

Job Name: 26-2432 - Madisonville Grease Trap

Job Location: Madisonville, KY

Contractor: Gaston Engineering

Plant: 100

6/19/2026 4:04:38 PM

Tech: J. Horsley

PC: E. Bradley



Structure ID: QL1

P1 BX48144-06BAVF

BOX BASE 6inW, 6inF, Variable Ht F/n

P3) 24" - CASTING HEIGHT - 7"

P2) 48" x 144" - BX FLAT TOP 6"W w/(2) 24" HOLES (Grease Trap) F/F - 8"

P1) 48" x 144" - BOX BASE 6inW, 6inF, Variable Ht F/n - 51"

2) CASTING - HOE MC-315 F/C Grease

1) 48" x 49" - BAFFLE WALL (GT-1000 GAL.) - 4"

1) SECONDARY POUR - Base Walls

1) 48" x 144" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

2) PSX - 8QRS-S NYLO

0 lb

5677 lb

15138 lb

516 lb

752 lb

0 lb

0 lb

0 lb

13 lb

Structure Total: 22096 lb

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. 2 EA. HOE MC-315 FRAMES & COVERS "GREASE TRAP" SUPPLIED BY ICAST

5. WET STICK 18" X 24" #5 L-BARS @ 12" C.C. E.W. (GRADE 60) OUT OF FLOOR FOR WALL POUR TIE-IN (36 EA. L-BARS REQUIRED)

FIRST POUR (FLOOR): 4,713 LBS

SECOND POUR (WALLS): 10,425 LBS

THIRD POUR (BAFFLE WALL): 752 LBS

Rim: 5.5'

Rim to Invert: 2.5'

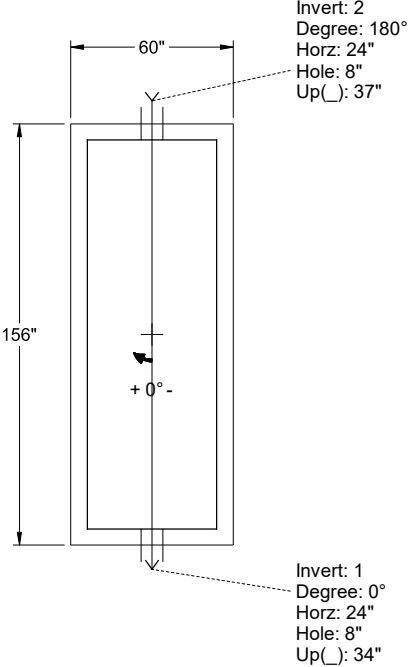
Slack: 0"

Sump: 36"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	3'	0°	30"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8"	34"	0"
Invert 2	3.25'	180°	30"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8"	37"	0"
Invert 3										

RIGHT-SIDE UP VIEW (int. dimensions)



Invert: 2

Degree: 180°

Horz: 24"

Hole: 8"

Up(): 37"

Invert: 1

Degree: 0°

Horz: 24"

Hole: 8"

Up(): 34"

(P3)

(P2)

(P1) <<

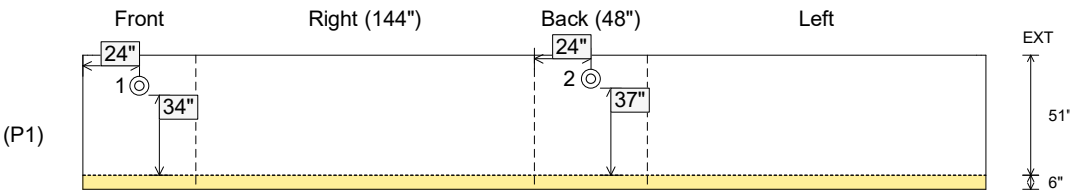
2" MIN. CLR. (TYP)

24" TYP

18" TYP

WET STICK 18" X 24" #5 L-BAR @ 12" C.C. E.W. (GRADE 60) OUT OF FLOOR FOR WALL POUR TIE-IN - 36 EA. L-BARS

INSIDE WALL DIMENSIONS



Front

Right (144")

Back (48")

Left

EXT 51"

6"

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 51"

Height (Ext): 57"

Weight (Net): 15138 lb

Volume (Net): 3.87cu.yd

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2) PSX - 8QRS-S NYLO

0 lb

5677 lb

15138 lb

516 lb

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2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. 2 EA. HOE MC-315 FRAMES & COVERS "GREASE TRAP" SUPPLIED BY ICAST

5. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN

Rim: 5.5'

Rim to Invert: 2.5'

Slack: 0"

Sump: 36"

Step Position:

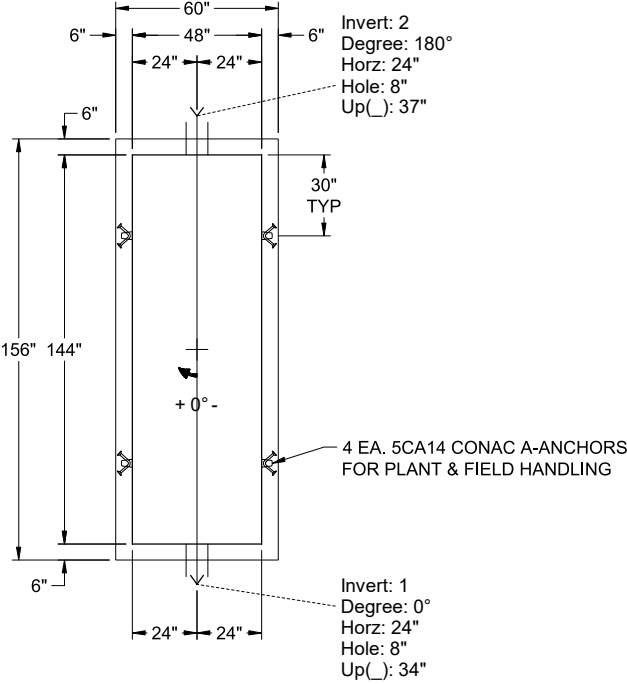
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	3'	0°	30"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8"	34"	0"
Invert 2	3.25'	180°	30"	4" PVC SDR35	4.25"	PSX 8QRS-S NYLO	8"	8"	37"	0"
Invert 3										

(P3)

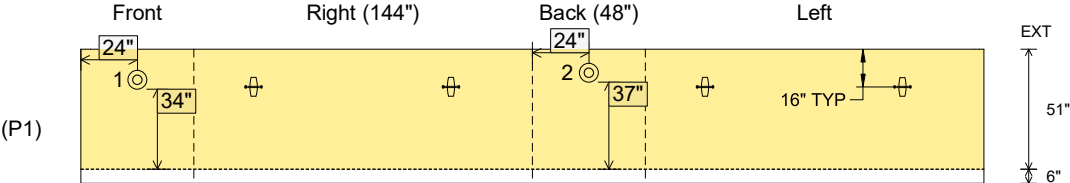
(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 51"

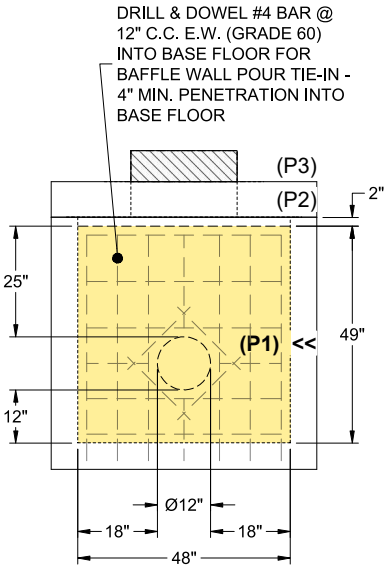
Height (Ext): 57"

Weight (Net): 15138 lb

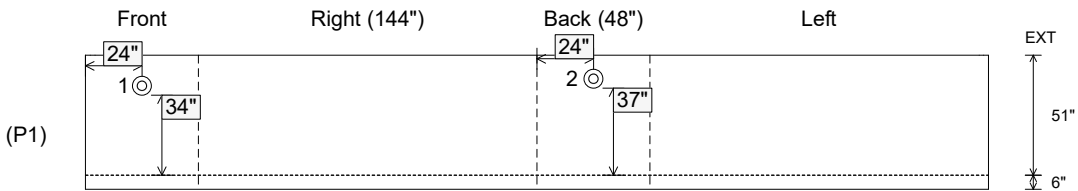
Volume (Net): 3.87cu.yd

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Rim: 5.5'		Rim to Invert: 2.5'		Slack: 0"		Sump: 36"		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
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Invert 3											

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 51" Height (Ext): 57"	Weight (Net): 15138 lb Volume (Net): 3.87cu.yd
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