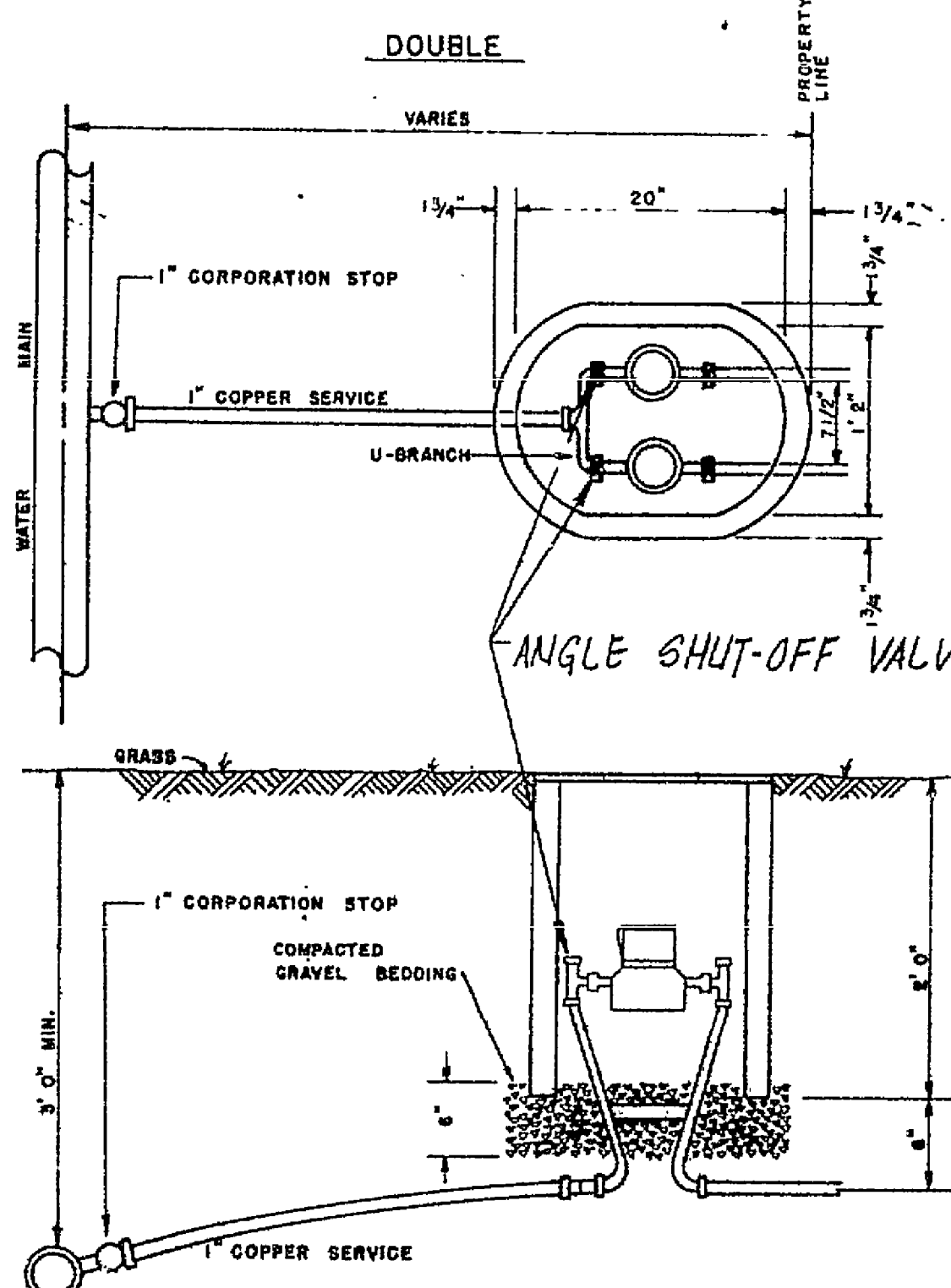
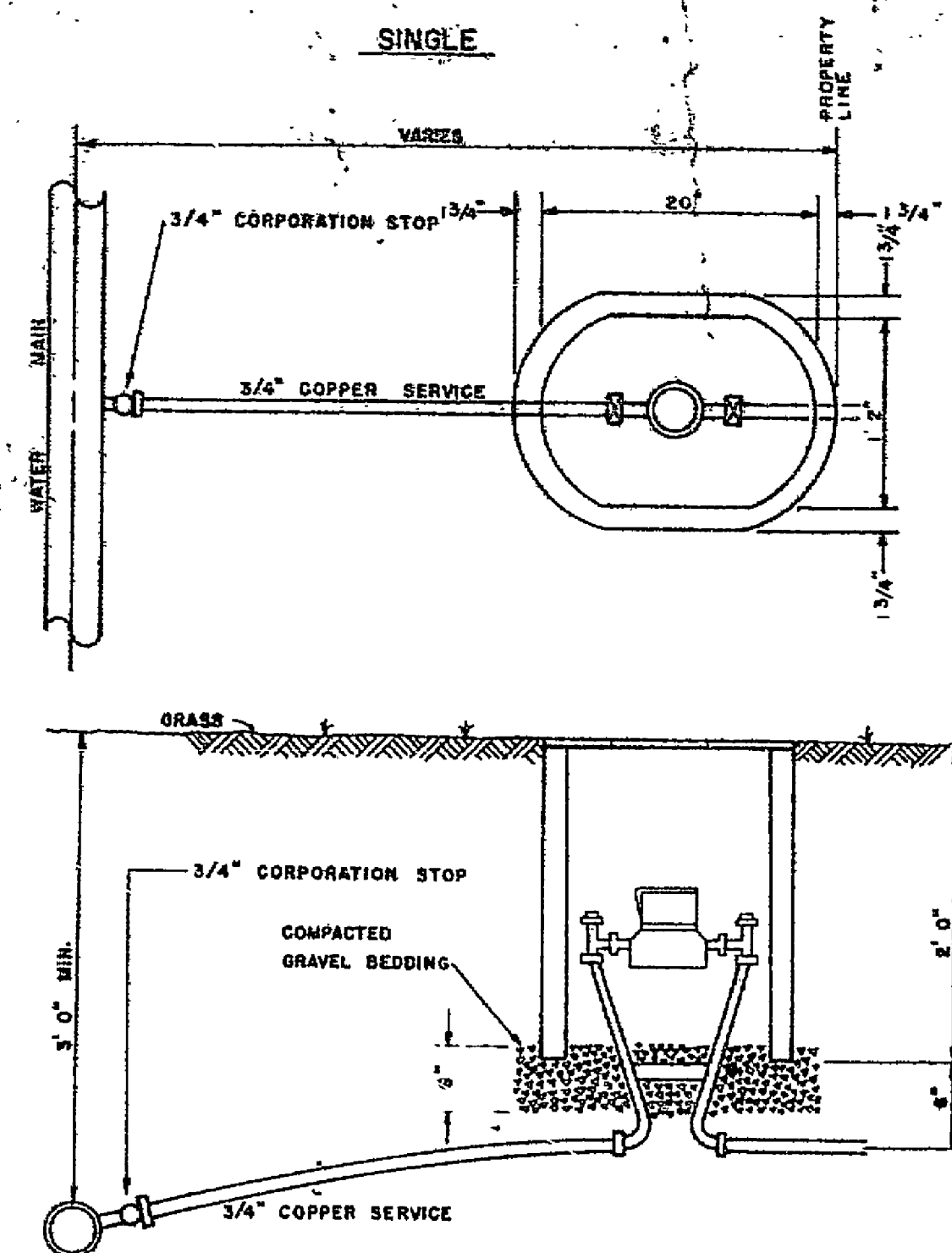


RESIDENTIAL WATER METER INSTALLATION



MATERIALS

METER BOX MUST BE FORD IRONCRETE METER BOX WITH NO. 2 IRONCRETE TOP OR APPROVED EQUIVALENT.

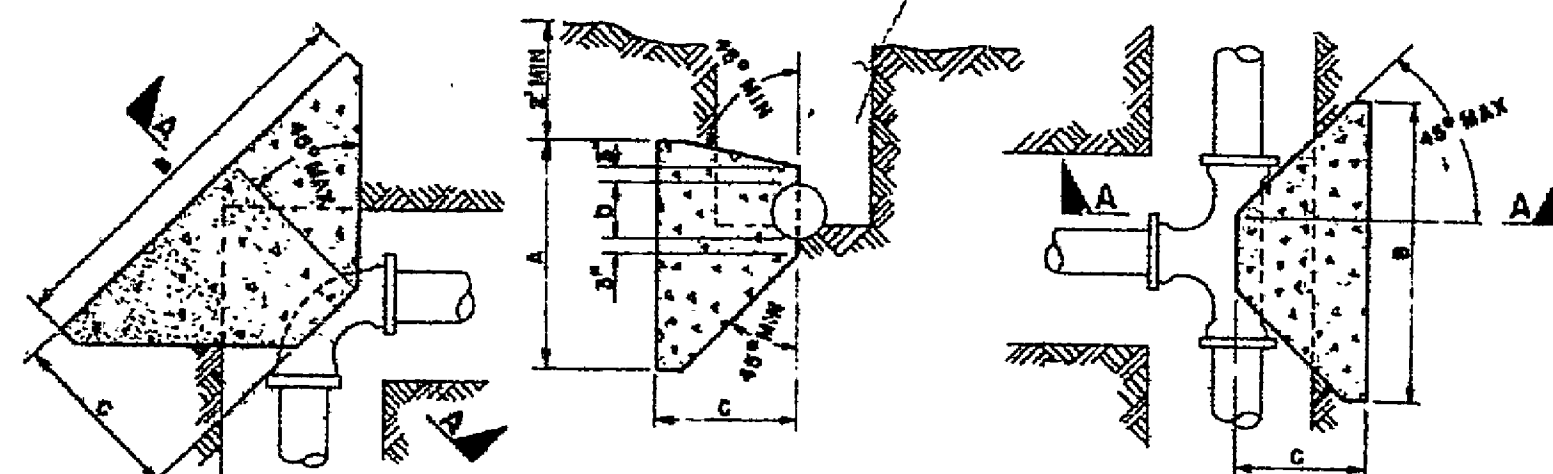
METER SETTER MUST BE FORD V.V. 72-15 WITH PADLOCK WINGS, McDONALD 12-15 V.V.W. OR APPROVED EQUIVALENT.

CORPORATION STOP MUST BE MUELLER H16000, FORD F-600 OR APPROVED EQUIVALENT.

U-BRANCH MUST BE FORD U28-43, MUELLER H-15362, OR APPROVED EQUIVALENT.

THRUST BLOCK

(HORIZONTAL AND VERTICAL BENDS)



PIPE SIZE	TEE ON DEAD END	30° BEND	45° BEND	90° BEND	90° BEND	90° BEND	90° BEND	90° BEND	90° BEND
1/2"	2.0	3.0	1.5	3.0	4.0	1.5	2.0	3.0	1.5
3/4"	2.5	4.0	2.0	3.5	4.5	2.0	2.5	3.5	2.0
1"	3.0	4.5	2.5	4.0	5.0	2.5	3.0	4.0	2.5
1 1/2"	3.5	5.0	3.0	4.5	5.5	3.0	3.5	4.5	3.0
2"	4.0	5.5	3.5	5.0	6.0	3.5	4.0	5.0	3.5
2 1/2"	4.5	6.0	4.0	5.5	6.5	4.0	4.5	5.5	4.0
3"	5.0	6.5	4.5	6.0	7.0	4.5	5.0	6.0	4.5
3 1/2"	5.5	7.0	5.0	6.5	7.5	5.0	5.5	6.5	5.0
4"	6.0	7.5	5.5	7.0	8.0	5.5	6.0	7.0	5.5
4 1/2"	6.5	8.0	6.0	7.5	8.5	6.0	6.5	7.5	6.0
5"	7.0	8.5	6.5	8.0	9.0	6.5	7.0	8.0	6.5
5 1/2"	7.5	9.0	7.0	8.5	9.5	7.0	7.5	8.5	7.0
6"	8.0	9.5	7.5	9.0	10.0	7.5	8.0	9.0	7.5
6 1/2"	8.5	10.0	8.0	9.5	10.5	8.0	8.5	9.5	8.0
7"	9.0	10.5	8.5	10.0	11.0	8.5	9.0	10.0	8.5
7 1/2"	9.5	11.0	9.0	10.5	11.5	9.0	9.5	10.5	9.0
8"	10.0	11.5	9.5	11.0	12.0	9.5	10.0	11.0	9.5
8 1/2"	10.5	12.0	10.0	11.5	12.5	10.0	10.5	11.5	10.0
9"	11.0	12.5	10.5	12.0	13.0	10.5	11.0	12.0	10.5
9 1/2"	11.5	13.0	11.0	12.5	13.5	11.0	11.5	12.5	11.0
10"	12.0	13.5	11.5	13.0	14.0	11.5	12.0	13.0	11.5
10 1/2"	12.5	14.0	12.0	13.5	14.5	12.0	12.5	13.5	12.0
11"	13.0	14.5	12.5	14.0	15.0	12.5	13.0	14.0	12.5
11 1/2"	13.5	15.0	13.0	14.5	15.5	13.0	13.5	14.5	13.0
12"	14.0	15.5	13.5	15.0	16.0	13.5	14.0	15.0	13.5
12 1/2"	14.5	16.0	14.0	15.5	16.5	14.0	14.5	15.5	14.0
13"	15.0	16.5	14.5	16.0	17.0	14.5	15.0	16.0	14.5
13 1/2"	15.5	17.0	15.0	16.5	17.5	15.0	15.5	16.5	15.0
14"	16.0	17.5	15.5	17.0	18.0	15.5	16.0	17.0	15.5
14 1/2"	16.5	18.0	16.0	17.5	18.5	16.0	16.5	17.5	16.0
15"	17.0	18.5	16.5	18.0	19.0	16.5	17.0	18.0	16.5
15 1/2"	17.5	19.0	17.0	18.5	19.5	17.0	17.5	18.5	17.0
16"	18.0	19.5	17.5	19.0	20.0	17.5	18.0	19.0	17.5
16 1/2"	18.5	20.0	18.0	19.5	20.5	18.0	18.5	19.5	18.0
17"	19.0	20.5	18.5	20.0	21.0	18.5	19.0	20.0	18.5
17 1/2"	19.5	21.0	19.0	20.5	21.5	19.0	19.5	20.5	19.0
18"	20.0	21.5	19.5	21.0	22.0	19.5	20.0	21.0	19.5
18 1/2"	20.5	22.0	20.0	21.5	22.5	20.0	20.5	21.5	20.0
19"	21.0	22.5	20.5	22.0	23.0	20.5	21.0	22.0	20.5
19 1/2"	21.5	23.0	21.0	22.5	23.5	21.0	21.5	22.5	21.0
20"	22.0	23.5	21.5	23.0	24.0	21.5	22.0	23.0	21.5
20 1/2"	22.5	24.0	22.0	23.5	24.5	22.0	22.5	23.5	22.0
21"	23.0	24.5	22.5	24.0	25.0	22.5	23.0	24.0	22.5
21 1/2"	23.5	25.0	23.0	24.5	25.5	23.0	23.5	24.5	23.0
22"	24.0	25.5	23.5	25.0	26.0	23.5	24.0	25.0	23.5
22 1/2"	24.5	26.0	24.0	25.5	26.5	24.0	24.5	25.5	24.0
23"	25.0	26.5	24.5	26.0	27.0	24.5	25.0	26.0	24.5
23 1/2"	25.5	27.0	25.0	26.5	27.5	25.0	25.5	26.5	25.0
24"	26.0	27.5	25.5	27.0	28.0	25.5	26.0	27.0	25.5
24 1/2"	26.5	28.0	26.0	27.5	28.5	26.0	26.5	27.5	26.0
25"	27.0	28.5	26.5	28.0	29.0	26.5	27.0	28.0	26.5
25 1/2"	27.5	29.0	27.0	28.5	29.5	27.0	27.5	28.5	27.0
26"	28.0	29.5	27.5	29.0	30.0	27.5	28.0	29.0	27.5
26 1/2"	28.5	30.0	28.0	29.5	30.5	28.0	28.5	29.5	28.0
27"	29.0	30.5	28.5	30.0	31.0	28.5	29.0	30.0	28.5
27 1/2"	29.5	31.0	29.0	30.5	31.5	29.0	29.5	30.5	29.0
28"	30.0	31.5	29.5	31.0	32.0	29.5	30.0	31.0	29.5
28 1/2"	30.5	32.0	30.0	31.5	32.5	30.0	30.5	31.5	30.0
29"	31.0	32.5	30.5	32.0	33.0	30.5	31.0	32.0	30.5
29 1/2"	31.5	33.0	31.0	32.5	33.5	31.0	31.5	32.5	31.0
30"	32.0	33.5	31.5	33.0	34.0	31.5	32.0	33.0	31.5
30 1/2"	32.5	34.0	32.0	33.5	34.5	32.0	32.5	33.5	32.0
31"	33.0	34.5	32.5	34.0	35.0	32.5	33.0	34.0	32.5
31 1/2"	33.5	35.0	33.0	34.5	35.5	33.0	33.5	34.5	33.0
32"	34.0	35.5	33.5	35.0	36.0	33.5	34.0	35.0	33.5
32 1/2"	34.5	36.0	34.0	35.5	36.5	34.0	34.5	35.5	34.0
33"	35.0	36.5	34.5	36.0	37.0	34.5	35.0	36.0	34.5
33 1/2"	35.5	37.0	35.0	36.5	37.5	35.0	35.5	36.5	35.0
34"	36.0	37.5	35.5	37.0	38.0	35.5	36.0	37.0	35.5
34 1/2"	36.5	38.0	36.0	37.5	38.5	36.0	36.5	37.5	36.0
35"	37.0	38.5	36.5	38.0	39.0	36.5	37.0	38.0	36.5
35 1/2"	37.5	39.0	37.0	38.5	39.5	37.0	37.5	38.5	37.0
36"	38.0	39.5	37.5	39.0	40.0	37.5	38.0	39.0	37.5
36 1/2"	38.5	40.0	38.0	39.5	40.5	38.0	38.5	39.5	38.0
37"	39.0	40.5	38.5	40.0	41.0	38.5	39.0	40.0	38.5
37 1/2"	39.5	41.0	39.0	40.5	41.5	39.0	39.5	40.5	39.0
38"	40.0	41.5	39.5	41.0	42.0	39.5	40.0	41.0	39.5
38 1/2"	40.5	42.0	40.0	41.5	42.5	40.0	40.5	41.5	40.0
39"	41.0	42.5	40.5	42.0	43.0	40.5	41.0	42.0	40.5
39 1/2"	41.5	43.0	41.0	42.5	43.5	41.0	41.5	42.5	41.0
40"	42.0	43.5	41.5	43.0	44.0	41.5	42.0	43.0	41.5
40 1/2"	42.5	44.0	42.0	43.5	44.5	42.0	42.5	43.5	42.0
41"	43.0	44.5	42.5	44.0	45.0	42.5	43.0	44.0	42.5
41 1/2"	43.5	45.0	43.0	44.5	45.5	43.0	43.5	44.5	43.0
42"	44.0	45.5	43.5	45.0	46.0	43.5	44.0	45.0	43.5
42 1/2"	44.5	46.0	44.0	45.5	46.5	44.0	44.5	45.5	44.0
43"	45.0	46.5	44.5	46.0	47.0	44.5	45.0	46.0	44.5
43 1/2"	45.5	47.0	45.0	46.5	47.5	45.0	45.5	46.5	45.0
44"	46.0	47.5	45.5	47.0	48.0	45.5	46.0	47.0	45.5
44 1/2"	46.5	48.0	46.0	47.5	48.5	46.0	46.5	47.5	46.0
45"	47.0	48.5	46.5	48.0	49.0	46.5	47.0	48.0	46.5
45 1/2"	47.5	49.0	47.0	48.5	49.5	47.0	47.5	48.5	47.0
46"	48.0	49.5	47.5	49.0	50.0	47.5	48.0	49.0	47.5
46 1/2"	48.5	50.0	48.0	49.5	50.5	48.0	48.5	49.5	48.0
47"	49.0	50.5	48.5	50.0	51.0	48.5	49.0	50.0	48.5
47 1/2"	49.5	51.0	49.0	50.5	51.5	49.0	49.5	50.5	49.0
48"	50.0	51.5	49.5	51.0	52.0	49.5	50.0	51.0	49.5
48 1/2"	50.5	52.0	50.0	51.5	52.5	50.0	50.5	51.5	50.0
49"	51.0	52.5	50.5	52.0	53.0	50.5	51.0	52.0	50.5
49 1/2"	51.5	53.0	51.0	52.5	53.5	51.0	51.5	52.5	51.0
50"	52.0	53.5	51.5	53.0	54.0	51.5	52.0	53.0	51.5
50 1/2"	52.5	54.0	52.0	53.5	54.5	52.0	52.5	53.5	52.0
51"	53.0	54.5	52.5	54.0	55.0	52.5	53.0	54.0	52.5
51 1/2"	53.5	55.0	53.0	54.5	55.5	53.0	53.5	54.5	53.0
52"	54.0	55.5	53.5	55.0	56.0	53.5	54.0	55.0	53.5
52 1/2"	54.5	56.0	54.0	55.5	56.5	54.0	54.5	55.5	54.0
53"	55.0	56.5	54.5	56.0	57.0	54.5	55.0	56.0	54.5
53 1/2"	55.5	57.0	55.0	56.5	57.5	55.0	55.5	56.5	55.0
54"	56.0	57.5	55.5	57.0	58.0	55.5	56.0	57.0	55.5
54 1/2"	56.5	58.0	56.0	57.5	58.5	56.0	56.5	57.5	56.0
55"	57.0	58.5	56.5	58.0	59.0	56.5	57.0	58.0	56.5
55 1/2"	57.5	59.0	57.0	58.5	59.5	57.0	57.5	58.5	57.0
56"	58.0	59.5	57.5	59.0	60.0	57.5	58.0	59.0	57.5
56 1/2"	58.5	60.0	58.0	59.5	60.5	58.0	58.5	59.5	58.0
57"	59.0	60.5	58.5	60.0	61.0	58.5	59.0	60.0	58.5
57 1/2"	59.5	61.0	59.0	60.5	61.5	59.0	59.5	60.5	59.0
58"	60.0	61.5	59.5	61.0	62.0	59.5	60.0	61.0	59.5
58 1/2"	60.5	62.0	60.0	61.5	62.5	60.0	60.5	61.5	60.0
59"	61.0	62.5	60.5	62.0	63.0	60.5	61.0	62.0	60.5
59 1/2"	61.5	63.0	61.0	62.5	63.5	61.0	61.5	62.5	