



TABLE 1. MINIMUM THRUST AREAS

NOTE: ALL DIMENSIONS IN MILLIMETERS

*DIMENSIONS APPLY TO THE LARGER DIAMETER OF FITTING

MINIMUM THRUST AREAS FOR FITTINGS AT 150 psi PRESSURE AND FOR SOILS WITH MINIMUM BEARING OF 9.75 t/m ² (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
	D	W	W'	W'	L	L	H	H	D	W	
90° BEND	150	300			900	450	CROSS	150	300	600	450
	200	350			1050	600		200	350	750	600
	250	375			1450	750		250	375	1000	750
	300	400			1650	900		300	400	1200	900
45° BEND	150	300			450	450	45° WYE	150	300	300	450
	200	350			600	600		200	350	400	600
	250	375			750	750		250	375	500	750
	300	400			900	900		300	400	600	900
22½° BEND	150	300			450	225	REDUCER	150	300	150	450
	200	350			600	300		200	350	200	600
	250	375			825	450		250	375	250	750
	300	400			900	450		300	400	300	900
TEE	150	300			600	450	CAPS AND PLUGS (IF NOT BOLTED)	150	300		450
	200	350			750	600		200	350		600
	250	375			1000	750		250	375		750
	300	400			1200	900		300	400		900

- NOTE:**
1. REFER TO CONTRACT DRAWINGS FOR SPECIFIED BEARING AREAS OF THRUST BLOCKS AND/OR SPECIFIC REQUIREMENTS NOT SHOWN ON THIS DRAWING.
 2. PLACE 6 mil POLYETHYLENE ON INTERFACE BETWEEN CONCRETE AND FITTING.
 3. PLACE 20 MPa CONCRETE AGAINST UNDISTURBED GROUND; KEEP CONCRETE CLEAR OF FITTING JOINTS.
 4. SOILS AND CONDITIONS (WET) NOT MEETING MIN. BEARING OF 9.75 t/m² ARE TO BE REFERRED TO ENGINEER.

NOTE: *REFER TO DWG NO. W1-B FOR ADDITIONAL ARRANGEMENTS.



RESORT MUNICIPALITY of WHISTLER	
THRUST BLOCK DETAILS	
DRAWN BY: BL	DATE: JANUARY 2003
SCALE: N.T.S.	DWG. NO.: W12-A