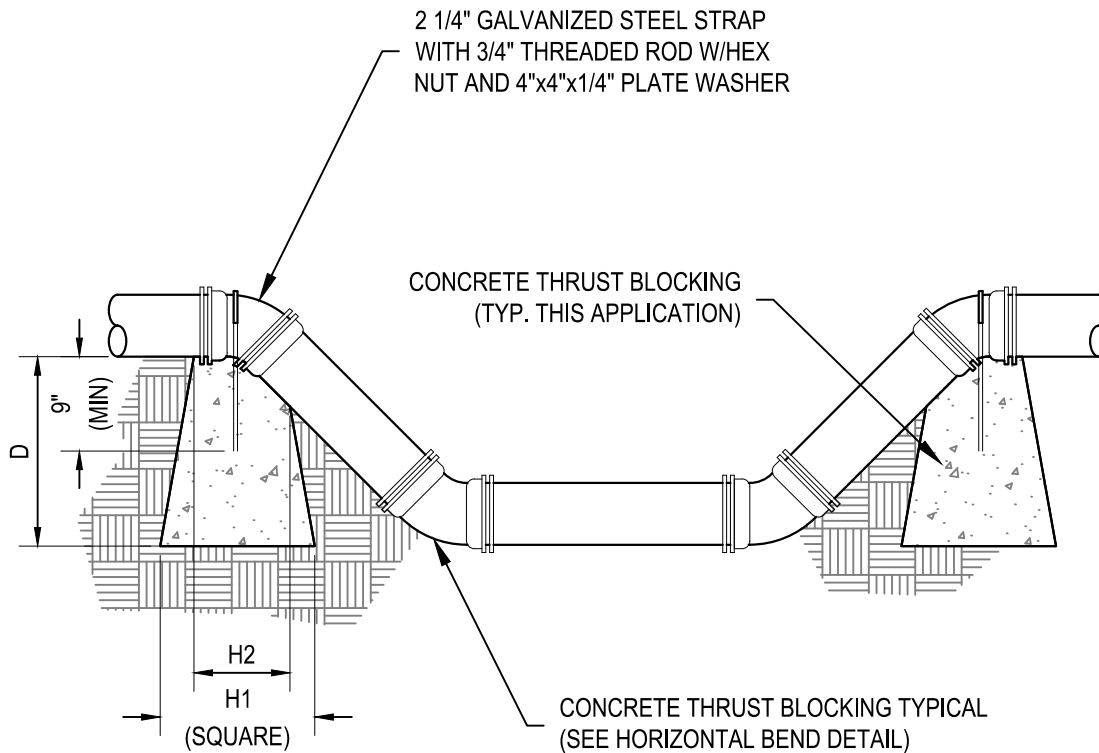




VERTICAL BENDS

N.T.S.

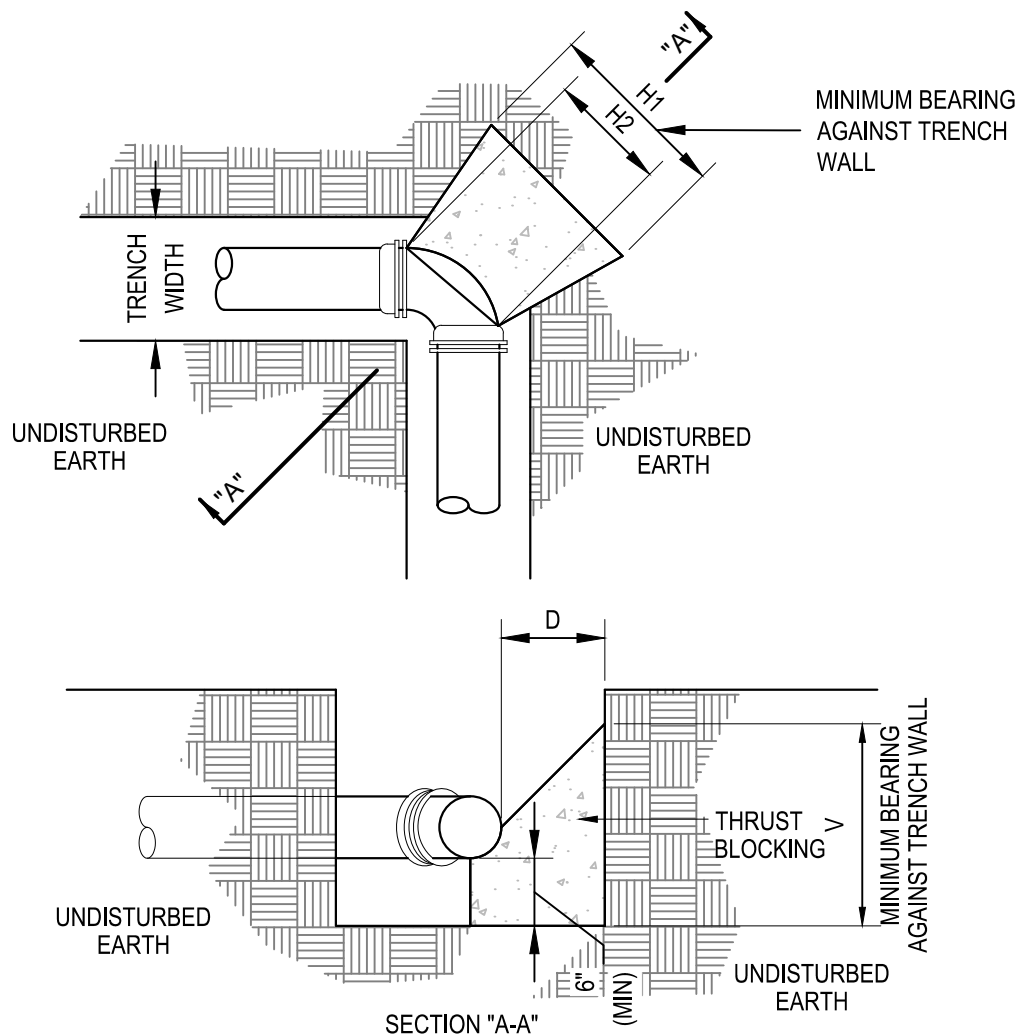


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HORIZONTAL BENDS

N.T.S.

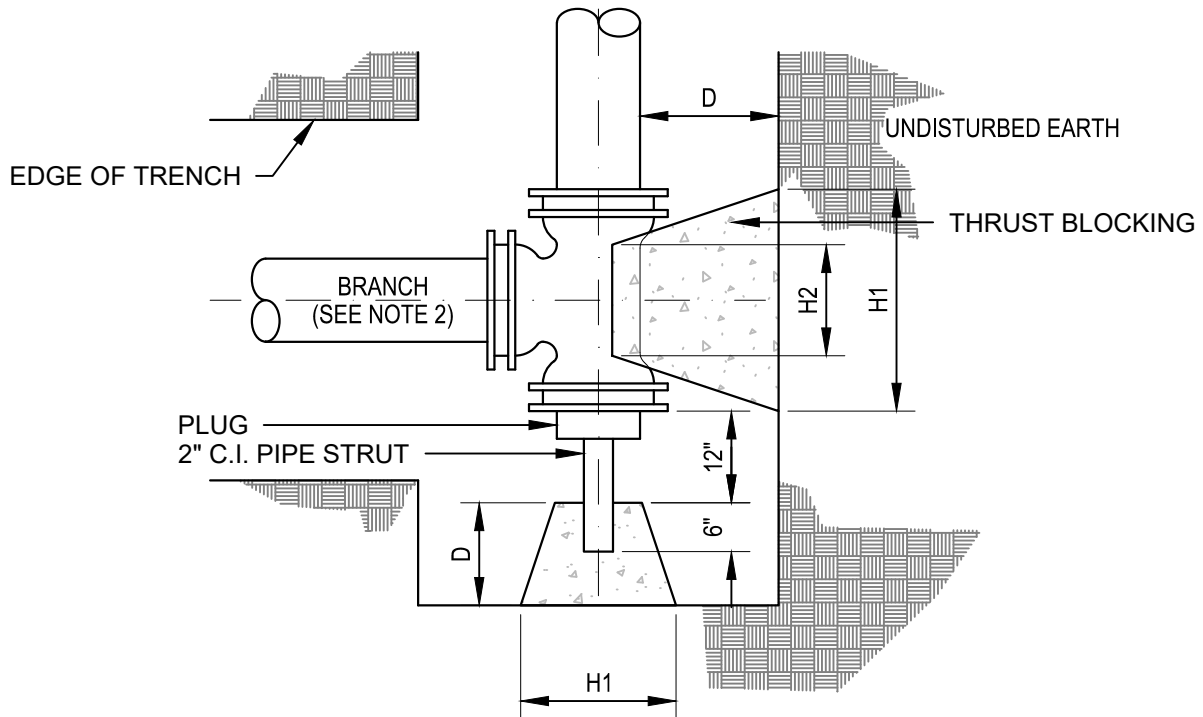


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NOTES:

1. BLOCKING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CLASS "B" CONCRETE FOR THE VOLUME SHOWN IN THE ABOVE TABLE FOR EACH FITTING SO BLOCKED ONLY IF A SEPERATE ITEM APPEARS IN THE SCHEDULE OF A PROPOSAL FOR A UNIT PRICE CONTRACT. OTHERWISE, THERE WILL BE NO SEPERATE PAYMENT FOR CONCRETE THRUST BLOCKING.
2. DIMENSIONS ARE CONTROLLED BY DIAMETER OF BRANCH MAIN.

TEES, CROSSES, & PLUGS

N.T.S.



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TEES, CROSSES, AND PLUGS					90° BENDS					45° BENDS					22-1/2° BENDS					11-1/4° BENDS					PIPE SIZE
H1	H2	V	D	Cu.Ft.	H1	H2	V	D	Cu.Ft.	H1	H2	V	D	Cu.Ft.	H1	H2	V	D	Cu.Ft.	H1	H2	V	D	Cu.Ft.	
18"	10"	12"	18"	1.90	18"	10"	12"	18"	1.90	18"	6"	12"	18"	1.50	18"	6"	12"	18"	1.50	18"	6"	12"	18"	1.50	2" - 2"
24"	12"	12"	18"	2.25	24"	12"	12"	18"	2.25	18"	8"	12"	18"	1.60	18"	8"	12"	18"	1.60	18"	8"	12"	18"	1.60	3" - 4"
24"	16"	18"	18"	3.50	30"	16"	18"	18"	4.05	24"	10"	16"	18"	3.20	24"	10"	16"	18"	3.20	24"	10"	16"	18"	3.20	6"
36"	18"	18"	24"	5.05	39"	18"	24"	18"	7.30	30"	12"	18"	18"	3.95	24"	12"	18"	18"	3.45	24"	12"	16"	18"	3.40	8"
48"	24"	18"	24"	7.15	54"	32"	24"	18"	10.25	36"	18"	21"	18"	4.60	24"	18"	21"	18"	4.60	24"	18"	21"	18"	4.60	10"
54"	30"	24"	24"	13.40	54"	32"	36"	24"	18.15	42"	18"	24"	24"	9.60	24"	18"	24"	24"	6.60	24"	18"	21"	24"	6.10	12"
60"	32"	30"	24"	17.90	60"	40"	42"	24"	25.00	44"	24"	30"	24"	13.20	30"	24"	24"	24"	9.20	27"	21"	24"	24"	7.90	14"
66"	34"	36"	24"	22.50	69"	48"	48"	24"	29.00	48"	30"	36"	24"	17.00	36"	30"	27"	24"	11.80	27"	24"	27"	24"	9.10	16"
66"	36"	40"	24"	27.50	69"	48"	48"	24"	33.00	48"	30"	36"	24"	17.00	36"	30"	29"	24"	13.00	27"	30"	29"	24"	11.00	18"
	38"		24"			48"		24"			40"		24"			36"		24"		30"	40"		28"		20"
	42"		24"			60"		24"			48"		24"			42"		24"			42"		32"		24"
	58"		24"			96"		24"			72"		24"			72"		24"			48"		36"		36"

NOTES:

- BLOCKING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CLASS "B" CONCRETE FOR THE VOLUME SHOWN IN THE ABOVE TABLE FOR EACH FITTING SO BLOCKED ONLY IF A SEPARATE ITEM APPEARS IN THE SCHEDULE OF A PROPOSAL FOR A UNIT PRICE CONTRACT. OTHERWISE, THERE WILL BE NO SEPARATE PAYMENT FOR CONCRETE THRUST BLOCKING.
- DIMENSIONS ARE CONTROLLED BY DIAMETER OF BRANCH MAIN.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE THRUST BLOCKING ON ALL TEES, BENDS, TAPPING SLEEVES AND VALVES, AND ANY OTHER PIPING CONNECTIONS AS SHOWN ON THE STANDARD DETAIL SHEET. THE CONTRACTOR SHALL NOT BE ALLOWED TO USE ANY PRE-MIX CONCRETE SUCH AS SAK-CRETE. ALL THRUST BLOCKING SHALL BE VISUALLY INSPECTED PRIOR TO BACKFILLING BY THE OWNER'S REPRESENTATIVE.

CONCRETE THRUST BLOCKING TABLE

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