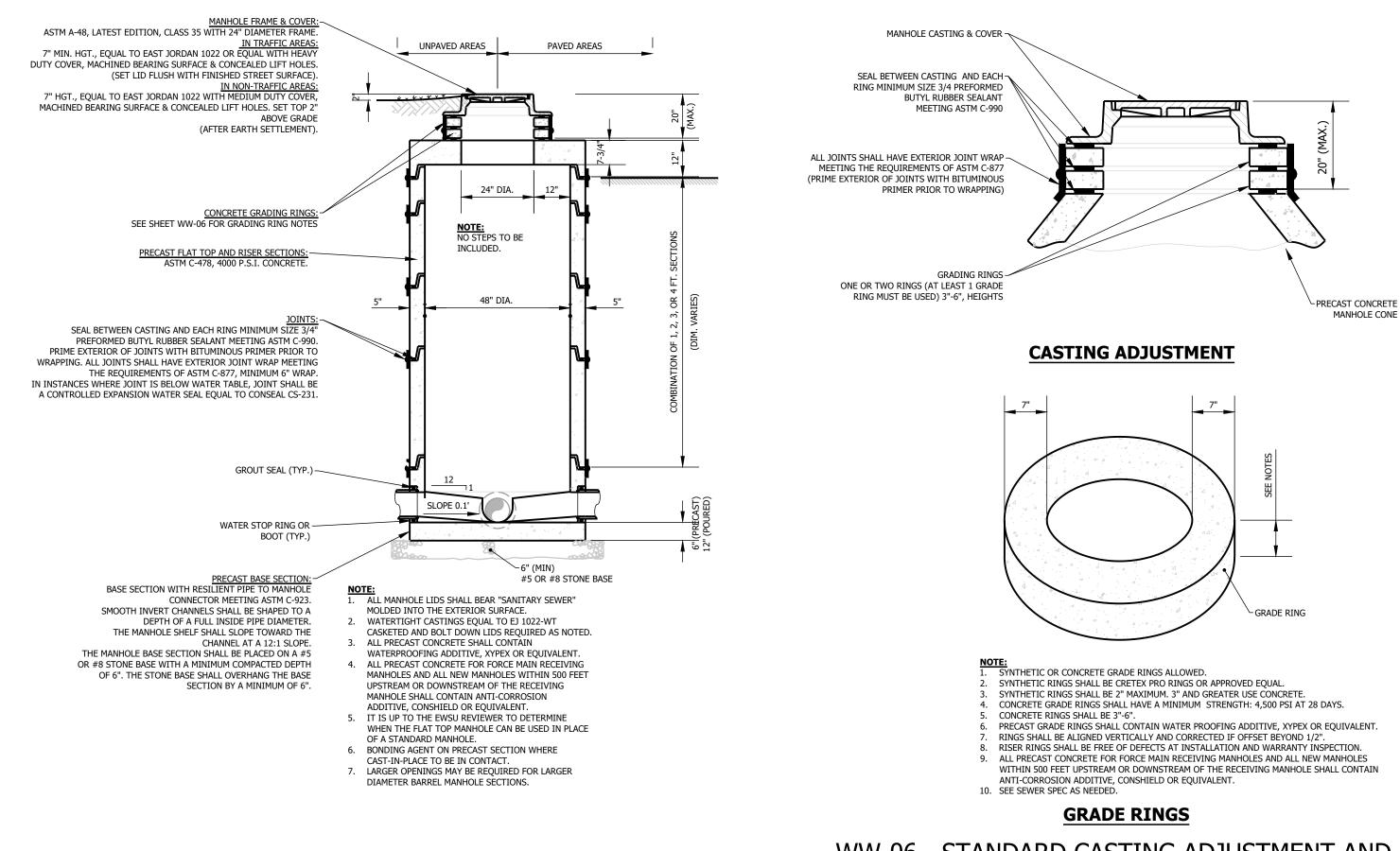


SCALE: N.T.S.

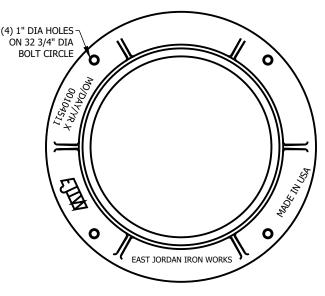


WW-05 - STANDARD PRECAST FLAT TOP MANHOLE

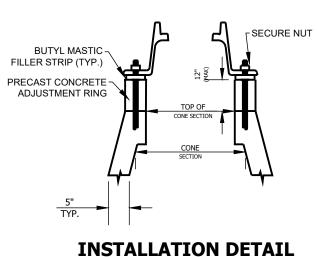
SCALE: N.T.S



WW-06 - STANDARD CASTING ADJUSTMENT AND **GRADE RINGS** SCALE: N.T.S.

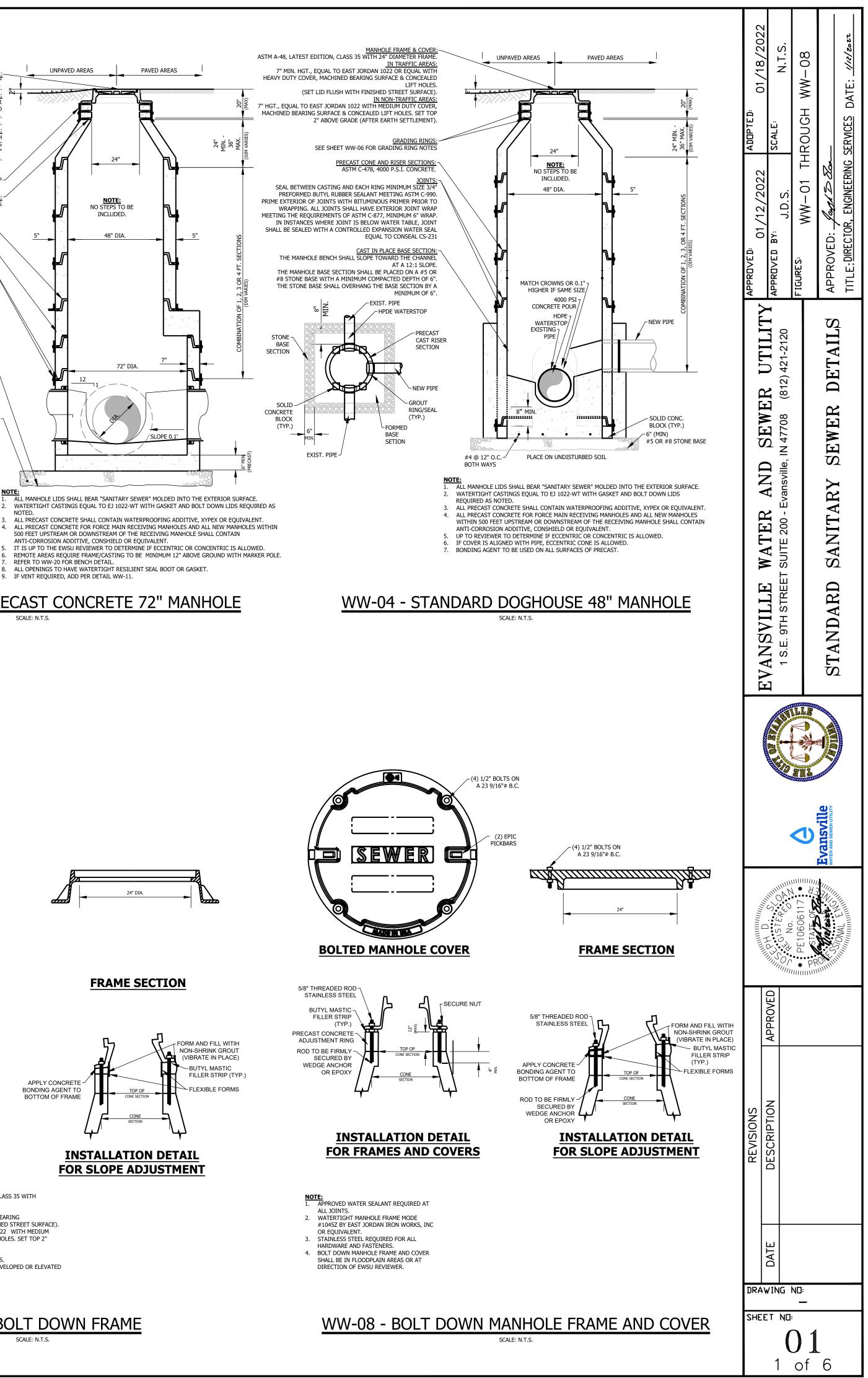


MANHOLE COVER

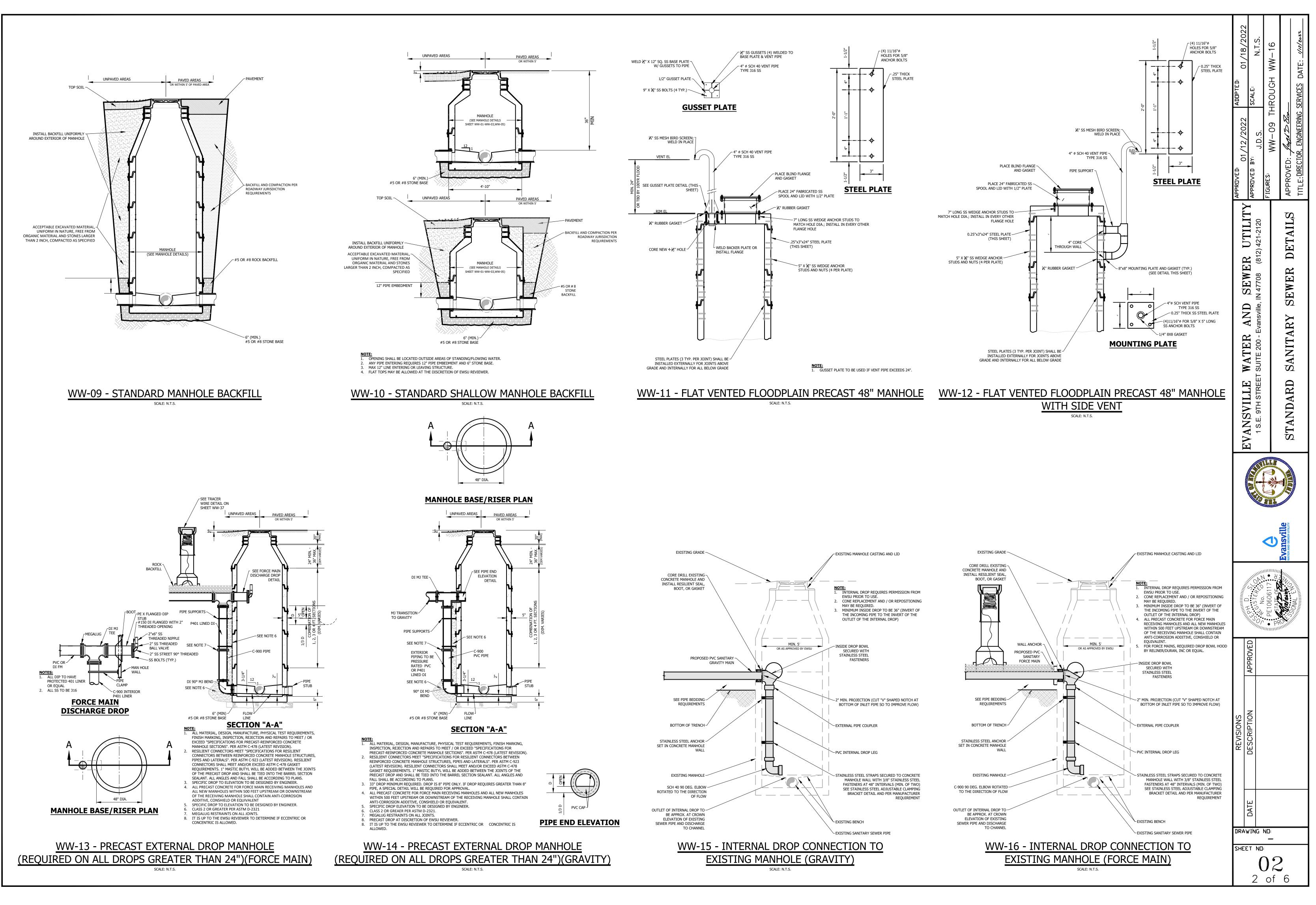


FOR FRAMES AND COVERS

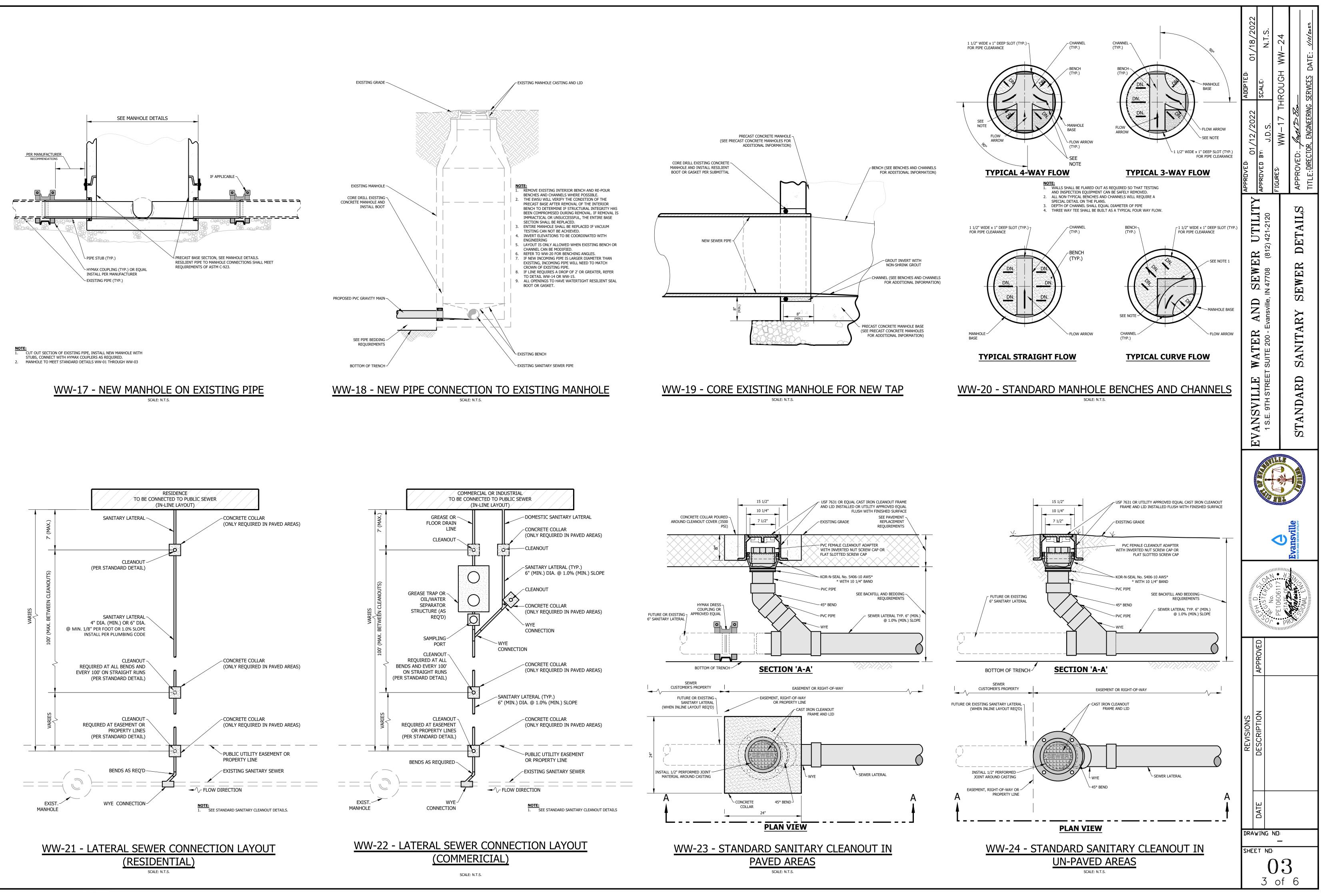
- MANHOLE FRAME & COVER TO BE ASTM A-48, LATEST EDITION, CLASS 35 WITH
- 24" DIAMETER FRAME. IN TRAFFIC AREAS, 7" MINIMUM HEIGHT., EQUAL TO EAST
- JORDAN 1022 OR EQUAL WITH HEAVY DUTY COVER, MACHINED BEARING SURFACE & CONCEALED LIFTHOLES. (SET LID FLUSH WITH FINISHED STREET SURFACE). 3. IN NON-TRAFFIC AREAS, 7" HEIGHT, EQUAL TO EAST JORDAN 1022 WITH MEDIUM
- DUTY COVER, MACHINED BEARING SURFACE & CONCEALED LIFT HOLES. SET TOP 2"
- ABOVE GRADE (AFTER EARTH SETTLEMENT). APPROVED WATER SEALANT REQUIRED AT ALL JOINTS.
- STAINLESS STEEL REQUIRED FOR ALL HARDWARE AND FASTENERS. BOLT DOWN MANHOLE FRAME TYPICALLY USED IN REMOTE UNDEVELOPED OR ELEVATED AREAS, ETC.



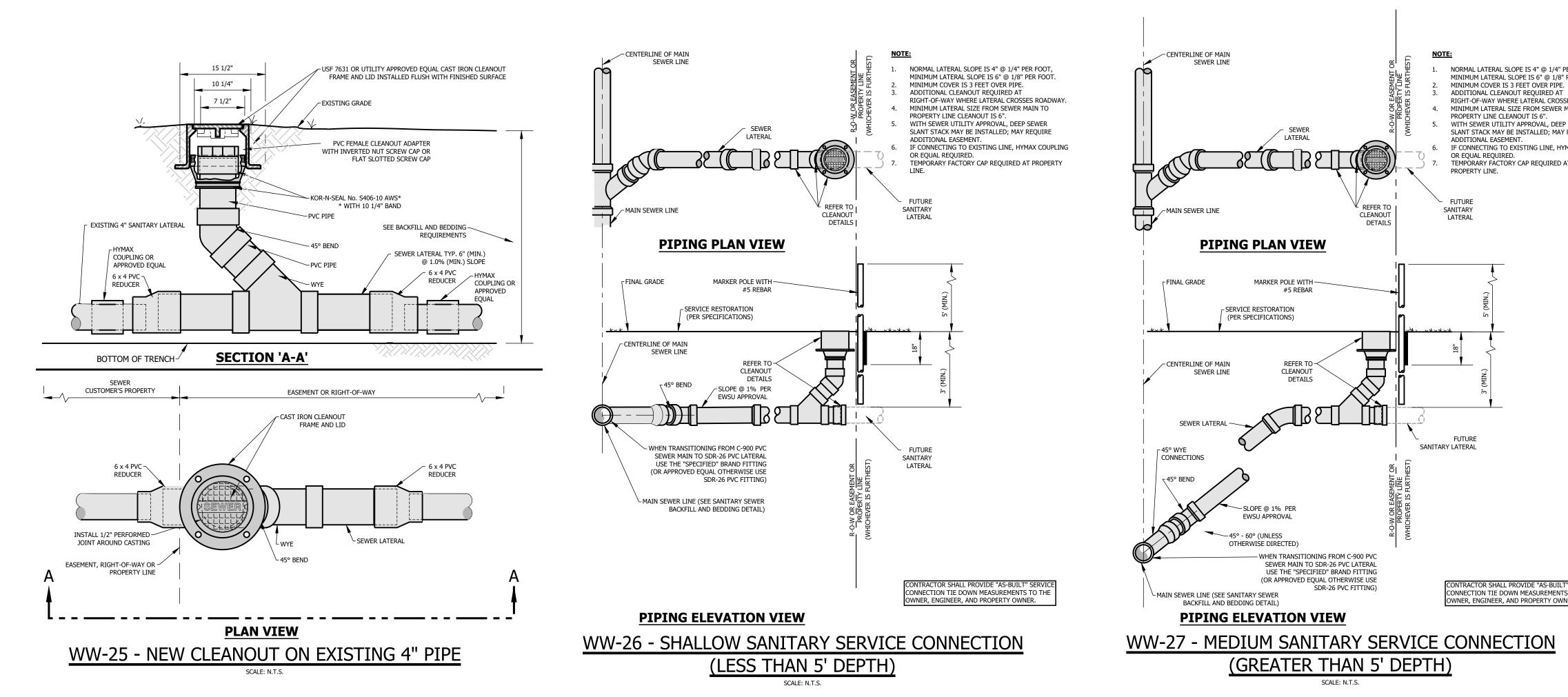
WW-07 - BOLT DOWN FRAME

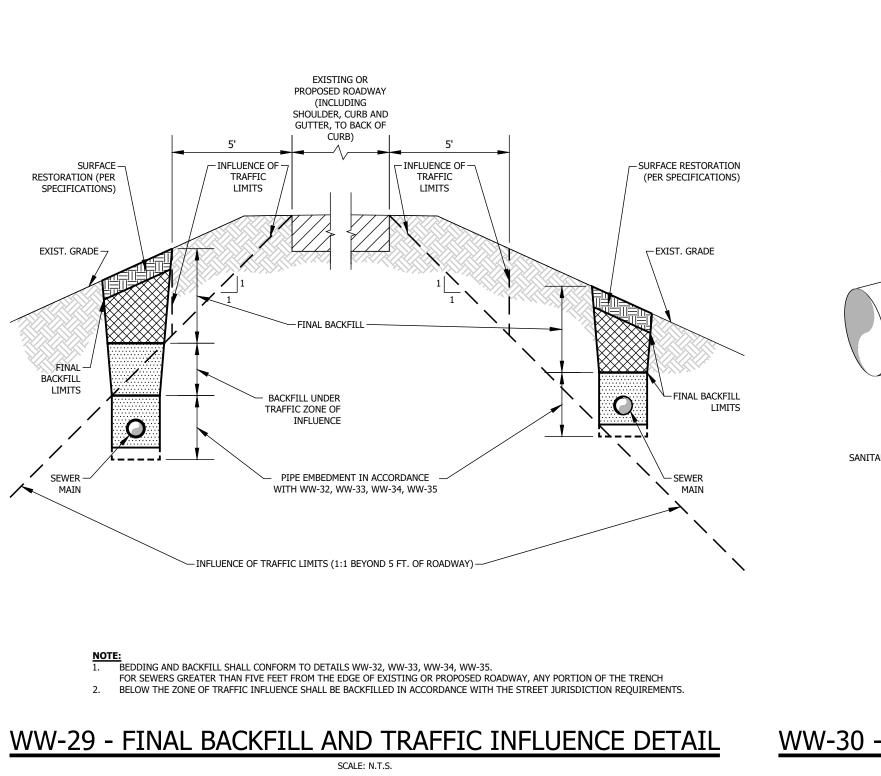


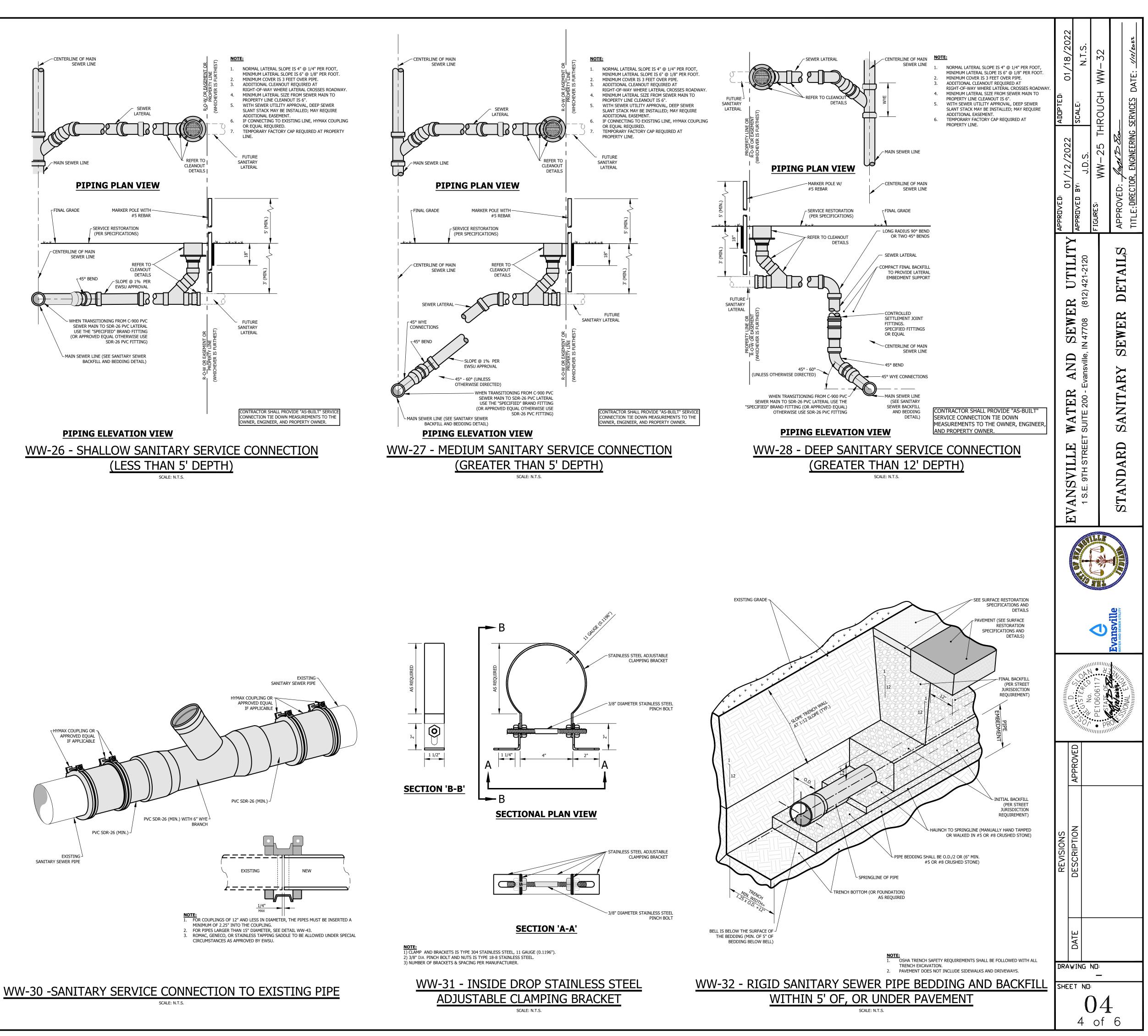
Date: Feb 09, 2022, 12:05pm User Name: TRutherford File: S:\113-0170\WR\CAD\Plans\Details Proposed by L.G\Sanitary Sewer\24x36 Detail Sheets\Updated 2022-02-04\WW-01 through WW-43.dw

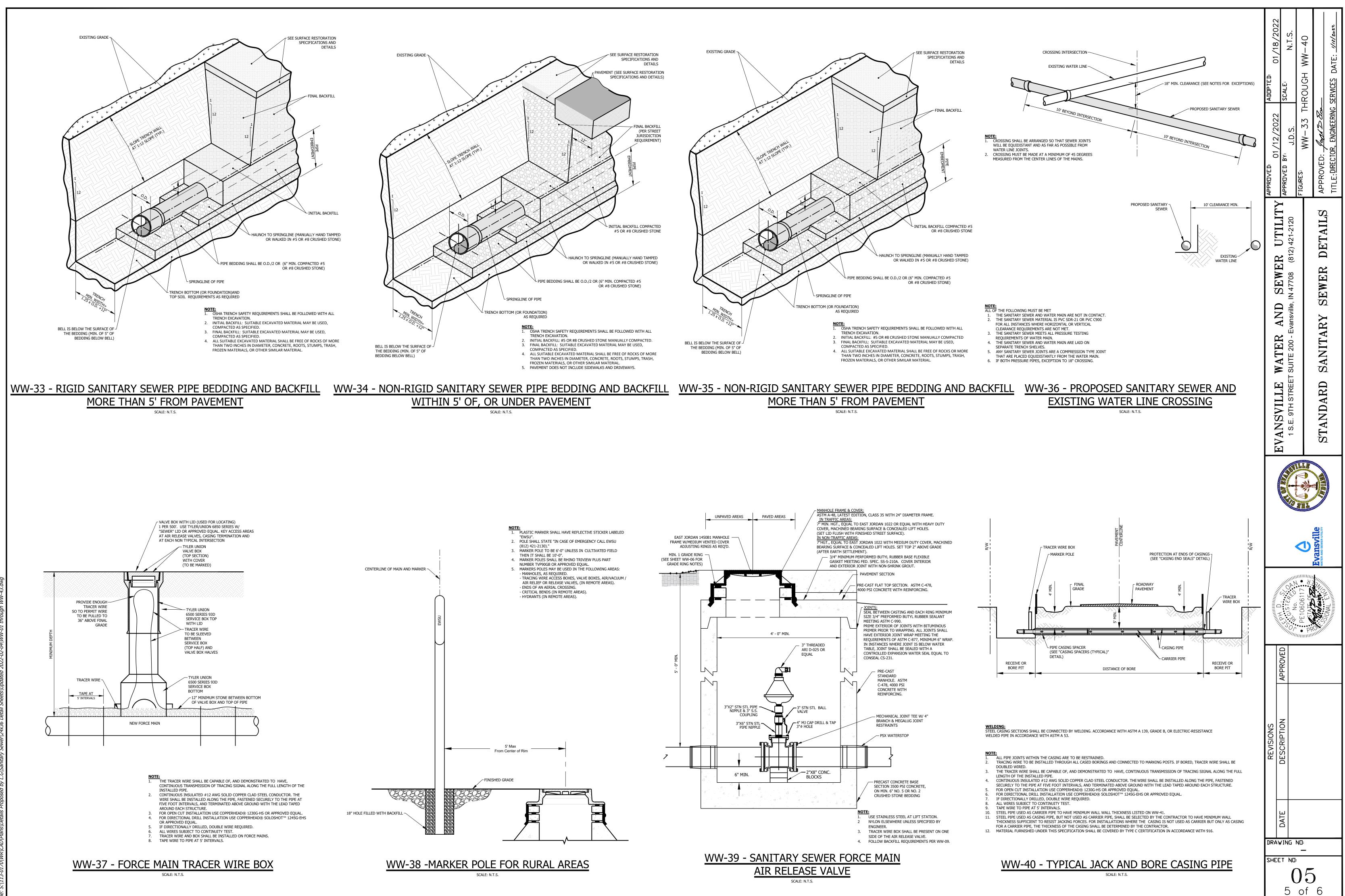


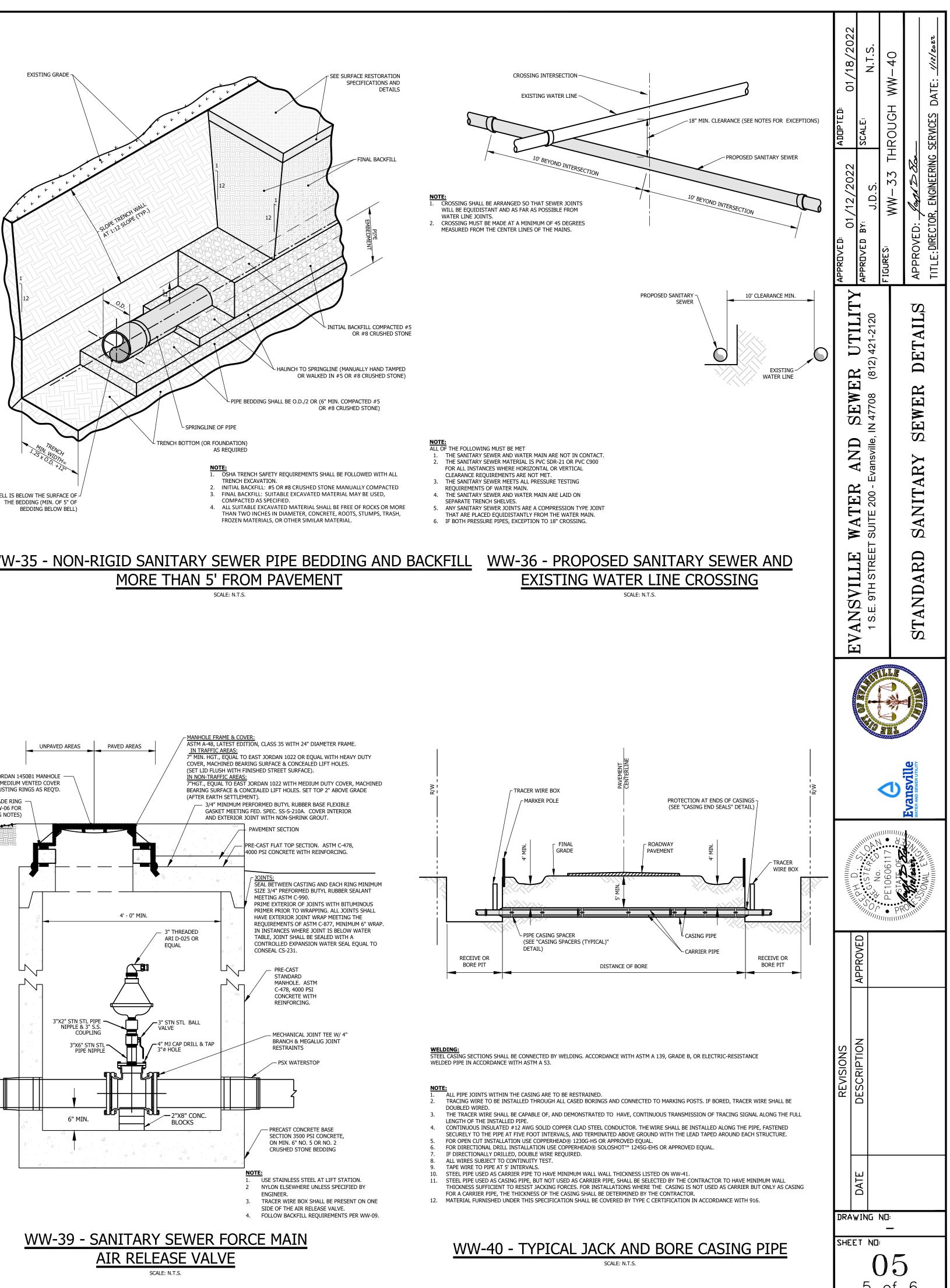


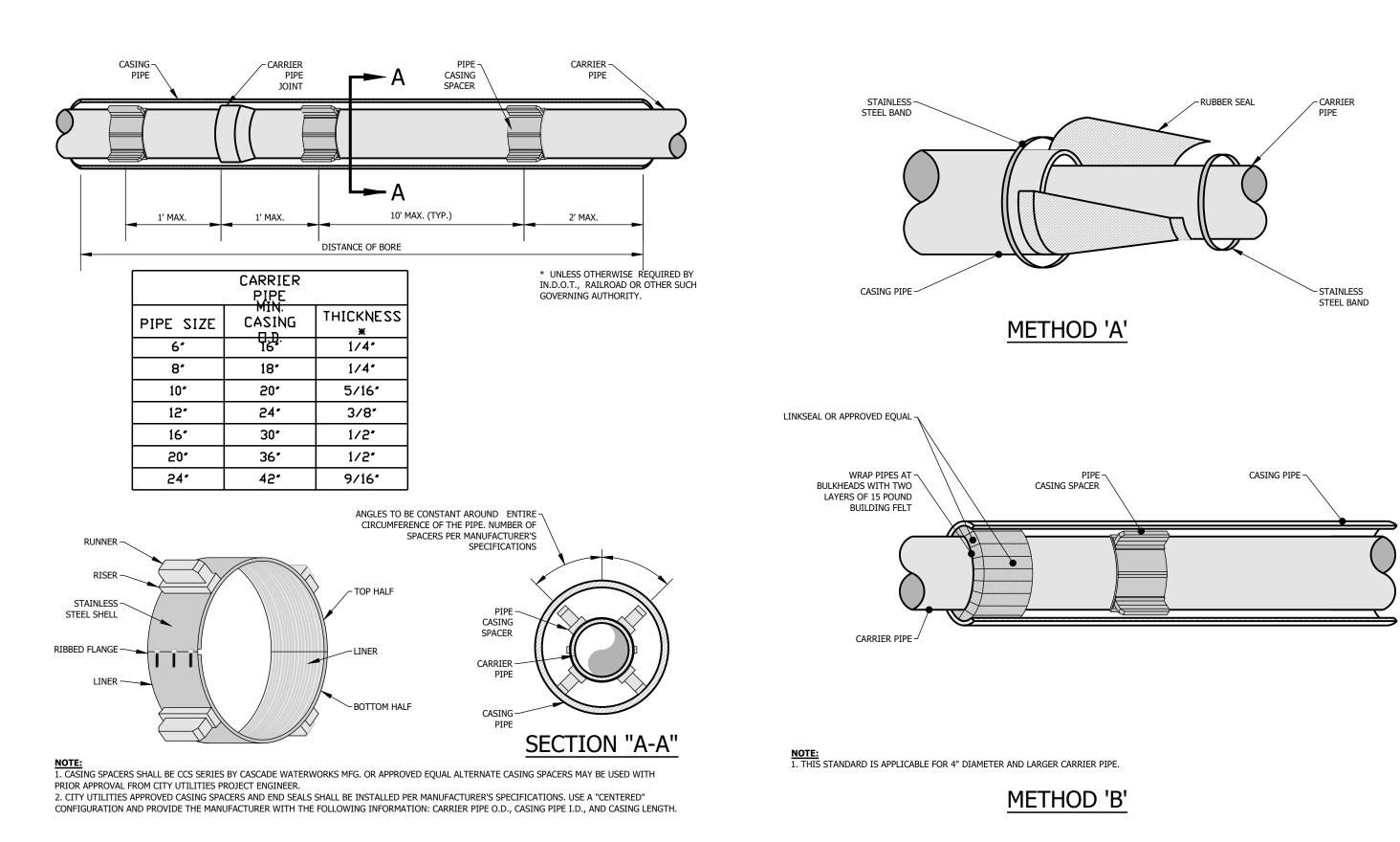




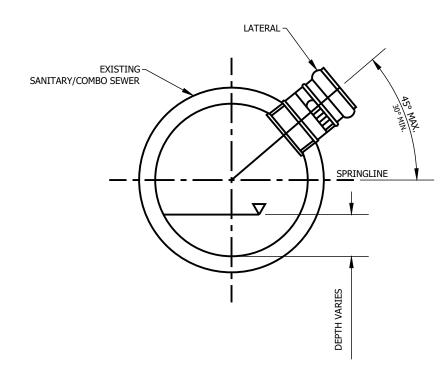








WW-41 -TYPICAL CASING SPACERS SCALE: N.T.S.



NOTE:
1. TO BE USED ON 15" Ø PIPE OR LARGER.
2. SADDLE TAP SHALL BE KOR-N-TEE OR APPROVED EQUAL.
3. LATERAL CONNECTIONS SHALL BE 6"-10".
4. CORE BIT PER MANUFACTURER SPECIFICATION.
5. HDPE AND PVC PRODUCT SHALL BE DETERMINED BY THE EWSU REVIEWER.

MATERIAL & DIAMETER vs. PREFERRED PRODUCT MANUFACTURER AND /OR PROCESS			
15"	18"	24"+	
INSERTA -TEE	INSERTA -TEE	INSERTA -TEE	
TBD	TBD	TBD	
TBD	TBD	TBD	
TBD	TBD	KOR-N-TEE	
	15" INSERTA -TEE TBD TBD	15" 18" INSERTA -TEE INSERTA -TEE TBD TBD TBD TBD	

WW-42 - TYPICAL CASING END SEALS SCALE: N.T.S.

WW-43 - MEDIUM/LARGE DIAMETER TAPPING SADDLE SCALE: N.T.S.

APPROVED: 01/12/2022 APPROVED BY: J.D.S. FTGLIDES:	APPROVED: June 41 THROUGH WW-43 APPROVED: June 2000 Services Date: 1/12/2022
EVANSVILLE WATER AND SEWER UTILITY 1 S.E. 9TH STREET SUITE 200 - Evansville, IN 47708 (812) 421-2120	STANDARD SANITARY SEWER DETAILS
DATE DESCRIPTION APPROVED	
SHEET NO:	6 6 6