

Job Name: 25-0202 Bedford GM ARV	Plant: Beaver Dam	Tech: C.Russ	
Job Location: Bedford, IN Contractor: Deig Bros Lumber & Construction Co, Inc.	10/16/2025 7:57:48 PM	PC: E.Bradley	

**Structure ID: ARV VAULT OPT 2**

**P2 BX072072-08RSVF**

**BOX RISER 8inW, Variable Ht F/F**

P4) 42" - CASTING HEIGHT - 8"	0 lb
P3) 72" x 72" - CB FLAT TOP 8"W w/42" HOLE F/F - 8"	4268 lb
P2) 72" x 72" - BOX RISER 8inW, Variable Ht F/F - 40"	8433 lb
P1) 72" x 72" - P.I.P. BY OTHERS - BTM SLAB F/n - 0"	0 lb
2) DOGHOUSE - 8"x12"	0 lb
3) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>12702 lb</b>

**Structure Notes:**

- PER ASTM C913 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- NO INVERT CHANNEL.
- HOE EJ-1986 BY ICAST

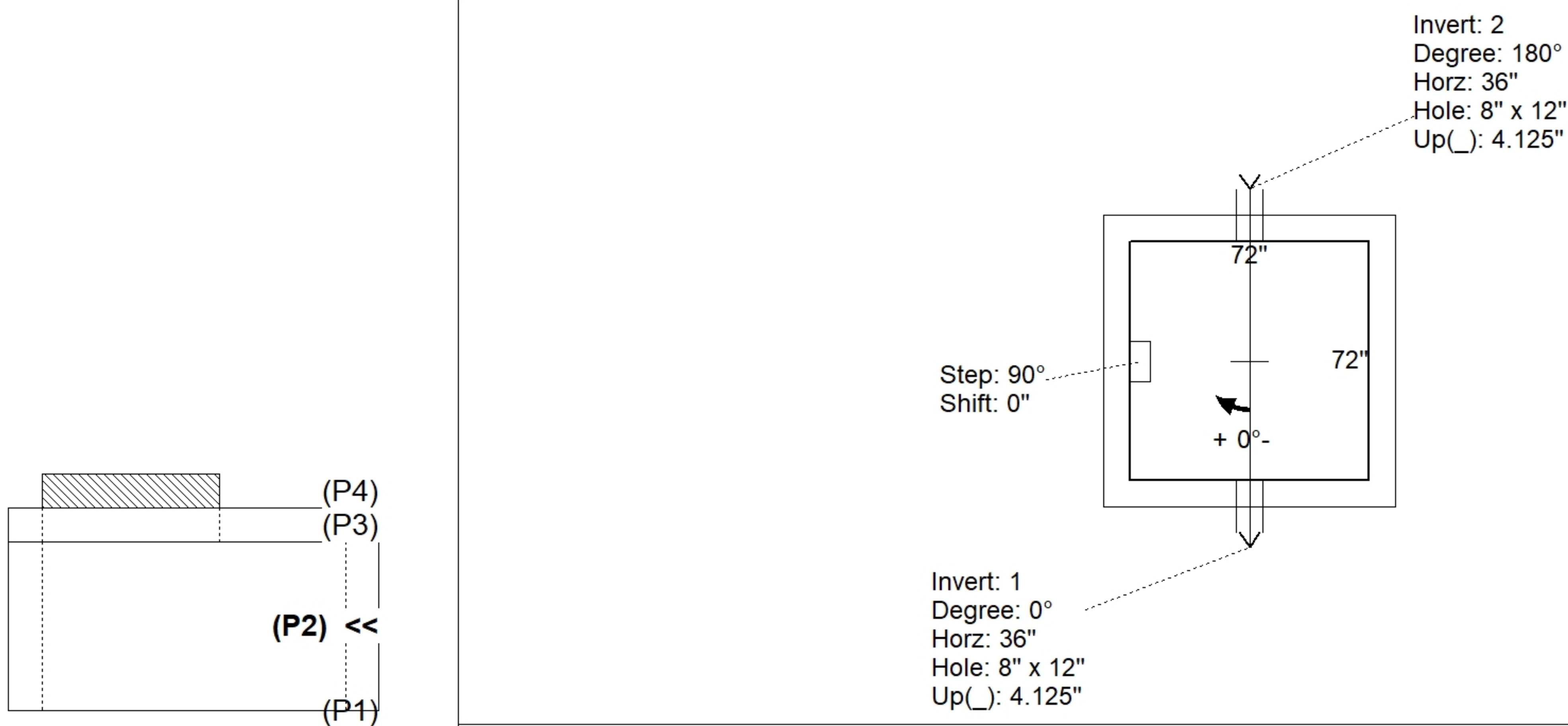
REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- WALLS (As 31) #5 BARS AT 12" C.C.E.W.

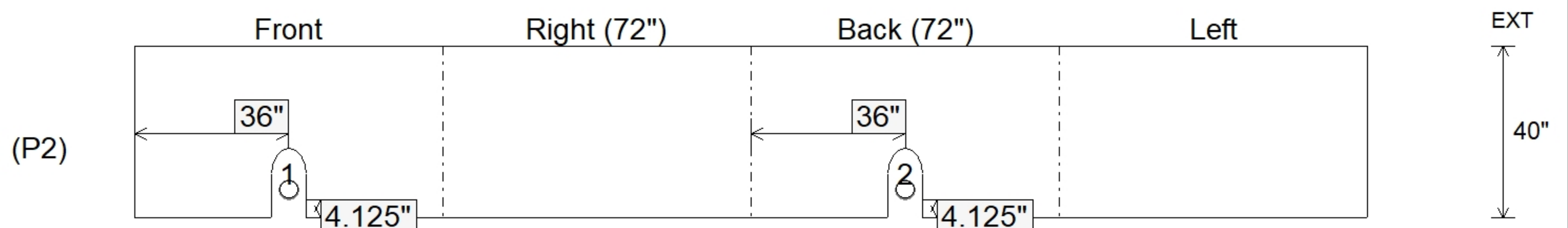
Rim: 4.5'    Rim to Invert: 4.5'    Slack: 2.5"    Sump: 4.5"    Step Position: 90°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	0'	0°	44"	4" HDPE	4.8"	DOGHOUSE 8"x12"	8" x 12"	8"	4.125"	0"
Invert 2	0'	180°	44"	4" HDPE	4.8"	DOGHOUSE 8"x12"	8" x 12"	8"	4.125"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

**RIGHT-SIDE UP VIEW (int. dimensions)**



**INSIDE WALL DIMENSIONS**



Coating (Int):	Seam Up: Flat	Wall Thickness: 8"	Height (Int): 40"	Weight (Net): 8433 lb
Coating (Ext):	Seam Dn: Flat	Floor Height: 0"	Height (Ext): 40"	Volume (Net): 2.15cu.yd