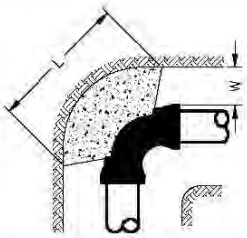
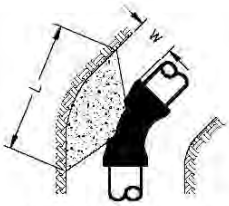
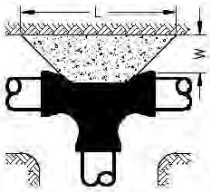


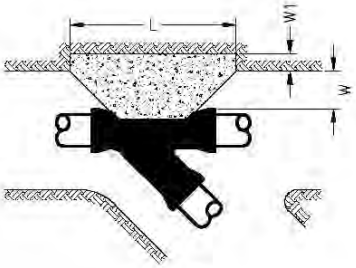
HORIZONTAL 90° BEND



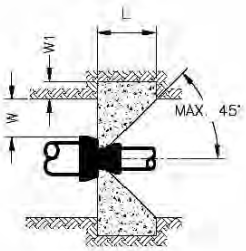
HORIZONTAL 45° BEND



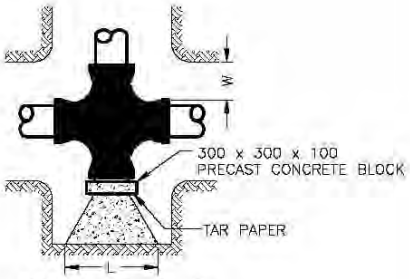
TEE



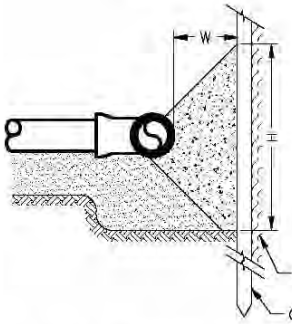
LATERAL

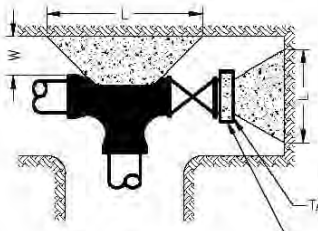


REDUCER

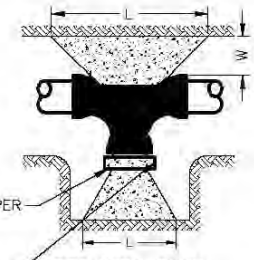


CROSS WITH PLUG

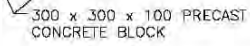




TEE WITH VALVE



TEE WITH PLUG



NOTE: WHERE GROUND CANNOT BE EXCAVATED TO FREE STANDING UNDISTURBED SOIL, SMALL BLANK SHEET PILING SHALL BE DRIVEN TO PROVIDE UNDISTURBED THRUST AREA. PILING TO BE DRIVEN PRIOR TO EXCAVATING FOR THRUST BLOCK, PILING SHOULD BE USED ONLY BELOW THE PERMANENT WATER TABLE.

NOTE: ALL DIMENSIONS IN MILLIMETRES (*)DIMENSIONS APPLY TO THE LARGER DIAMETER END OF FITTING.

MIMINUM THRUST AREAS FOR FITTINGS AT IMPa PRESSURE AND FOR SOILS WITH MIN. BEARING OF 100kPa (NOT TO BE USED FOR SOFT CLAY, MUCK, PEAT etc.)

TYPE OF FITTING	FITTING SIZE	OUTSIDE OF FITTING TO BEARING FACE	RECESS IN TRENCH WALL	LENGTH	HEIGHT	TYPE OF FITTING	FITTING SIZE	OUTSIDE OF FITTING TO BEARING FACE	RECESS IN TRENCH WALL	LENGTH	HEIGHT
	D	W	W1	L	H		D	W	W1	L	H
90° BEND	150	300		900	500	CROSS	150	300		650	450
	200	350		1100	650		200	350		800	650
	250	375		1500	800		250	375		1050	800
	300	400		1750	950		300	400		1300	950
45° BEND	150	300		500	450	45° LATERAL	150	300	300	500	450
	200	350		700	600		200	350	400	700	600
	250	375		850	750		250	375	500	850	750
	300	400		1000	900		300	400	600	1000	900
22 1/2° BEND	150	300		450	250	REDUCER*	150	300	150	500	450
	200	350		600	350		200	350	200	700	600
	250	375		850	500		250	375	250	250	750
	300	400		900	500		300	400	300	1000	900
TEE	150	300		600	500	CAPS AND PLUGS (IF NOT BOLTED)	150	300		500	450
	200	350		800	600		200	350		700	600
	250	375		1000	800		250	375		850	750
	300	400		1300	950		300	400		1000	900

DATE	REVISION	No.	BY
	REVISIONS		

THE CORPORATION OF DELTA
ENGINEERING DEPARTMENT

THRUST BLOCK DETAILS

DSN.	DRN.	DWG. No.	
CHKD.	APVRD.	L 4.6	
SCALE	N.T.S.		
DATE	OCT. 30, 1972	RVSN.	