

**Job Name: 25-1267B Grocery Owensboro KY**  
**Job Location: Owensboro, KY**  
**Contractor: Winwater Hartford KY Co.**

PC: A. Chambers  
 TECH: J. Coppage  
 Plant: Beaver Dam

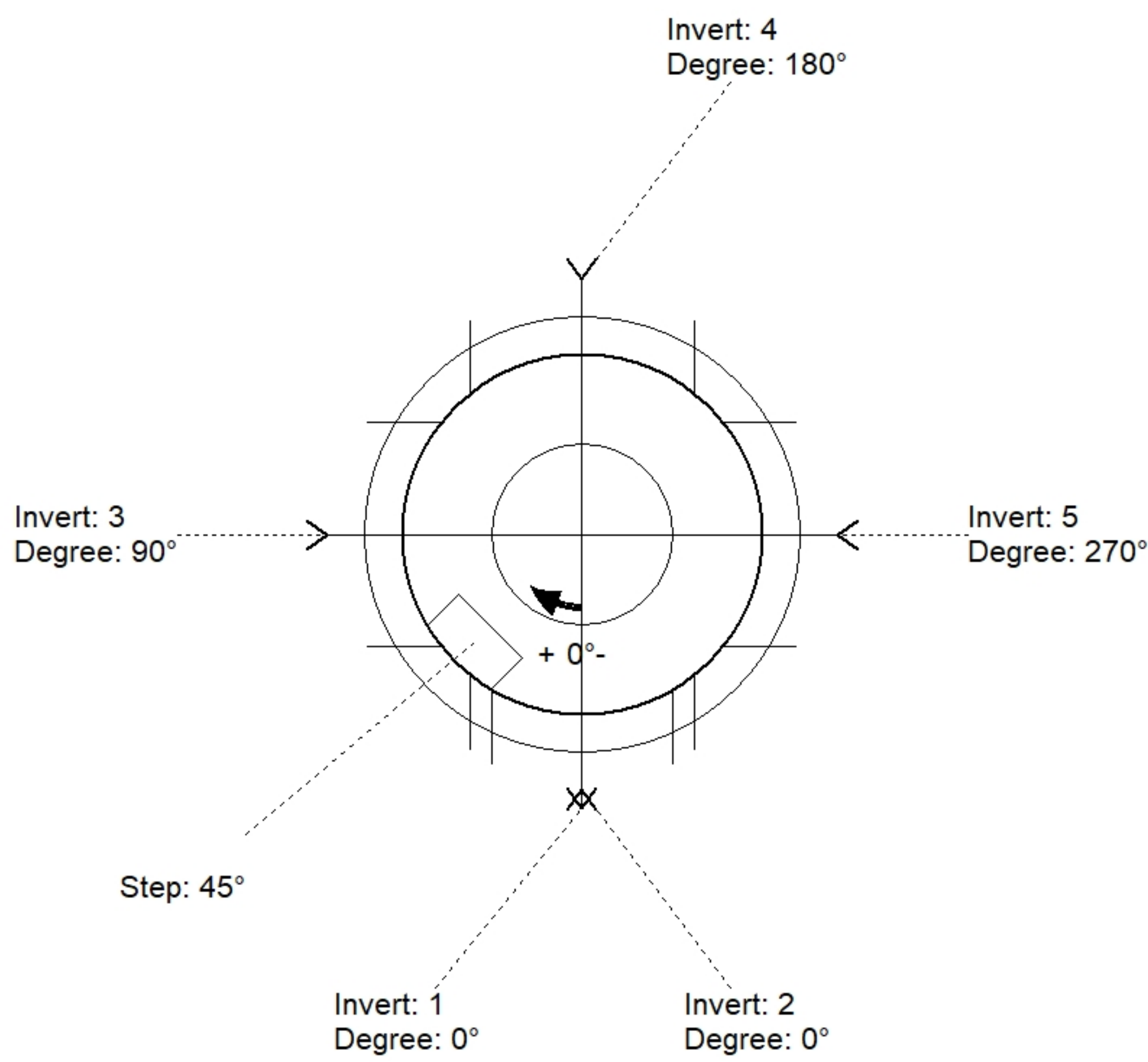


Structure ID: **CB-A3.1**  
 Spec: Storm Rim: 402.9' Sump: 1.6" Floor (Bot): 398.437'  
 Type: STM.MH Invert: 399.07' Floor (Top): 398.937' Overall Height: 4.417'  
 Size: 48" Rim to Invert: 3.83' Floor Height: 6" Slack: 0.56"

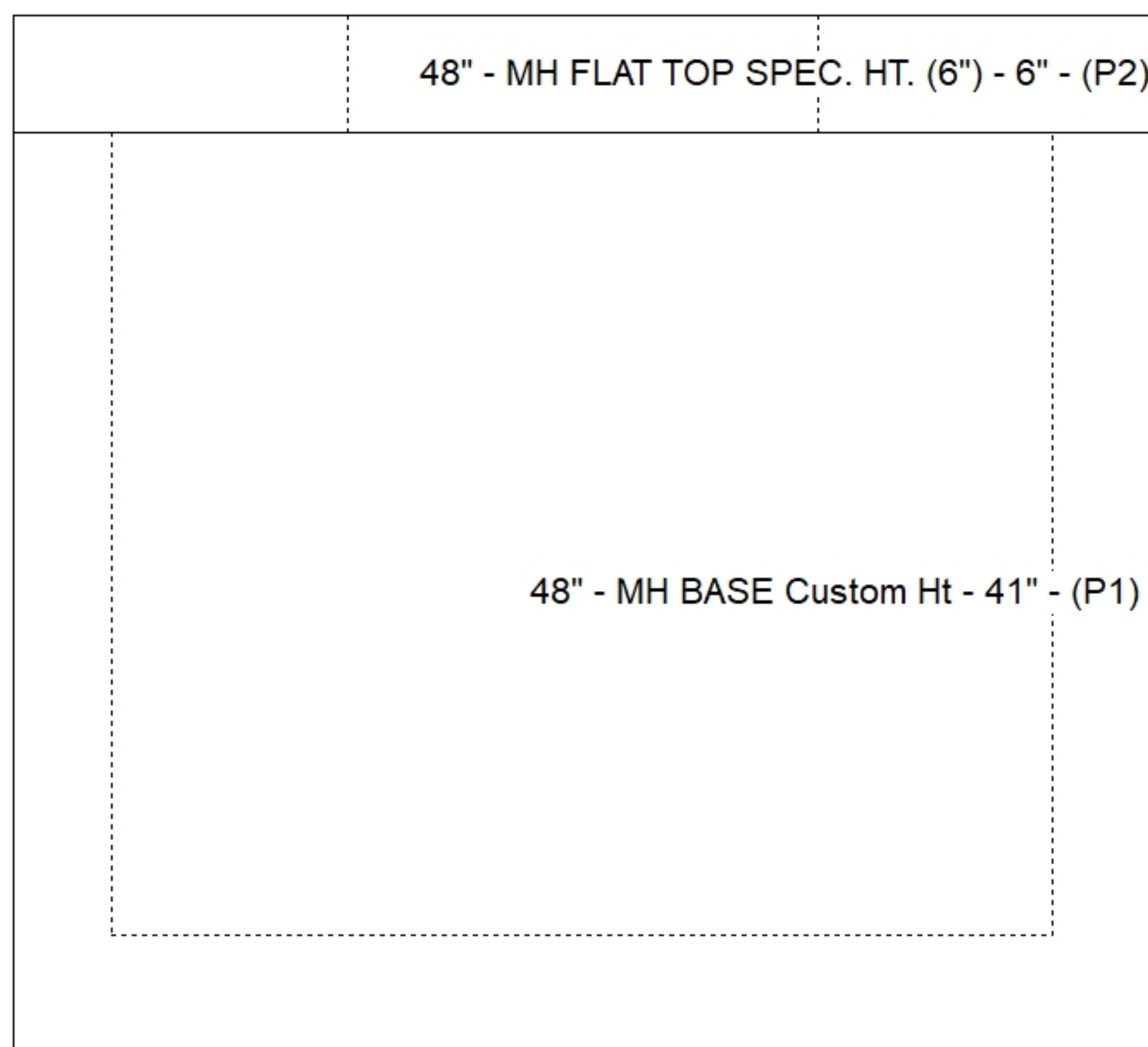
- Structure Notes:**
- JR HOE MCS-288 STORM PROVIDED BY ICAST.
  - PER ASTM C478 SPECIFICATIONS.
  - CONCRETE = 4,000 PSI AT 28 DAYS.
  - REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
  - CASTING FRAME TO BE CAST INTO THE TOP SLAB.

**STRUCTURE SUMMARY:**

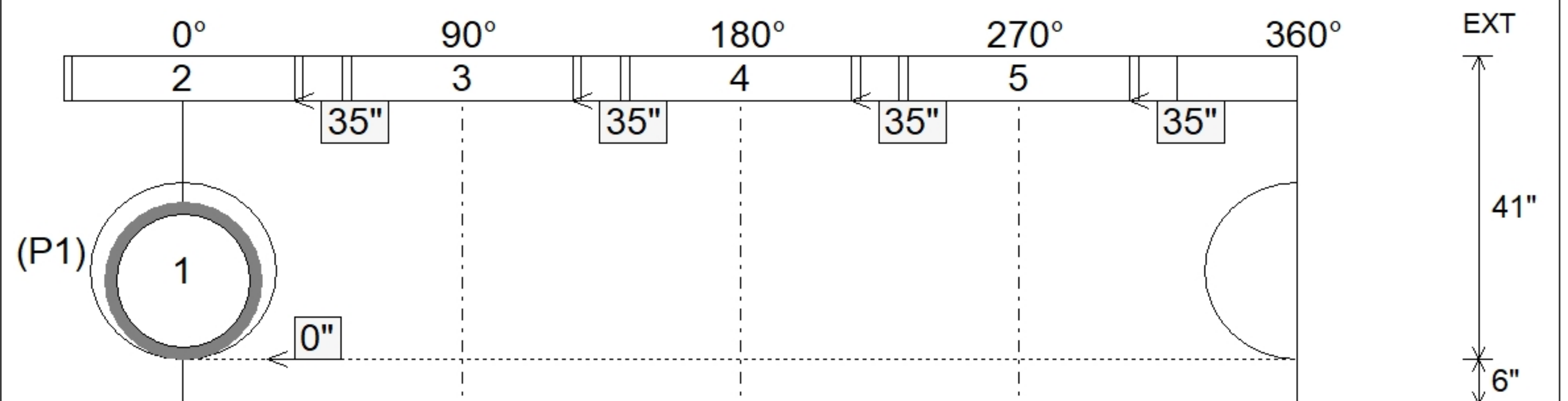
P2) 48" - MH FLAT TOP SPEC. HT. (6") - 6"	1102 lb
P1) 48" - MH BASE Custom Ht - 41"	3675 lb
1) CASTING - HOE MCS-288 Cover Storm	125 lb
1) CASTING - HOE MCS-288 Frame	123 lb
1) 48" - SGL 1"x14.5' Butyl (2x)	0 lb
1) Hole - 24	0 lb
4) Horiz Slot - 30"x6"	0 lb
3) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>5026 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	402.9'							
Reducer								
Invert 1	399.07'	0°	18" HDPE	21.2"	24"	Hole 24	0"	P1
Invert 2	401.853'	0°	30" x 6" Horiz Slot	30" x 6"	30" x 6"	Horiz Slot 30"x6"	35"	P1
Invert 3	401.853'	90°	30" x 6" Horiz Slot	30" x 6"	30" x 6"	Horiz Slot 30"x6"	35"	P1
Invert 4	401.853'	180°	30" x 6" Horiz Slot	30" x 6"	30" x 6"	Horiz Slot 30"x6"	35"	P1
Invert 5	401.853'	270°	30" x 6" Horiz Slot	30" x 6"	30" x 6"	Horiz Slot 30"x6"	35"	P1
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
 10/9/2025 10:40:15 AM

SUBMITTAL  
 APPROVED BY: