

BEDDING DETAIL NOTES:

1.0 THE BACKFILL TO A POINT TWELVE (12) INCHES ABOVE THE PIPE SHALL BE PLACED BY HAND AND SHALL BE CAREFULLY SELECTED MATERIAL FREE FROM ROCKS, BOULDERS, CLODS, ORGANIC MATERIAL, OR OTHER DEBRIS AND LIGHTLY COMPACTED PRIOR TO PLACING REMAINING BACKFILL. THE BALANCE OF THE BACKFILL MAY BE PLACED IN THE DITCH BY HAND OR BY MECHANICAL EQUIPMENT. NO BACKFILL SHALL BE DROPPED DIRECTLY ONTO EXPOSED PIPE.

2.0 CONTRACTOR SHALL EMPLOY AN EXCAVATOR—MOUNTED TRENCH ROLLER OR OTHER MECHANICAL COMPACTION EQUIPMENT TO PROVIDE BACKFILL DENSITIES OF 95% OR GREATER AT ±2% OPTIMUM MOISTURE CONTENT. SURFACE FLOODING AND WATER JETTING OF BACKFILL SHALL NOT BE PERMITTED FOR BACKFILL CONSOLIDATION.

3.0 ALL BACKFILL SHALL BE IN ACCORDANCE WITH SECTION 3.0 OF REGIONAL UTILITIES CONSTRUCTION SPECIFICATIONS

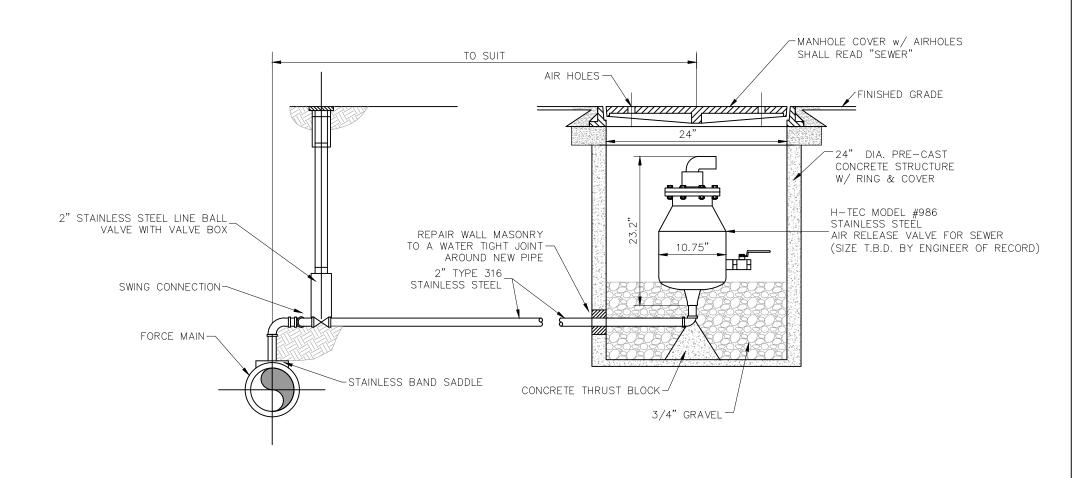
4.0 PIPE COVER SHALL NOT BE LESS THAN 36 INCHES, NOR GREATER THAN 48 INCHES EXCEPT WHERE SPECIFICALLY SHOWN ON THE CONSTRUCTION DRAWINGS AND APPROVED BY REGIONAL UTILITIES.

TYPICAL BEDDING DETAIL

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 AS SPECIFIED IN APPROVED MATERIAL LIST SHALL BE REQUIRED AT ALL FORCE MAIN VALVE LOCATIONS.
- 10. ALL FORCE MAINS SHALL HAVE 12 GAUGE TRACER WIRE WRAPPED ON THEM WITH 2—FEET OF EXTRA WIRE AT ALL VALVE BOXES.
- 11. JOINT RESTRAINTS SHALL BE REQUIRED ON ALL FORCE MAINS LOCATED IN PAVED AREAS.
- 12. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH REGIONAL UTILITIES' WRITTEN SPECIFICATIONS, LATEST EDITION.
- 13. AT ALL HIGH POINTS CRESTED DURING FORCE MAIN CONSTRUCTIONS, AIR RELEASE VALVES SHALL BE CONSTRUCTED.



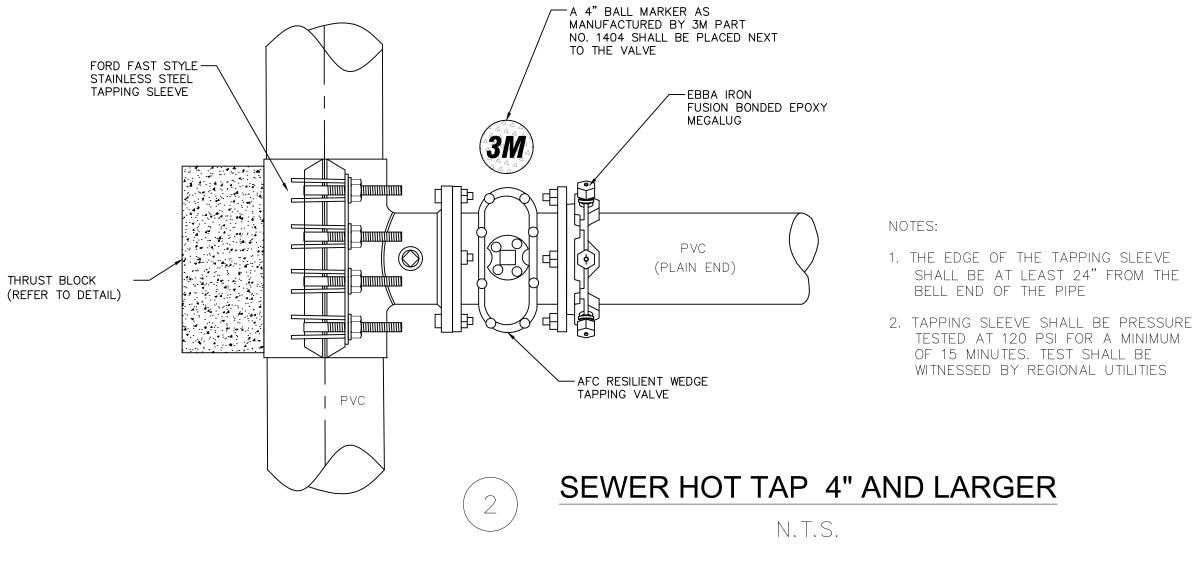
LOCATED AWAY FROM FORCE MAIN

NOTES:

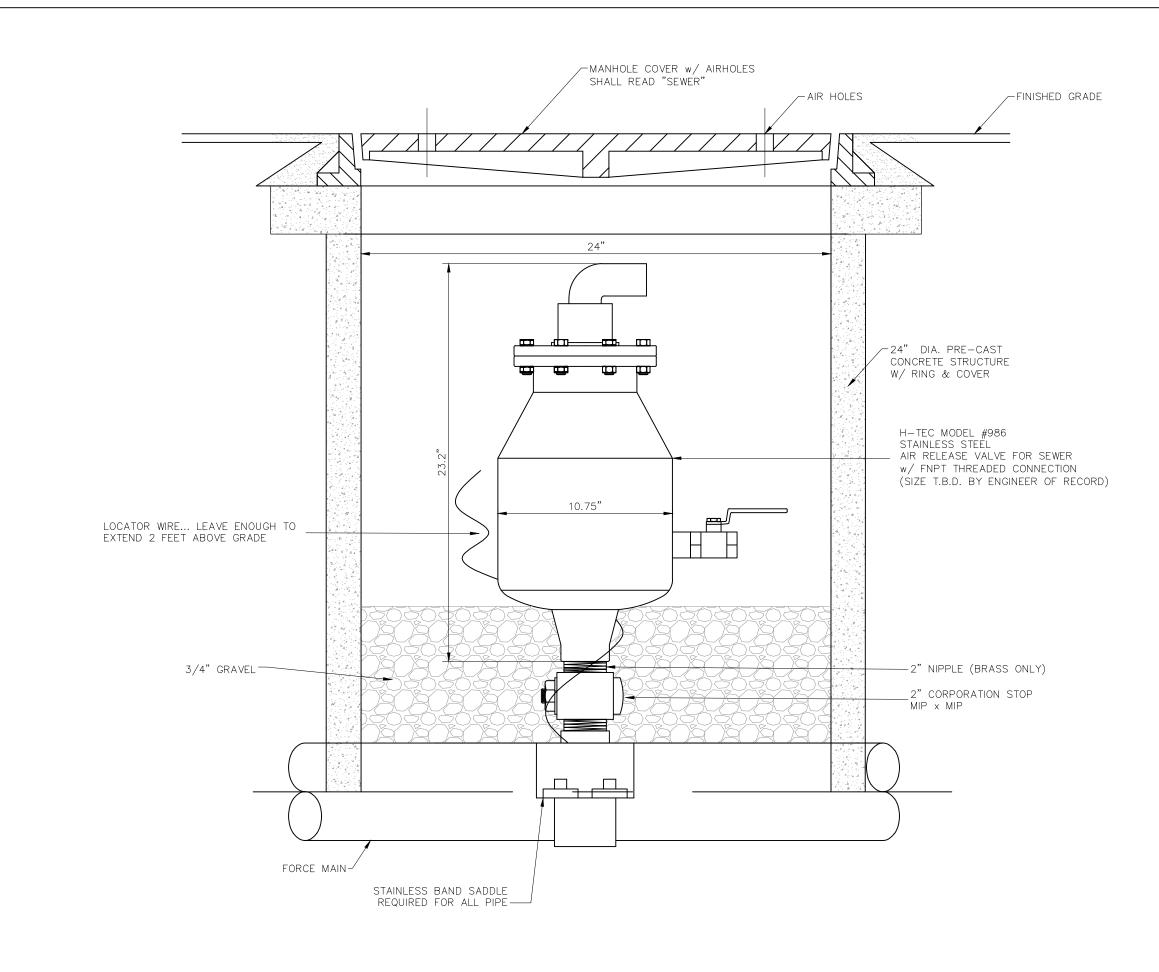
1. BOX TO BE LOCATED OUT OF PAVED AREAS. SET TOP FLUSH IF OCCURS IN SIDEWALK OR 1 1/2" ABOVE GROUND IF IN DIRT OR GRASS AREAS.

2. AUTOMATIC AIR RELEASE AND VACUUM VALVE MODEL #986, STAINLESS STEEL 316Ti w/ FNPT THREADED CONNECTION (SIZE T.B.D. BY ENGINEER OF RECORD)





APPROVED FOR 2019





PLOT DATE:

SHEET NO. 1 OF 2
SHEET.

DRAWING SCALE:

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SEWER DETAILS

SHEET.

PS — 1

DRAWN BY: CHECKED BY

PROJECT NO.: 000-000

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