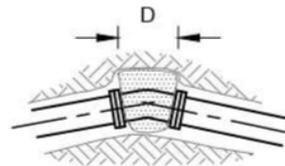
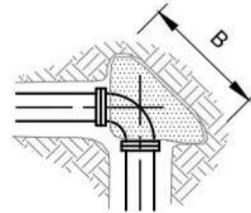


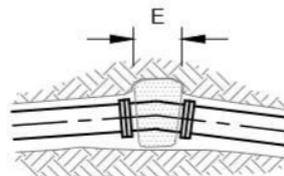
PLAN 45° BEND



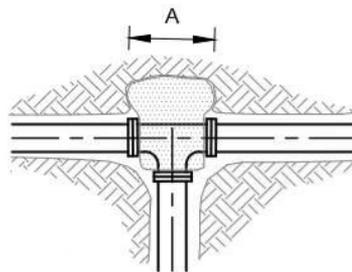
PLAN 22 1/2° BEND



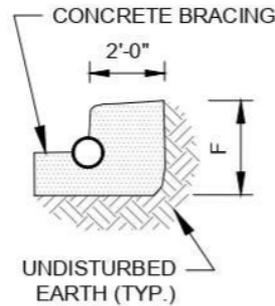
PLAN 90° BEND



PLAN 11 1/4° BEND



PLAN TEE



SECTION

NOTE: PROVIDE PLASTIC COVERING TO PROTECT PIPE JOINTS FROM CONCRETE.

DESIGN PRESSURE	PIPE DIAMETER	REACTION BACKING DIMENSIONS					
		A	B	C	D	E	F
150 PSI	16	5'-6"	7'-9"	4'-2"	2'-2"	---	3'-4"
	12	4'-2"	5'-11"	3'-3"	1'-8"	---	2'-6"
	8	3'-0"	4'-3"	2'-4"	1'-2"	---	1'-8"
	6	2'-2"	3'-4"	1'-10"	0'-11"	---	1'-3"
200 PSI	16	7'-3"	10'-3"	5'-7"	2'-10"	1'-6"	3'-4"
	12	5'-7"	7'-11"	4'-3"	2'-2"	1'-2"	2'-6"
	8	4'-0"	5'-7"	3'-1"	1'-7"	0'-10"	1'-8"
	6	3'-1"	4'-5"	2'-5"	1'-3"	0'-8"	1'-3"
250 PSI	16	9'-3"	13'-2"	7'-1"	3'-6"	2'-3"	3'-4"
	12	6'-4"	8'-11"	5'-4"	3'-5"	1'-9"	2'-6"
	8	5'-0"	6'-11"	3'-10"	1'-11"	1'-3"	1'-8"
	6	3'-10"	5'-6"	3'-9"	1'-10"	1'-1"	1'-3"

HORIZONTAL REACTION BACKING

NOT TO SCALE

REVISED 5/13/2025



PENNONI ASSOCIATES INC.
150 Ridge Road, Suite 2
Sellersville, PA 18960
T 215-257-5711 F 215-257-5766

HORIZONTAL REACTION BACKING
PREPARED FOR:
PERKASIE REGIONAL AUTHORITY

DESIGNED BY:	JAR
CHECKED BY:	SRT
DATE:	4/08/96
DRAWING NO.	PRA-W05