

**Job Name: 25-3665 Wyndham Estates - Lot 37**  
**Job Location: Evansville, IN**  
**Contractor: CD Real Estate Development, Inc**

PC: Trevor Lewis  
 TECH: J.Horsley - A  
 Plant: 100



Structure ID: **MH 512B**  
 Spec: Storm  
 Type: BX 6inW, 6inF  
 Size: 30" x 30"

Rim: 399'  
 Invert: 392.7'  
 Rim to Invert: 6.3'

Sump: 2"  
 Floor (Top): 392.533'  
 Floor Height: 6"

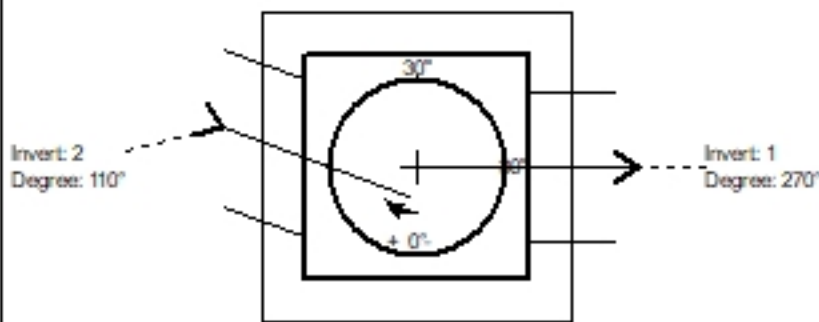
Floor (Bot): 392.033'  
 Overall Height: 6.75'  
 Slack: 2.6"

**Structure Notes:**

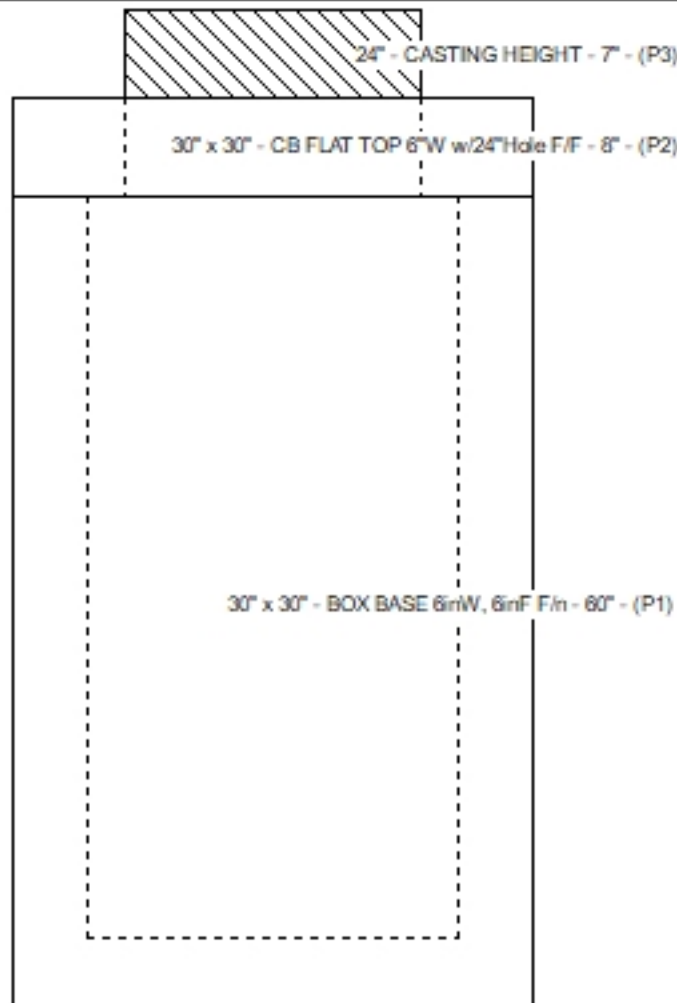
1. EJIW 1022 PROVIDED BY ICAST.
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. NO INVERT CHANNEL.
5. REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 8" C.C.E.W.  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

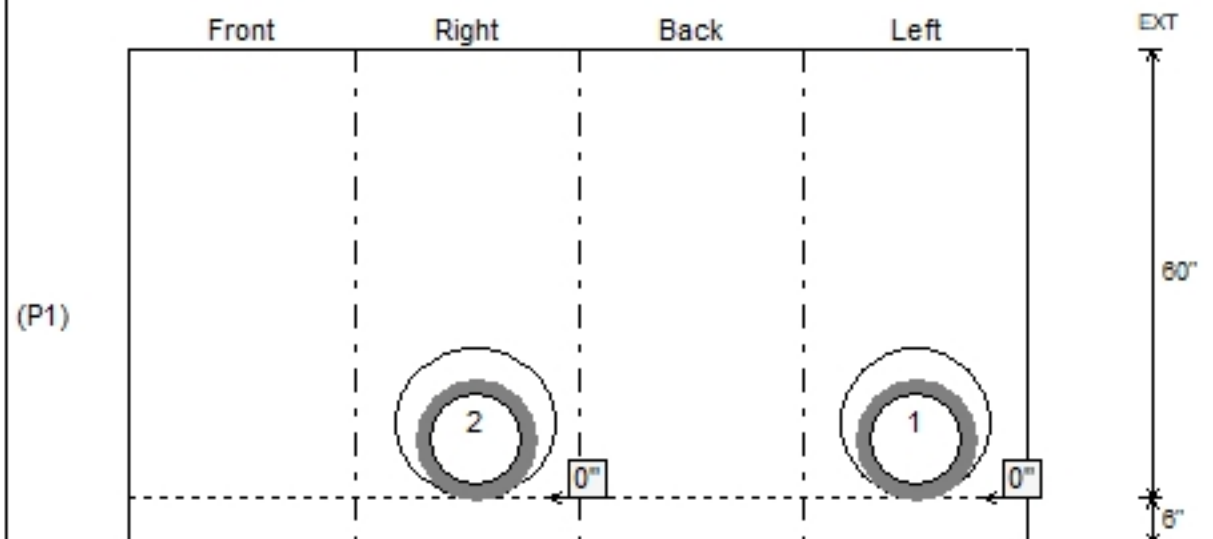
P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 30" x 30" - CB FLAT TOP 6"W w/24"Hole F/F - 8"	880 lb
P1) 30" x 30" - BOX BASE 6inW, 6inF F/n - 60"	4912 lb
1) CASTING - EJ 1022Z1 Frame	250 lb
1) CASTING - EJ 1020 M1 Grate	250 lb
1) 30" x 30" - Conseal CS-102 1.00"	0 lb
2) Hole - 20	0 lb
<b>Structure Total:</b>	<b>6292 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	399'							
Reducer								
Invert 1	392.7'	270°	12" RCP B WALL	16"	20"	Hole 20	0"	P1
Invert 2	392.7'	110°	12" RCP B WALL	16"	20"	Hole 20	0"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
 2/27/2026 1:47:26 PM

SUBMITTAL  
 APPROVED BY: