



Floor (Bot): 848.85'
Overall Height: 5.667'
Slack: 1"

0 lb
1286 lb
4201 lb
258 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb

Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	854.6'							
Reducer								
Invert 1	849.35'	0°	18" HDPE	21.2"	24"	Hole 24	-1.6"	P1
Invert 2	851.5'	55°	6" HDPE	6.9"	10"	Hole 10	25.35"	P1
Invert 3	850.5'	80°	8" PVC SDR35	8.5"	12"	Hole 12	13.55"	P1
Invert 4	851.5'	144°	6" HDPE	6.9"	10"	Hole 10	25.35"	P1
Invert 5	849.45'	154°	12" HDPE	14.5"	16"	Hole 16	-0.05"	P1
Invert 6	849.45'	243°	12" HDPE	14.5"	16"	Hole 16	-0.05"	P1
Invert 7								
Invert 8								

The schematic diagram illustrates the experimental setup with six cameras arranged around a central area. The horizontal axis shows angles from 0° to 360° in increments of 90°. The vertical axis shows distances from 6 inches to 48 inches. Camera P1 is located at 0° and 6 inches. Camera 1 is at 0° and 1.6 inches. Camera 2 is at approximately 30° and 40 inches. Camera 3 is at approximately 45° and 35 inches. Camera 4 is at approximately 135° and 40 inches. Camera 5 is at 180° and 13.55 inches. Camera 6 is at 270° and 0.05 inches. Dashed circles represent the fields of view for each camera. Distances between cameras are labeled: 1.6 inches between P1 and 1, 13.55 inches between 1 and 5, 25.35 inches between 2 and 3, 25.35 inches between 4 and 5, and 0.05 inches between 5 and 6.

SUBMITTAL
APPROVED BY: