

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-143
Name of the item to be scouted:	Tee Bodies, 36" and 48" sizes
State item to be used in:	Massachusetts

Describe the Item:

Please describe the item application/the end use of the item.	Client needs these tees to build pressure vessels. They take a standard tee and machine holes in the body for manways and nozzles. Client would like to find a supplier who can deliver these tees with these machined features included. If these services can not be done, they would still like a price on the tee itself.
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Supplier Information:

Type of Supplier Being Sought (select from the list below):	
Manufacturer	x
Contract Manufacturer	
Distributor	
Other (Please Specify)	
Reason for Scouting Submission (select from the list below)	
2nd Supplier	x
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	
Other (Please Specify)	

Summary of Technical Specifications and Performance Requirements:

Describe the manufacturing processes (elaborate to provide as much detail as possible)	Client has seen both casting and forming. Prefers cast but are open to alternatives. Client currently has suppliers but are looking to ramp up production significantly which is why they would like to have the holes pre-machined for us.
Provide dimensions / size / tolerances / performance specifications of the item	No finish required. 36" and 48" tee body. SCH STD (.375) PED (Pressure Equipment Directive) CERTIFIED WPB SA234. See drawing for tolerances. PED (Pressure Equipment Directive) CERTIFIED https://www.bsigroup.com/en-US/our-services/product-certification/ce-mark/eu-directives/pressure-equipment-directive-ped/A234WPB https://www.octalsteel.com/astm-a234-steel-pipe-fittings/
List required materials needed to make the product, including materials of product components, if applicable	Standard Tee Bodies. 48" TEE SCH STD (0.375) PED (Pressure Equipment Directive) CERTIFIED https://www.bsigroup.com/en-US/our-services/product-certification/ce-mark/eu-directives/pressure-equipment-directive-ped/A234WPB https://www.octalsteel.com/astm-a234-steel-pipe-fittings/
Are there applicable certification requirements?	
Yes	x
No	
Please explain:	PED CERTIFIED WPB SA234 https://www.bsigroup.com/en-US/our-services/product-certification/ce-mark/eu-directives/pressure-equipment-directive-ped/
Are there any applicable regulations that apply to the production of this item?	
Yes	
No	x
Please explain:	
Are there any other standards / requirements?	
Yes	
No	x
Please explain:	
NAICS CODES:	
NAICS 1	
NAICS 2	

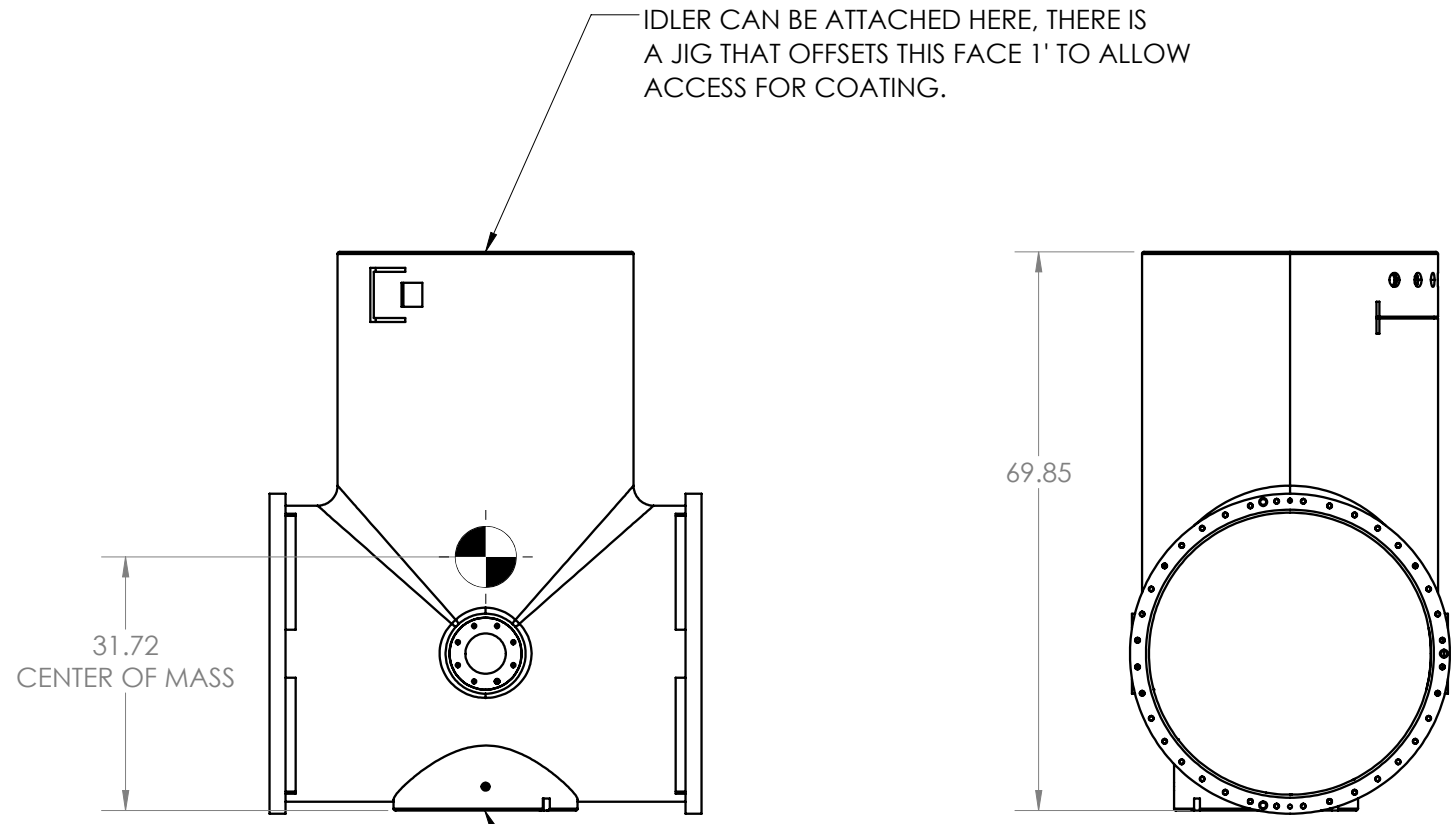
Additional Comments:	
Additional technical comments:	
Volume and Pricing:	
Estimated Potential Business Volume (i.e. #units per day, month, year):	36" tee, up to 48 annually. 48" tee, one for now but client expects to make more moving forward
Estimated Target Price/Unit Cost Information:	36" PED TEE – current pricing this month is \$2,340 each 48" PED TEE – current pricing this month is \$7,388 each
Delivery Requirements:	
When is it needed by? (Immediate, 30 days, 6 months, etc.)	Client currently has suppliers but are looking to ramp up production significantly which is why they would like to have the holes pre-machined.
Describe packaging requirements (i.e. individually/group packaging, etc.)	Any
Where will this item be shipped?	Lawrence, MA
Additional Comments:	
Is there other information you would like to include?	

DATE PRINTED: 5/29/2024

8 7 6 5 4 3 2 1

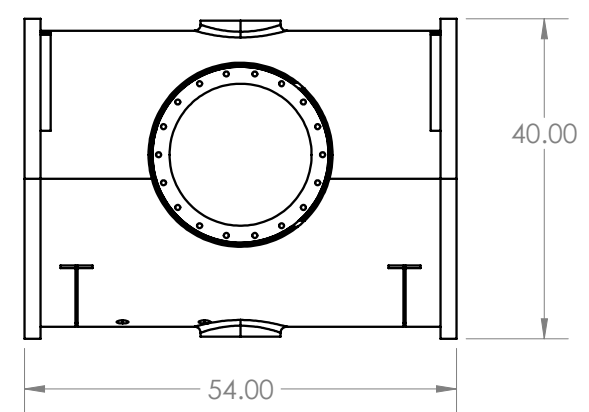
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IDLER CAN BE ATTACHED HERE, THERE IS A JIG THAT OFFSETS THIS FACE 1' TO ALLOW ACCESS FOR COATING.

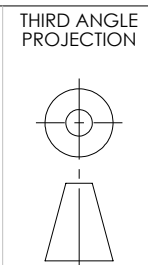
POSITIONER ATTACHED HERE, THERE IS A JIG THAT OFFSETS THIS FACE 1' TO ALLOW ACCESS FOR COATING. 4' CG IS A SAFE NUMBER FOR SIZING



NOTES:
MASS IS 3500 POUNDS, LOCATION SHOWN IN DRAWING

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCE:
ANGULAR: MACH 0°30'
ONE PLACE DECIMAL ± 0.2
TWO PLACE DECIMAL ± 0.05
THREE PLACE DECIMAL ± 0.005
FRACTIONAL DIMENSION: ± 1/16

INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2018



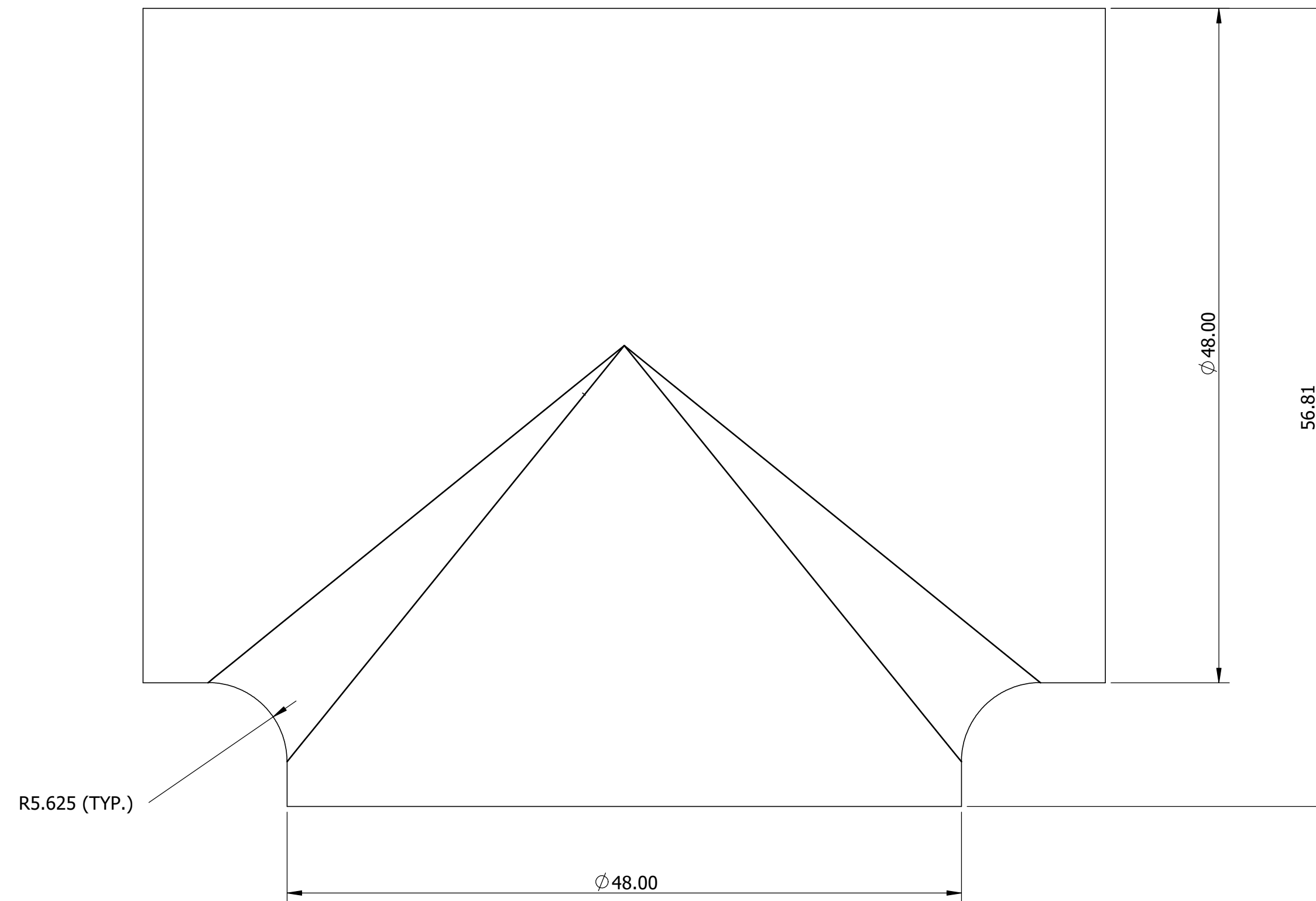
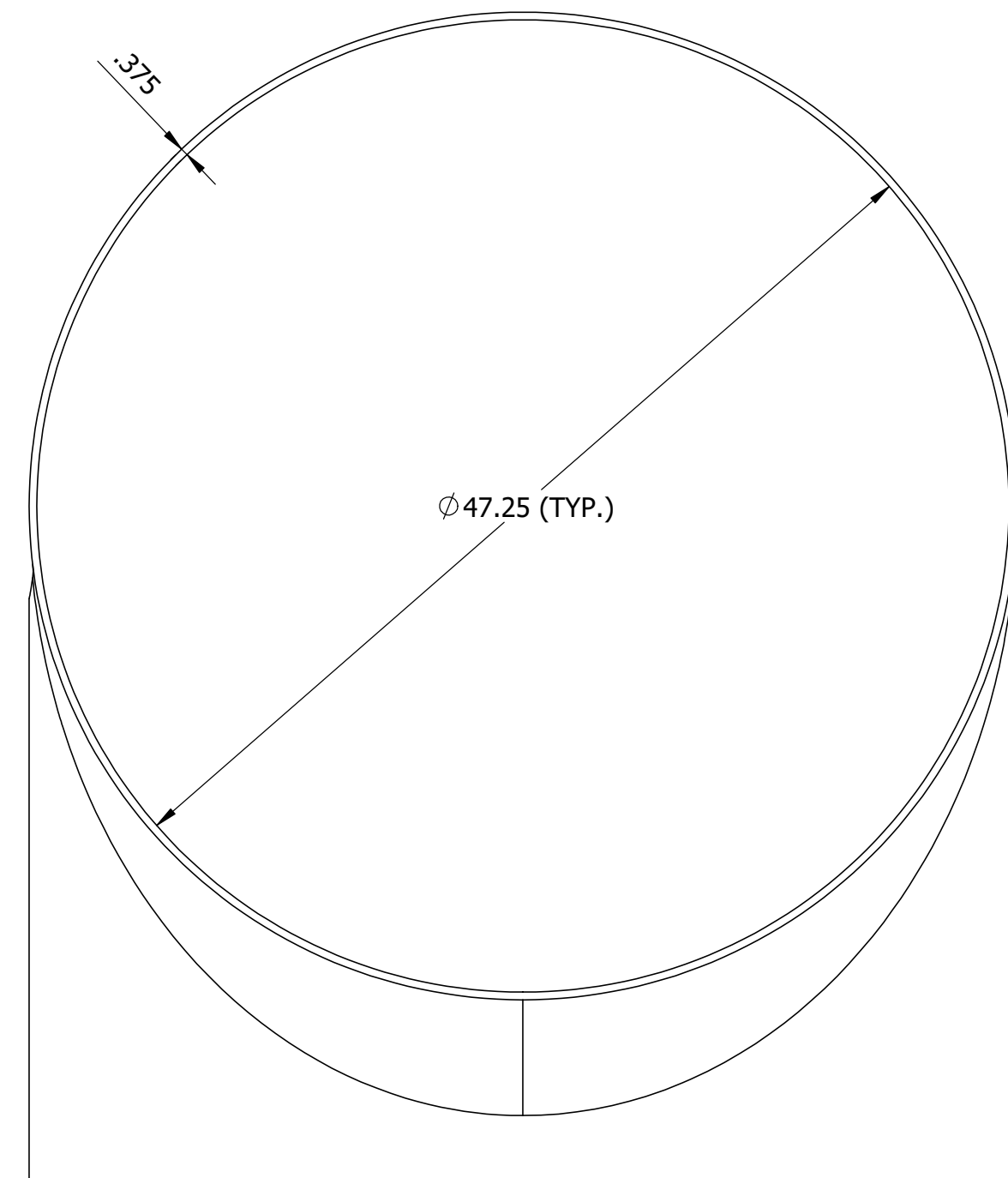
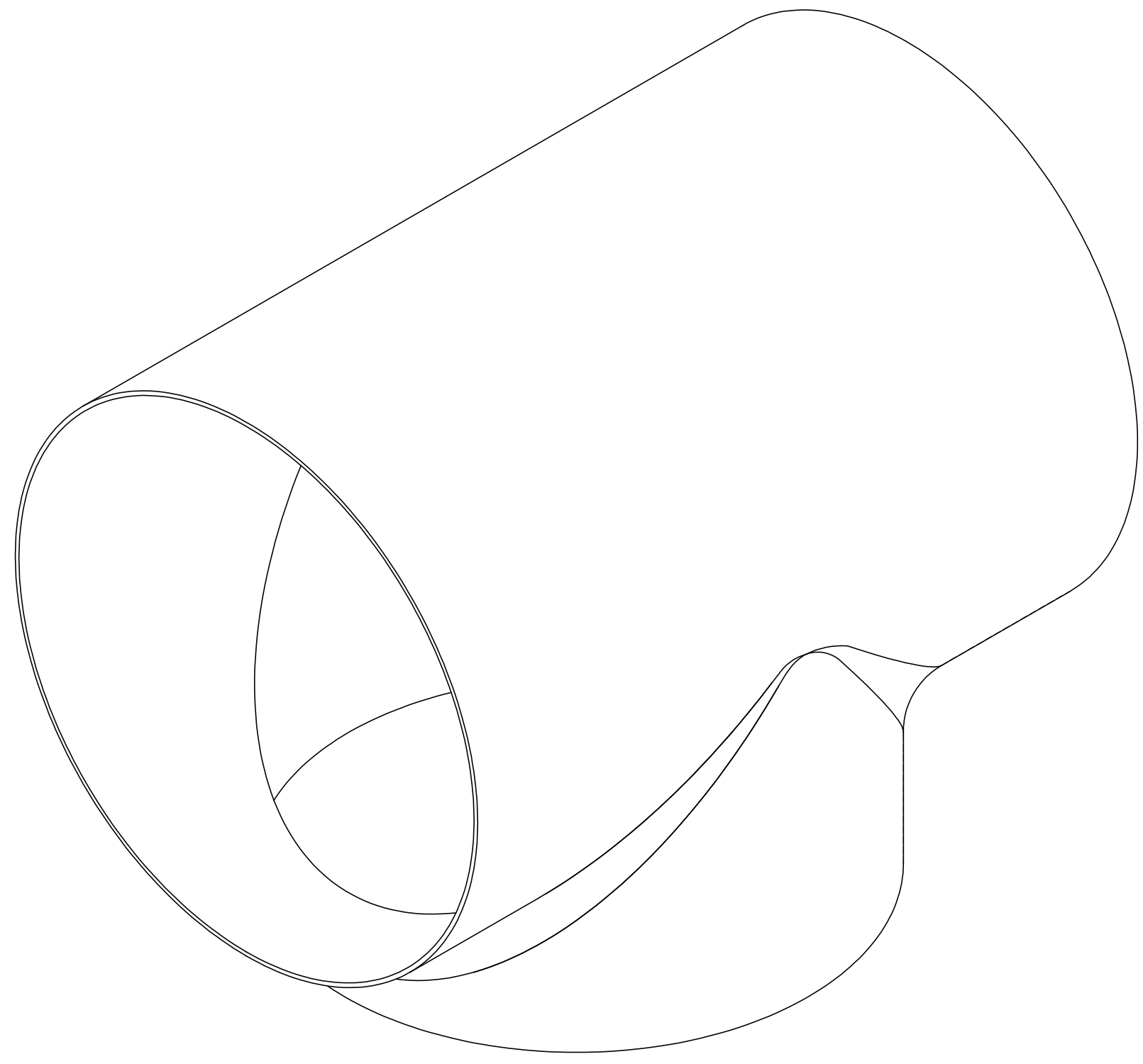
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DATE	5/29/2024
CHECKED	
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DATE	
RELEASED & APPROVED	
DATE	

DRAWING NO.	
CHECKED	NOT SPECIFIED
DATE	
APP'D	
DATE	
RELEASED & APPROVED	
DATE	
MAT'L:	
SHEET 1 OF 1	
SCALE: 1:24	

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8 7 6 5 4 3 2 1



NOTES:

MATERIAL:
48" TEE SCH STD (0.375)
PED CERTIFIED
A234 WPB

BUILT TO:
ASME VIII DIV I, MALAYSIA DOSH AND MHLW CODES

TOLERANCE UNLESS OTHERWISE SPECIFIED AT DIMENSIONS:
ANGULAR MACH $\pm 0^{\circ}30'$
ONE PLACE DECIMAL $\pm 0.2"$
TWO PLACE DECIMAL $\pm 0.05"$
THREE PLACE DECIMAL $\pm 0.005"$
FRACTIONAL DIMENSIONS:
0 TO 4'-0" $\pm 1/16"$
OVER 4'-0" $\pm 1/8"$

REV.	BY:	DATE:	ENG. CHECK:	QA/QC APP'D:
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REVISION NOTE:

ISSUED FOR FABRICATION

BY: ---
DATE: / /

QA/QC DWG. APPROVAL

BY: ---
DATE: ---

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CUSTOMER P.O. NO: ---	
HELFRICH BROTHERS PROJECT NO: ---	
THIRD ANGLE PROJECTION	CHECKED BY: ERL DATE: 5/29/24
SCALE: NONE	APPROVED BY: --- DATE: ---
DO NOT SCALE USE DIMS. ONLY	PROJECT ENGINEER: ---
	PROJECT MANAGER: ---



CUSTOMER NAME
PLANT / UNIT NO.
PROJECT DESCRIPTION

SIZE: D	DRAWING NO: XX-XXXX-XXX	REV. NO: 00
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