



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:

June 17, 2015

City Engineer

Date

**WATER STANDARD DETAIL**



Dwg No:

**W4**

**CONCRETE THRUST  
BLOCK**