

Job Name: 26-2018B Hancock Co Middle School Utility

Job Location: South Lewisport, KY

Contractor: Winwater Hartford KY Co.

Plant: Beaver Dam

10/12/2026 8:19:43 AM

Tech: S. Felletter

PC: A. Chambers



Structure ID: DI-3B ST-MH

P1 MH048BA30

MH BASE F/n

P3) 24" - CASTING HEIGHT - 7"

P2) 48" - MH FLAT TOP w/ 24" Center Hole F/F - 7"

P1) 48" - MH BASE F/n - 30"

1) CASTING - HOE MCB-315-B Fr./Bar Grate

1) 48" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

1) Hole - 16

2) Hole - 14

1) Hole - 6

0 lb

1700 lb

3198 lb

255 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 5153 lb

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. CASTING BY ICAST (HOE MCB-315-B F/ BAR GRATE).

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.

Rim: 414'

Rim to Invert: 3.59'

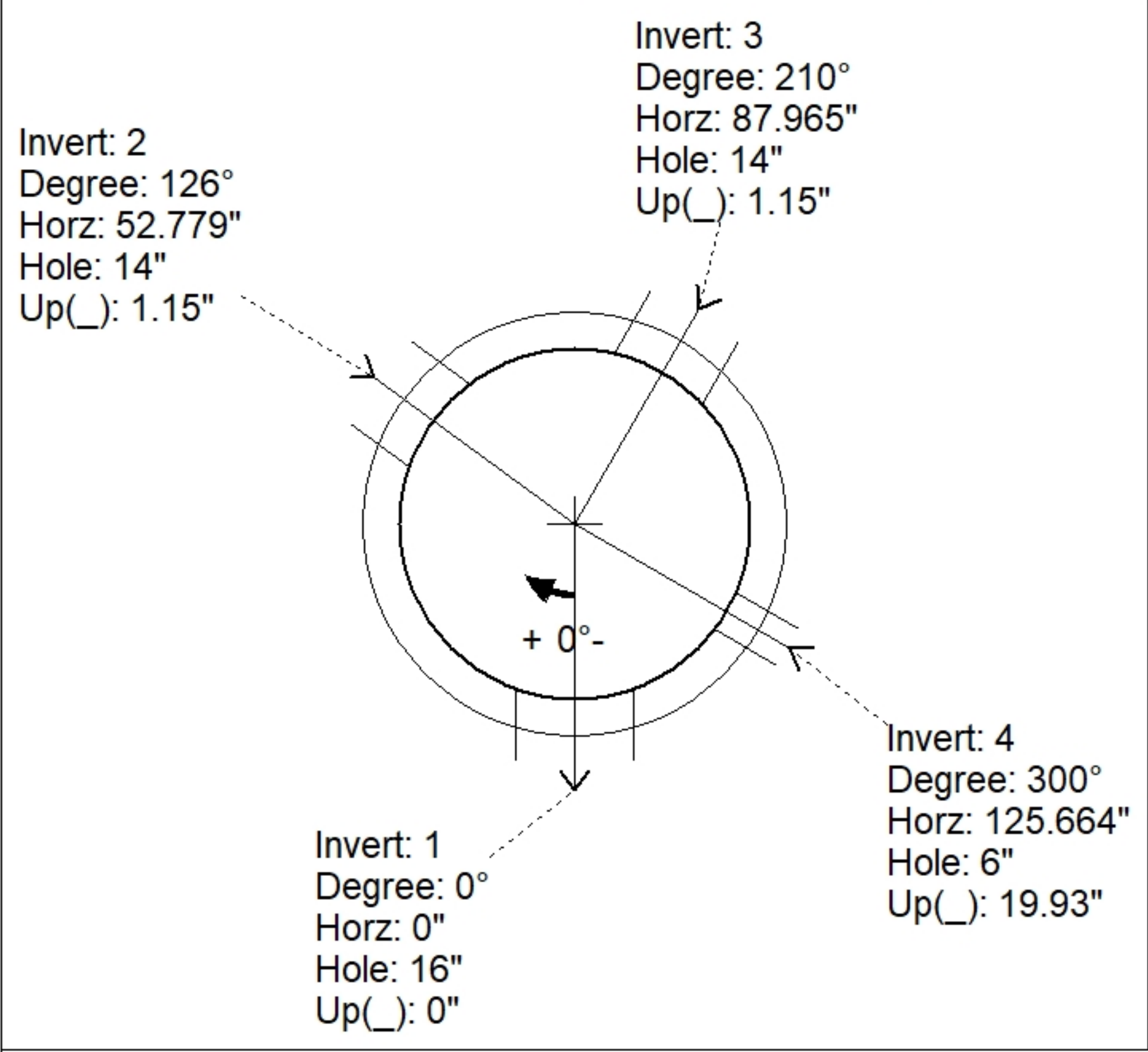
Slack: 0.33"

Sump: 1.25"

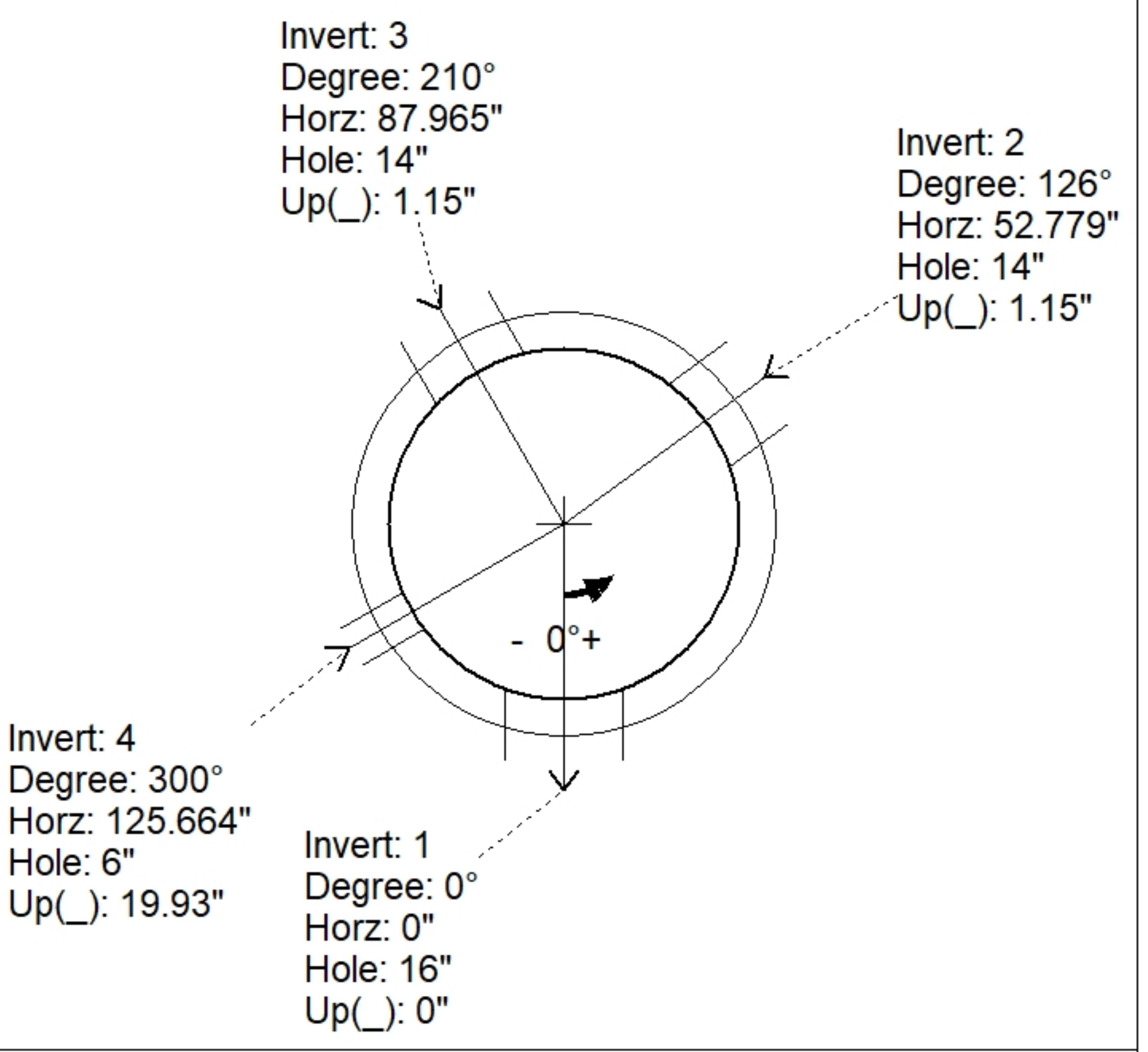
Step Position: 0°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	410.41'	0°	0"	12" HDPE	14.5"	Hole 16	16"	16.312"	0"	0"
Invert 2	410.46'	126°	63.774"	10" HDPE	11.4"	Hole 14	14"	14.207"	1.15"	0"
Invert 3	410.46'	210°	106.291"	10" HDPE	11.4"	Hole 14	14"	14.207"	1.15"	0"
Invert 4	412'	300°	151.844"	4" HDPE	4.8"	Hole 6	6"	6.016"	19.93"	0"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

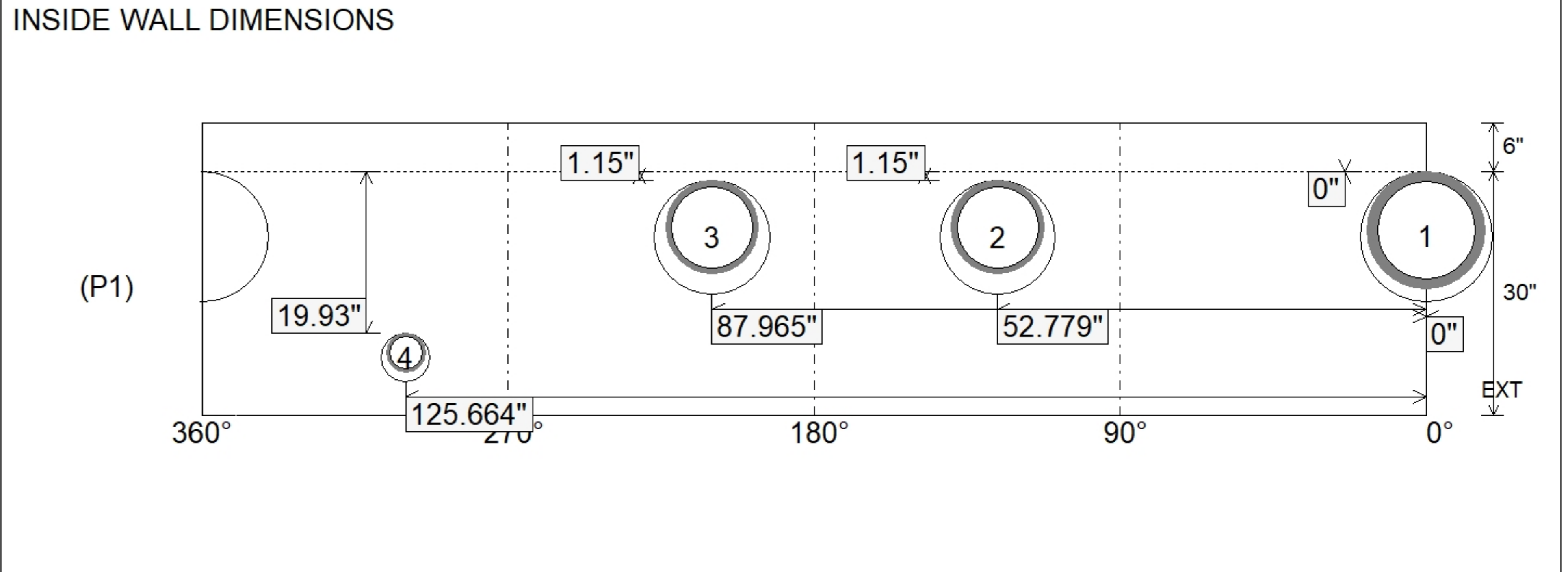
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 30"

Height (Ext): 36"

Weight (Net): 3198 lb

Volume (Net): 0.82cu.yd

(P3)

(P2)

(P1) <<