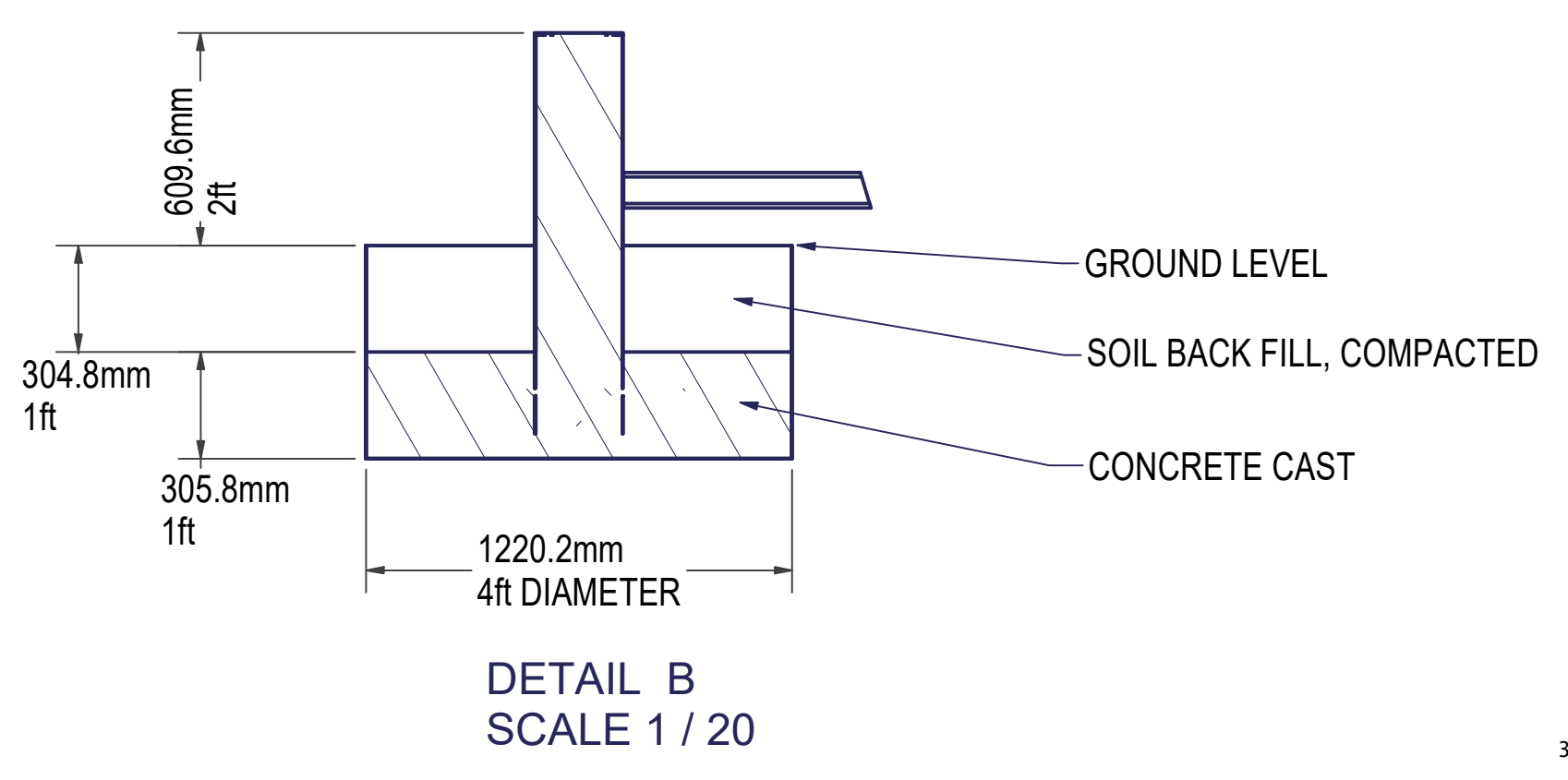
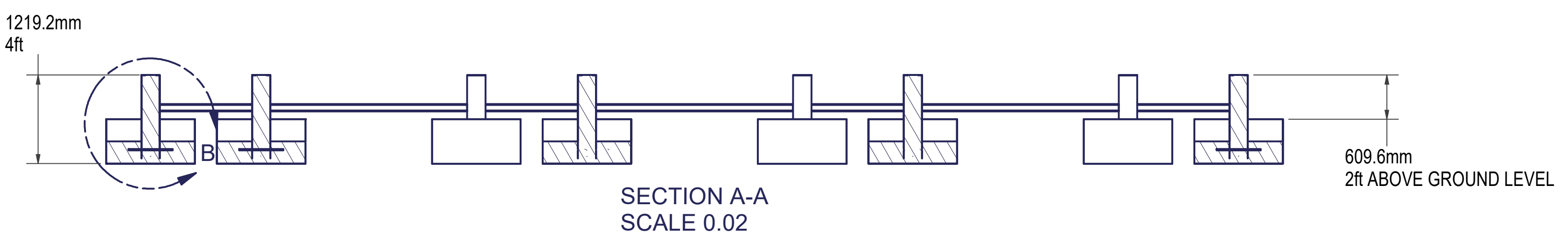
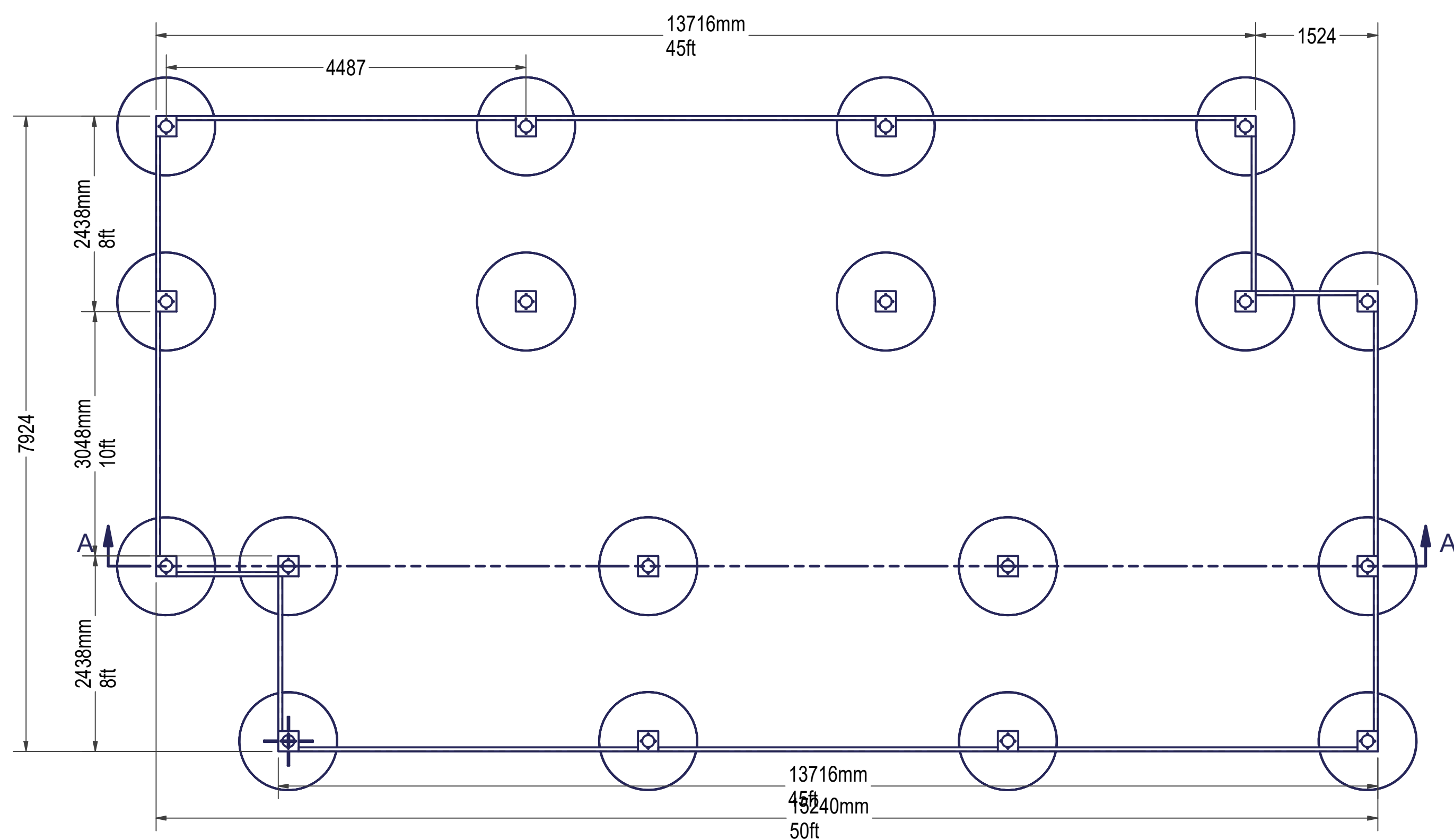
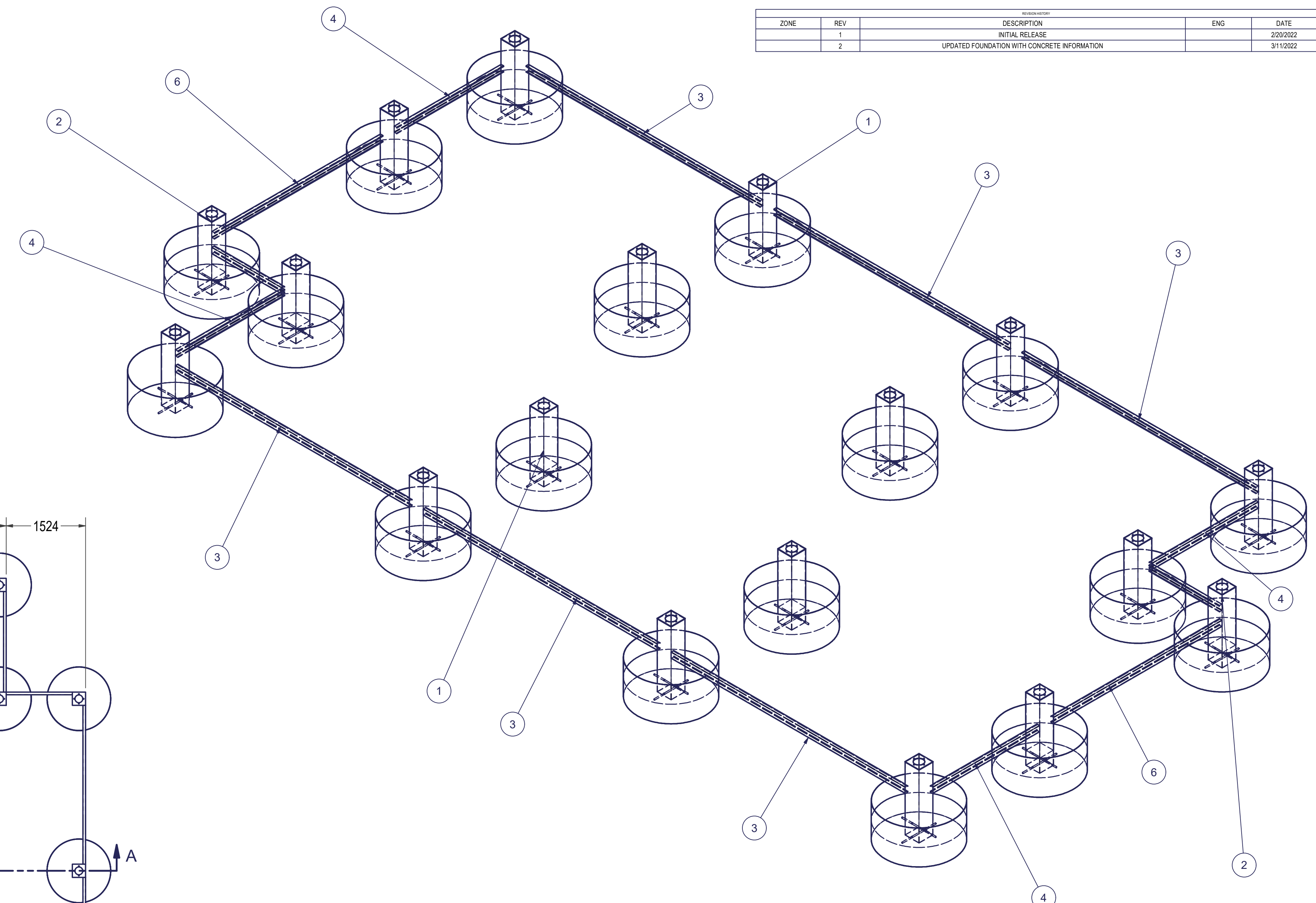


ITEM	QTY	PART NUMBER	BOM	DESCRIPTION
1	2	F_FOUND_49FT		FOUNDATION LAYOUT 49FT SHARING
2	2	F_PILLAR_ASSY		FOUNDATION PILLAR SINGLE
3	6	F_CHANNEL_F-1		CHANNEL 2"x4"
4	4	F_CHANNEL_F-2		CHANNEL 2"x4"
6	2	F_CHANNEL_F-4		CHANNEL 2"x4"
7	1	F_CHICKADEE_HOLE_LAYOUT		EXCAVATION DIMENSIONS
8	1	F_CHICKADEE_CONCRETE		CONCRETE VOLUMETRIC CAST

ZONE	REV	DESCRIPTION	ENG	DATE
	1	INITIAL RELEASE		2/20/2022
	2	UPDATED FOUNDATION WITH CONCRETE INFORMATION		3/11/2022



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MATERIAL	
THICK	
MASS	N/A
VENDOR	INTEGRATOR
STOCK #	
DRAWN	Dirk Genis
DATE	2/20/2022

Robert L. Pennington PE
7629 Mallow Road
Wilmington, NC 28411
Email: robert@RLPPE.com
Phone: 910-520-0278

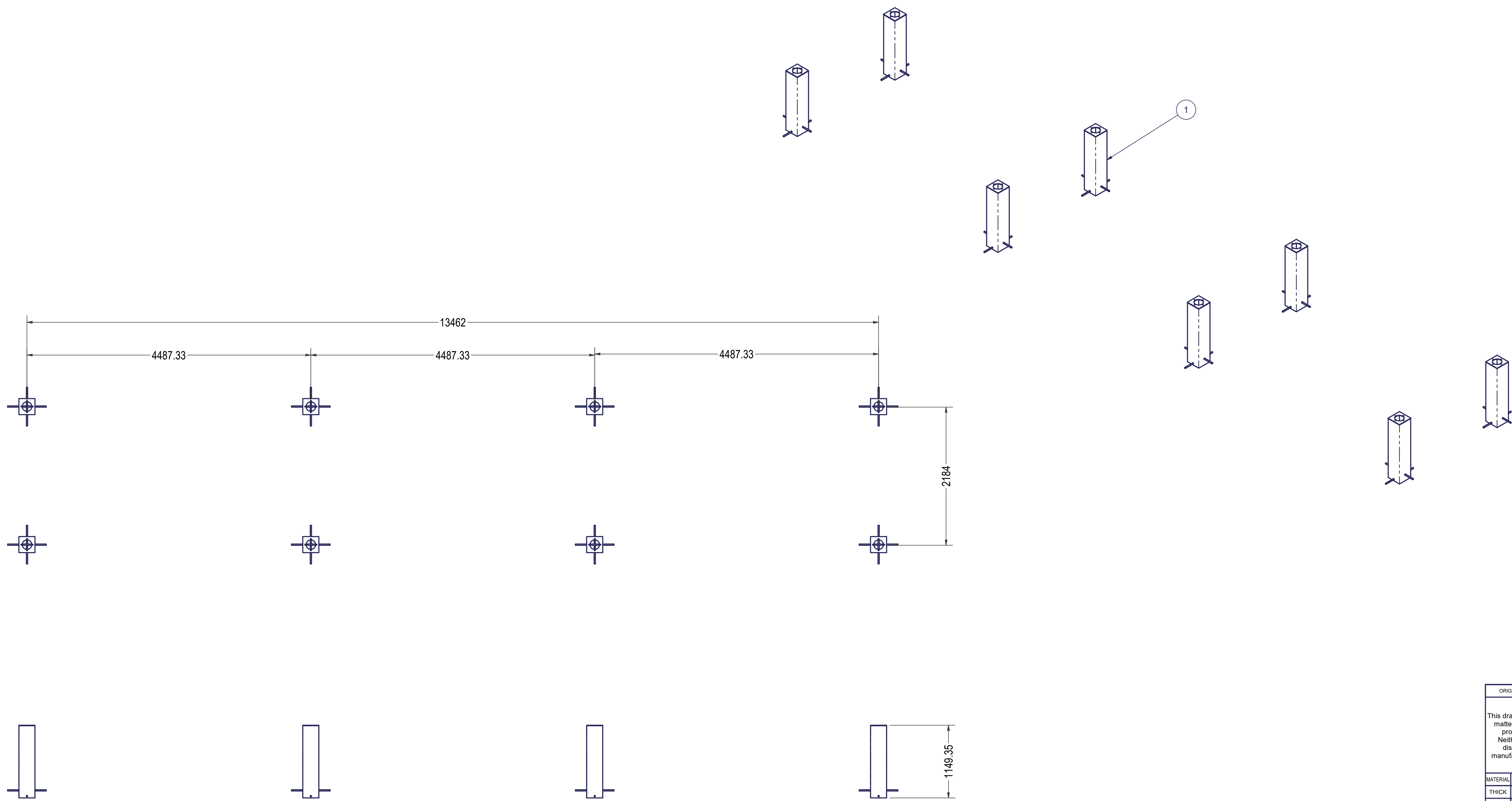
3/13/2022

SELF SUSTAINABLE SOLUTIONS

TITLE: FOUNDATION LAYOUT CHICKADEE

<p>FLAT PATTERN GEOMETRY IS GOVERNED BY DXF WITH THE EXPECTED TOLERANCE OF +/- 0.15mm ON ALL DXF CUTS</p>	<p>This print is shared on a confidential basis subject to return upon demand by SSS and nothing herein may be reproduced, used or disclosed in whole or in part without the prior written permission of Osprey.</p>	<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS</p>		<p>REMOVE ALL SHARP EDGES AND BURRS</p>																	
		<p>GENERAL TOLERANCES LINEAR DIMENSIONS</p>	<p>DIMENSION TOLERANCES ARE GOVERNED BY DIN ISO 2768-mK</p>																		
<table border="1"> <tr> <th>LINEAR</th> <th>0.5</th> <th>3</th> <th>10</th> <th>30</th> <th>100</th> <th>300</th> <th>1000</th> <th>3000</th> </tr> <tr> <td>±0.1</td> <td>±0.1</td> <td>±0.2</td> <td>±0.3</td> <td>±0.5</td> <td>±0.8</td> <td>±1.2</td> <td>±2.0</td> <td></td> </tr> </table>	LINEAR	0.5	3	10	30	100	300	1000	3000	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2.0				<p>DRAWING NUMBER: F_CHICKADEE LAYOUT</p> <p>SHEET 1 OF 10 SIZE: B REVISION: 2</p>
LINEAR	0.5	3	10	30	100	300	1000	3000													
±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2.0														

BOM			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	8	F_PILLAR ASSY	FOUNDATION PILLAR SINGLE



DocuSigned by:
 Robert L. Pennington
 00843963350F452
 3/13/2022

ROBERT L. PENNINGTON
 PROFESSIONAL ENGINEER
 SEAL 25045
 NORTH CAROLINA
 PROFESSIONAL ENGINEER
 ROBERT L. PENNINGTON

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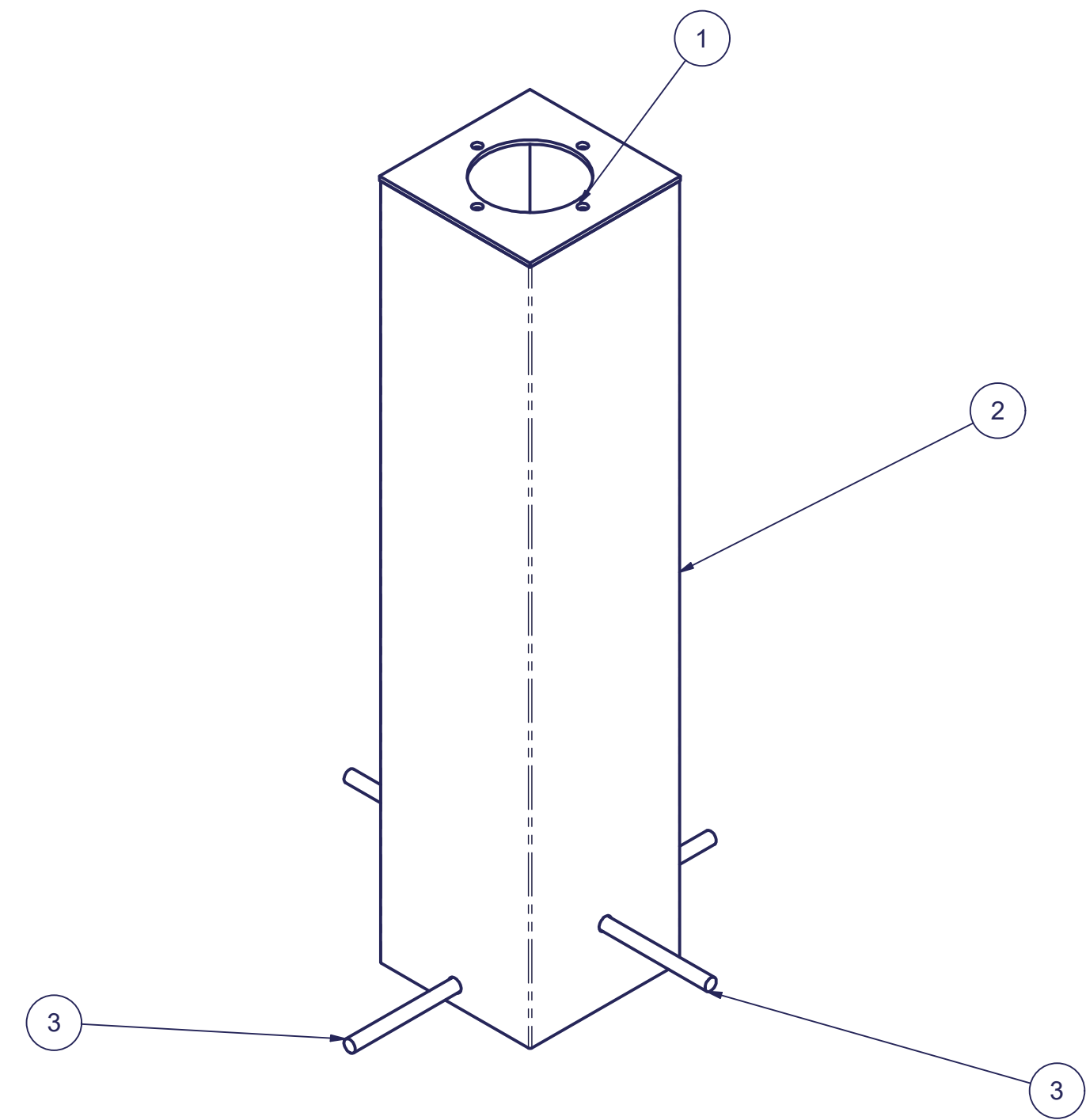
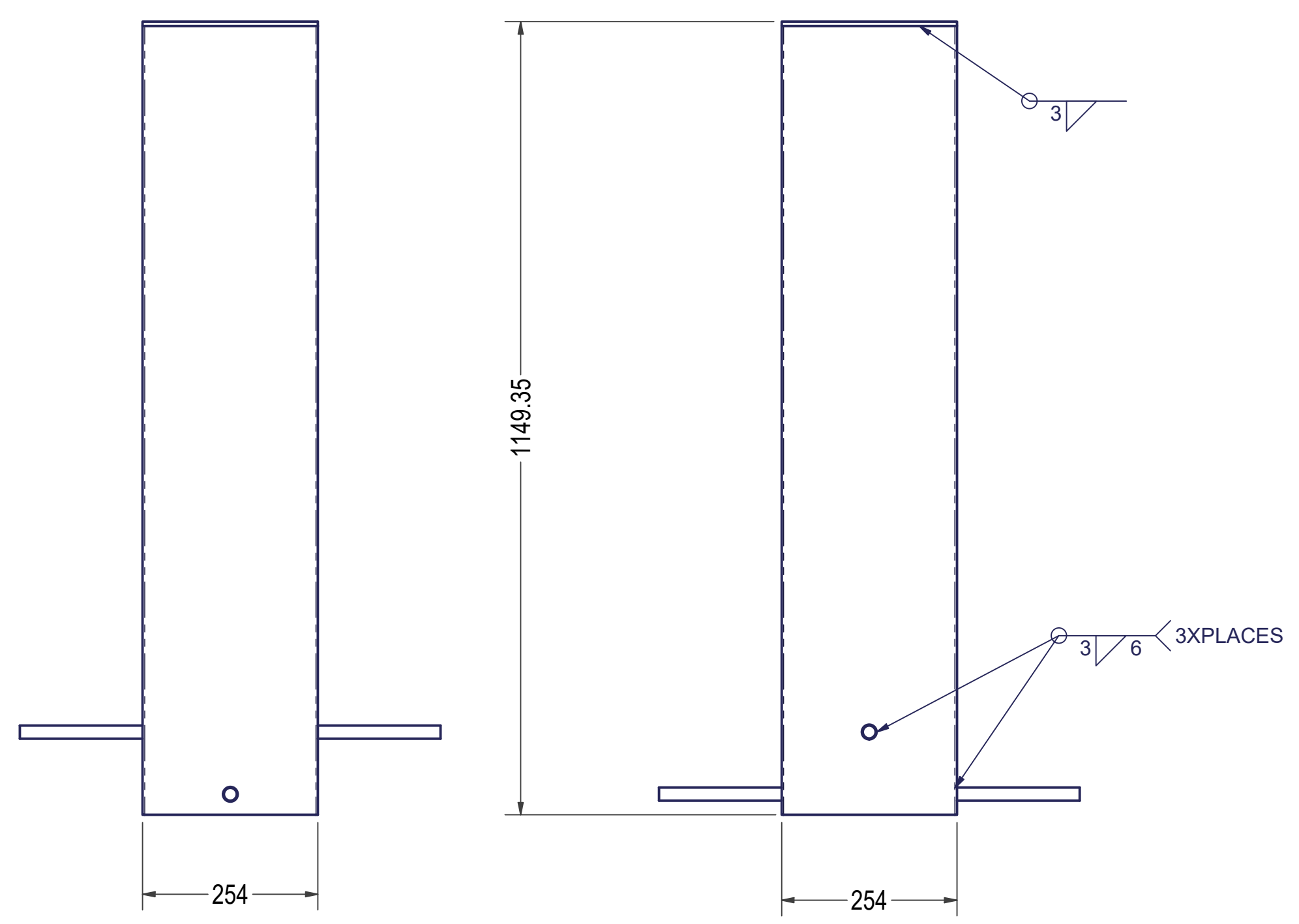
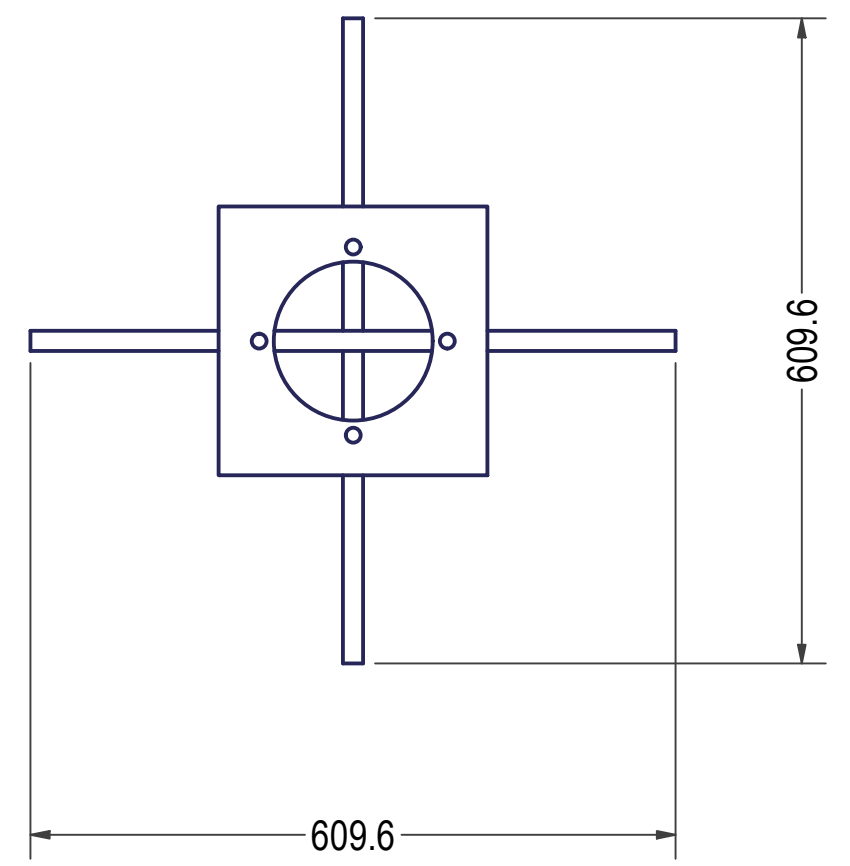
MATERIAL	
THICK	
MASS	N/A
FINISH	NONE
ENGINEER	Dirk Genis
DRAWN	Dirk Genis
DATE	2/20/2022



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LINEAR	0.5	3	8	30	120	400	1000	2000	SHEET 2 OF 10 SIZE: B REVISION: 2		
	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2.0				

TITLE
 FOUNDATION LAYOUT 40FT, SHARING

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PLATE BASE FOUNDATION	BASE PLATE
2	1	TUBE PILLAR	TUBE PILLAR
3	2	REBAR PILLAR SECTION	RUBAR #6 (Ø.75", 19MM)



DocuSigned by:
 Robert L. Pennington
 3/13/2022

PROFESSIONAL SEAL
 ROBERT L. PENNINGTON, ENGINEER
 25045

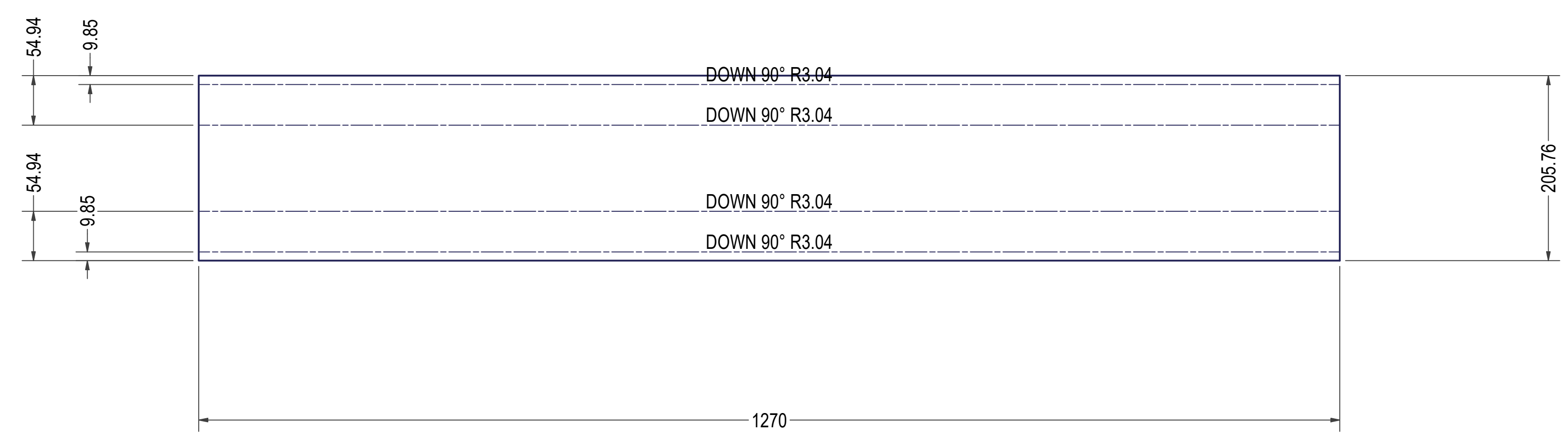
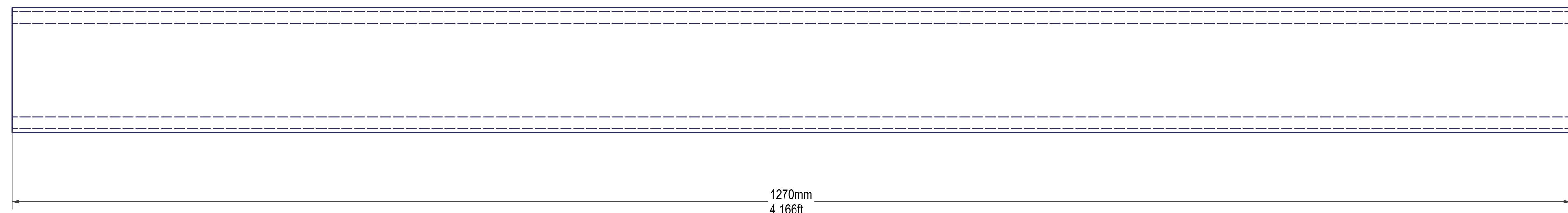
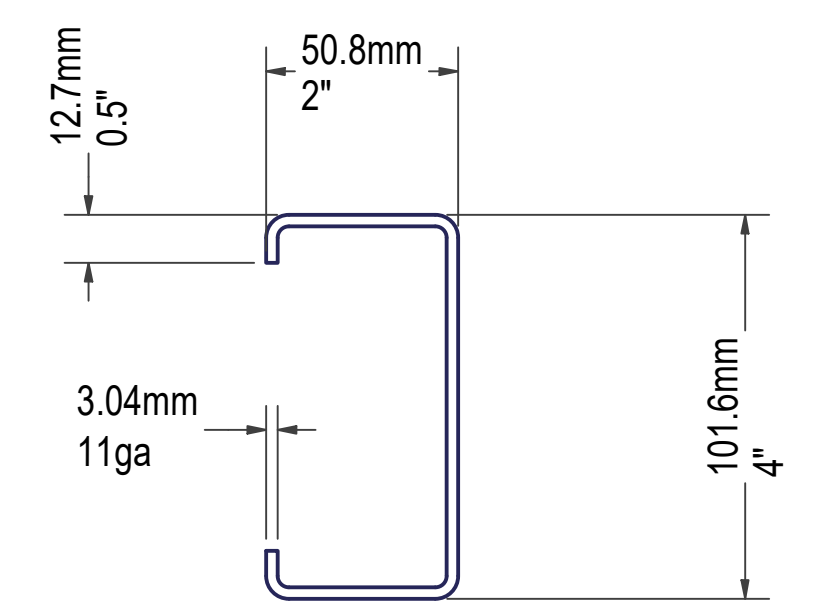
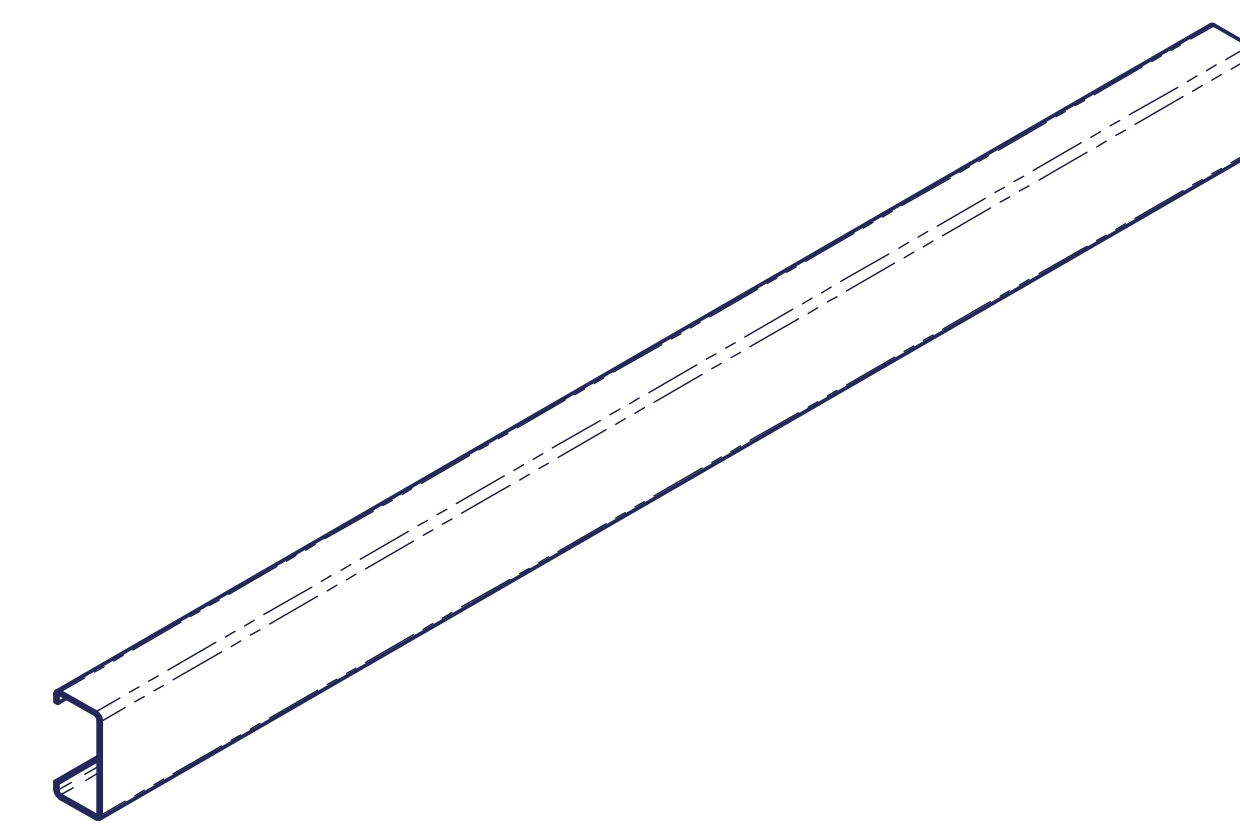
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 Phone: 910-520-0278

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MATERIAL	
THICK	
MASS	N/A
FINISH	NONE
ENGINEER	Dirk Genis
DRAWN	Dirk Genis
DATE	2/20/2022



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	DIMENSION TOLERANCES ARE GOVERNED BY DIN ISO 2768-mK	ALL OTHER FEATURE DIMENSION TOLERANCES ARE GOVERNED BY	

TITLE
 FOUNDATION PILLAR SINGLE



DXF FILE: CHANNEL F-3_1

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 00643983350F452
 3/13/2022

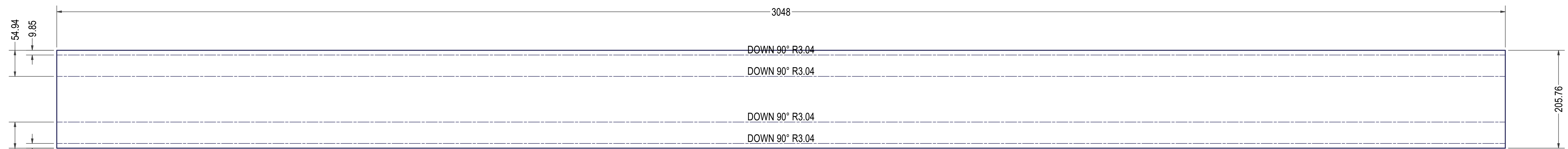
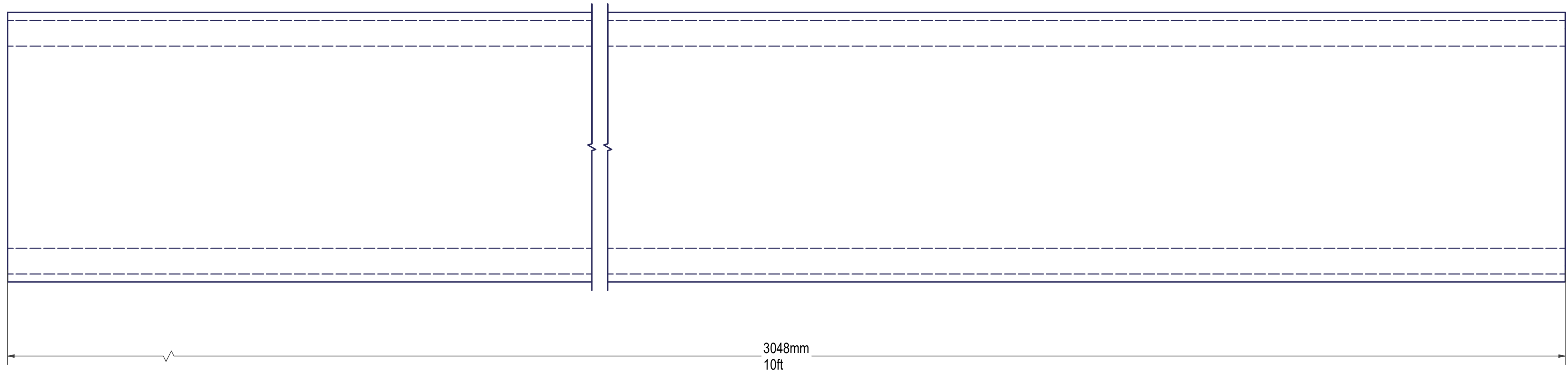
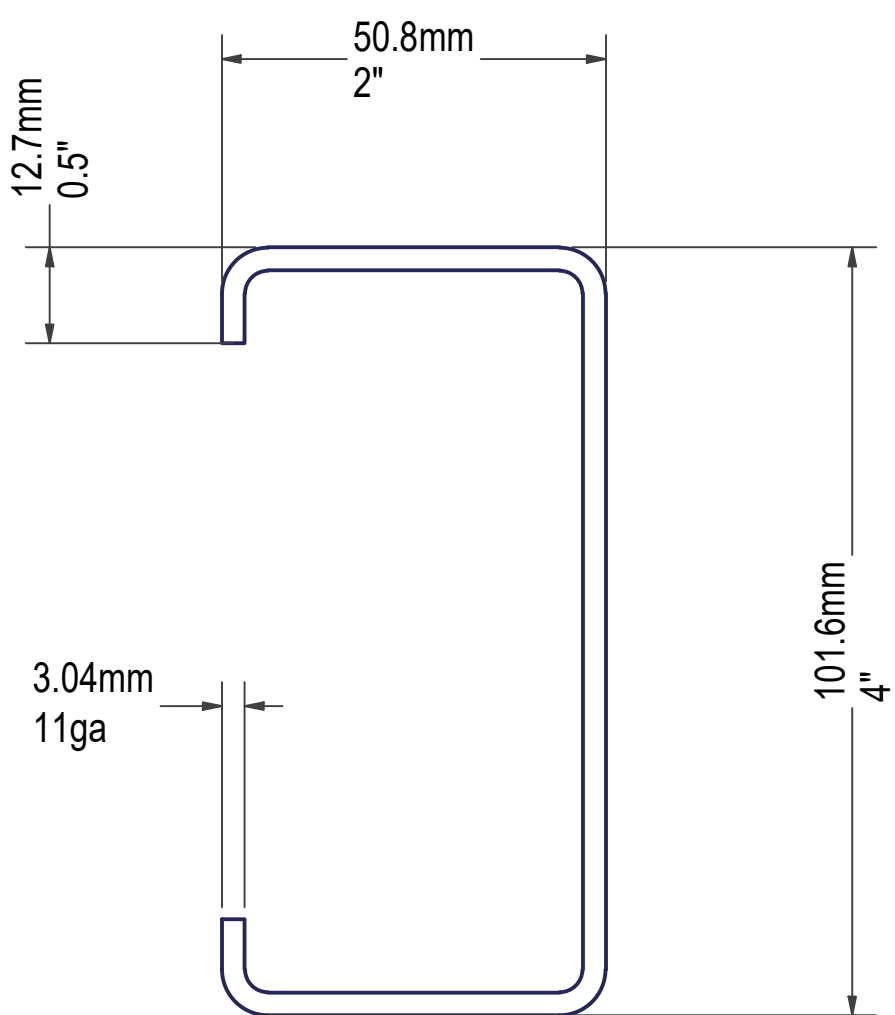
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MATERIAL	Steel ASTM A1011 CS Type B
THICK	3.038 mm
MASS	N/A
FINISH	NONE
ENGINEER	Dirk Genis
DRAWN	Dirk Genis
DATE	2/20/2022



TITLE
 CHANNEL 2"x4"

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		GENERAL TOLERANCES LINEAR DIMENSIONS ALL OTHER FEATURE DIMENSION TOLERANCES ARE GOVERNED BY DIN ISO 2768-mK	SHEET 4 OF 10			



DXF FILE: CHANNEL F-4_1

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 00643993350F452
 3/13/2022

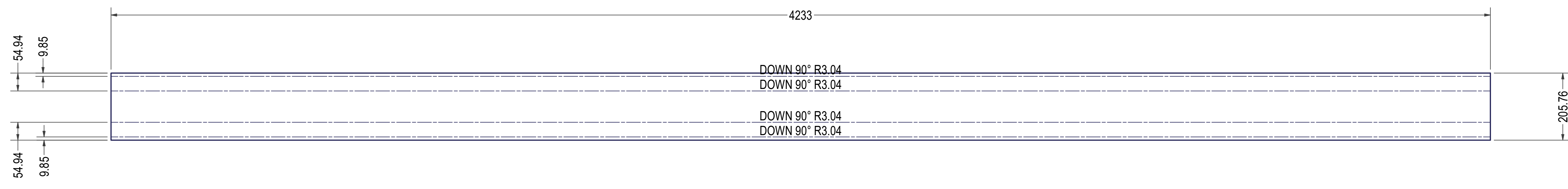
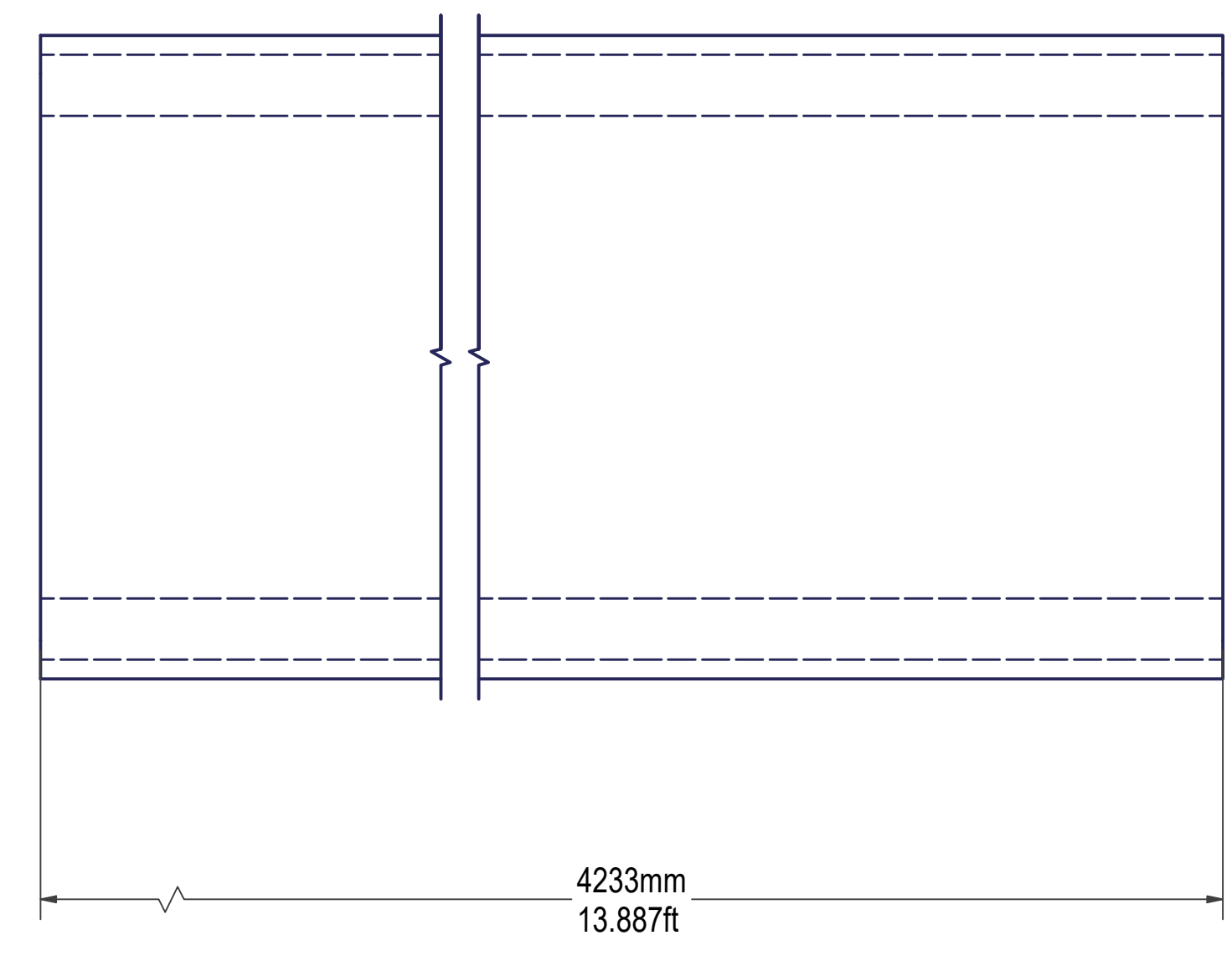
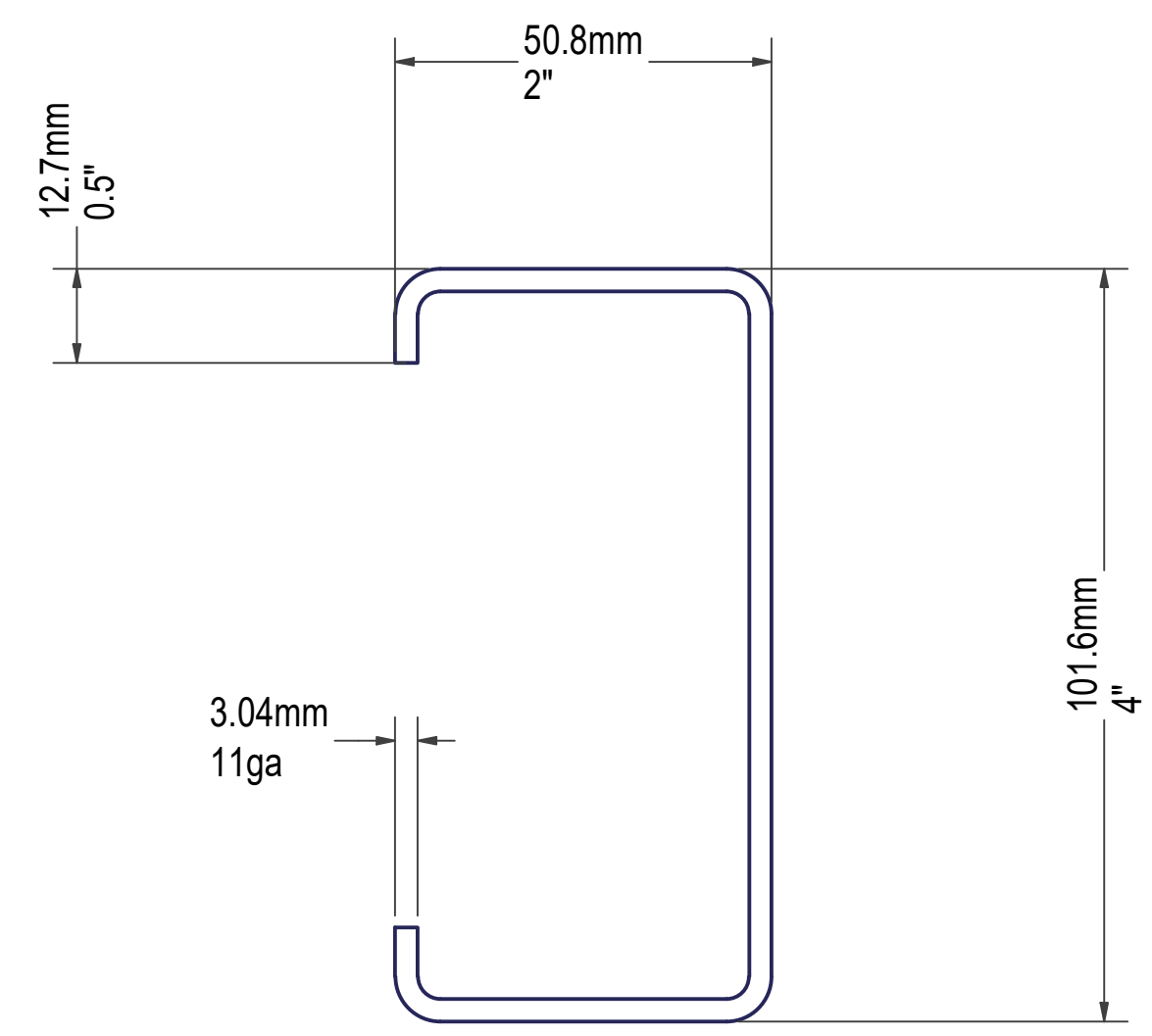
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MATERIAL	Steel ASTM A1011 CS Type B
THICK	3.038 mm
MASS	N/A
FINISH	NONE
ENGINEER	Dirk Genis
DRAWN	Dirk Genis
DATE	2/20/2022



TITLE
 CHANNEL 2"x4"

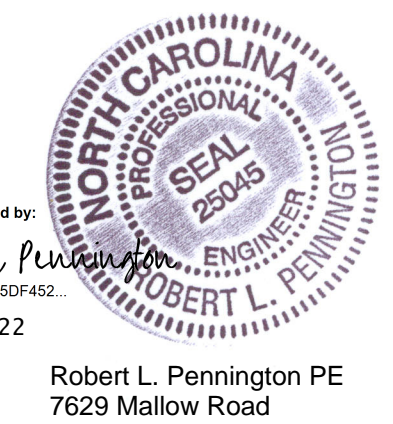
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		GENERAL TOLERANCES LINEAR DIMENSIONS ALL OTHER FEATURE DIMENSION TOLERANCES ARE GOVERNED BY DIN ISO 2768-mK	THIRD ANGLE PROJECTION	
DRAWING NUMBER F_CHANNEL F-4		SHEET 5 OF 10		SIZE: B REVISION: 2



DXF FILE: CHANNEL F-1_1

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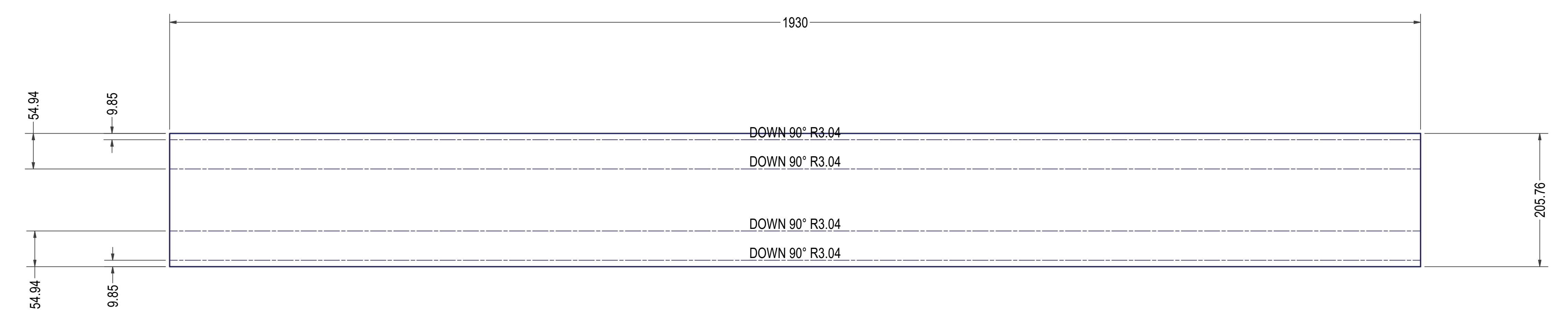
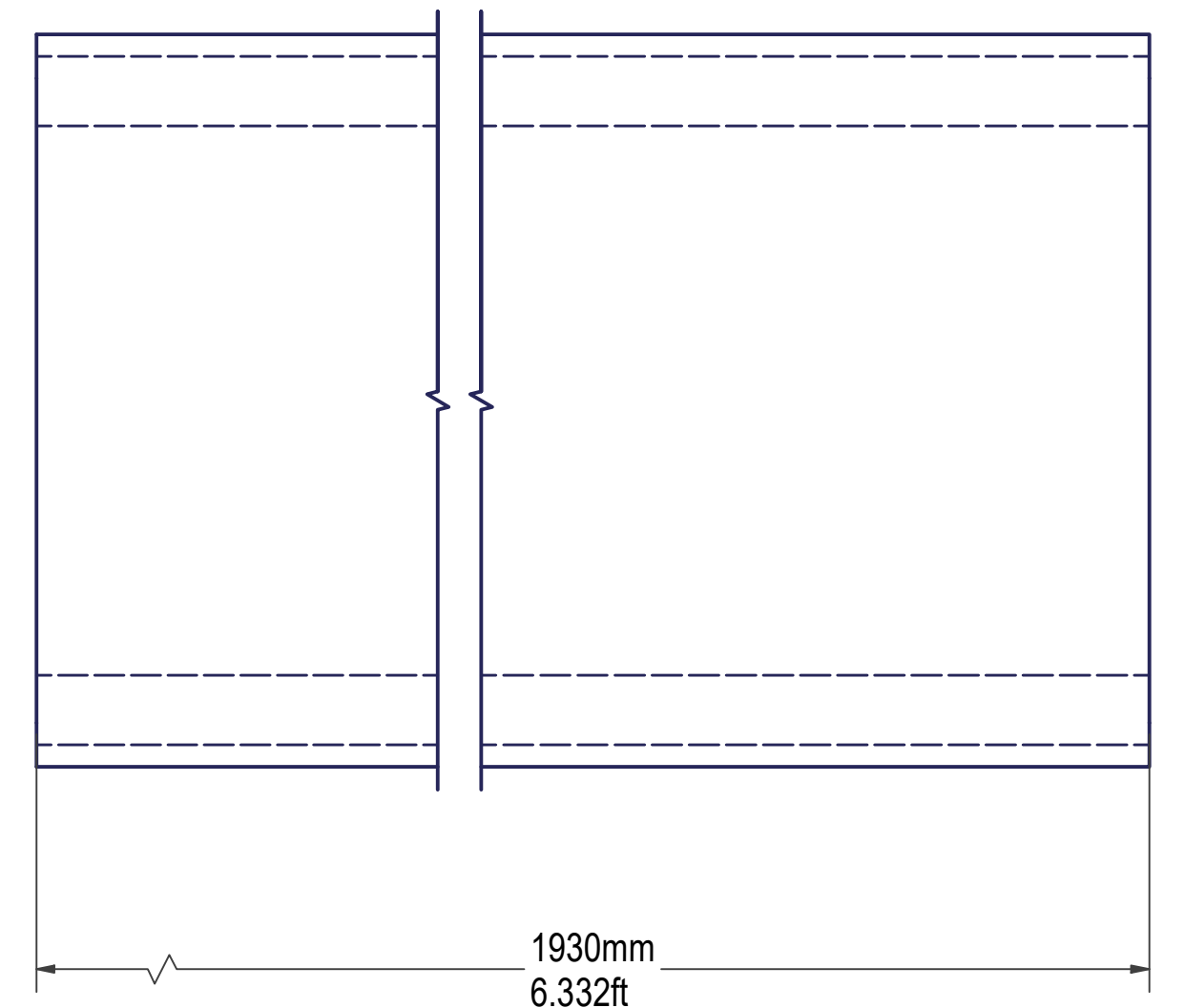
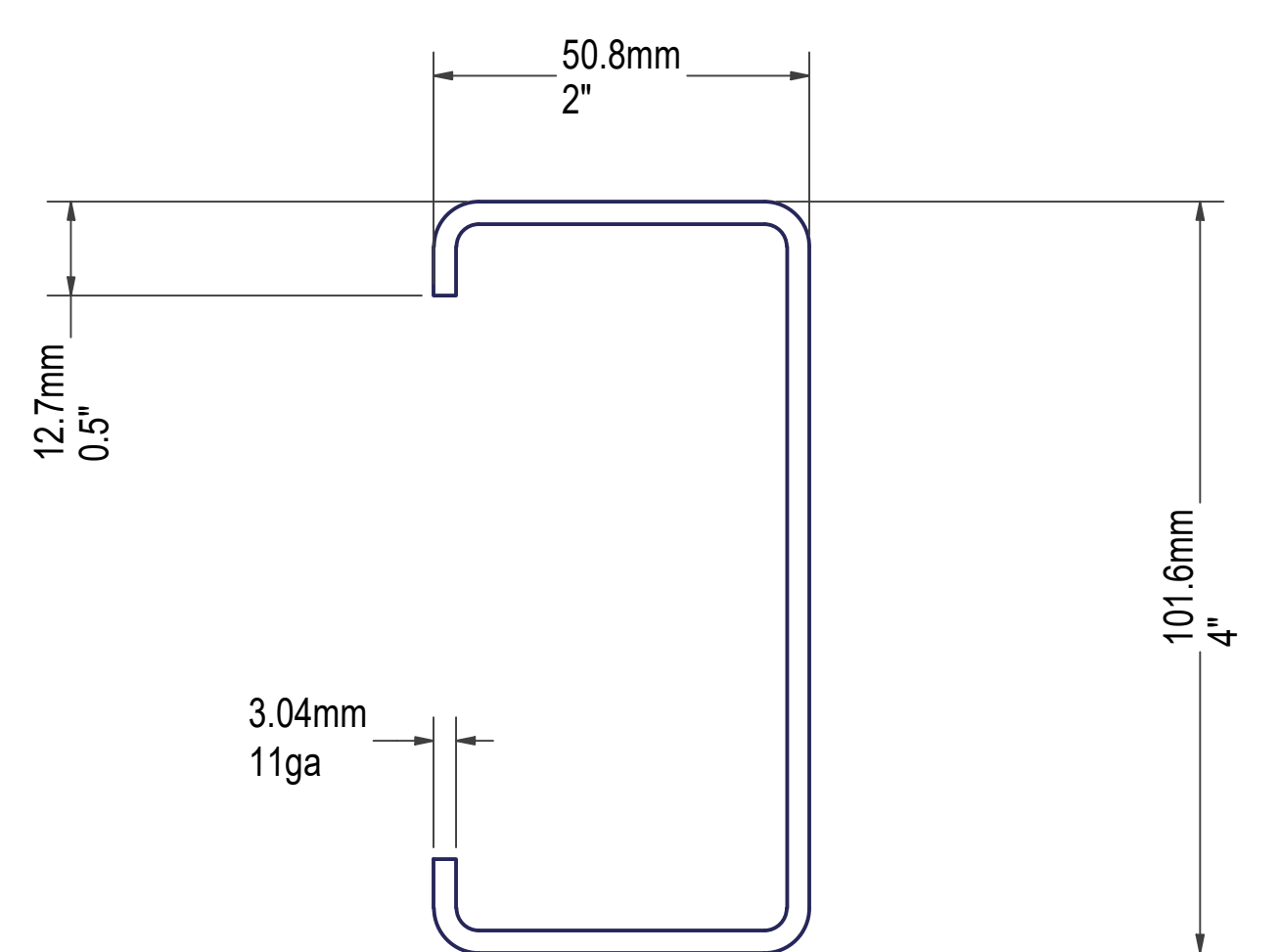


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MATERIAL	Steel ASTM A1011 CS Type B
THICK	3.038 mm
MASS	N/A
FINISH	NONE
ENGINEER	Dirk Genis
DRAWN	Dirk Genis
DATE	2/20/2022



TITLE
CHANNEL 2"x4"

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		GENERAL TOLERANCES LINEAR DIMENSIONS ALL OTHER FEATURE DIMENSION TOLERANCES ARE GOVERNED BY DIN ISO 2768-mK	LINEAR TO 3 : ±0.1 TO 6 : ±0.2 TO 30 : ±0.3 TO 120 : ±0.5 TO 400 : ±0.8 TO 1000 : ±1.2 TO 2000 : ±2.0			
		SHEET 6 OF 10		SIZE B		REVISION 2



DXF FILE: CHANNEL F-2_1



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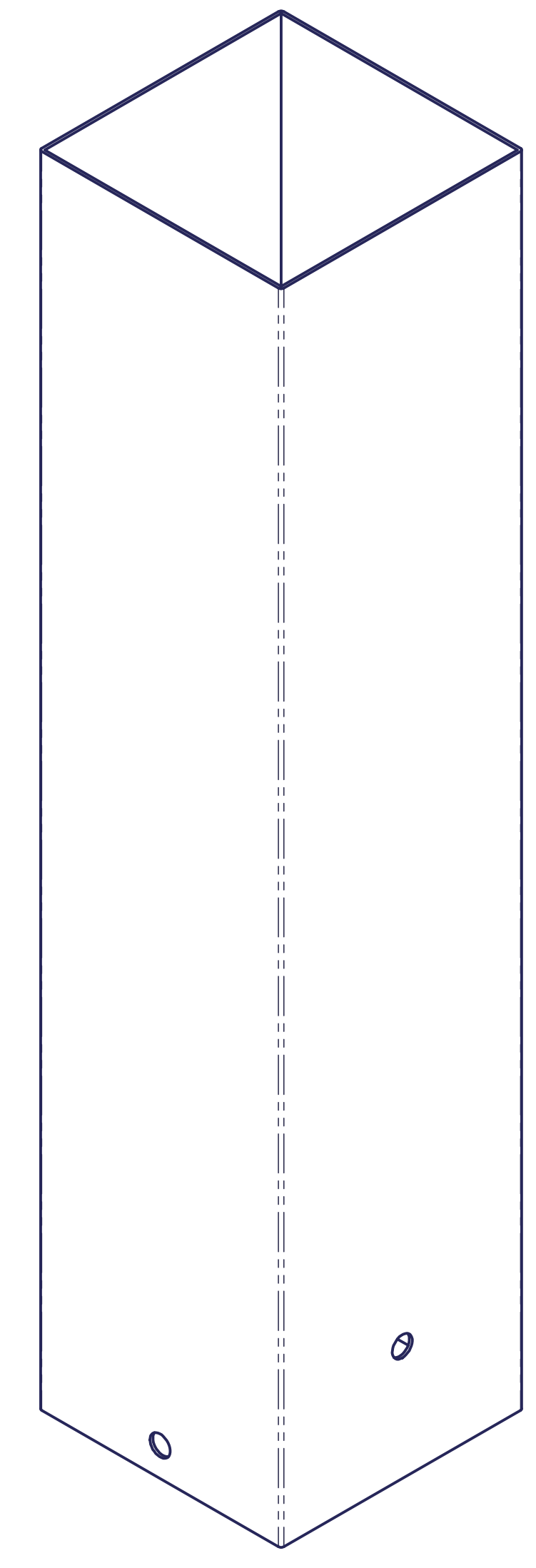
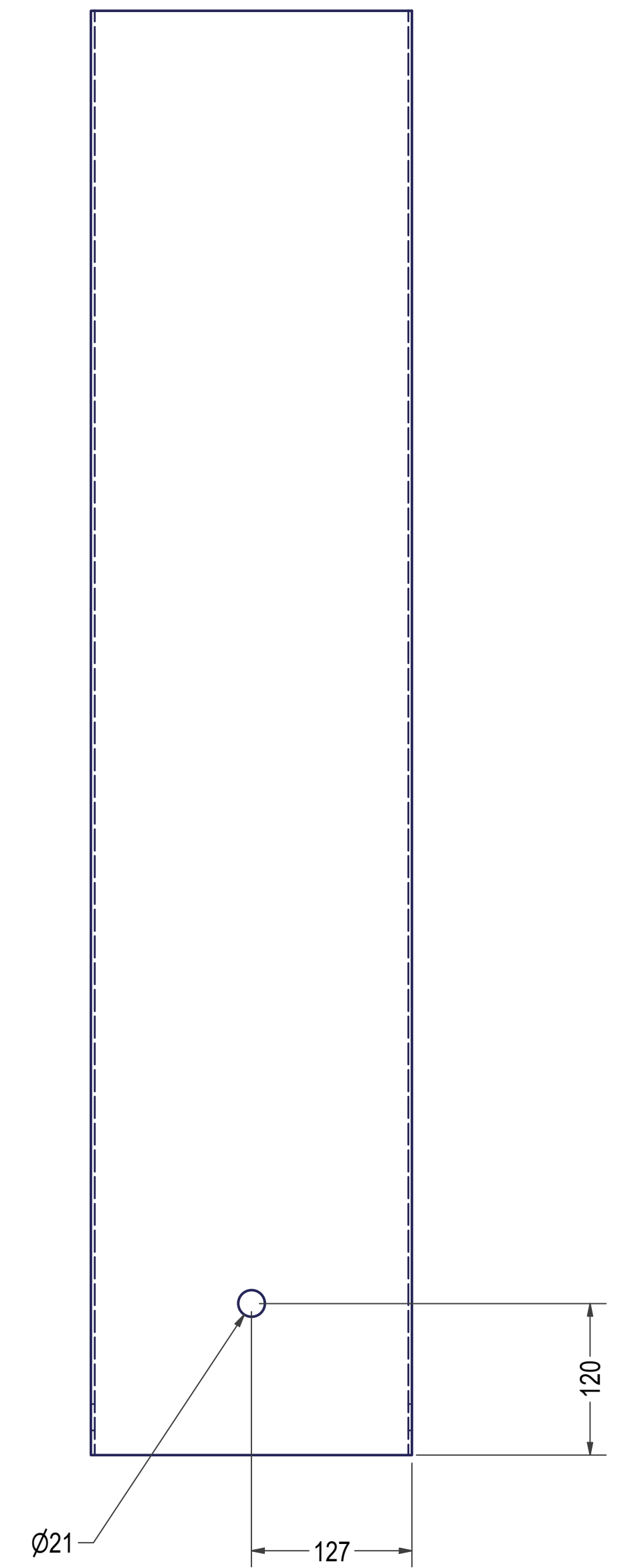
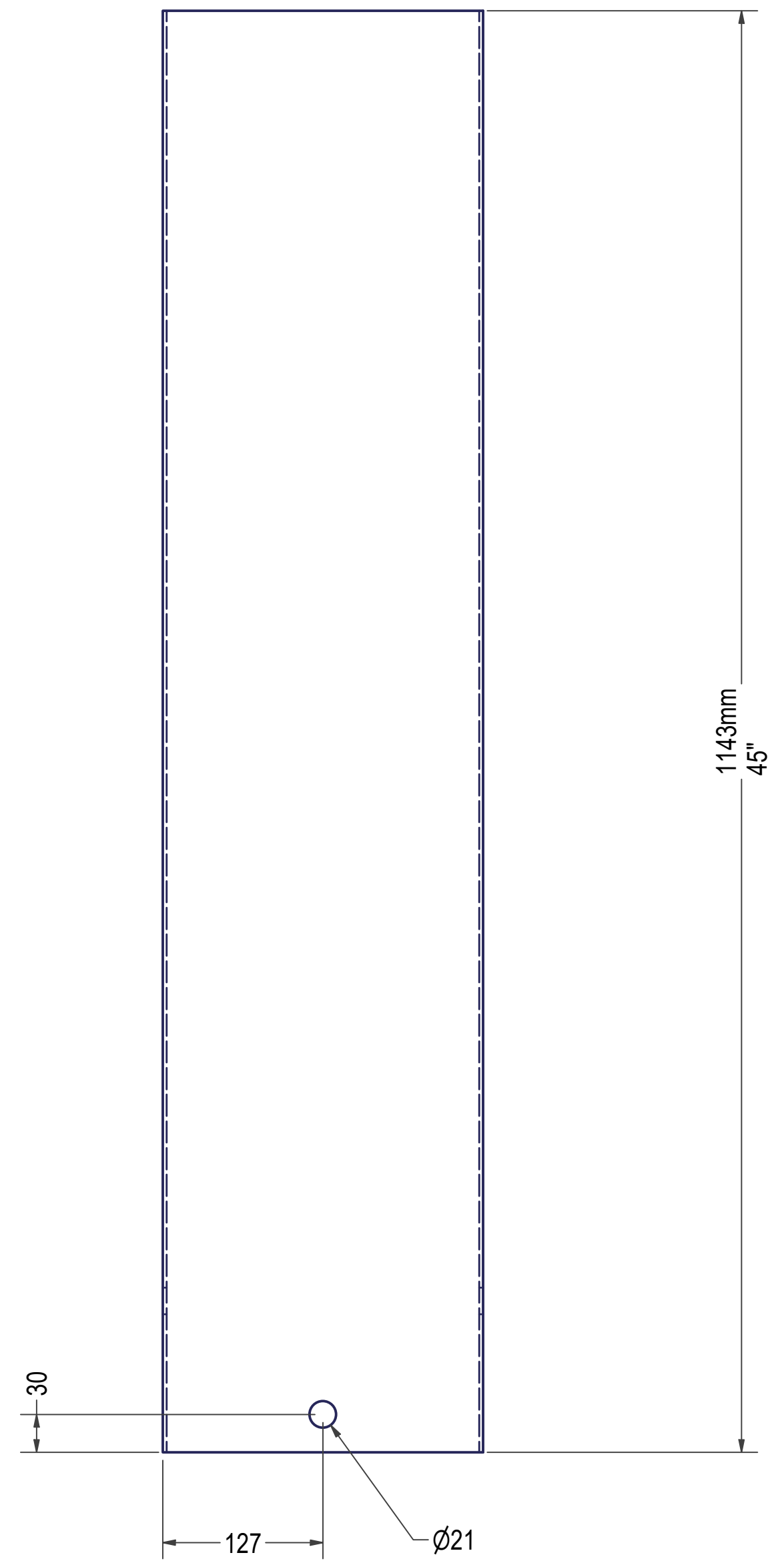
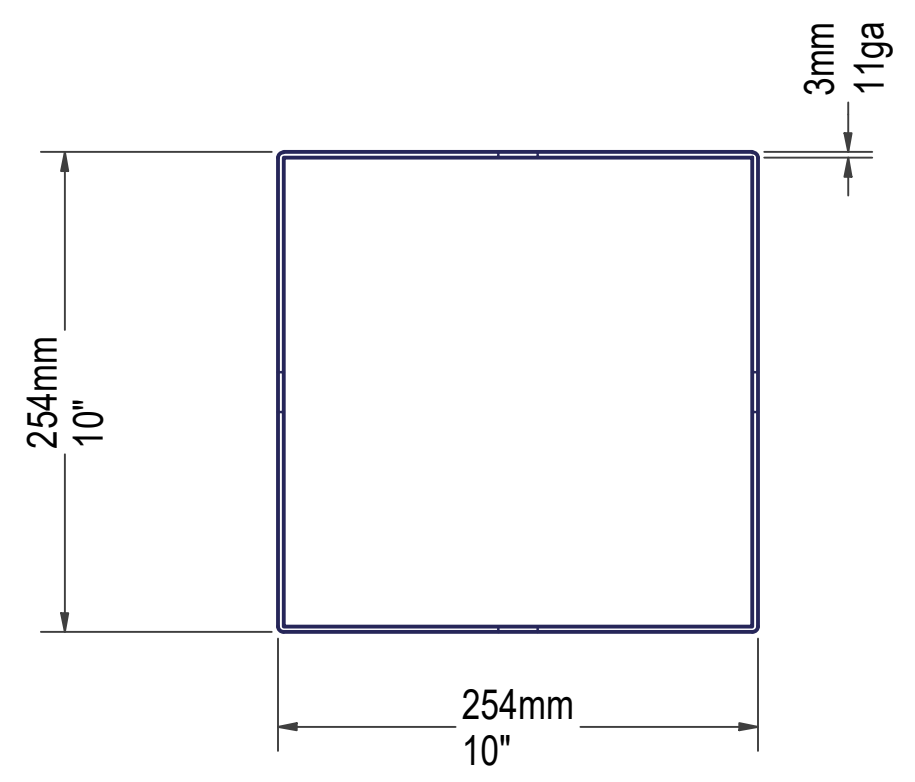
Robert L. Pennington PE
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MATERIAL	Steel ASTM A1011 CS Type B
THICK	3.038 mm
MASS	N/A
FINISH	NONE
ENGINEER	Dirk Genis
DRAWN	Dirk Genis
DATE	2/20/2022



TITLE
CHANNEL 2"x4"

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LINEAR	0.5 TO 3	3 TO 6	6 TO 30	30 TO 120	120 TO 400
	±0.1	±0.2	±0.3	±0.5	±0.8
					±1.2
					±2.0
THIRD ANGLE PROJECTION		SHEET 7 OF 10		SIZE B REVISION 2	



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Robert L. Pennington
0064399335DF452
3/13/2022

NORTH CAROLINA
PROFESSIONAL SEAL
25045
ENGINEER
ROBERT L. PENNINGTON

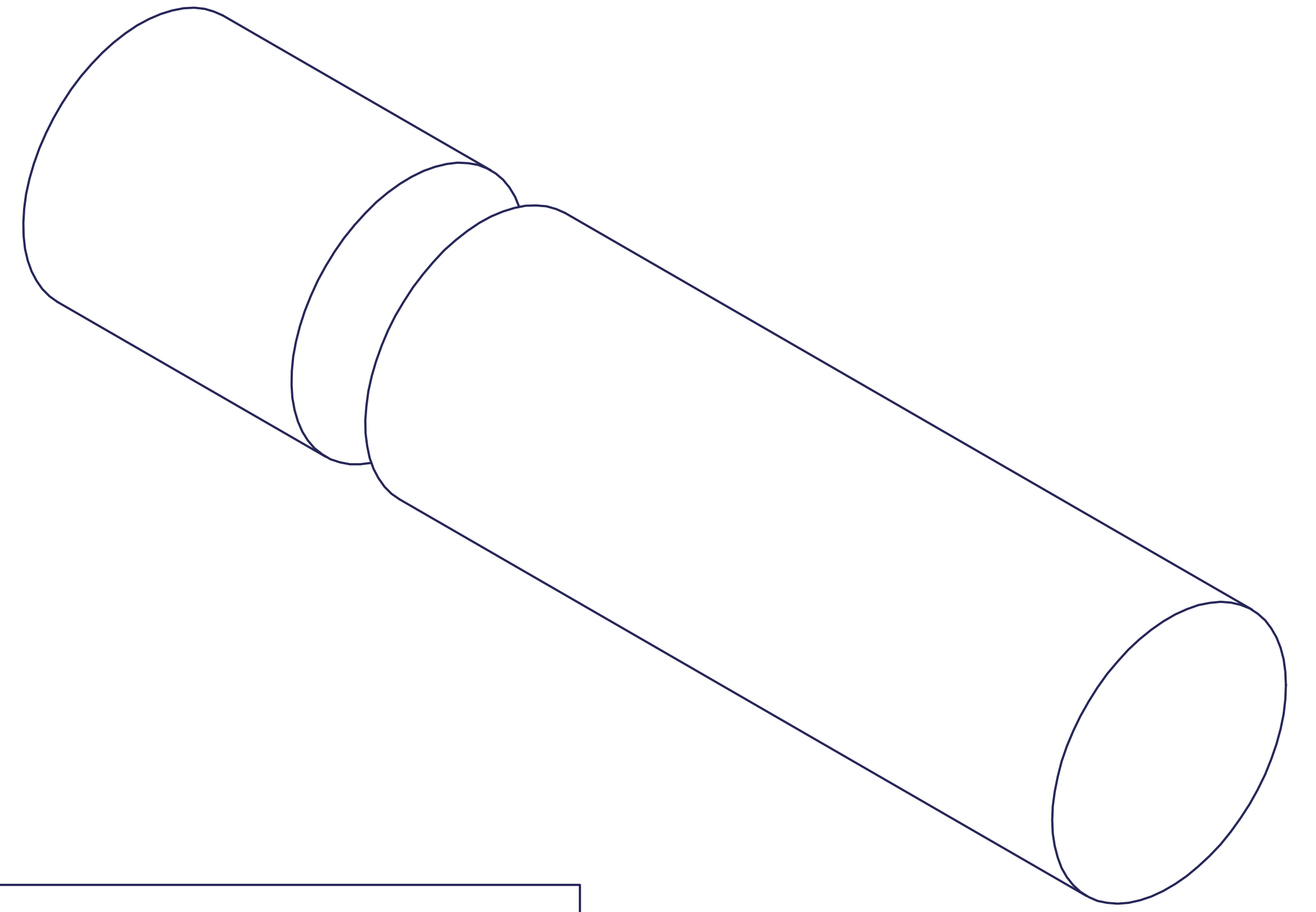
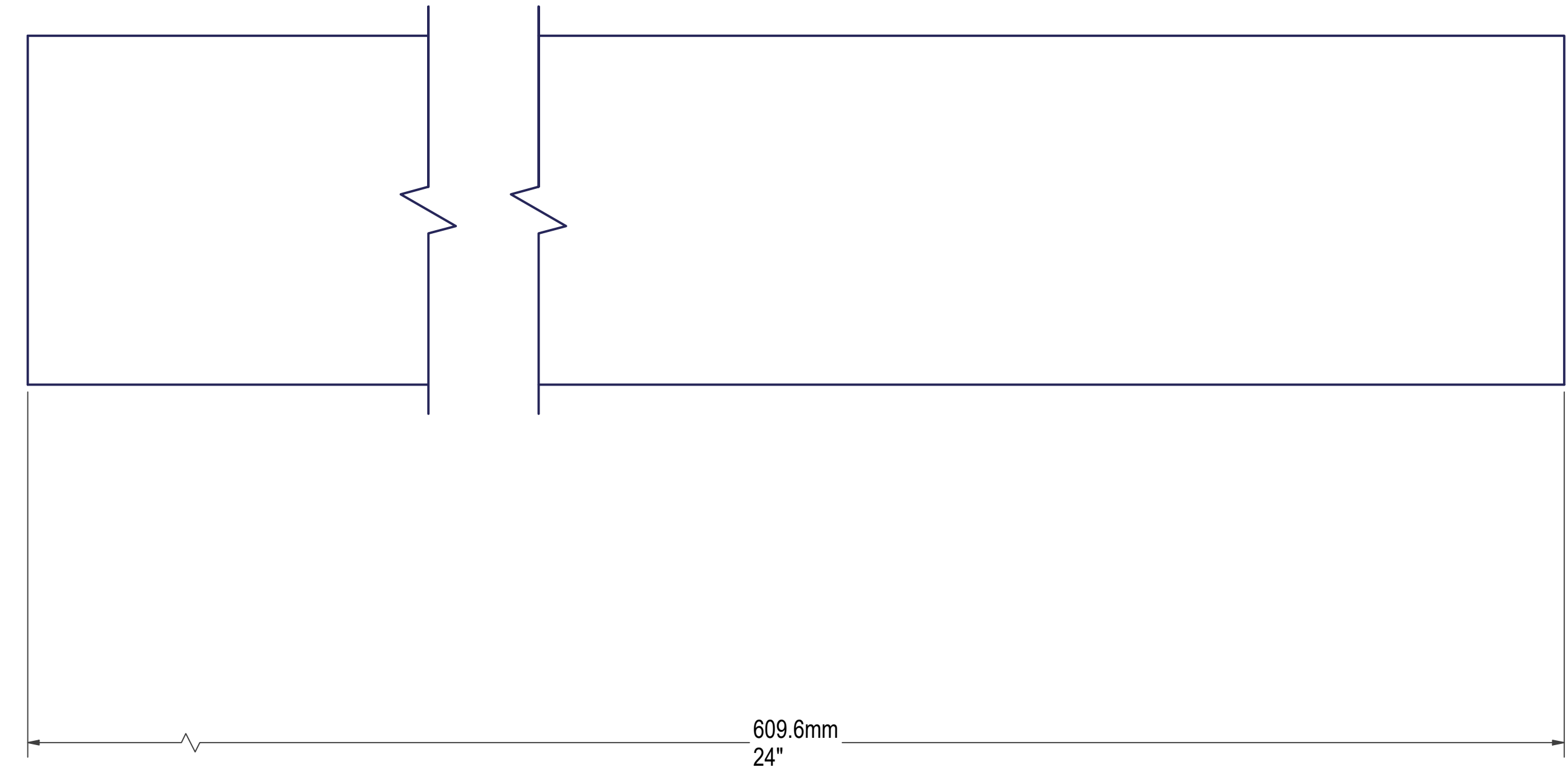
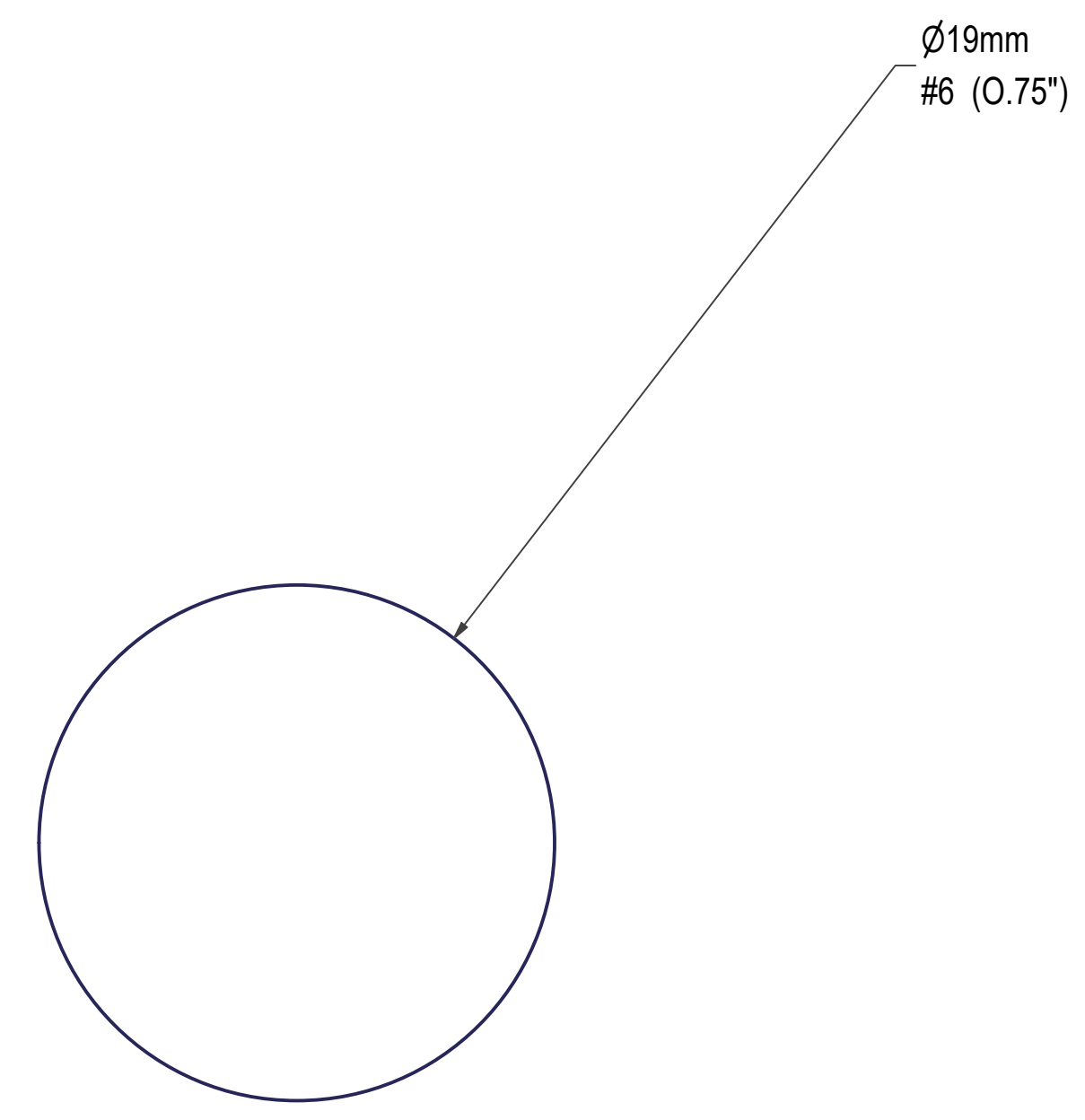
Robert L. Pennington PE
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Wilmington, NC 28411
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MATERIAL	Steel ASTM A500 GR B STRUCTURAL
THICK	
MASS	26.923 kg
FINISH	NONE
ENGINEER	Dirk Genis
DRAWN	Dirk Genis
DATE	2/20/2022

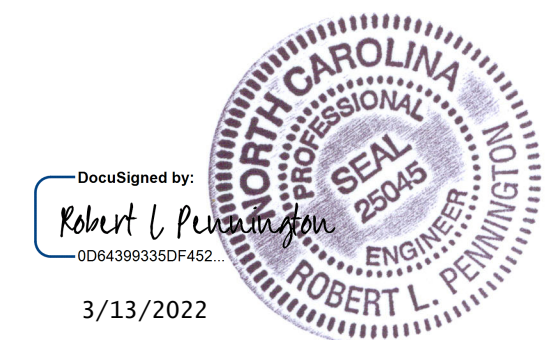


TITLE
TUBE PILLAR

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	LINEAR TO : 0.5 TO : 3 TO : 6 TO : 30 TO : 60 TO : 120 TO : 240 TO : 480 TO : 960 TO : 1920	DIMENSION TOLERANCES ARE GOVERNED BY DIN ISO 2768-mK	
DRAWING NUMBER TUBE PILLAR			SHEET 9 OF 10 SIZE: B REVISION: 2



MATERIAL: CARBON STEEL ASTM 615



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MATERIAL	Generic
THICK	
MASS	0.173 kg
FINISH	NONE
ENGINEER	Dirk Genis
DRAWN	Dirk Genis
DATE	2/20/2022



TITLE
RUBAR #6 (0.75" ,19MM)

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS									
GENERAL TOLERANCES LINEAR DIMENSIONS									
LINEAR	0.5 TO 3	3 TO 6	6 TO 10	10 TO 30	30 TO 120	120 TO 400	400 TO 1000	1000 TO 2000	2000 TO 4000
±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2.0		

REMOVE ALL SHARP EDGES AND BURRS
 THIRD ANGLE PROJECTION
 DRAWING REBAR PILLAR SECTION
 SHEET 10 OF 10
 SIZE: B
 REVISION: 2