

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: Bypass Vault

Spec: Sanitary

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

Size: 72" x 108"

Rim: 417.25'

Invert: 409.64'

Rim to Invert: 7.61'

Sump: 13.68"

Floor (Top): 408.5'

Floor Height: 0"

Floor (Bot): 408.5'

Overall Height: 8.75'

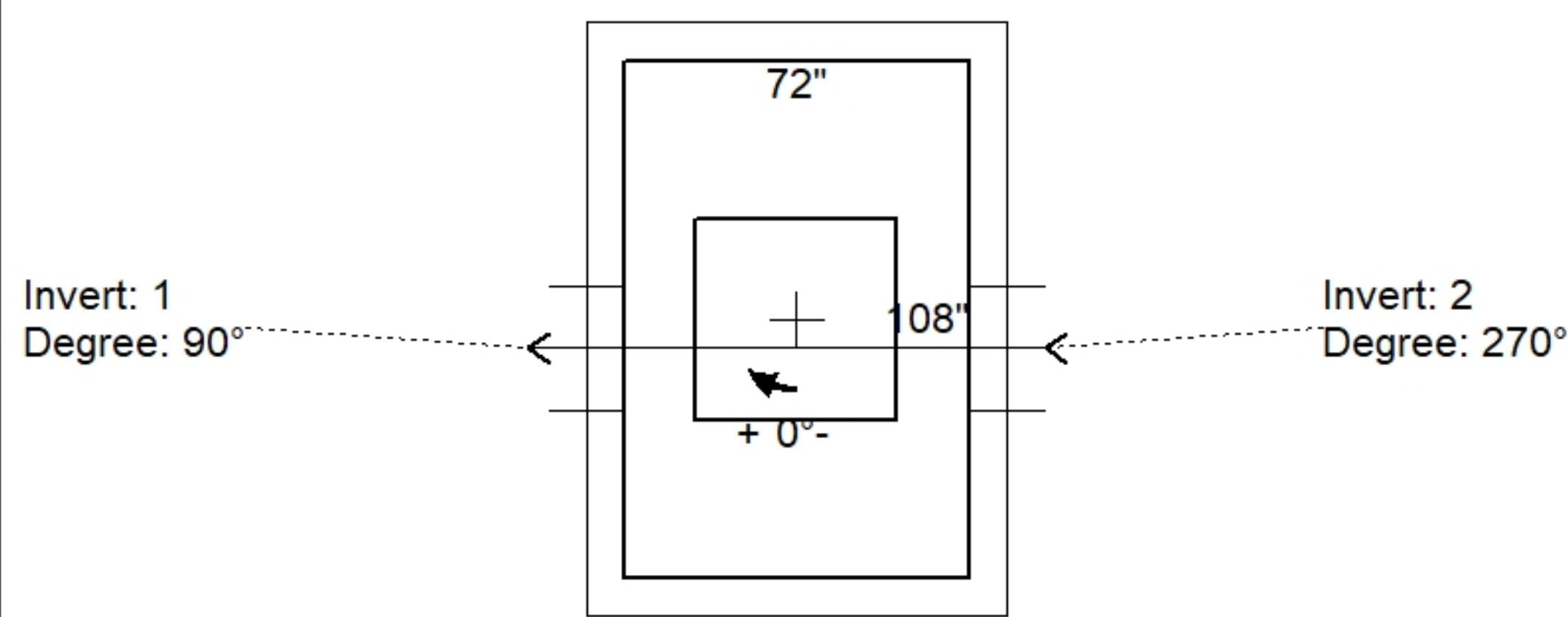
Slack: 0"

Structure Notes:

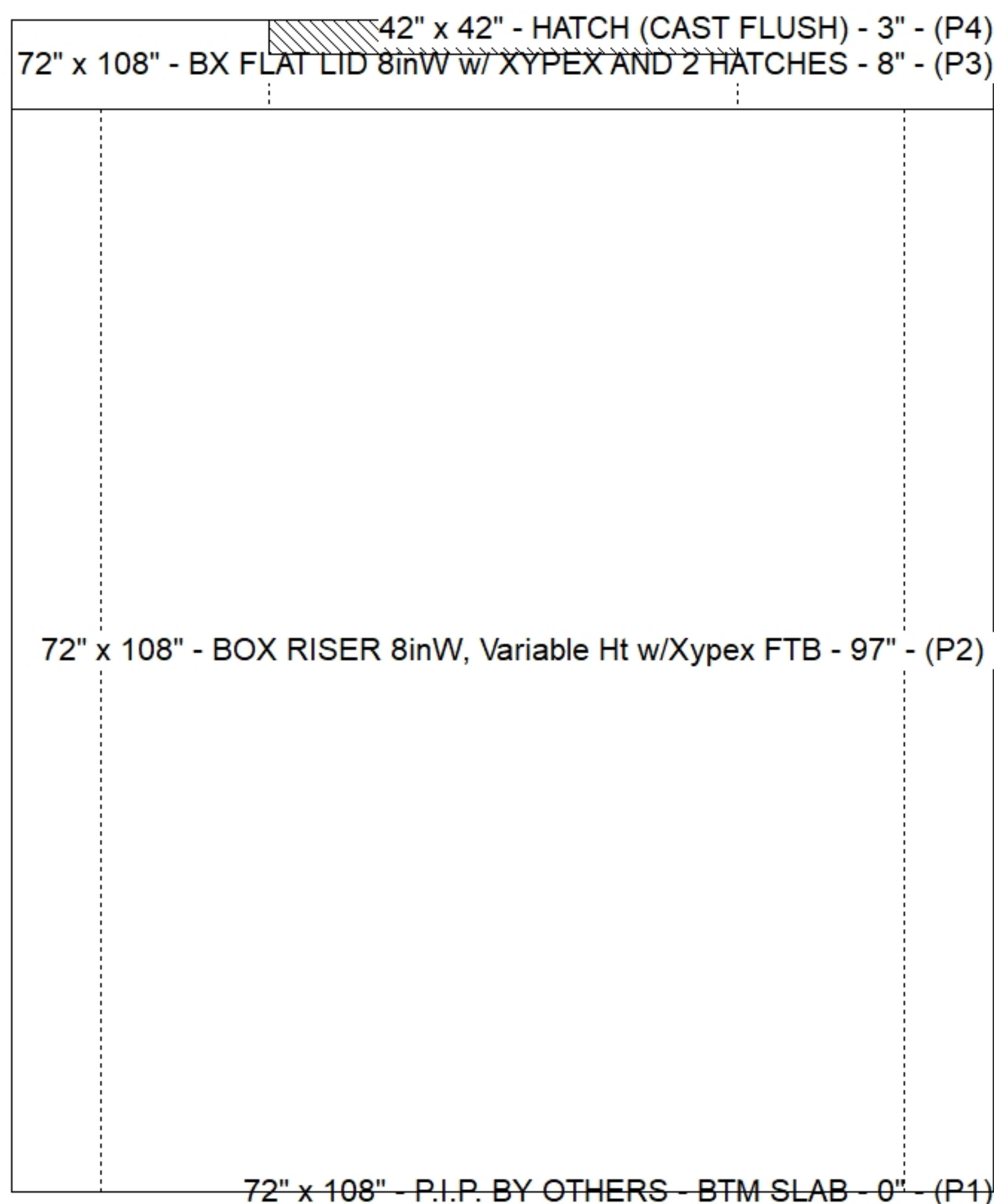
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 4,500 PSI AT 28 DAYS.
3. XYPEX ADMIXTURE REQUIRED.
4. REINFORCING: PER ASTM A615 (GRADE 60).
5. HALLIDAY F1H 36" X 36" HATCH AND HALLIDAY F1H 30" X 30" HATCH PROVIDED BY ICAST.
6. ALL HATCHES TO HAVE FALL PROTECTION.
7. TOP SLAB TO HAVE MINIMUM 1/4" CROWNED SLOPE PER FOOT AND A BRUSH FINISH.
8. HATCHES TO BE CAST IN TOP SLAB.

STRUCTURE SUMMARY:

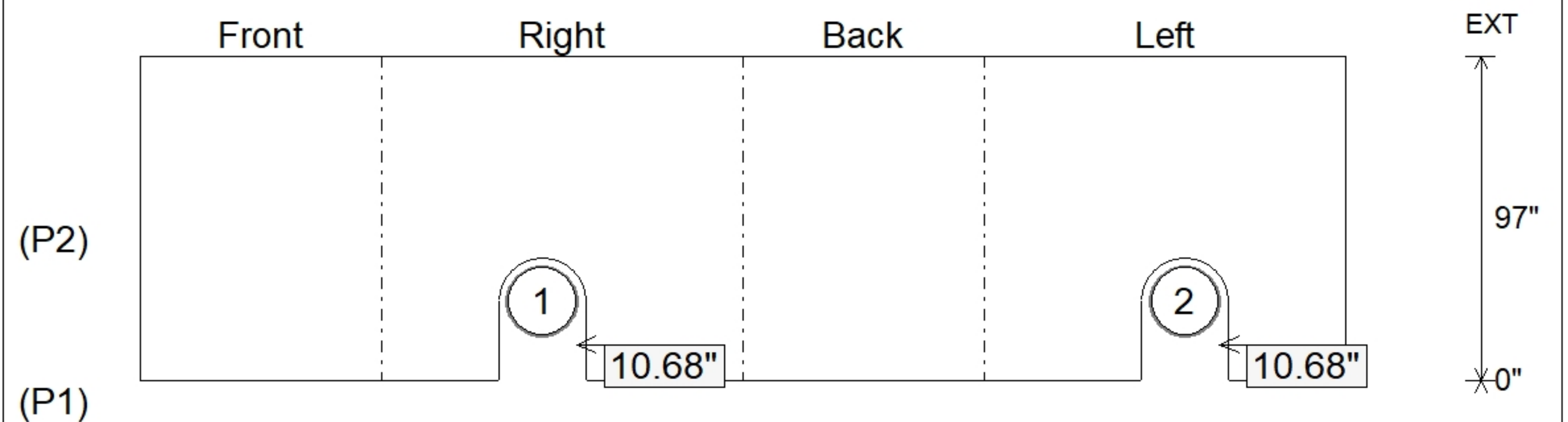
P4) 42" x 42" - HATCH (CAST FLUSH) - 3"	100 lb
P3) 72" x 108" - BX FLAT LID 8inW w/ XYPEX AND 2 HATCHES - 8"	5536 lb
P2) 72" x 108" - BOX RISER 8inW, Variable Ht w/Xypex FTB - 97"	24342 lb
P1) 72" x 108" - P.I.P. BY OTHERS - BTM SLAB - 0"	0 lb
2) DOGHOUSE - 26"x26"	0 lb
Structure Total:	29978 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	417.25'							
Reducer								
Invert 1	409.64'	90°	20" DI	21.375"	26" x 26"	DOGHOUSE 26"x26"	10.68"	P2
Invert 2	409.64'	270°	20" DI	21.375"	26" x 26"	DOGHOUSE 26"x26"	10.68"	P2
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: