

**Job Name: 26-1183 - Danco Regional Facility**  
**Job Location: Owensboro, KY**  
**Contractor: Danco Construction, Inc.**

PC: T. Lewis  
 TECH: Jared - F  
 Plant: 100



Structure ID: AD 107

Spec: Storm  
 Type: BX 6inW, 6inF  
 Size: 30" x 30"

Rim: 395'  
 Invert: 390.92'  
 Rim to Invert: 4.08'

Sump: 1.875"  
 Floor (Top): 390.764'  
 Floor Height: 6"

Floor (Bot): 390.264'  
 Overall Height: 4.667'  
 Slack: 0.835"

**Structure Notes:**

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE 468 F/G)

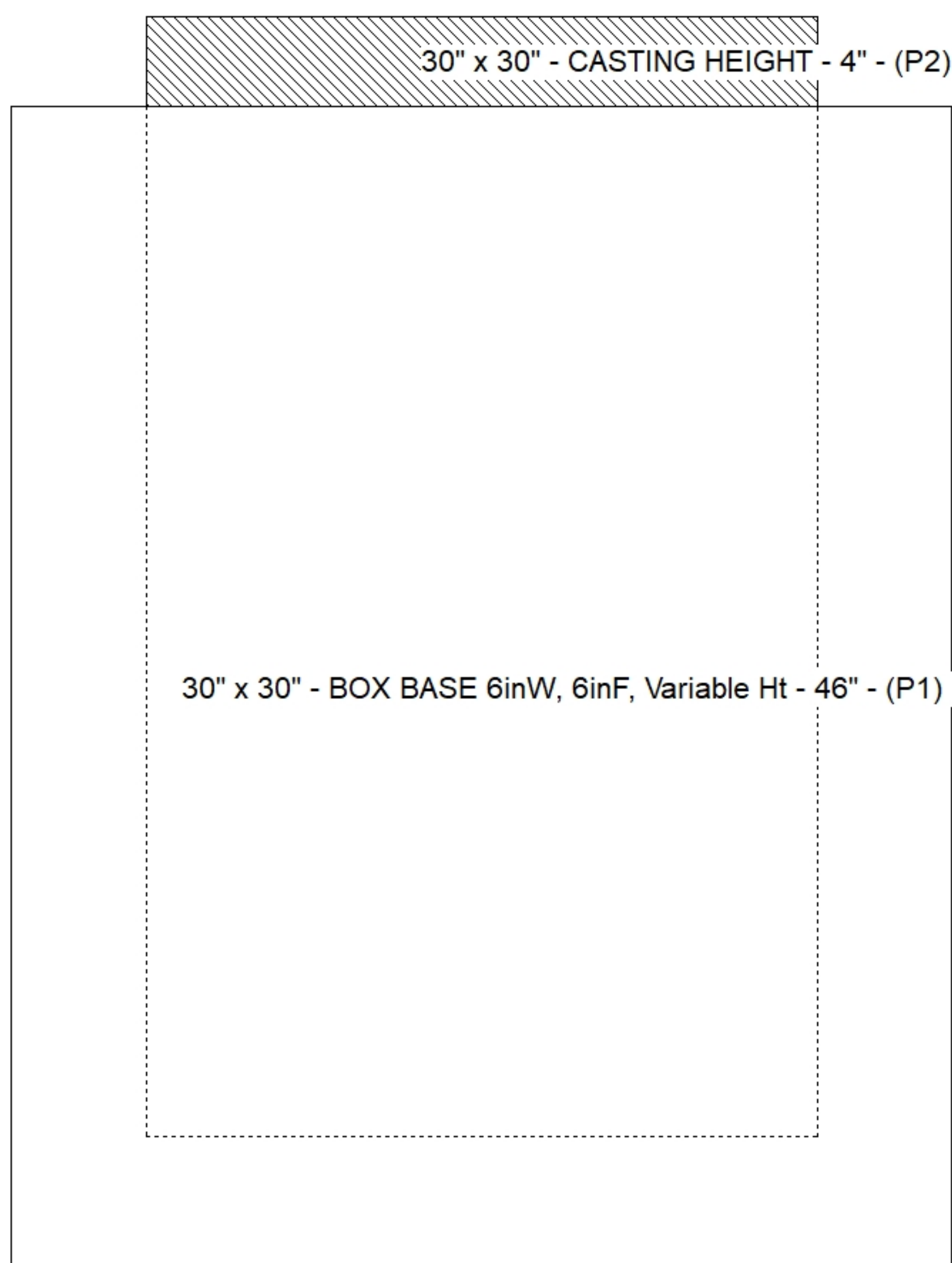
REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

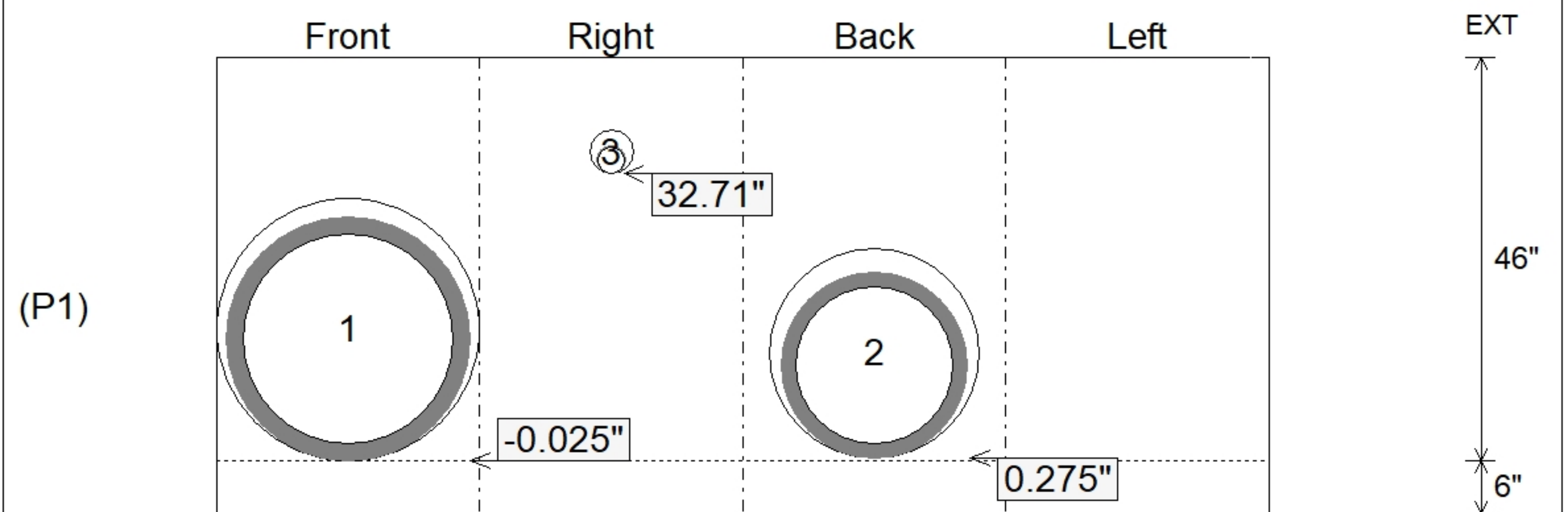
P2) 30" x 30" - CASTING HEIGHT - 4"	0 lb
P1) 30" x 30" - BOX BASE 6inW, 6inF, Variable Ht - 46"	3719 lb
1) CASTING - HOE 468 F/G	489 lb
1) 30" x 30" - Conseal CS-102 1.00"	0 lb
1) Hole - 30	0 lb
1) Hole - 24	0 lb
1) Hole - 5	0 lb
<b>Structure Total:</b>	<b>4208 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	395'							
Reducer								
Invert 1	390.92'	0°	24" HDPE	27.8"	30"	Hole 30	-0.025"	P1
Invert 2	390.92'	180°	18" HDPE	21.2"	24"	Hole 24	0.275"	P1
Invert 3	393.5'	90°	3" PVC SDR35	3.25"	5"	Hole 5	32.71"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
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SUBMITTAL  
 APPROVED BY: