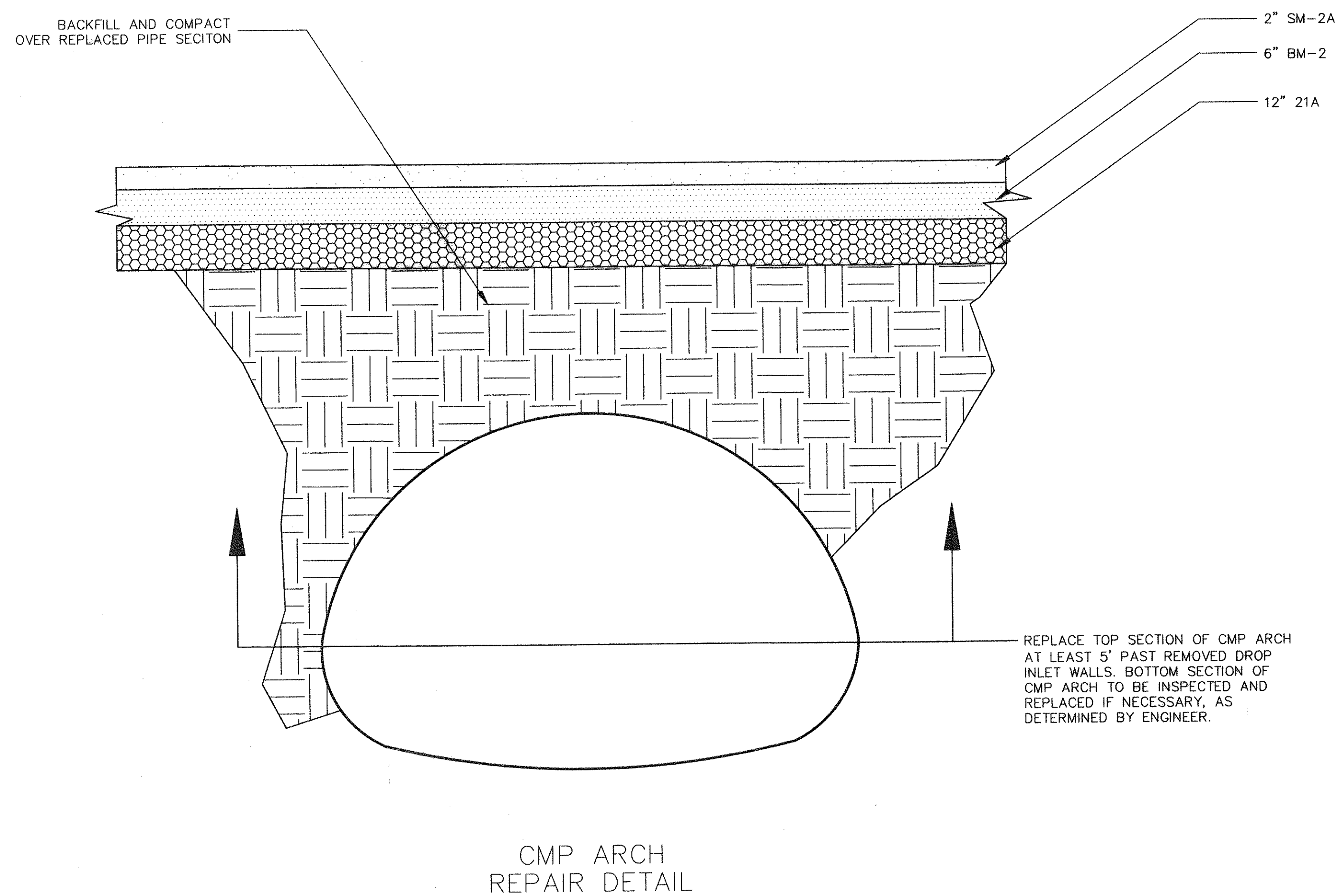
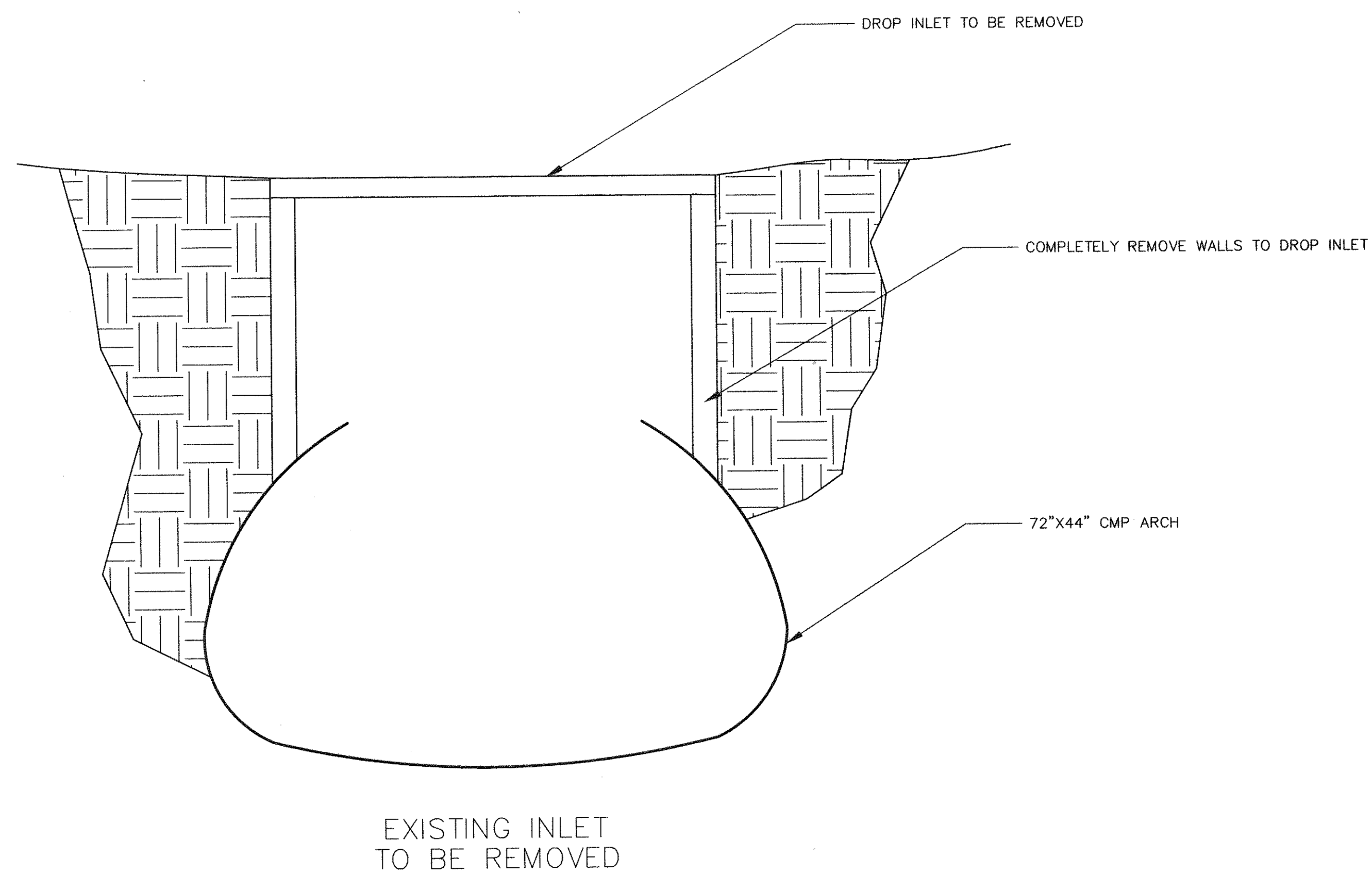
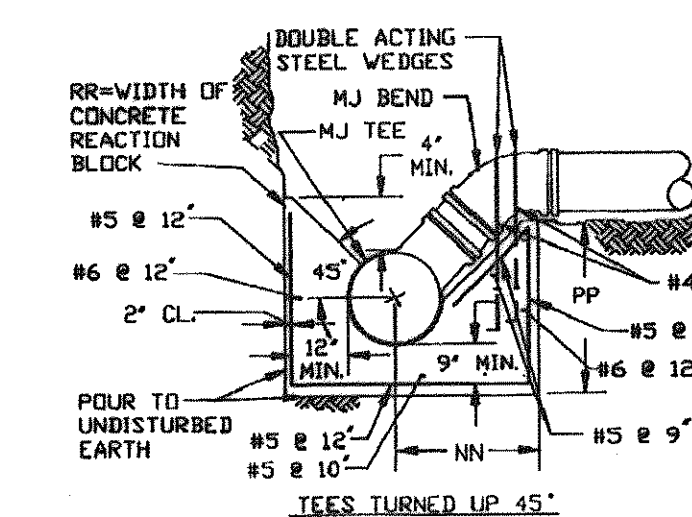


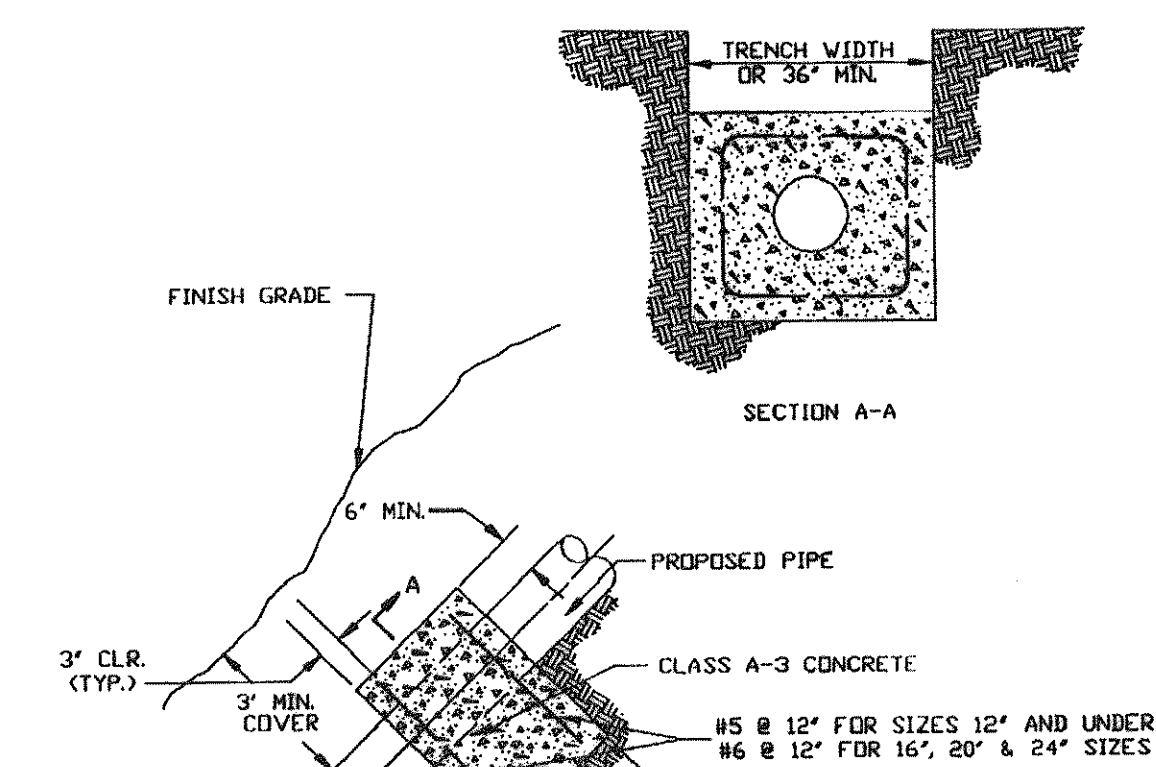


CONCRETE ANCHOR
BLOCK DETAIL

TEES TURNED UP				
BRANCH SIZE				
D	NN	NN	PP	RR
DIA	11 1/4" 22 1 1/2"	45°	11 1/4" 22 1 1/2"	11 1/4" 22 1 1/2"
4"	3.00	2.50	2.50	2.50
6"	3.00	2.50	2.50	2.50
8"	3.00	2.50	2.50	2.50
10"	3.00	2.50	2.50	2.67
12"	4.00	3.00	2.50	2.83



STRAPPING DETAILS
FOR TEES TURNED UP



REACTION BLOCK - STRAIGHT SLOPING PIPE							
SIZE	4"	6"	8"	12"	16"	20"	24"
10'	12'	15'	15'	18'	21'	24'	27'
14'	18'	21'	24'	27'	30'	33'	36'

NOTE:
THE STRAIGHT RUN PIPE SHALL BE PROVIDED WITH
ANCHOR BLOCKS SPACED THUS:

ANGLE "A"	
0° - 10°	ANCHOR BLOCKS NOT NEEDED
10° - 16°	SPACING @ 100'
16° - 20°	SPACING @ 60'

STRAIGHT PIPE CONCRETE ANCHOR BLOCK

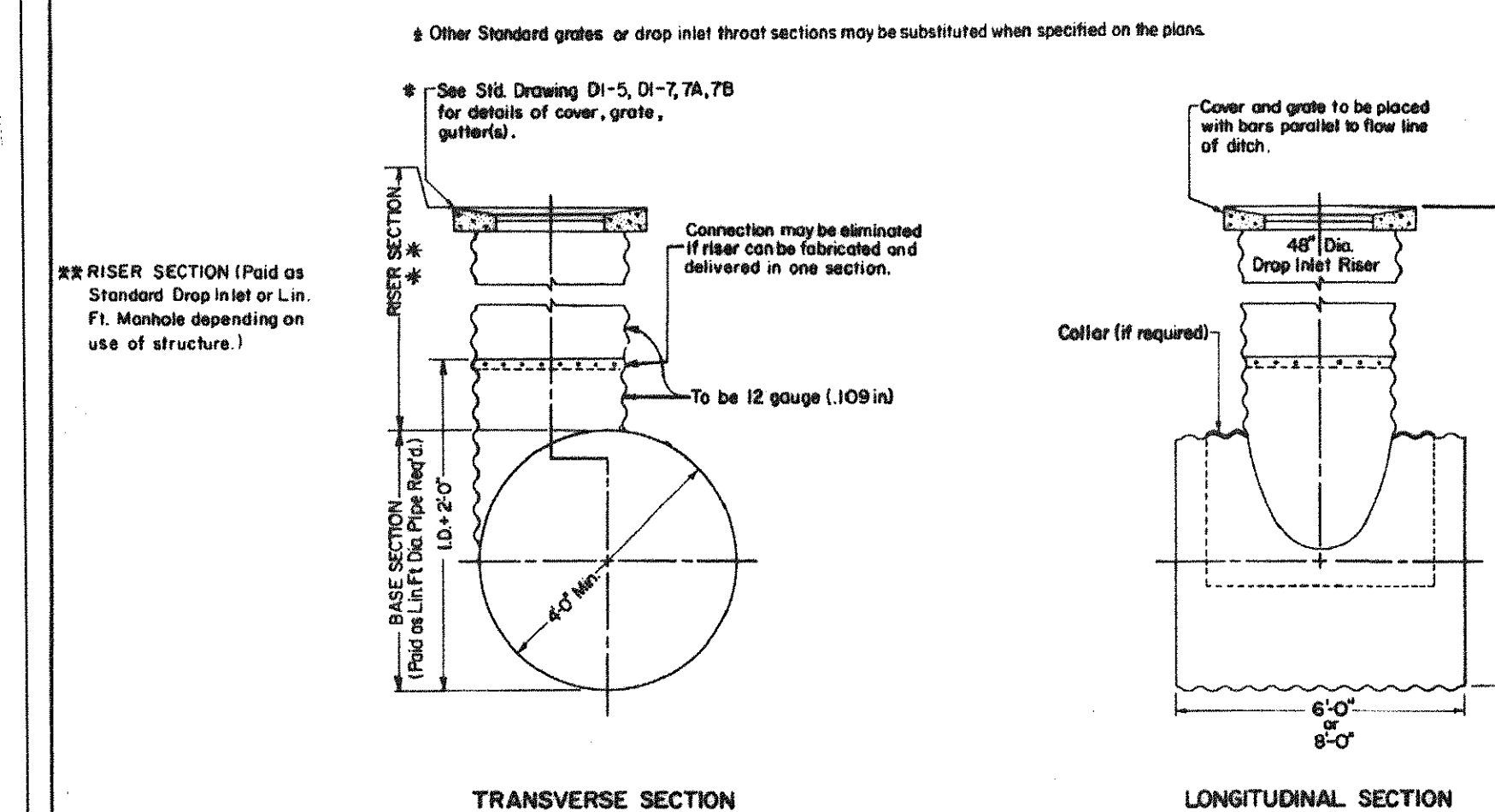
SHEET 3 OF 3

REACTION BLOCKING
WATER AND SANITARY SEWER FACILITIES
VIRGINIA DEPARTMENT OF TRANSPORTATION

	1402.03
--	---------

INSTALL CMP ARCH TEE WITH DI-7 PER VDOT
STANDARD B-4 AS SHOWN. NEW CMP ARCH
SECTION SHALL BE COUPLED TO ADJACENT
EXISTING PIPE WITH A SLEEVE GASKET AND BAND
THAT EXTENDS A MINIMUM OF 3' EITHER
DIRECTION. A SADDLE BRANCH MAY BE USED IN
PLACE OF TEE IF APPROVED BY ENGINEER UPON
INSPECTION OF EXISTING CMP ARCH.

PROPOSED US 220
DROP INLET DETAIL & NOTES



NOTES

The Tee Unit is to be shop fabricated for delivery to the construction site as a complete unit. Actual design details and methods of construction will be at the option of the fabricator and meeting the approval of the Engineer, except that gauge or sheet thickness, corrugation, and Specifications to be met will be the same as those required for the adjoining pipe culvert. If asphalt coating is specified for the culvert, the Tee Unit shall also be coated.

When required connection between drop inlet Riser and Tee Unit may be bolted or riveted.

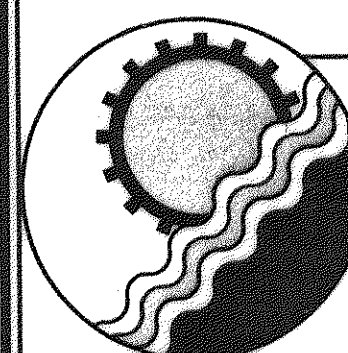
CORRUGATED METAL TEE SECTION

VIRGINIA DEPARTMENT OF TRANSPORTATION

B-4

SPECIFICATION REFERENCE
233 302

103.12



ENGINEERING CONCEPTS, INC.

20 S. ROANOKE ST., PO BOX 619
FINCASTLE, VIRGINIA 24090
540.473.1253 FAX: 540.473.1254

AS-BUILT

No.	Revision	By	Appd.	Date	Drawn	Reviewed
01	REPLACE SHEET	RHW	JST	02/13/98	Designed	RHW
					Checked	WPJ
					Approved	JST

**GREENFIELD PARKWAY
PHASE 1**

INLET REMOVAL & INSTALLATION DETAIL

No Scale
February 13, 1998
PROJECT: 97042
33 of 34