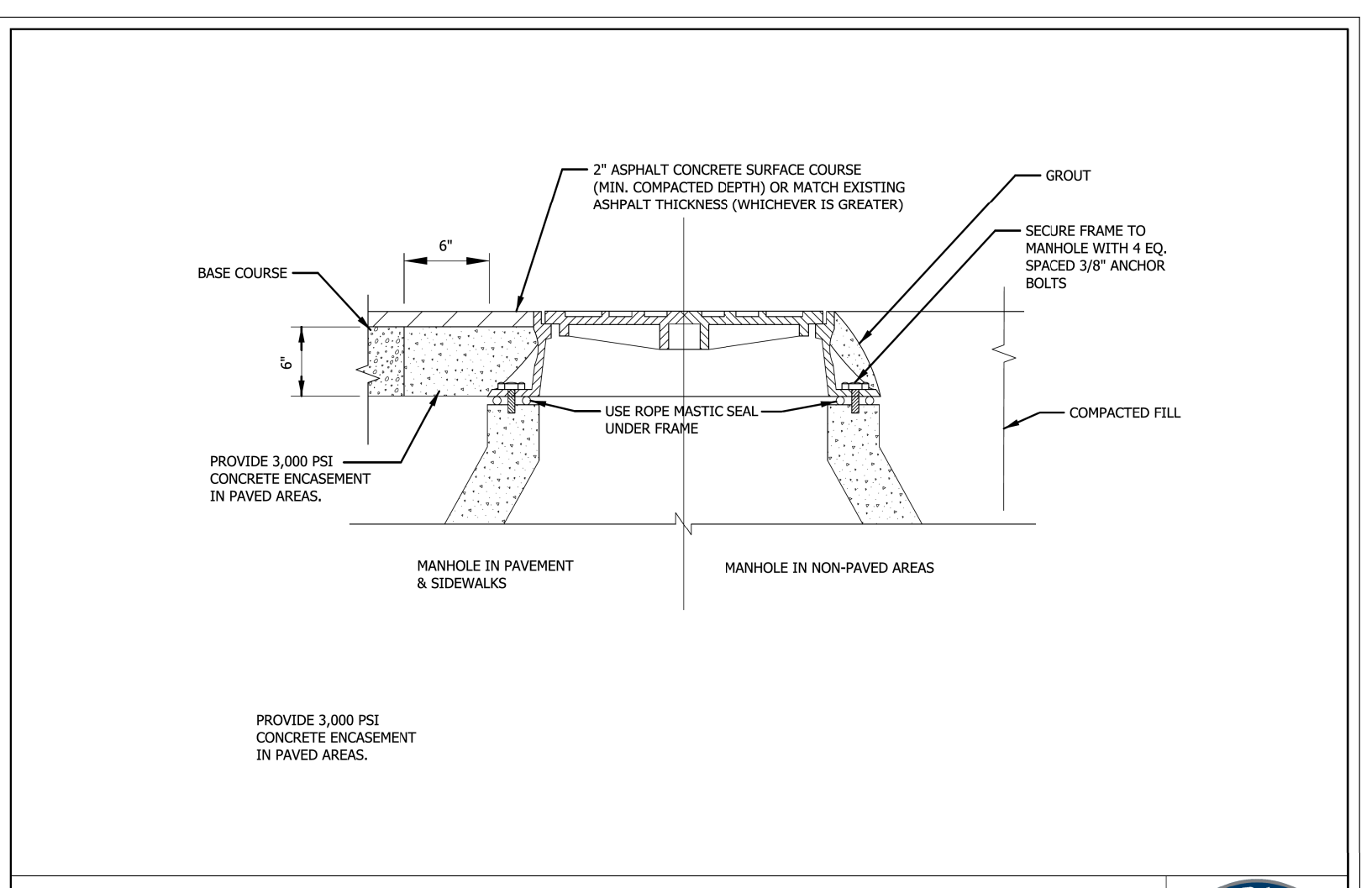
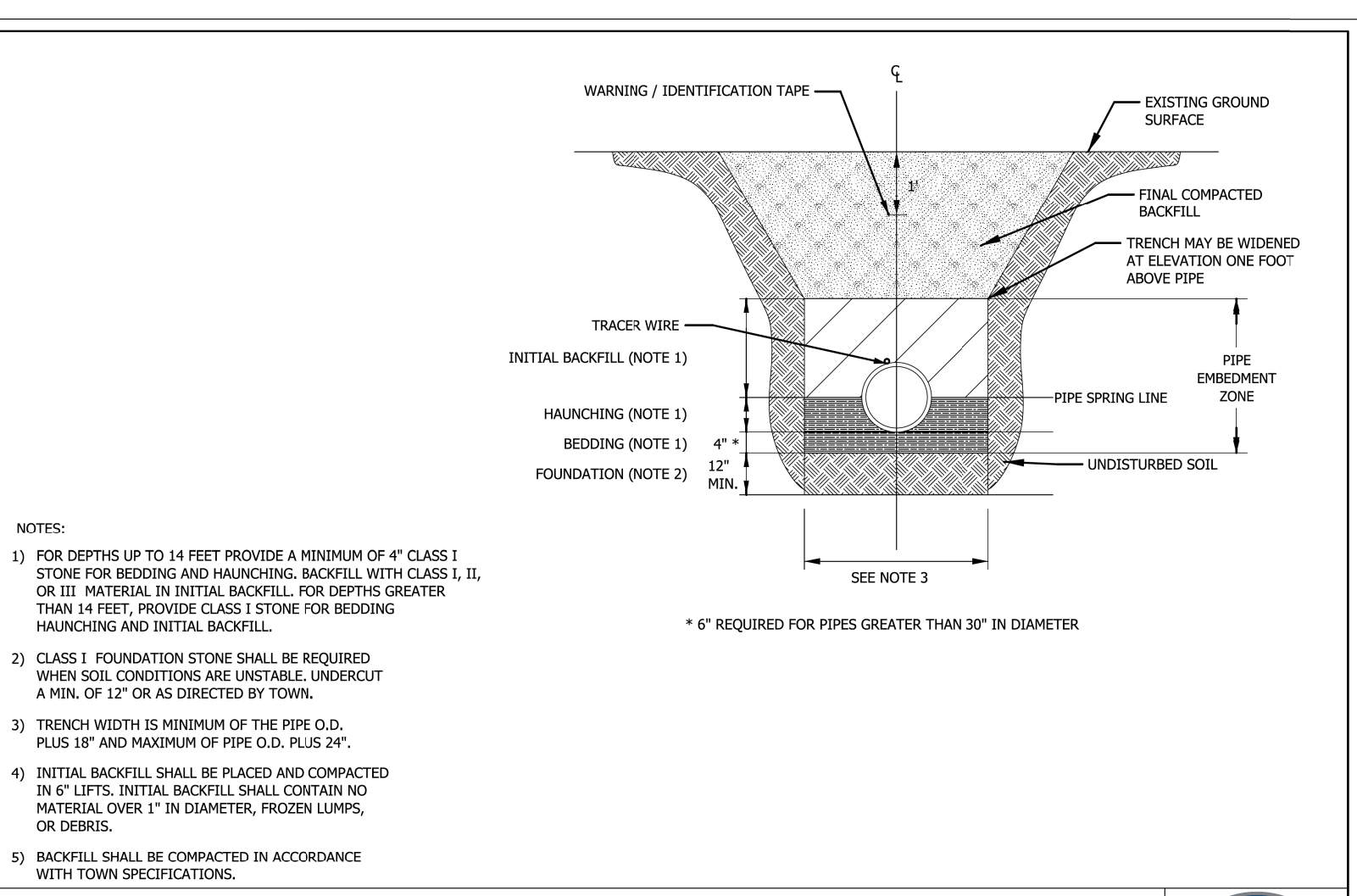


UTILITY CONSTRUCTION
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

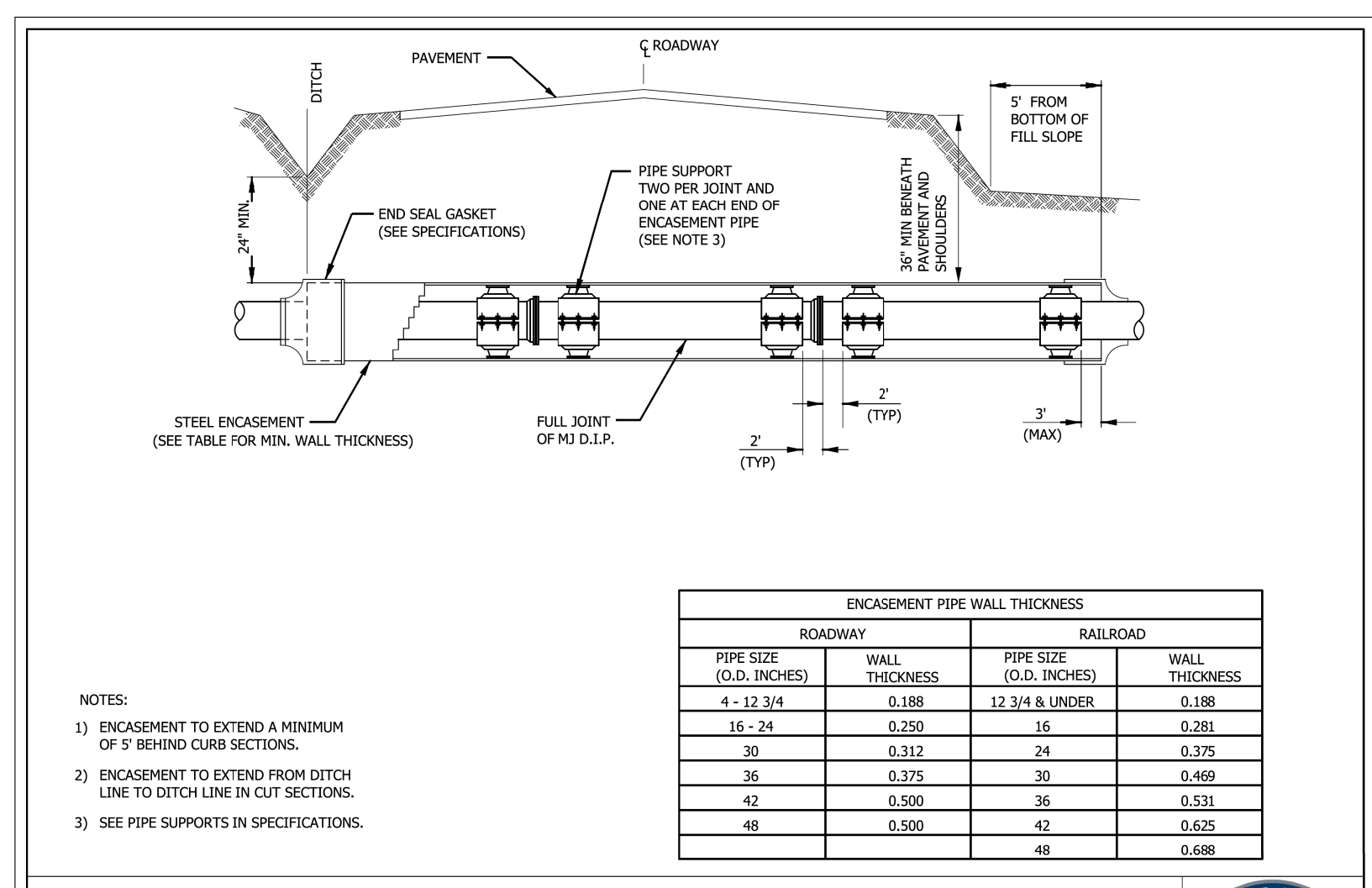
SEWER TYPICAL DETAILS



MANHOLE RING AND COVER ANCHORING
DATE: 07/01/19
STANDARD DETAIL
SHEET 1 OF 1
STD. No. S-1.10

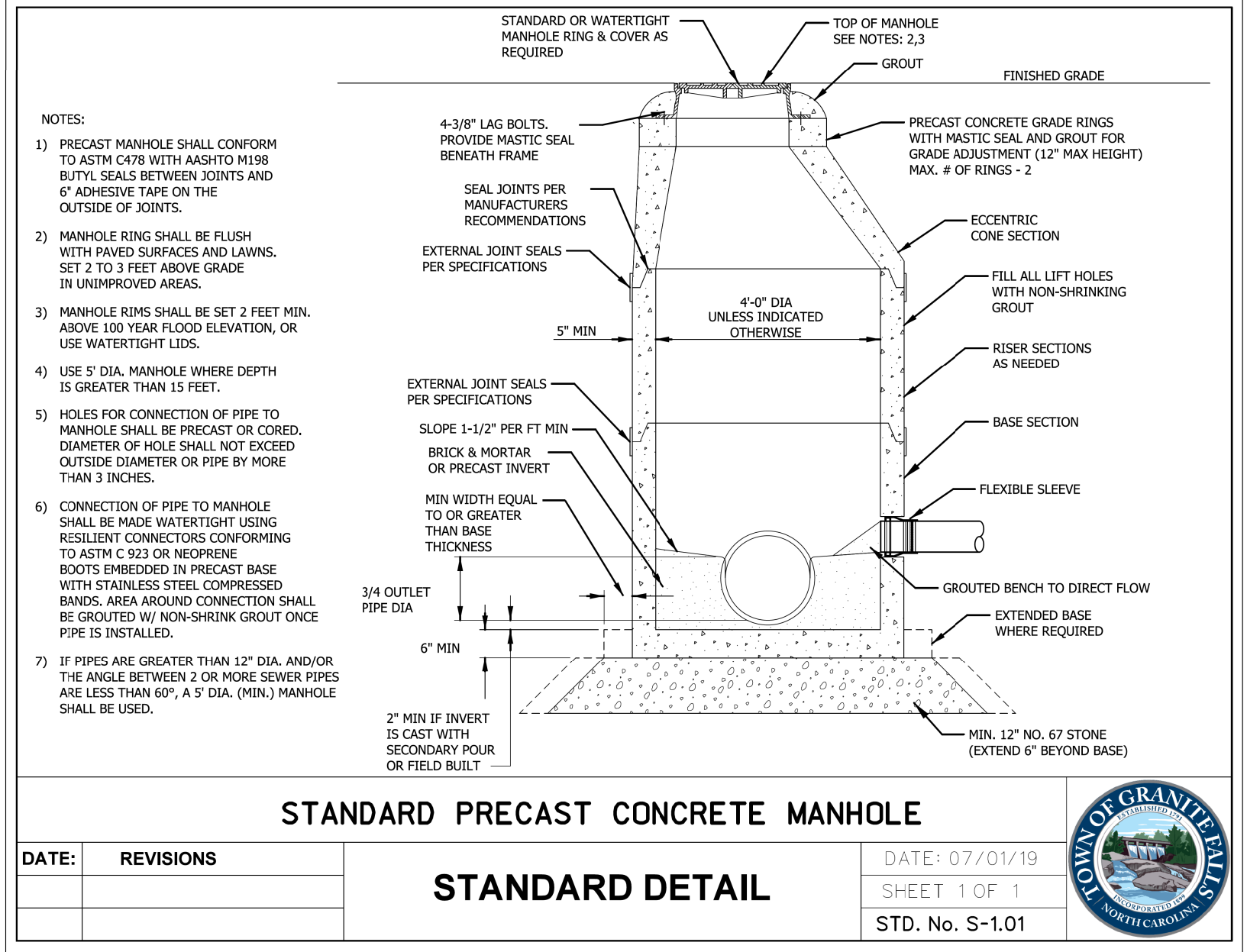


PVC (FLEXIBLE) PIPE GRAVITY SEWER BACKFILLING
DATE: 07/01/19
STANDARD DETAIL
SHEET 1 OF 1
STD. No. S-1.15

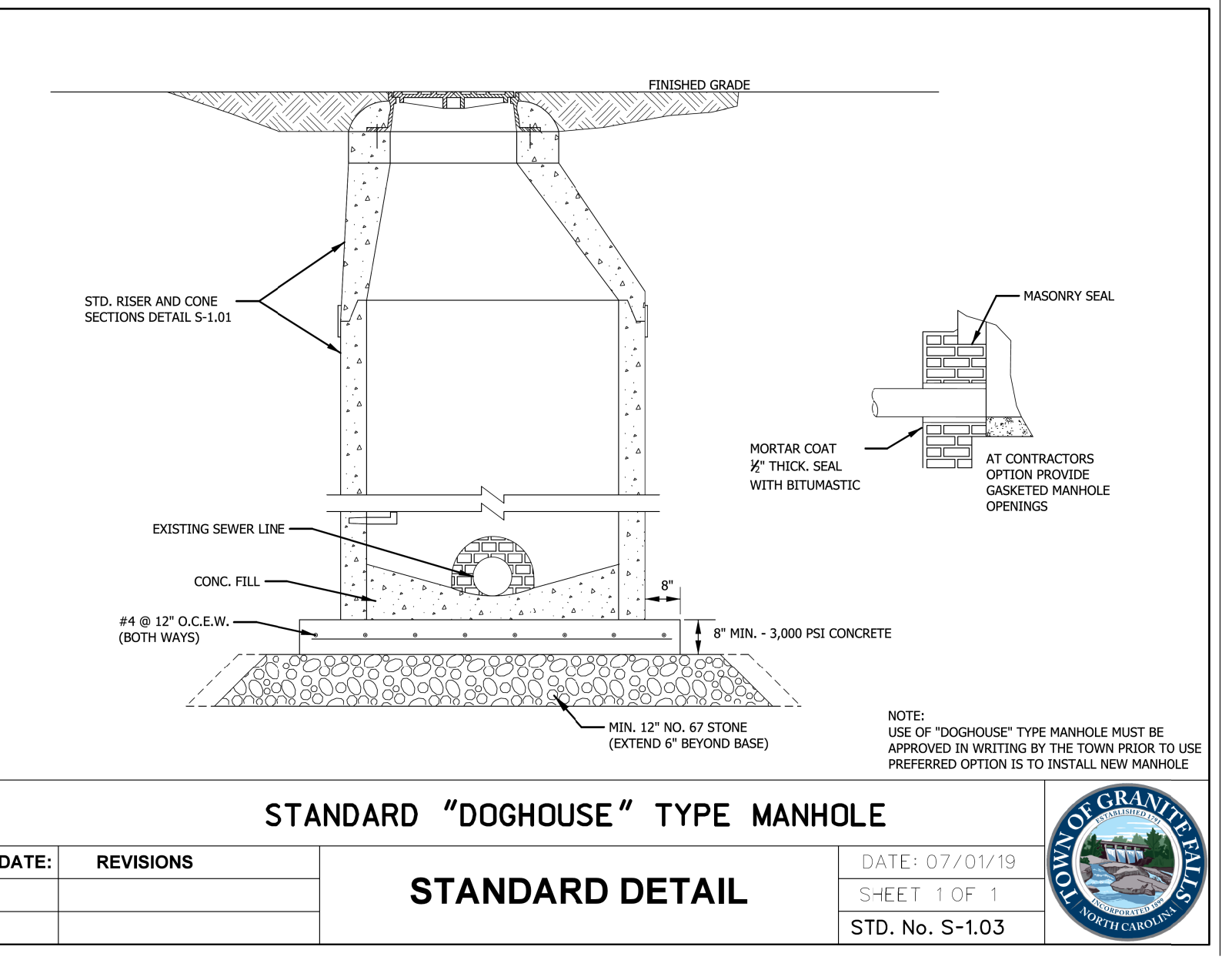


PIPE INSTALLATION IN STEEL ENCASUREMENT
DATE: 07/01/19
STANDARD DETAIL
SHEET 1 OF 1
STD. No. S-1.17

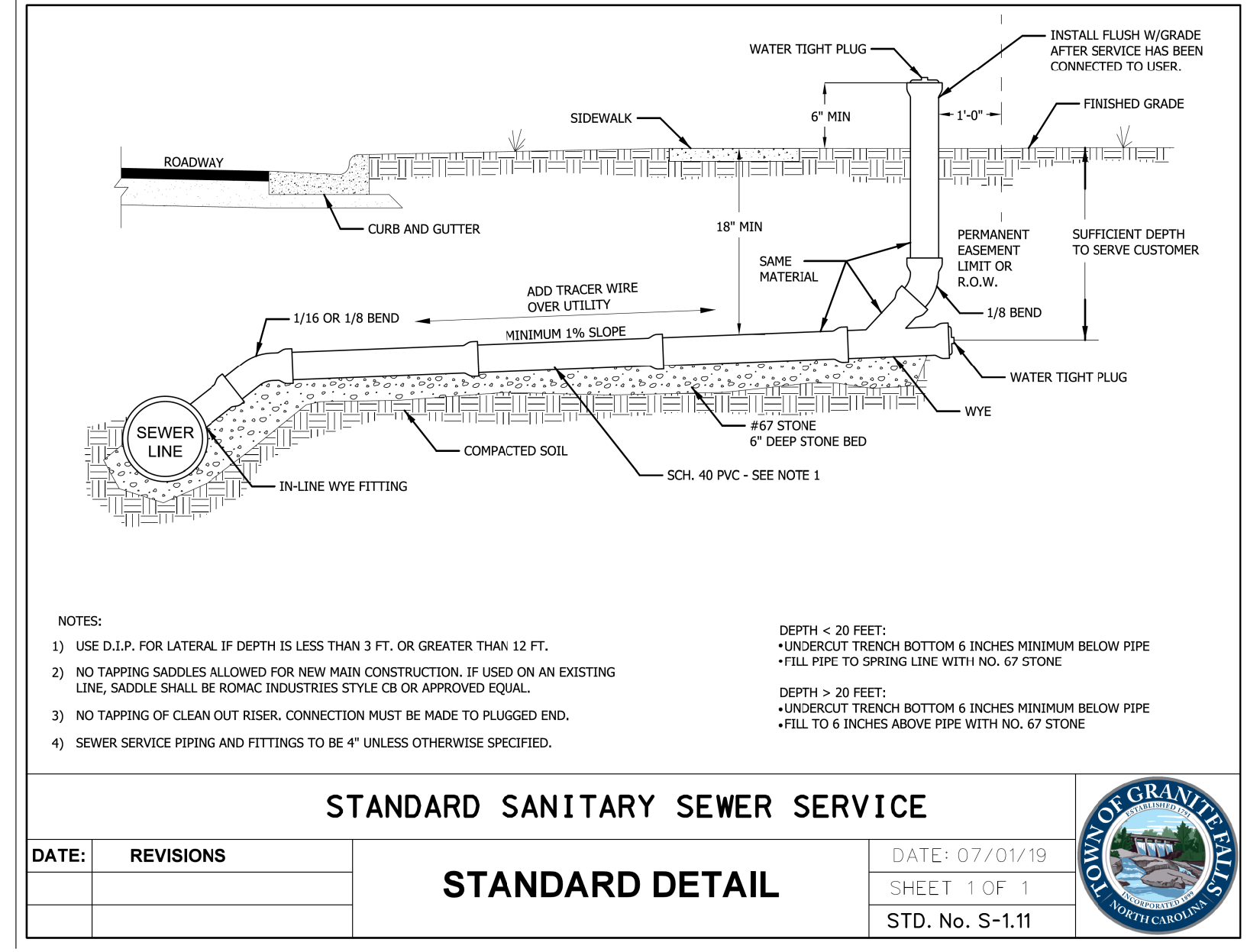
ENCASUREMENT PIPE WALL THICKNESS			
ROADWAY		RAILROAD	
PIPE SIZE (O.D. INCHES)	WALL THICKNESS	PIPE SIZE (O.D. INCHES)	WALL THICKNESS
4 - 12 3/4	0.188	12 3/4 & UNDER	0.188
16 - 24	0.250	16	0.281
30	0.312	24	0.375
36	0.375	30	0.469
42	0.500	36	0.531
48	0.500	42	0.625
		48	0.688



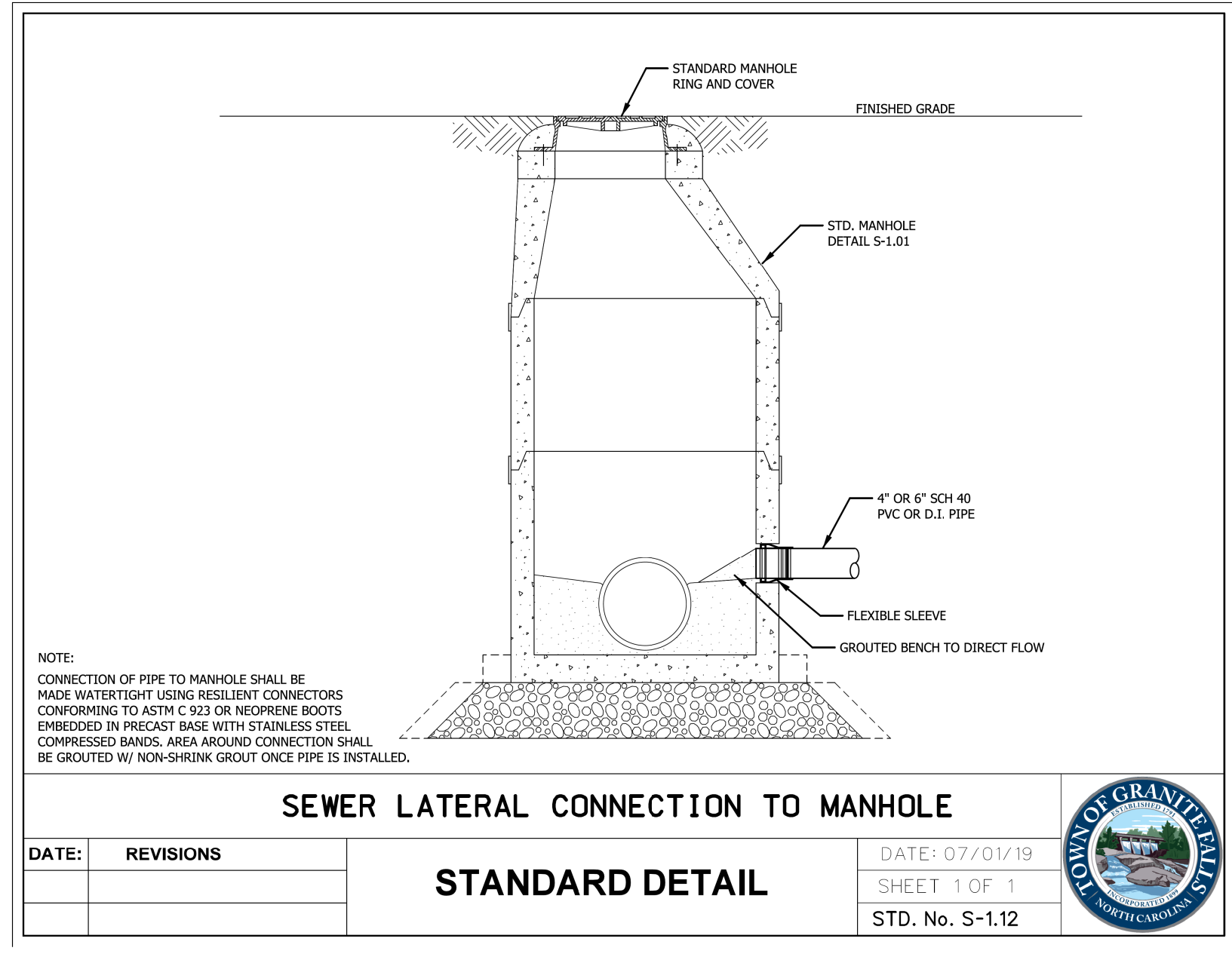
STANDARD PRECAST CONCRETE MANHOLE
DATE: 07/01/19
STANDARD DETAIL
SHEET 1 OF 1
STD. No. S-1.01



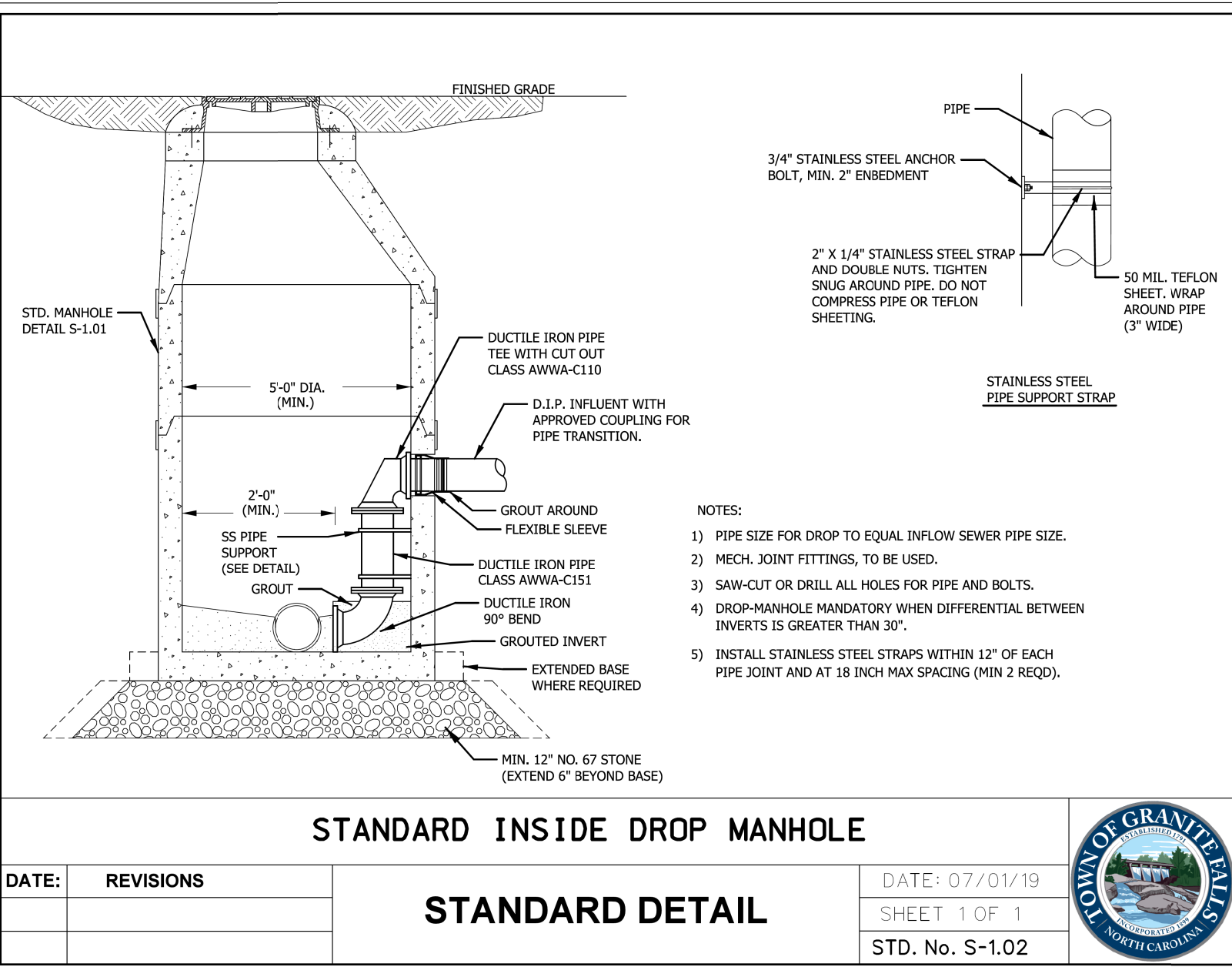
STANDARD "DOGHOUSE" TYPE MANHOLE
DATE: 07/01/19
STANDARD DETAIL
SHEET 1 OF 1
STD. No. S-1.03



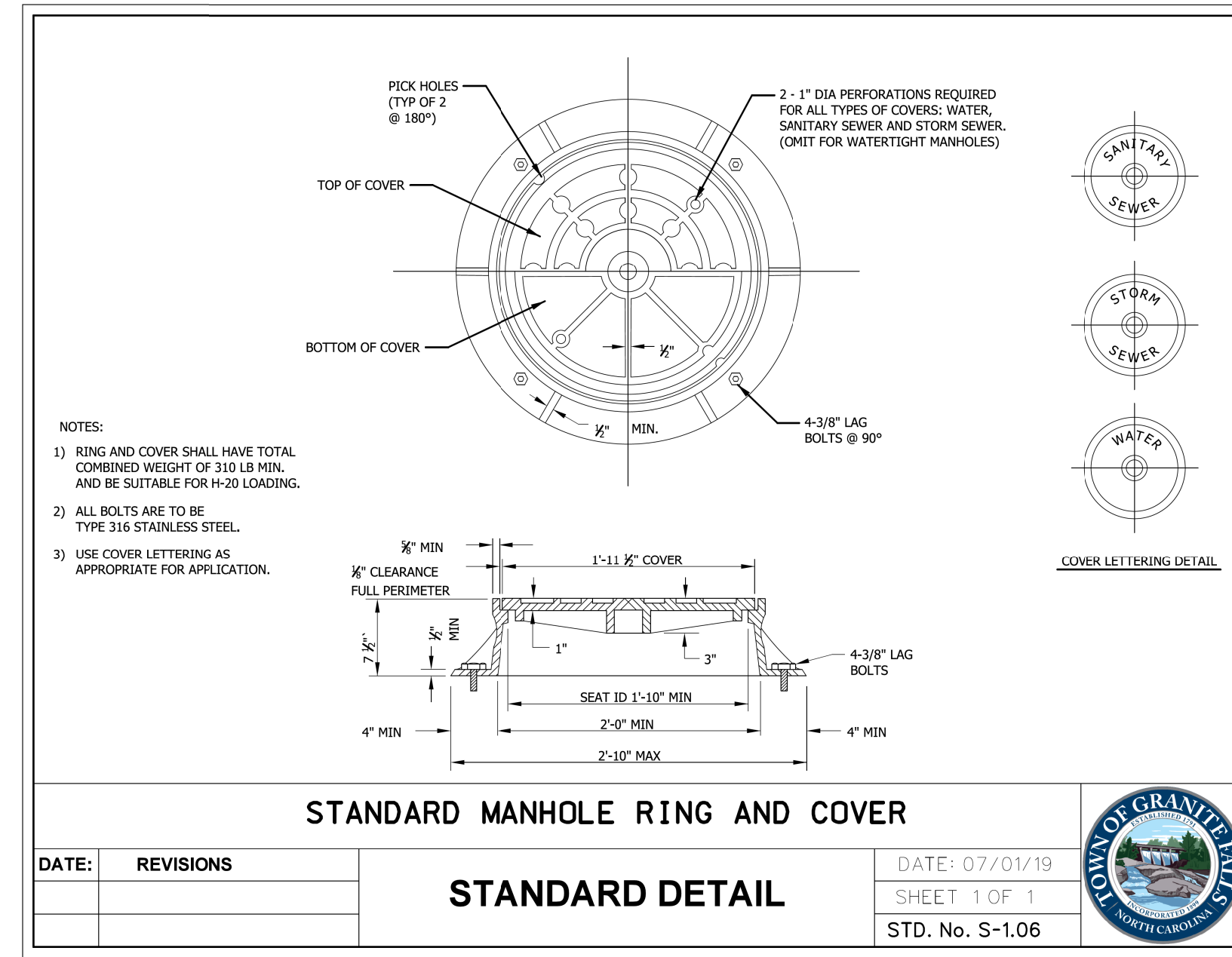
STANDARD SANITARY SEWER SERVICE
DATE: 07/01/19
STANDARD DETAIL
SHEET 1 OF 1
STD. No. S-1.11



SEWER LATERAL CONNECTION TO MANHOLE
DATE: 07/01/19
STANDARD DETAIL
SHEET 1 OF 1
STD. No. S-1.12



STANDARD INSIDE DROP MANHOLE
DATE: 07/01/19
STANDARD DETAIL
SHEET 1 OF 1
STD. No. S-1.02



STANDARD MANHOLE RING AND COVER
DATE: 07/01/19
STANDARD DETAIL
SHEET 1 OF 1
STD. No. S-1.06