE WIRES SHALL BE RAISED AND TERMINATED AT ALL PLUG VALVES, AIR RELEASE VALVES AND TERMINAL MANHOLES, SIMILAR TO THAT SHOWN ON THE AIR RELEASE VALVE DETAIL.
- 10. CONTRACTOR SHALL REPLACE ALL REMOVED OR DAMAGED SHRUBBERY, LANDSCAPING, IRRIGATION PIPES, VALVES AND COMPONENTS TO PRE-EXISTING CONDITION OR BETTER, AT NO ADDITIONAL COST.
- 11. RIGHT OF WAY SHALL BE RESTORED TO PRE-EXISTING CONDITIONS OR BETTER. PAVEMENT RESTORATION SHALL BE IN ACCORDANCE WITH CITY OF TAMPA'S MOBILITY DEPARTMENT PAVEMENT. REQUIREMENTS, LATEST REVISION. PAVEMENT REQUIREMENT DETAILS ARE PROVIDED IN THIS PLAN SET. BOUGAINVILLEA AND 109TH AVENUES ARE CLASSIFIED AS NEIGHBORHOOD COLLECTOR ROADS. ALL OTHER ROADS AFFECTED IN THIS PROJECT ARE CLASSIFIED AS LOCAL ROADS. PAVEMENT RESTORATION SHALL CONSIST OF:
- 11.1. LOCAL ROADS 12" CRUSH CONCRETE BASE & 3" SUPERPAVE SP-9.5.
- 11.2. NEIGHBORHOOD COLLECTOR ROADS 14" CRUSH CONCRETE BASE & 3" SUPERPAVE SP-9.5
- 11.3. 1" SUPERPAVE SP-9.5 MILL & OVERLAY PER REQUIREMENTS
- 12. AFTER AWARD OF PROJECT, CONTRACTOR MAY SUBMIT AN ALTERNATE BORE PLAN FOR CONSIDERATION AND APPROVAL.
- 13. ALL UTILITIES HAVE BEEN SHOWN FROM THE MOST RELIABLE INFORMATION AVAILABLE. PRIOR TO DRILLING PIPE, CONTRACTOR SHALL LOCATE ALL CROSSING UTILITIES OR UTILITIES IN CLOSE PROXIMITY VIA VACUUM OR CONVENTIONAL EXCAVATION TO VERIFY ACTUAL HORIZONTAL AND VERTICAL LOCATION.
- 14. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR OBTAINING THE NECESSARY ROAD CLOSURE AND RIGHT-OF-WAY PERMITS FROM THE APPROPRIATE GOVERNMENT AGENCIES HAVING JURISDICTION OVER THE SPECIFIC ROADWAYS.
- 15. IN ORDER TO OBTAIN ROADWAY CLOSURE 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) INDEX DRAWINGS (MOST CURRENT EDITION). THE GOVERNING AGENCIES MAY REQUIRE ADDITIONAL INFORMATION AND DICTATE SPECIFIC WORK TIMES DURING NON-PEAK TRAFFIC HOURS.
- 16. ALL METAL PIPE AND VALVES INSIDE THE PUMP STATION'S VALVE VAULT (SEE SH. 13) SHALL BE PAINTED INCLUDING THE EXISTING VALVES TO REMAIN PAINT SYSTEM SHALL CONSIST OF:
- 16.1. SHOP COAT ONE COAT, 4-6 MILS (DRY) TNEMEC N140-1211 EPOXY PRIMER
- 16.2. FIELD COAT TWO COATS, 5-7 MILS (DRY) TNEMEC SERIES 446 PERMA-SHIELD MCU

#	DATE	REVISIONS	DES:	MFS	of The	SHERWOOD HEIGHTS PS FM REPLACEMENT	SHEET
1			DRN:	MRL	$CITY$ or $IAMP_A$	SHERWOOD HEIGHTS PS FM REPLACEMENT	SHEET
2			CKD:		WASTEWATER DEPARTMENT	NOTEC	2
3			DATE:		WASIEWAIEN DELANIMENI	NOTES	3

HATCHED AREAS ON THIS SHEET INDICATE 1" MILL & OVERLAY RESTORATION LIMITS



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TEST HOLE #	DESCRIPTION	MEASURED DEPTH (FT)
101	2-1.25" HDPE, GTE	2.60
102	4-4" PVC, FOC	3.80
103	6" STL, WATER	3.55
104	2-4" PVC, FOC	3.20
105	8" VCP WW GM	7.70



PLAN SCALE: I"=30'

32 32 Approx. Grade Above Pipe TH# 104 2 - 4" FOC 28 28 TH# 101 2 - 1.25" GTE TH# 103 6" Water TH# 102 4 - 4" FOC PROP. 8" PVC FM -EX. 27" Wastewater 24 24 TH# 105 8" VCP WW GM 20 20 – EX. 8" Wastewater 16 16 20.68 20.67 20.88 INV. +66 T/EL +71/ +85 T/EL 14 0+50 1+00 2+00 2+50

MFS

MRL

PROFILE

SCALE: I"=30' HORIZ. I"=4' VERT.

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT

INSTALL "RELINER-DURAN "8" DROP BOWL INSIDE CONNECTION

PER MANUFACTURERS SPECIFICATIONS EXISTING MH IS A BRICK

MH WITH FIBERGLASS LINER. AFTER FM CONNECTION INTO MH BUT

PRIOR TO PLACING PROPOSED FM INTO SERVICE; CONTRACTOR SHALL

RESTORE THE CORED OPENING & MH BENCH. CONTRACTOR TO PROVIDE THE CITY WITH MINIMUM (2) WEEK ADVANCE NOTICE OF WORK.

ALLOW (5) DAYS FOR CITYS MH REHABILITATION CONTRACTOR TO

DATE REVISIONS DES:
1 DRN:
2 CKD:
3 DATE:

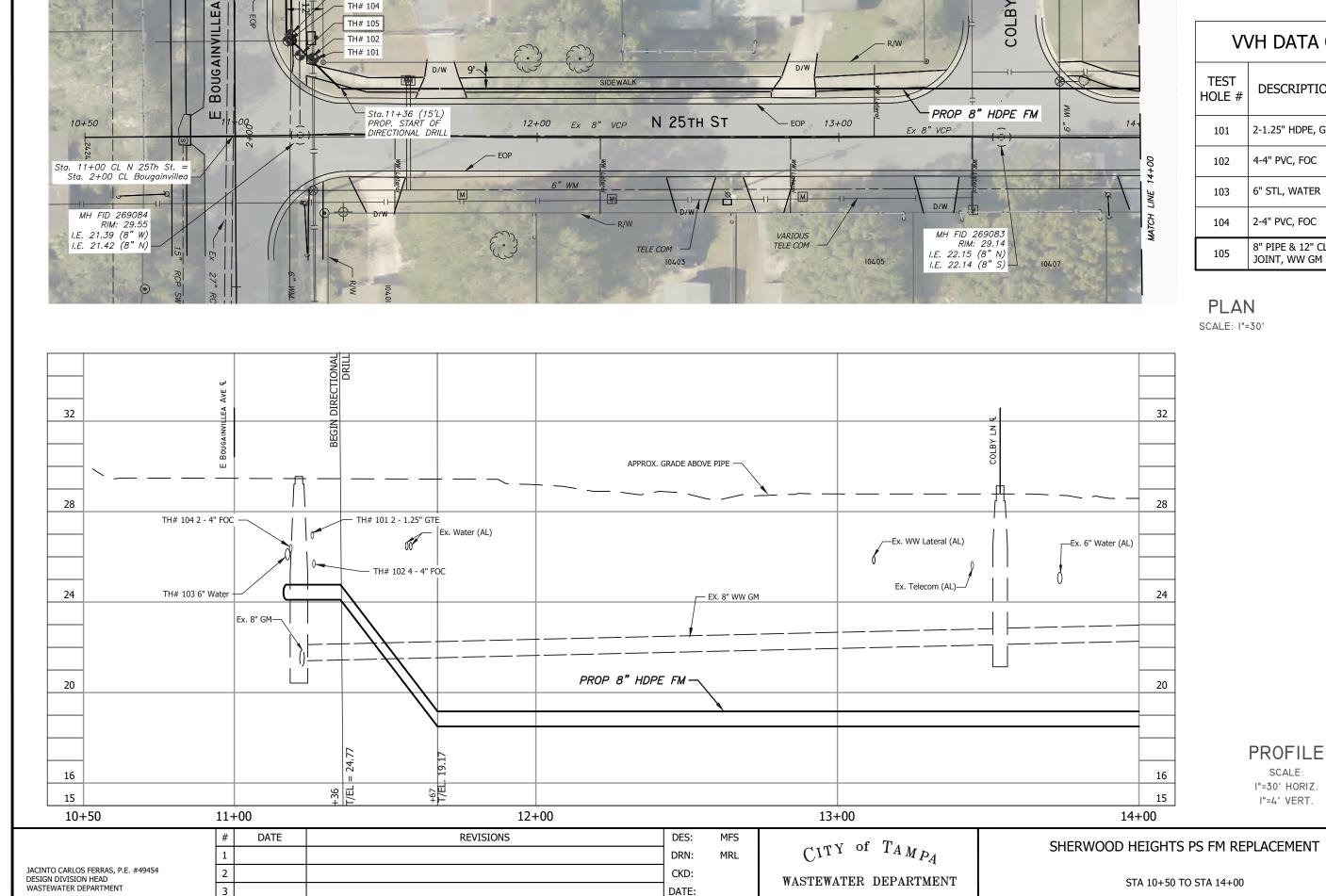
 C^{1TY} of T_{AMP_A} WASTEWATER DEPARTMENT

SHERWOOD HEIGHTS PS FM REPLACEMENT

SHEET

STA 0+50 TO STA 2+50

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SIDEWALK

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VVH DATA CHART							
TEST HOLE #	DESCRIPTION	MEASURED DEPTH (FT)					
101	2-1.25" HDPE, GTE	2.60					
102	4-4" PVC, FOC	3.80					
103	6" STL, WATER	3.55					
104	2-4" PVC, FOC	3.20					
105	8" PIPE & 12" CLAY JOINT, WW GM	7.70					

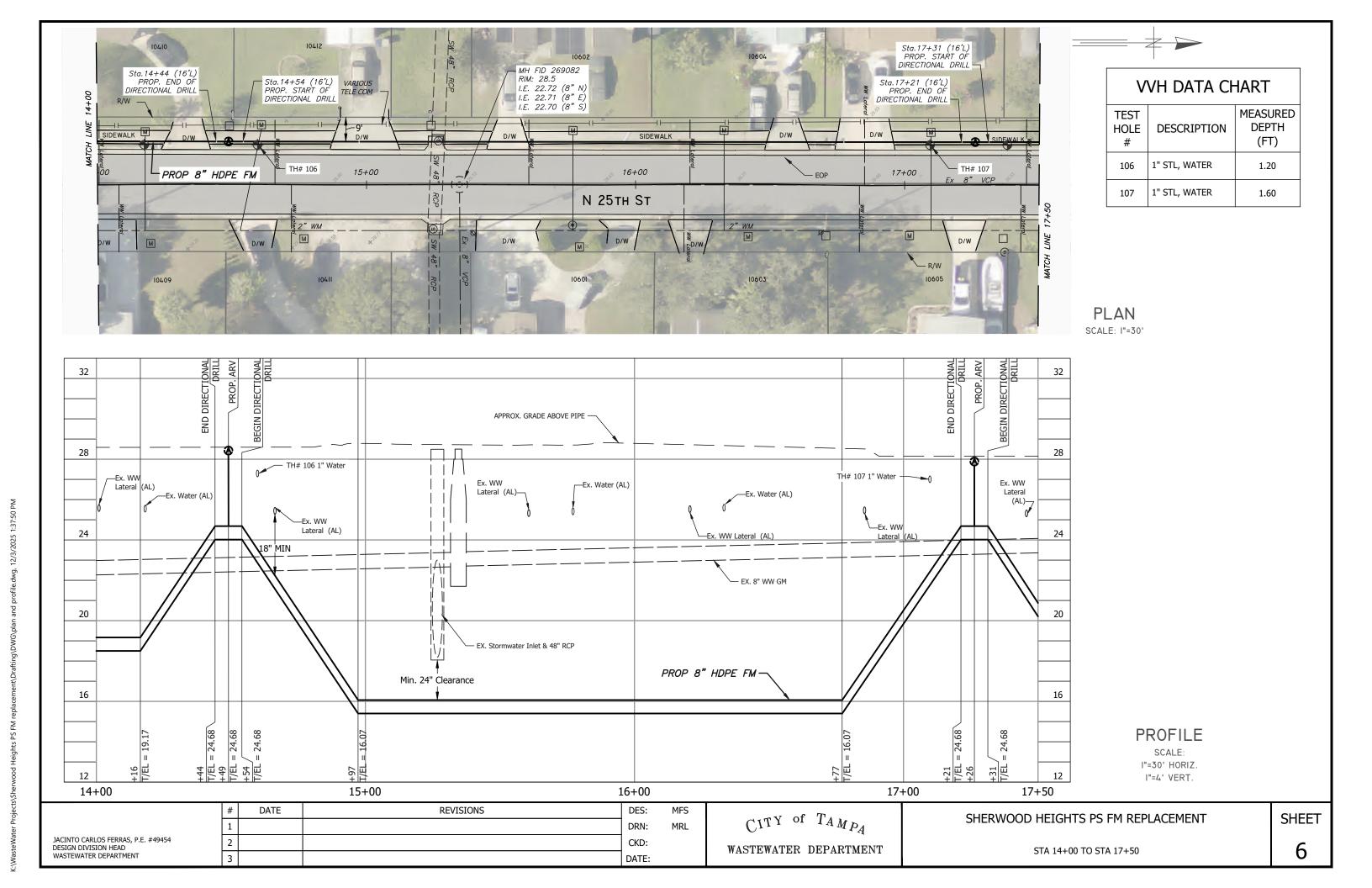
I"=4' VERT.

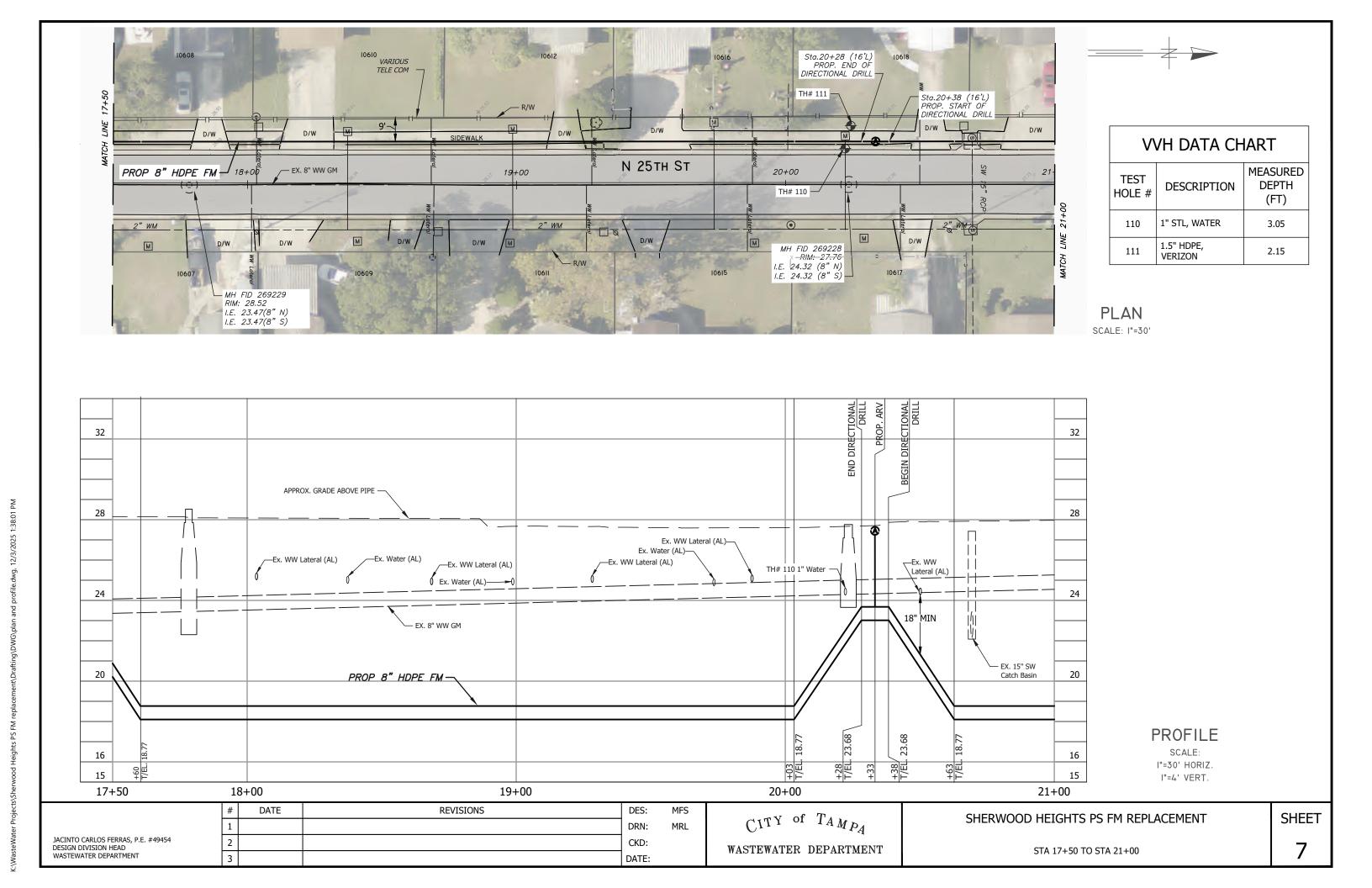
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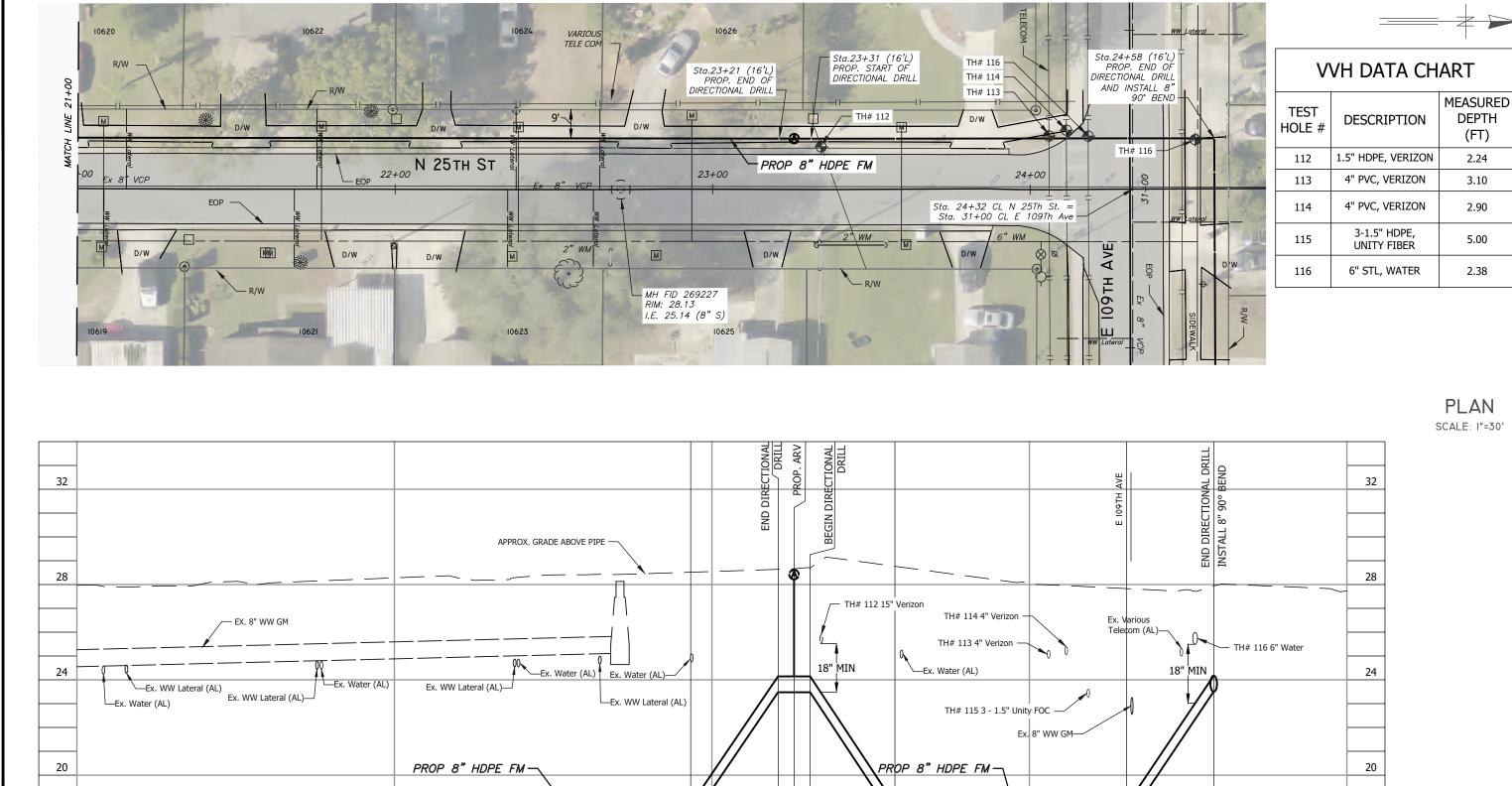
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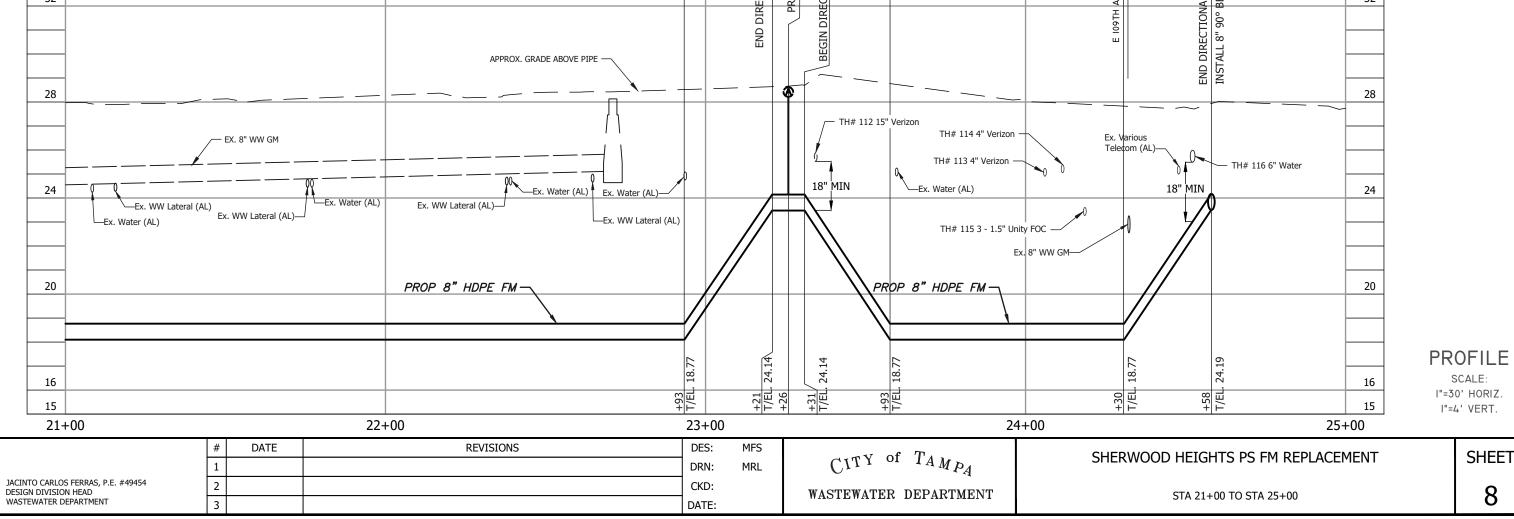
TH# 103

TH# 105

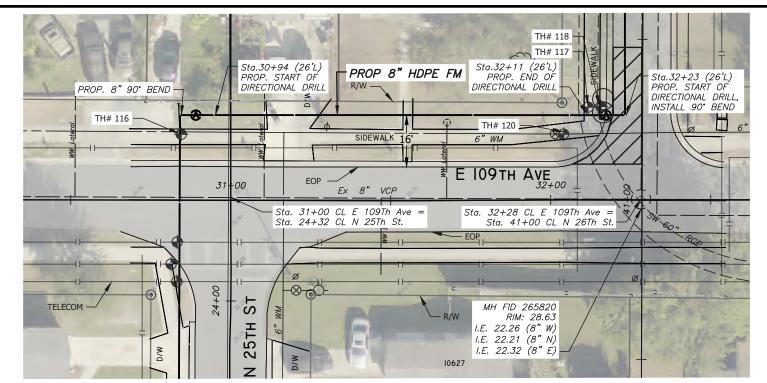








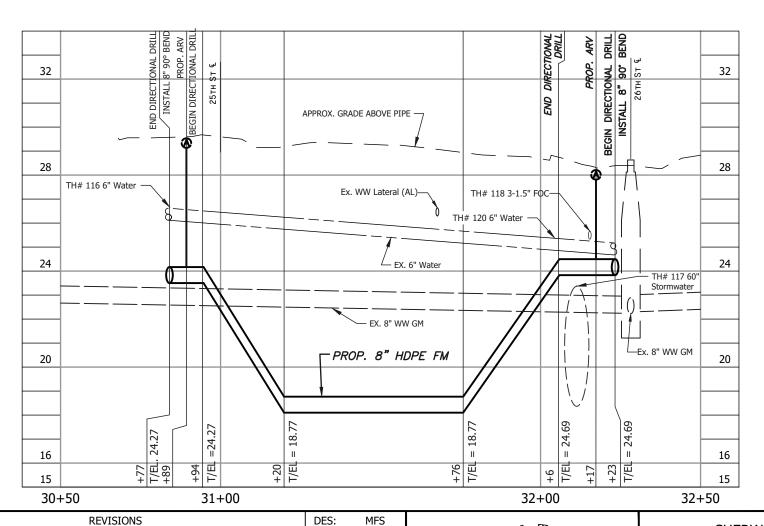




VVH DATA CHART							
TEST HOLE #	DESCRIPTION	MEASURED DEPTH (FT)					
116	6" STL, WATER	2.38					
117	5' CONC, STORM	5.10					
118	3-1.5" HDPE	2.80					
120	6" STL, WATER	3.32					



PLAN SCALE: I"=30'



MRL

PROFILE

SCALE:
I"=30' HORIZ.
I"=4' VERT.

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT # DATE REVISIONS DES:
1 DRN:
2 CKD:
3 DATE:

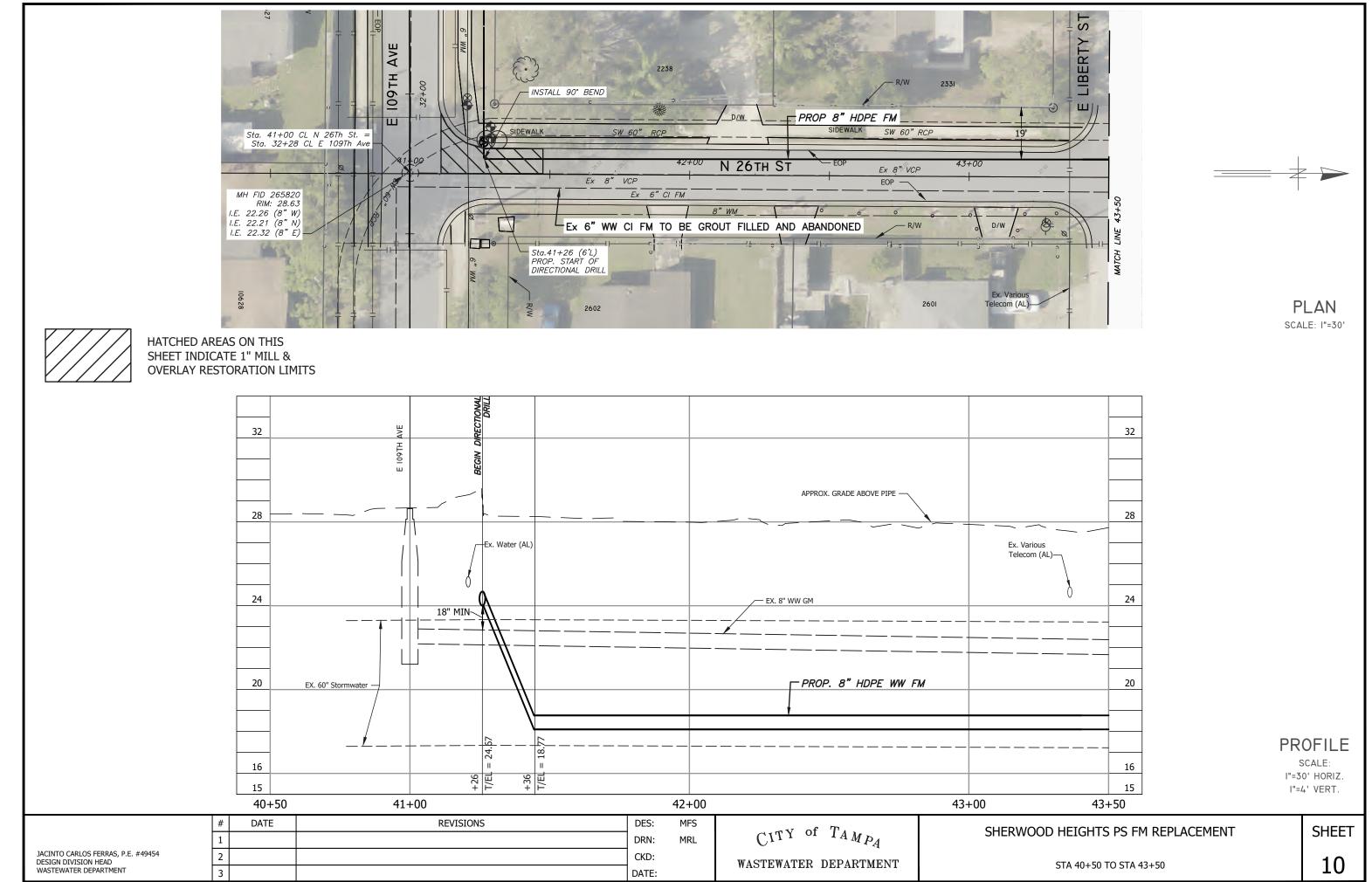
 C^{1TY} of $T_{AMP_{\mathcal{A}}}$ WASTEWATER DEPARTMENT

SHERWOOD HEIGHTS PS FM REPLACEMENT

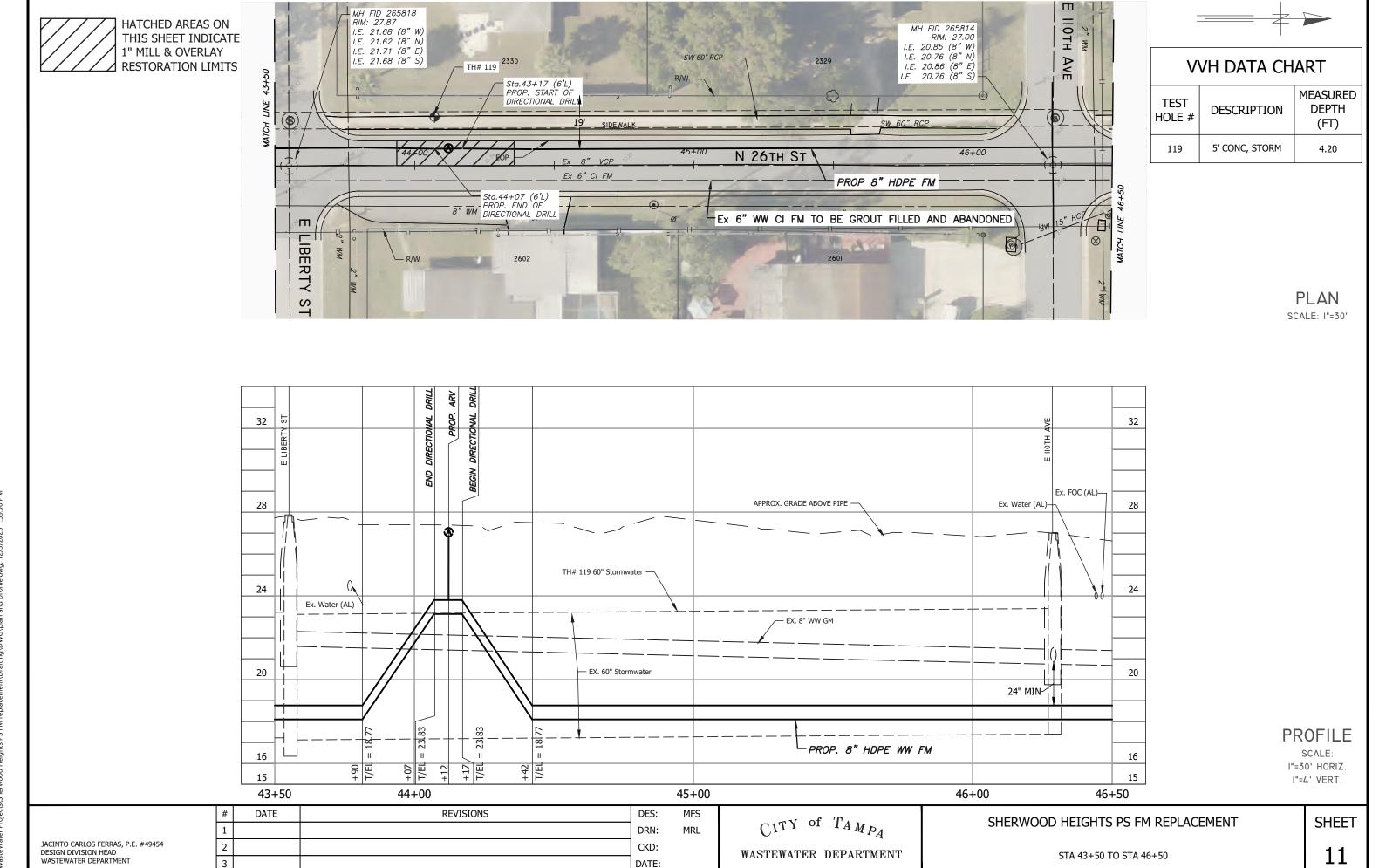
STA 30+50 TO STA 32+50

SHEET

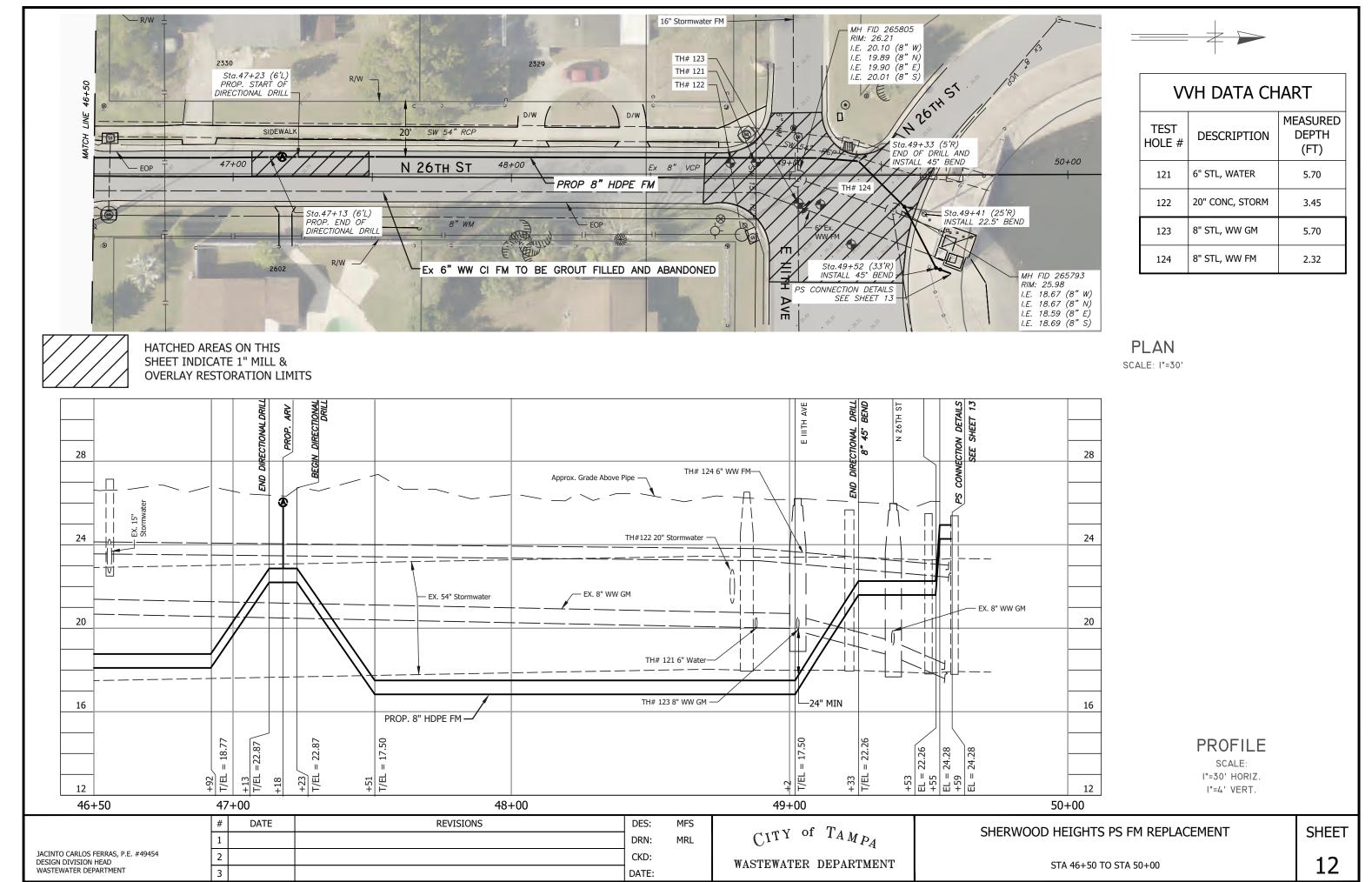
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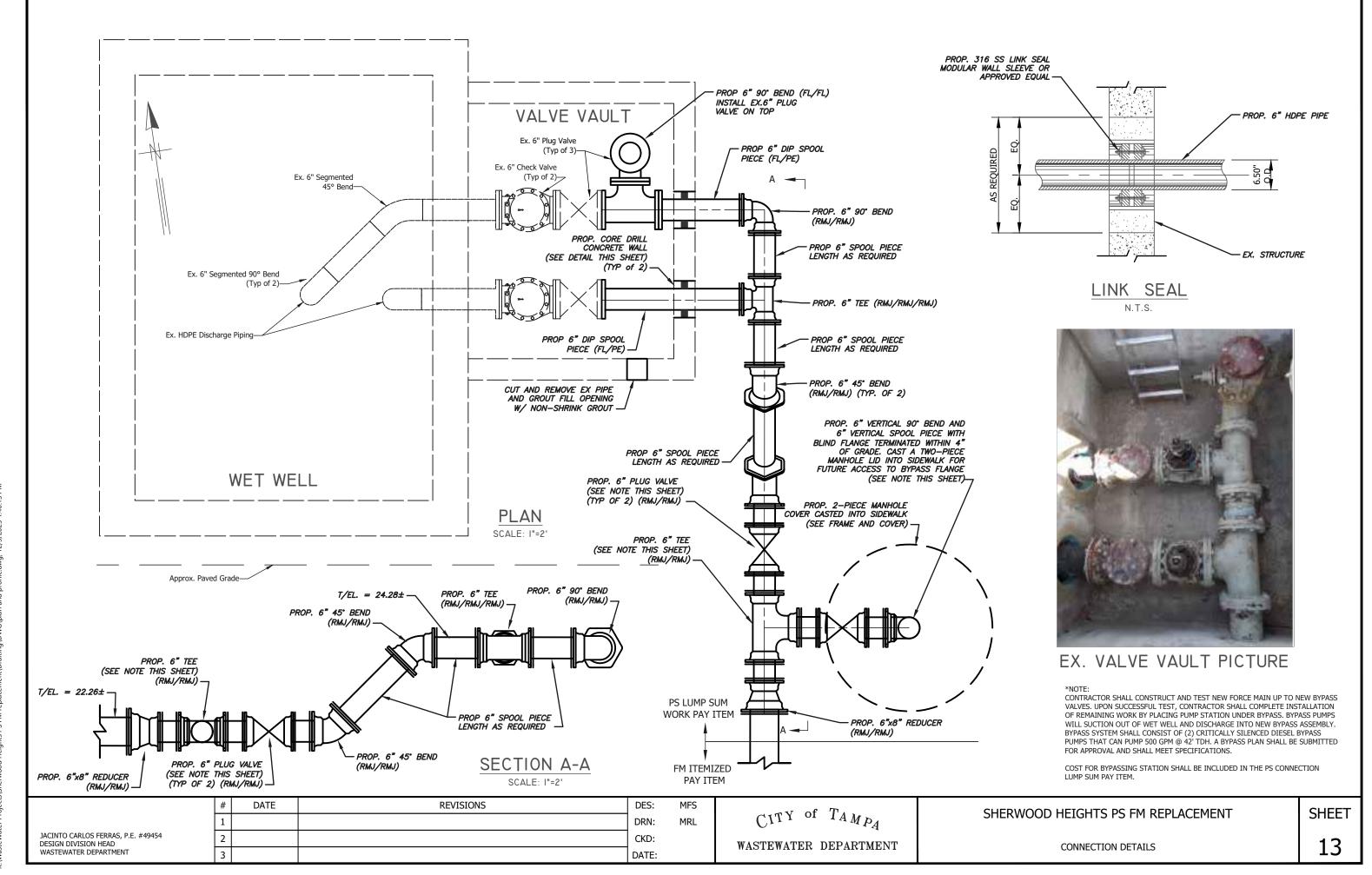
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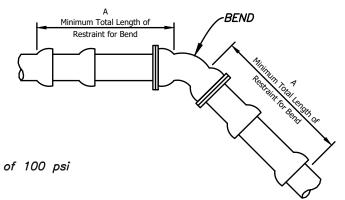
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K/\WastaMater Drojerte\Chanwood Heirhte DC EM realazement\ Draffino\D\WG\ alan and nordile dwo 12/2/2025 1-101-12 DM



NOTES:

- 1. These tables are based on:
 - a. Maximum test pressure of 100 psi
 - b. Class "C" pipe bedding
 - c. Poor soil conditions
 - d. PVC pipe
 - e. For vertical offsets, shallower vertical fitting has a minimum cover of 3 feet.
- 2. Restraining devices for PVC pipe shall be by Megalug (Series 2000 PV) or equal, meeting ASTM F1674.
- 3. Any additional fittings within the restrained section shall be restrained
- 4. One standard length of PVC pipe (20 feet) shall be laid on either side of the fitting where possible.

HORIZONTAL OFFSET:

RESTRAIN "A" (LF) *										
FITTING TYPE	4"	6"	8"	10"	12"	16"	18"	20"	24"	
11-1/4°	1*	2*	2*	2*	3*	3*	3*	4*	4*	
22-1/2°	2*	3*	3*	4*	5*	6*	6*	7*	8*	
45°	4*	5*	7*	8*	9*	11*	13*	14*	16*	
90°	9*	12*	15*	18*	21	27	29	32	37	
PLUG / CAP /	26	36	47	56	66	85	94	102	119	

A = MINIMUM FOOTAGE OF PIPE TO BE RESTRAINED

* MINIMUM ONE PIPE JOINT UPSTREAM AND DOWNSTREAM OF EACH FITTING SHALL BE RESTRAINED

VERTICAL OFFSET:

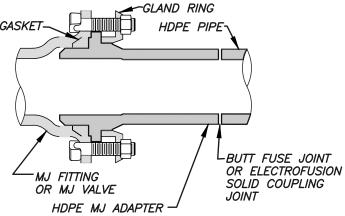
RESTRAIN "A" (LF) *

FITTING TYPE	4"	6"	8"	10"	12"	16"	18"	20"	24"
11-1/4°	3*	4*	5*	6*	7*	9*	10*	11*	12*
22-1/2*	5*	8*	10*	12*	14*	17*	19*	21	24
45°	11*	15*	20	23	28	35	39	43	50

A = MINIMUM FOOTAGE OF PIPE TO BE RESTRAINED

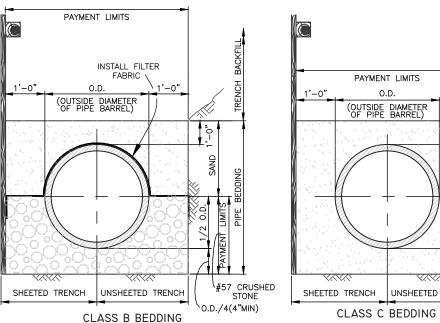
* MINIMUM ONE PIPE JOINT UPSTREAM AND DOWNSTREAM OF EACH FITTING SHALL BE RESTRAINED

FITTING RESTRAINT DETAIL



HDPE TRANSITION DETAIL NTS

NOTE: Schematic shown for standard MJ fitting and plug valves.



(ONLY ALLOWED WITH CITY INSPECTOR APPROVAL)

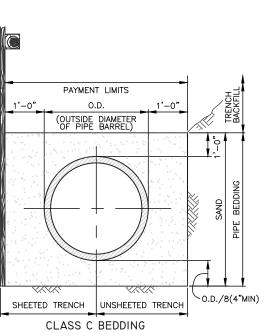
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DES:

DRN:

CKD:



HEAVY DUTY CAST IRON MANHOLE FRAME & COVER DETAILS N.T.S.

U.S. FOUNDRY NO. 230-AB-M, OR EQUAL.

FRAME SECTION

FOR MH'S OF SEWERS 27" OR GREATER IN DIAMETER: VULCAN FOUNDRY NO. V-7045,

INNER & OUTER COVER SECTIONS

COVER BACK

 \angle (2) 3/4" CORED VENT HOLES

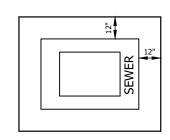
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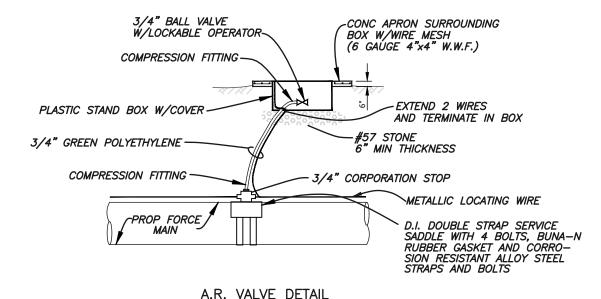
CITY of TAMPA WASTEWATER DEPARTMENT SHERWOOD HEIGHTS PS FM REPLACEMENT

MISC DETAIL 1

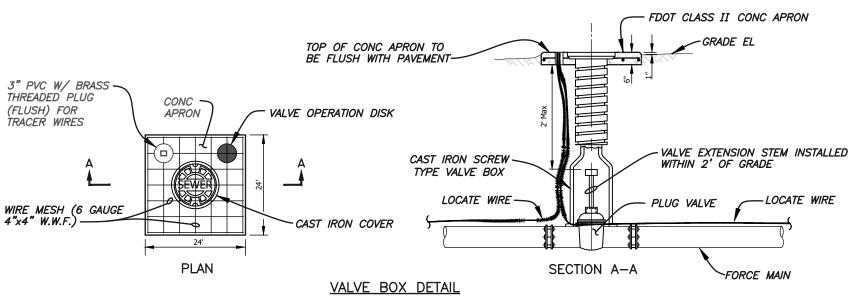
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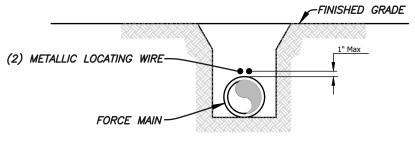


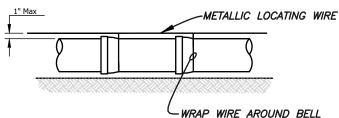
PLAN VIEW



N.T.S.







NOTES:

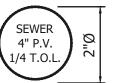
- 1. Pipe shall require 2 green insulated metallic locating wires capable of detection by a cable locator and shall be buried directly above the centerline of the pipe. Use duct tape as necessary to hold wire directly on top of pipe.
- 2. Direct bury pipe shall have (2) 12 gauge insulated solid copper wires. Directional drilled pipe shall have (2) 8 gauge insulated solid copper wires or (2) 10 gauge insulated copper clad steel wires. For directional drilled HDPE pipe a 1" conduit may be pulled back with the locating wires to ease installation and to prevent the wires from breaking.
- Wire insulation must be suitable for buried service. HDPE or HMWPE are acceptable insulation materials. Nylon insulation is not acceptable.
- Wires must be spliced together with wire connectors suitable for buried service. Connectors shall be corrosion and moisture proof such as DBR Kit by 3M, Snakebite by Copperhead Industries or equal. Twisting the wires and sealing with electrical tape alone is not acceptable.
- All tracer wires must pass a continuity test in the presence of a City inspector. No pipe will be accepted by the City until a continuity test passes.
- Locating wire shall terminate at the top of each valve box and air release valve. Wire shall be capable of extending 24" above top of box in such a manner so as not to interfere with valve

LOCATE WIRE DETAIL N.T.S.

IMPORTANT - FOR EACH OPERABLE VALVE:

PROVIDE A BRASS IDENTIFICATION TAG ANCHORED TO THE CONCRETE APRON THAT IS A MINIMUM 2" IN DIAMETER AND 1/8-INCH THICK. THE TAG SHALL BE ENGRAVED WITH "SEWER", SIZE OF VALVE, TYPE OF VALVE, AND DIRECTION AND NUMBER OF TURNS TO OPEN.

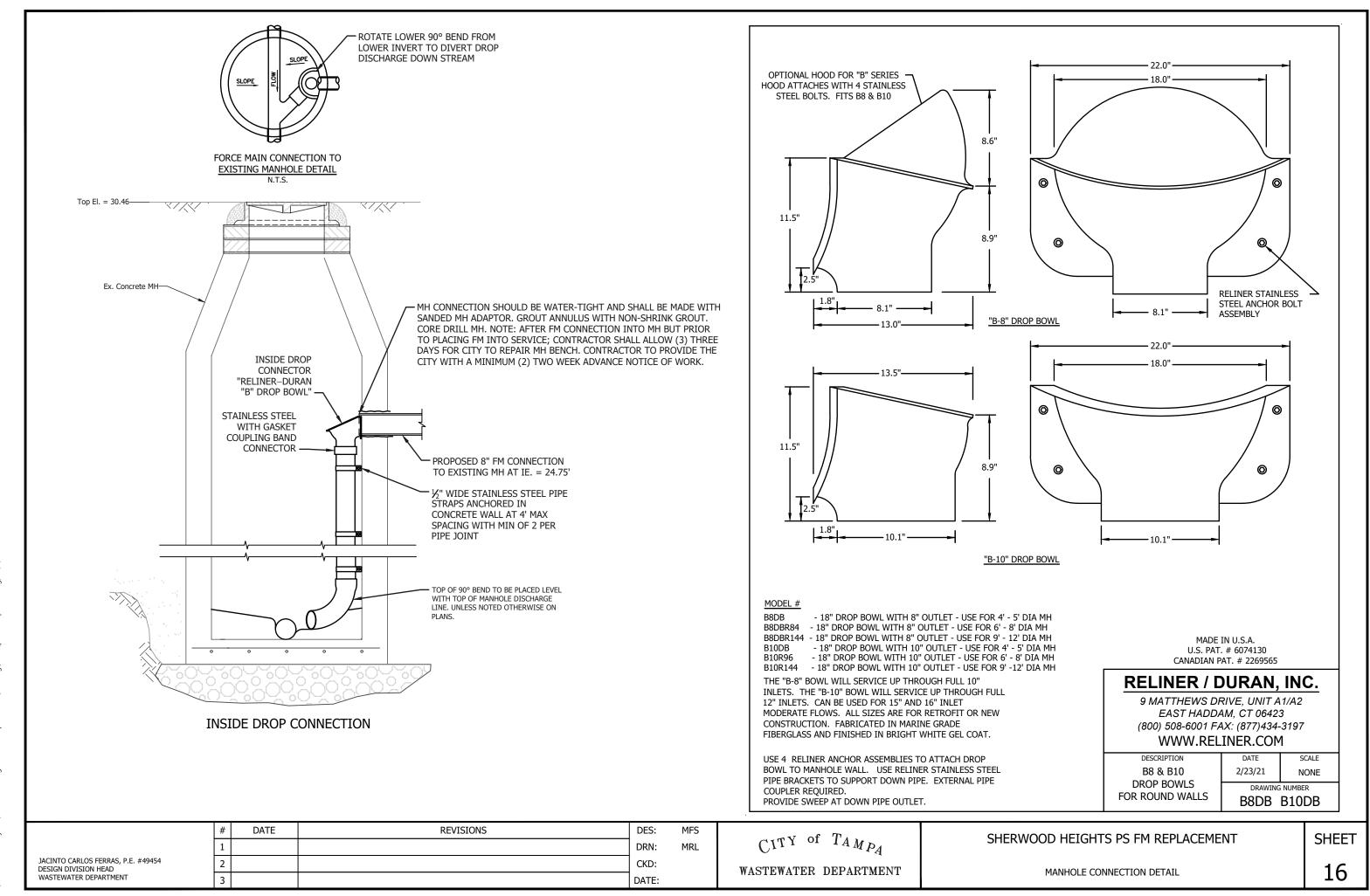
FOR EXAMPLE, A 4-INCH PLUG VALVE ON A WASTEWATER FORCE MAIN THAT REQUIRES 1/4 TURNS TO THE LEFT(COUNTERCLOCKWISE) TO BE FULLY OPEN WOULD REQUIRE THE FOLLOWING ON AN IDENTIFICATION TAG:



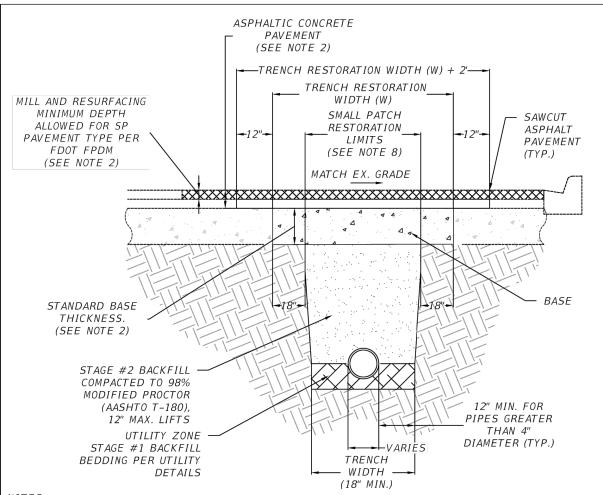
VALVE OPERATION DISK

NOT TO SCALE

	#	DATE	REVISIONS	DES:	MFS	orny of Table	SHERWOOD HEIGHTS PS FM REPLACEMENT	SHEET
	1			DRN:	MRL	C^{ITY} or I_{AMP_A}	SHERWOOD HEIGHTS IS I'M KEI EACEMENT	JIILLI
JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD	2			CKD:		WASTEWATER DEPARTMENT	MISC DETAIL 2	15
WASTEWATER DEPARTMENT	3			DATE:		WASIEWAIEN DEFARIMENT	MISC DETAIL 2	12



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NOTES

JACINTO CARLOS FERRAS, P.E. #49454

DESIGN DIVISION HEAD

WASTEWATER DEPARTMENT

- 1. ALL WORK, MATERIALS, AND TESTING PER CITY OF TAMPA PAVEMENT AND RIGHT OF WAY RESTORATION REQUIREMENTS.
- 2. CITY OF TAMPA MINIMUM PAVEMENT THICKNESS STANDARDS ARE LOCATED ON SHEET 2 OF 2. MATERIAL, TYPE AND THICKNESS SHALL BE PER CITY OF TAMPA MINIMUM PAVEMENT DESIGN STANDARDS.
- 3. SEE CITY OF TAMPA FLEXIBLE PAVEMENT RESTORATION LIMITS DETAIL (PVT-2) FOR REQUIRED LIMITS OF MILLING & RESURFACING.
- 4. IF EXISTING ASPHALTIC CONCRETE PAVEMENT LAYER THICKNESS EXCEEDS MINIMUM STANDARD PER CITY OF TAMPA MINIMUM PAVEMENT DESIGN STANDARDS, ANY ASPHALT THICKNESS THAT EXCEEDS THE CITY OF TAMPA MINIMUM PAVEMENT STANDARDS CAN BE CONSIDERED AS PART OF THE MINIMUM BASE THICKNESS.
- 5. ANY ROADWAY RESTORATION OUTSIDE THE LIMITS OF TRENCH RESTORATION OR ANY NEW ROADWAY CONSTRUCTION SHALL MEET THE MINIMUM MATERIAL AND THICKNESS REQUIREMENTS WITHIN THE CITY OF TAMPA PAVEMENT DESIGN STANDARDS, ON SHEET 2 OF 2.
- 6. CONTRACTOR SHALL REVIEW ROADWAY LONGITUDINAL ROADWAY GRADES PRIOR TO PAVEMENT RESTORATION WORK TO ENSURE THAT ROADWAY MEETS MINIMUM SLOPE PER THE FLORIDA MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE (FLORIDA GREENBOOK).
- 7. FOR BRICK PAVER SECTIONS, SEE CITY OF TAMPA MISCELLANEOUS RESTORATION DETAILS, PVT-3. FOR RIGID PAVEMENT, SEE FLORIDA DEPT. OF TRANSPORTATION (FDOT) STANDARD PLANS.
- 8. THE 18" WIDE BASE EXTENSIONS AND 12" ASPHALT RESTORATION EXTENSION (IE, "TRENCH RESTORATION WIDTH (W) + 2"") ON EITHER SIDE OF THE TRENCH ARE NOT REQUIRED FOR SMALL PATCH RESTORATIONS. PAVEMENT AND BASE THICKNESS AND BACKFILL REQUIREMENTS SHALL BE PER THIS DETAIL.
- 9. TEMPORARY RESTORATION SHALL BE LIMITED TO A TIME PERIOD OF NO LONGER THAN 30 DAYS, UNLESS SPECIFICALLY APPROVED BY THE CITY'S ENGINEER.
- 10. ALL THERMOPLASTIC STRIPING SHALL BE REPLACED IN KIND. STRIPING SHALL BE PAINTED UNTIL THERMOPLASTIC CAN BE PLACED.

S AMERICA	REVISION DATE	DESCRIPTION	DETAIL NO.
	MARCH 2024	TRENCH RESTORATION	PVT-1
	MARCH 2024	THENCH RESTONATION	SHEET 1 OF 2

PAVEMENT DESIGN MINIMUM STANDARDS						
	FLEXIBLE PAVEMENT					
ROADWAY CLASSIFICATION	ASPHALTIC CONCRETE	BASE MATERIAL	TYPE B STABILIZATION (MIN LBR 40)			
ALLEY	1"	6"	12"			
LOCAL	2"	8"	12"			
NEIGHBORHOOD COLLECTOR	3"	8"	12"			
COLLECTOR/ ARTERIAL	4"*	12"*	12"			

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

NOTE

- 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. MINIMUM LIFT THICKNESS PER FDOT FLEXIBLE PAVEMENT DESIGN MANUAL.
- 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 THICKNESS TO DETERMINE REQUIRED DEPTH.
- 5. FOR ANY RIGID PAVEMENT ROADWAYS, CONTACT MOBILITY DEPARTMENT CHIEF ENGINEER.

TAMPA	REVISION DATE	DESCRIPTION	
	MARCH 2024	PAVEMENT DESIGN	

DATE REVISIONS DES: MFS

1 DRN: MRL

CKD:

DATE:

 $\mathbb{C}^{\mathsf{T}^{\mathsf{Y}}}$ of $T_{AMP_{\mathcal{A}}}$ wastewater department

SHERWOOD HEIGHTS PS FM REPLACEMENT

SHEET

DETAIL NO.

PVT-1

SHEET 2 OF 2

PAVEMENT RESTORATION DETAILS (1 OF 3)

17

EDGE OF PAVEMENT -

SAWCUT ASPHALT -

MILL & RESURFACE LENGTH OF TRENCH PLUS

RESTORATION LIMITS (L + 2X)

LENGTH (L)

DETAIL NO.

PVT-2

SHEET 1 OF 2

DES:

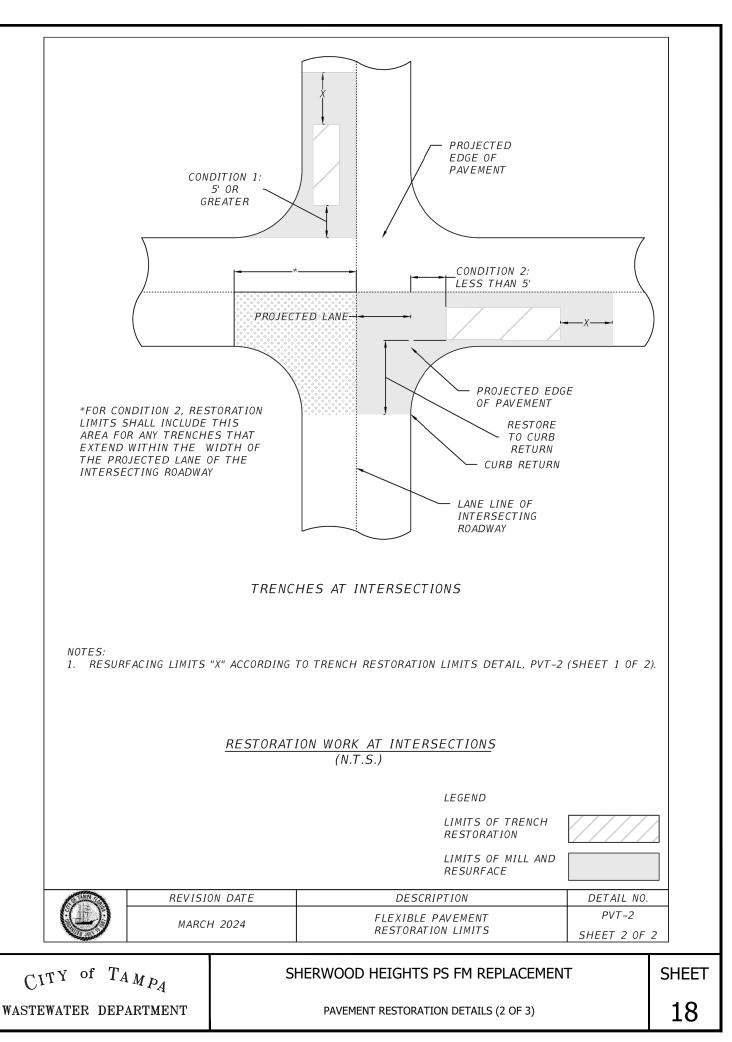
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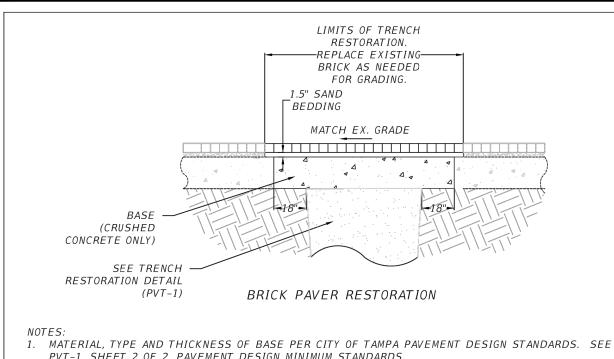
DATE:

MFS

MRL







- PVT-1, SHEET 2 OF 2, PAVEMENT DESIGN MINIMUM STANDARDS.
- FOR ANY HISTORIC BRICK REMOVED FROM STREETS AND NOT USED IN THE PROJECT NEEDS TO BE COLLECTED, REFER TO SPECIFICATION 1.6.

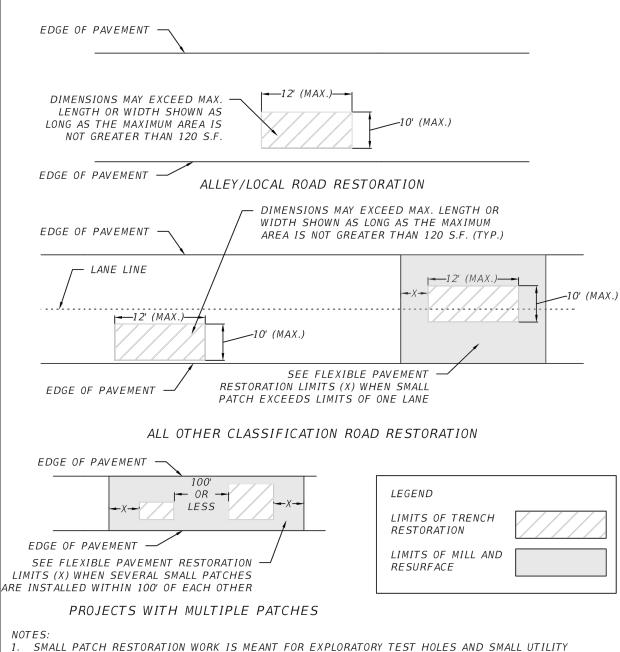


DATE **REVISIONS** DES: MFS MRL DRN: 2 CKD: DATE:

CITY of TAMPA WASTEWATER DEPARTMENT SHERWOOD HEIGHTS PS FM REPLACEMENT

SHEET

PAVEMENT RESTORATION DETAILS (3 OF 3)



- CONNECTIONS AND POINT REPAIRS.
- MILLING LIMITS SHALL BE EXPANDED TO INCLUDE EXISTING PATCHES WHEN EXISTING PATCHES ARE WITHIN 3 FEET.
- 3. ALL SMALL PATCH RESTORATION TRENCHES SHALL BE A MINIMUM 2' BY 2'.
- 4. CUTS SHALL BE DONE PERPENDICULAR TO THE EDGE OF PAVEMENT AND DIRECTION OF TRAVEL,
- RESTORATION SHALL BE DONE IN ACCORDANCE WITH TRENCH RESTORATION DETAILS, PVT-1.
- ALL WORK THAT EXCEED MAXIMUM DIMENSIONS OR OCCURS WITHIN MULTIPLE LANES OF A ROADWAY CLASSIFIED OTHER THAN ALLEY OR LOCAL SHALL BE PER THE CITY OF TAMPA FLEXIBLE PAVEMENT RESTORATION LIMITS, PVT-2.
- ALL RESTORATION, INCLUDING SMALL PATCH RESTORATION ON ROADWAYS RESURFACED WITHIN THE LAST THREE (3) YEARS, SHALL BE DONE PER THE CITY OF TAMPA FLEXIBLE PAVEMENT RESTORATION LIMITS,
- 8. PAVEMENT RESTORATION DETAILS DO NOT APPLY TO CORING AND AUGERS.

	REVISION DATE	DESCRIPTION	DETAIL NO.
	MARCH 2024	SMALL PATCH RESTORATION	PVT-4
			SHEET 1 OF :

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT