

Job Name: 25-2647 Nichols West
Job Location: Gallatin, TN
Contractor: Hayes Pipe Supply

Plant: Beaver Dam

10/2/2026 10:56:50 AM

Tech: J. Coppage

PC: E. Bradley



Structure ID: D1

P1 BX2898-06BVF

BOX BASE 6inW, 6inF, Variable Ht

P2) 28" x 98" - CASTING HEIGHT - 7.50"

P1) 28" x 98" - BOX BASE 6inW, 6inF, Variable Ht - 95"

1) 28" x 98" - Conseal CS-102 1.00"

2) Hole - 40

4) LINTEL BAR SLOT - 7"x1"

0 lb

13997 lb

0 lb

0 lb

0 lb

Structure Total:

13997 lb

Structure Notes:

1. (JBS 3300 TRIPLE SET PROVIDED BY OTHERS)
 2. PER ASTM C913 SPECIFICATIONS.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

FIRST POUR DRAWING

Rim: 505.1'

Rim to Invert: 8.3'

Slack: 0.604"

Sump: 3.504"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	496.8'	90°	55"	30" RCP B WALL	37"	Hole 40	40"	40"	0.004"	0"
Invert 2	500.5'	235°	40.996"	30" RCP B WALL	37"	Hole 40	40"	48.831"	44.404"	0"
Invert 3	504.324'	90°	38.625"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	93.792"	-16.375"
Invert 4	504.324'	90°	71.375"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	93.792"	16.375"
Invert 5	504.324'	270°	38.625"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	93.792"	-16.375"
Invert 6	504.324'	270°	71.375"	7" x 1" LINTEL BAR SLOT	7" x 1"	LINTEL BAR SLOT 7"x1"	7" x 1"	7"	93.792"	16.375"
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

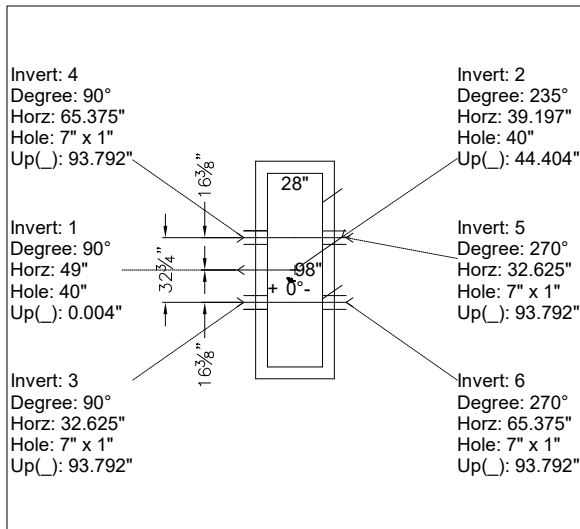
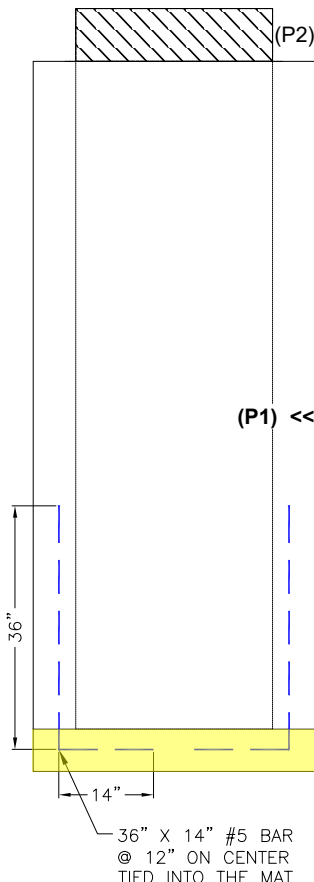
UPSIDE-DOWN VIEW (int. dimensions)

WEIGHTS:

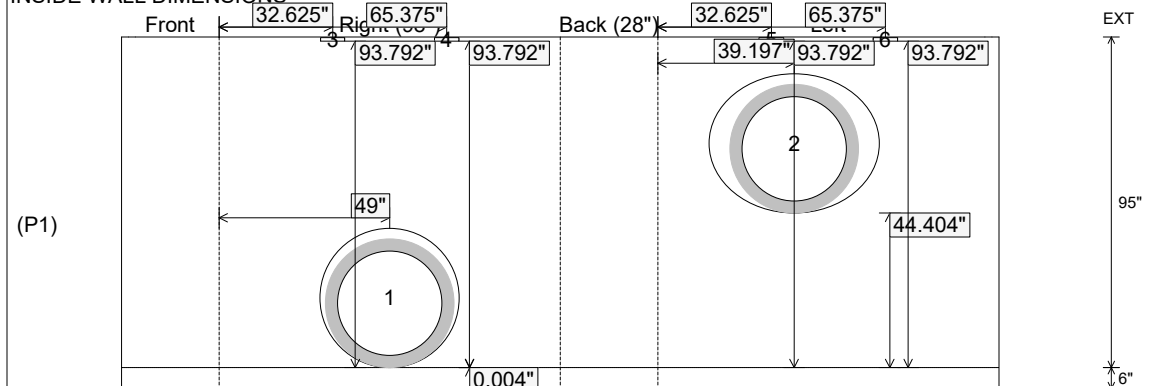
FIRST POUR: 2,215 LBS

SECOND POUR: 11,782 LBS

TOTAL: 13,997 LBS



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 6"

Height (Int): 95"
Height (Ext): 101"

Weight (Net): 13997 lb
Volume (Net): 3.58cu.yd

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 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

SECOND POUR DRAWING

Rim: 505.1'

Rim to Invert: 8.3'

Slack: 0.604"

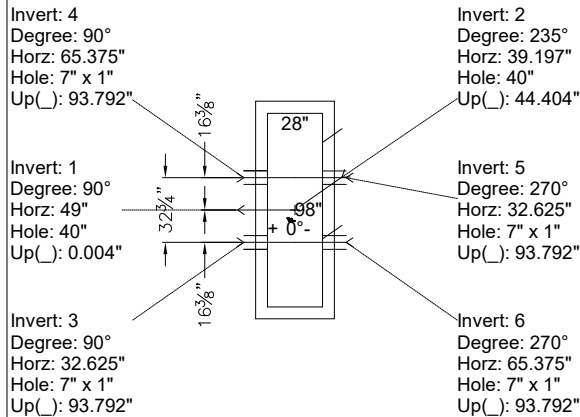
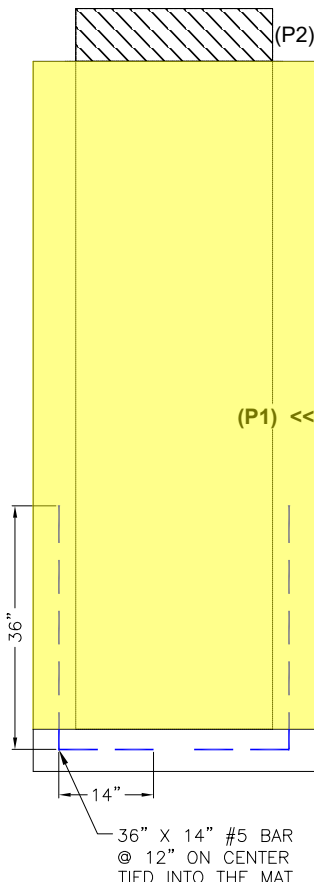
Sump: 3.504"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
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Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



WEIGHTS:

FIRST POUR: 2,215 LBS

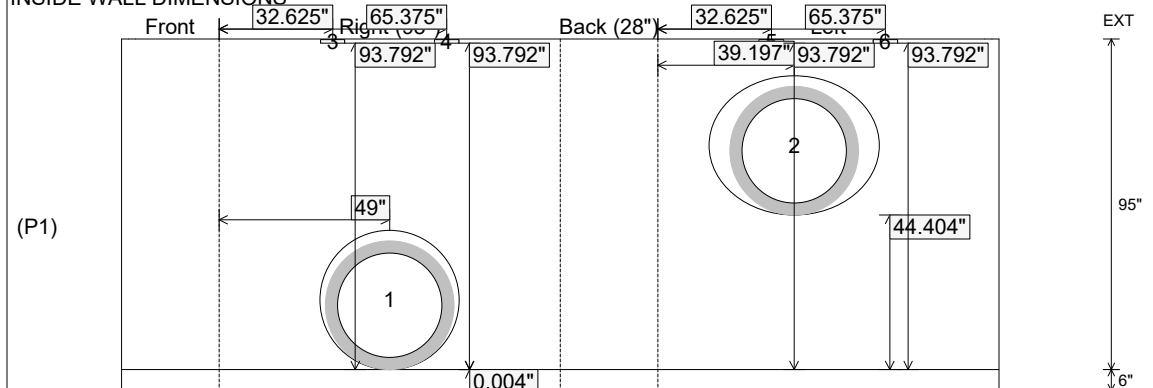
SECOND POUR: 11,782 LBS

TOTAL: 13,997 LBS

LIFTERS:

4 ea. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED IN 90° & 270° WALLS, 16" FROM THE TOP.

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 6"

Height (Int): 95"
Height (Ext): 101"

Weight (Net): 13997 lb
Volume (Net): 3.58cu.yd

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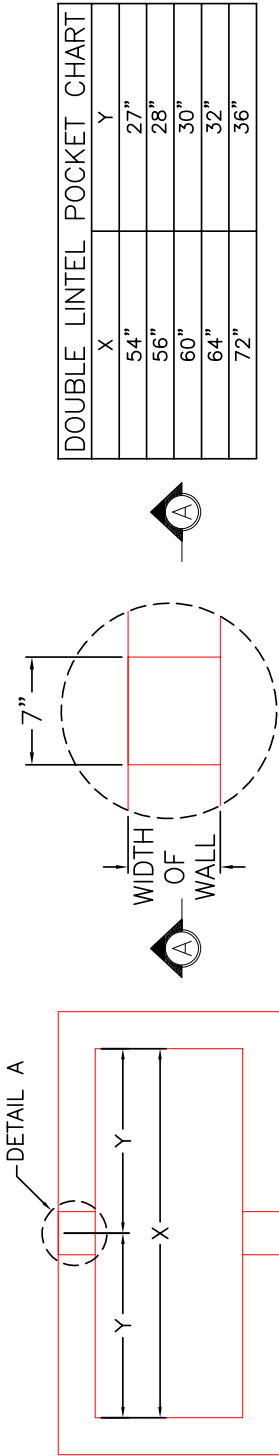
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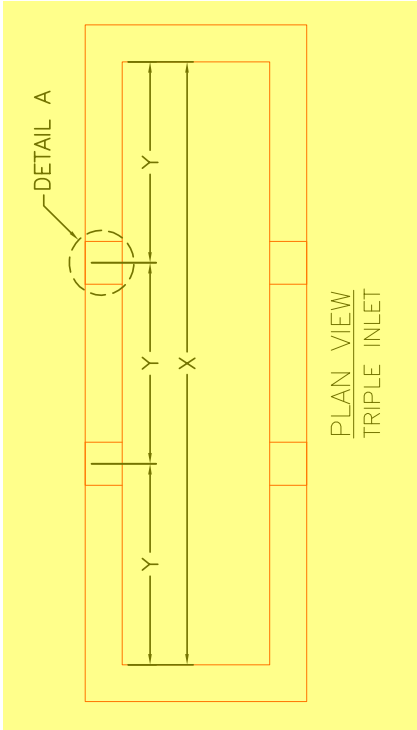
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P1 BX2898-06BVF BOX BASE 6inW, 6inF, Variable Ht

GENERAL NOTES:
1. RECESSES FOR LINTEL BARS TO BE 7" LONG X 1" DEEP X FULL WIDTH OF WALL.



DOUBLE LINTEL POCKET CHART	
X	Y
54"	27"
56"	28"
60"	30"
64"	32"
72"	36"

DETAIL A



TRIPLE LINTEL POCKET CHART	
X	Y
96"	32"
98"	32 3/4"
108"	36"

SECTION A-A

PRODUCTION WORK ORDER		PRODUCT I.D.: -	DESCRIPTION: LINTEL BAR POCKET LOCATIONS
	QUALITY CONTROL CHECKLIST		CUSTOMER: N/A
	☐ ALL DIMENSIONS CORRECT.		PROJECT: N/A
	☐ LIFTERS INSTALLED.		STRUCTURE: N/A
	☐ OPENING CENTERED.		ORDER NO: N/A
	☐ REINFORCING CORRECT.		PE: J.H. ROSS
	☐ SURFACE QUALITY ACCEPTABLE.		DRAWING: J. COPPAGE
	☐ EDGES CHAMFERED.		DATE: 3/6/24
	☐ ALL PATCHWORK ACCEPTABLE.		SCALE: NTS
		PG. 1 of 1	

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