

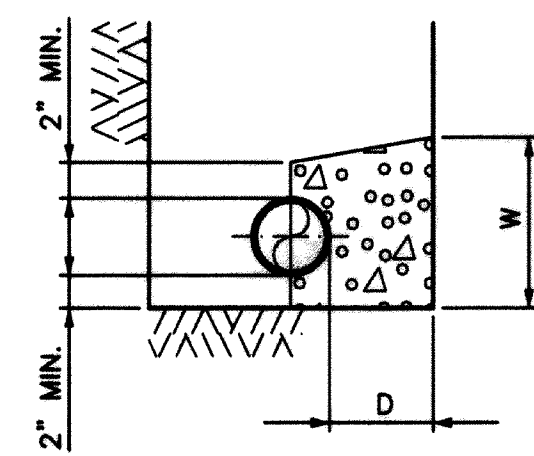
90° BEND														
SIZE	2"	3"	4"	6"	8"	10"	12"	16"	18"	20"	24"	36"		
D	6"	8"	8"	8"	10"	12"	12"	12"	16"	20"	20"			
L	16"	20"	20"	24"	27"	30"	34"	48"	51"	54"	70"			
W	8"	10"	10"	12"	16"	20"	24"	28"	34"	40"	44"			
T	10"	12"	12"	16"	18"	20"	22"	36"	40"	44"	50"			

45° & 22 1/2° BEND														
SIZE	2"	3"	4"	6"	8"	10"	12"	16"	18"	20"	24"	36"		
D	6"	6"	6"	6"	6"	6"	6"	6"	8"	8"	16"			
L	14"	18"	18"	18"	20"	22"	24"	30"	34"	40"	45"	52"		
W	8"	10"	10"	12"	14"	16"	18"	22"	25"	28"	32"			
T	10"	12"	12"	16"	16"	18"	18"	28"	33"	35"	44"			

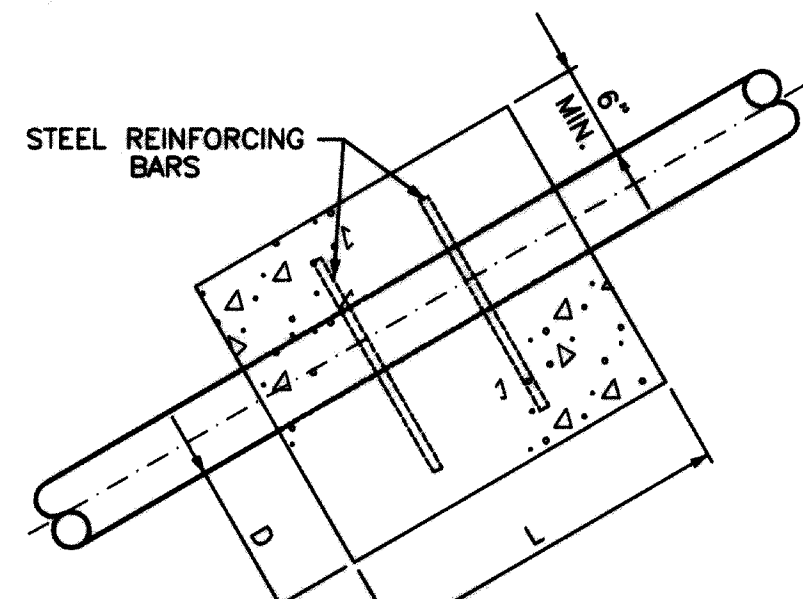
11 1/4° BEND														
SIZE	2"	3"	4"	6"	8"	10"	12"	16"	18"	20"	24"	36"		
D	6"	6"	6"	6"	6"	6"	6"	6"	8"	8"	16"			
L	10"	12"	12"	14"	16"	18"	20"	30"	36"	41"	48"			
W	8"	10"	10"	12"	14"	16"	18"	22"	25"	28"	32"			
T	8"	12"	12"	14"	14"	16"	16"	26"	31"	35"	44"			

TEE														
SIZE	2"	3"	4"	6"	8"	10"	12"	16"	18"	20"	24"	36"		
D	6"	8"	8"	8"	10"	12"	12"	12"	16"	38"	38"			
L	12"	12"	12"	18"	20"	24"	27"	28"	30"	48"	48"			
W	12"	12"	12"	16"	16"	20"	24"	28"	34"	48"	48"			
T	12"	12"	12"	16"	16"	18"	20"	22"	24"	24"				

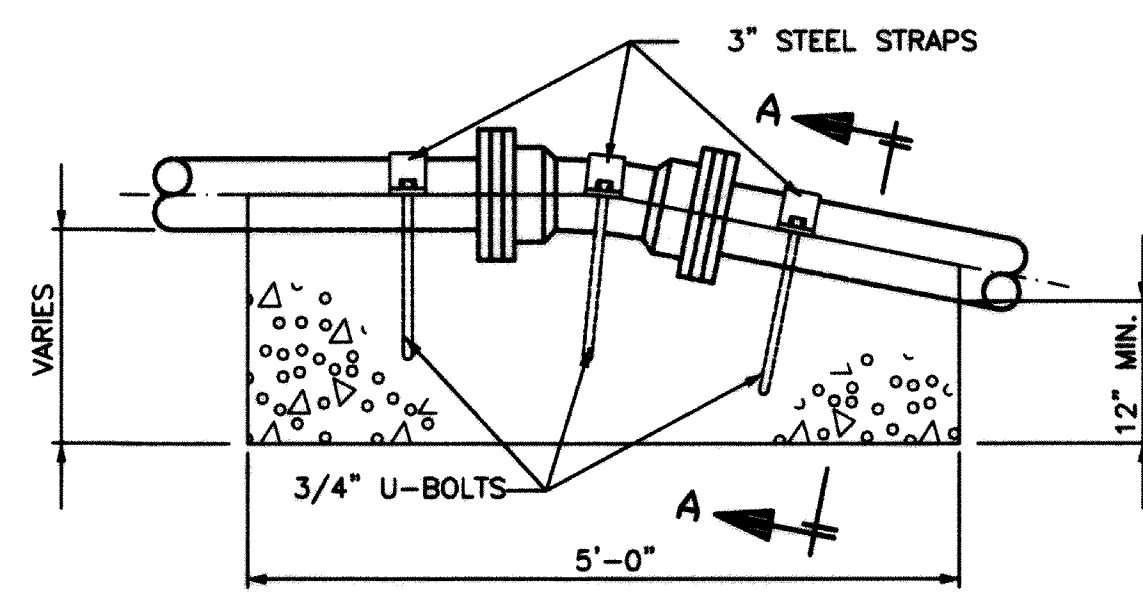
PLUG														
SIZE	2"	3"	4"	6"	8"	10"	12"	16"	18"	20"	24"	36"		
D	12"	16"	16"	18"	24"	30"	30"	30"	30"	30"				
L	12"	16"	16"	18"	24"	30"	30"	48"	48"	48"	48"			
W	14"	16"	16"	18"	18"	24"	24"	30"	30"	48"	48"			
T	10"	10"	10"	12"	12"	12"	12"	18"	24"	24"				



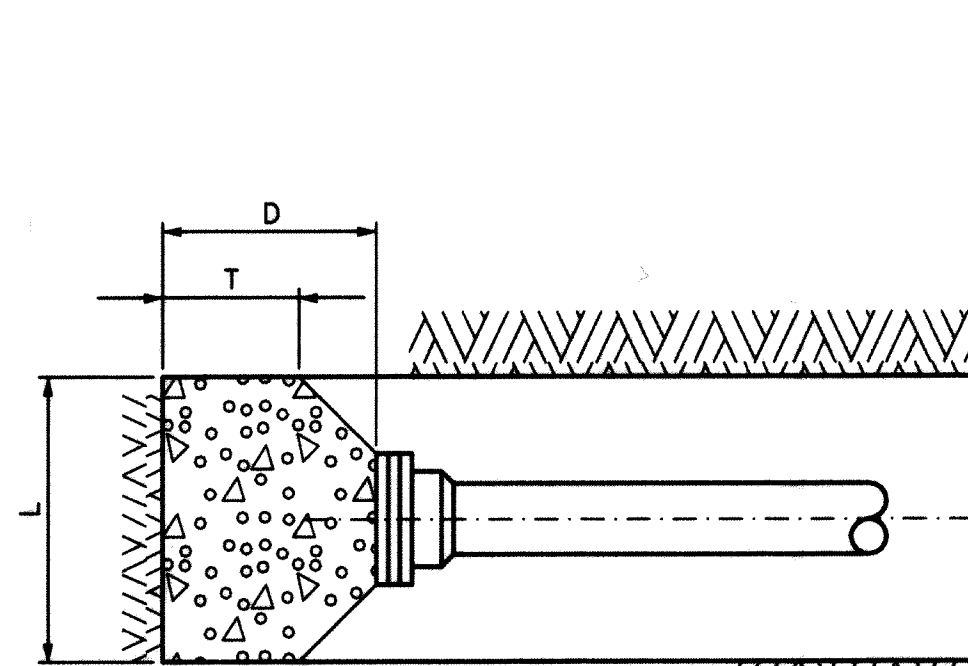
TYPICAL SECTION



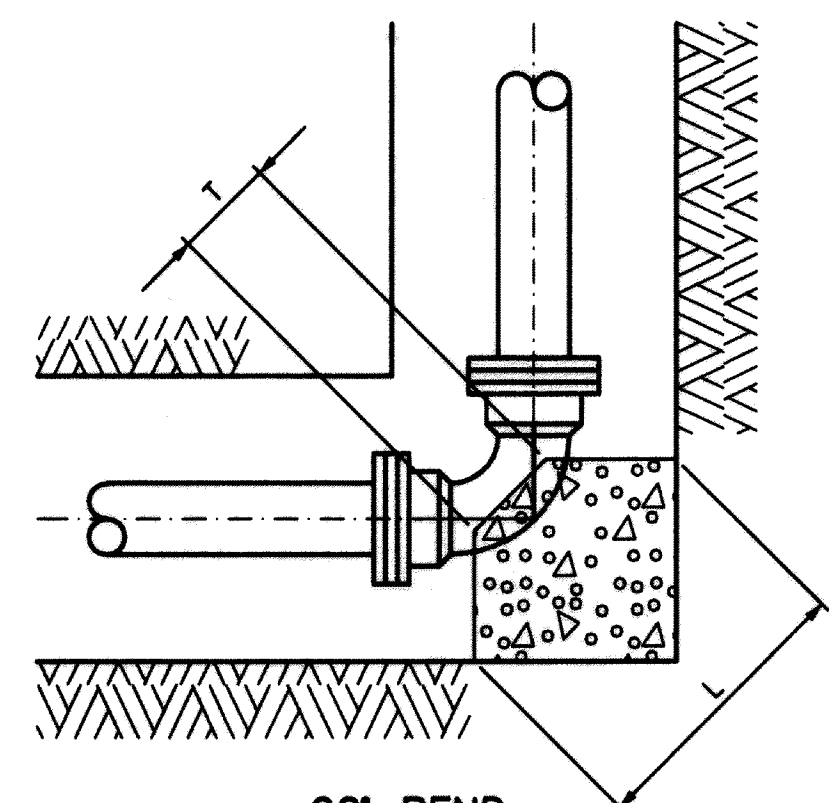
STRAIGHT PIPE ANCHOR



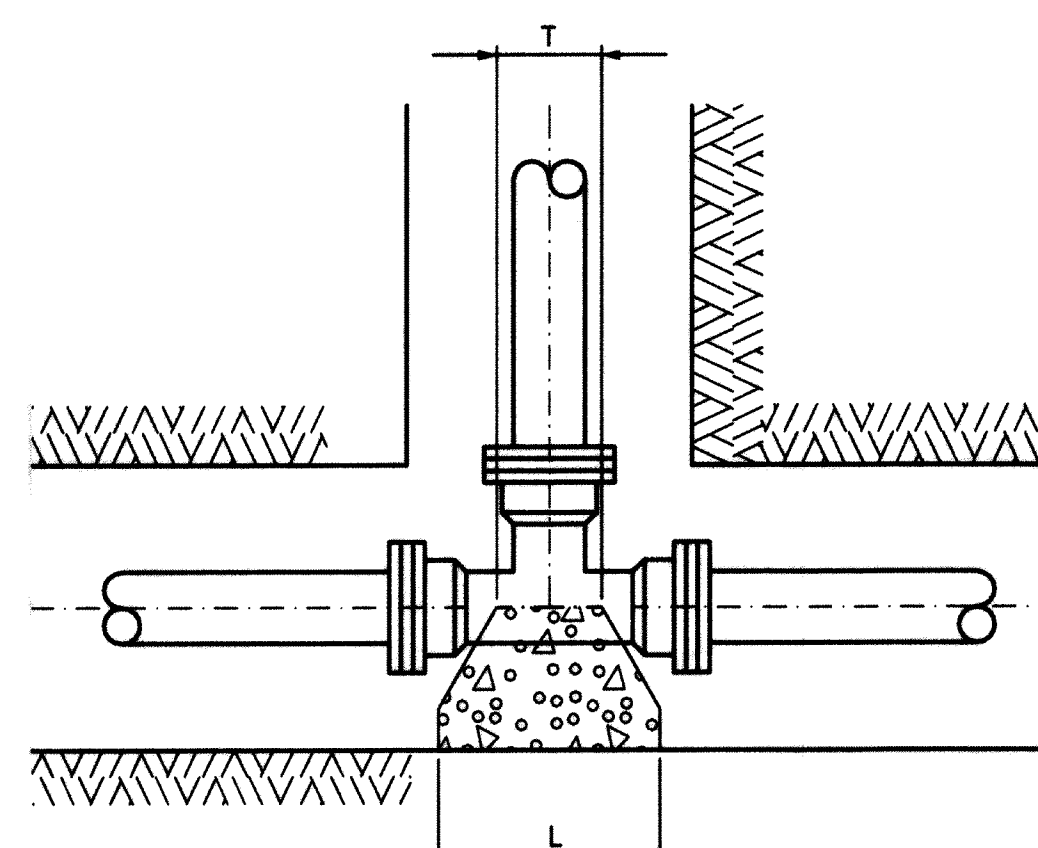
VERTICAL BEND ANCHOR



PLUG



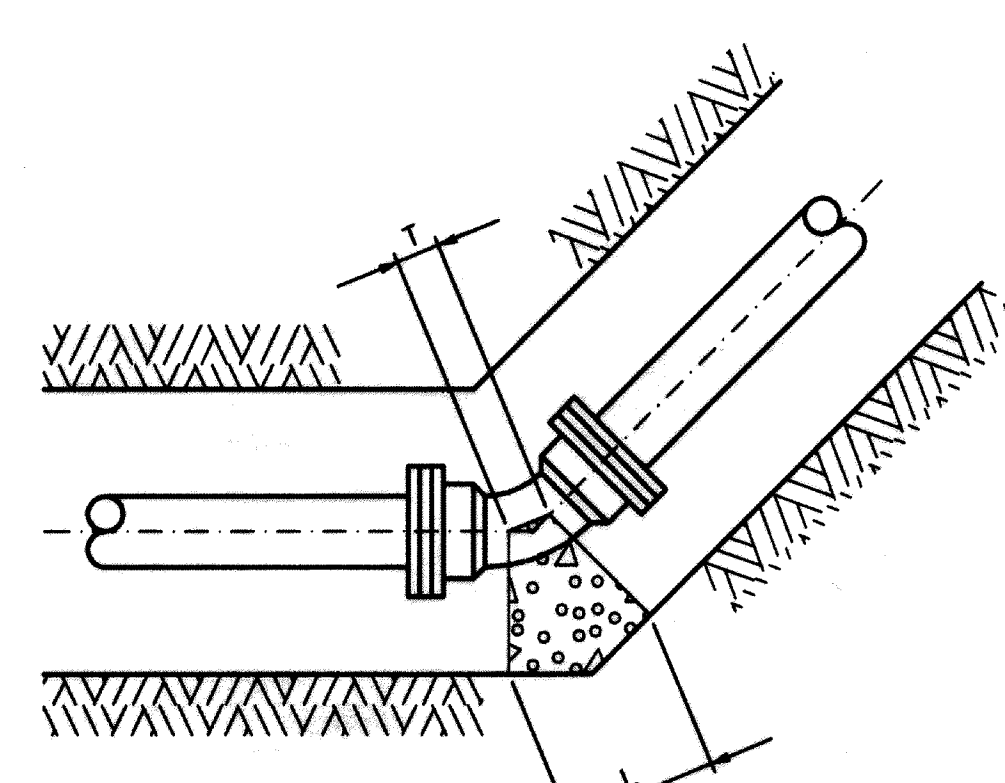
90° BEND



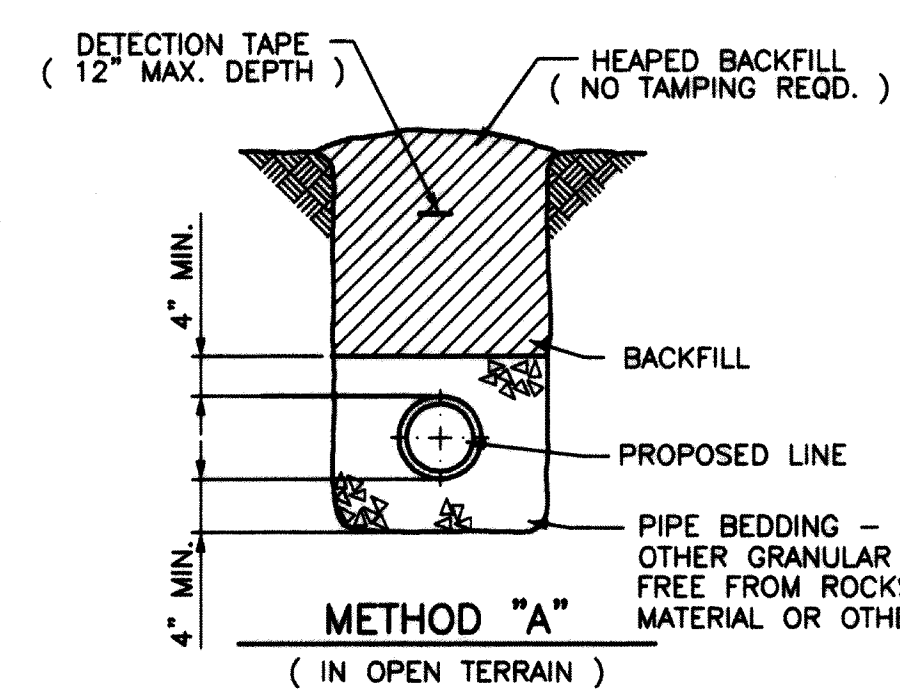
TEE

CONCRETE BLOCKING FOR FITTINGS

NO SCALE

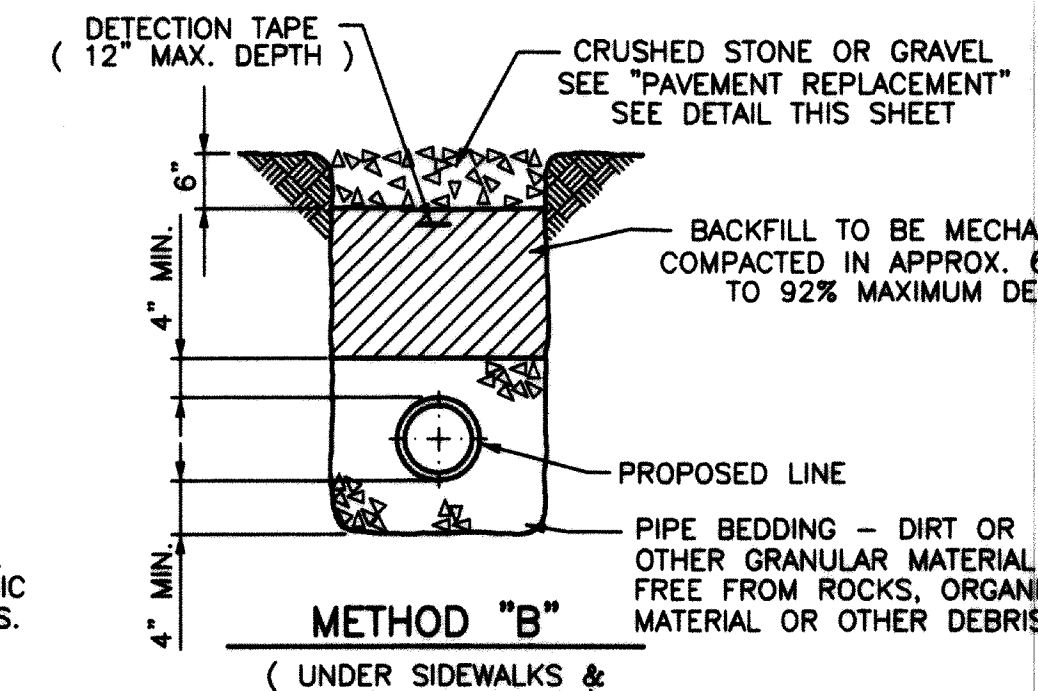


45° & 22° BEND



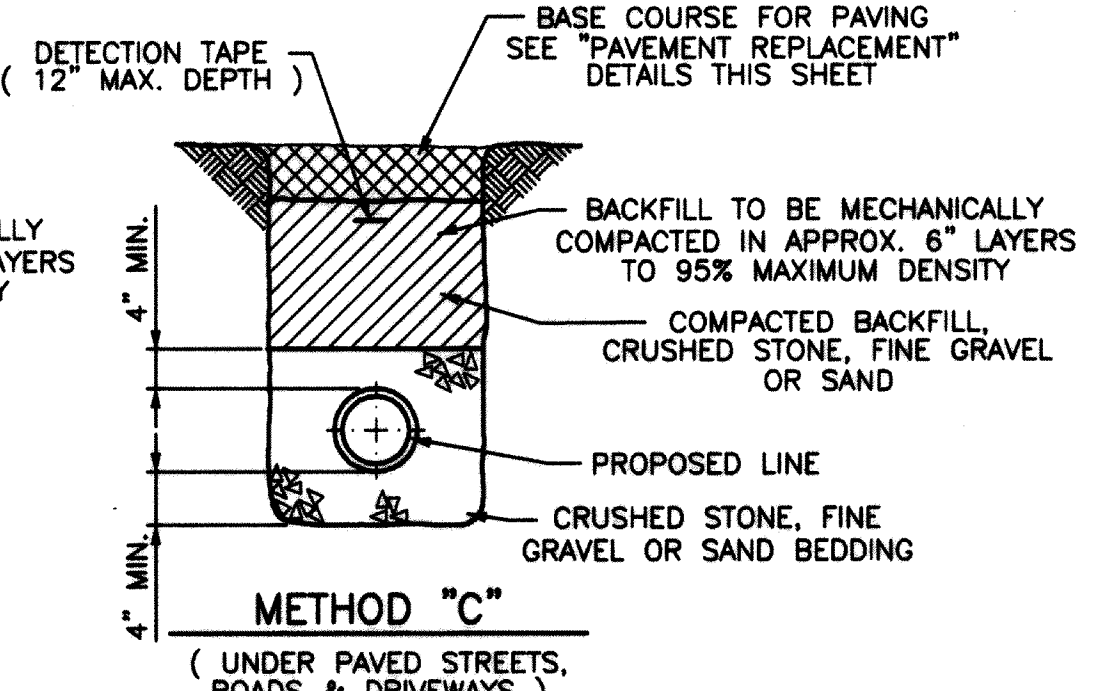
METHOD "A"

(IN OPEN TERRAIN)



METHOD "B"

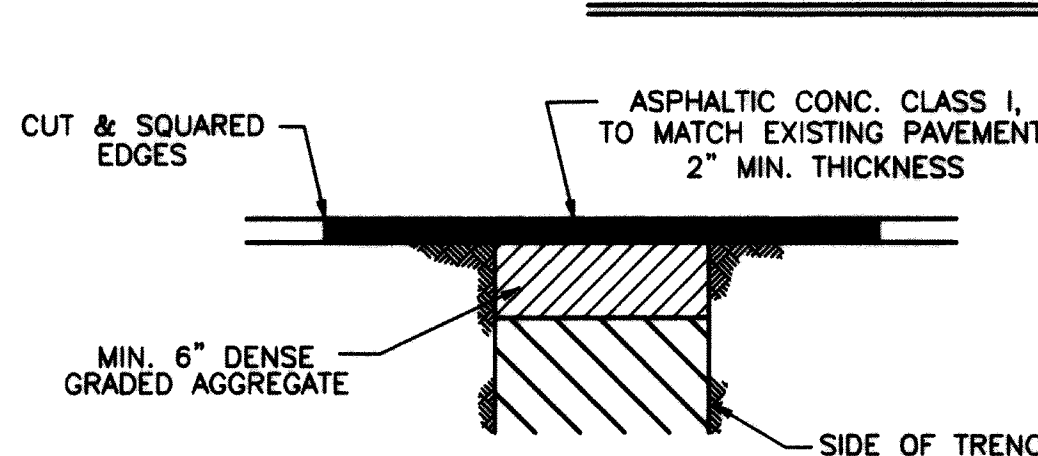
(UNDER SIDEWALKS & UNPAVED DRIVEWAYS)



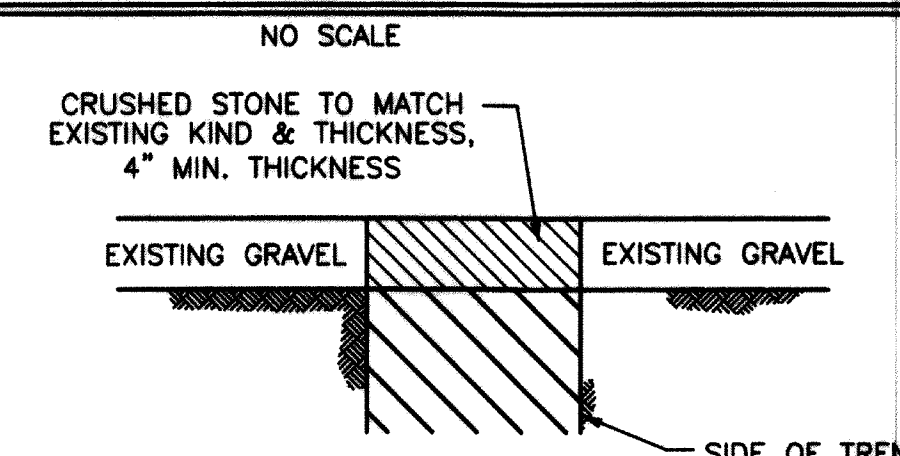
METHOD "C"

(UNDER PAVED STREETS, ROADS & DRIVEWAYS)

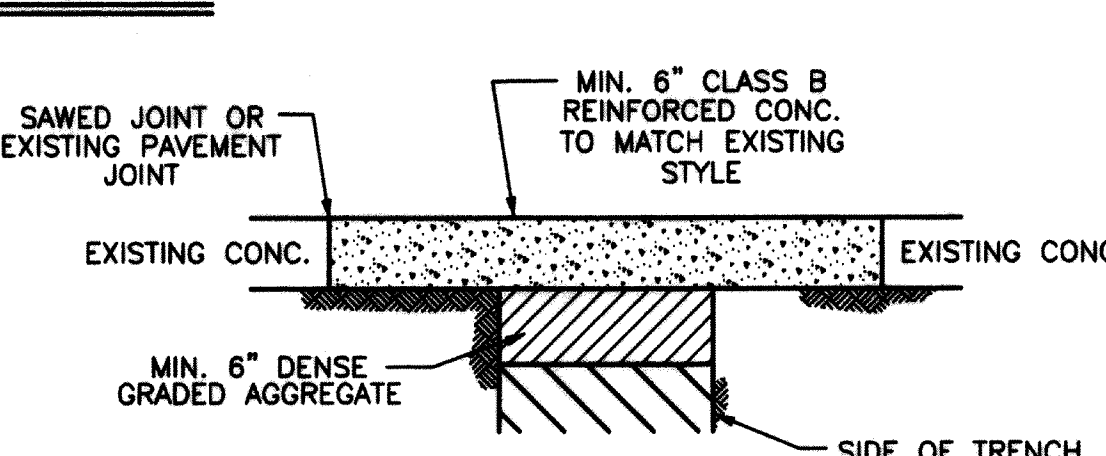
PIPE BEDDING & BACKFILLING DETAILS FOR PLASTIC PIPE



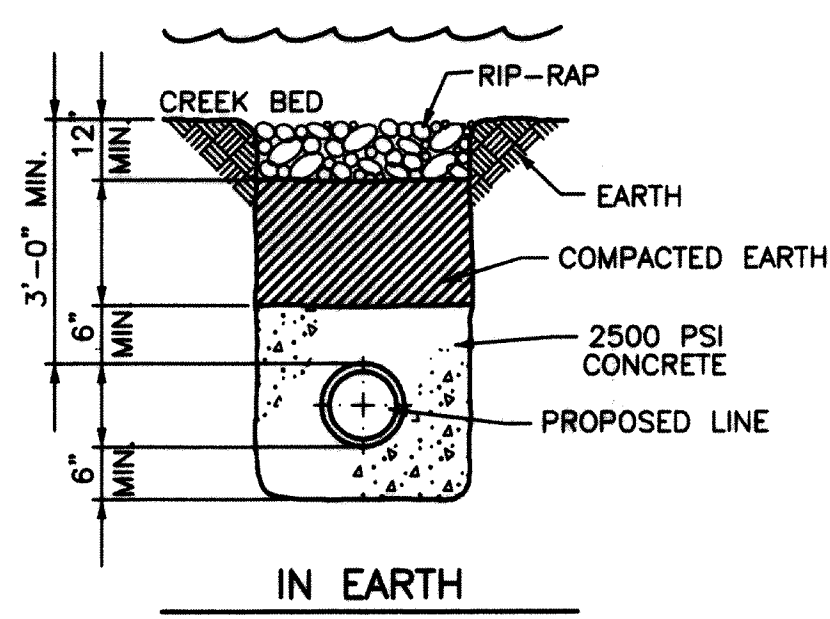
ASPHALT



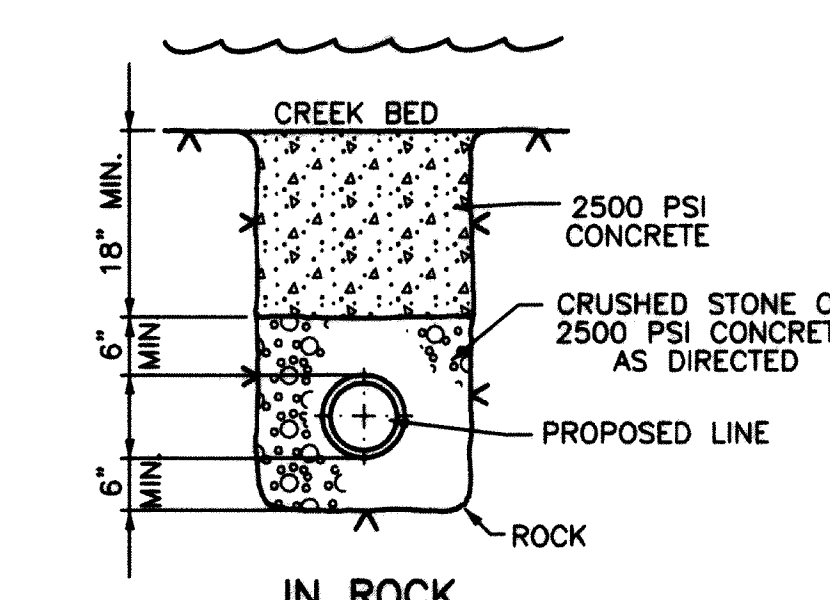
GRAVEL



CONCRETE



IN EARTH



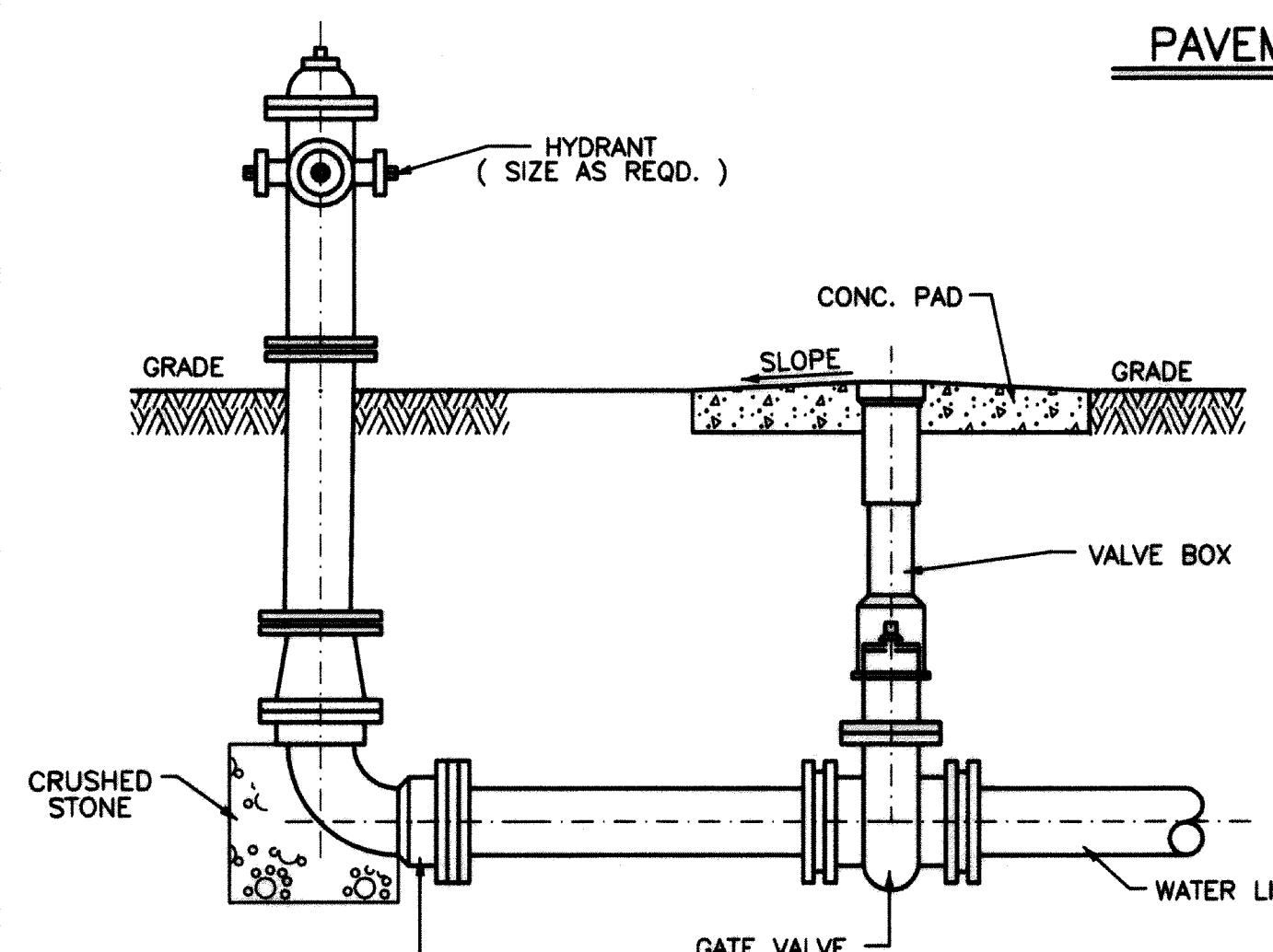
IN ROCK

CREEK CROSSING DETAILS

NO SCALE

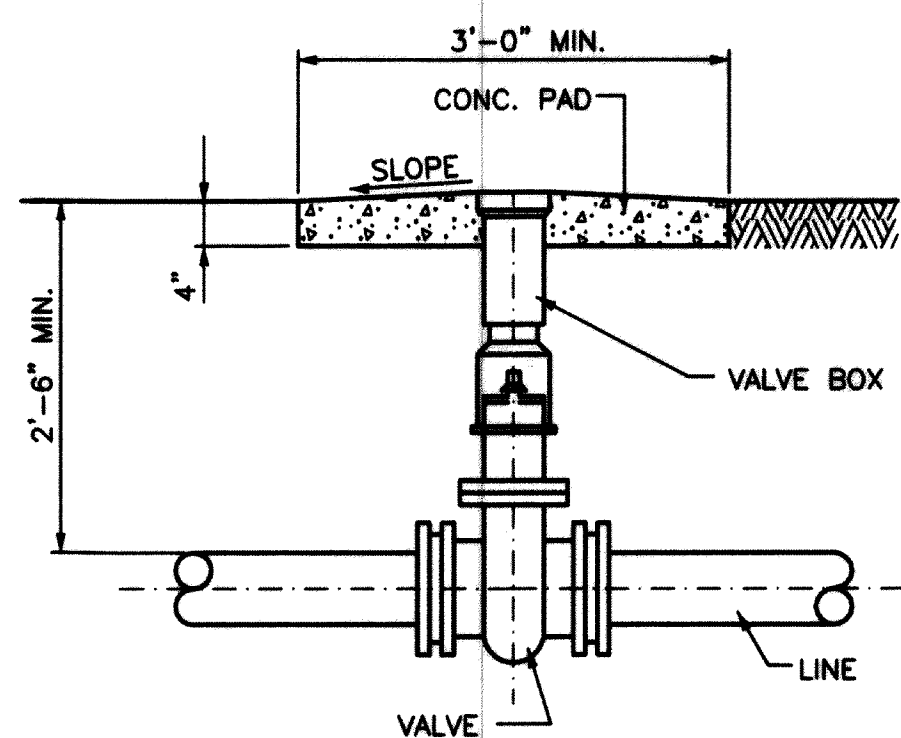
PAVEMENT REPLACEMENT DETAILS

NO SCALE



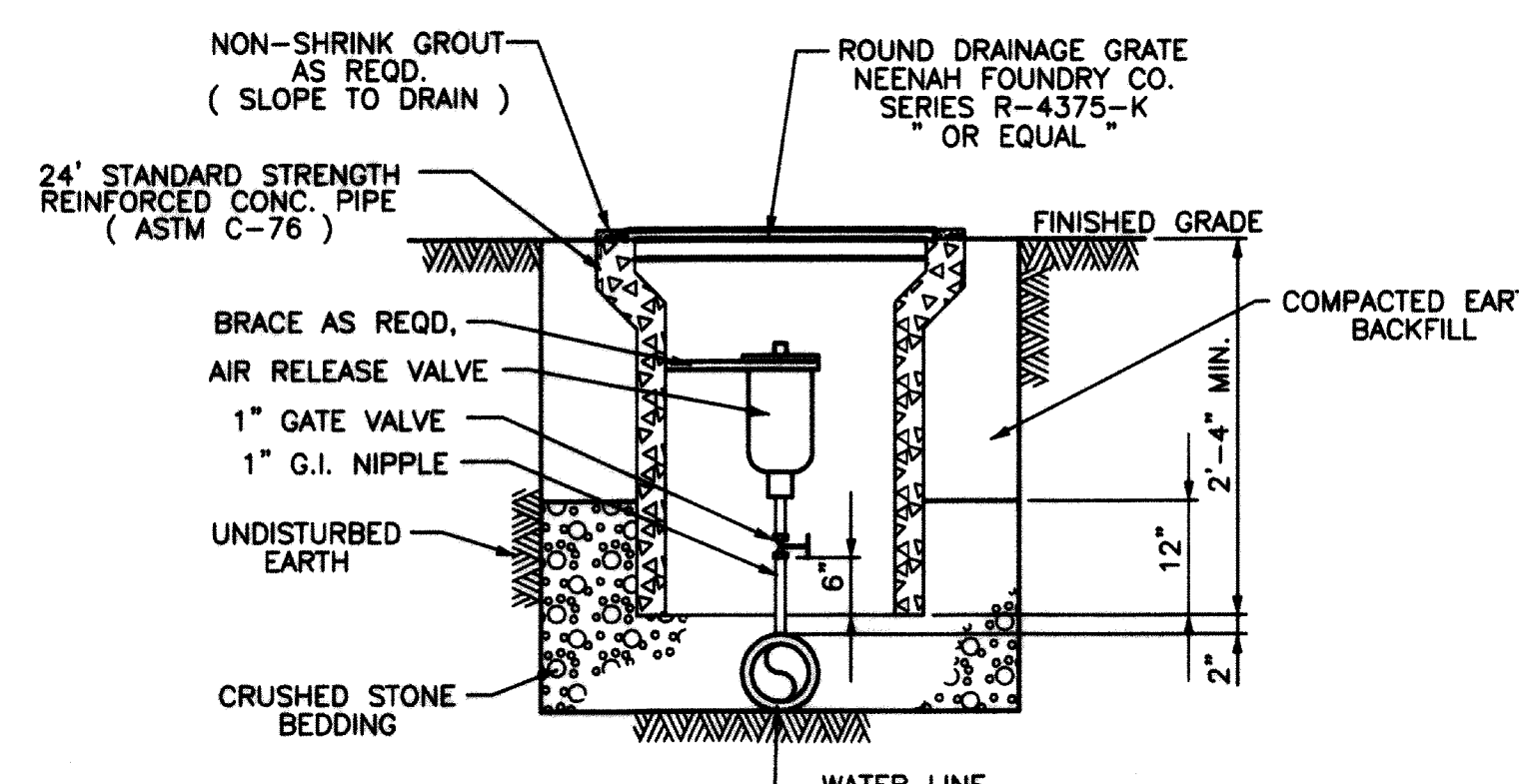
TYPICAL HYDRANT SETTING DETAIL

NO SCALE



TYPICAL VALVE SETTING DETAIL

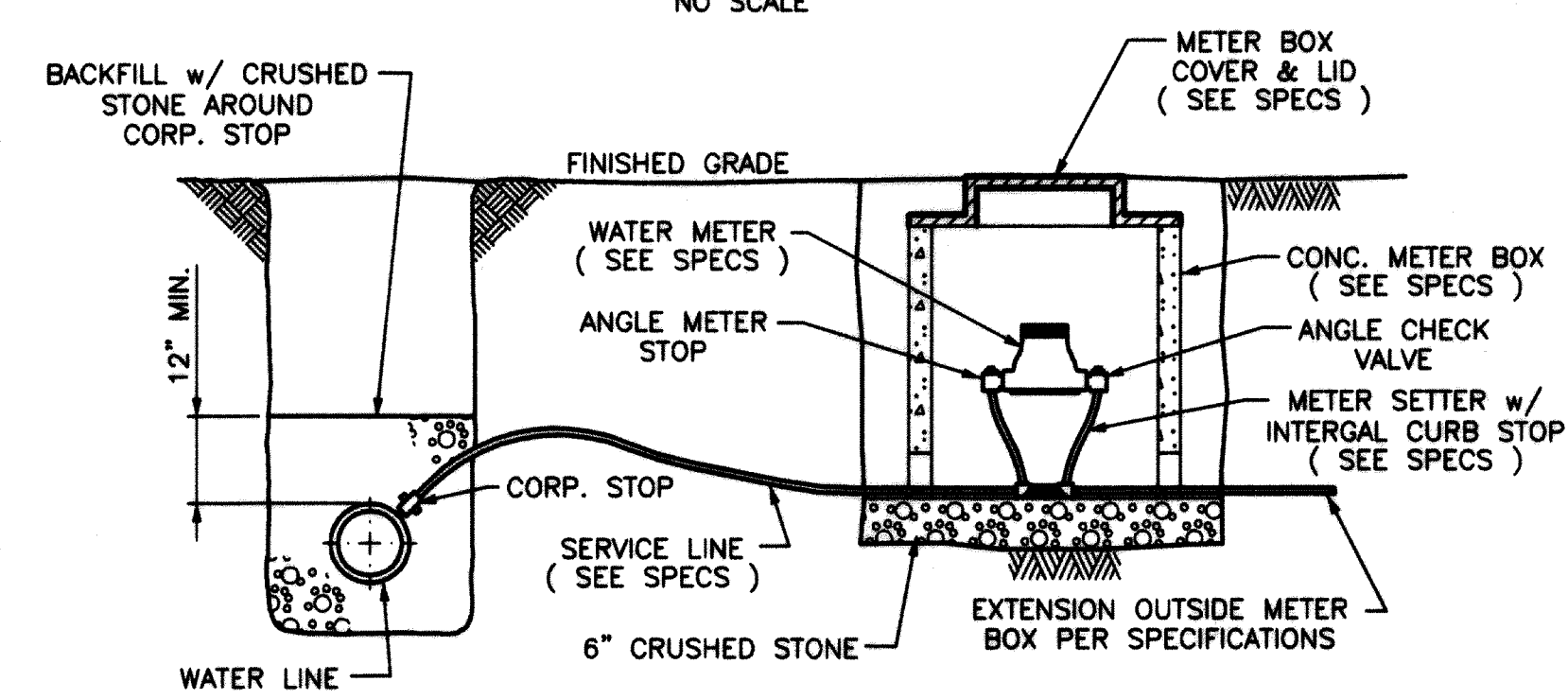
NO SCALE



NOTE: WHEN THE WATER LINE IS LOCATED IN A STREET OR ROAD, THE AIR RELEASE AND BOX SHALL BE LOCATED OFF THE ROAD WHERE IT SHALL NOT BE SUBJECT TO VEHICULAR TRAFFIC AND CONNECT TO THE MAIN LINE BY 1" PIPING.

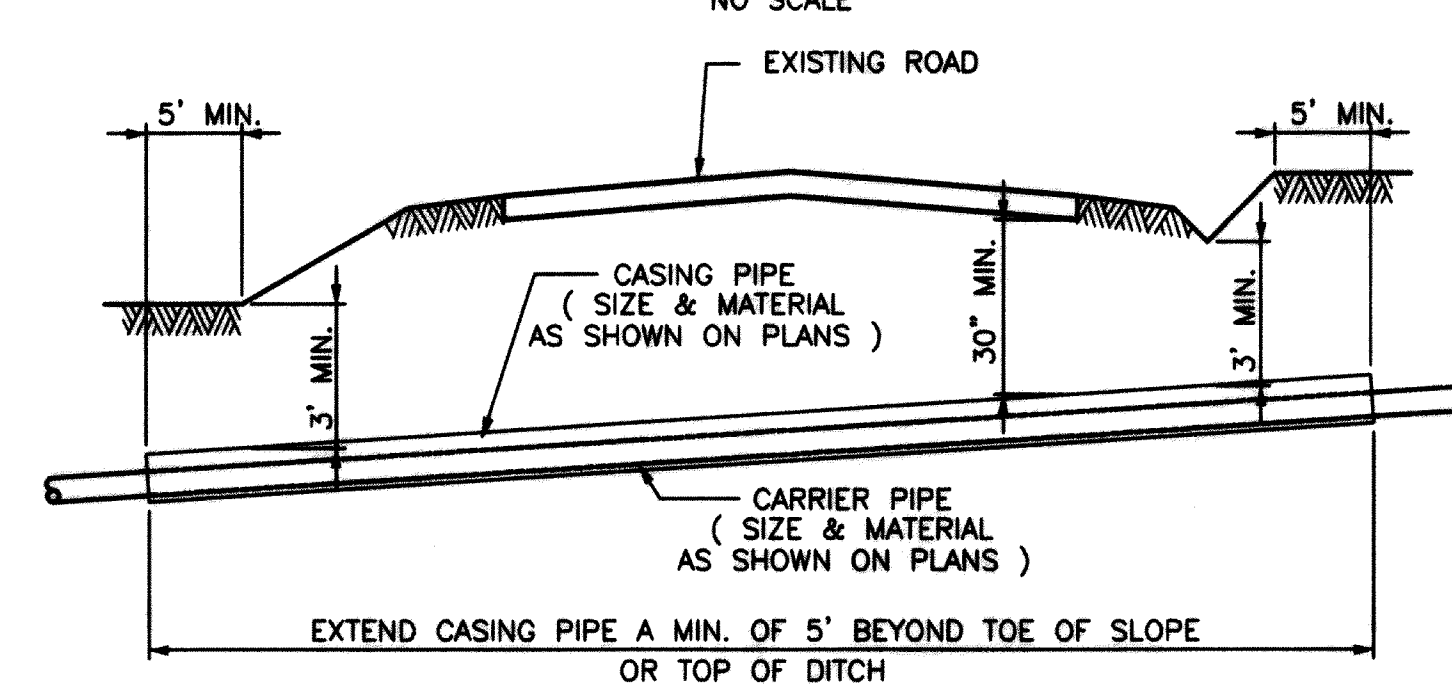
AIR RELEASE VALVE DETAIL

NO SCALE



TYPICAL METER SETTING DETAIL

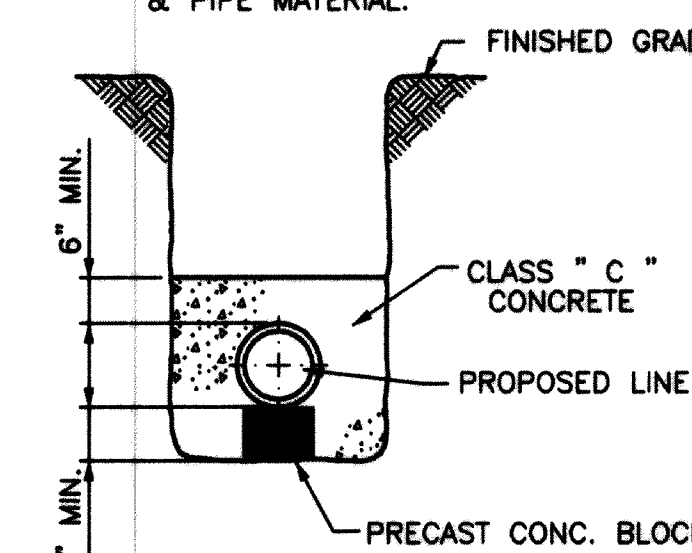
NO SCALE



TYPICAL ROAD BORE DETAIL

NO SCALE

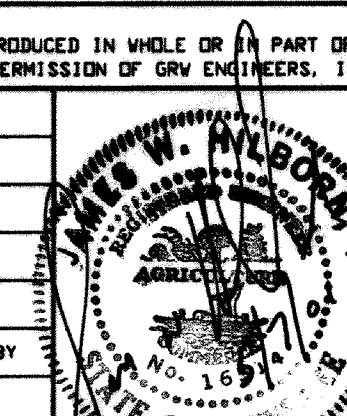
NOTE: PRECAST CONC. BLOCKS SHALL BE PLACED AT EACH BELL AND ALONG LENGTH OF PIPE AS REQ. TO PREVENT SAGING OF PIPE DURING PLACEMENT OF CONCRETE. NUMBER OF BLOCKS REQ. DEPEND ON SIZE & PIPE MATERIAL.



CONCRETE ENCASEMENT DETAIL

NO SCALE

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NO.	DESCRIPTION	DATE	BY
	REVISIONS		



GRW PROJECT NO. 7XXX			
PERRY COUNTY LOBELVILLE, TENNESSEE WATER LINE EXTENSION, DRIFTWOOD SUBDIVISION DETAILS			
DESIGNED JWH	DATE MAY, 2001		
DRAWN DLT	SCALE AS SHOWN		
REVIEWED EEM	SHEET NO.		
APPROVED JWH			
GRW Engineers, Inc. Engineers, Architects, Planners LEXINGTON LOUISVILLE NASHVILLE INDIANAPOLIS		C-4	