

Job Name: 25-2991 BHS Addition & Renovation Ph 2
Job Location: Bardstown, KY
Contractor: Parker Excavating, LLC

PC: Erica Bradley
 TECH: J. Horsley - A
 Plant: 100



Structure ID: **2D**
 Spec: MSD
 Type: Yard Drain
 Size: 24" x 24"

Rim: 639.65'
 Invert: 637.15'
 Rim to Invert: 2.5'

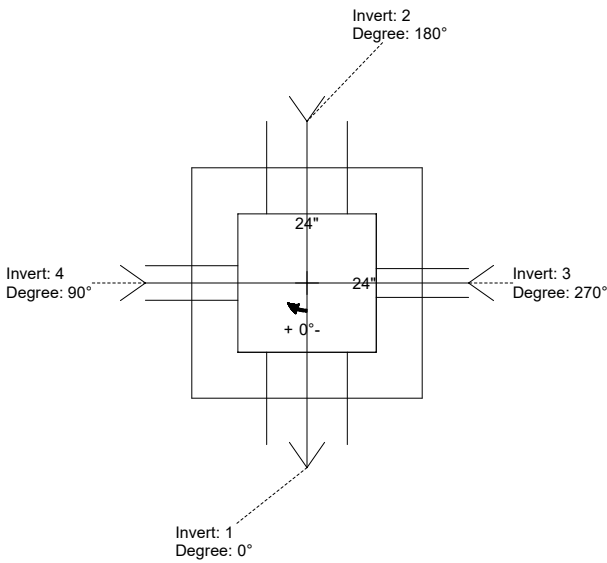
Sump: 0.25"
 Floor (Top): 637.129'
 Floor Height: 8"

Floor (Bot): 636.462'
 Overall Height: 3.167'
 Slack: 0.25"

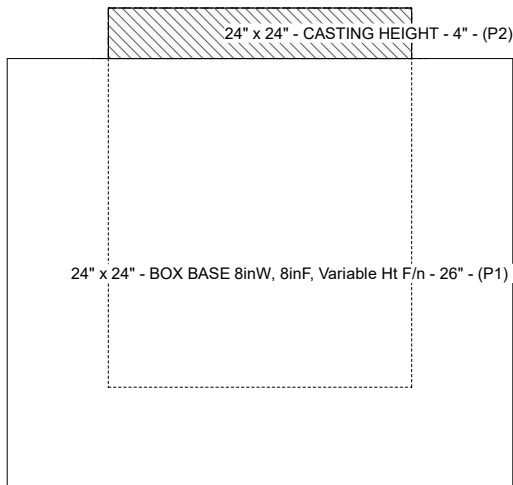
Structure Notes:
 PLAN LABEL: YD-2D
 1. PER ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60)
 4. NO STORM INVERT
 5. NO STEPS
 6. HOE 280-ADA FRAME & GRATE SUPPLIED BY ICAST

STRUCTURE SUMMARY:

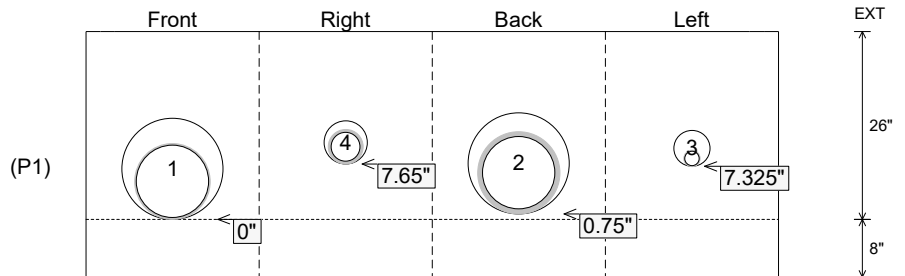
P2) 24" x 24" - CASTING HEIGHT - 4"	0 lb
P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 26"	3069 lb
1) CASTING - HOE 280-ADA F/G	182 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
2) Hole - 14	0 lb
1) Hole - 5	0 lb
1) Hole - 6	0 lb
Structure Total:	3251 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	639.65'							
Reducer								
Invert 1	637.15'	0°	10" PVC SDR35	10.5"	14"	Hole 14	0"	P1
Invert 2	637.25'	180°	10" HDPE	11.4"	14"	Hole 14	0.75"	P1
Invert 3	637.75'	270°	2" PVC SDR35	2.25"	5"	Hole 5	7.325"	P1
Invert 4	637.8'	90°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	7.65"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: