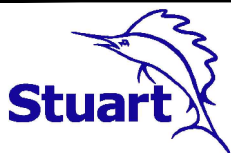


THRUST BLOCK SCHEDULE

PIPE SIZE	HOLD DIMENSIONS		150 P.S.I. TEST PRESSURE								
			90°	45°	22 1/2°	11 1/4°	LAT.	TEE	PLUG		
INCHES	E MIN.	B	A	A	A	A	A	A	C	D	E
4	10"	7"	10"	6"	3"	3"	7"	7"	10"	7"	8"
6	16"	10"	15"	8"	4"	4"	10"	10"	12"	10"	8"
8	20"	14"	18"	10"	5"	5"	14"	14"	14"	14"	12"
10	28"	16"	24"	14"	7"	7"	16"	16"	16"	16"	14"
12	30"	20"	26"	16"	8"	8"	20"	20"	18"	20"	20"

NOTES:

1. THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED MATERIAL, WHERE TRENCH WALL HAS BEEN DISTURBED EXCAVATE ALL LOOSE MATERIAL AND EXTEND THRUST BLOCK TO UNDISTURBED MATERIAL.
2. ON TEES AND BENDS EXTEND THRUST BLOCK THE FULL LENGTH AND PUT WOOD BLOCKING IN FRONT OF ALL PLUGS BEFORE POURING CONCRETE.
3. ALL WOOD UTILIZED FOR FORMS SHALL BE PRESSURE TREATED WOOD.
4. BACKFILL SHALL CONSIST ENTIRELY OF CLEAN SAND AND SMALL ROCK FRAGMENTS. ANY MUCK FOUND AROUND THE EXCAVATION SHALL BE REPLACED WITH COMPACTED ACCEPTABLE MATERIAL.
5. ALL THRUST BLOCKS SHALL BE CAST IN PLACE WITH 2,500 PSI CONCRETE.
6. ALL PIPES GREATER THAN 12" IN DIAMETER SHALL HAVE RESTRAINED JOINTS IN ACCORDANCE WITH RESTRAINED JOINT SPECIFICATION DETAILED IN SHEET #13.
7. PIPES SMALLER THAN 4" SHALL USE THRUST BLOCKS SIZED FOR 4" PIPES.



STANDARD UTILITY DETAILS
City of Stuart
Utilities & Engineering Department

121 S.W. Flagler Avenue, Stuart, Florida 34994

THRUST BLOCK SCHEDULE

DATE: OCTOBER 2021
 FILE NAME: 2021 COS Std Details.dwg

SHEET NUMBER
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