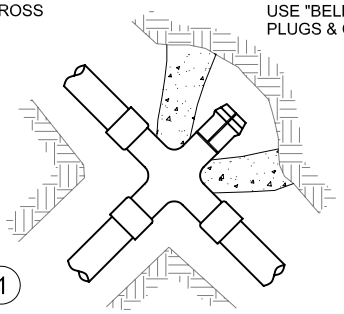
CROSS

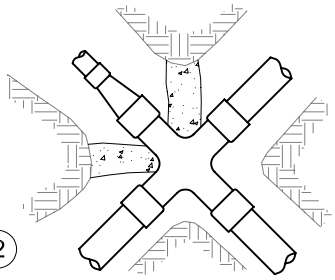
USE "BELL-TITE" PLUGS & CLAMPS



1

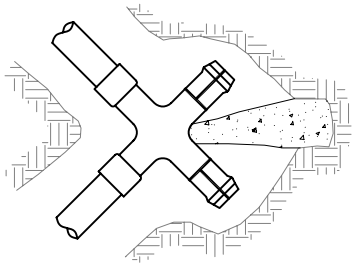
REDUCER

TABLE VALUES BASED ON REDUCTION TO 150mm



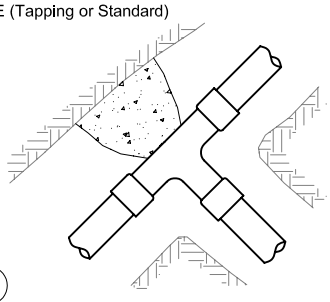
2

CROSS



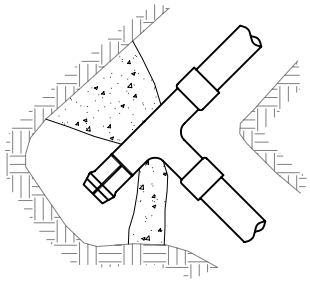
3

TEE (Tapping or Standard)



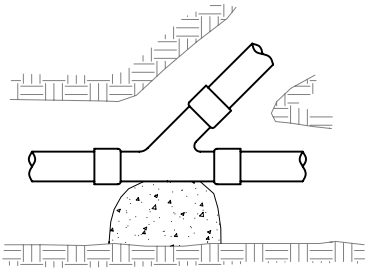
4

TEE



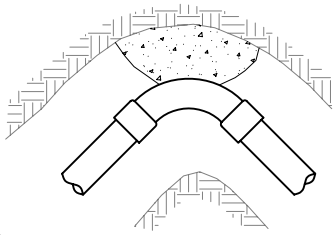
5

WYE



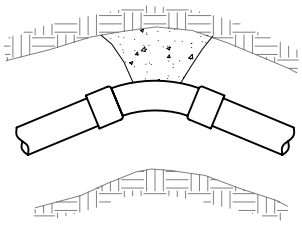
6

90° BEND



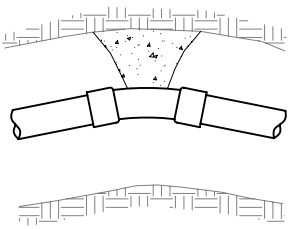
7

45° BEND



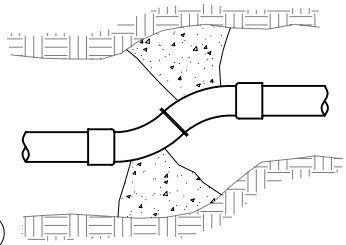
8

22-1/2° BEND AND
11-1/4° BEND



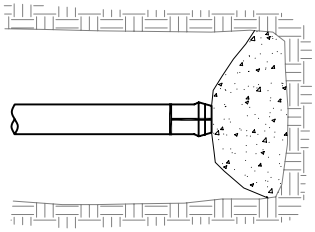
9

OFFSET BEND



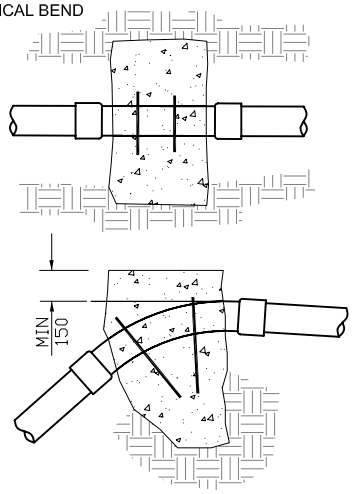
10

USE "BELL-TITE" PLUGS & CLAMPS



11

VERTICAL BEND



VERTICAL REACTION BLOCK SIZE TO BE DESIGNED BY A PROFESSIONAL ENGINEER AND SHOWN ON THE ENGINEERED DRAWINGS

12

BEARING AREA OF BLOCKS

CONCRETE AREAS IN m^2

TYPE	PIPE SIZE	100	150	200	250	300	400
	1, 4, 11	0.2	0.4	0.7	1.0	1.45	1.9
	3, 5, 7	0.3	0.55	0.9	1.45	2.05	2.7
	2			0.25	0.5	0.75	1.65
	6, 8	0.15	0.3	0.5	0.6	1.2	1.45
	9	0.1	0.15	0.3	0.45	0.6	0.75
	10	0.3	0.6	1.0	1.2	2.2	2.9

DESIGN ASSUMPTIONS

HYDRAULIC HEAD = 1.38 MPa

SOIL BEARING VALUE = 0.096 MPa
(MEDIUM SOFT CLAY)

NOTE:
1. PLACE 6mil POLYETHYLENE ON INTERFACE BETWEEN CONCRETE AND FITTING.
2. PLACE 20 MPa CONCRETE AGAINST UNDISTURBED GROUND AND KEEP CONCRETE CLEAR OF FITTING JOINTS.

City of Revelstoke

Title:
THRUST BLOCK ARRANGEMENTS

STANDARD DETAIL DRAWINGS | JUNE 2007 | DWG No. COR-W1