

Job Name: 26-1228 - L&N Federal Credit Union
Job Location: Louisville, KY 40243
Contractor: H & W Landworks

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



Structure ID: **S-4-5 YD**

Spec: MSD
Type: Yard Drain
Size: 18" x 18"

Rim: 747.27'
Invert: 743.8'
Rim to Invert: 3.47'

Sump: 0"
Floor (Top): 743.8'
Floor Height: 6"

Floor (Bot): 743.3'
Overall Height: 3.833'
Slack: 1.64"

Structure Notes:

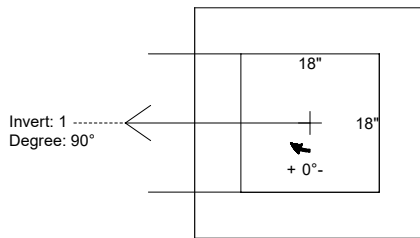
1. PER LOUISVILLE MSD / ASTM C-913 SPECS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: #4 BAR @ 12" C.C. E.W. (GRADE 60)
4. NO STORM INVERT
5. NO STEPS
6. HOE 165-A FRAME & GRATE SUPPLIED BY ICAST

STRUCTURE SUMMARY:

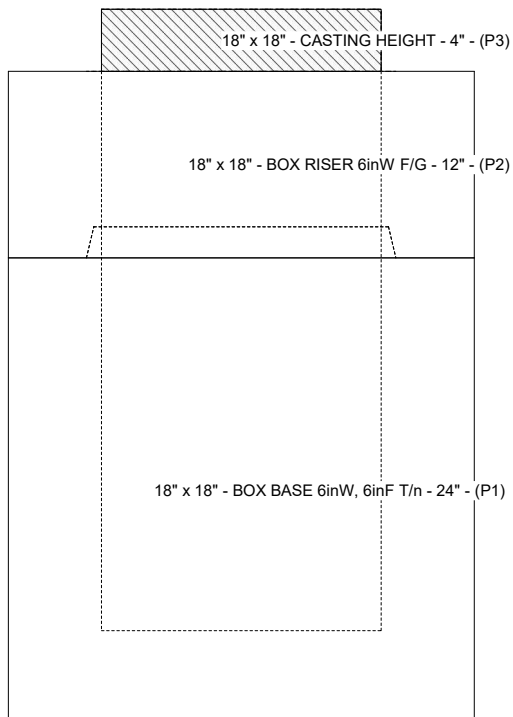
- P3) 18" x 18" - CASTING HEIGHT - 4"
P2) 18" x 18" - BOX RISER 6inW F/G - 12"
P1) 18" x 18" - BOX BASE 6inW, 6inF T/n - 24"
1) CASTING - HOE 165A F/G
2) 18" x 18" - Conseal CS-102 1.00"
1) Hole - 18"

0 lb
580 lb
1517 lb
138 lb
0 lb
0 lb

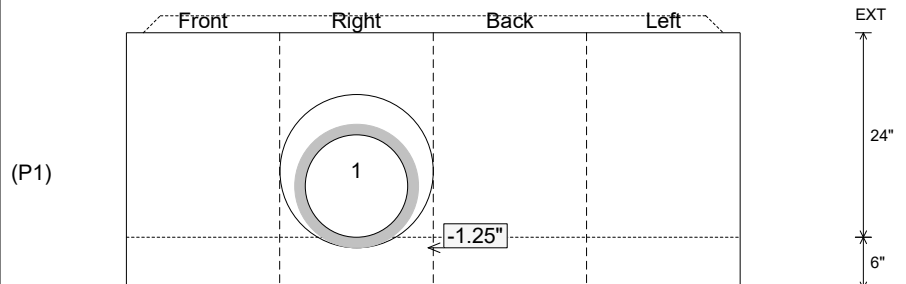
Structure Total: 2235 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	747.27'							
Reducer								
Invert 1	743.8'	90°	12" ADS N-12	14.5"	18"	Hole 18	-1.25"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
5/6/2026 11:30:16 AM

SUBMITTAL
APPROVED BY: