

Qty:4 of these Connection Plate Assemblies needed

PARTS LIST			
ITEM	QTY	PART NUMBER	REFERENCE
1	1	CP1	Detail on Sheet 2
2	2	CP2	Detail on Sheet 4
3	1	CP3	Detail on Sheet 5
4	1	3inchPin	3" Pin

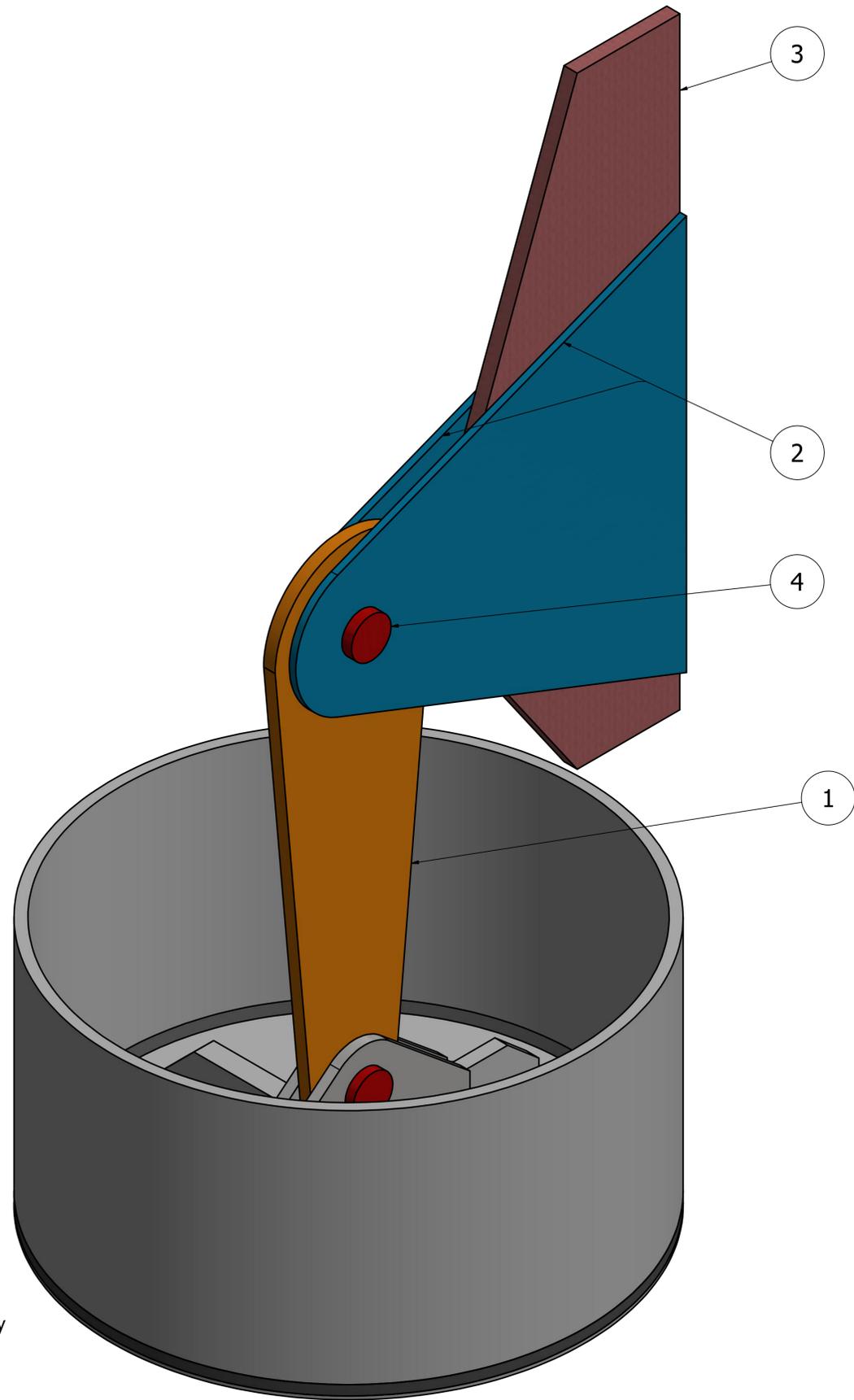
EXAMINED

This plan has been examined and given the status as shown in the Design Appraisal Document (DAD) number below:
ABN/HULL/O-34445
 Date: September 21, 2016 Initials: DS

Energy, Aberdeen Office
 Floating Structures
 Lloyd's Register EMEA

DRAWN Rob	6/23/2016	Dynamic Marine LLC		
CHECKED		TITLE		
QA		OMC - 120T Cantilever Pinning - Connection Plate Assy		
MFG				
APPROVED				
		SIZE D	DWG NO Connection Plates SS03	REV 0
		SCALE 0.25 : 1	SHEET 1 OF 6	

Connection Plate Assembly
 SCALE 0.25 : 1

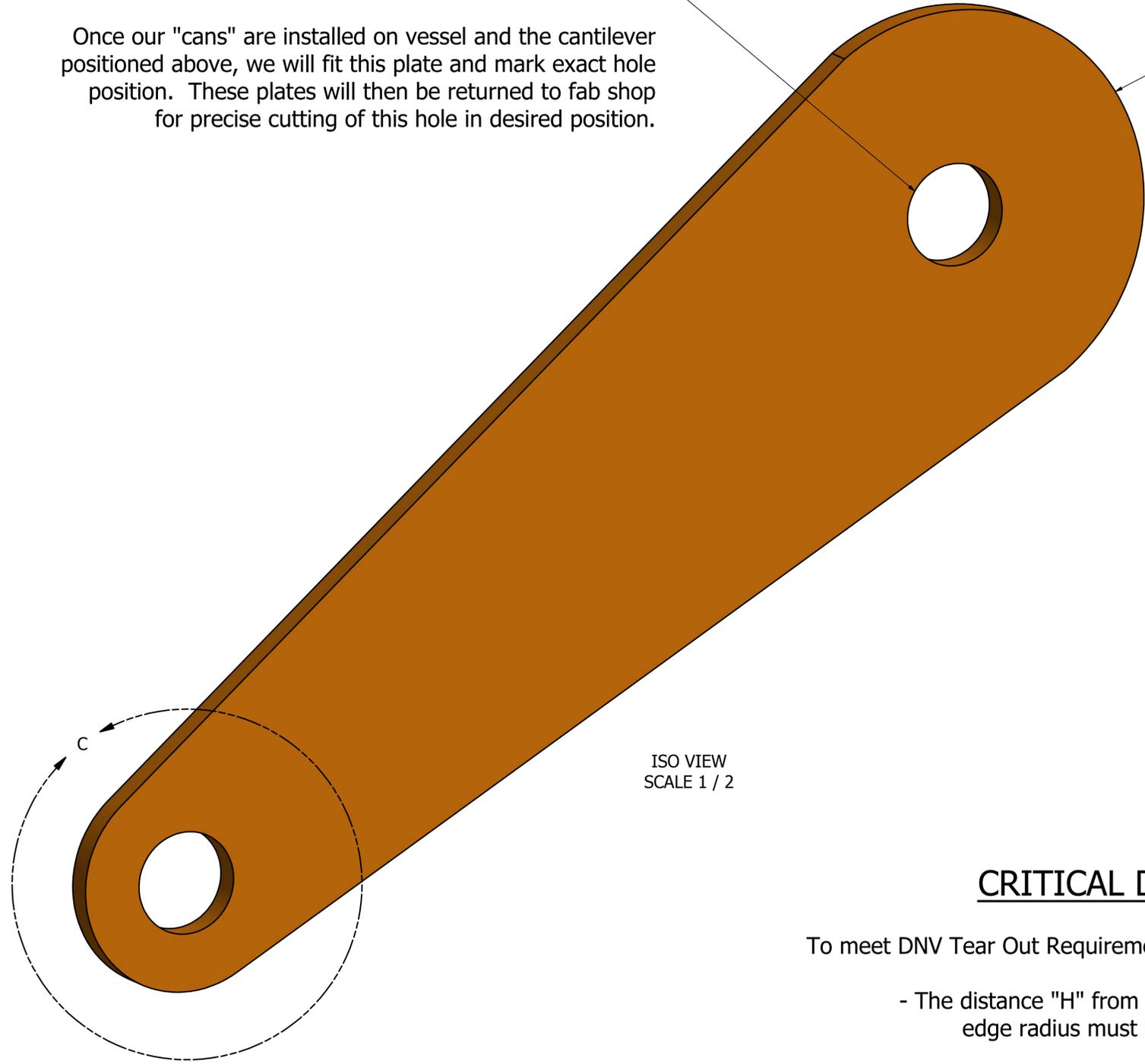


8 7 6 5 4 3 2 1

D
C
B
A

Do NOT cut this hole at fabrication !!
 Once our "cans" are installed on vessel and the cantilever positioned above, we will fit this plate and mark exact hole position. These plates will then be returned to fab shop for precise cutting of this hole in desired position.

Material: ASTM A572 Gr50



DETAIL C
SCALE 1 : 1

1.697 MIN

R3.197 MIN

H = 3.197 MIN

Ø3.000 MAX

CRITICAL DIMENSIONS:

To meet DNV Tear Out Requirements at desired load:

- The distance "H" from hole center to plate edge radius must be minimum 3.197".
- With the hole diameter at 3.000" max, the plate edge radius at min 3.197", the thickness between hole edge and plate edge radius must be minimum 1.697" to meet code.

Qty:4 Needed

EXAMINED 

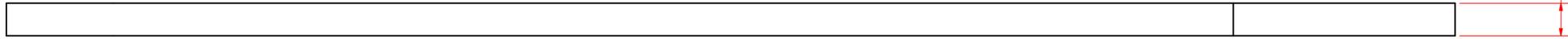
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			SCALE	1 / 2	SHEET 2 OF 6

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1



TOP VIEW
SCALE 1 / 2

7/8" Plate Thickness

(30.00) Reference Dimension from model.
Precise dimension will be given at fitup on vessel.

3.197 MIN

1.697 MIN

Ø3.000 MAX

Do NOT cut hole
during fabrication

Ø3.00

R6.00
Use 30" Reference
Dimension to cut
this plate edge
radius.

12.00

5.31°

R3.197 MIN

39.20

FRONT VIEW
SCALE 1 / 2

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SCALE 1 / 2			SHEET 3 OF 6		

8 7 6 5 4 3 2 1

D

D

C

C

B

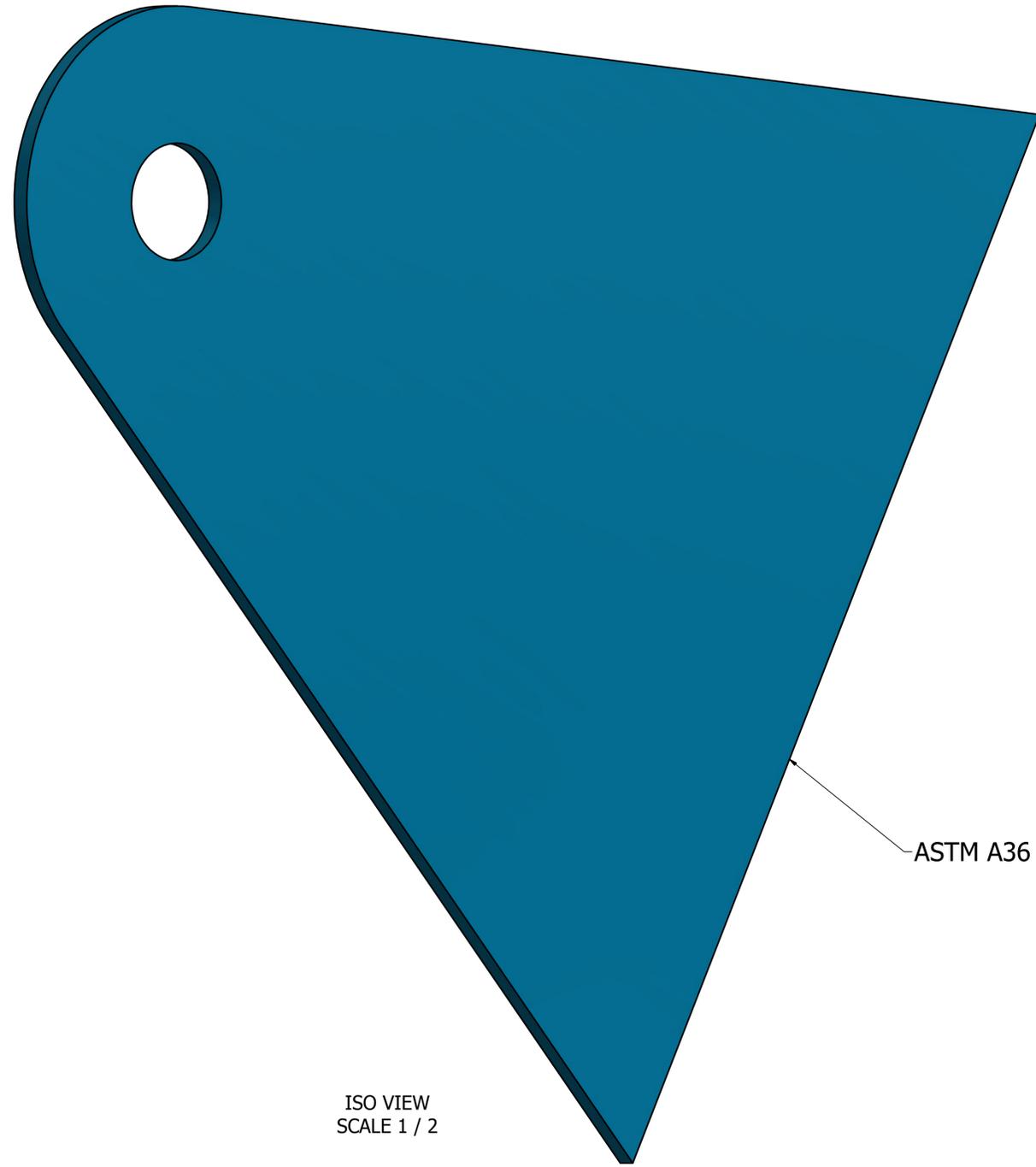
B

A

A

8 7 6 5 4 3 2 1

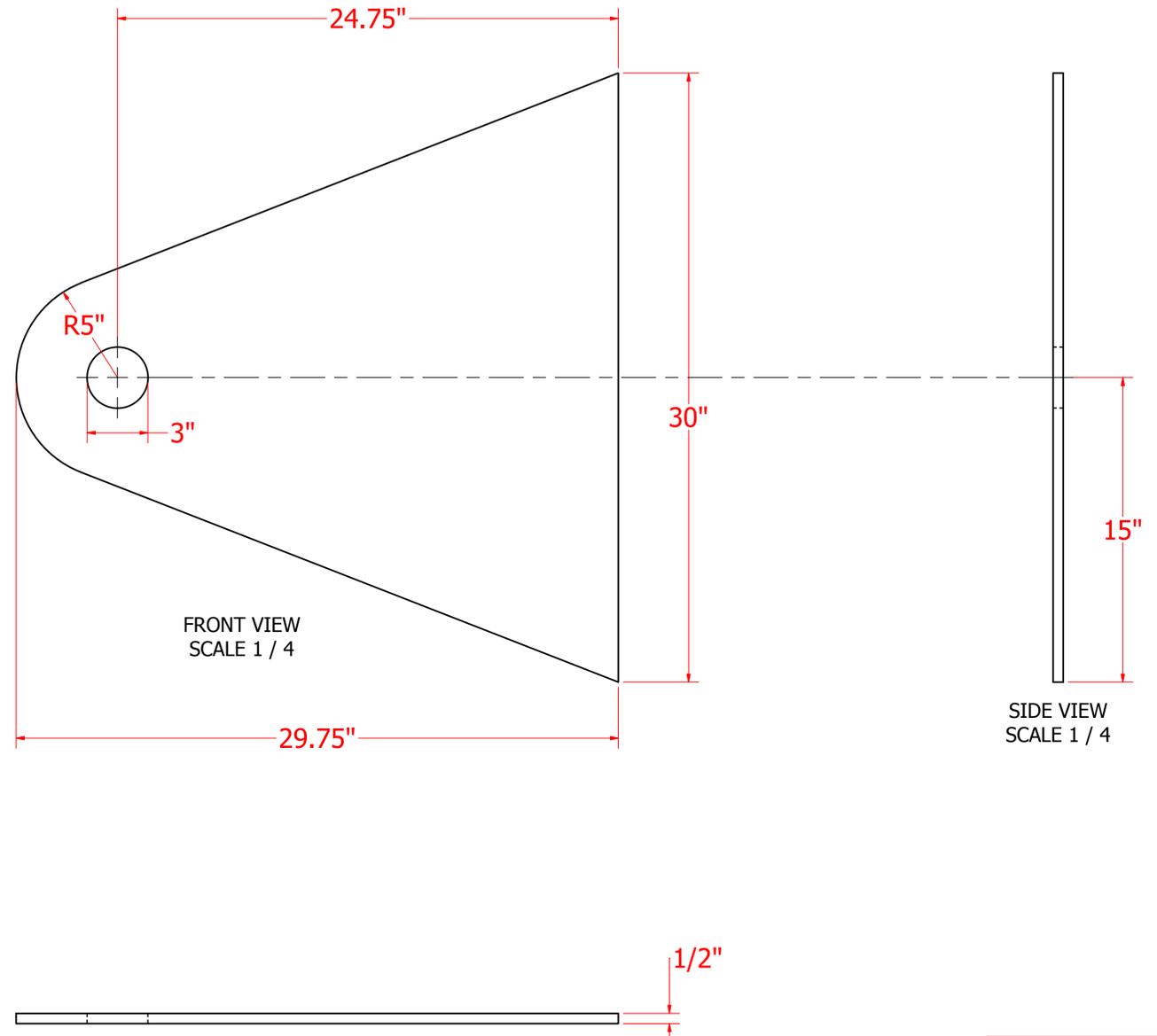
D
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B
A



ISO VIEW
SCALE 1 / 2

ASTM A36

Qty:8 Total
Plates Needed



FRONT VIEW
SCALE 1 / 4

SIDE VIEW
SCALE 1 / 4

BOTTOM VIEW
SCALE 1 / 4

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SCALE 1 / 4		SHEET 4 OF 6		

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

D

D

C

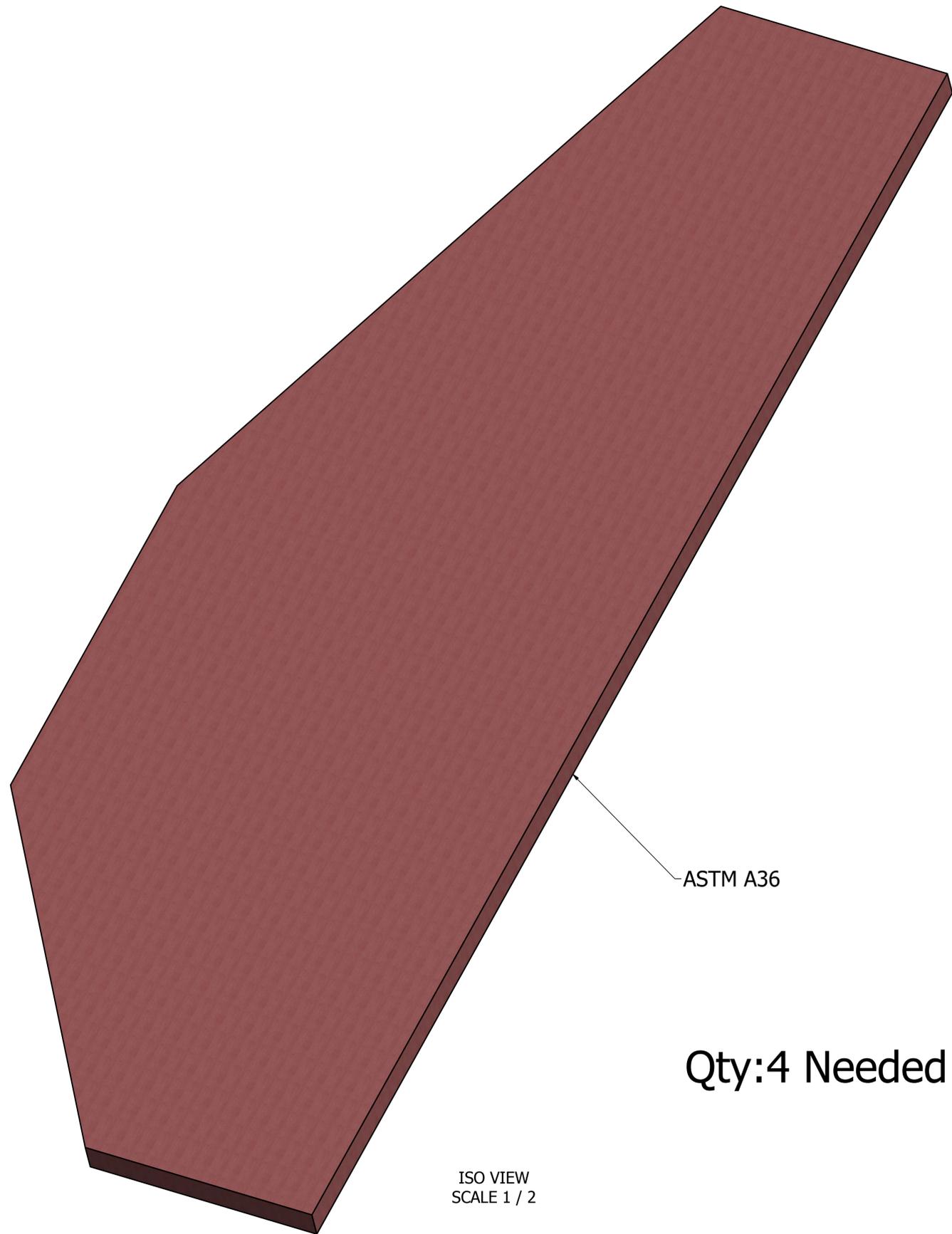
C

B

B

A

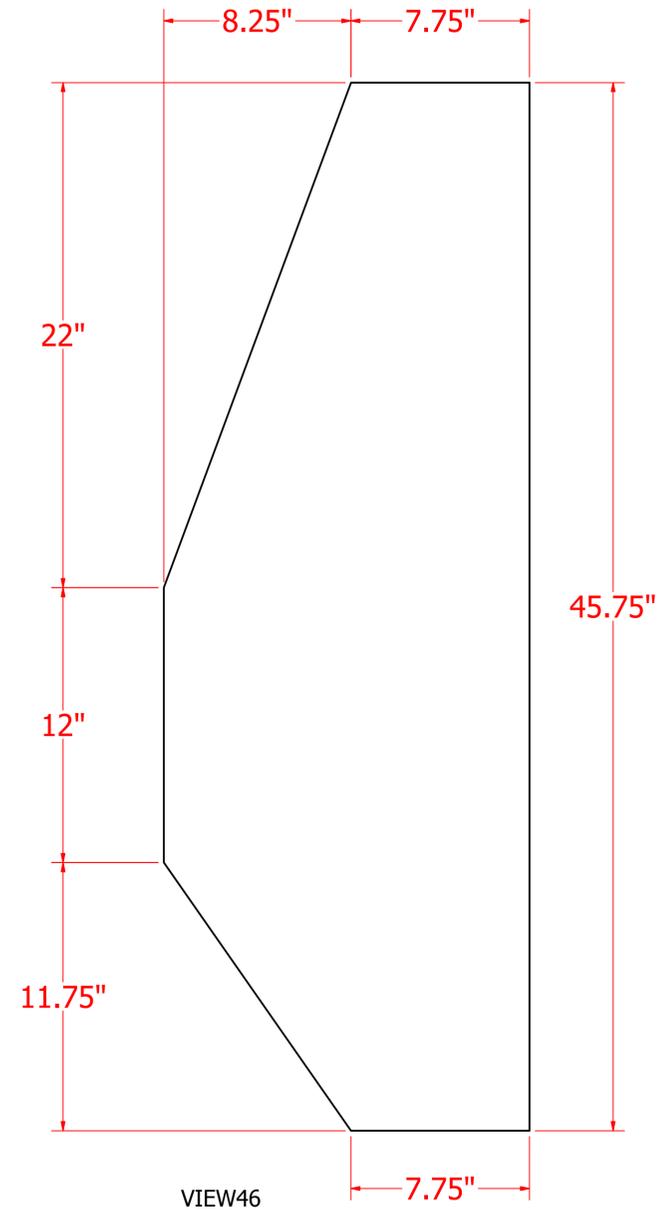
A



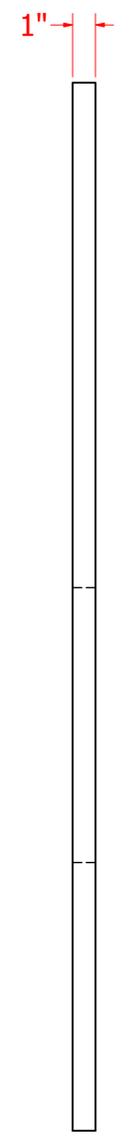
ASTM A36

Qty:4 Needed

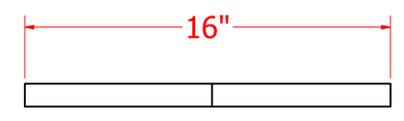
ISO VIEW
SCALE 1 / 2



VIEW46
SCALE 1 / 4



SIDE VIEW
SCALE 1 / 4



BOTTOM VIEW
SCALE 1 / 4

EXAMINED

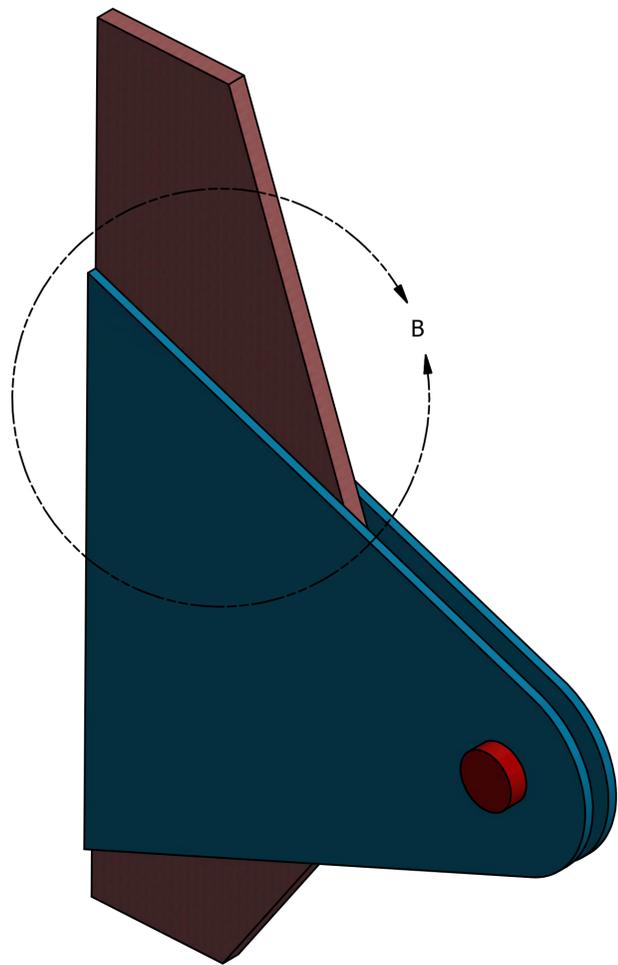
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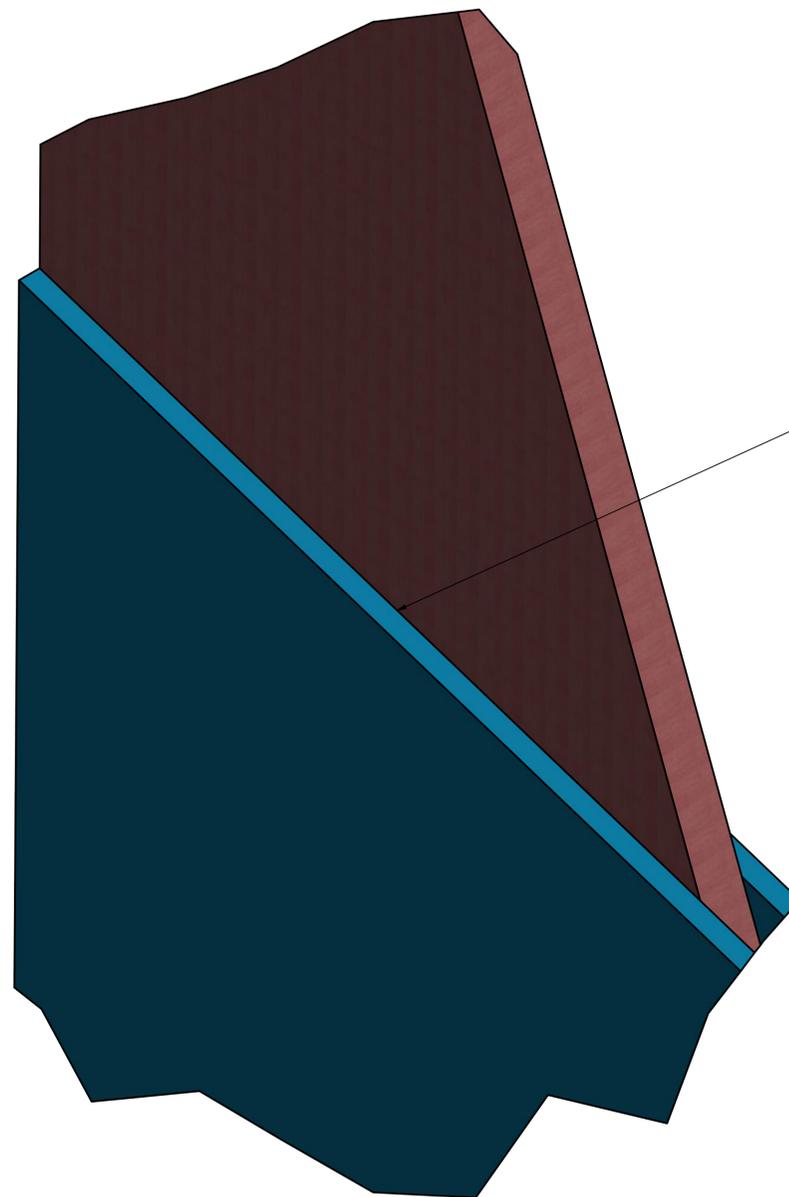
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SCALE 1 / 4		SHEET 5 OF 6		

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1



WELD DETAIL
SCALE 1 / 4



1/2"

DETAIL B
SCALE 2/3

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