

Contractor: Contech Engineering Solutions

PC:	C. Goff
TECH:	S. Felletter
Plant: Beaver Dam	



Spec: Storm-Pipe Centered
Type: STM.MH
Size: 144"

Rim: 754.15'	Sump: 108.036"
Invert: 745.09'	Floor (Top): 736.087'
Rim to Invert: 9.06'	Floor Height: 14"

Floor (Bot): 734.92'
Overall Height: 18.917'
Slack: 3.756"

Structure Notes: .
4" CASTING BY OTHERS

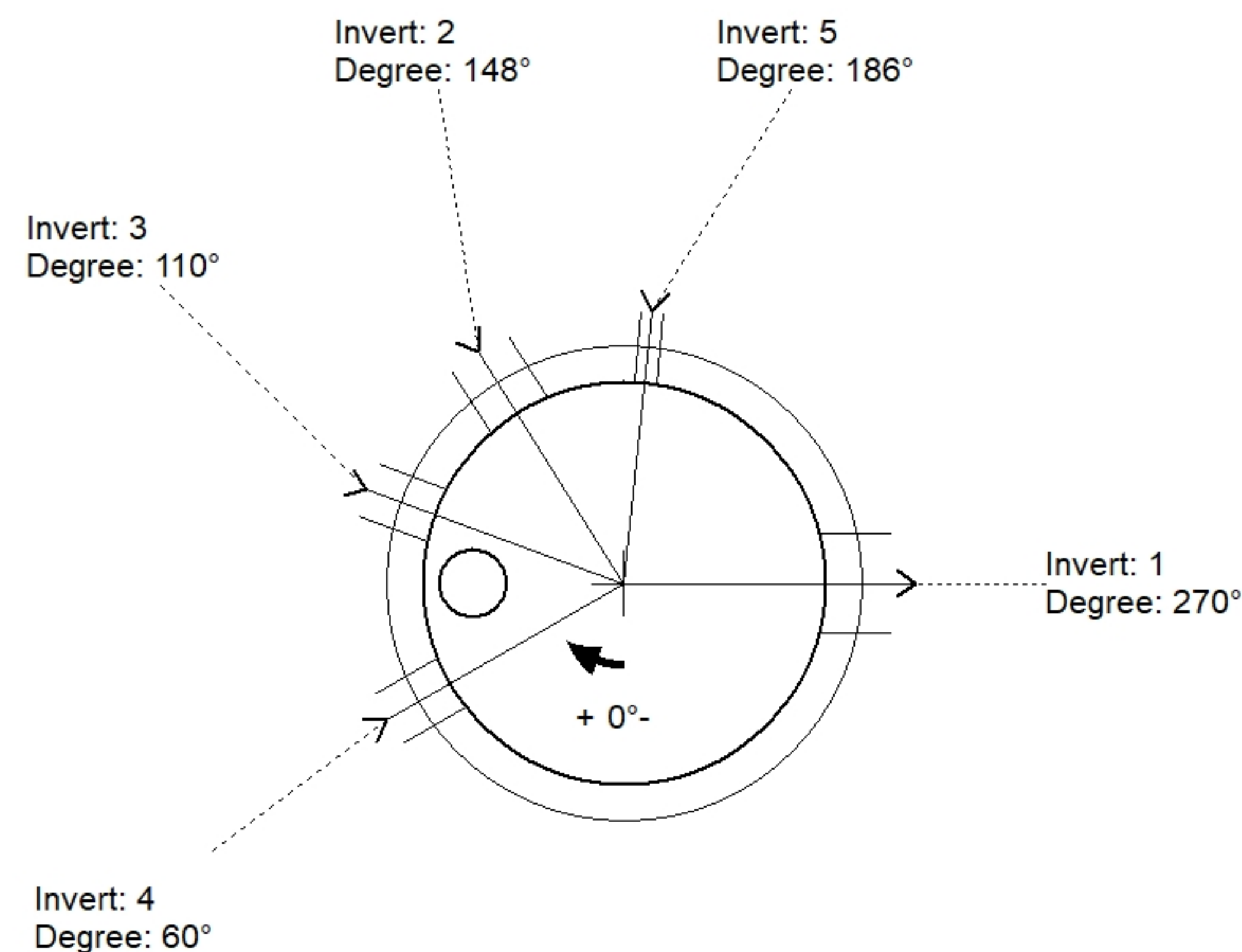
LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE

ICAST TO INSTALL BRACKETS ONLY

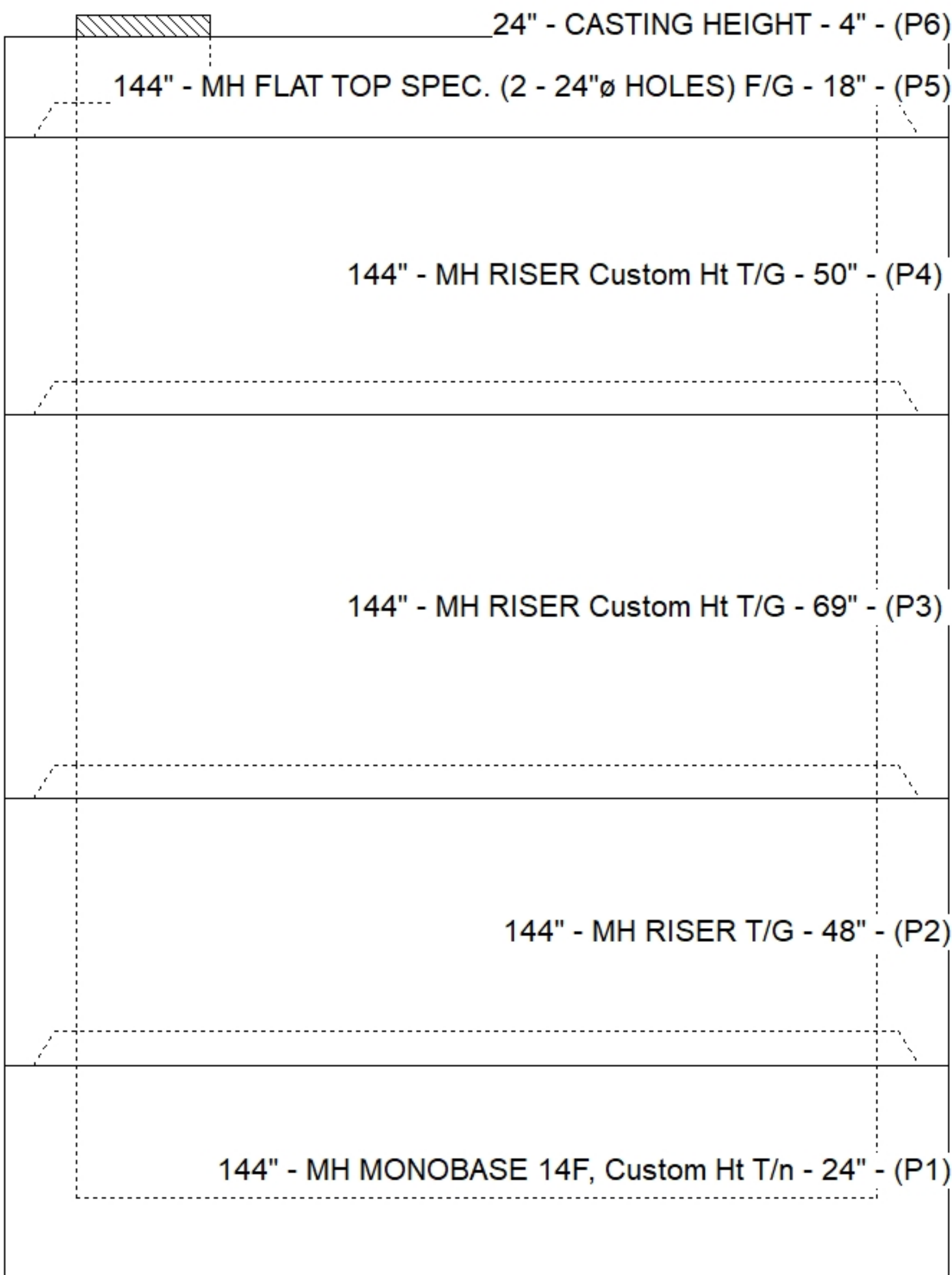
CONTECH'S LOGO AS WELL AS THE
INLET AND OUTLET MUST BE
STENCILED ONTO THE STRUCTURE

STRUCTURE SUMMARY:

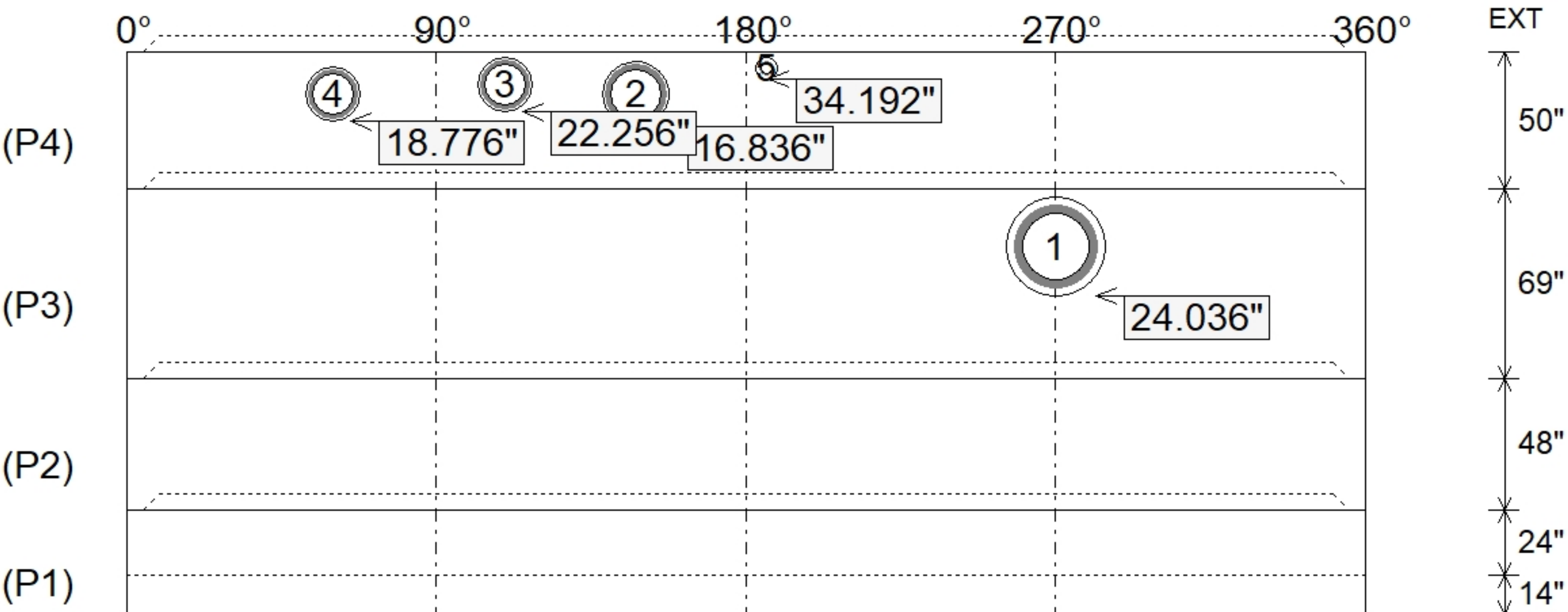
P6) 24" - CASTING HEIGHT - 4"	0 lb
P5) 144" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) F/G - 18"	23623 lb
P4) 144" - MH RISER Custom Ht T/G - 50"	25664 lb
P3) 144" - MH RISER Custom Ht T/G - 69"	36004 lb
P2) 144" - MH RISER T/G - 48"	25826 lb
P1) 144" - MH MONOBASE 14F, Custom Ht T/n - 24"	39578 lb
1) ASSEMBLY REQUIRED - BRACKETS ONLY	0 lb
1) CVSTENCILING	0 lb
4) 144" - Conseal CS-102 1.00"	0 lb
1) 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 36	0 lb
1) Hole - 24	0 lb
2) Hole - 20	0 lb
1) Hole - 8	0 lb
Structure Total:	150696 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	754.15'							
Reducer								
Invert 1	745.09'	270°	24" RCP B WALL	30"	36"	Hole 36	24.036"	P3
Invert 2	749.99'	148°	18" ADS N-12	22"	24"	Hole 24	16.836"	P4
Invert 3	750.4'	110°	15" ADS N-12	18"	20"	Hole 20	22.256"	P4
Invert 4	750.11'	60°	15" HDPE	17.6"	20"	Hole 20	18.776"	P4
Invert 5	751.353'	186°	4" HDPE	4.8"	8"	Hole 8	34.192"	P4
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
7/8/2026 9:13:28 AM

SUBMITTAL
APPROVED BY: