

Job Name: 25-2505 HEATH ELEMENTARY
Job Location: Paducah, Ky
Contractor: Parker Excavating, LLC.

PC: E. Bradley
 TECH: C. Russ
 Plant: Beaver Dam



Structure ID: **ST-21**

Spec: Storm
 Type: BX 8inW, 8inF
 Size: 36" x 36"

Rim: 383.75'
 Invert: 380.16'
 Rim to Invert: 3.59'

Sump: 0"
 Floor (Top): 380.16'
 Floor Height: 8"

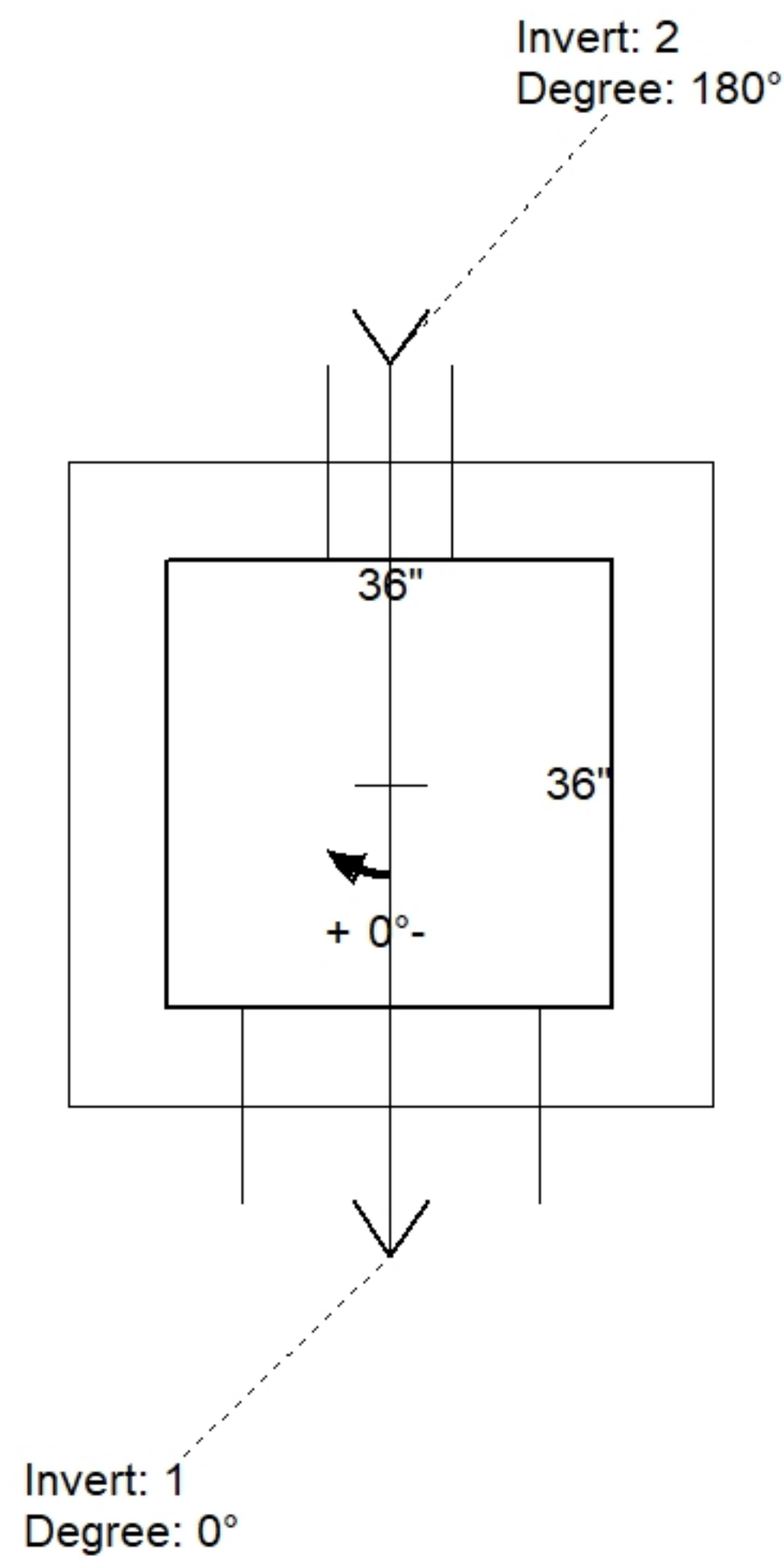
Floor (Bot): 379.493'
 Overall Height: 4.25'
 Slack: 0.08"

Structure Notes:

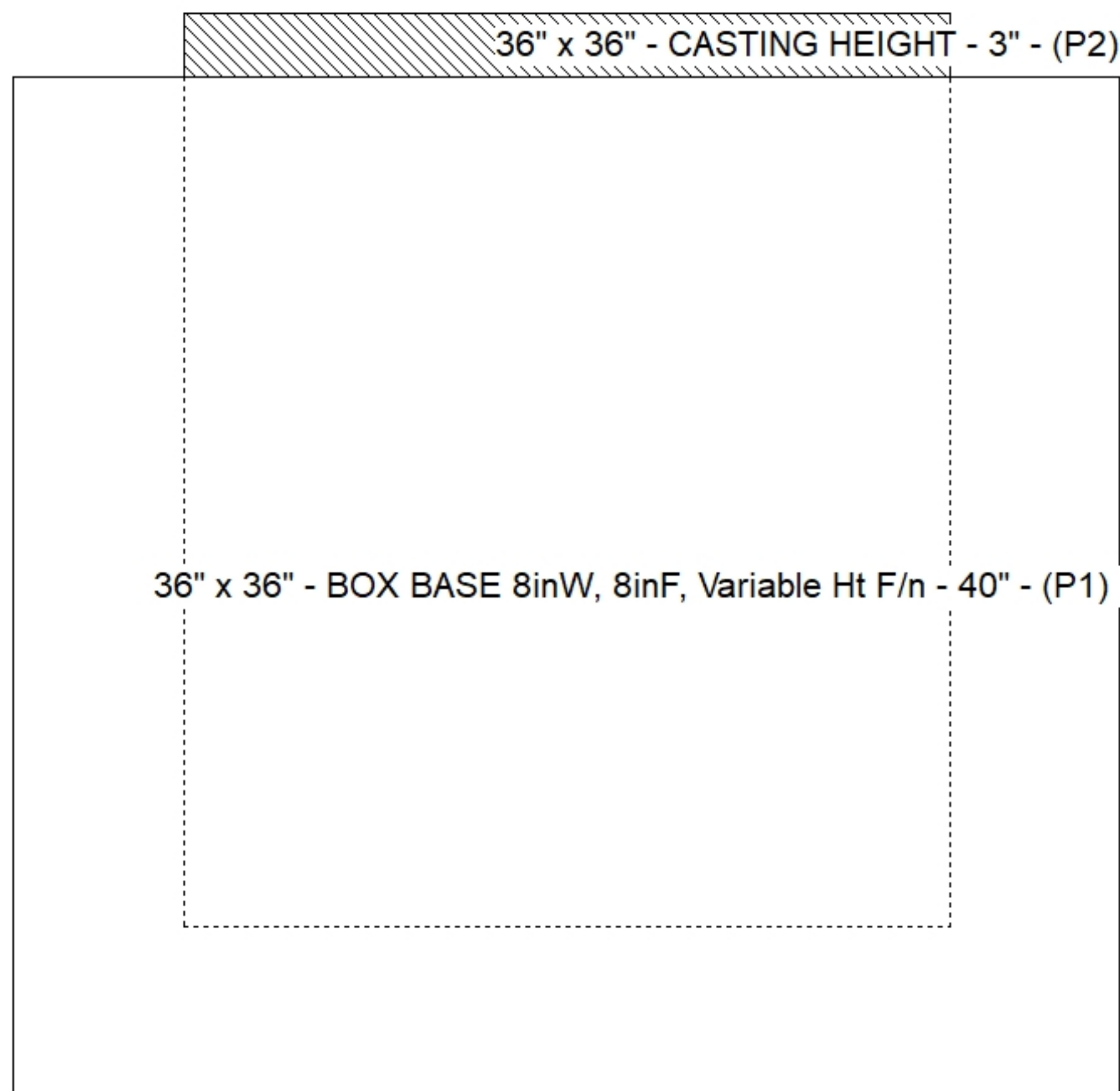
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. HOE 595 PROVIDED BY ICAST
- REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

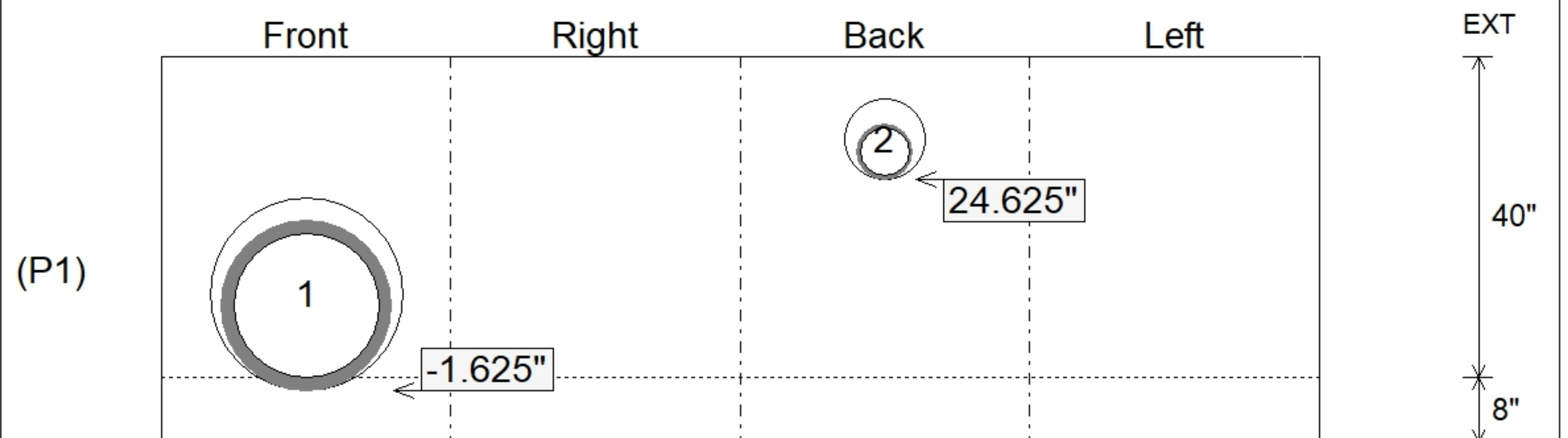
P2) 36" x 36" - CASTING HEIGHT - 3"	0 lb
P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 40"	6185 lb
1) CASTING - HOE 595 F/G	376 lb
1) 36" x 36" - SGL 1"x14.5' Butyl (2x)	0 lb
1) Hole - 24	0 lb
1) Hole - 10	0 lb
Structure Total:	6561 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	383.75'							
Reducer								
Invert 1	380.16'	0°	18" HDPE	21.2"	24"	Hole 24	-1.625"	P1
Invert 2	382.25'	180°	6" HDPE	6.9"	10"	Hole 10	24.625"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: