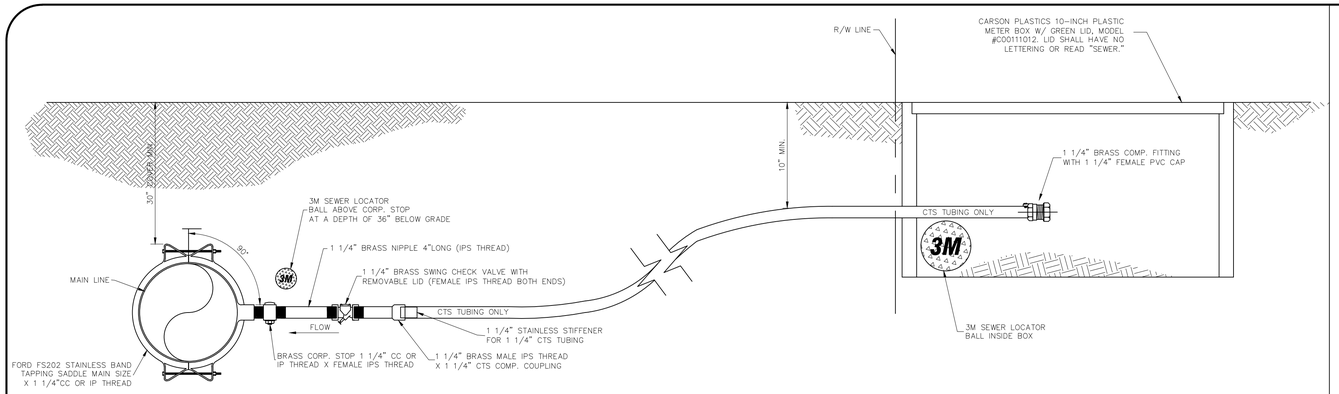
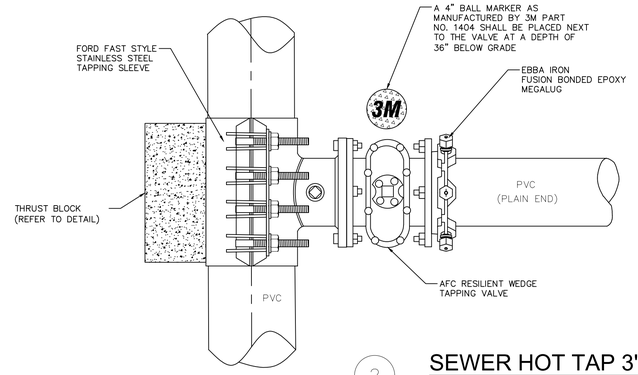


1 LOW PRESSURE SERVICE

N.T.S.

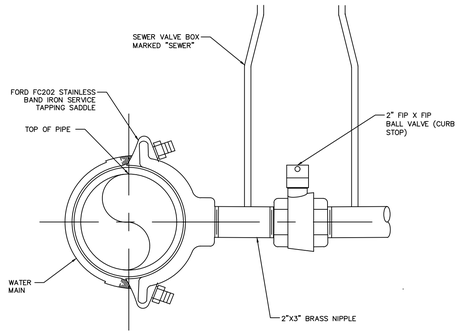


NOTES:

1. THE EDGE OF THE TAPPING SLEEVE SHALL BE AT LEAST 24" FROM THE BELL END OF THE PIPE
2. TAPPING SLEEVE SHALL BE PRESSURE TESTED AT 120 PSI FOR A MINIMUM OF 15 MINUTES. TEST SHALL BE WITNESSED BY REGIONAL UTILITIES
3. RESTRAINTS REQUIRED ON AT LEAST TWO BELLS OR 40', WHICHEVER IS GREATER, DOWNSTREAM OF TAPPING VALVE.

2 SEWER HOT TAP 3" AND LARGER

N.T.S.

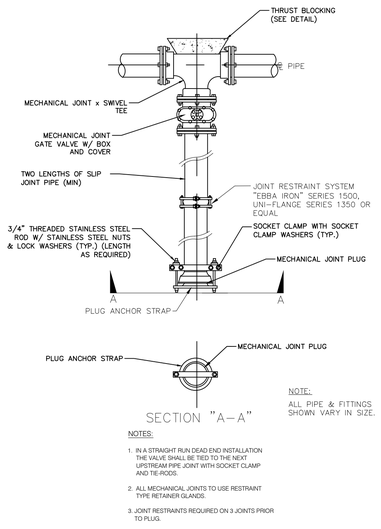


3 2" SEWER FORCE MAIN HOT TAP

(TAPS MADE BY CONTRACTOR UNDER REGIONAL UTILITIES SUPERVISION
N.T.S.

PRESSURE SEWER GENERAL NOTES:

1. ALL MECHANICAL JOINT FITTINGS ON PRESSURE PIPE SHALL HAVE BOTH "MEGALUG" TYPE JOINT RESTRAINING GLANDS AND THRUST BLOCKS.
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND MEETING THE REQUIREMENTS OF REGIONAL UTILITIES STANDARD DETAILS AND SPECIFICATIONS LATEST EDITION.
3. ANY LOCATION WHERE PRESSURE PIPELINES CURVATURE EXCEEDS MANUFACTURES' SPECIFICATIONS; APPROPRIATE MECHANICAL JOINT FITTINGS SHALL BE USED.
4. ALL 2-INCH VALVES SHALL BE BALL TYPE – 2-INCH GATE VALVES SHALL NOT BE USED.
5. ALL TIE IN TO EXISTING PRESSURIZED PIPELINES SHALL BE BY TAPPING SLEEVE (3 INCH TAP AND LARGER) (OR TAPPING SADDLE, 2 INCH TAP AND SMALLER) AND VALVE.
6. DEVELOPERS OF PRIVATE PROJECTS SHALL PROVIDE ALL WETLANDS PERMITS NECESSARY FOR UTILITY CONSTRUCTION.
7. ALL MANHOLES SHALL HAVE FINISHED GRADING AROUND THEM FOR PROTECTION PRIOR TO ACCEPTANCE BY REGIONAL UTILITIES.
8. ALL SEWER MAINS SHALL BE COVERED TO FINISH GRADING FOR PROTECTION PRIOR TO ACCEPTANCE BY REGIONAL UTILITIES.
9. LOCATOR BALLS PER SPECIFICATIONS SHALL BE REQUIRED AT ALL FORCE MAIN VALVE LOCATIONS.
10. JOINT RESTRAINTS SHALL BE REQUIRED ON ALL FORCE MAINS LOCATED IN PAVED AREAS.
11. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH REGIONAL UTILITIES' WRITTEN SPECIFICATIONS, LATEST EDITION.
12. AT ALL HIGH POINTS CRESTED DURING FORCE MAIN CONSTRUCTIONS, AIR RELEASE VALVES SHALL BE CONSTRUCTED.
13. CTS TUBING SHALL ONLY BE USED FOR LOW-PRESSURE GRINDER SERVICES.
14. ALL GRINDER SERVICES SHALL BE PRESSURE/FLOW TESTED.
15. PRIOR TO A FINAL INSPECTION, ALL LOT CORNERS SHALL BE STAKED BY THE SURVEYOR. INSPECTOR WILL NOT PERFORM FINAL INSPECTION IF STAKING IS INCOMPLETE.

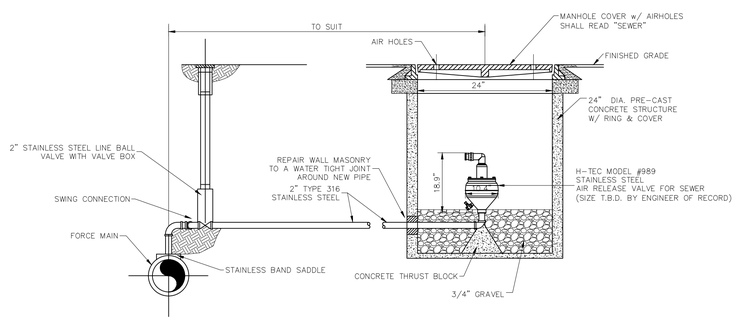


NOTES:

1. IN A STRAIGHT RUN DEAD END INSTALLATION THE VALVE SHALL BE TIED TO THE NEXT UPSTREAM PIPE JOINT WITH SOCKET CLAMP AND TIE-RODS.
2. ALL MECHANICAL JOINTS TO USE RESTRAINT TYPE RETAINER GLANDS.
3. JOINT RESTRAINTS REQUIRED ON 3 JOINTS PRIOR TO PLUG.

4 DEAD END STUB DETAIL

N.T.S.



LOCATED AWAY FROM FORCE MAIN

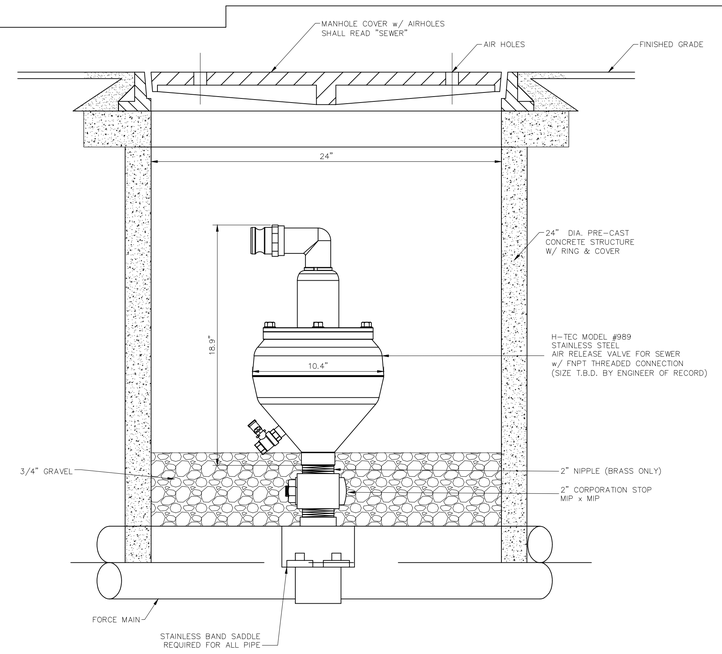
NOTES:

1. BOX TO BE LOCATED OUT OF PAVED AREAS. SET TOP FLUSH IF OCCURS IN SIDEWALK OR 1 1/2" ABOVE GROUND IF IN DIRT OR GRASS AREAS.
2. AUTOMATIC AIR RELEASE AND VACUUM VALVE MODEL #989, STAINLESS STEEL w/ FNPT THREADED CONNECTION (SIZE T.B.D. BY ENGINEER OF RECORD)

5 TYPICAL AIR AND/OR VACUUM VALVES

N.T.S.

APPROVED FOR 2026



6 TYPICAL PRESSURE SEWER AIR RELEASE MANHOLE

N.T.S.

NO.	DATE	APPR.	REVISION

4432 HWY 98 EAST
SANTA ROSA BEACH, FL 32459
Phone: (850) 231-5114
WWW.REGIONALUTILITIES.NET

REGIONAL UTILITIES
Operated by | FLORIDA COMMUNITY SERVICES CORP. OF WALTON COUNTY

PROJECT NAME:

SHEET TITLE: PRESSURE SEWER STANDARD DETAILS

SEAL:

DRAWN BY:	CHECKED BY:
RT	RAD

PROJECT NO.:

DRAWING SCALE: N.T.S.

PLOT DATE:

SHEET NO. OF

SHEET. PS-1