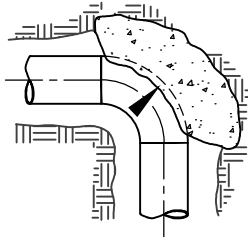
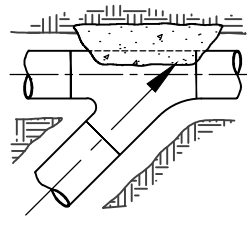


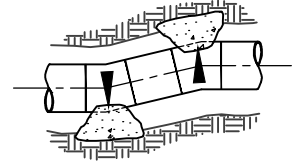
CONDITION 1



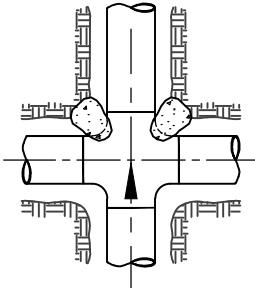
CONDITION 2



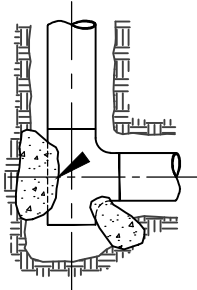
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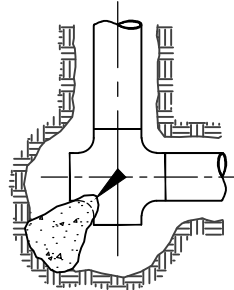
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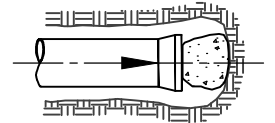
CONDITION 5
(@ ENGINEERS DISC)



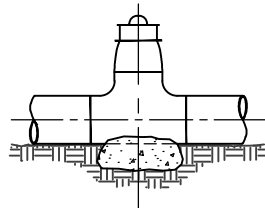
CONDITION 6



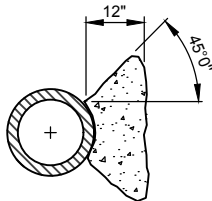
CONDITION 7



CONDITION 8



ANCHOR REQ'D. FOR
VALVES 12" OR LARGER



TYPICAL SECTION
THRU THRUST BLOCK

THRUST BLOCK BEARING AREA IN SQ. FT.

PIPE SIZE	CONDITION							
	1	2	3	4	5	6	7	8
4	2.6	3.3	2.6	1.3	1.3	2.0	3.3	2.6
6	4.6	6.5	3.9	2.0	2.6	3.3	6.5	4.6
8	7.8	11.0	5.9	3.3	3.9	5.9	11.0	7.8
10	12.4	17.5	9.8	5.2	6.5	9.1	17.5	12.4
12	17.5	24.8	13.6	7.8	9.1	12.3	24.8	17.5
14	24.0	33.8	18.2	9.7	12.3	16.9	33.8	24.0
16	31.1	44.0	23.8	12.7	15.5	23.2	44.0	31.1
20	48.6	68.8	37.2	19.8	24.2	36.3	68.8	48.6
24	89.8	90.1	48.8	24.9				

NOTES:

1. ALL THRUST BLOCK BEARING FACES SHALL BE POURED AGAINST UNDISTURBED SOIL OR APPROVED COMPACTED BACKFILL.
2. CONCRETE SHALL BE CLASS 6.0-B-3000.
3. ALL THRUST BLOCK SIDES SHALL BE FORMED.
4. CALCULATED ON 225 LB. TEST PRESSURE AND ALLOWABLE BEARING PRESSURE OF 200 LBS. PER SQUARE FEET.
5. IN POORER SOILS SPECIAL DESIGN IS REQUIRED.
6. VALVE BOLTS, WEEP-HOLES, AND OTHER FITTING APPARATUSES SHALL NOT BE COVERED WITH CONCRETE AND SHALL REMAIN EXPOSED.
7. ALL THRUST BLOCKS SHALL BE INSPECTED BY AUTHORIZED CITY INSPECTOR PRIOR TO POUR AND PRIOR TO BACKFILL.

TYPICAL PIPE THRUST BLOCKING

V:\ENGR\Std\StdSpec\StdSpec 2019\Drawg Files\WATER-2.dwg - Thrust Blocks - 2/06/2019 12:27pm r.funk

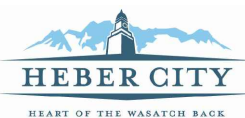
HORROCKS
ENGINEERS

728 WEST 100 SOUTH #2
HEBER CITY, UTAH 84032
(435) 654-2226

DATE: FEBRUARY 2019

SCALE: N.T.S.

75 NORTH MAIN STREET
HEBER CITY, UTAH 84032
(435) 654-0757



HEBER CITY
STANDARD DRAWING

WATER-2