

**Job Name: 25-1137B - East Bank Regional Pump Station**

**Job Location: Nashville, TN**

**Contractor: Garney Companies, Inc.**

PC: J. Jarvis

TECH: J. Coppage

Plant: Beaver Dam



Structure ID: **Flow Meter Vault**

Spec: Sanitary

Type: Meter Vault 8inW, 8inF w/ Xypex (open btm)

Size: 72" x 108"

Rim: 417.25'

Invert: 409.6'

Rim to Invert: 7.65'

Sump: 13.2"

Floor (Top): 408.5'

Floor Height: 0"

Floor (Bot): 408.5'

Overall Height: 8.75'

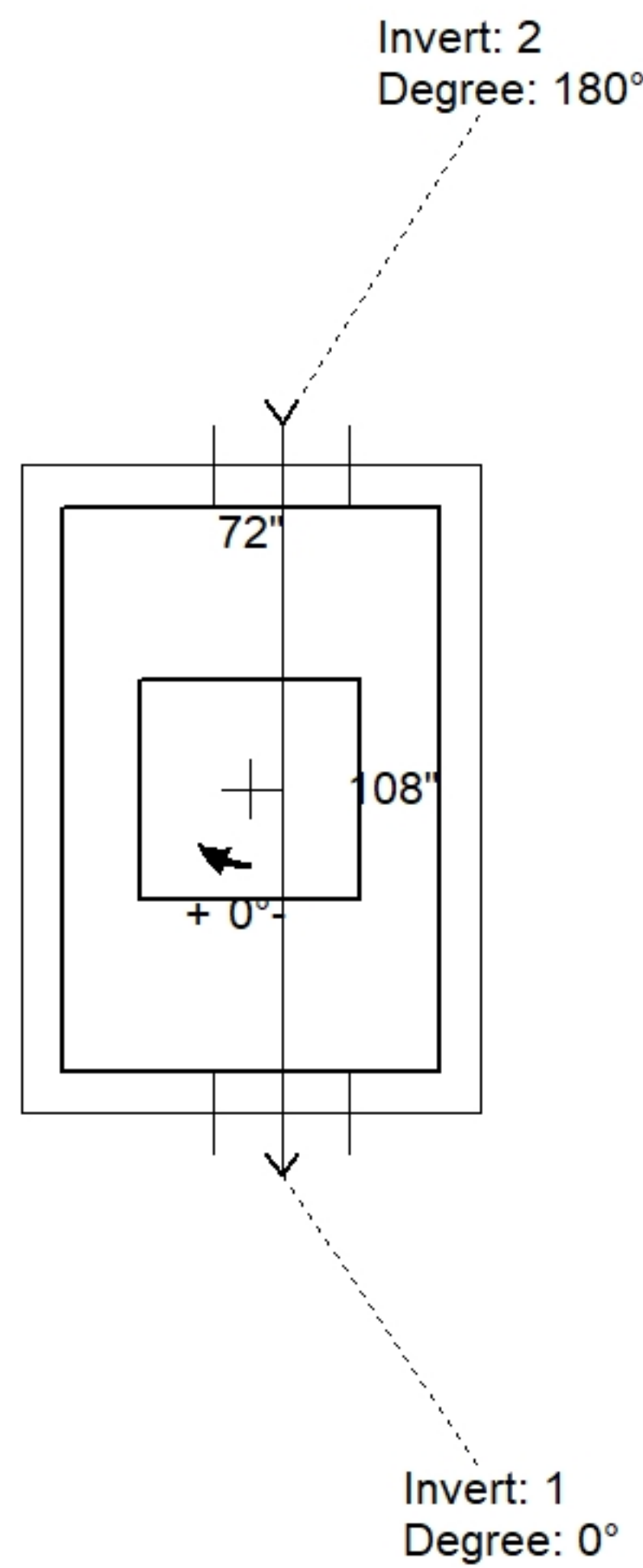
Slack: 0"

Structure Notes:

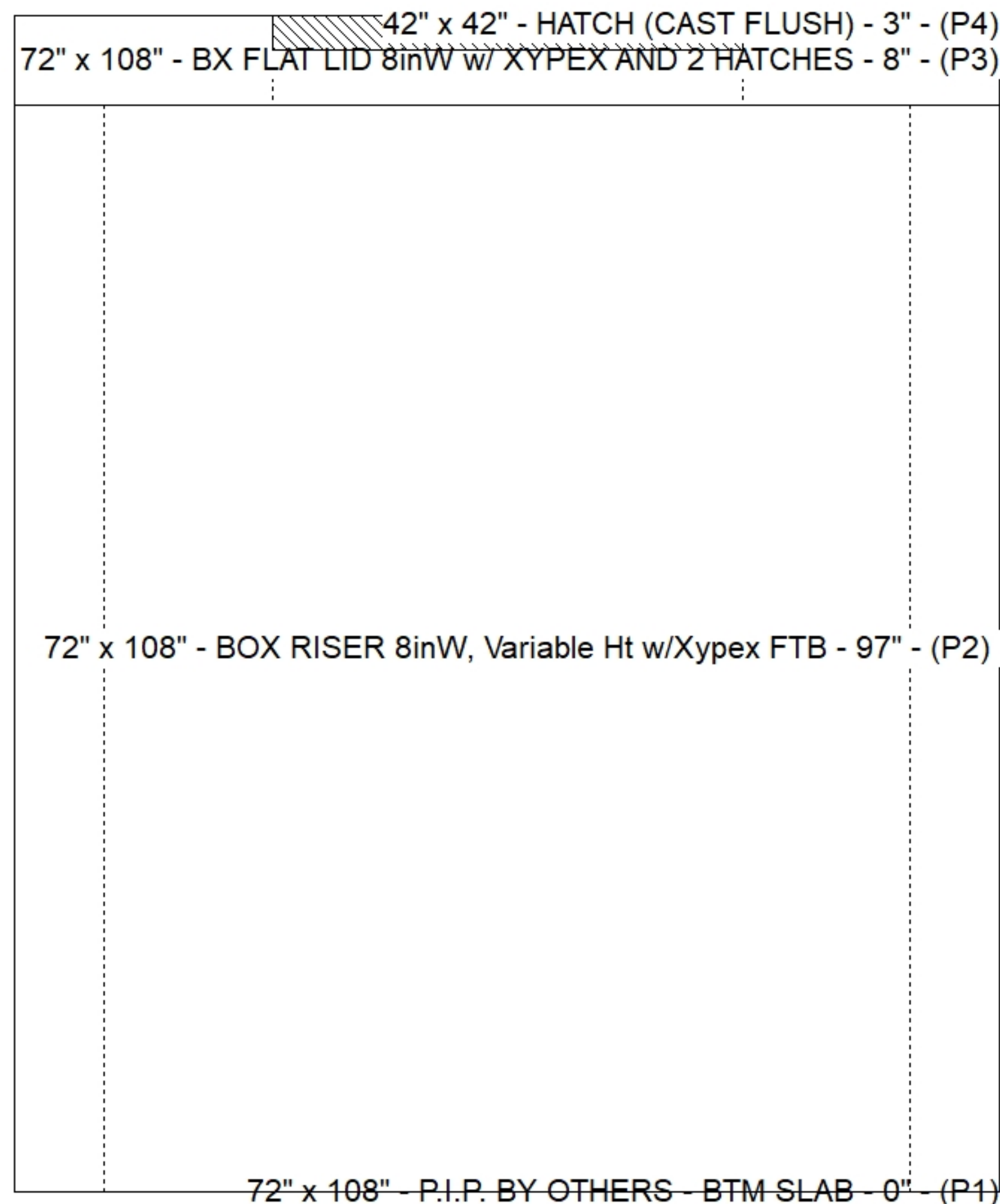
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,500 PSI AT 28 DAYS.
3. XYPEX ADMIXTURE REQUIRED.
4. REINFORCING: PER ASTM A615 (GRADE 60).
5. HALLIDAY F1H 42" X 42" HATCH AND HALLIDAY F1H 30" X 30" HATCH PROVIDED BY ICAST.
6. ALL HATCHES TO HAVE FALL PROTECTION.
7. TOP SLAB TO HAVE MINIMUM 1/4" CROWNED SLOPE PER FOOT AND A BRUSH FINISH.
8. HATCHES TO BE CAST IN TOP SLAB.

STRUCTURE SUMMARY:

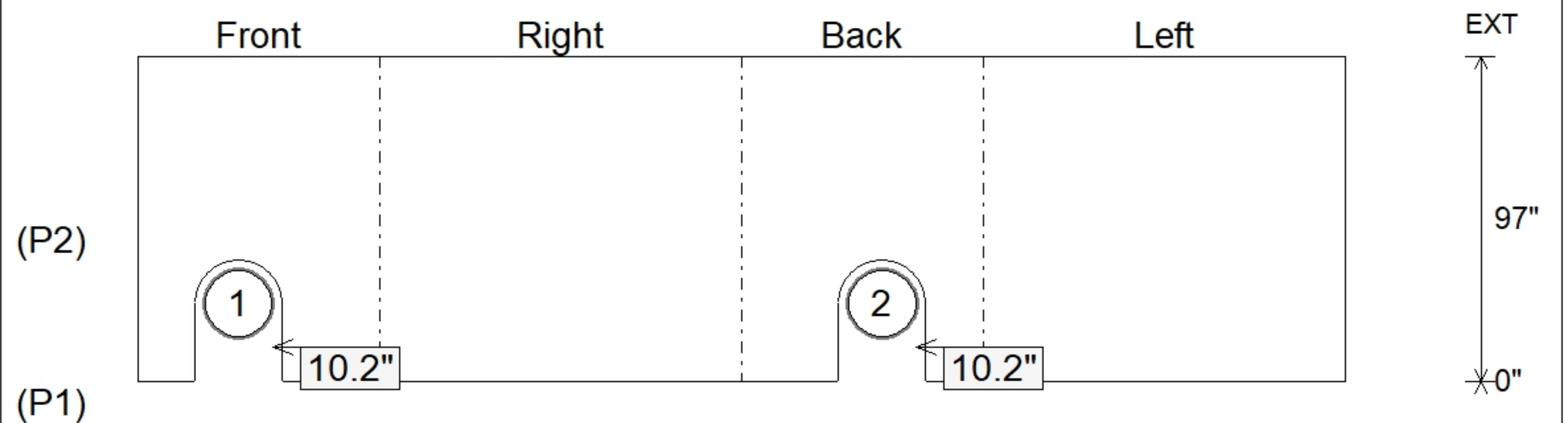
P4) 42" x 42" - HATCH (CAST FLUSH) - 3"	100 lb
P3) 72" x 108" - BX FLAT LID 8inW w/ XYPEX AND 2 HATCHES - 8"	5536 lb
P2) 72" x 108" - BOX RISER 8inW, Variable Ht w/Xypex FTB - 97"	24359 lb
P1) 72" x 108" - P.I.P. BY OTHERS - BTM SLAB - 0"	0 lb
2) DOGHOUSE - 26"x26"	0 lb
<b>Structure Total:</b>	<b>29995 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	417.25'							
Reducer								
Invert 1	409.6'	0°	20" DI	21.375"	26" x 26"	DOGHOUSE 26"x26"	10.2"	P2
Invert 2	409.6'	180°	20" DI	21.375"	26" x 26"	DOGHOUSE 26"x26"	10.2"	P2
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
1/8/2026 2:28:30 PM

SUBMITTAL  
APPROVED BY: