Job Name: 26-1545 - KYTC Boone Co. Camp Ernst Roundabout (ID 3002312)
Job Location: Burlington, KY
Contractor: Lawrence Construction & Leasing, Inc.

RC: J. Jarvis
TECH: J.Horsley
Plant: 100

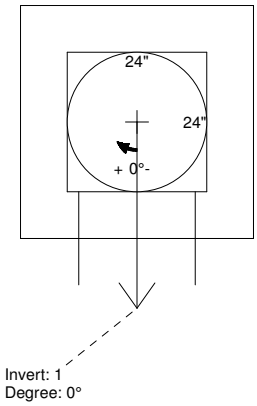
Structure ID: **D3-7 DBI14**

Spec: KYTC	Rim: 887.78'	Sump: 0"	Floor (Bot): 883.073'
Type: DBI TYPE 14	Invert: 883.74'	Floor (Top): 883.74'	Overall Height: 4.667'
Size: 24" x 24"	Rim to Invert: 4.04'	Floor Height: 8"	Slack: 0.48"

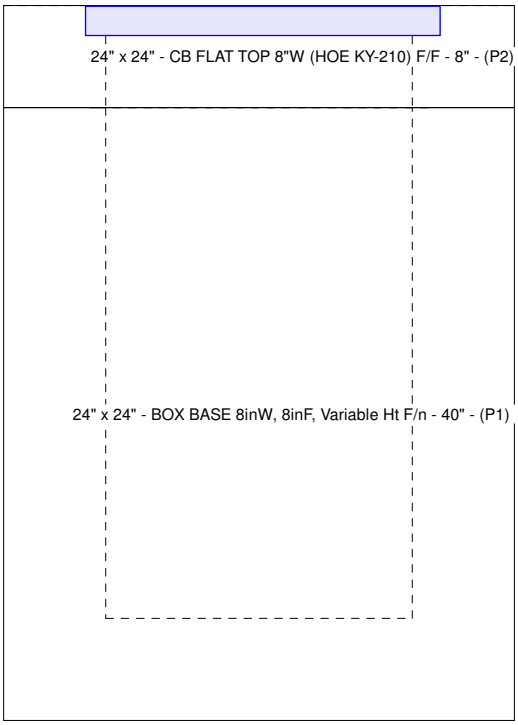
Structure Notes: .
** KYTC STATE PROJECT**
1. KYTC DBI TYPE 14 / ASTM C913 SPECIFICATIONS
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. DBI-14 F/G CAST INTO TOP SLAB (HOE KY-210 F/G).
.
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

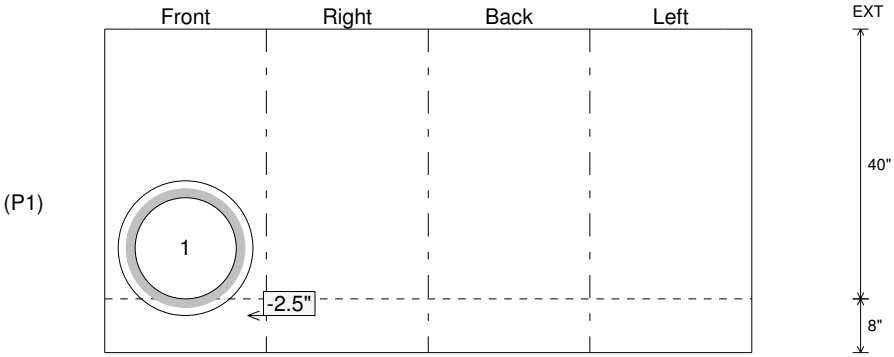
P2) 24" x 24" - CB FLAT TOP 8"W (HOE KY-210) F/F - 8"	770 lb
P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 40"	4300 lb
1) CASTING - HOE KY-210 F/G (DBI 14)	178 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
Structure Total:	5249 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (_)	Ref
Rim	887.78'							
Reducer								
Invert 1	883.74'	0°	15" HDPE	17.6"	20"	Hole 20	-2.5"	P1
Invert 2								
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: