



Chowan County Board of Commissioners
Regular Meeting
Monday, October 5, 2020
Chowan County Public Safety Center
305 West Freemason Street
6:00pm

AGENDA

The meeting room will be open to the public and public seating will be set up to adhere to social distancing guidelines.

*If the room reaches maximum capacity, a call-in number is provided below for anyone who wishes to call in to listen to the meeting remotely. Those participating remotely who wish to submit public comment, please see instructions in the agenda below.

To listen remotely call: 1-408-418-9388
Meeting ID Number: 132 641 8768
Passcode: 246926

Regular Meeting

- a. Call to Order
- b. Pledge
- c. Invocation Commissioner Kirby

1. Approval of Draft Agenda

2. Public Comment

Public comment may be taken digitally on all items, with the following guidelines:

- any public comment must be sent in by 5 p.m. the day of the meeting via email to **Susanne.stallings@chowan.nc.gov** OR by calling 252-482-8431 x1 (NO LATER THAN 5:00pm) and leaving a voicemail
- must state which agenda item you are commenting on, or if it is for informal discussion
- must be no more than 350 words.

The Clerk will read public comments into the record during the meeting.

3. COVID – CARES ACT Relief Fund

Update

Finance Officer Cathy Smith will provide the Board with a report on the COVID CARES ACT relief funds received to date and any expenditures of these funds at the meeting.

Non-Profit Grant

Mr. Howard will provide the Board with information on grants received for non-profits utilizing the COVID-Cares Act funds.

Small Business Grant

Mr. Howard will provide the Board with information on grants received for small businesses utilizing the COVID-Cares Act funds.

4. Water Department Items

Salt Tank Replacement

Water Director David Tawes will provide the Board with quotes to replace the salt tank for the Valhalla Water Treatment Plant. The Board will review the quotes and recommendation.

BA2021-012

If the above agenda item is approved the Board will also consider approval of the attached budget amendment BA2021-012.

5. COA Parking Lot

Bids are due on Friday, October 2, 2020 for the parking lot extension at COA. Mr. Howard will provide the Board at the meeting with bid information received and the Board will consider bid award.

6. Ag Building Roof Replacement and HVAC Repair

The Board will review and award the bid for the roof replacement and HVAC repairs at the Ag Building.

7. Public Hearing Motion

The proposed text amendment to the Chowan County Zoning Ordinance “*7.05 Requirements for Wireless Telecommunications Sites, New Wireless Support Structures or Substantial Modification of Wireless Support Services*” that was previously advertised to be held at the September 21, 2020 meeting was tabled to allow staff the opportunity to revise the presentation of the text to highlight current text and proposed amendments. Because the item was tabled, and to allow for proper advertisement of the new hearing date, it was recommended that the public hearing be held on November 2, 2020. In accordance with Article XIV of the Chowan County Zoning Ordinance, it would be in order for the Board to make a motion to advertise the public hearing for November 2, 2020 and note the extenuating circumstances that exist to waive the restriction of hearing a text amendment outside of the Ordinance’s four designated months.

8. Appointment

The Board will consider reappointment of the following individuals to the Shepard Pruden Memorial Library Board of Trustees. Both individuals are eligible and have requested reappointment.

- Carlette Pruden
- Marie Perry

9. Annual Report

The Board will receive a annual report from the Senior Center Director Connie Parker.

10. External Board/Committee Report

Board members are asked to report on the activities of the external boards to which they have been appointed.

11. Manager's Report

County Manager Kevin Howard will update the Board on any pending matters.

Project Tracking Sheet

12. Timely and Important Matters

13. Adjourn



Chowan County Board of Commissioners
Action Agenda Item
2019-20

To: Susanne Stallings, Clerk

Meeting Date: _____

From: _____

Date Submitted: _____

**** Verify Agenda Item deadline prior to submission as some items should be reviewed by Attorney/Finance/HR prior to Clerk submittal****

ISSUE/ACTION REQUESTED:

PUBLIC HEARING: YES NO

Background Information

Potential Cost Savings YES NO

ATTACHMENTS: YES NO

FINANCIAL:

BUDGET AMENDMENT REQUIRED: YES NO N/A

CAPITAL PROJECT/GRANT ORDINANCE REQUIRED: YES NO N/A

PRE-AUDIT CERTIFICATION REQUIRED: YES NO N/A

REVIEWED BY DIRECTOR OF FINANCE: YES NO

COMMENTS:

PERSONNEL MATTER:

REVIEWED BY HUMAN RESOURCES: YES NO N/A

COMMENTS:

CONTRACTS/AGREEMENTS:

REVIEWED BY THE COUNTY ATTORNEY: YES NO N/A

COMMENTS:

COUNTY MANAGER'S RECOMMENDATION:

RECOMMENDS APPROVAL: YES NO N/A

COMMENTS:

QUOTATION

September 2, 2020

QUOTE#

WDG090220.02

TO: Chowan Water
1608 Virginia Road
Edenton, NC 27932

Attn: David Tawes
Ph#: 252-482-2627
Email: David.tawes@chowan.nc.gov

REFERENCE: Brine Tank

Quantity	Description	Unit Price	Ext. Price
1 EA	<p>Chemical Environment: Saturated Brine Specific Gravity / Max Temperature: 1.3 Design / 160° F Corrosion Barrier: Isophthalic Polyester with C-Veil Structural Wall & Exterior: Isophthalic Polyester Pressure / Vacuum: Atmospheric Wind / Seismic Zone: NA / NA Design / Specification: Fabricated to Meet Applicable Sections of ASTM D-3299</p> <p>1.0 25 Ton Brinemaker / salt saturator wth the following components: 1.0 FBDT - 12'-0" dia. X 12'-0" ht. vertical fiberglass tank / flat bottom / dome top 1.0 Pigmented (white) exterior with UV inhibitors 1.0 Post cure and rinse 2.0 1" FNPT half coupling (liquid level connections) 1.0 3" conical gusseted siphon flange (drain) 1.0 1½" polyethylene water spray ring with adaptor and tee / FRP support brackets and 1½" FNPT full coupling (water inlet) 1.0 4" type 304 SS pneumatic fill line with ¾" water injection port / aluminum Kamlock adaptor / cap and top center mounting flange 1.0 8" u-type vent with flex boot / PVC down pipe / polyester dust bag / clamps and FRP brackets 1.0 24" top manway with weighted non-pressurization cover (0.12lbs/sq in) 1.0 24" side manway with blind flange / 304 SS bolting / EPDM gasket 1.0 Brine plenum with locating clips / slotted PVC (radial arm) filter pipes / internal 3" FRP connecting piping (flange/elbow to flange) and 3" conical gusseted double flange 1.0 Galvanized CS fill line post with mounting clamps 1.0 FRP ladder with walk-thru / saftey cage / stand-offs 5.0 Type 304 SS heavy duty lift lugs 4.0 Galvanized CS hold downs with 1 1/8" mounting hole (non-seismic rated 6,000#) 1.0 Resin Surcharge**</p>	\$35,800.00	\$35,800.00

Chesapeake, VA Office
1224 Executive Blvd., Suite 108
Chesapeake, Virginia 23320
Phone: (757) 512-6428
Fax: (757) 547-5855

Raleigh, NC Office
4915 Waters Edge Drive, Suite 180
Raleigh, North Carolina 27606
Phone: (919) 792-3780
Fax: (919) 859-4837

Charlotte, NC Office
9305 Monroe Road, Suite E
Charlotte, North Carolina 28270
Phone: (704) 323-7023
Fax: (704) 845-4549

1 EA	Options: 1) REMOVED 9/14/2020 - Freeze protection system that includes the following items: adder 1920 watt 120 volt heat system with controls to maintain 40° F in a -10° F environment 2" thick polyurethane insulation with (white) polyurea overcoat (up 8'-0" sideshell only)		
1 EA	2) Water level control system with NEMA 4X control box including [2] tuning forks and solenoid valve (120 VAC/1 phase/15A)	\$5,414.00	\$5,414.00
1 EA	3) Binmaster SmartBob salt level indicator with NEMA 4X control box (4-20MA output)	\$3,800.00	\$3,800.00
<p>Clarifications/Exceptions/Notes: Gravel bed, filtration media, rock salt, anchor bolts, installation etc. by others Includes a standard 2 year limited warranty</p> <p>Estimated Freight to: TBD Freight: FOB Sioux Falls, SD</p> <p>Estimated Drawing Lead Time: (upon receipt of purchase order) 1-2 weeks Estimated Shipping Lead Time: (upon receipt of approved drawings) 7-9 weeks Wood saddles for onsite storage are not included in tank price. If saddles are needed there is a price adder of \$100 per tank. A credit will be issued if saddles are returned.</p> <p>**Due to continuous price fluctuations of petroleum based resin, Design Tanks has added this surcharge based on the price of resin at the time of quotation and reserves the right to adjust this surcharge based on cost of material at time of manufacture.</p> <p>Thank you for this opportunity to quote Design Tanks composite products.</p> <p>1) Pricing reflects the listed items only. Any deviation would constitute a cost adjustment. 2) Unless otherwise stated customer is responsible for freight. If a freight value is provided, it is an estimate including shipping and handling and will be subject to surcharge changes. 3) Design Tanks reserves the right to accept or decline a purchase order following a review. Acceptance may require changes to the terms of the order. 4) Drawing and shipping lead times are subject to change based on scheduling availability, contact Daparak, Inc. 5) Unless otherwise identified in this quotation, all tanks are Atmospheric Pressure only and are not fabricated for use in any pressure or vacuum process or setting. 6) Unless otherwise identified in this quotation, pricing is based on acceptance of Design Tanks' standard one-year limited warranty.</p>			
1 EA	Estimated Freight	\$5,200.00	\$5,200.00

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			Quotation Total: (Excluding Tax)
			\$50,214.00
	Quote valid for 60 days. Prices subject to change. FOB Shipping Point. Terms Net 30 days. Additional charge may be incurred if an order is revised or cancelled.		

Quoted By: William Gross

Direct: 757-512-6791 bgross@daparak.com

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 1224 Executive Blvd., Suite 108
 Chesapeake, Virginia 23320
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TERMS AND CONDITIONS

The prices quoted are expressly based upon the terms and conditions in this document. The terms hereinafter stated supersede all other terms, understandings and are limited to this agreement.

The prices quoted will be effective for a period of forty-five (45) days from the date of this quotation. If Daparak, Inc. receives Purchaser's acceptance after the expiration date, the quoted prices, and such acceptance shall only be binding upon Daparak, Inc. by our written confirmation of such prices.

Daparak, Inc warranty is based upon the original equipment manufacturer (OEM) warranty that the goods provided shall be free of defects in our design, material and workmanship for a period of one year. OEM warranties are attached.

THE WARRANTY SET FORTH ABOVE IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED BY LAW OR TRADE USAGE. SELLER IS NOT LIABLE FOR DEFECTS OR DAMAGE DUE TO NEGLIGENCE (OTHER THAN THAT OF THE SELLER), ACCIDENT, ABUSE, IMPROPER INSTALLATION (OTHER THAN BY SELLER) IMPROPER OPERATION, OR MAINTENANCE, OR ABNORMAL CONDITIONS. SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. SELLER'S WARRANTY LIABILITY IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE GOODS AT THE SELLER'S DISCRETION. SELLER SHALL NOT BE RESPONSIBLE FOR COSTS IN EXCESS OF THE PURCHASE PRICE.

Daparak, Inc shall not be responsible for errors, or defects in the work on account of plans, designs, specifications or drawings furnished by the Purchaser. Daparak, Inc.'s quotation is based upon reliance in the accuracy of data supplied by Purchaser.

Daparak, Inc and the Buyer shall agree that if the goods proposed are rejected by the project Engineer/Owner prior to release to manufacture, that the order will be cancelled at no charge to either party.

Daparak shall not be considered in default in the performance of its obligations hereunder if such performance of its obligations is prevented or delayed by an Act of God, Outbreak of Hostilities, War, Revolution, Civil Commotion, Riot, Epidemic, Wind, Flood, Earthquake, any Law Order, Proclamation, Regulation, or Ordinance of any Government or subdivision of Government, delay in delivery of materials, delay of subcontractors, or any other cause, whether similar or different from those listed, which are beyond the reasonable control of the party affected and Daparak, Inc.

In the event of a dispute arising from the manufacture, sale, delivery, or performance of a purchase order issued pursuant to the attached bid and any amendments thereto, jurisdiction and venue for such dispute is exclusively vested in the City of Chesapeake Circuit Court in the State of Virginia.

Quotations and sales are F.O.B. Point of Shipment unless otherwise expressly stipulated.

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Perry Fiberglass Products, Inc.

EXPERTS IN DESIGNING AND MANUFACTURING ODOR CONTROL AND AIR POLLUTION CONTROL EQUIPMENT

www.PerryFiberglass.com

5415 Village Drive • Rockledge, FL 32955

PHONE: 321-609-9036

FAX: 321-609-9003

QUOTE TRANSMITTAL

TO: Chowan County, NC

DATE: 09/18/20

ATTN: David Tawes

PHONE:

EMAIL: david.tawes@chowan.gov

SUBJECT: Jones County WTF Brine Tank

Single Wall Brine Tank per material and options listed below.

Quote #1 Includes:

- (1) 11'-0"Ø x 18'-6" side shell tall FRP Tank
 - Single wall construction
 - Dome top
 - Flat bottom
 - (4) 316 stainless steel lifting lugs
 - (6) 304 stainless steel hold down lugs
 - (2) 24" manways with FRP cover
 - (2) 150# flanges 1.5"Ø
 - (1) 150# flange 2"Ø
 - (1) 150# flange 3"Ø
 - (2) 150# flanges 4"Ø
 - (2) 8"Ø vent / relief flanges
 - (1) Relief vent with filter bag
 - (1) Liquid level control sensor
 - (LOT) Fill pipe with camlock
 - Internal piping as required, salt distribution piping
 - 316 stainless steel hardware and EPDM gaskets for manways
 - OSHA approved FRP Ladder and safety railings

Quote #1 Excludes:

- Installation
- Nuts, bolts and gaskets for external pipe connections
- Pumps
- Instrumentation not listed
- Heat panels
- External insulation
- Gravel for brine collection inside tank
- Sales tax
- Pad for below tank
- Anchor bolts
- Field training
- PE Stamped Calculations

Quote #1 Includes (continued):

- Tank designed for storing of brine
- Freight
- Coordination Drawings and Submittals
- Factory hydrotest
- Exterior gel coat with UV inhibitors

**Total for Quote #1 as described above = \$57,500 Delivered to:
North Carolina.**

This quote is valid for 30 days.

Terms: To be determined prior to fabrication. Please contact Perry Fiberglass Products, Inc. in advance of issuing a Purchase Order. Outstanding balances not paid within agreed upon terms may be subject to a monthly finance charge of 1.5% which is an annual percentage rate of 18%.

Thank you,

Perry Fiberglass Products, Inc.

By:

Ron Pulliam - ron@perryfiberglass.com

REVISION HISTORY				
DESIGNER	REV	DESCRIPTION	DATE	APPROVED
JKJ	0	INITIAL LAYOUT	08APR2020	

GENERAL NOTES:

- ALL FIELD DIMENSIONING IS TO BE PERFORMED BY OTHERS. ALL DIMENSIONS SHALL BE PROVIDED PRIOR TO ANY FABRICATION.
- ANY MODIFICATIONS TO EXISTING SITE ITEMS ARE BY OTHERS.
- SUBMITTAL DRAWINGS ARE BASED ON CONTRACT DRAWINGS AND SPECIFICATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL APPROVED DRAWINGS BEFORE FABRICATION AGAINST EACH OTHER AND FIELD CONSTRAINTS. PERRY WILL NOT BE RESPONSIBLE FOR ANY EQUIPMENT FABRICATED THAT REQUIRES FIELD MODIFICATION IF BUILT IN ACCORDANCE WITH ANY APPROVED AND VERIFIED DRAWINGS.
- EXTERIOR GEL COAT : **GRAY**
- PURCHASED PARTS CARRY THE WARRANTY OF THE ORIGINAL MANUFACTURER ONLY.
- MAKE NO REPAIRS OR MODIFICATIONS WITHOUT CONTACTING YOUR SERVICE REPRESENTATIVE, WARRANTY MAY BE VOIDED.
- FLANGES ARE DRILLED PER ANSI B16.5 CLASS 150 RATED. BOLT HOLES TO STRADDLE PRINCIPLE TANK CENTERLINES. ALL FLANGES 4" AND SMALLER WILL BE CONICALLY GUSSETED. INDEPENDENT SUPPORTS FOR ALL PIPING LOADS TO BE SUPPLIED BY OTHERS. AVOID PIPE STRAIN ON FIBERGLASS FITTINGS AND USE FLEXIBLE CONNECTIONS WHERE POSSIBLE.
- PERRY FIBERGLASS RECOMMENDS THAT EACH TANK BE WATER FILLED (HYDRO TESTED) FOR A 24 HOUR PERIOD AFTER THE TANK IS INSTALLED.
- TANK HOLD DOWNS MUST BE SECURELY FASTENED TO FLOOR.
- PROPER VENTING MUST BE UTILIZED. IF VENT SCREENS ARE PRESENT THEY SHOULD BE KEPT CLEAN DAILY.
- DO NOT LOCATE ANCHOR BOLTS IN TANK PAD BEFORE RECEIPT OF TANK. PERRY FIBERGLASS, INC. WILL NOT BE RESPONSIBLE FOR PRESET ANCHOR BOLTS.
- ANYTHING NOT LISTED ON THIS DRAWING IS NOT PROVIDED BY PERRY FIBERGLASS, INC.
- PERRY FIBERGLASS, INC. WILL FABRICATE PER THE FINAL PERRY FIBERGLASS, INC. CERTIFIED DRAWING. IT IS THE REVIEWING AUTHORITY'S RESPONSIBILITY TO REVIEW THE DRAWING TO ASSURE ACCURATE PLACEMENT OF DEGREE, RADIUS, ELEVATION, ECT... OF ITEMS LISTED FOR THE TANK.
- WARRANTY WILL BE VOIDED FOR NONPAYMENT OR LATE PAYMENT.

WARNING

- PLEASE READ PERRY'S HANDLING AND INSTALLATION INSTRUCTIONS CAREFULLY. FAILURE TO COMPLY WITH INSTRUCTIONS MAY DAMAGE TANK AND WILL VOID THE WARRANTY.

DRAWING NOTES:

- ALL DIMENSIONS ARE FROM BOTTOM OUTSIDE OF TANK
- ALL NOZZLES/TAPS 8"Ø AND UNDER WILL EXTEND THROUGH INTERIOR WALL 2" UNLESS NOTED OTHERWISE
- ALL NOZZLES/FLANGES ARE DRILLED 2 HOLED, EXCEPT MANWAYS UNLESS NOTED OTHERWISE
- ALL MANWAYS ARE DRILLED ONE HOLED
- ALL TAPS ARE 6" LONG FROM THE VESSEL I.D. UNLESS NOTED OTHERWISE
- ALL HALF COUPLING EXTEND THROUGH WALL 2" WITH A TOTAL LENGTH OF 4" UNLESS NOTED OTHERWISE
- ALL FULL COUPLINGS EXTENDS THROUGH WALL 3" WITH A TOTAL LENGTH OF 6" UNLESS NOTED OTHERWISE

ABBREVIATIONS:

- TYP. = TYPICAL
- C = CENTERLINE
- SYM. = SYMMETRIC
- O.D. = OUTSIDE DIMENSION
- I.D. = INSIDE DIMENSION
- R = RADIUS
- T.O. = TOP OF
- B.O. = BOTTOM OF
- DWG. = DRAWING
- SS = STAINLESS STEEL
- HHB = HEX HEAD BOLT
- THK = THICKNESS
- CC = CENTER TO CENTER
- MIN = MINIMUM
- U.N.O. = UNLESS NOTED OTHERWISE
- = DIAMETER
- FLG = FLANGE
- FNPT = FEMALE NATIONAL PIPE THREAD
- COUP. = COUPLING

QUALITY CONTROL PROCEDURES:

- ALL DEGREES THAT NEED TO BE ON VESSEL ARE MARKED OUT ON WINDER AND TO BE CHECKED BY QUALITY CONTROL BEFORE WINDING LUGS.

QUALITY CONTROL ENGINEER INSPECTOR NUMBER'S:

- ALEX LOPEZ
- JEREMY GEIGER
- SAMMY OLIVIA
- AARON STAHL

MATERIALS:

RESIN: INTERPLASTIC COREZYN ISOPHTHALIC CO75-AQ-010 RESIN

CATALYST:MEKP

LINER:100 MIL CORROSION LINER ="C" VEIL, (2) MAT

TOP THICKNESS: 0.313" ="C" VEIL, (2) MAT,
CURE,
MAT, WOVEN, MAT, WOVEN, (2) MAT

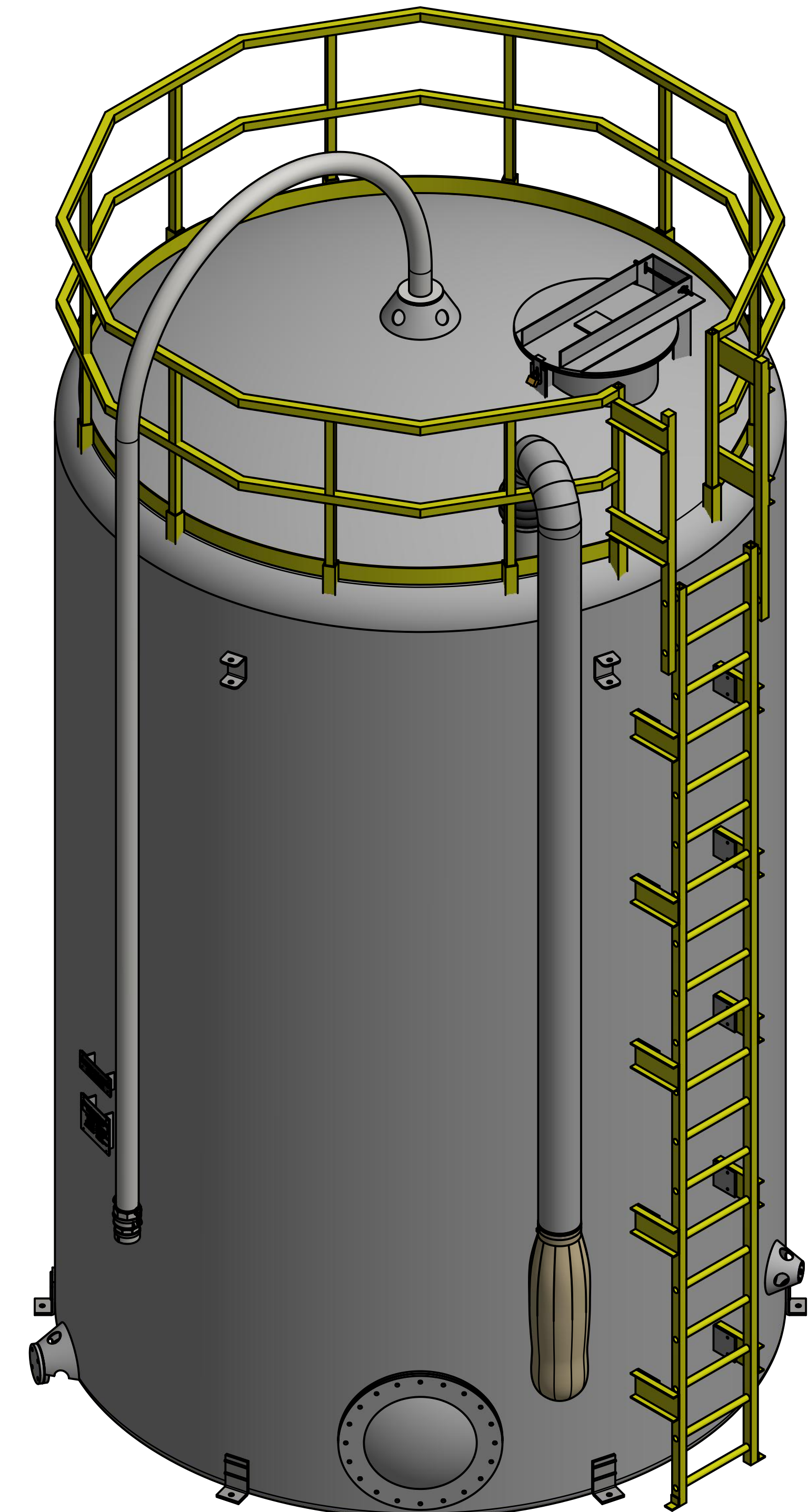
SIDE SHELL THICKNESS: 0.313" ="C" VEIL, (2) MAT,
CURE,
LT CHOP, (2) HOOP, UNI, (2) HOOP, 1 UNI, (2) HOOP, 1 UNI, (2) HOOP

KNUCKLE THICKNESS:0.626"=BOTTOM THICKNESS + 0.313": MAT, WOVEN, MAT, WOVEN, MAT, WOVEN, (2) MAT

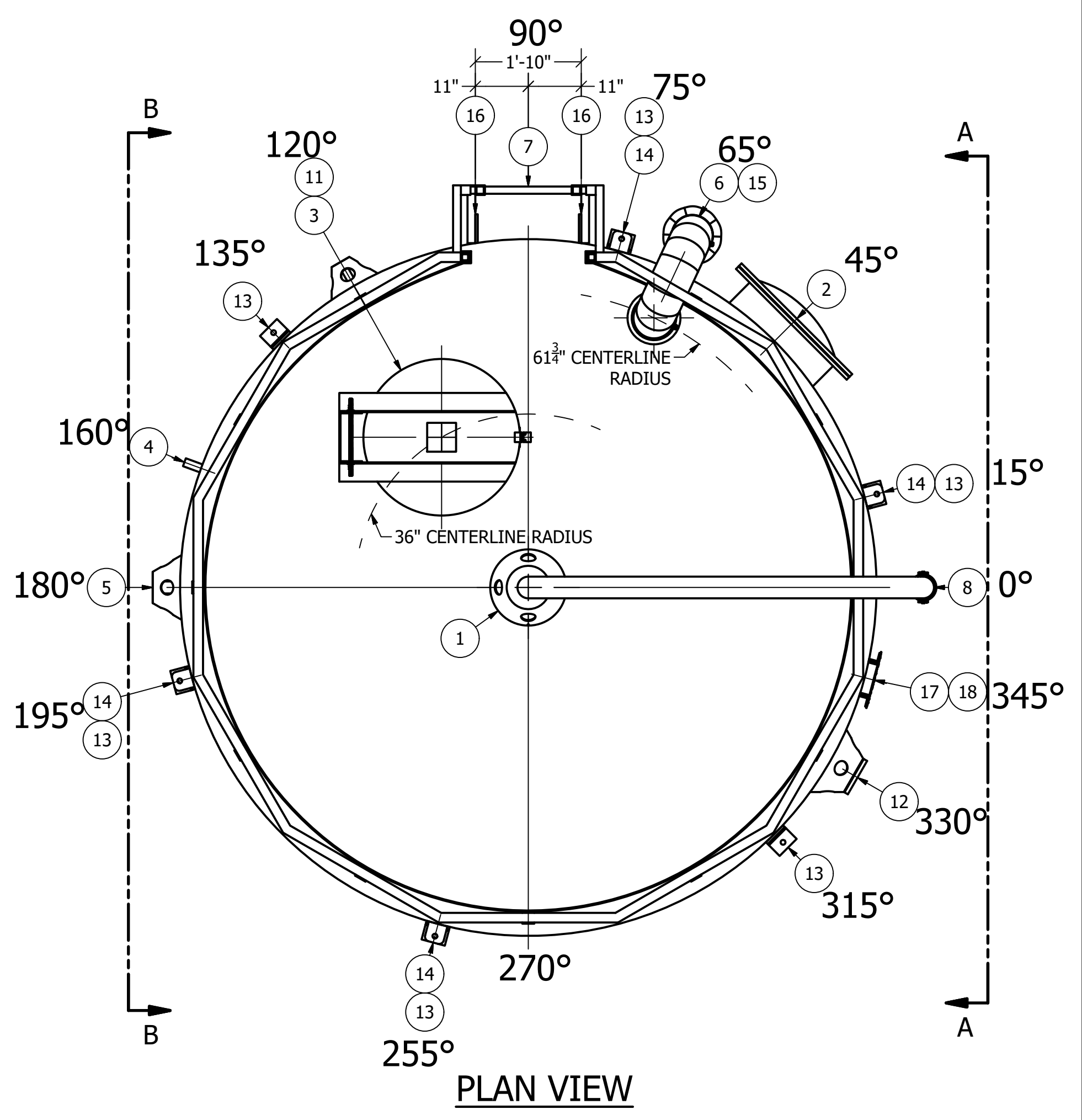
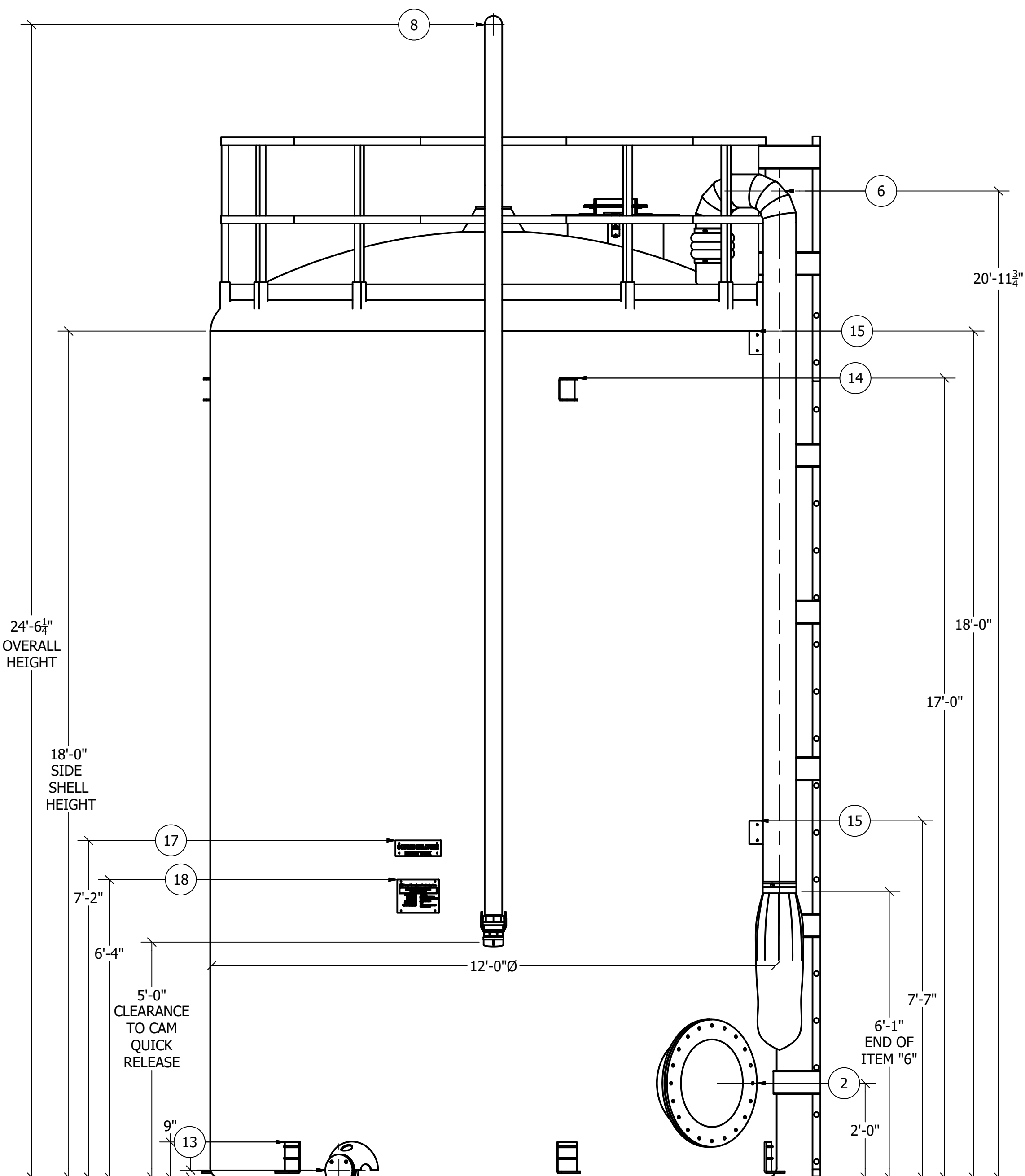
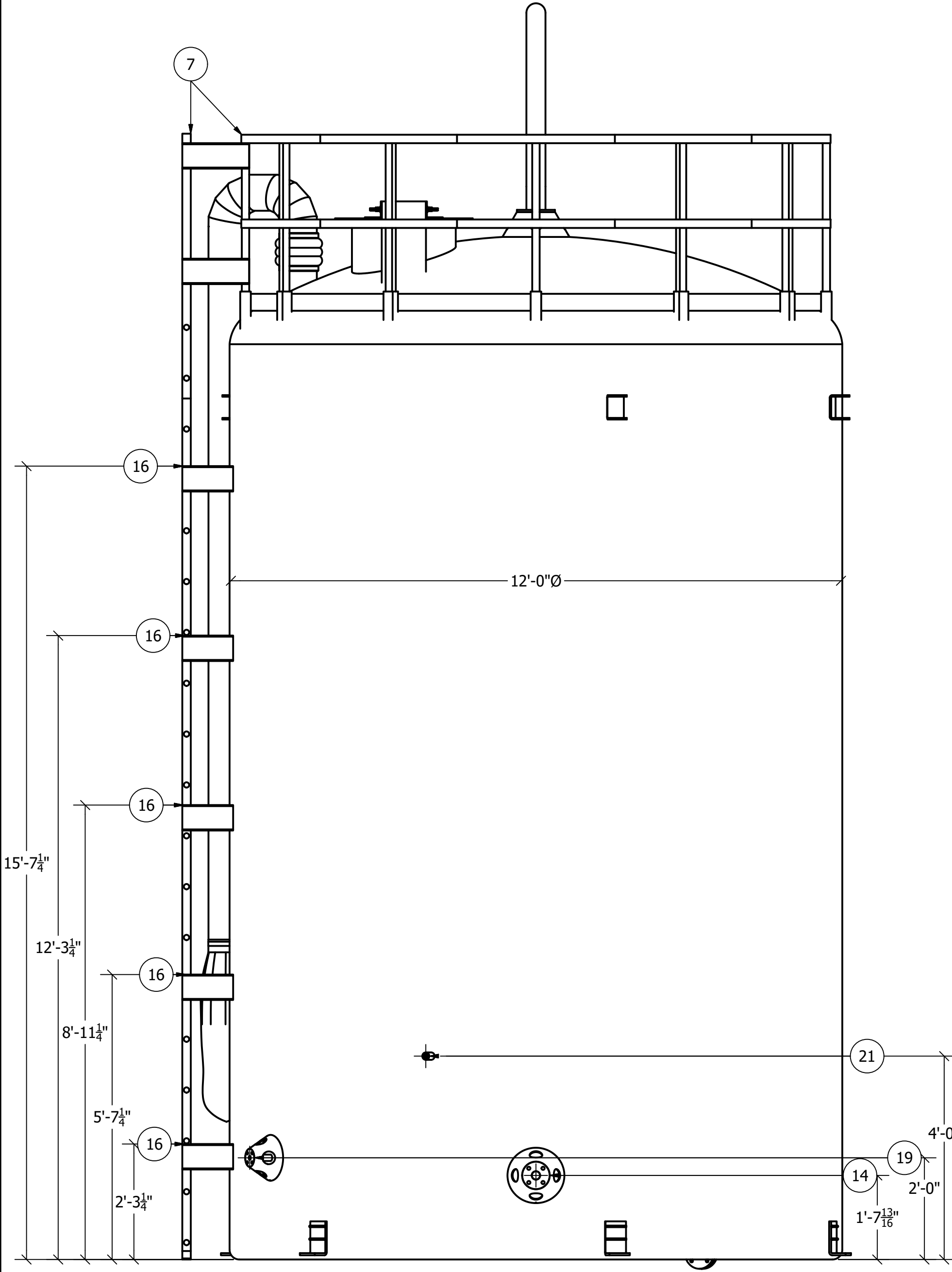
BOTTOM THICKNESS: 0.313" ="C" VEIL, (2) MAT,
CURE,
MAT, WOVEN, MAT, WOVEN, (2) MAT

HARDWARE TABLE:

TABLE					
MARK/PART	QTY	PART DETAILS	INSPECTED BY:	QUALITY CONTROL COUNT CHECK	BAGGED AND TAGGED (IF SHIPPED LOOSE)
316 SS NUTS,BOLTS,AND GASKETS BILL OF MATERIAL					
2	20	5/8"Ø BOLTS 3" LONG (FULLY THREADED)	INSPECTED BY:		
	40	5/8"Ø WASHERS	INSPECTED BY:		
	20	5/8"Ø LOCK WASHERS	INSPECTED BY:		
	20	5/8"Ø NUTS	INSPECTED BY:		
	1	1/8" EPDM GASKET (DRILLED PER ITEM "2" 24" 15 PSI MANWAY DRILLING PATTERN)	INSPECTED BY:		
3	1	1/2"Ø ALLTHREAD ROD 16" LONG (FULLY THREADED)	INSPECTED BY:		
	4	1/2"Ø NUTS	INSPECTED BY:		
	2	1/2"Ø WASHERS	INSPECTED BY:		
	1	316 S.S. PADLOCKABLE HASP (MCMASTER #1047A45)	INSPECTED BY:		
	1	PADLOCK (MCMASTER #1557A23)	INSPECTED BY:		
	1	1/8" EPDM GASKET (UNDRILLED)	INSPECTED BY:		
7	21	1/4"Ø BOLTS 3" LONG (FULLY THREADED)	INSPECTED BY:		
	42	1/4"Ø WASHERS	INSPECTED BY:		
	21	1/4"Ø LOCK WASHERS	INSPECTED BY:		
	21	1/4"Ø NUTS	INSPECTED BY:		
12	4	5/8"Ø BOLTS 3" LONG (FULLY THREADED)	INSPECTED BY:		
	8	5/8"Ø WASHERS	INSPECTED BY:		
	4	5/8"Ø LOCK WASHERS	INSPECTED BY:		
	4	5/8"Ø NUTS	INSPECTED BY:		
	1	1/8" EPDM GASKET (DRILLED PER ITEM "12" 3" 150# FLANGE DRILLING PATTERN)	INSPECTED BY:		
15	4	3/8"Ø BOLTS 2" LONG (FULLY THREADED)	INSPECTED BY:		
	8	3/8"Ø WASHERS	INSPECTED BY:		
	4	3/8"Ø LOCK WASHERS	INSPECTED BY:		
	4	3/8"Ø NUTS	INSPECTED BY:		
16	20	3/8"Ø BOLTS 2" LONG (FULLY THREADED)	INSPECTED BY:		
	40	3/8"Ø WASHERS	INSPECTED BY:		
	20	3/8"Ø LOCK WASHERS	INSPECTED BY:		
	20	3/8"Ø NUTS	INSPECTED BY:		
17 & 18	8	10-32Ø BOLTS 1" LONG (FULLY THREADED)	INSPECTED BY:		
	16	10-32Ø WASHERS	INSPECTED BY:		
	8	10-32Ø LOCK WASHERS	INSPECTED BY:		
	8	10-32Ø NUTS	INSPECTED BY:		



BILL OF MATERIAL					TABLE			QUALITY CONTROL	ELEV. CHECK	DIMENSIONAL CHECK
ITEM	SIZE	TYPE	QTY.	DESCRIPTION	INSPECTED BY:	DEG. CHECK	ELEV. CHECK	DIMENSIONAL CHECK		
1	5"Ø	PS15-69 FLANGE W/ CONICAL GUSSET	1	SALT INLET (UNDRILLED)	INSPECTED BY:			(welds, length, size)		
2	24"Ø	15 PSI MANWAY	1	SIDE ACCESS HATCH	INSPECTED BY:					
3	24"Ø	SHOP FAB. 1/2" THICK UNDRILLED HINGED MANWAY	1	HINGED MANWAY W/ 6"x6" 1/2" THICK STEEL PLATE ENCAPSULATED IN FIBERGLASS & PADLOCK HASP. HASP HAS (2"±) OF TRAVEL FOR VETNING	INSPECTED BY:					
4	1-1/2"Ø	FNPT FULL COUPLING	1	WATER INLET	INSPECTED BY:					
5	2"Ø	150# FLANGE W/ CONICAL GUSSET	1	BRINE OUTLET	INSPECTED BY:					
6	8"Ø	GOOSENECK, DUCT, FLEX, AND DUST BAG	1	DUST COLLECTION SYSTEM ASSEMBLY	INSPECTED BY:					
7	...	LADDER & HANDRAIL	1	LADDER & HAND RAIL	INSPECTED BY:					
8	4"Ø	304 S.S. SALT UNLOADED PIPE & CAM LOCK CAP & DISCONNECT	1	304 S.S. SALT UNLOADING PIPE ASSEMBLY	INSPECTED BY:					
9	...	COLLECTION SYSTEM	1	PVC BRINE COLLECTION SYSTEM	INSPECTED BY:					
10	1-1/4"	INTERNAL WATER RING	1	1-1/4" INTERNAL PVC WATER INLET RING W/ 3/16" HOLES POINTED INWARD	INSPECTED BY:					
11	1"Ø	150# FLANGE W/ CONICAL GUSSET	1	WATER LEVEL TRANSDUCER ASSEMBLY CONNECTION	INSPECTED BY:					
12	3"Ø	150# FLANGE W/ CONICAL GUSSET & COVER	1	FULL DRAIN	INSPECTED BY:					
13	...	HOLD DOWN LUGS	6	316 S.S. HOLD DOWN LUGS	INSPECTED BY:					
14	...	LIFTING LUGS	4	316 S.S. LIFTING POINTS	INSPECTED BY:					
15	4"x6"x1/2"	FRP TABS	2	FRP PIPE SUPPORT FOR DUST COLLECTION SYSTEM ASSEMBLY	INSPECTED BY:					
16	6"x6"x1/2"	FRP TABS	10	LADDER SUPPORT TABS	INSPECTED BY:					
17	4"12"x1/8"	PHENOLIC SIGN & ANGLE BRACKET	1	TANK DESIGNATION SIGN	INSPECTED BY:					
18	8-1/2"x11"	PERRY NAME PLATE & ANGLE BRACKET	1	PERRY NAME PLATE & ANGLE BRACKET	INSPECTED BY:					



377 WOODLAND AVENUE
ELYRIA, OHIO 44035

PHONE: 321-609-9036
FAX: 321-609-9003
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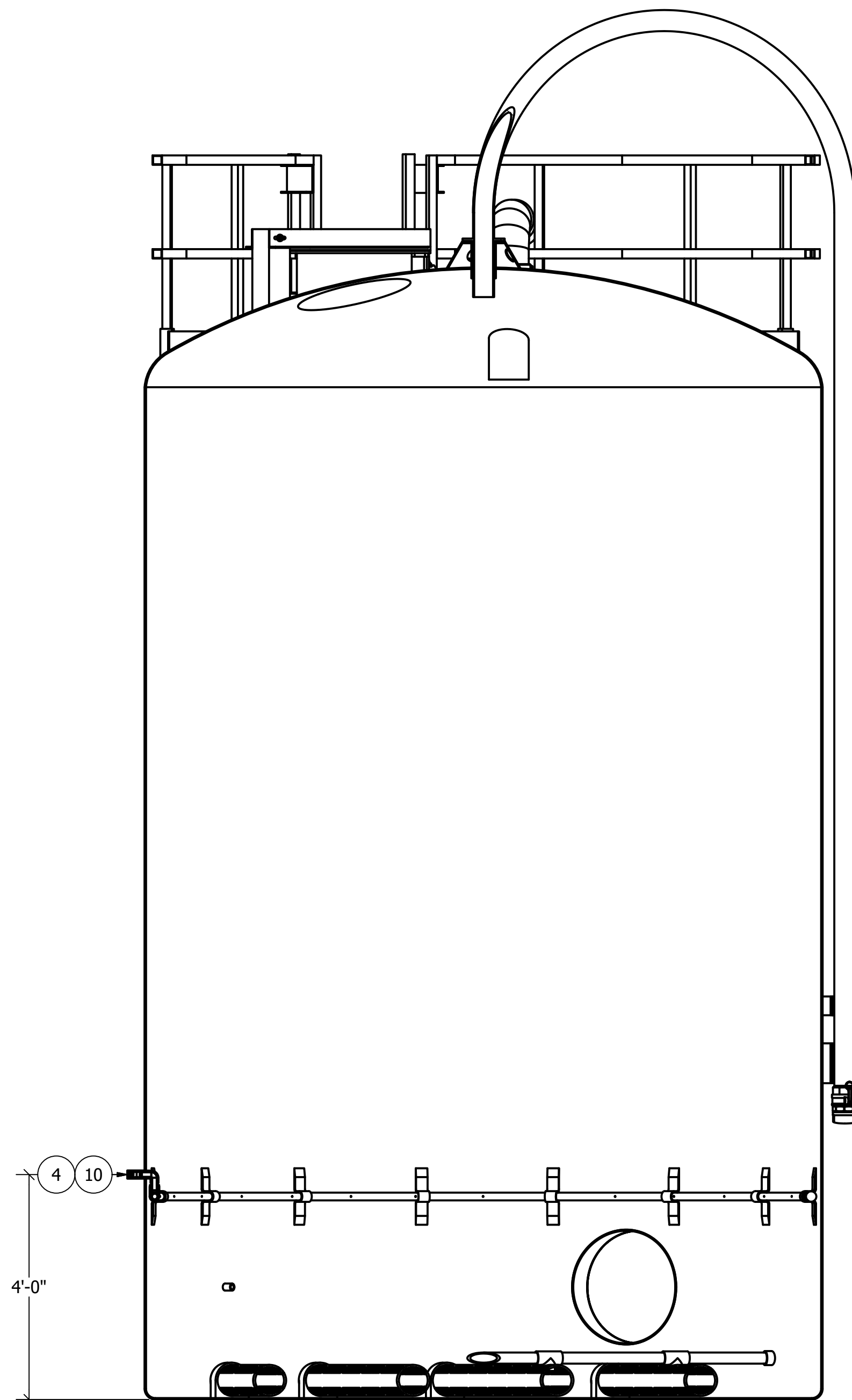
JONES COUNTY WTF
SODIUM CHLORIDE BRINE TANK
PLAN & ELEVATION VIEWS

DRAWING SCALE:
DRAWN BY DATE:
JKJ/08APR2020
DESIGNED BY:

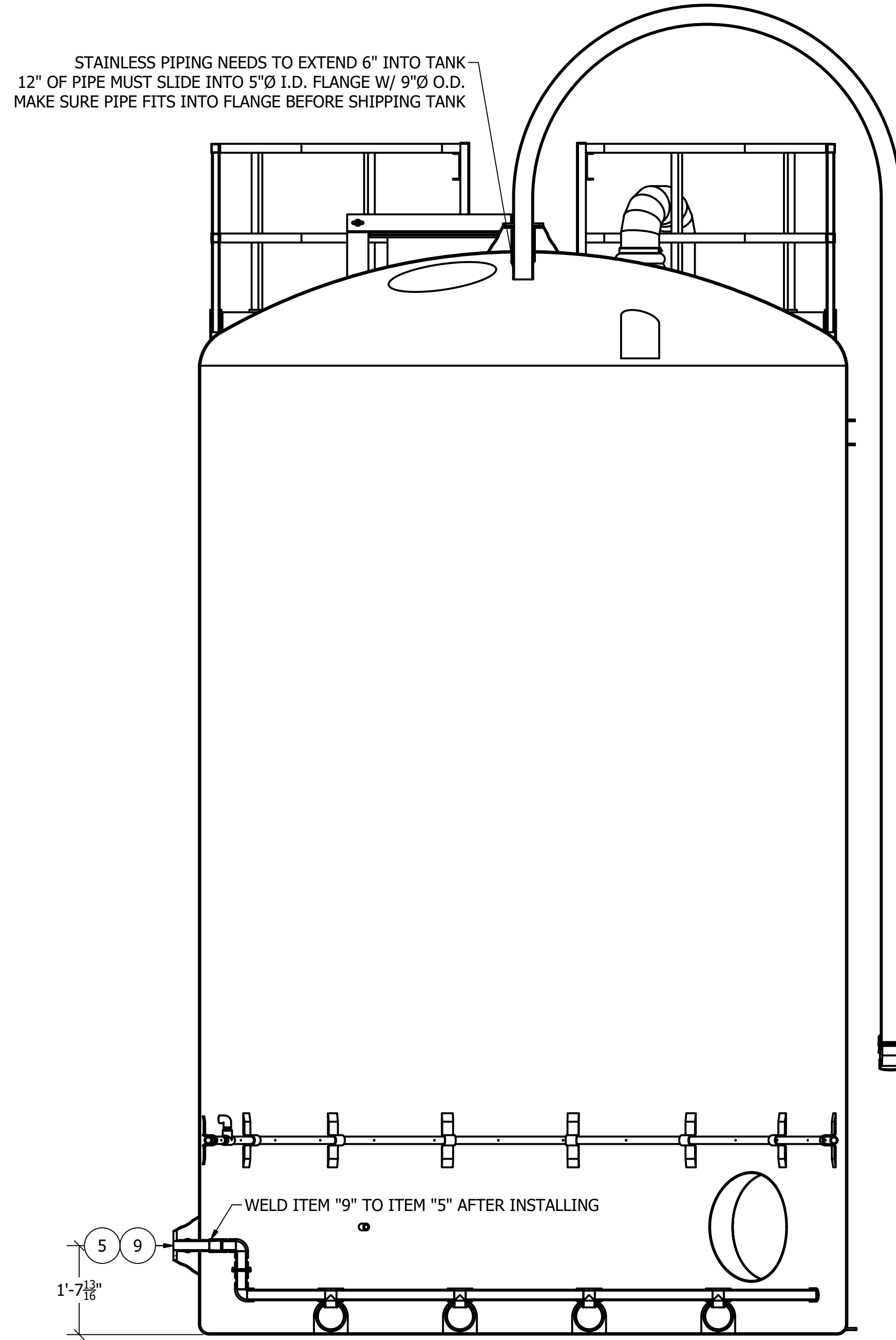
PERRY PROJECT #:
8486-ST
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J. JACOBS

SHEET SIZE:
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REVISION:
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DRAWING #:
M2

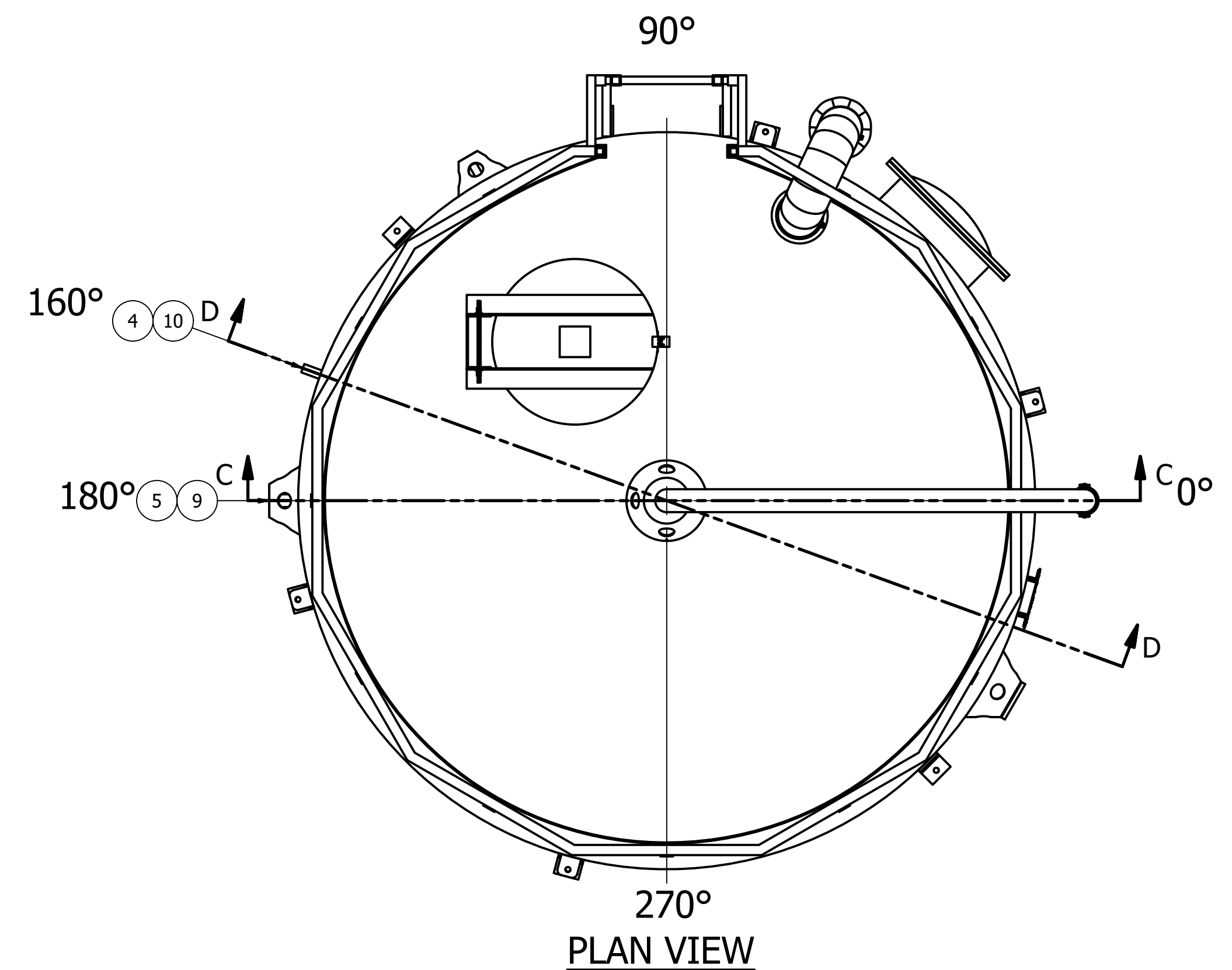
BILL OF MATERIAL					TABLE			QUALITY CONTROL		
ITEM	SIZE	TYPE	QTY.	DESCRIPTION			DEG. CHECK	ELEV. CHECK	DIMENSIONAL CHECK (welds, length, size)	
1	5"Ø	PS15-69 FLANGE W/ CONICAL GUSSET	1	SALT INLET (UNDRILLED)			INSPECTED BY:			
2	24"Ø	15 PSI MANWAY	1	SIDE ACCESS HATCH			INSPECTED BY:			
3	24"Ø	SHOP FAB. 1/2" THICK UNDRILLED HINGED MANWAY	1	HINGED MANWAY W/ 6"x6" 1/2" THICK STEEL PLATE ENCAPSULATED IN FIBERGLASS & PADLOCK HASP. HASP HAS (2"±) OF TRAVEL FOR VETNING			INSPECTED BY:			
4	1-1/2"Ø	FNPT FULL COUPLING	1	WATER INLET			INSPECTED BY:			
5	2"Ø	150# FLANGE W/ CONICAL GUSSET	1	BRINE OUTLET			INSPECTED BY:			
6	8"Ø	GOOSENECK, DUCT, FLEX, AND DUST BAG	1	DUST COLLECTION SYSTEM ASSEMBLY			INSPECTED BY:			
7	...	LADDER & HANDRAIL	1	LADDER & HAND RAIL			INSPECTED BY:			
8	4"Ø	304 S.S. SALT UNLOADED PIPE & CAM LOCK CAP & DISCONNECT	1	304 S.S. SALT UNLOADING PIPE ASSEMBLY			INSPECTED BY:			
9	...	COLLECTION SYSTEM	1	PVC BRINE COLLECTION SYSTEM			INSPECTED BY:			
10	1-1/4"	INTERNAL WATER RING	1	1-1/4" INTERNAL PVC WATER INLET RING W/ 3/16" HOLES POINTED INWARD			INSPECTED BY:			
11	1"Ø	150# FLANGE W/ CONICAL GUSSET	1	WATER LEVEL TRANSDUCER ASSEMBLY CONNECTION			INSPECTED BY:			
12	3"Ø	150# FLANGE W/ CONICAL GUSSET & COVER	1	FULL DRAIN			INSPECTED BY:			
13	...	HOLD DOWN LUGS	6	316 S.S. HOLD DOWN LUGS			INSPECTED BY:			
14	...	LIFTING LUGS	4	316 S.S. LIFTING POINTS			INSPECTED BY:			
15	4"x6"x1/2"	FRP TABS	2	FRP PIPE SUPPORT FOR DUST COLLECTION SYSTEM ASSEMBLY			INSPECTED BY:			
16	6"x6"x1/2"	FRP TABS	10	LADDER SUPPORT TABS			INSPECTED BY:			
17	4"12"x1/8"	PHENOLIC SIGN & ANGLE BRACKET	1	TANK DESIGNATION SIGN			INSPECTED BY:			
18	8-1/2"x11"	PERRY NAME PLATE & ANGLE BRACKET	1	PERRY NAME PLATE & ANGLE BRACKET			INSPECTED BY:			



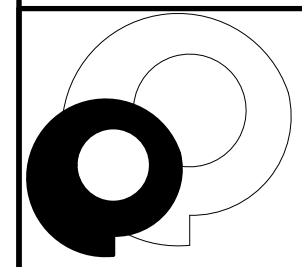
SECTION D-D



SECTION C-C



PLAN VIEW



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SODIUM CHLORIDE BRINE TANK

PLAN & INTERNAL ELEVATIONS VIEWS

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PERRY PROJECT #:

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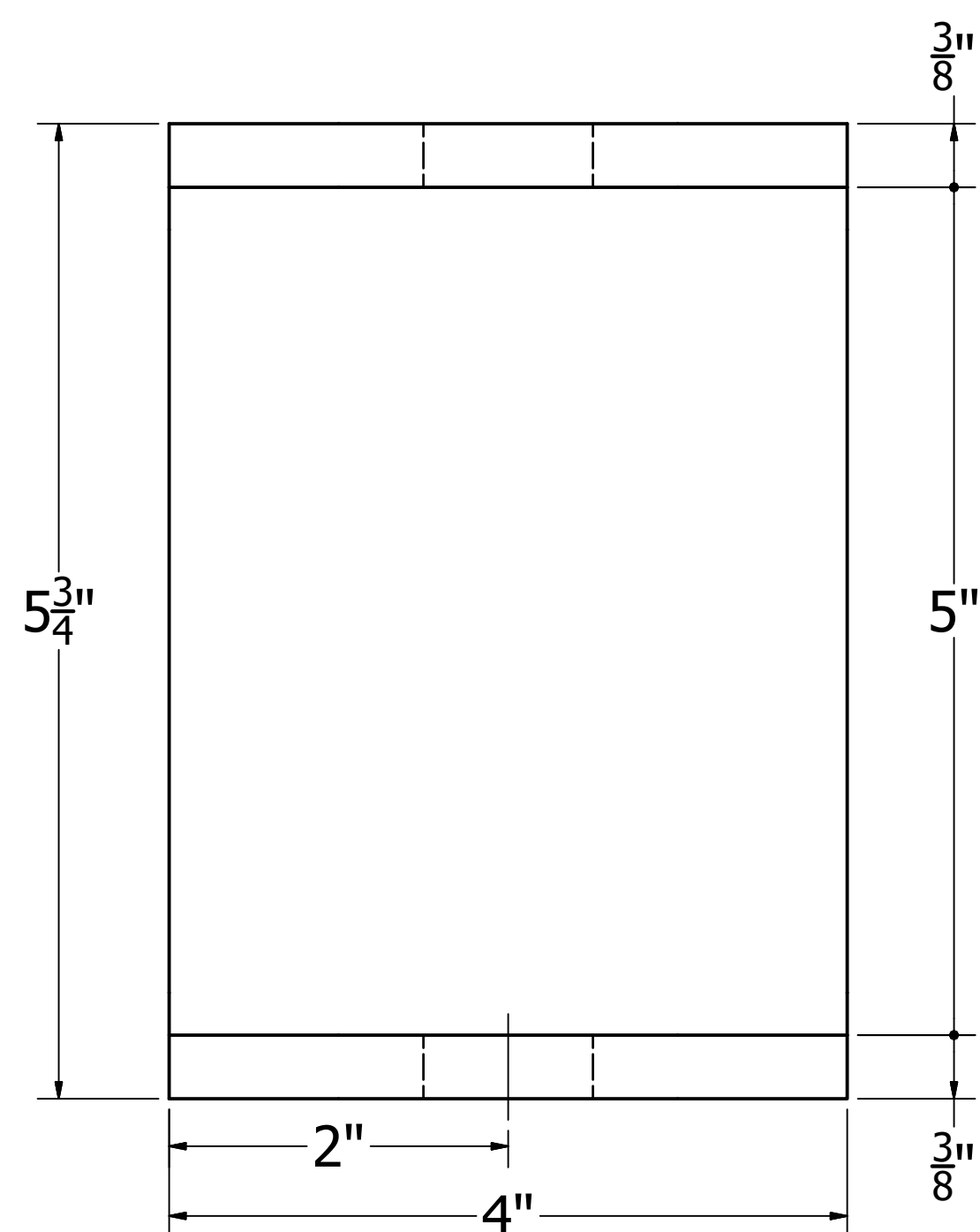
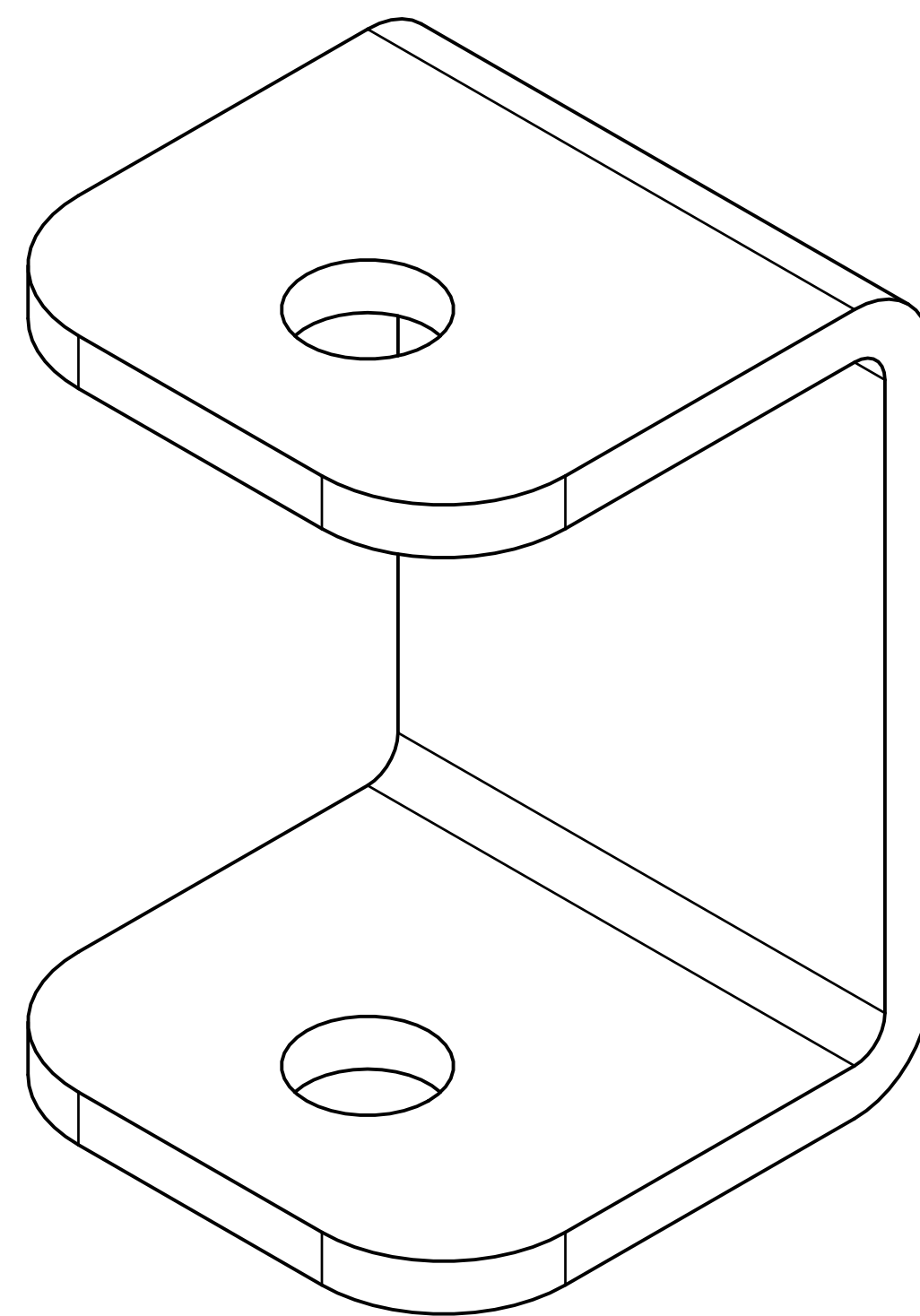
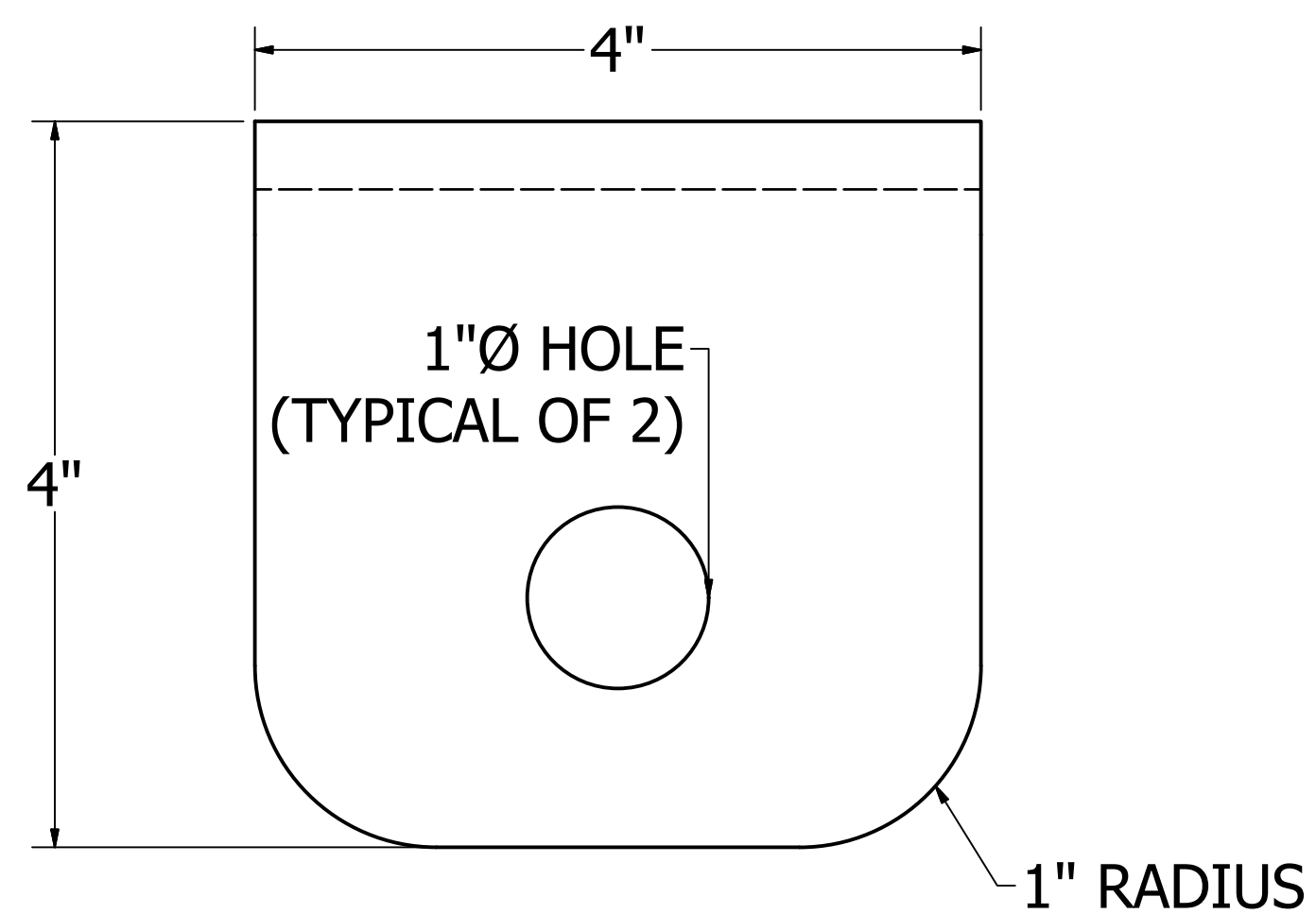
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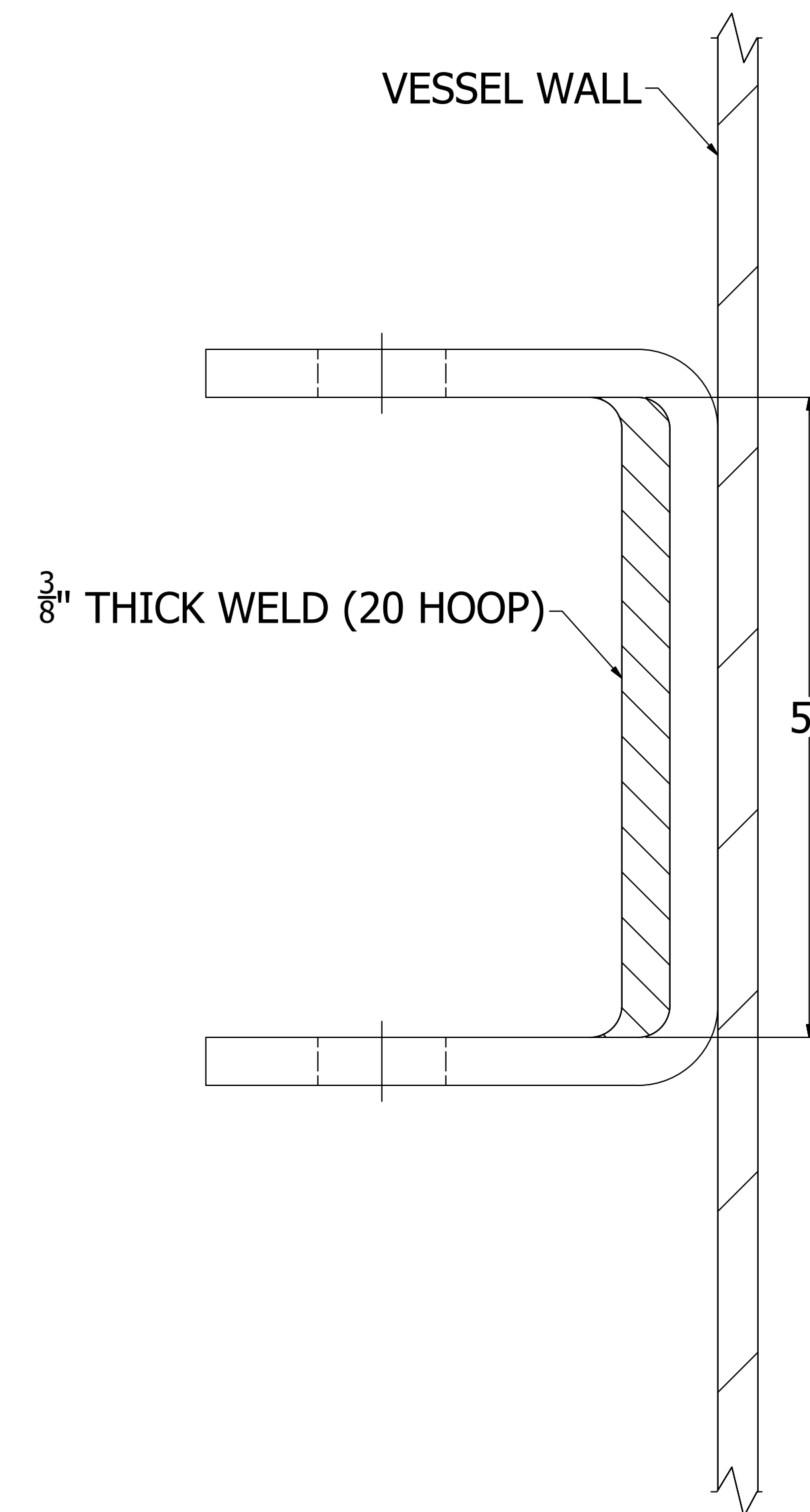
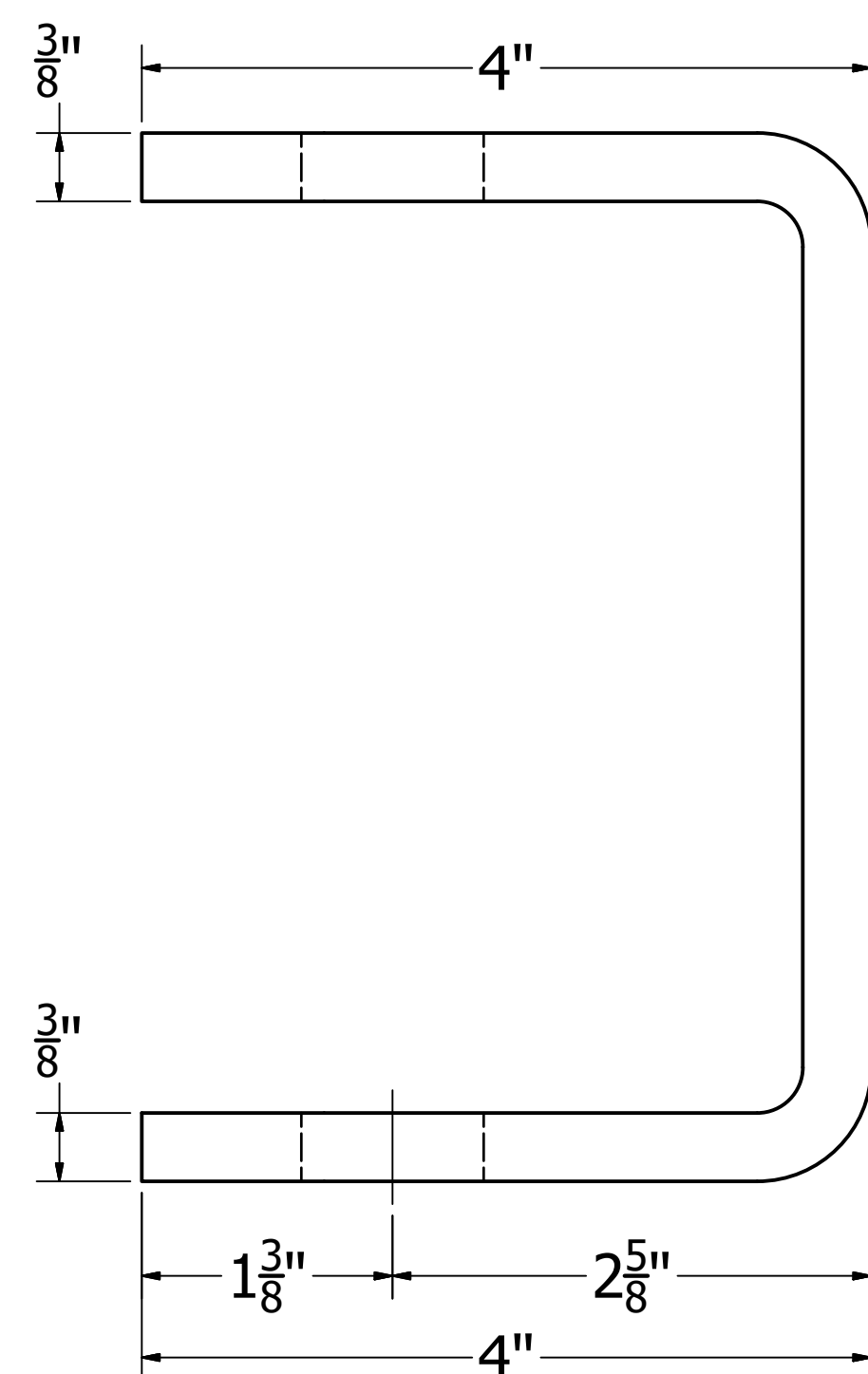
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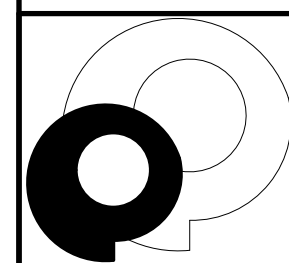
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ITEM "14" 316 S.S. "C" TYPE LIFTING LUG DETAIL



ITEM "14" 316 S.S. LIFTING LUG DETAIL



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LIFTING LUG DETAILS

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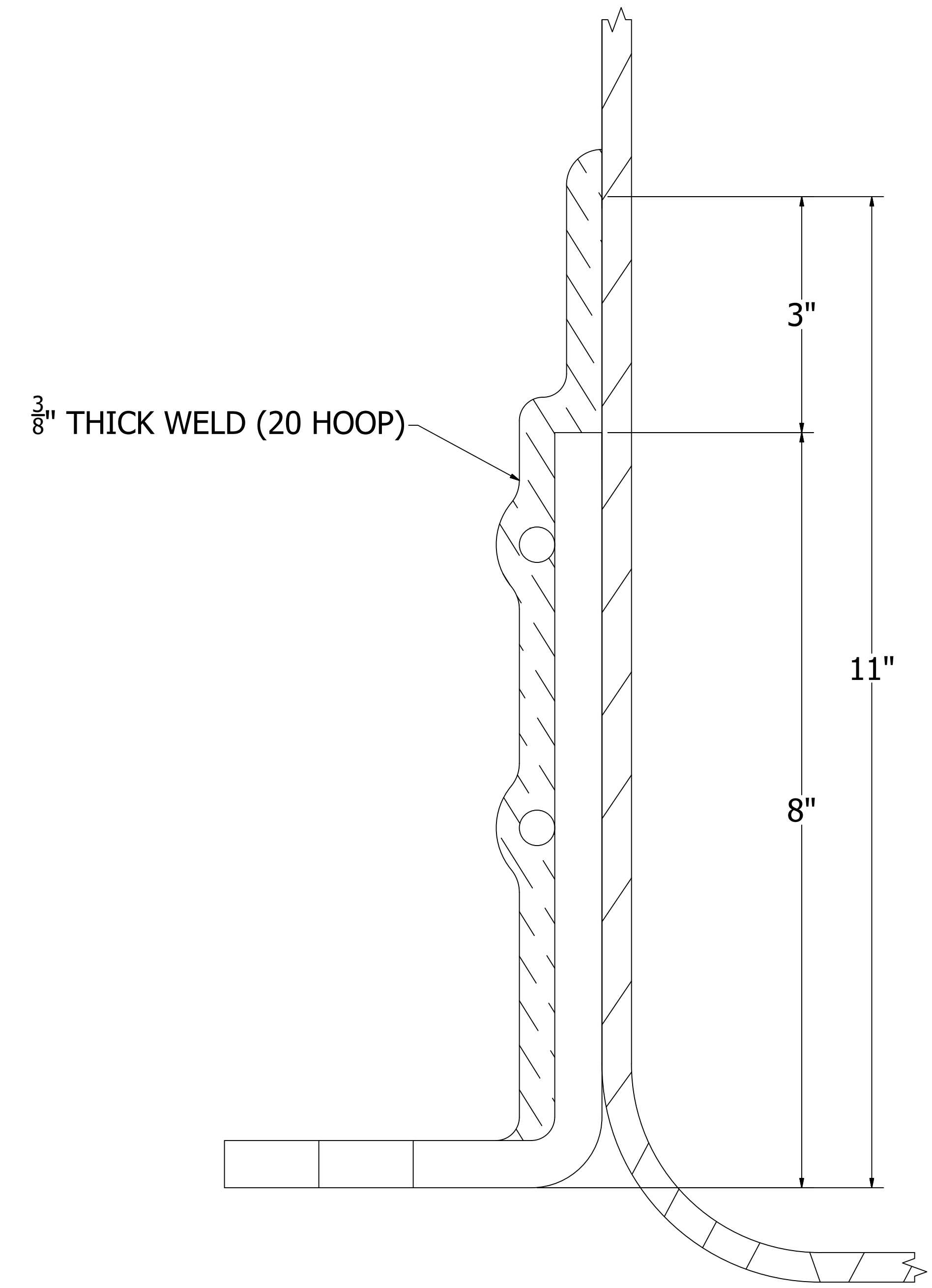
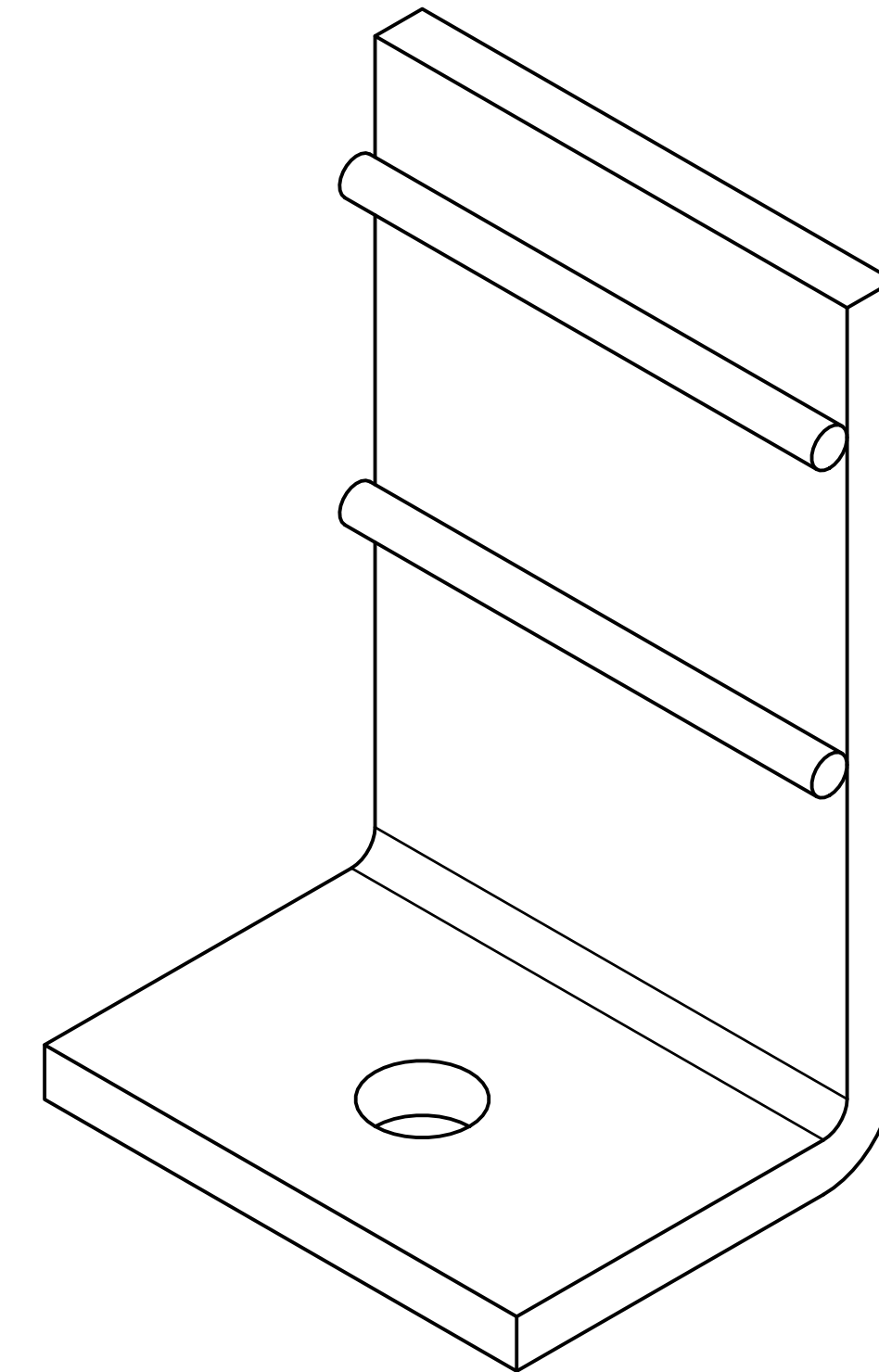
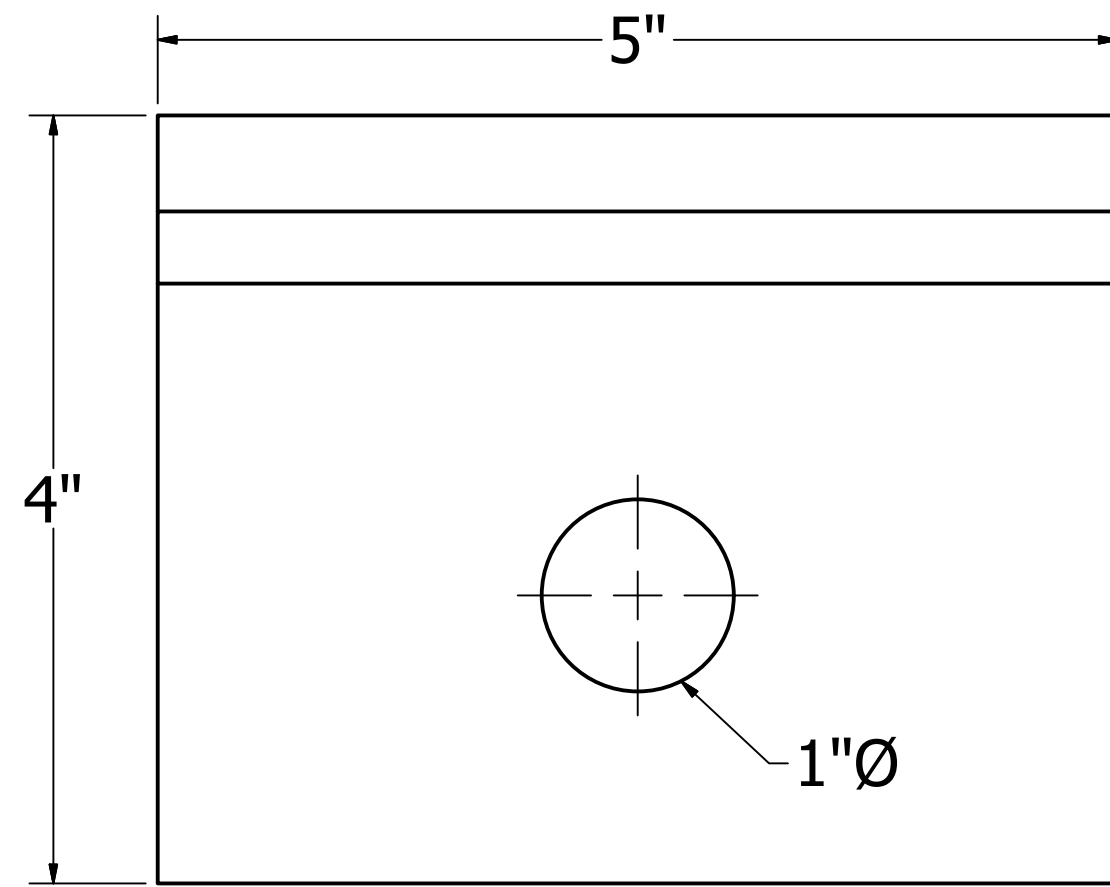
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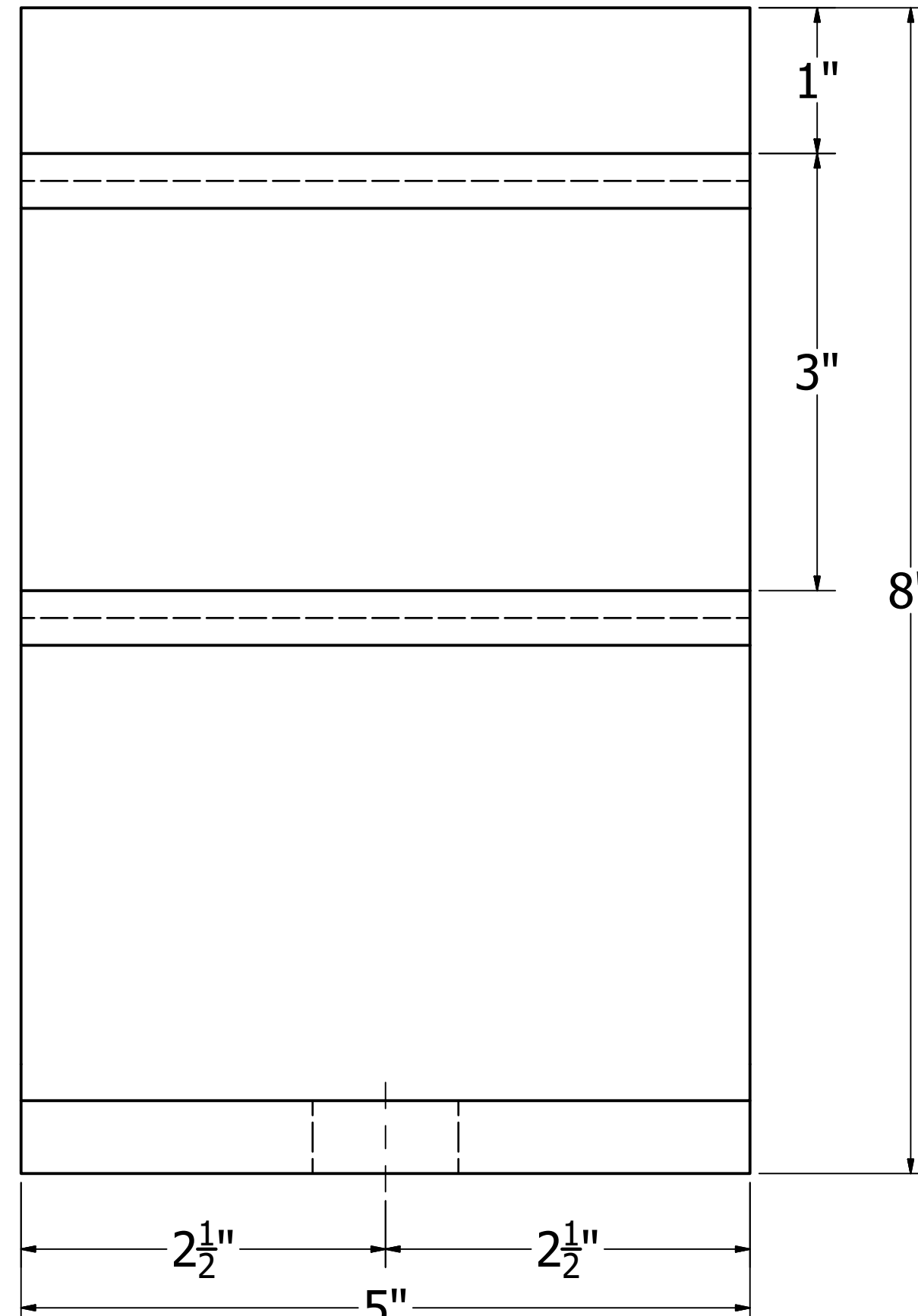
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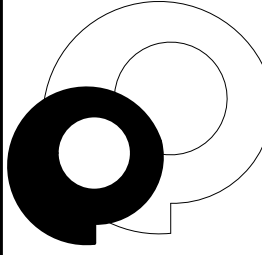
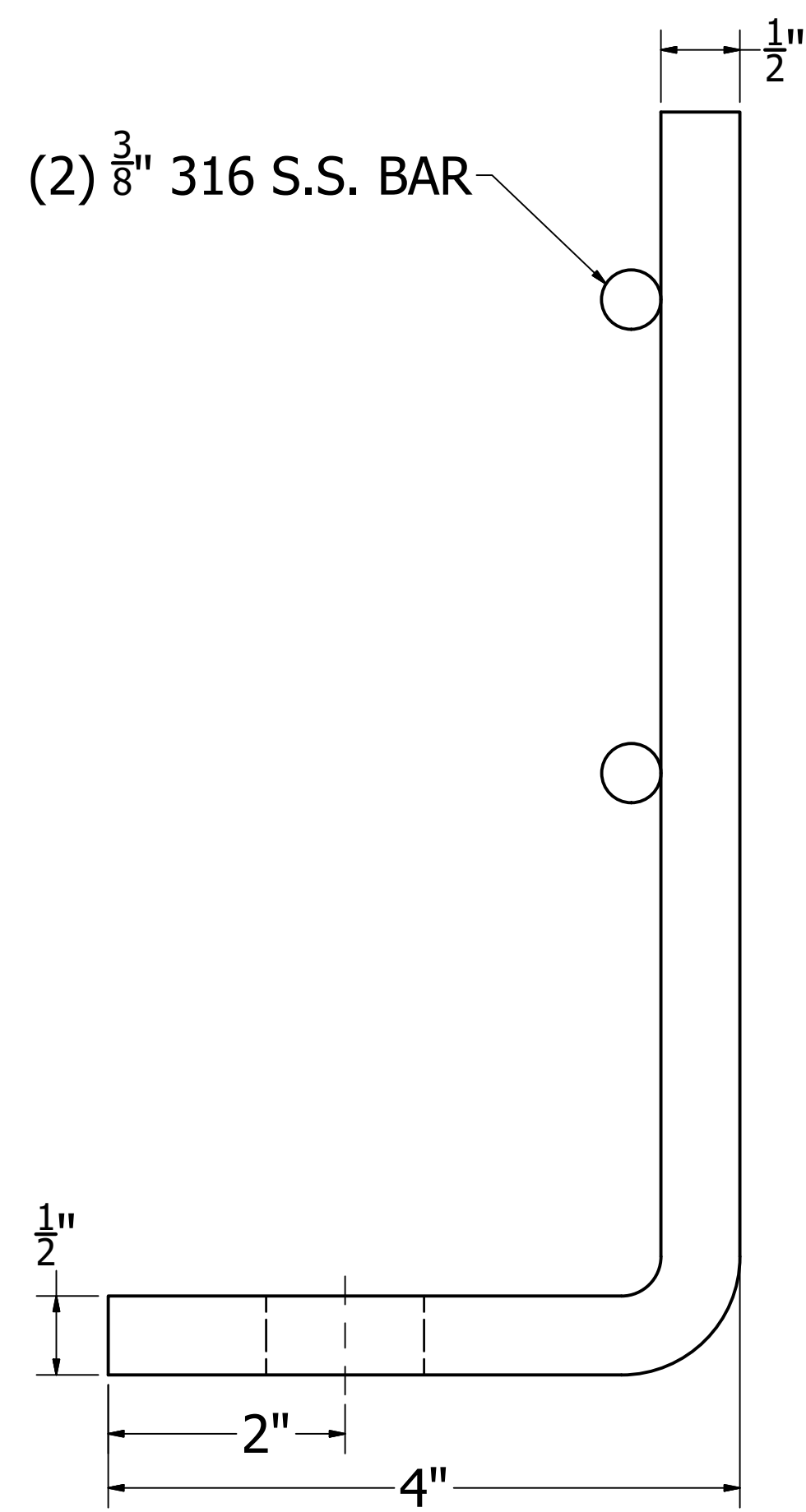
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ITEM "13" 316 S.S. HOLD DOWN LUG OVERWIND DETAIL



ITEM "13" 316 S.S. HOLD DOWN LUG DETAIL



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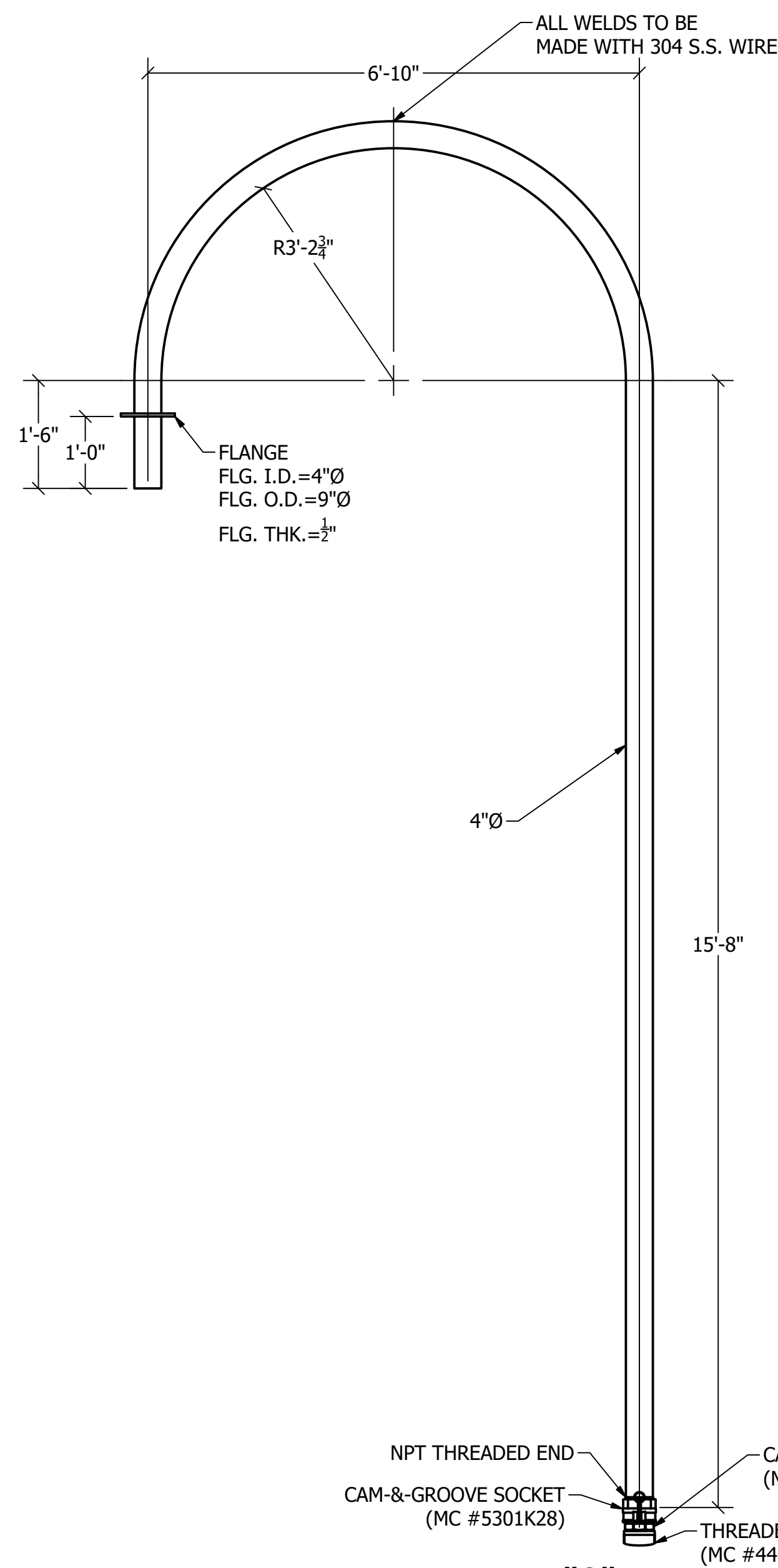
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HOLD DOWN LUG DETAILS

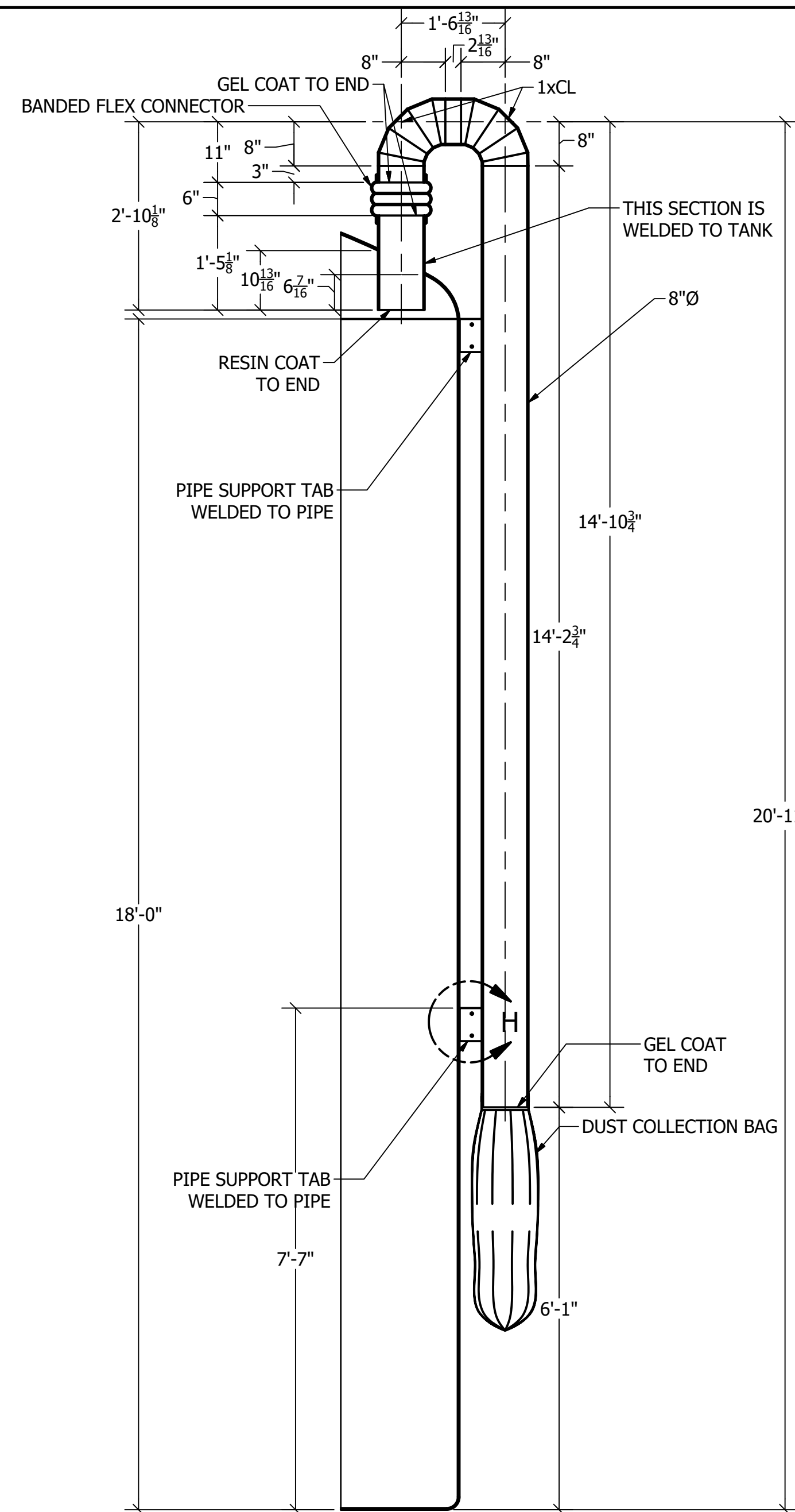
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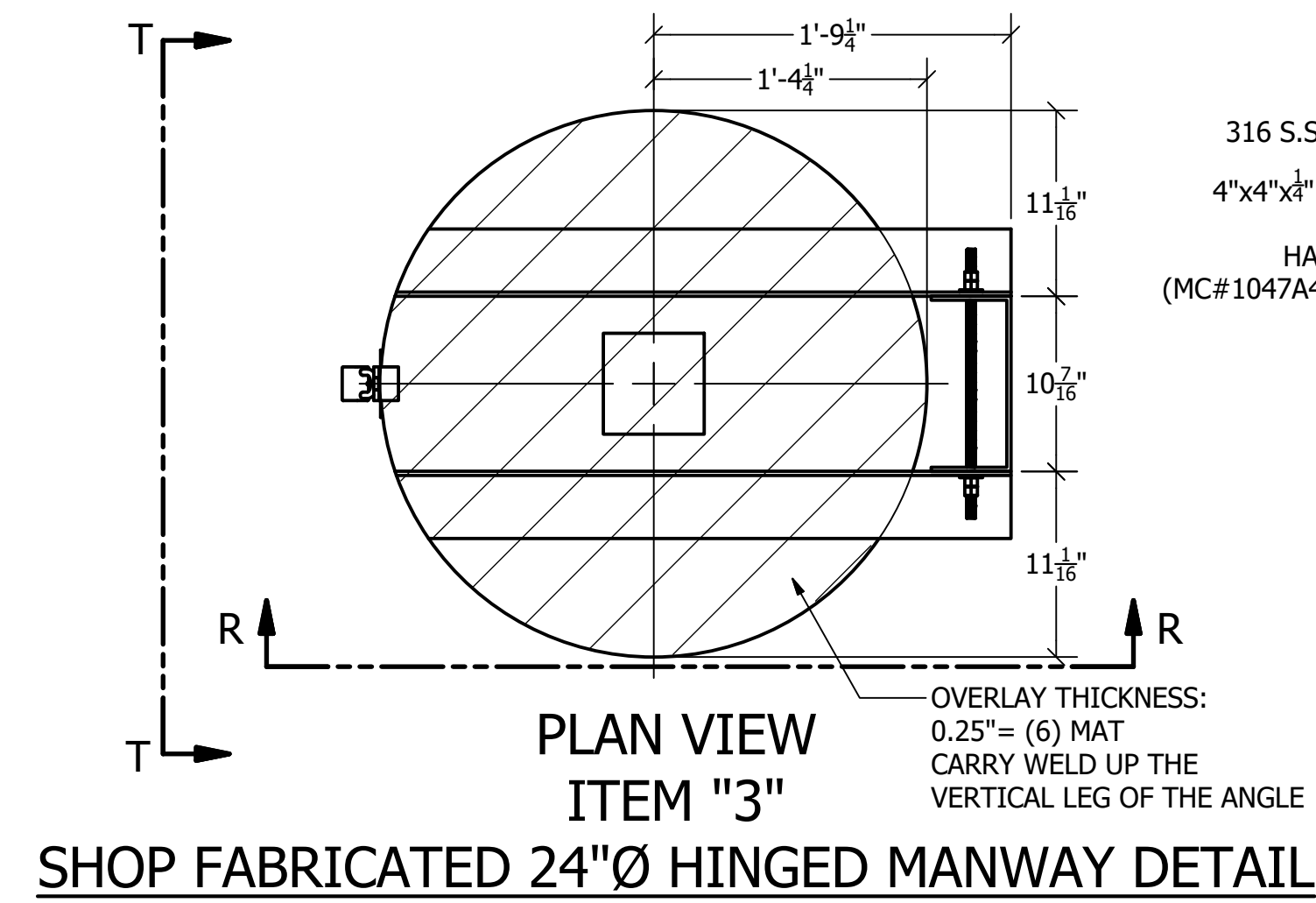
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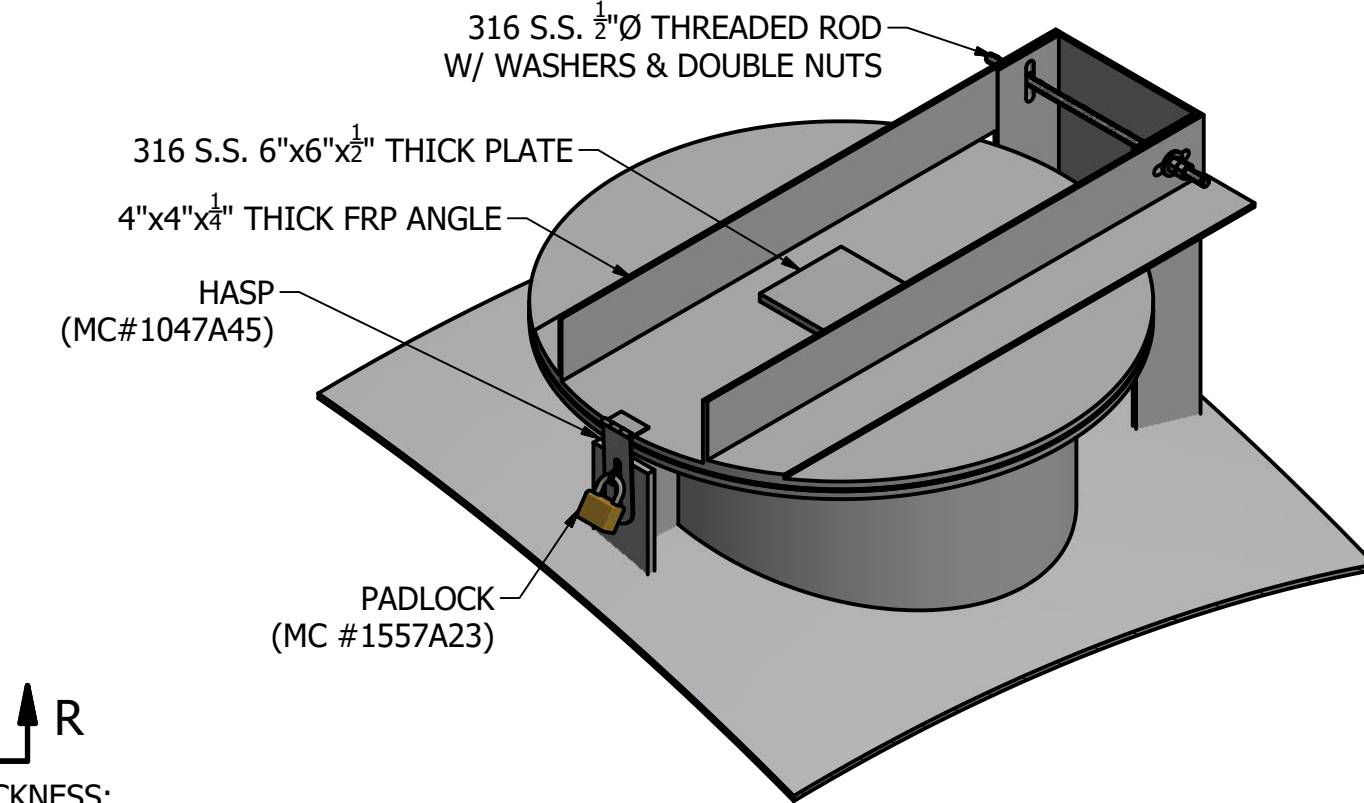
ITEM "8"
304 S.S. SALT FILL PIPE DETAIL



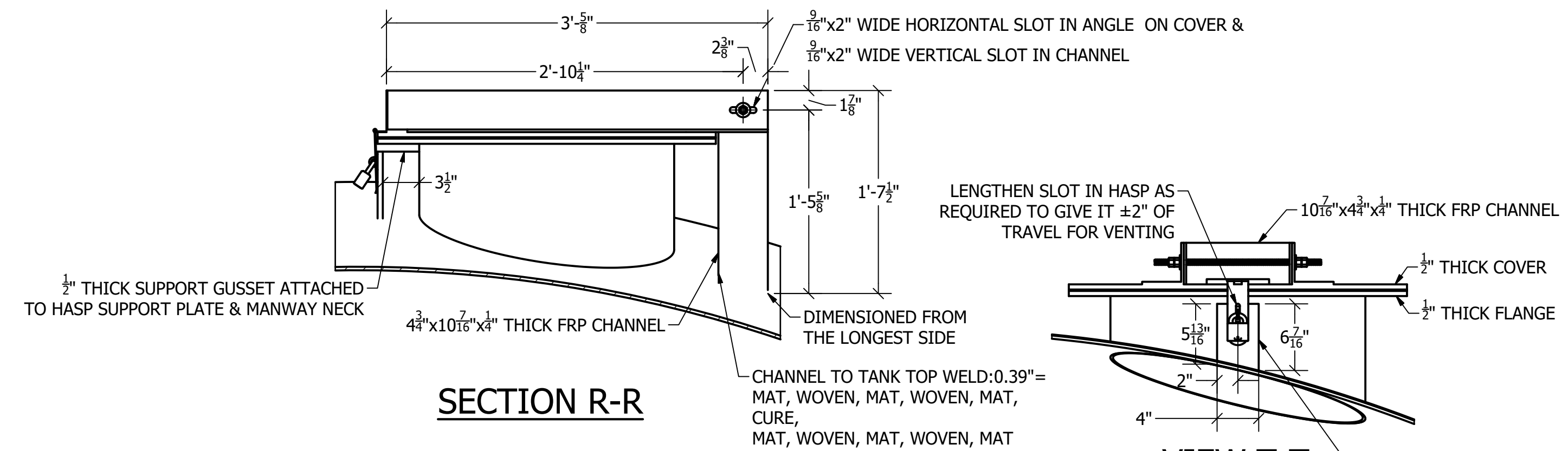
ITEM "6"
DUST COLLECTION SYSTEM ASSEMBLY DETAIL



ITEM "3"
SHOP FABRICATED 24"Ø HINGED MANWAY DETAIL

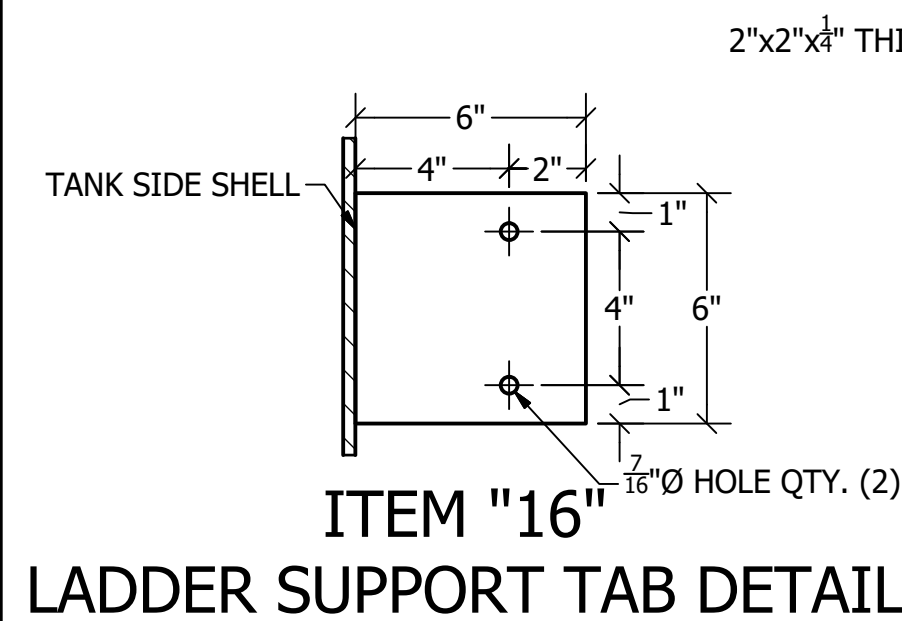
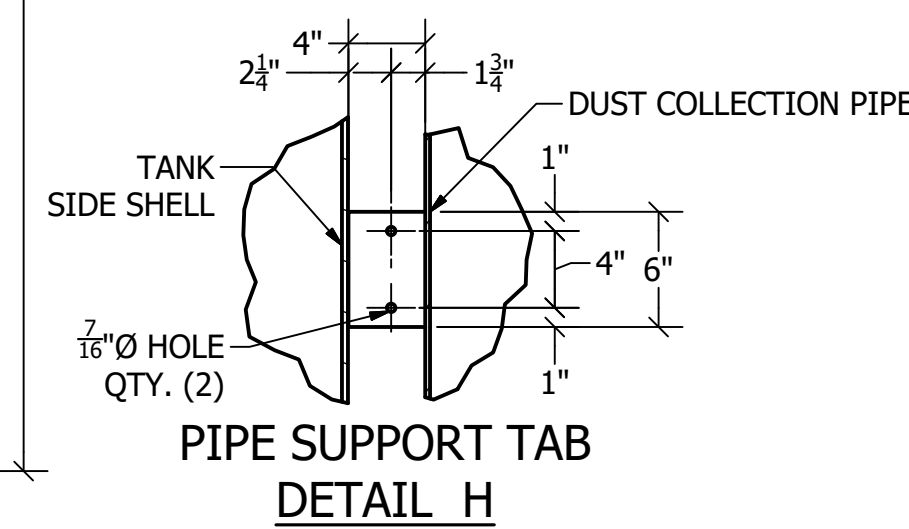


ITEM "3" ISOMETRIC VIEW

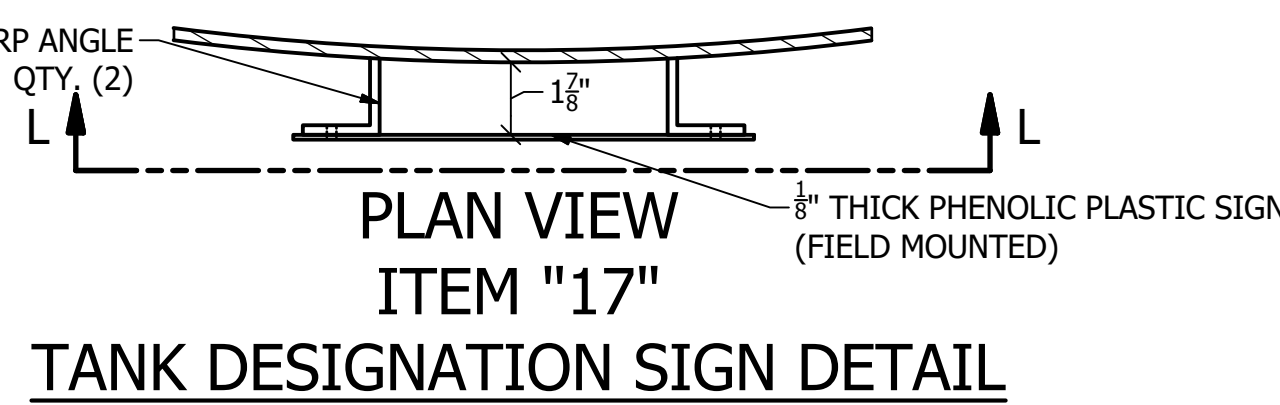


SECTION R-R

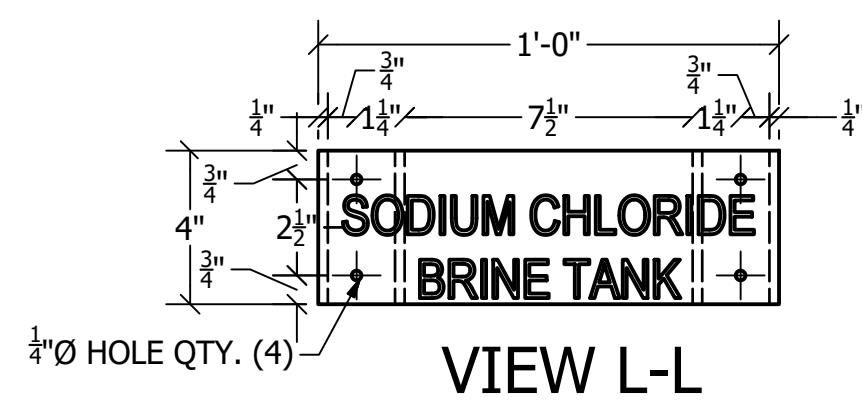
VIEW T-T



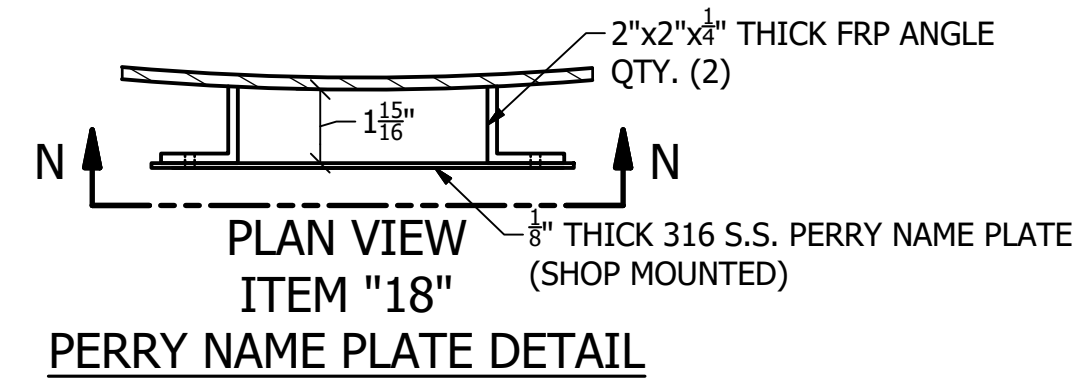
ITEM "16"
LADDER SUPPORT TAB DETAIL



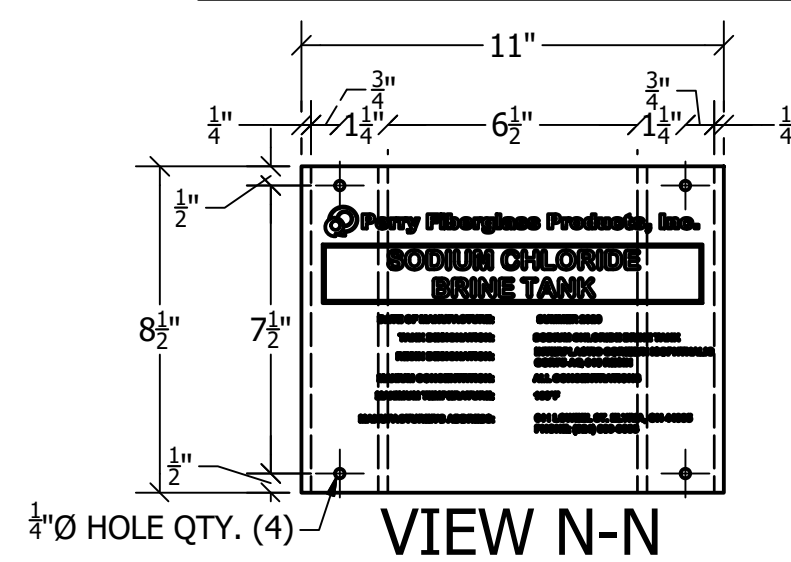
ITEM "17"
TANK DESIGNATION SIGN DETAIL



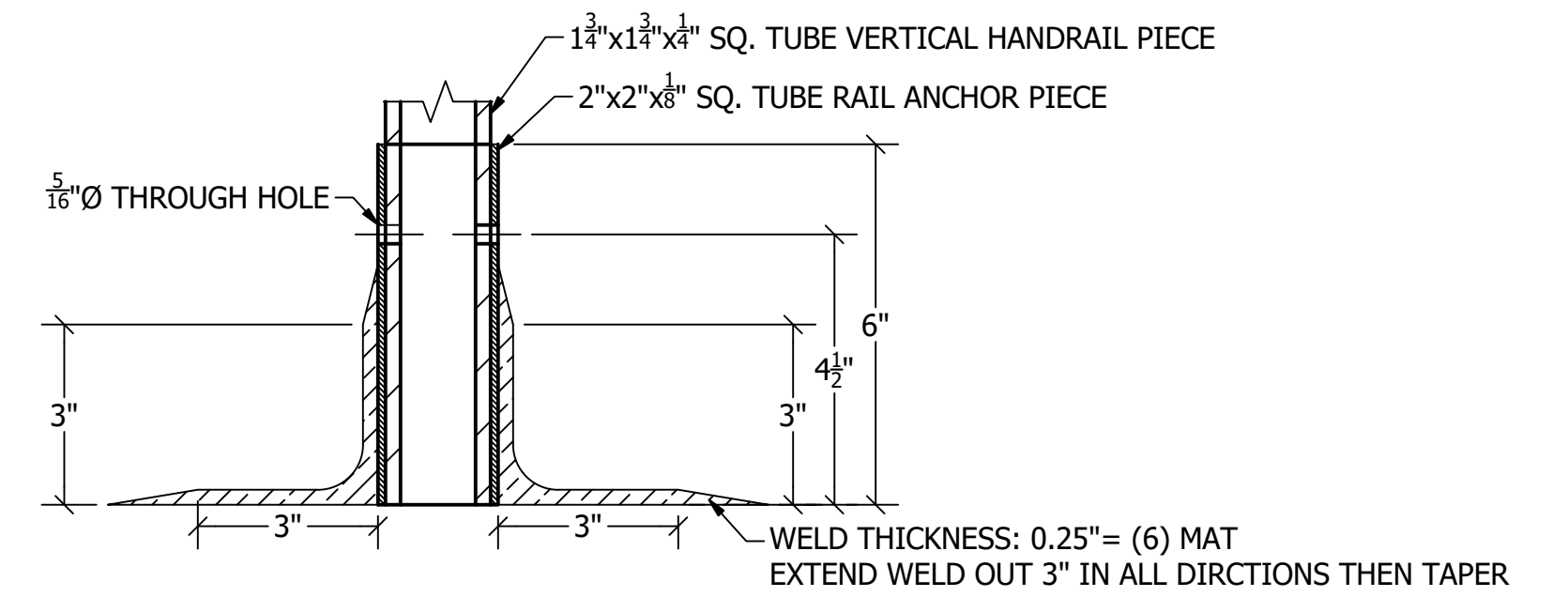
VIEW L-L



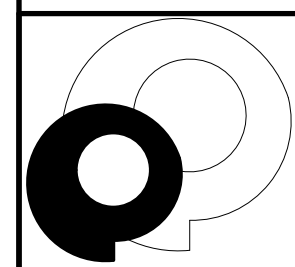
ITEM "18"
PERRY NAME PLATE DETAIL



VIEW N-N



ITEM "7" HANDRAIL TO TANK TOP WELD DETAIL



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SODIUM CHLORIDE BRINE TANK

TANK DETAILS

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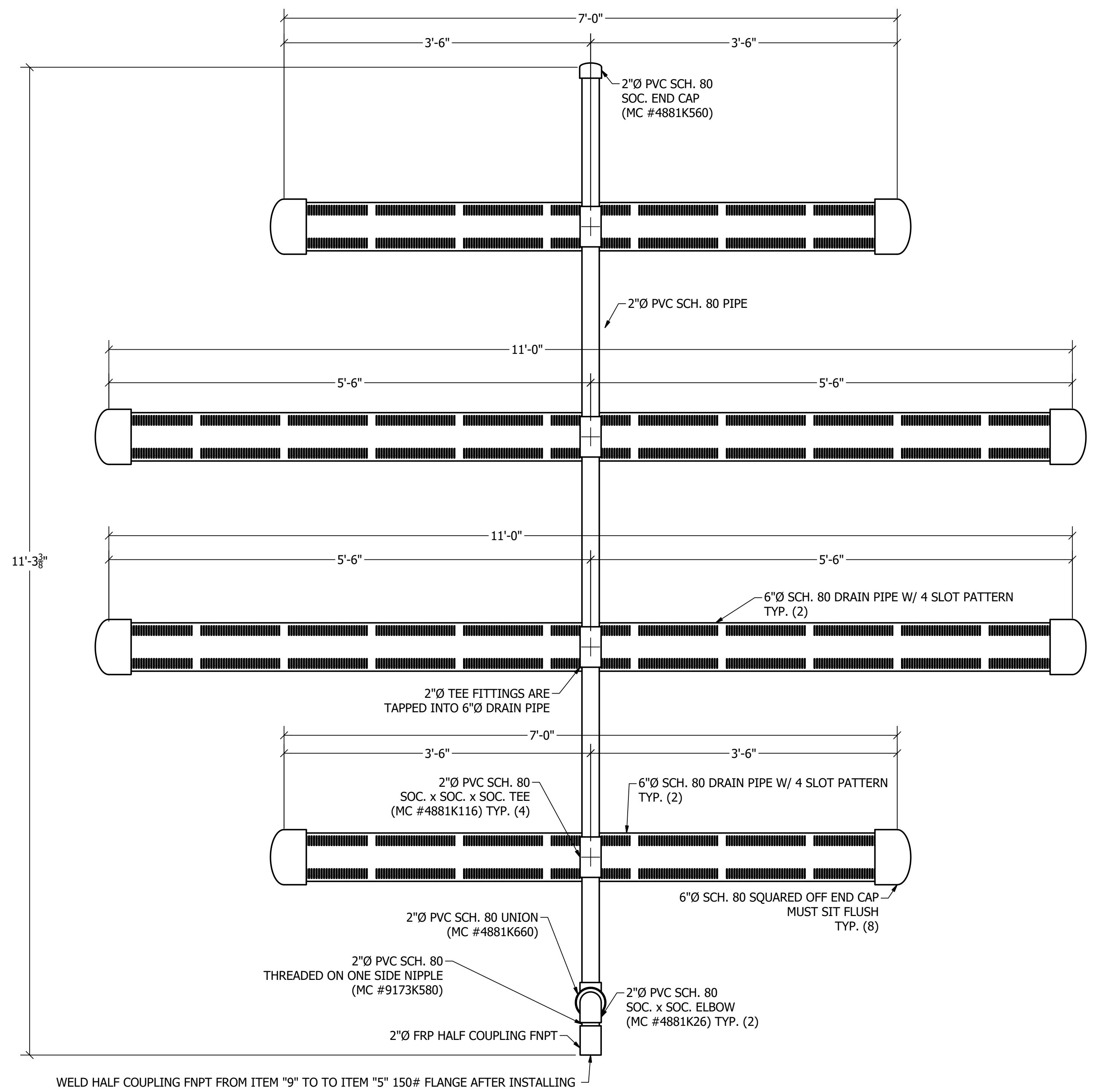
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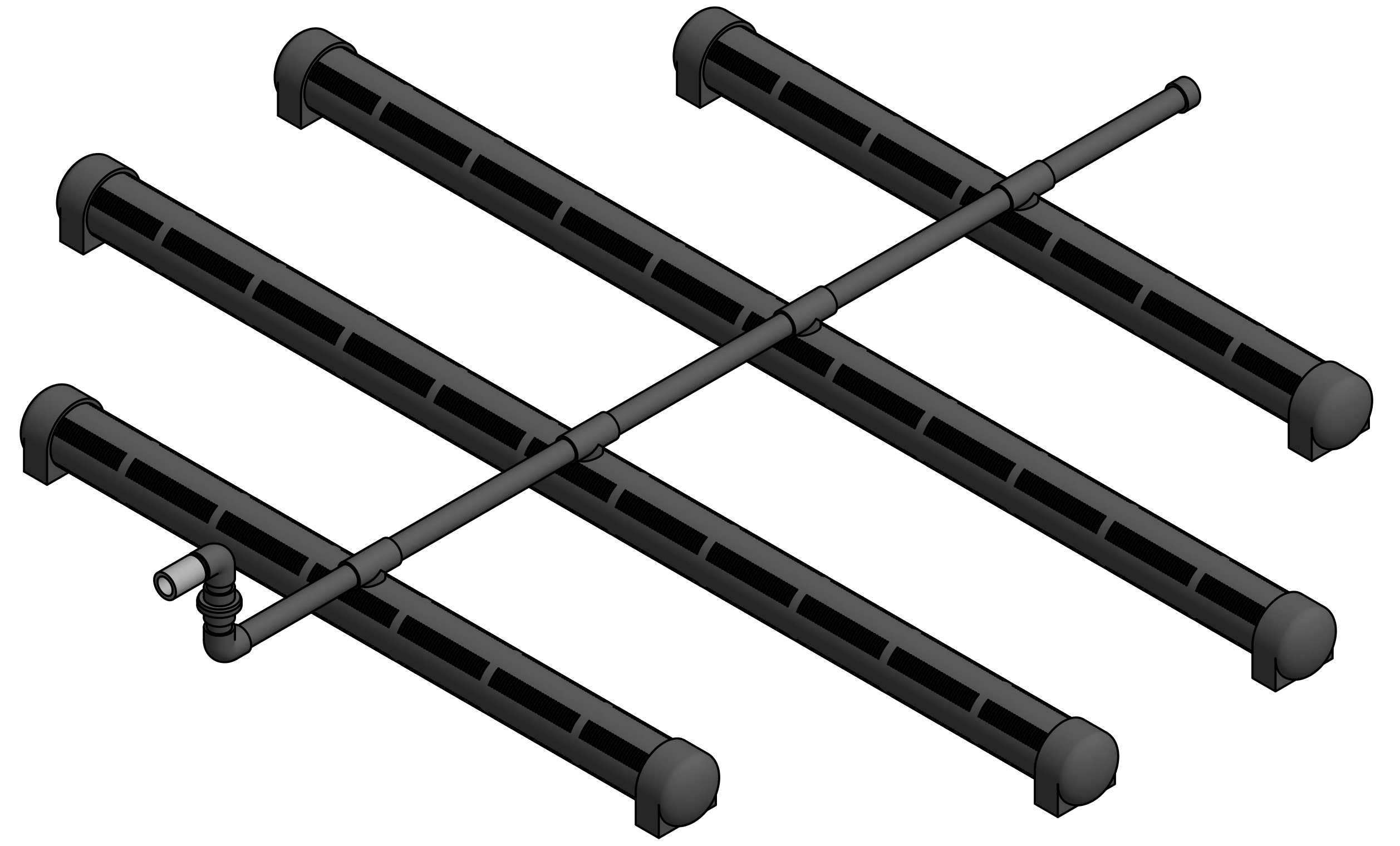
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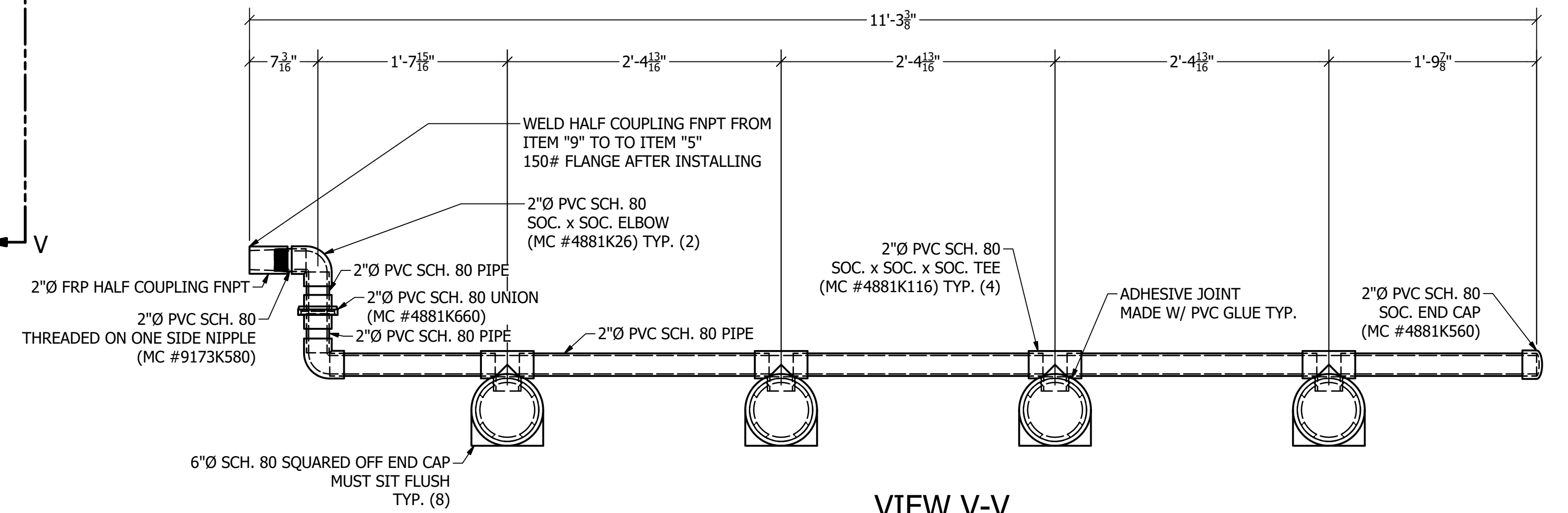
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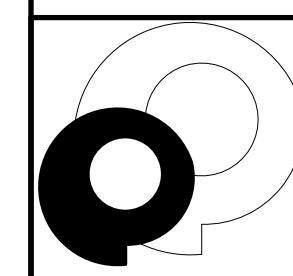
ITEM "9" BRINE COLLECTION SYSTEM PLAN VIEW



ISOMETRIC VIEW



VIEW V-V



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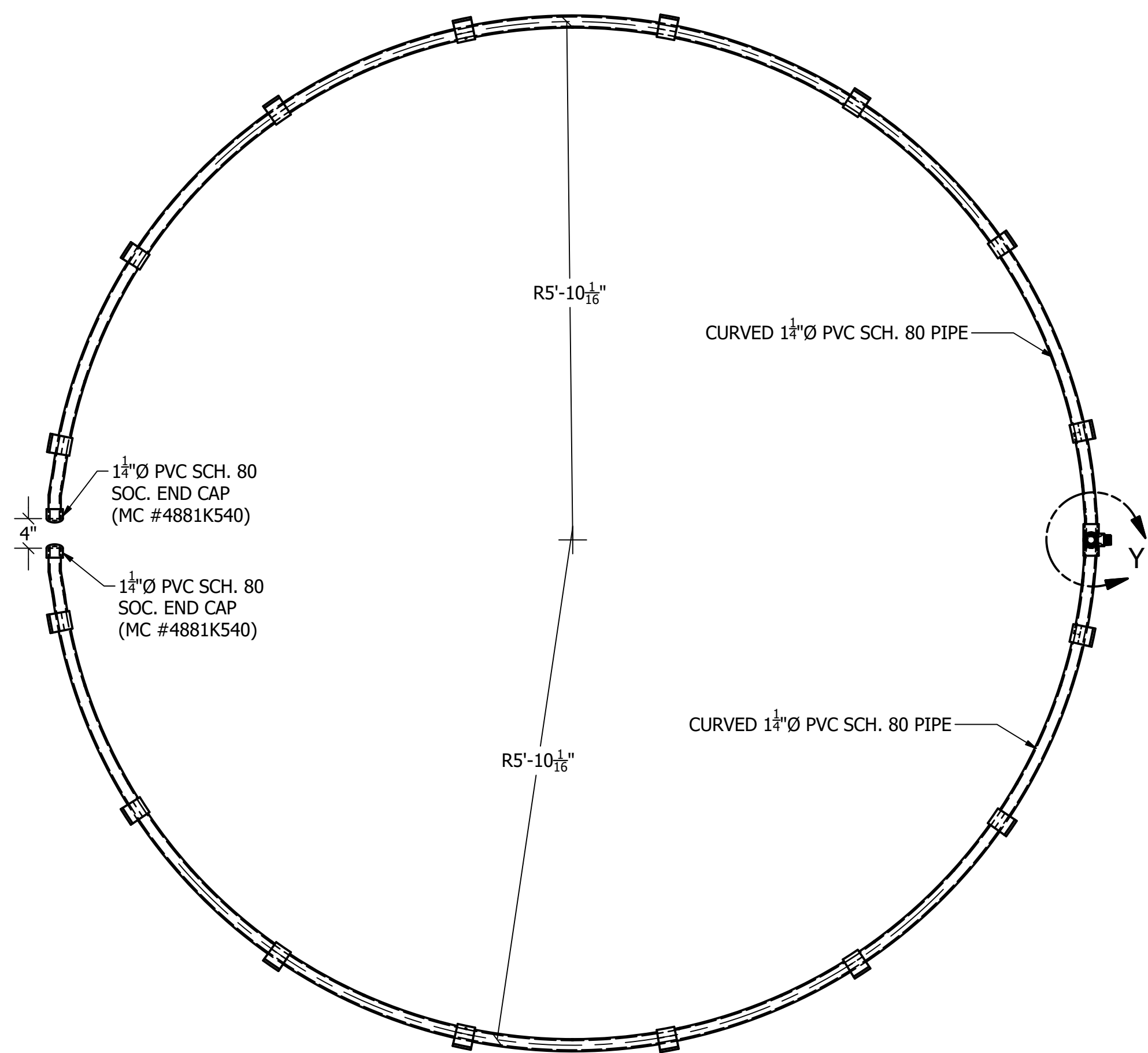
PERRY PROJECT #:
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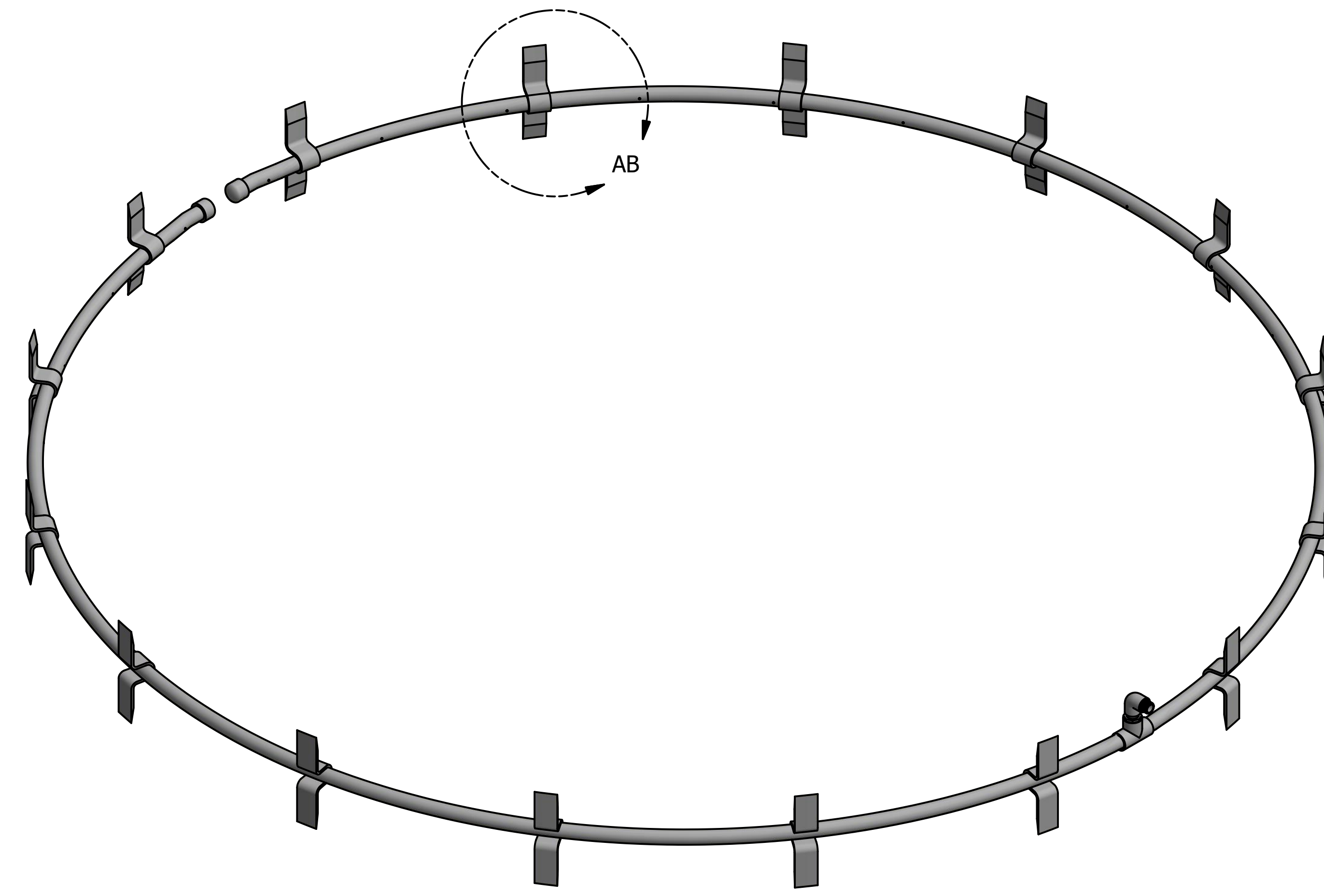
ITEM "9" BRINE COLLECTION SYSTEM
DETAILS

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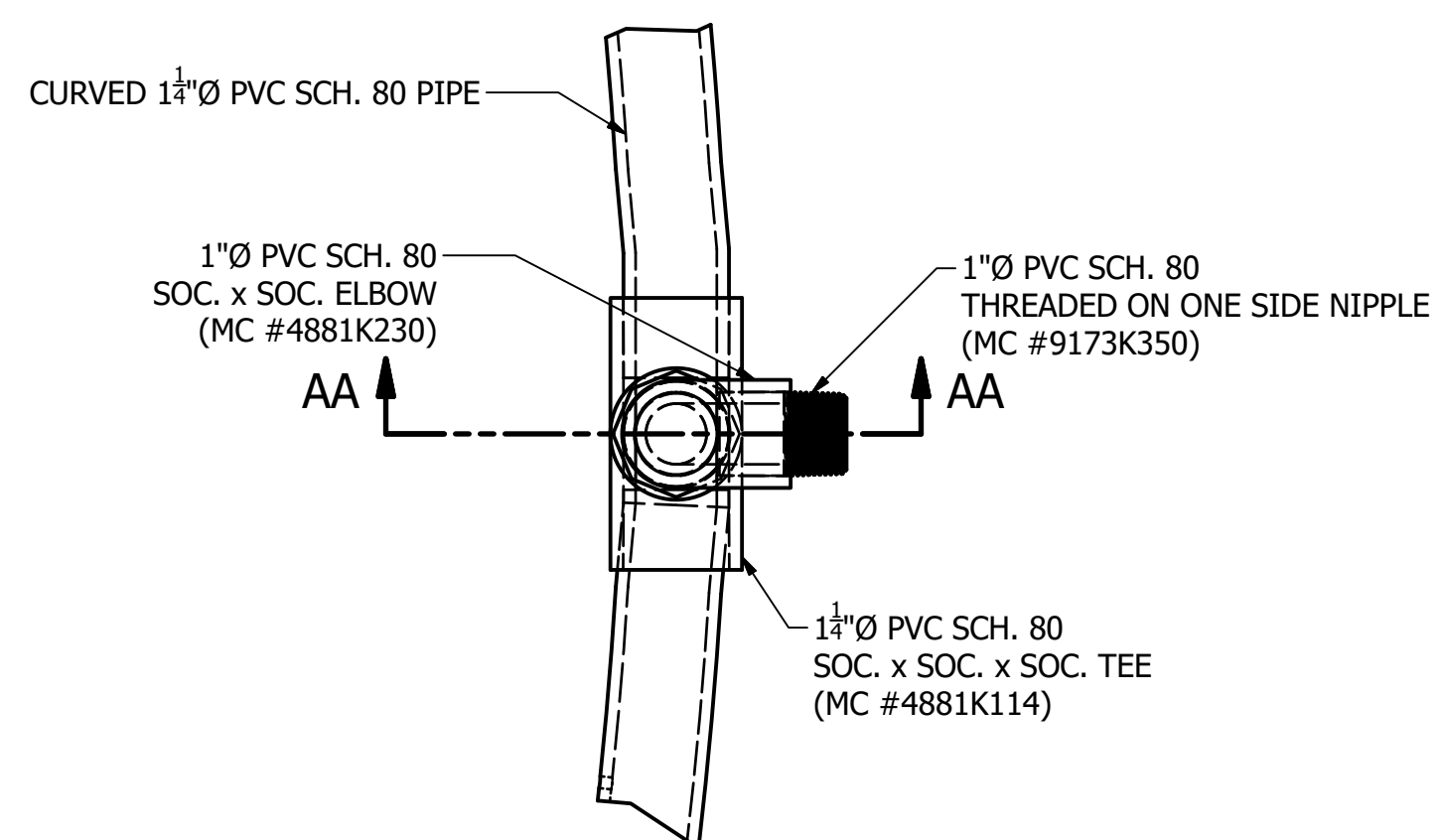
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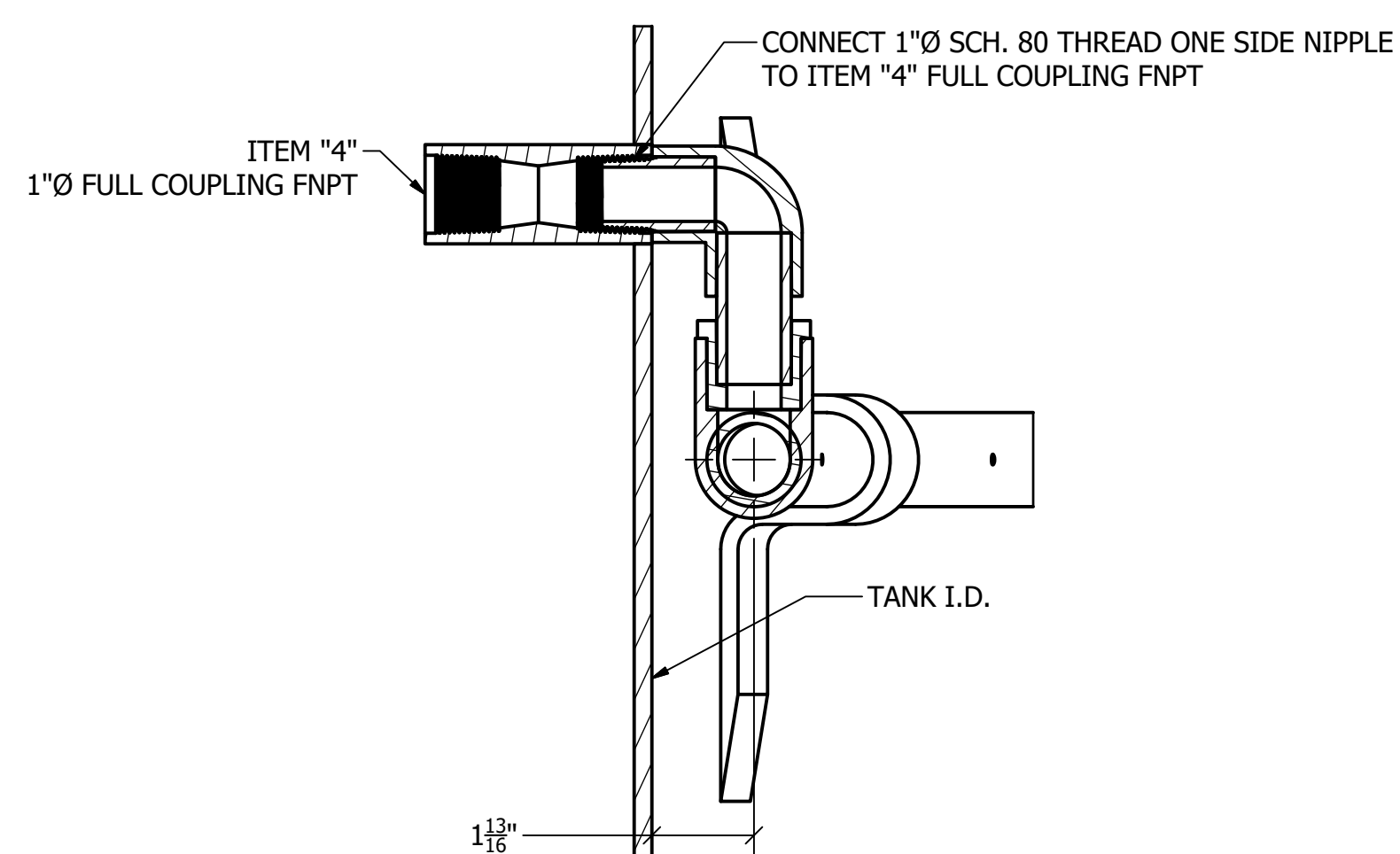
ITEM "10" WATER INLET RING PLAN VIEW



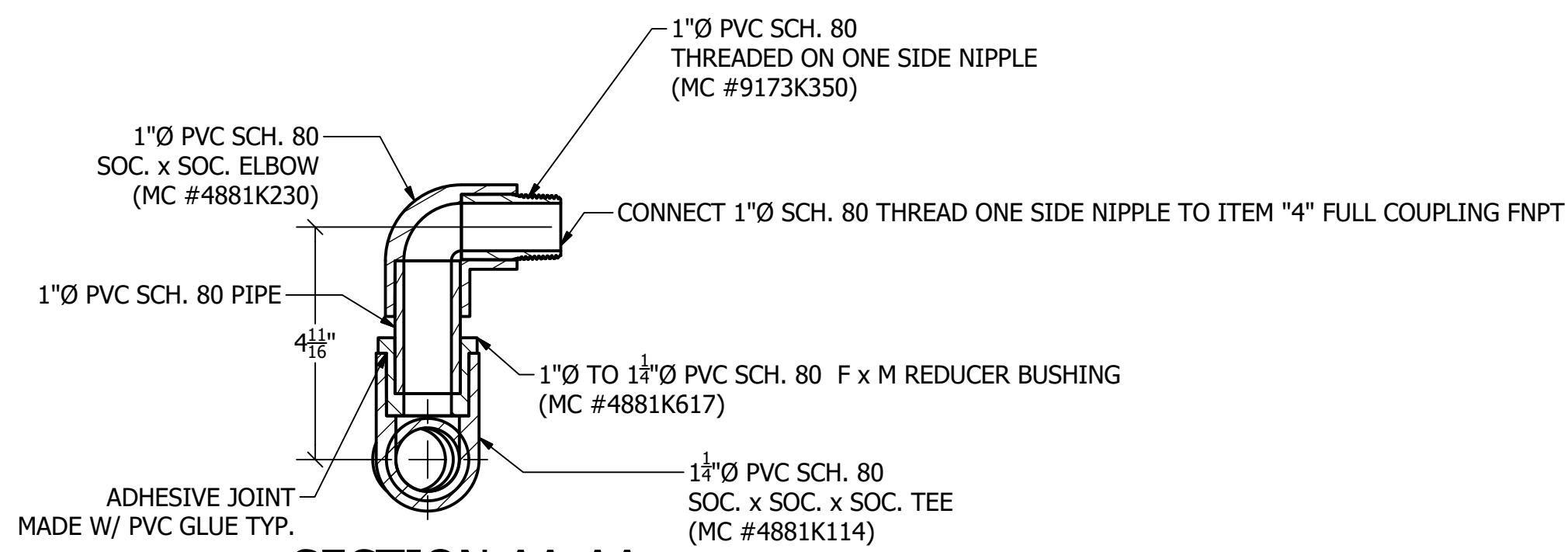
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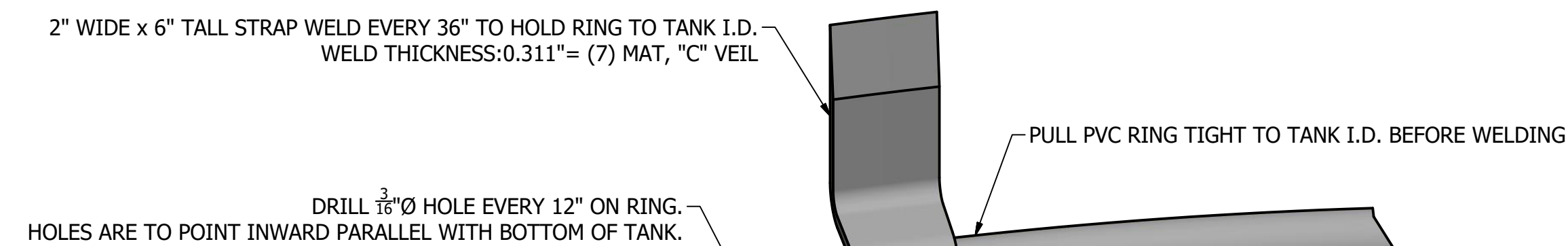
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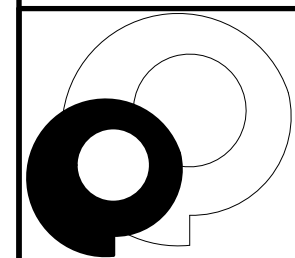
CONNECTION TO ITEM "4" DETAIL



SECTION AA-AA



DETAIL AB



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ITEM "10" WATER INLET RING DETAILS

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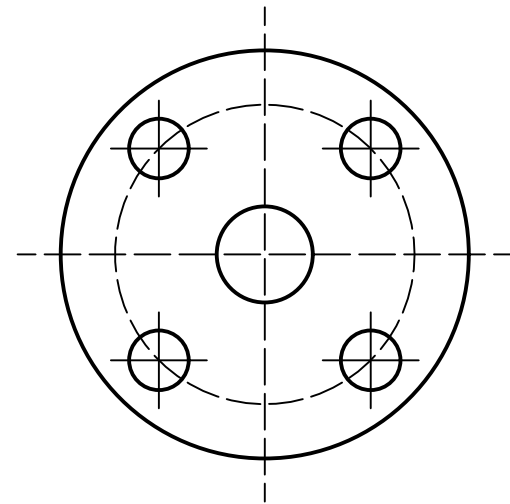
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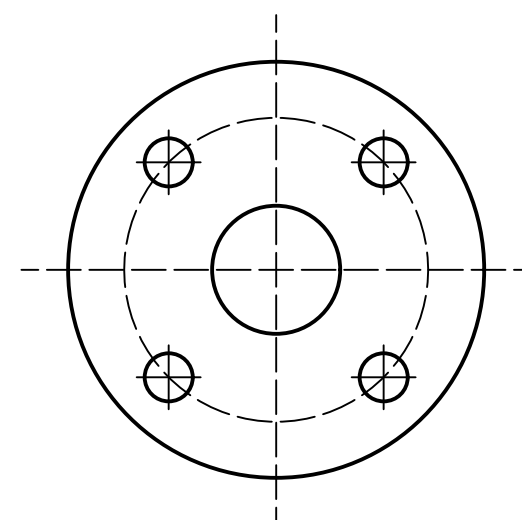
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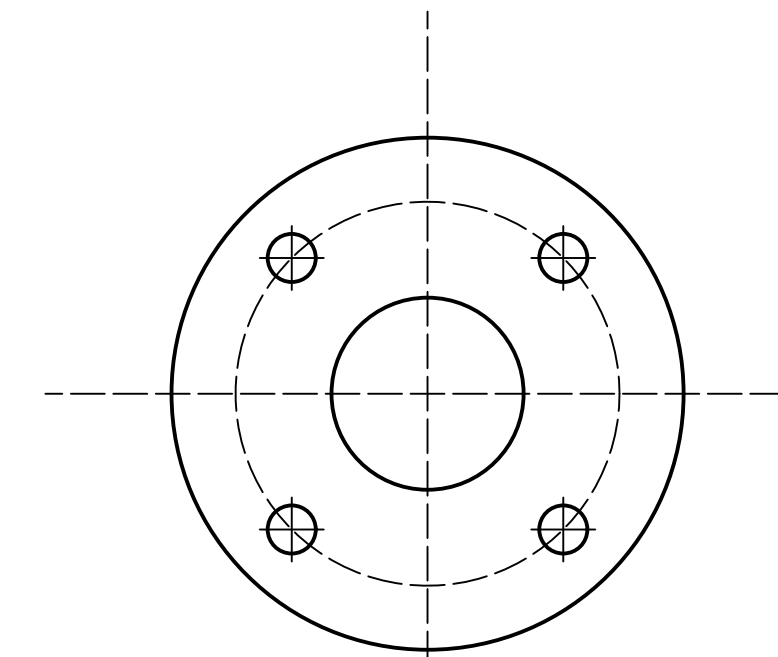
FLG. I.D.=1"Ø
 FLG. O.D.=4¼"Ø
 B.C.=3⅛"Ø
 ⅝"Ø BOLT HOLES (4)

ITEM "11" DRILLING PATTERN DETAIL



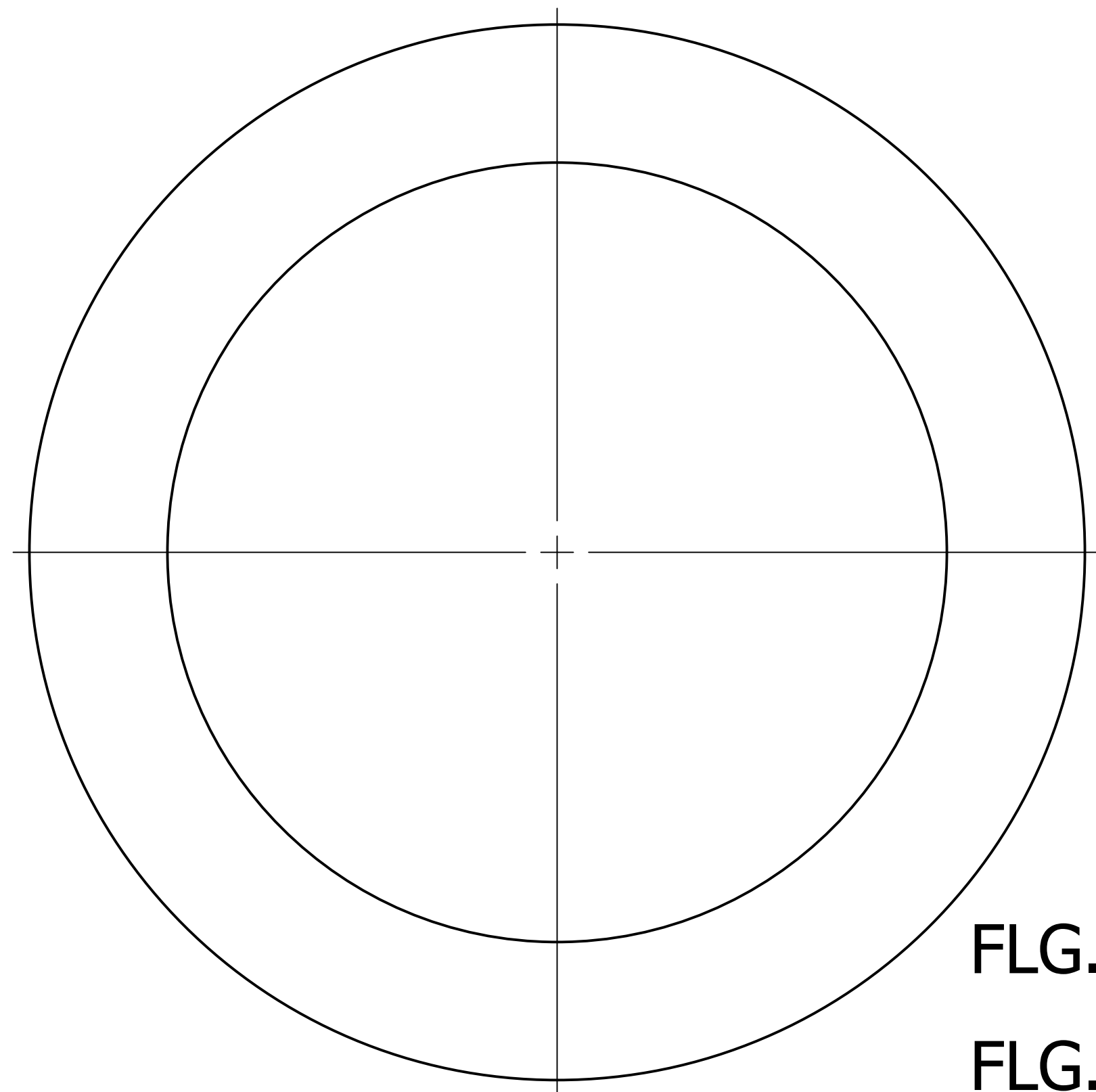
FLG. I.D.=2"Ø
 FLG. O.D.=6½"Ø
 B.C.=4¾"Ø
 ¾"Ø BOLT HOLES (4)

ITEM "5" DRILLING PATTERN DETAIL



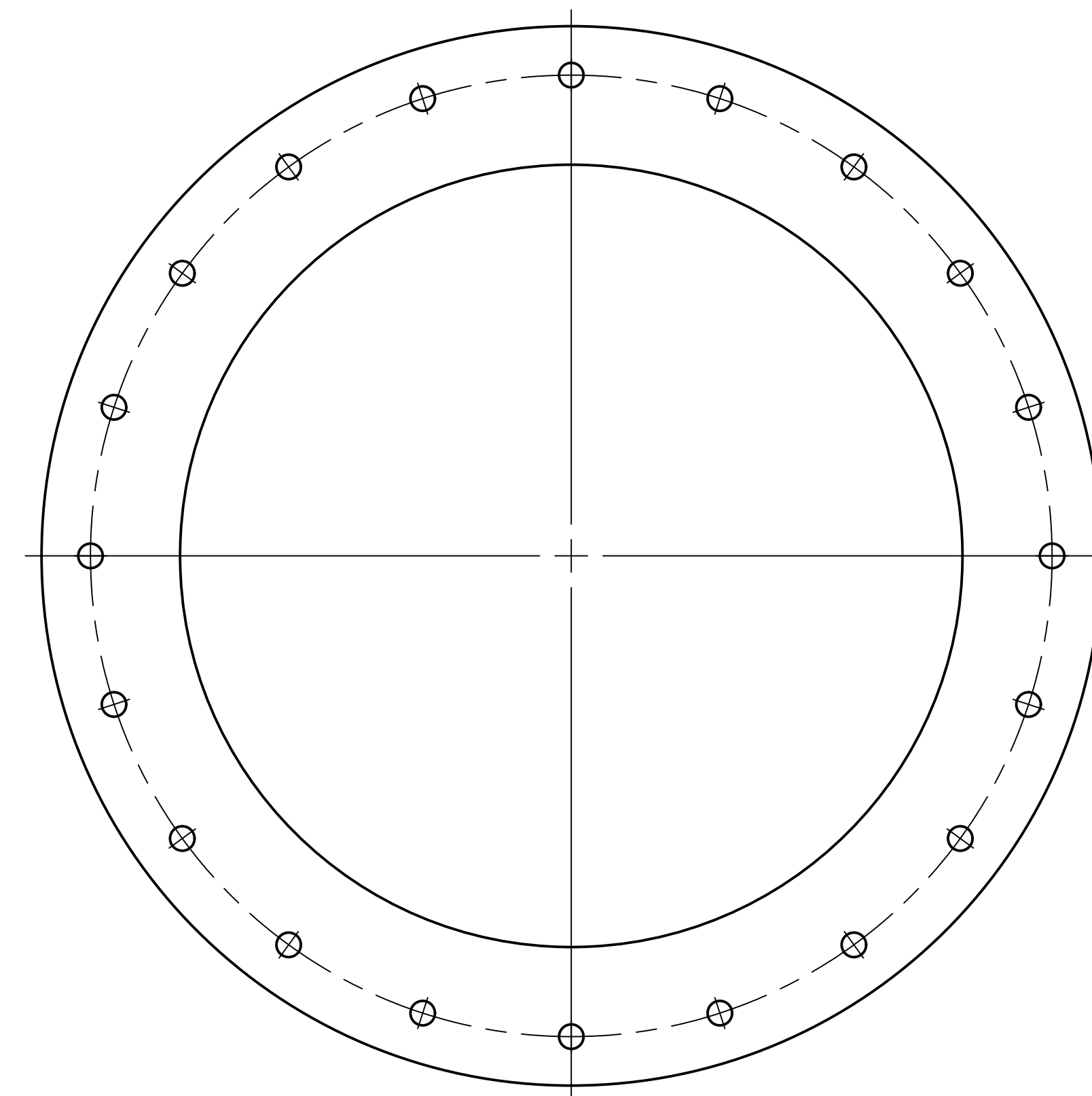
FLG. I.D.=3"Ø
 FLG. O.D.=8"Ø
 B.C.=6"Ø
 ¾"Ø BOLT HOLES (4)

ITEM "12" DRILLING PATTERN DETAIL



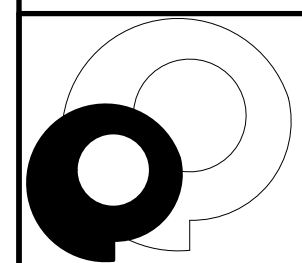
FLG. I.D.=24"Ø
 FLG. O.D.=32½"Ø

ITEM "3" DRILLING PATTERN DETAIL



FLG. I.D.=24"Ø
 FLG. O.D.=32½"Ø
 B.C.=29"Ø
 ¾"Ø BOLT HOLE (20)

ITEM "2" DRILLING PATTERN DETAIL



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DRILLING PATTERN DETAILS

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SHEET SIZE: REVISION:

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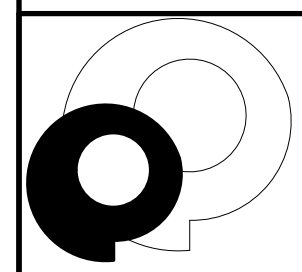
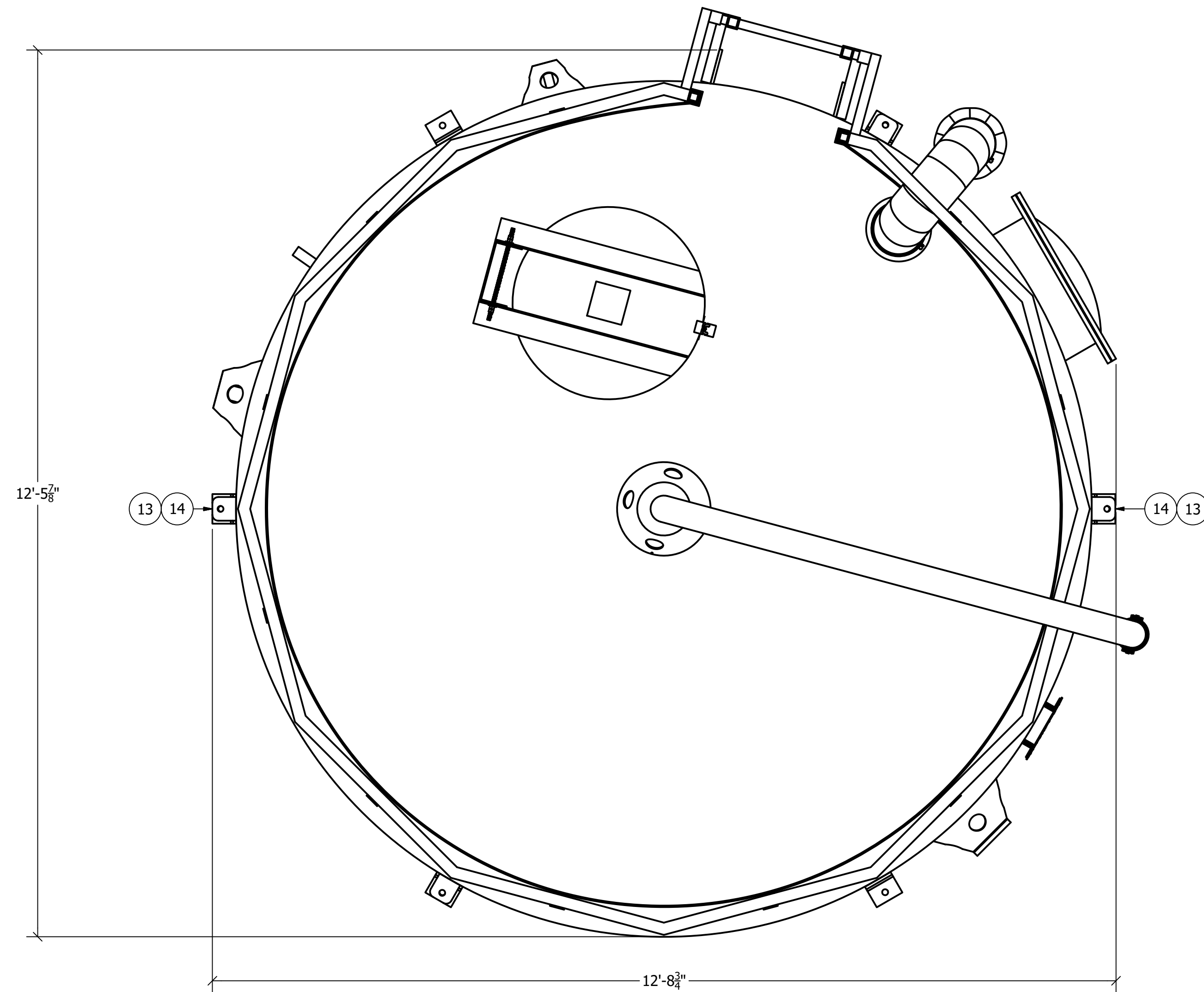
DRAWING #:

M9

NOTES:

TANK SHOWN WITH ITEMS "13 & 14" IN HORIZONTAL.

THIS IS THE BEST POSITION FOR OFF LOADING THE TANK. DIMENSIONS ARE THEORETICAL.



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Perry Fiberglass Products, Inc.

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DUCTWORK, PIPING, STORAGE TANKS,
SCRUBBERS, CARBON ADSORBERS, AIR
STRIPPERS, FANS, DAMPERS, & ADVANCED
FABRICATIONS

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**JONES COUNTY WTF
SODIUM CHLORIDE BRINE TANK**

TRUCK LAYOUT

DRAWING SCALE:

DRAWN BY/DATE:

JKJ/08APR2020

DESIGNED BY:

PERRY PROJECT #:

8486-ST

CHECKED BY:

J. JACOBS

SHEET SIZE:

D (22x34)

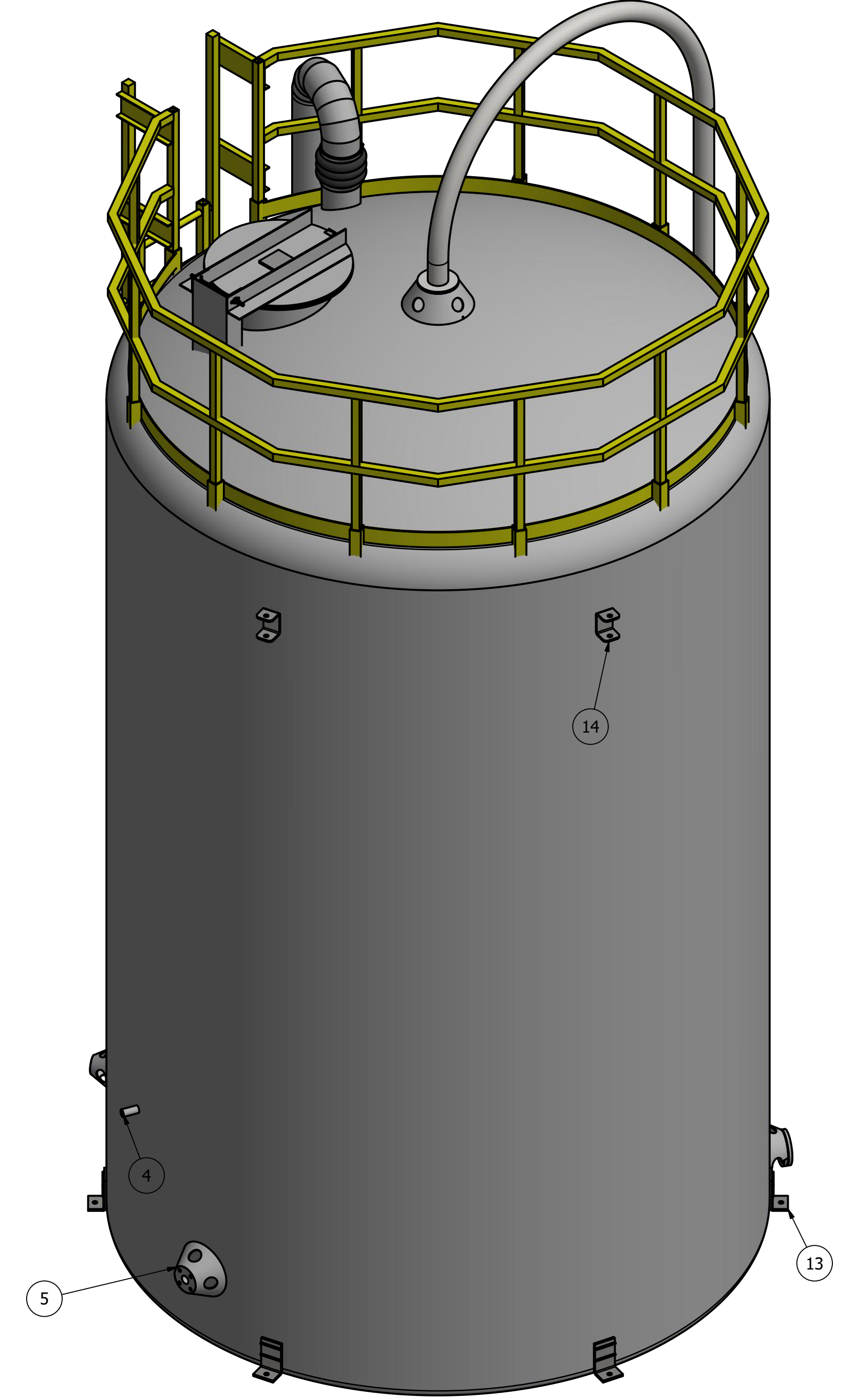
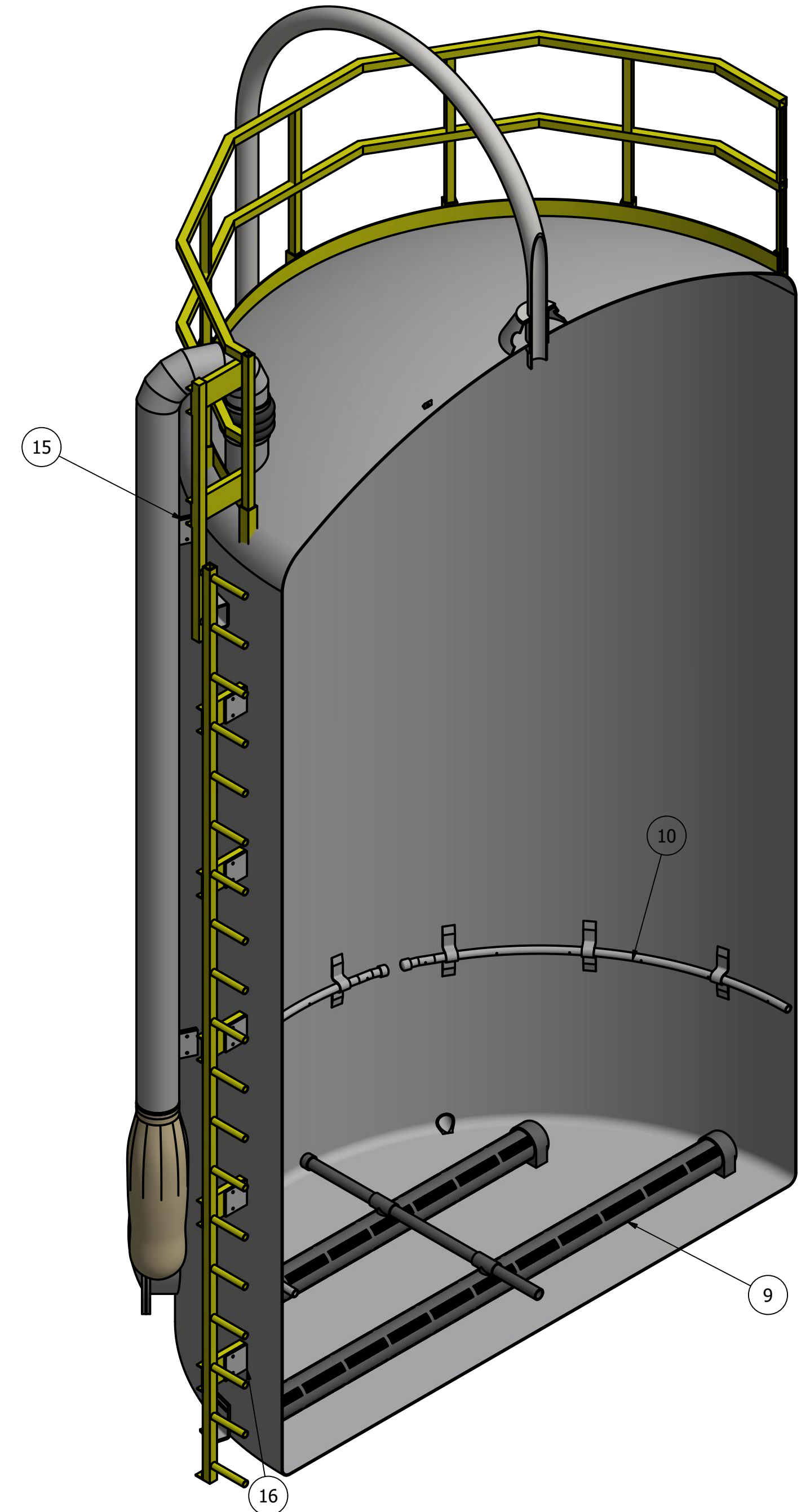
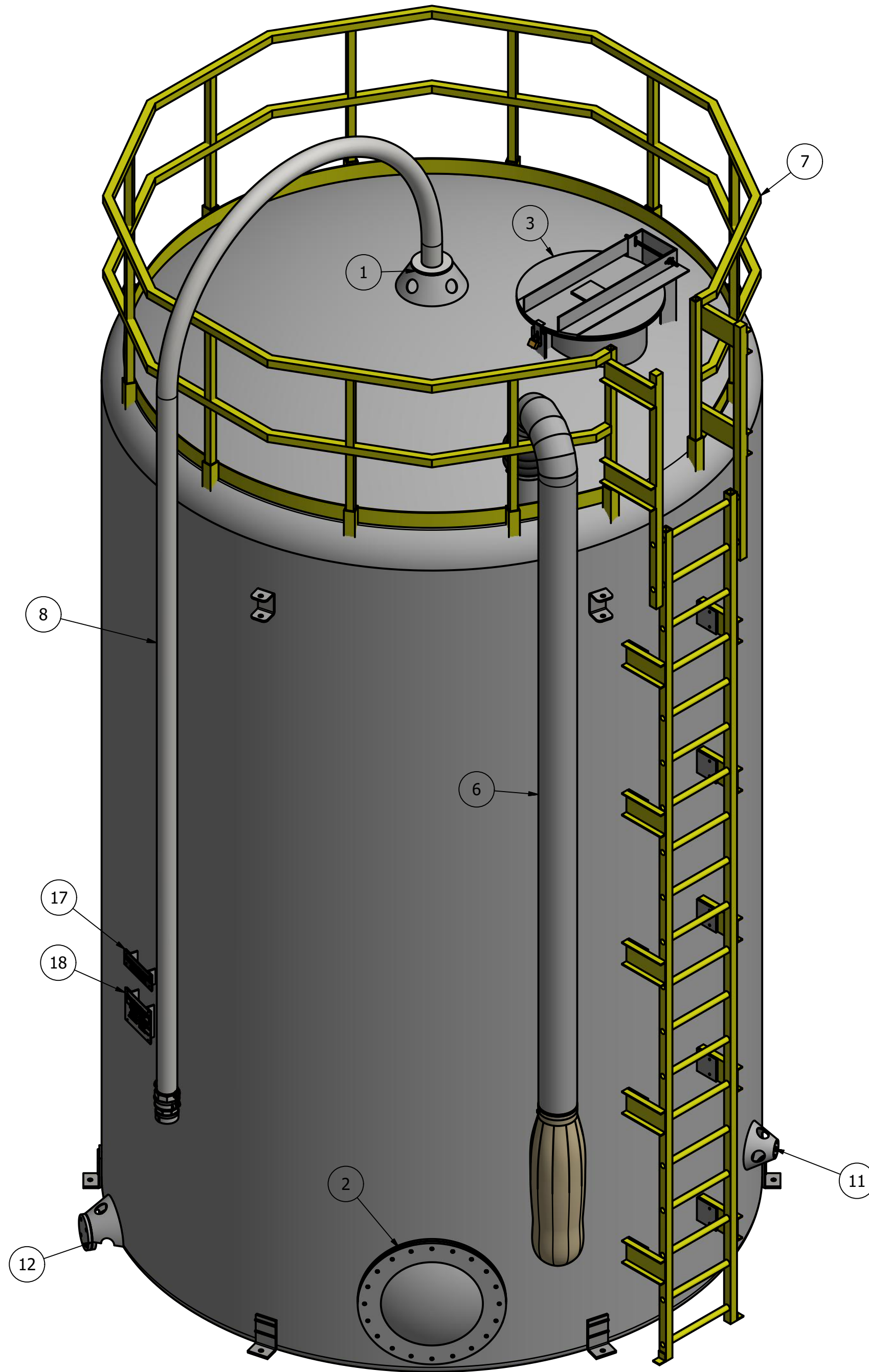
DRAWING #:

M10

REVISION:

0

BILL OF MATERIAL					TABLE			
ITEM	SIZE	TYPE	QTY.	DESCRIPTION	INSPECTED BY:	DEG. CHECK	ELEV. CHECK	DIMENSIONAL CHECK (welds, length, size)
1	5"Ø	PS15-69 FLANGE W/ CONICAL GUSSET	1	SALT INLET (UNDRILLED)	INSPECTED BY:			
2	24"Ø	15 PSI MANWAY	1	SIDE ACCESS HATCH	INSPECTED BY:			
3	24"Ø	SHOP FAB. 1/2" THICK UNDRILLED HINGED MANWAY	1	HINGED MANWAY W/ 6"x6" 1/2" THICK STEEL PLATE ENCAPSULATED IN FIBERGLASS & PADLOCK HASP. HASP HAS (2"±) OF TRAVEL FOR VETNING	INSPECTED BY:			
4	1-1/2"Ø	FNPT FULL COUPLING	1	WATER INLET	INSPECTED BY:			
5	2"Ø	150# FLANGE W/ CONICAL GUSSET	1	BRINE OUTLET	INSPECTED BY:			
6	8"Ø	GOOSENECK, DUCT, FLEX, AND DUST BAG	1	DUST COLLECTION SYSTEM ASSEMBLY	INSPECTED BY:			
7	...	LADDER & HANDRAIL	1	LADDER & HAND RAIL	INSPECTED BY:			
8	4"Ø	304 S.S. SALT UNLOADED PIPE & CAM LOCK CAP & DISCONNECT	1	304 S.S. SALT UNLOADING PIPE ASSEMBLY	INSPECTED BY:			
9	...	COLLECTION SYSTEM	1	PVC BRINE COLLECTION SYSTEM	INSPECTED BY:			
10	1-1/4"	INTERNAL WATER RING	1	1-1/4" INTERNAL PVC WATER INLET RING W/ 3/16" HOLES POINTED INWARD	INSPECTED BY:			
11	1"Ø	150# FLANGE W/ CONICAL GUSSET	1	WATER LEVEL TRANSDUCER ASSEMBLY CONNECTION	INSPECTED BY:			
12	3"Ø	150# FLANGE W/ CONICAL GUSSET & COVER	1	FULL DRAIN	INSPECTED BY:			
13	...	HOLD DOWN LUGS	6	316 S.S. HOLD DOWN LUGS	INSPECTED BY:			
14	...	LIFTING LUGS	4	316 S.S. LIFTING POINTS	INSPECTED BY:			
15	4"x6"x1/2"	FRP TABS	2	FRP PIPE SUPPORT FOR DUST COLLECTION SYSTEM ASSEMBLY	INSPECTED BY:			
16	6"x6"x1/2"	FRP TABS	10	LADDER SUPPORT TABS	INSPECTED BY:			
17	4"12"x1/8"	PHENOLIC SIGN & ANGLE BRACKET	1	TANK DESIGNATION SIGN	INSPECTED BY:			
18	8-1/2"x11"	PERRY NAME PLATE & ANGLE BRACKET	1	PERRY NAME PLATE & ANGLE BRACKET	INSPECTED BY:			



Chowan County
BUDGET AMENDMENT

To: Board of Commissioners

BA #: 2021-012

From: David Tawes, *Water Department Director*
Cathy Smith, *Finance Officer*

Date: September 29, 2020

RE: Water Department

Please authorize the finance officer to amend the 2021 budget as follows:

Account Number	Account Description	Revenue (Inc+/Dec-)	Expense (Inc+/Dec-)
Water Department			
61-7120-192-00	Professional Services		(7,500.00)
61-7120-510-00	Capital Outlay - Equipment		7,500.00
	Balanced	-	-

Justification:

To amend the 2021 budget to increase Capital Outlay for replacement of the water tank at Valhalla. No additional funding is being requested; Funds will be transferred from Professional Services.

Approval Date: _____

Bd. Clerk's Init: _____

Initials: _____

Batch #: _____

Date: _____

		Last Updated September 30, 2020	
Date	Completed	Issue/Task	Update
		BUILDINGS/GROUNDS	
10/1/2019		Former DF Walker School (Oakum St) Status of Window and Roof repairs	<i>On 2020/21 CIP Priority List</i>
10/1/2019		Former DF Walker School (Oakum St) and COA Campus Landscaping	<i>ON HOLD</i>
10/1/2019		Senior Center Parking Lot Repairs/Grading	<i>Future CIP</i>
10/1/2019		Swain Auditorium Roof and interior Repair	<i>Future CIP</i>
10/1/2019		Animal Shelter Improvements	<i>On hold</i>
10/1/2019		Courthouse (Broad St) Parking Lot repair	<i>Future CIP</i>
10/1/2019		Library Repairs Requested	<i>Approved, materials delay, Start Feb 2021</i>
10/1/2019		Northern Chowan Community Center- Ceiling	<i>Waiting on HVAC install, seeking bids on HVAC</i>
10/1/2019		Public Safety Center - Trees	<i>Landscaping will be added to future funding</i>
		MISC PROJECTS	
10/1/2019		Water Plant Regionalization and grant status	<i>December 31st is the completion date</i>
10/1/2019		Water Plant Special Order by Consent	<i>SOC Approved</i>
10/1/2019		Algal Bloom Statewide efforts	
10/1/2019		Broadband Initiative	<i>Working on several prospects</i>
10/1/2019		Update from John A. Holmes Joint Committee for Replacement	<i>Seeking meeting end of October</i>
10/1/2019		EMS/911 Study by NCACC - Resource Evaluation Team	<i>Will hand out report at 9-8-20 meeting and will discuss at 9-21-20 meeting</i>
10/1/2019		Timbermill Wind Update on Construction	
10/1/2019		Jail partnership and Regional Jail Committee Status	<i>Joint meeting scheduled 9-29-20</i>
10/1/2019		Boys and Girls Club Monthly Construction Update	<i>Painting completed</i>
10/1/2019		Capital Improvement Plan (CIP) Meeting and 2019-20 CIP Plan Status	<i>20-21 Approved</i>
11/18/2019		Bond Counsel Contract	<i>Completed - on hold until 2022</i>
11/19/2019		Financial Consultant Contract	<i>Completed - on hold until 2022</i>