

Floor (Bot): 435.9'
Overall Height: 12.25'
Slack: 0.48"

P5) 24" x 24" - CASTING HEIGHT - 4"	0 lb
P4) 48" - MH FLAT TOP w/24"x24" Hole F/G - 12"	1500 lb
P3) 48" - MH RISER SPECIAL T/G - 66"	4180 lb
P2) 48" - MH RISER Custom Ht T/G - 41"	2864 lb
P1) 48" - MH BASE T/n - 18"	2588 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) ASSEMBLY REQUIRED	0 lb
1) CASTING - HOE 280T F/G	182 lb
3) 48" - Conseal CS-102 1.00" (Double)	0 lb
1) 24" x 24" - Conseal CS-102 1.00" (Double)	0 lb
1) Hole - 26	0 lb
1) Hole - 24	0 lb
Structure Total:	11314 lb

A diagram showing a square centered within a circle. A horizontal line with an arrow points from the center of the square to the right, labeled "Invert: 1" and "Degree: 270°". The square is labeled "+ 0°".

Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	448.19'							
Reducer								
Invert 1	443.15'	270°	18" RCP B WALL	23"	26"	Hole 26	13.75"	P3
Invert 2	443.15'	135°	18" HDPE	21.2"	24"	Hole 24	14.75"	P3
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

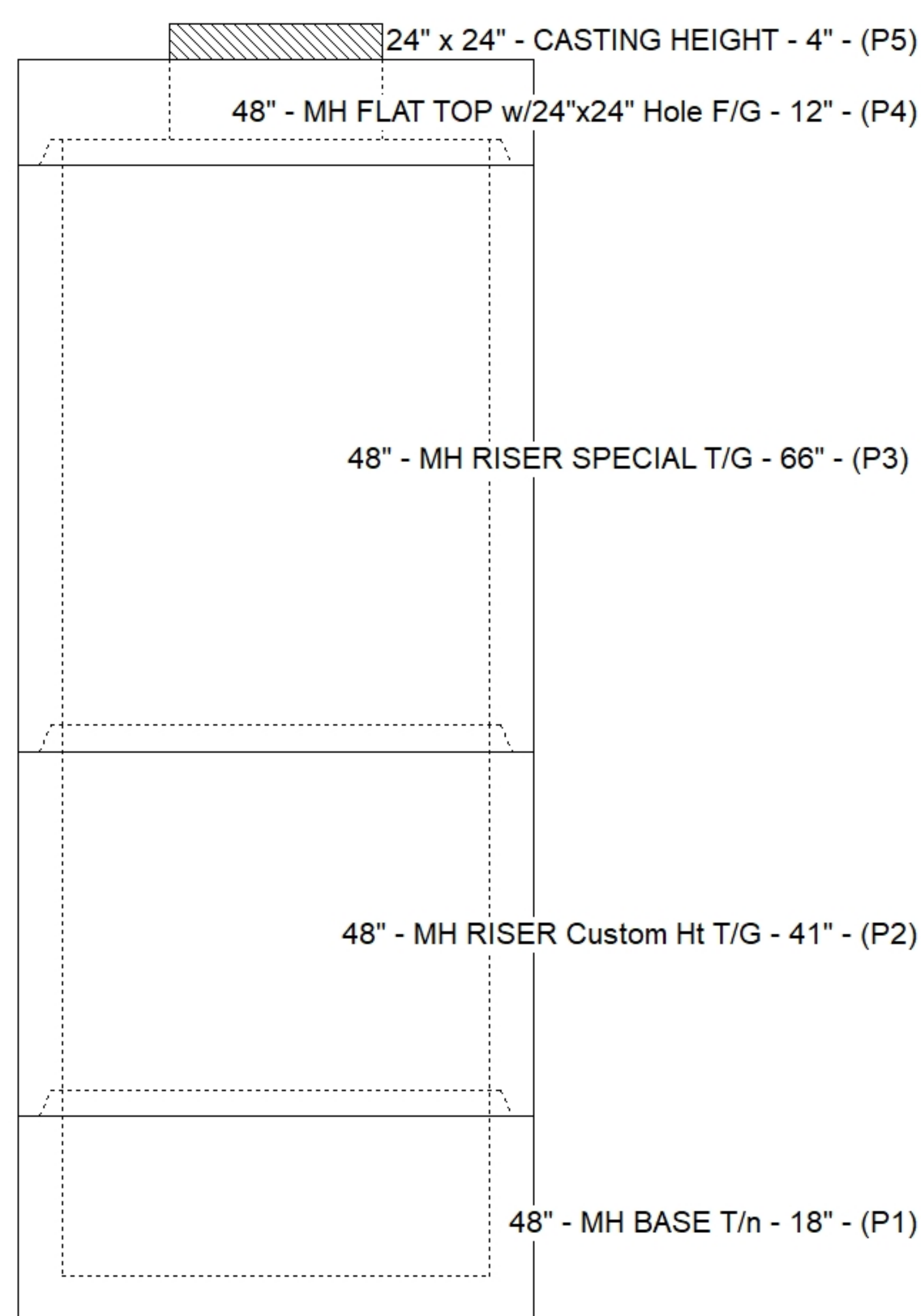


Diagram illustrating the experimental setup for the study. The setup consists of three horizontal panels (P1, P2, P3) arranged vertically. The vertical distance between P3 and P2 is 41", and between P2 and P1 is 18". The total height of the setup is 66". The horizontal distance between the two targets (1 and 2) is 180°. The targets are located at 13.75" and 14.75" from the right edge of the panel, respectively. The targets are labeled 1 and 2, and the distances are indicated by arrows.

SUBMITTAL
APPROVED BY: