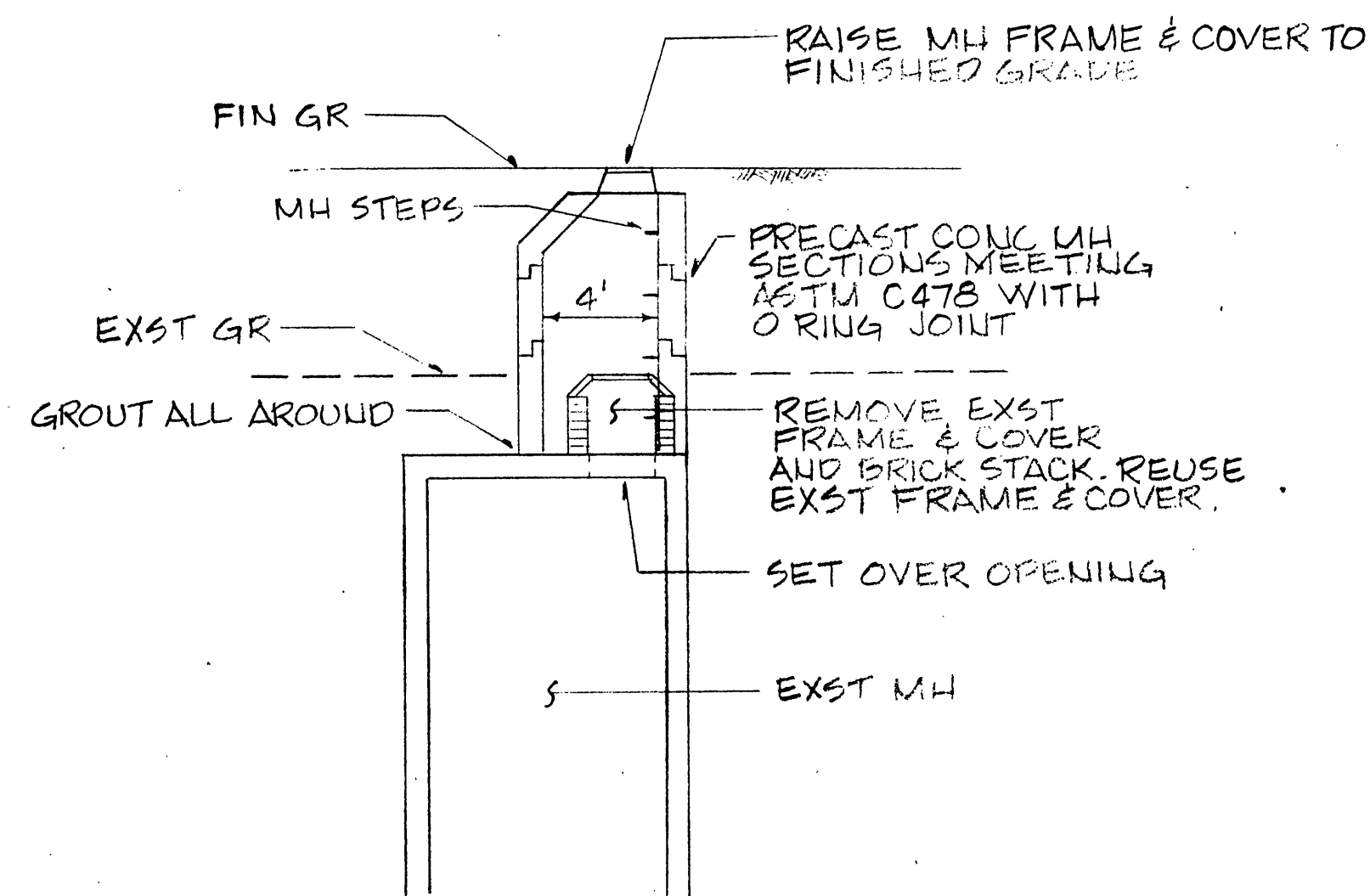
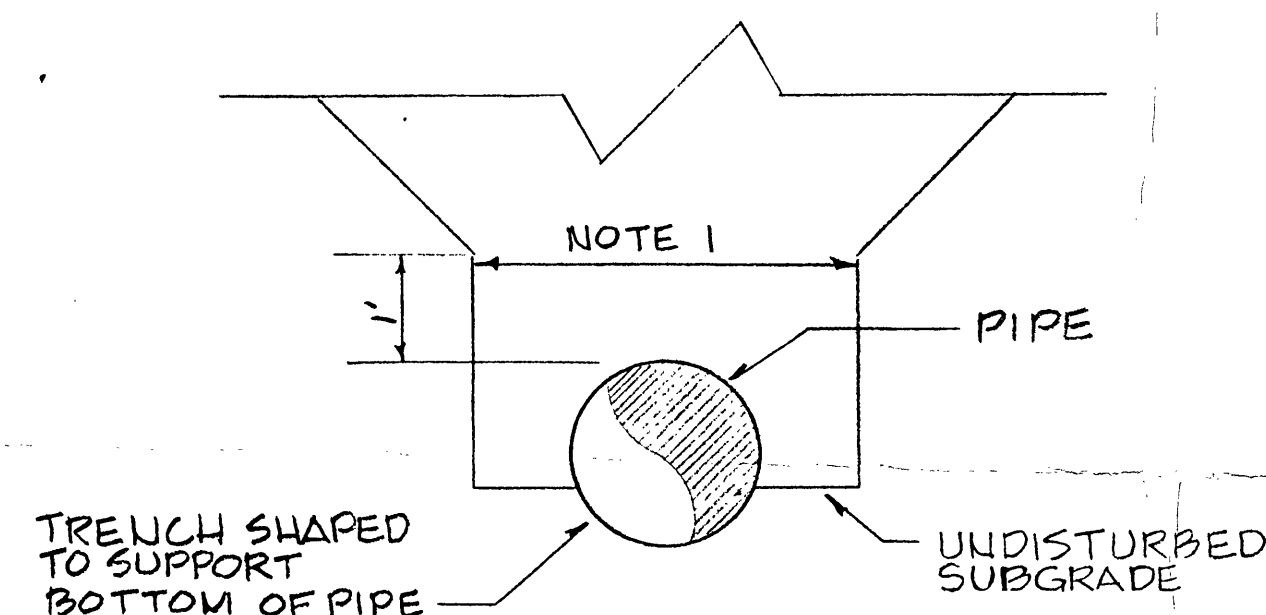
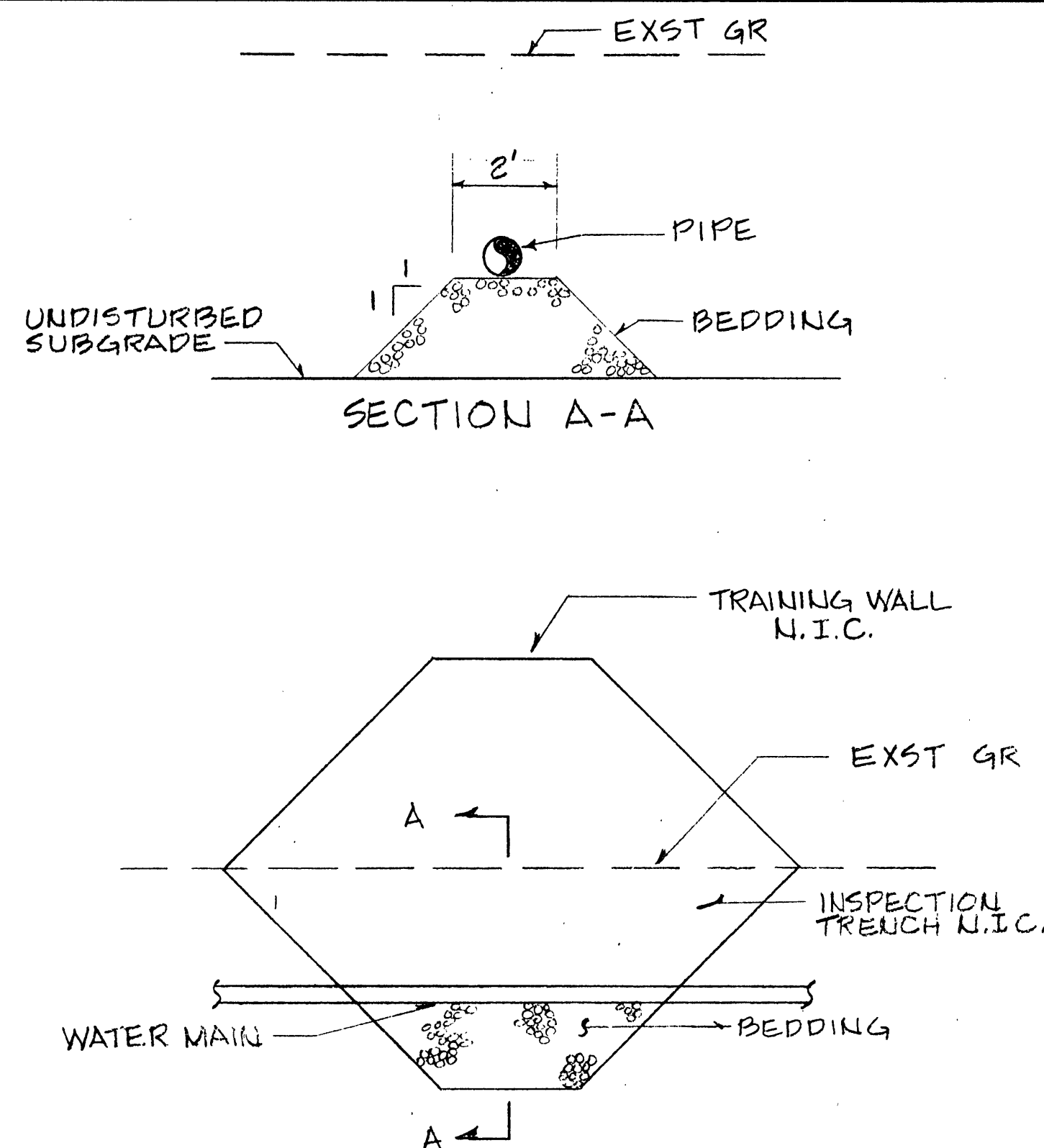




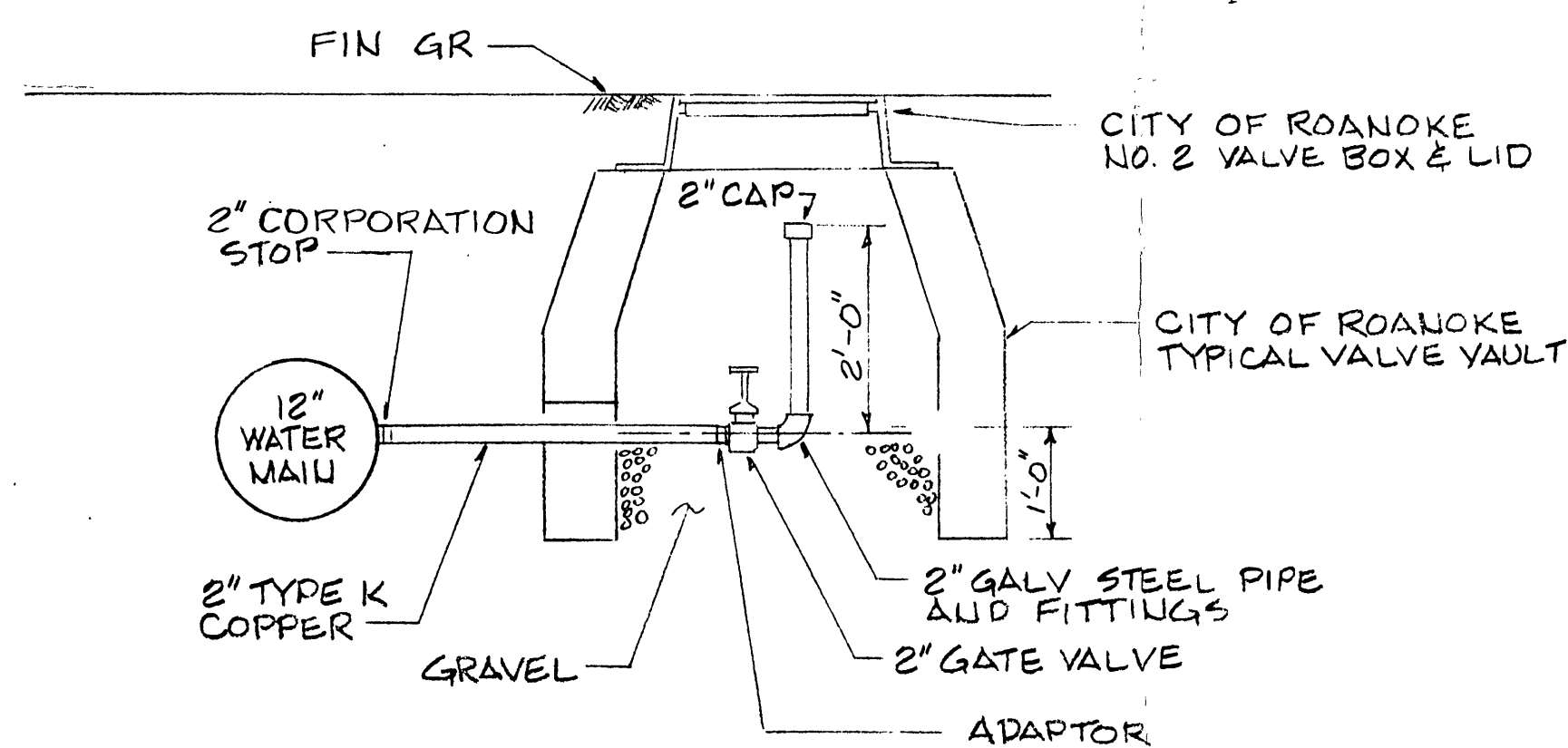
EXTENSION OF MANHOLE TOP
NO SCALE



- NOTE
1. MAXIMUM TRENCH WIDTH FROM 1 FOOT ABOVE THE TOP OF PIPE TO THE BOTTOM OF TRENCH SHALL BE 2'-0" FOR 6" AND SMALLER PIPE, AND 2'-8" FOR 10" AND 12" PIPE.

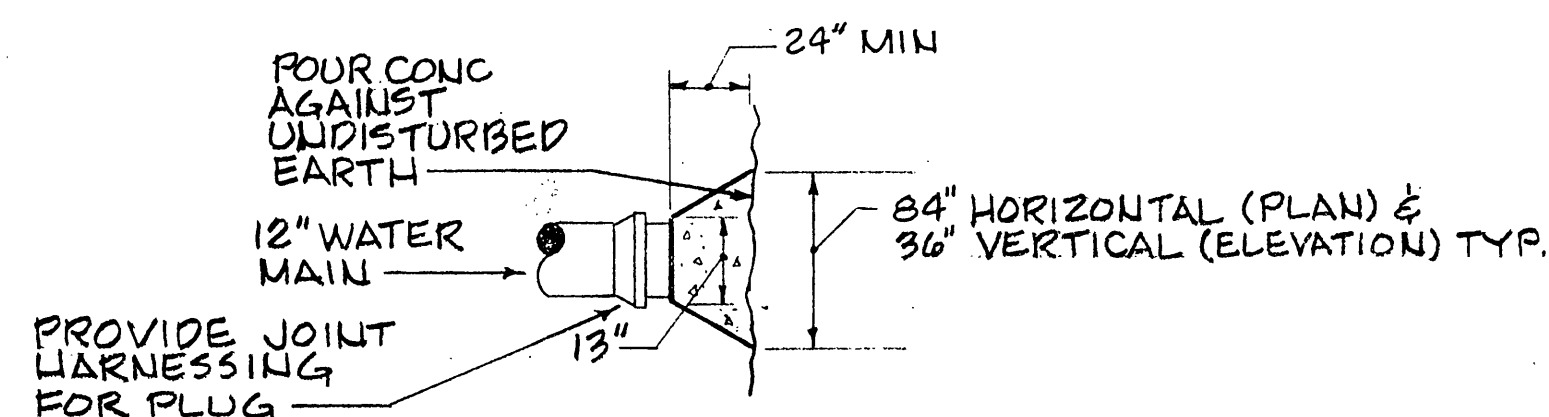


PIPE TRENCH THROUGH TRAINING WALL
INSPECTION TRENCH
NO SCALE

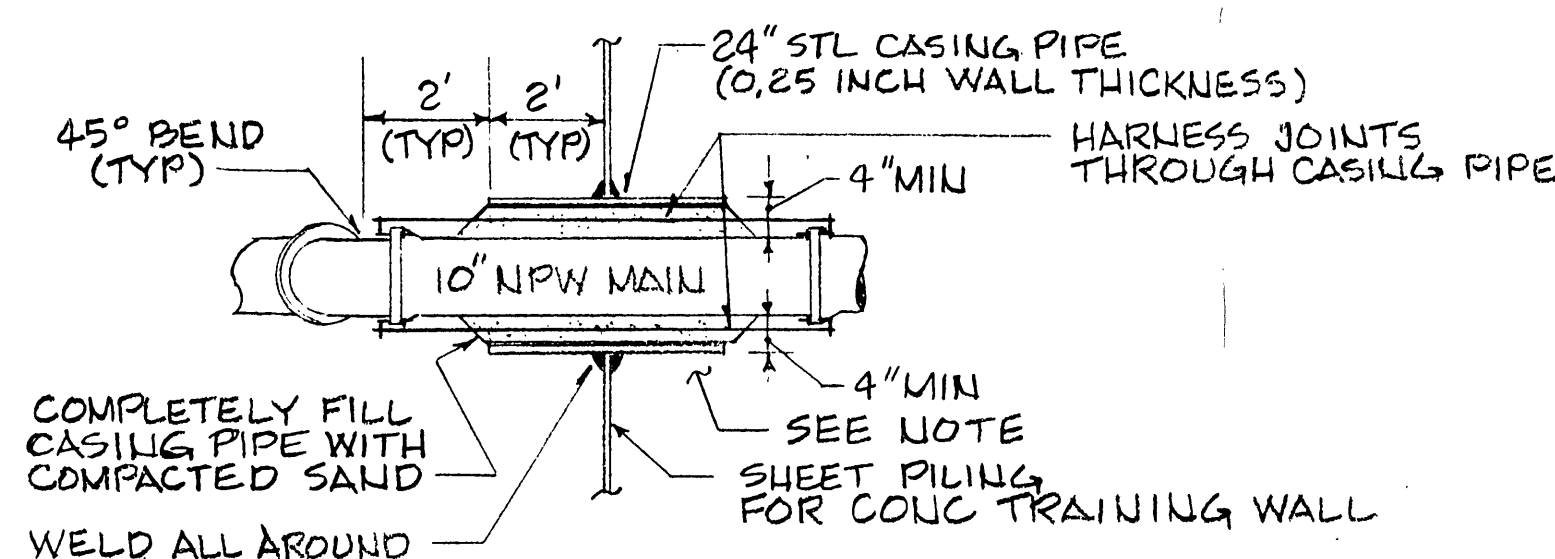


BLOW-OFF VAULT
NO SCALE

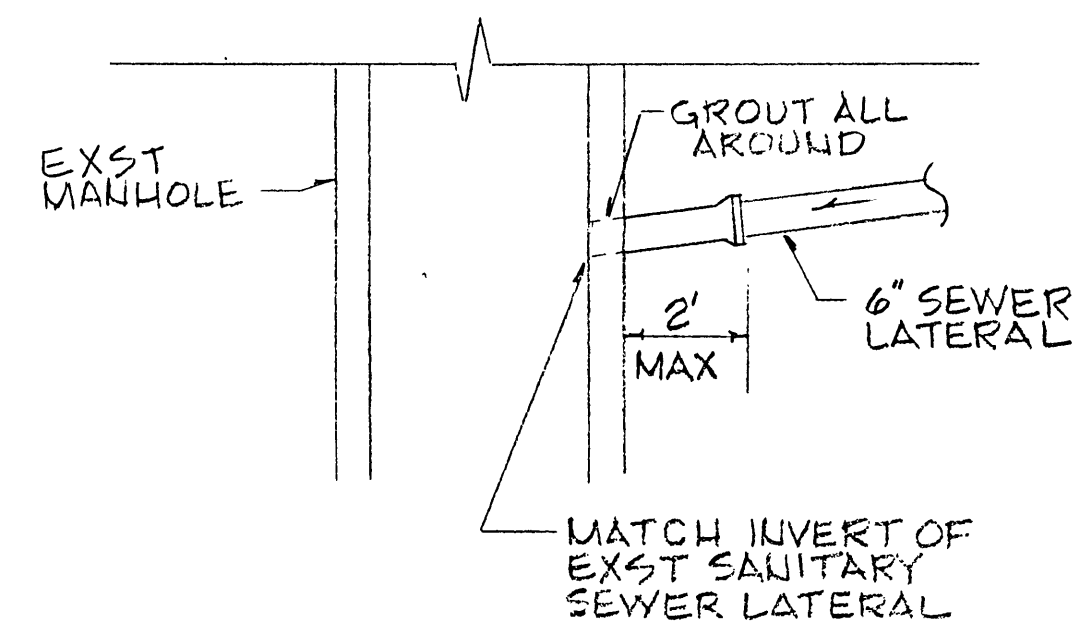
PIPE TRENCH DETAIL
NO SCALE



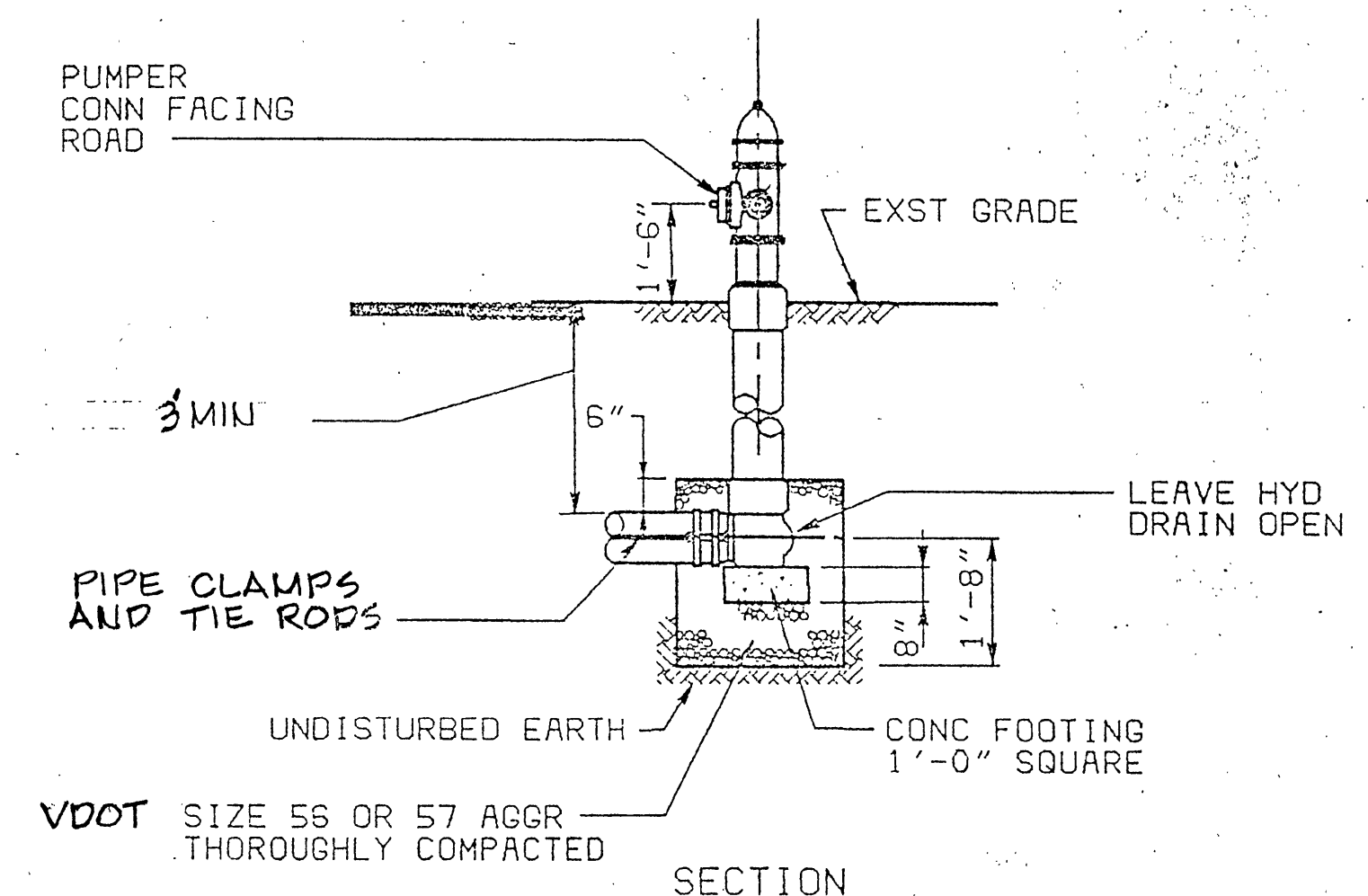
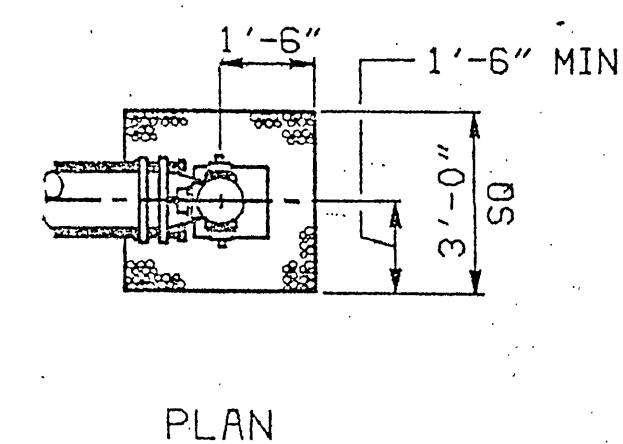
THRUST BLOCKS FOR PLUGS
NO SCALE



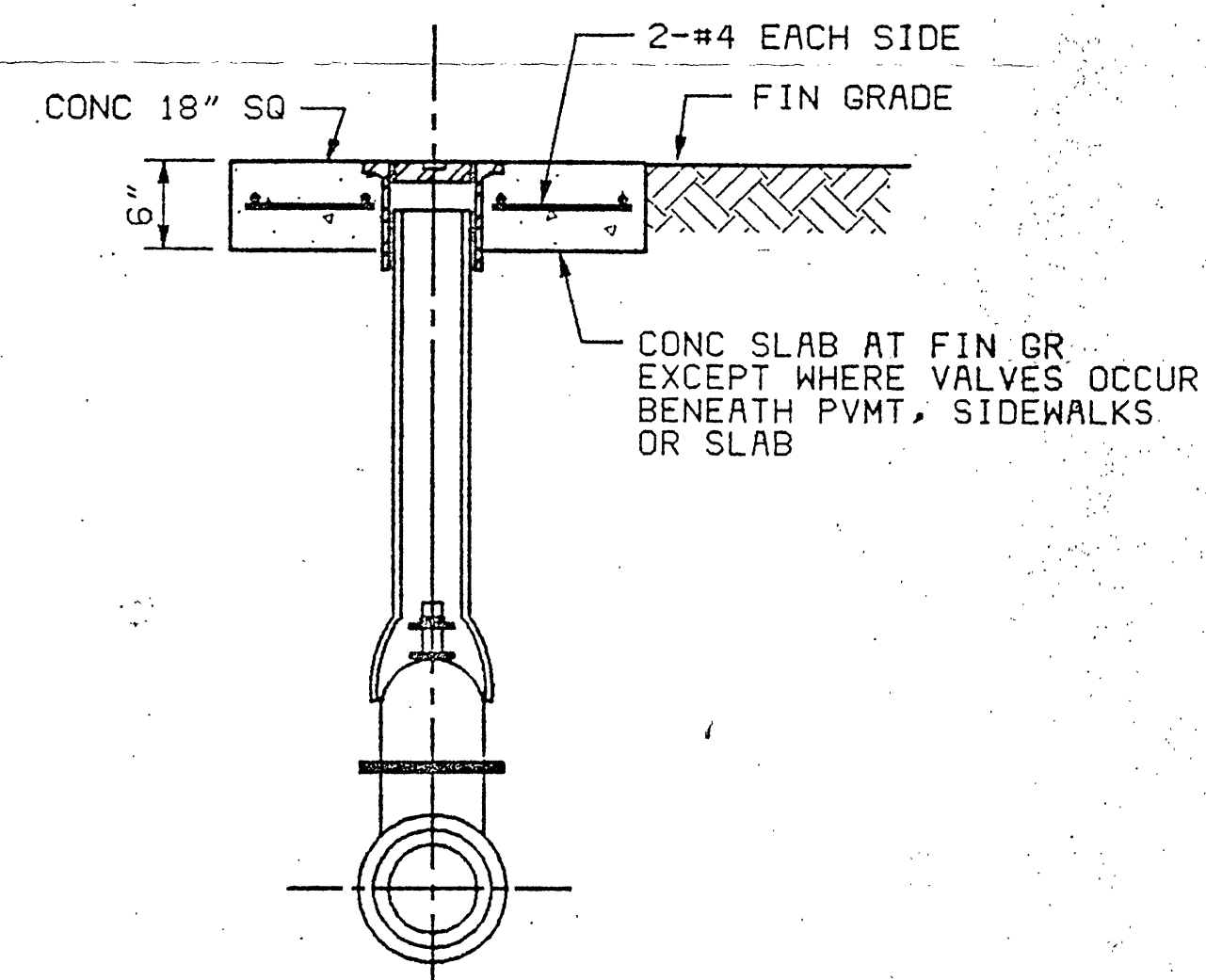
10" NPW MAIN CROSSING TRAINING WALL
NO SCALE



CONNECT SANITARY SEWER AT EXSTING MANHOLE
NO SCALE



FIRE HYDRANT INSTALLATION
NO SCALE



VALVE BOX SETTING
NO SCALE

NOTE:
ALL OVEREXCAVATION SHALL BE BACKFILLED WITH BEDDING. SIMILAR TO "PIPE TRENCH THROUGH TRAINING WALL INSPECTION TRENCH" DETAIL ABOVE.

{FOR REVIEW ONLY}

OCT 17 1991

NOT FOR CONSTRUCTION

REVISION	DATE	DESCRIPTION	BY	APP
DESIGNED	DMH	WATER AND SEWER RELOCATION SEWAGE TREATMENT PLANT CITY OF ROANOKE, VIRGINIA DETAILS		
DRAWN	MHL			
CHECKED	NBD			
APPROVED	JAP			
SUBMITTED				
HAYES, SEAY, MATTERN & MATTERN		SCALE	COMM	
ARCHITECTS - ENGINEERS - PLANNERS		AS NOTED	NO. 4673	
ROANOKE, VIRGINIA		DATE OCT. 1, 1991	SHEET 2 OF 2	