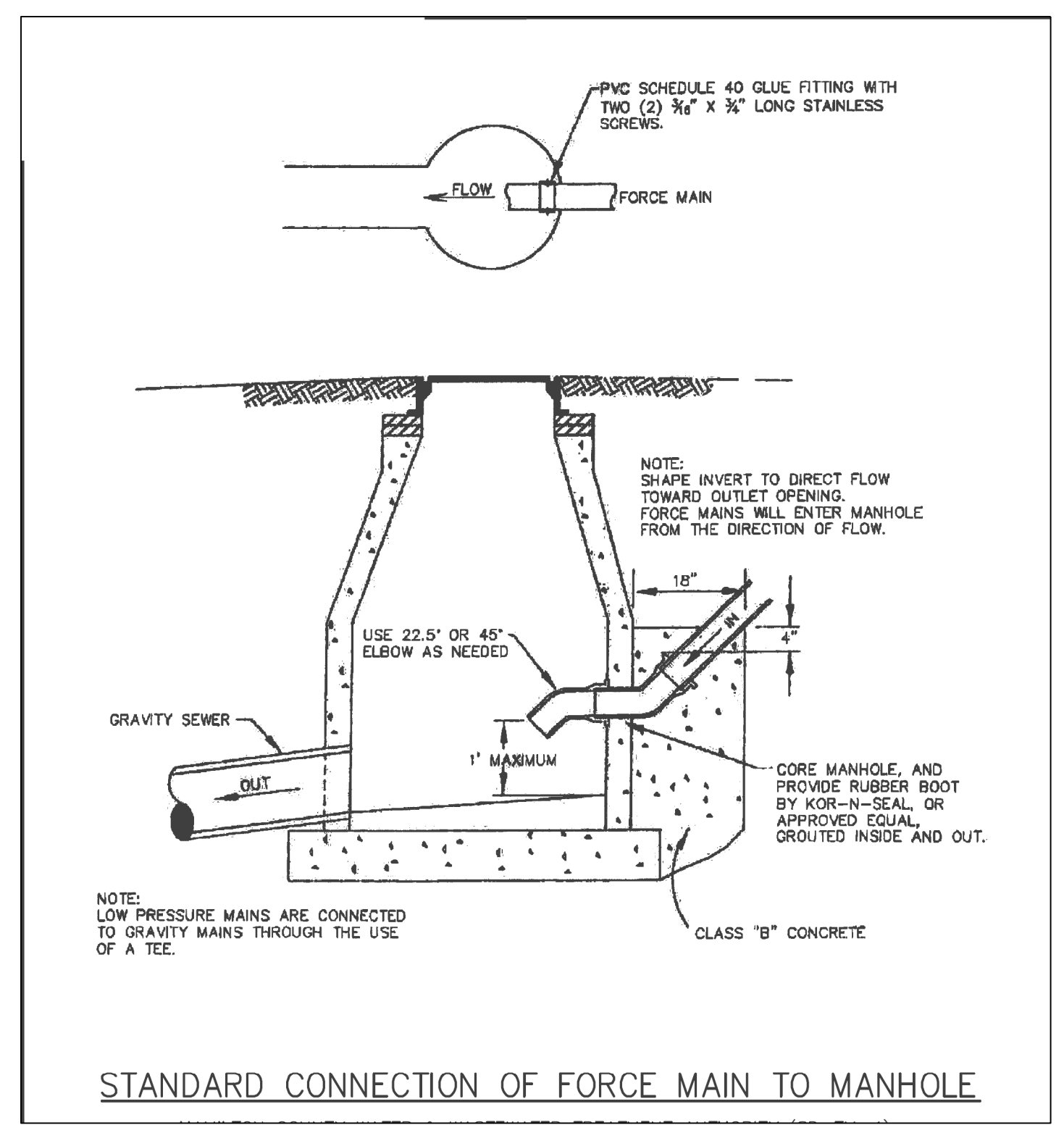


PROJECT TYPICAL DETAILS

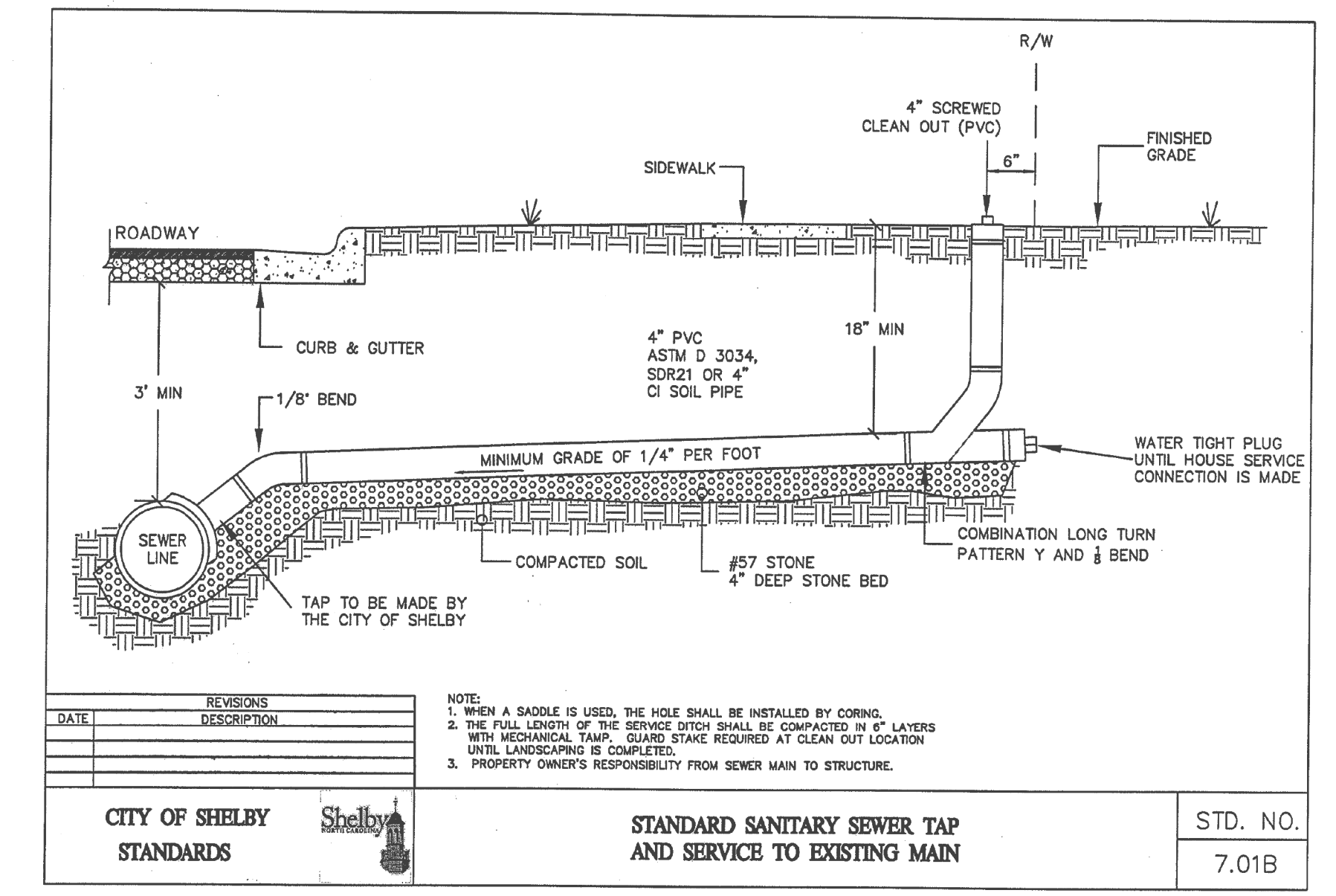


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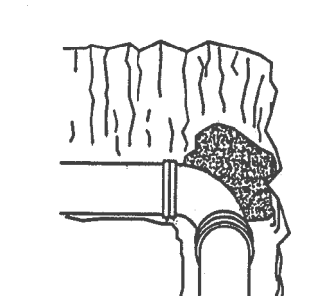
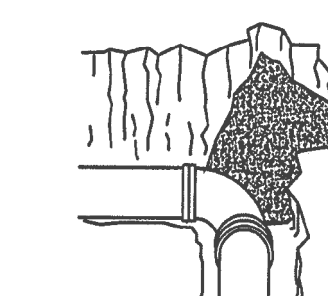
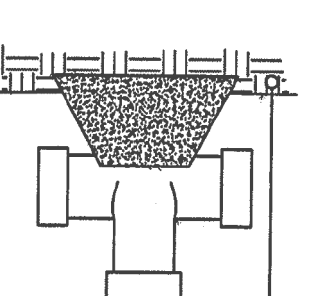
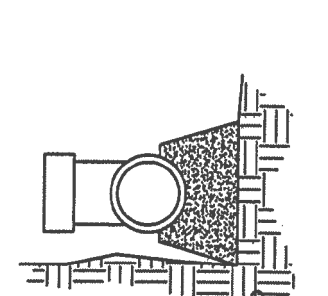
PROJECT REFERENCE NO.	R-2707E	SHEET NO.	UC-03A
DESIGNED BY:	LEW		
DRAWN BY:	GMM		
CHECKED BY:	LLP		
APPROVED BY:			
REVISED:			
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1 STANDARD CONNECTION OF FORCE MAIN TO MANHOLE
03A



2 STANDARD SANITARY SEWER TAP AND SERVICE TO EXISTING MAIN
03A

MINIMUM CONCRETE BLOCKING (C.Y.)*						
NOM. PIPE DIA. INCHES	DEAD ENDS	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND	
4	0.1	0.1	0.1	0.1	0.1	0.1
6	0.2	0.2	0.1	0.1	0.1	0.1
8	0.2	0.3	0.2	0.1	0.1	0.1
10	0.3	0.5	0.3	0.2	0.2	0.2
12	0.4	0.6	0.5	0.3	0.3	0.3
14	0.7	0.9	0.6	0.5	0.5	0.5
16	0.7	0.9	0.6	0.5	0.5	0.5
18	0.9	1.2	0.7	0.6	0.6	0.6
20	1.1	1.6	1.1	0.7	0.7	0.7
24	1.7	2.3	1.6	0.9	0.9	0.9

* CONCRETE SHALL BE 3000 PSI

NOTE: WRAP FITTINGS IN 6 MIL PLASTIC BEFORE POURING CONCRETE

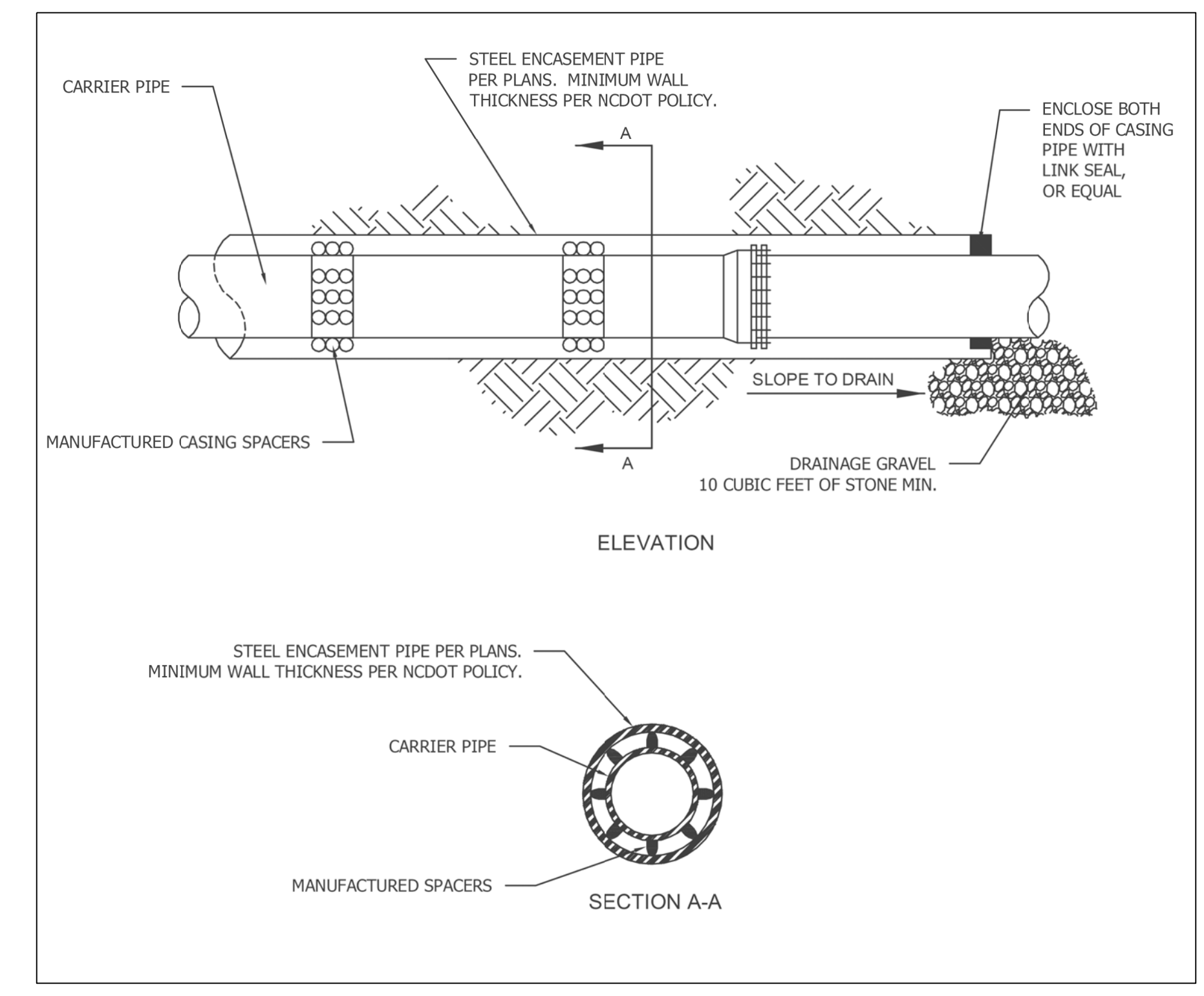
REVISIONS

DATE	DESCRIPTION

STANDARD REACTION BLOCKING

STD. NO.
6.13

3 STANDARD REACTION BLOCKING
03A



4 ENCASUREMENT DETAIL
03A