



PLAN

ELEVATION

MINIMUM BEARING AREA TABLE					
FITTING DIA	TEE	90°	45°	22 1/2°	11 1/4°
6"	4 SQ.FT.	5 SQ.FT.	3 SQ.FT.	2 SQ.FT.	2 SQ.FT.
8"	7 SQ.FT.	9 SQ.FT.	5 SQ.FT.	3 SQ.FT.	2 SQ.FT.
10"	10 SQ.FT.	14 SQ.FT.	8 SQ.FT.	4 SQ.FT.	2 SQ.FT.
12"	15 SQ.FT.	20 SQ.FT.	11 SQ.FT.	6 SQ.FT.	3 SQ.FT.
16"	25 SQ.FT.	36 SQ.FT.	20 SQ.FT.	10 SQ.FT.	5 SQ.FT.

**NOTE:**

BEARING AREA TABLE BASED ON 250 PSI PRESSURE AND 2000 PSF SOIL BEARING. IF PRESSURE IS GREATER OR SOIL BEARING IS LESS, THE THRUST BLOCK SIZE SHALL BE INCREASED. USE WSDOT STD PLAN B-22a FOR SIZING THRUST BLOCKS.

THIS TABLE REPRESENTS THE "MINIMUM" CONSTRUCTION STANDARDS. THE DEVELOPER'S ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING THE APPROPRIATE SIZE OF ALL THRUST BLOCKS BASED ON EXISTING AND LOCAL CONDITIONS.

Approved:  March 16, 2018  
 City Engineer Date



Dwg No: **W4**  
**CONCRETE THRUST BLOCK**

**WATER STANDARD DETAIL**