

Job Name: 26-2909 - Grande Development 54 Job Location: Owensboro, KY Contractor: Winwater Hartford KY Co.					Plant: 100		Tech: Jared - F			
					10/1/2026 10:37:35 AM		PC: A. Chambers			
Structure ID: AA4 ST-CI										
P1 MH048BA54			MH BASE T/n							
P3) 24" x 36" - CASTING HEIGHT - 6" P2) 48" - MH FLAT TOP w/24"x36" Hole F/G - 12" P1) 48" - MH BASE T/n - 54" 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H) 1) 48" - Conseal CS-102 1.00" 1) 24" x 36" - Conseal CS-102 1.00" 1) Hole - 30 2) Hole - 24						0 lb 1300 lb 4392 lb 442 lb 0 lb 0 lb 0 lb 0 lb 0 lb ----- Structure Total: 6134 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO STEPS AND NO INVERT CHANNEL. 4. CASTING BY ICAST (HOE 525 SET FLAT GRATE (F/G/H)) . REINFORCING PER ASTM A615 (GRADE 60). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - RISER/WALLS (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.		
Rim: 434.31' Rim to Invert: 6.05' Slack: 2.5" Sump: 1.9" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	428.26'	0°	0"	24" HDPE	27.8"	Hole 30	30"	32.406"	0"	0"
Invert 2	428.36'	87°	44"	18" HDPE	21.2"	Hole 24	24"	25.133"	1.5"	0"
Invert 3	430.44'	237°	120"	18" HDPE	21.2"	Hole 24	24"	25.133"	26.5"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

INSIDE WALL DIMENSIONS

Coating (Int):	Seam Up: Tongue	Wall Thickness: 5"	Height (Int): 54"	Weight (Net): 4392 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 6"	Height (Ext): 60"	Volume (Net): 1.12cu.yd