

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

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



Structure ID: **D1-5 CBIB**

Spec: KYTC

Type: CBI TYPE B (10')

Size: 24" x 24"

Rim: 887.27'

Invert: 882.69'

Rim to Invert: 4.58'

Sump: 0"

Floor (Top): 882.69'

Floor Height: 8"

Floor (Bot): 882.023'

Overall Height: 5.167'

Slack: 0.96"

Structure Notes:

** KYTC STATE PROJECT **

1. PER KYTC CBI TYPE B / ASTM C913 SPEC'S.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE KY-345 F/G)

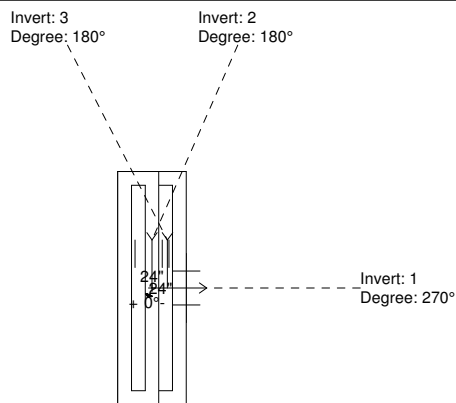
REINFORCING PER ASTM A615 (GRADE 60).
- TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

- P3) 8" x 120" - CB INLET KY B 10' TOP F/G - 9"
P2) 24" x 120" - CB INLET KY B 10' BOTTOM LEFT T/G - 17"
P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht T/n - 28"
1) CASTING - HOE KY-345 SET (CBI B)
1) 24" x 24" - Con Seal CS-102 1.00"
2) Hole - 20
1) Hole - 6

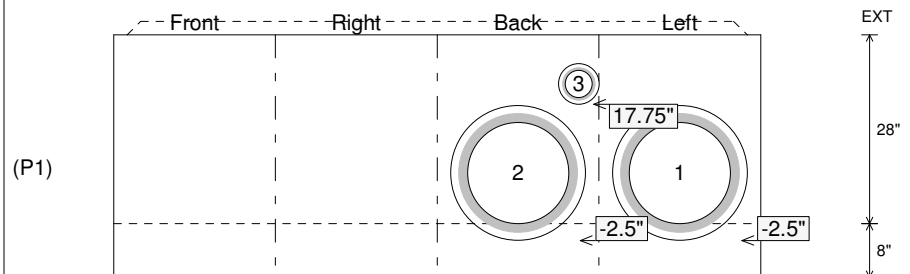
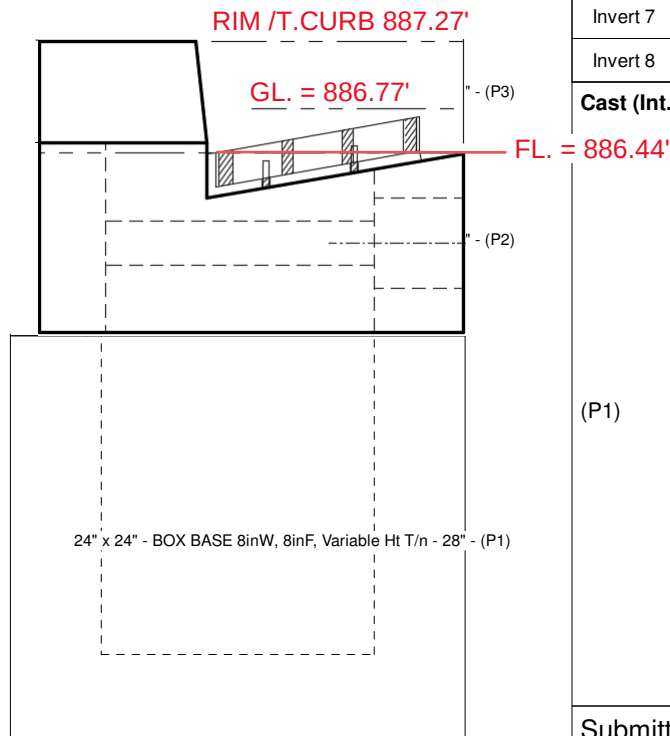
1660 lb
2650 lb
3044 lb
290 lb
0 lb
0 lb
0 lb

Structure Total: 7644 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	887.27'							
Reducer								
Invert 1	882.69'	270°	15" HDPE	17.6"	20"	Hole 20	-2.5"	P1
Invert 2	882.69'	180°	15" HDPE	17.6"	20"	Hole 20	-2.5"	P1
Invert 3	884.25'	180°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	17.75"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: