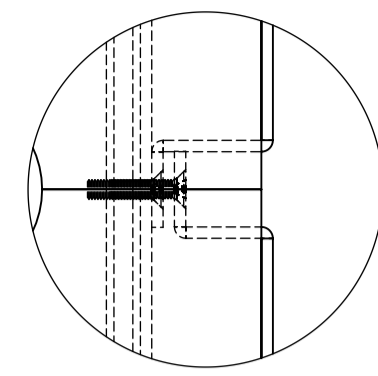
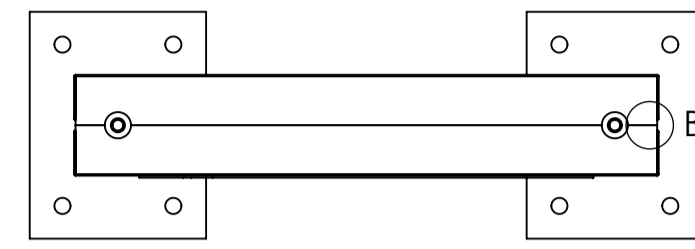


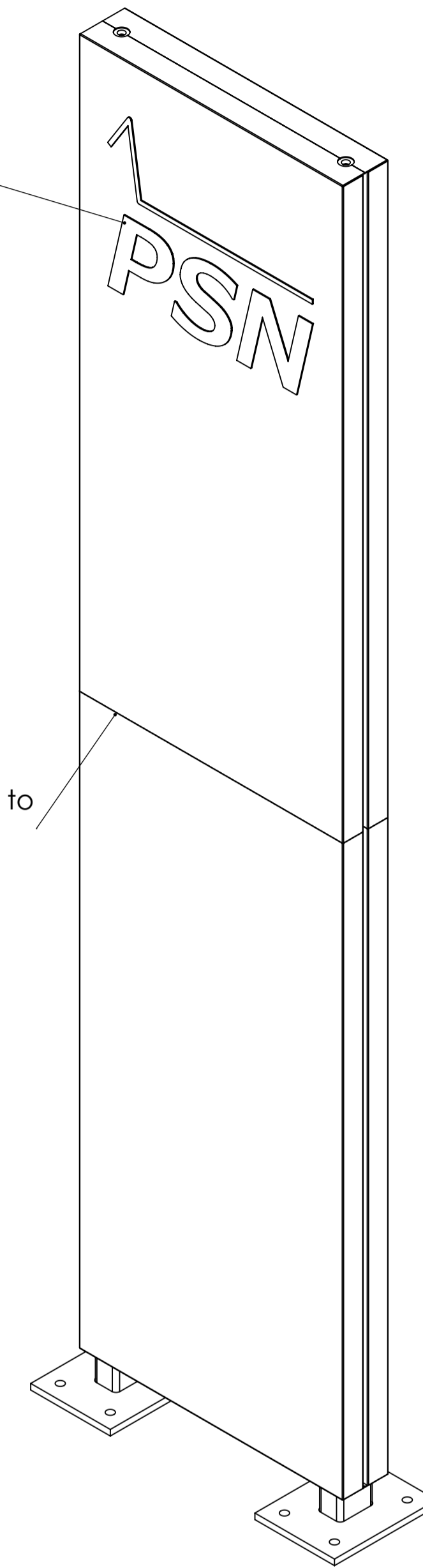


DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED. ALL DIMENSIONS TO BE CHECKED ON SITE.

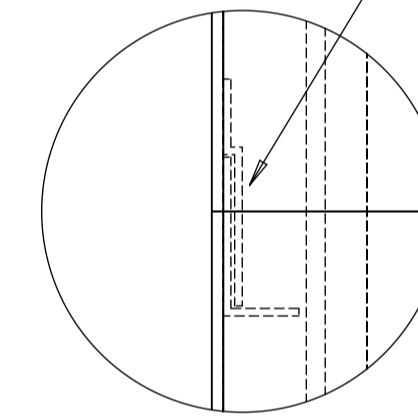


DETAIL B
SCALE 1 : 2

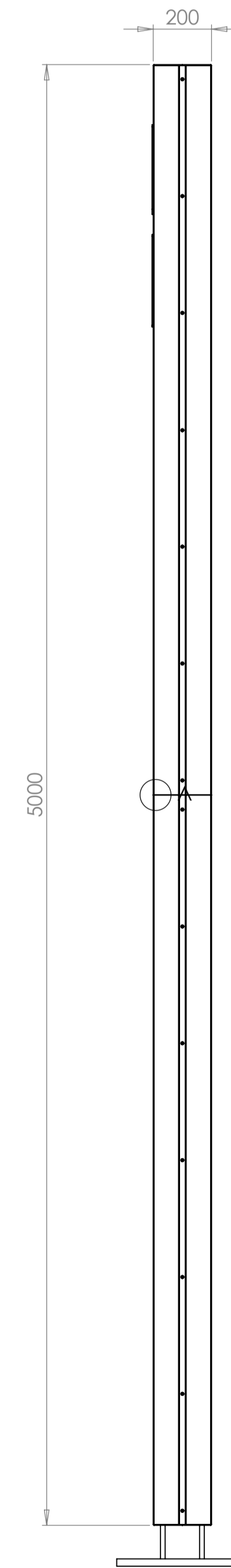
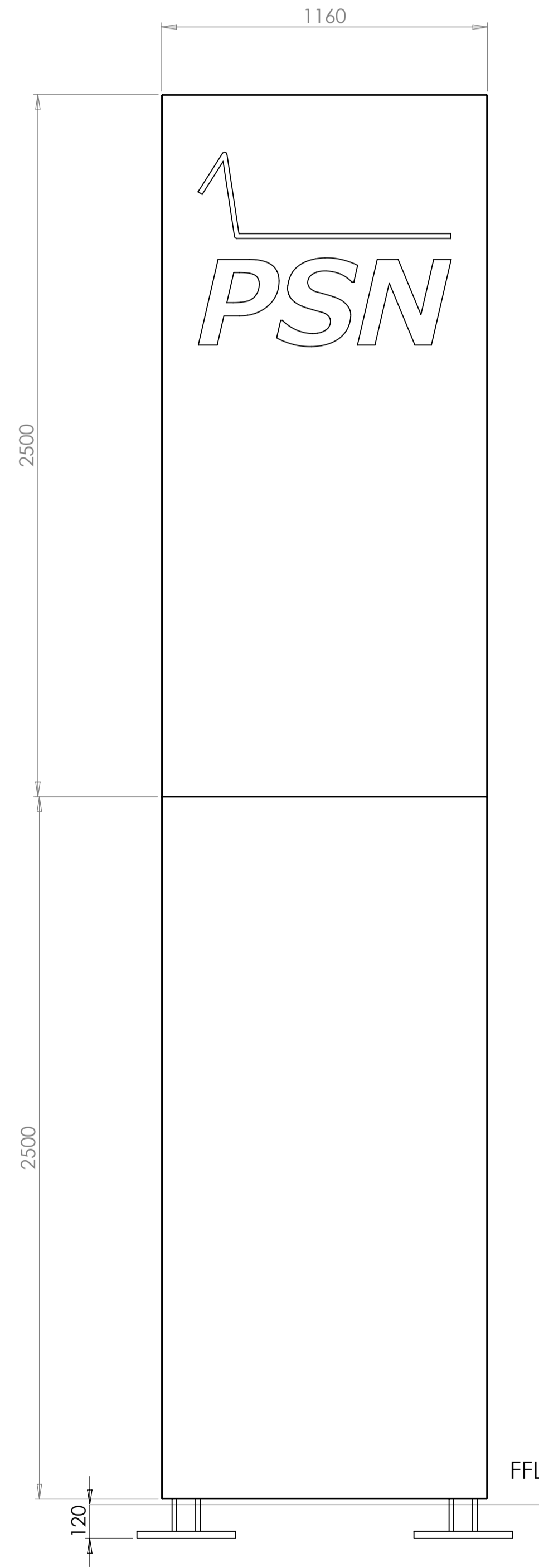
Illuminated pushed through acrylic



Pocket joint detail to panel splits



DETAIL A
SCALE 1 : 2



SCALE	SCALE:1:15
DRAWING NUMBER	
REV	
DATE	02/08/2020
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CLIENT	

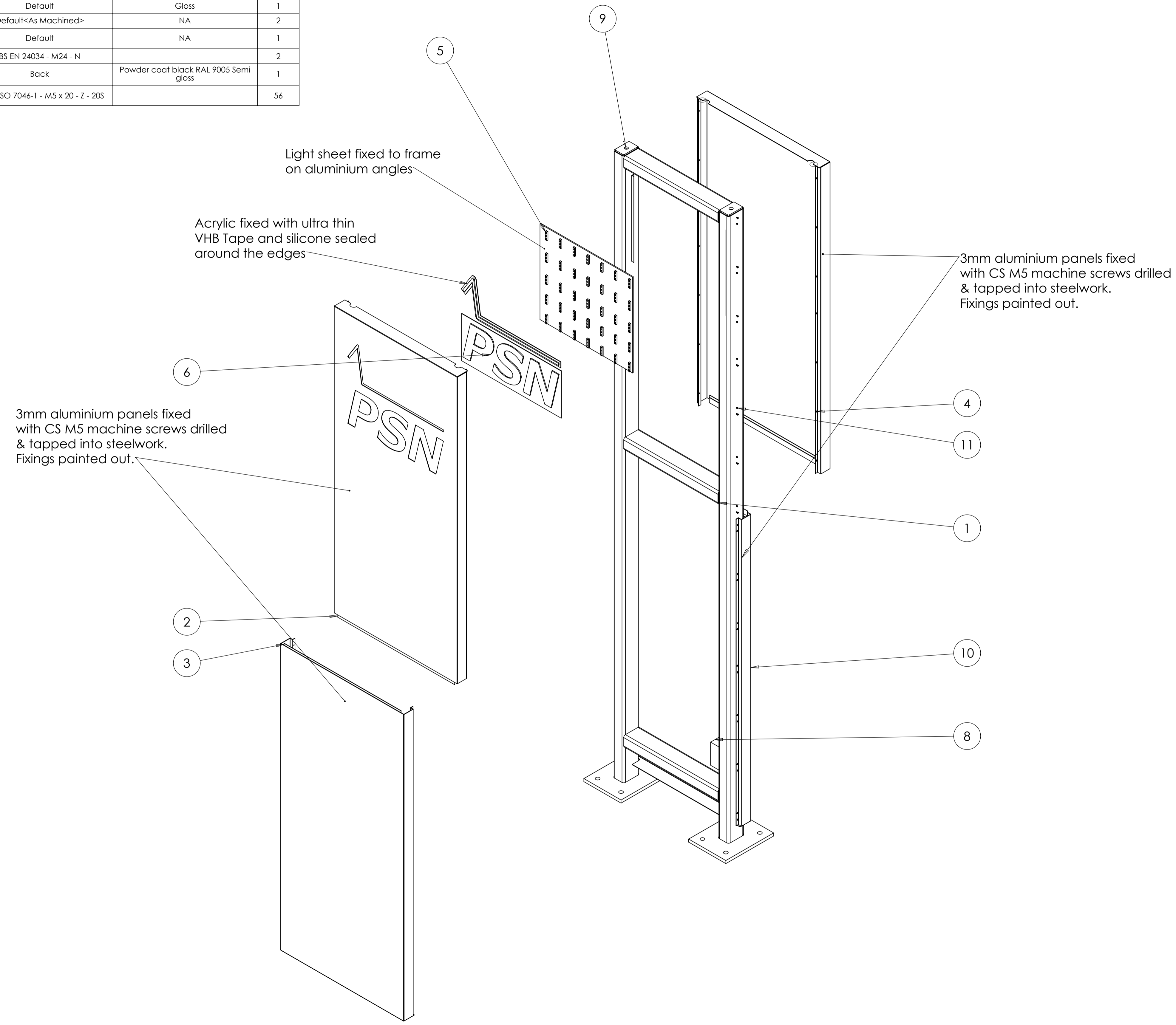
CONFIGURATION
TITLE:
Totem 5000 x 1160
SHEET 1 OF 8
ADDITIONAL NOTES



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SCALE	SCALE:1:15
DRAWING NUMBER	
REV	
DATE	02/08/2020
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CHECKED BY	
CLIENT	
CONFIGURATION	
TITLE:	Totem 5000 x 1160
SHEET 2 OF 8	
ADDITIONAL NOTES	

ITEM NO.	PART NUMBER	DESCRIPTION	SW-Configuration Name(Configuration Name)	Finish	QTY.
1	Framework	Steel framework	Default<As Machined>	Blasted, primed & powder coated	1
2	Top panel 5M	3mm Aluminium	Front	Powder coat black RAL 9005 Semi gloss	1
3	Bottom panel 5M	3mm Aluminium	Front	Powder coat black RAL 9005 Semi gloss	1
4	Top panel 5M	3mm Aluminium	Back	Powder coat black RAL 9005 Semi gloss	1
5	Light sheet	3mm Dibond panel carrying LED Modules	Default	NA	1
6	PSN Logo	10mm Greencast acrylic Blue 72463	Default	Gloss	1
7	Light tray fixing rail	20 x 20 x 3 Aluminium angle	Default<As Machined>	NA	2
8	Waterproof connection box	Power connection box	Default	NA	1
9	BS EN 24034 - M24 - N		BS EN 24034 - M24 - N		2
10	Bottom panel 5M	3mm Aluminium	Back	Powder coat black RAL 9005 Semi gloss	1
11	BS EN ISO 7046-1 - M5 x 20 - Z - 20S		BS EN ISO 7046-1 - M5 x 20 - Z - 20S		56

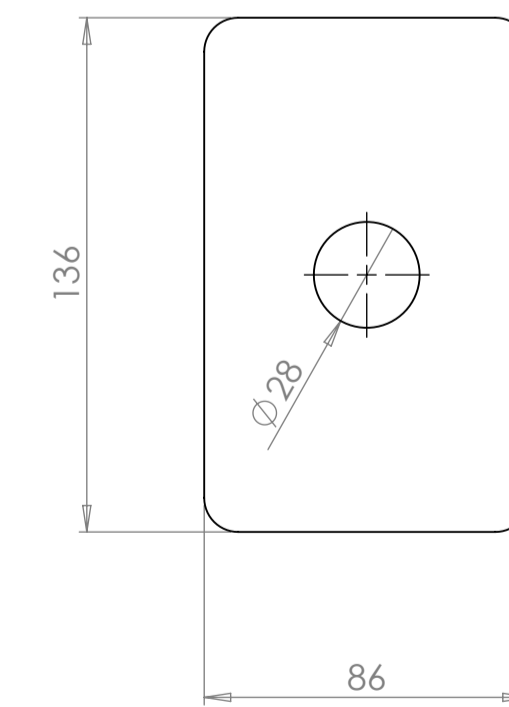
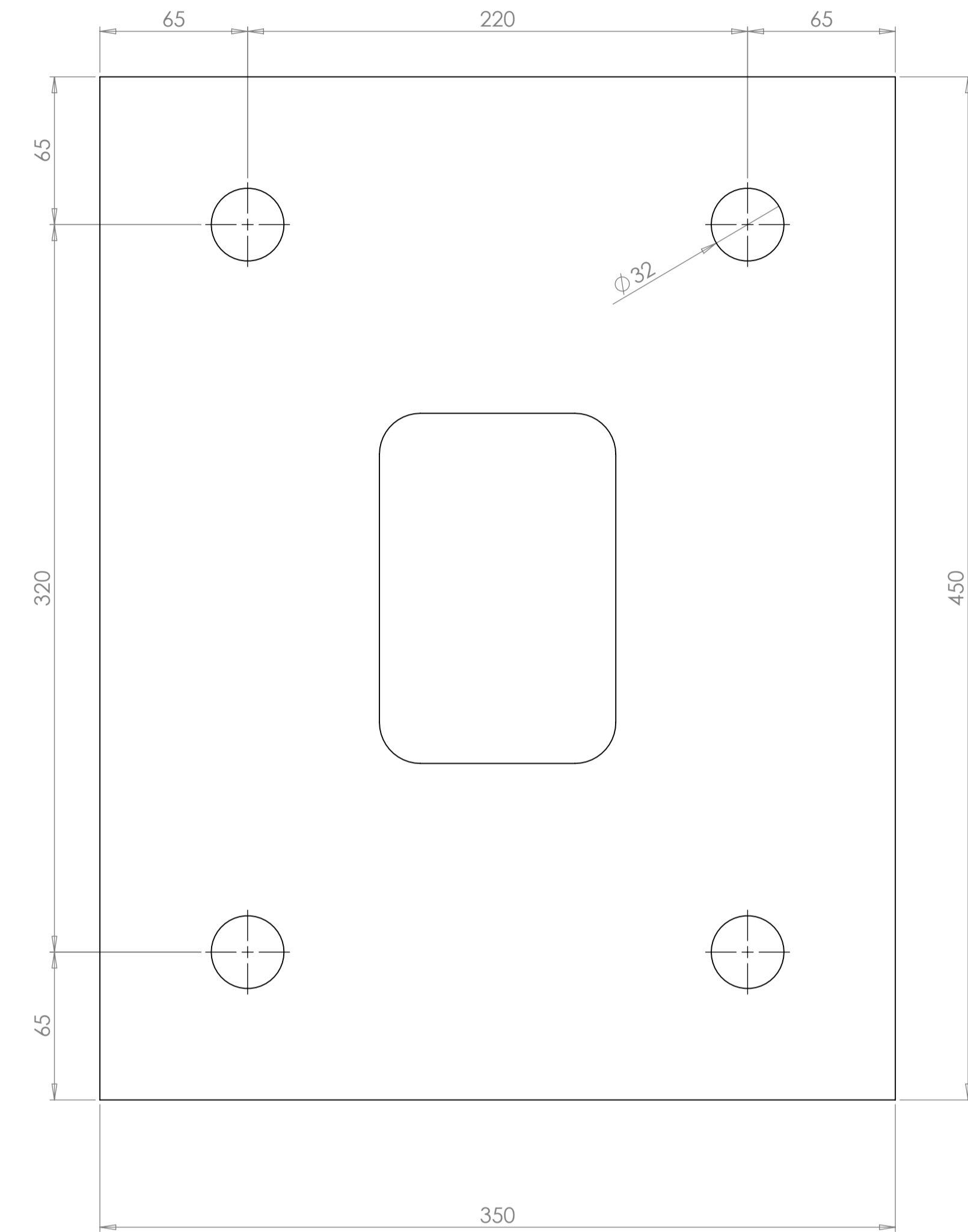
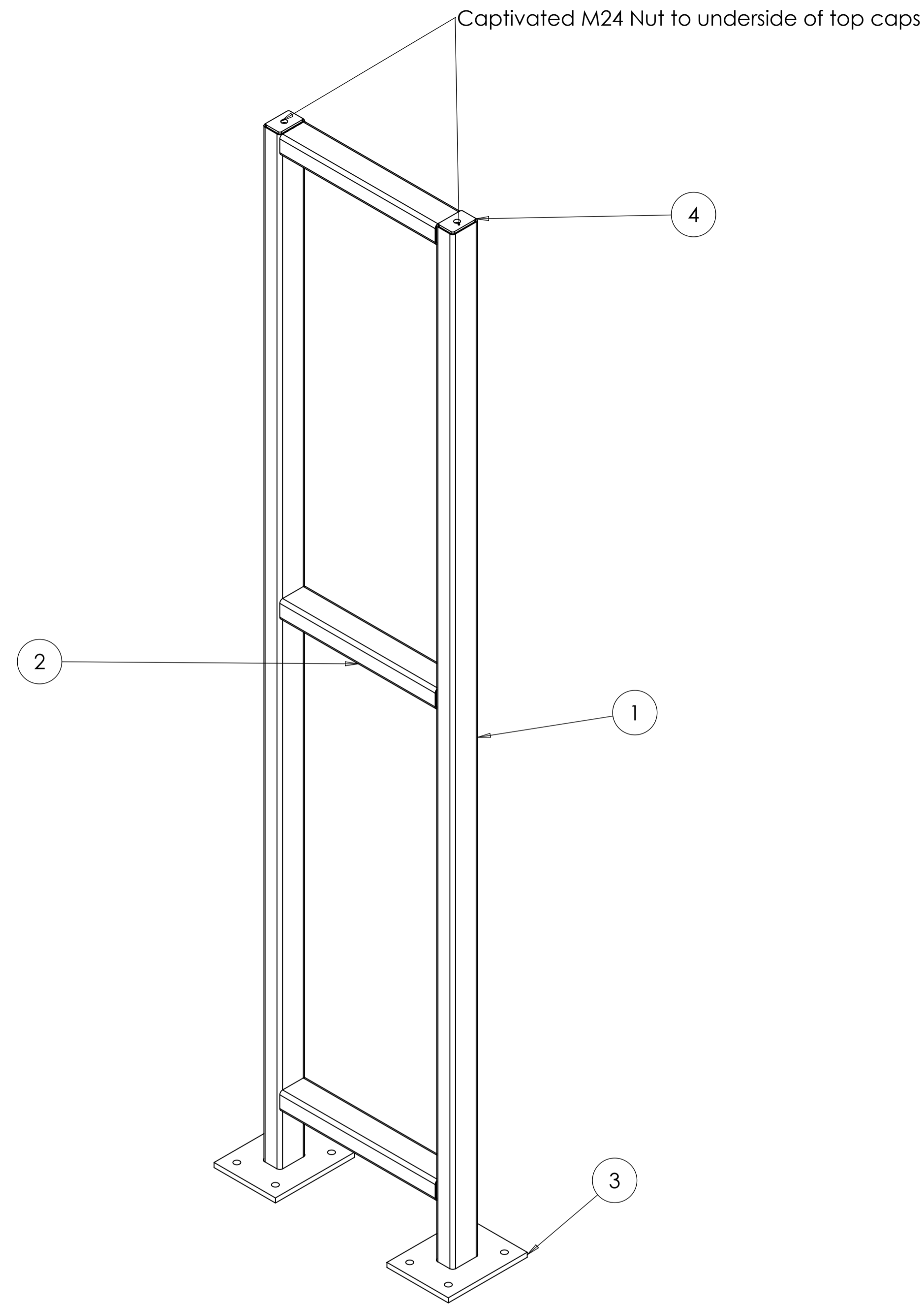
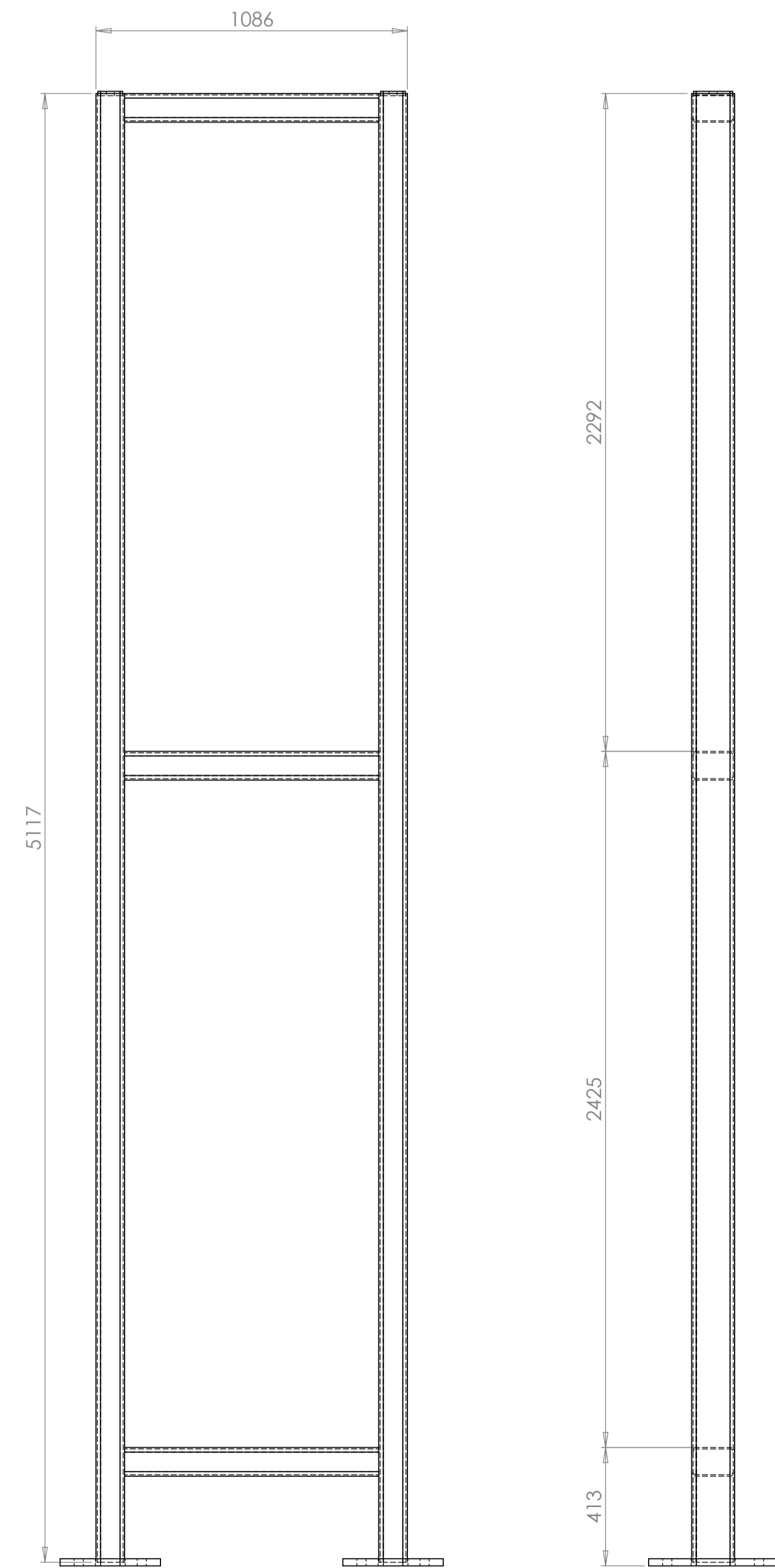
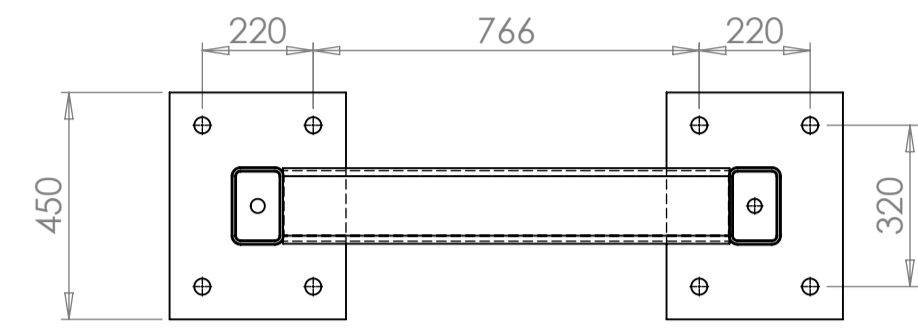


ITEM NO.	QTY.	DESCRIPTION	MATERIAL	LENGTH
1	2	TUBE, RECTANGULAR 150 X 100 X 5	STEEL HYBOX 355	5117
2	3	TUBE, RECTANGULAR 150 X 100 X 5	STEEL HYBOX 355	886
3	2	25MM THICK PLATE GRADE S355	Material <not specified>	350 X 450
4	2	15MM THICK STEEL GRADE S355	Material <not specified>	86 X 136



THREE D VISIONS

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All welds to be full & continuous
Steelwork blasted, primed & powder coated black

SCALE SCALE:1:15

DRAWING NUMBER

REV

DATE 02/08/2020

DRAWN BY

CHECKED BY

CLIENT

CONFIGURATION

TITLE: Totem 5000 x 1160

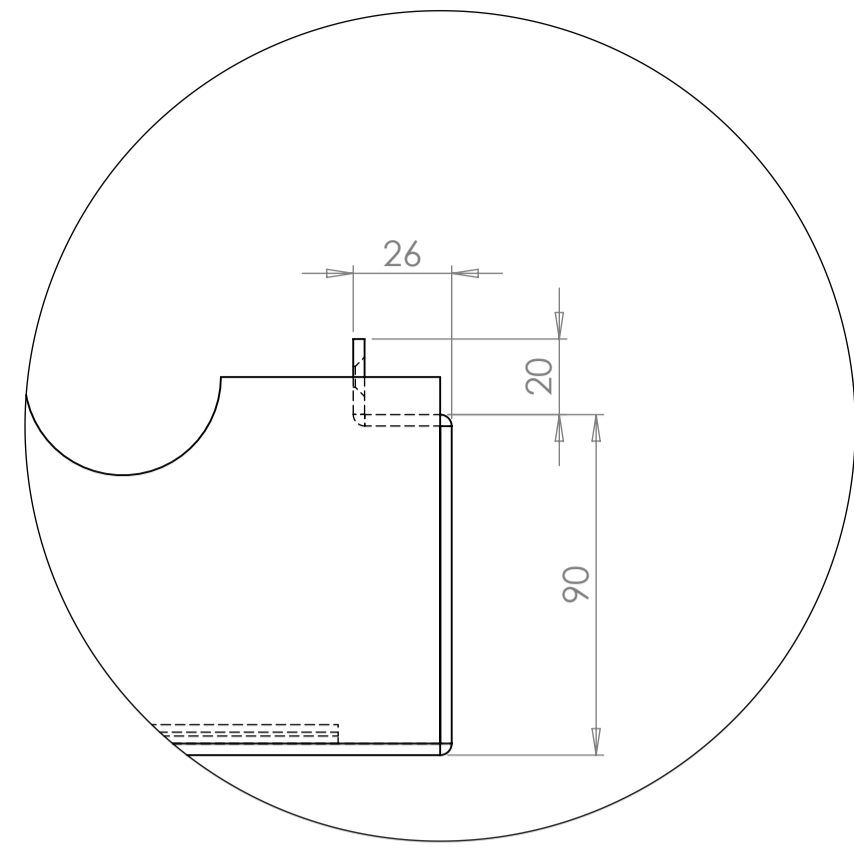
SHEET 3 OF 8

ADDITIONAL NOTES

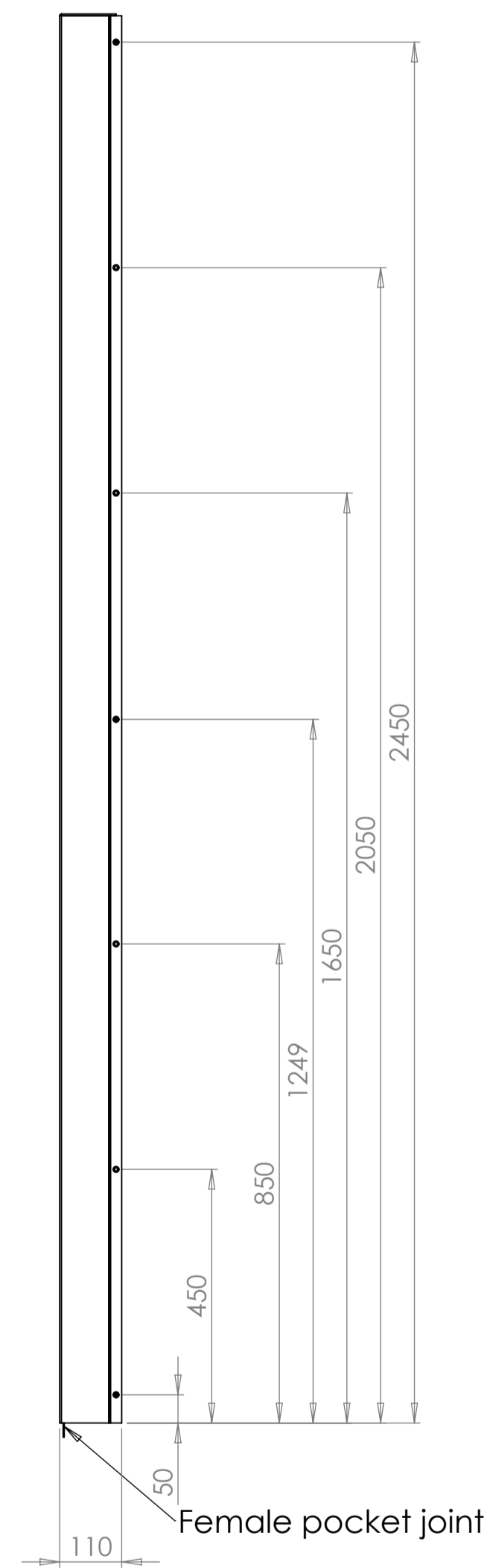
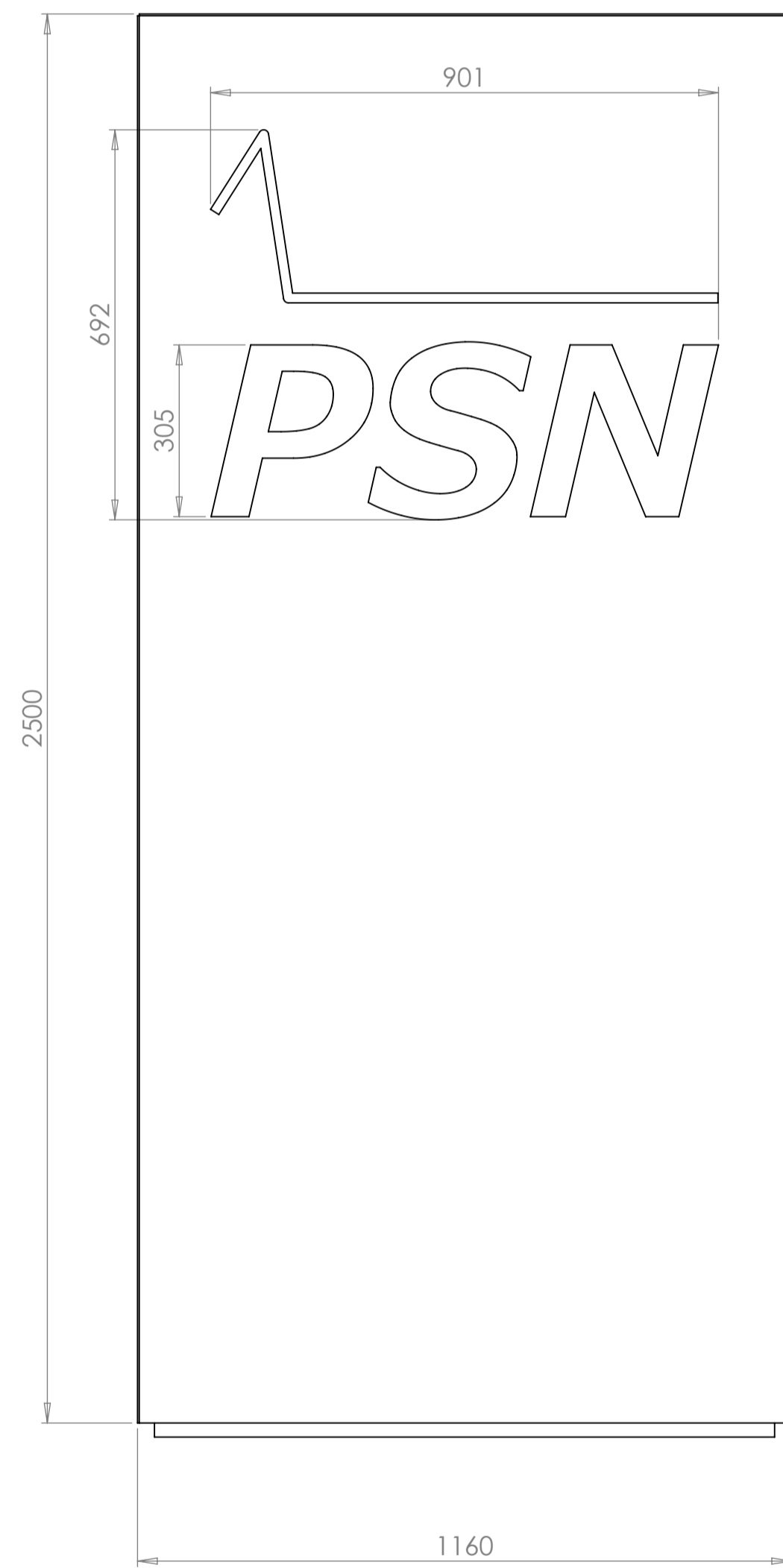
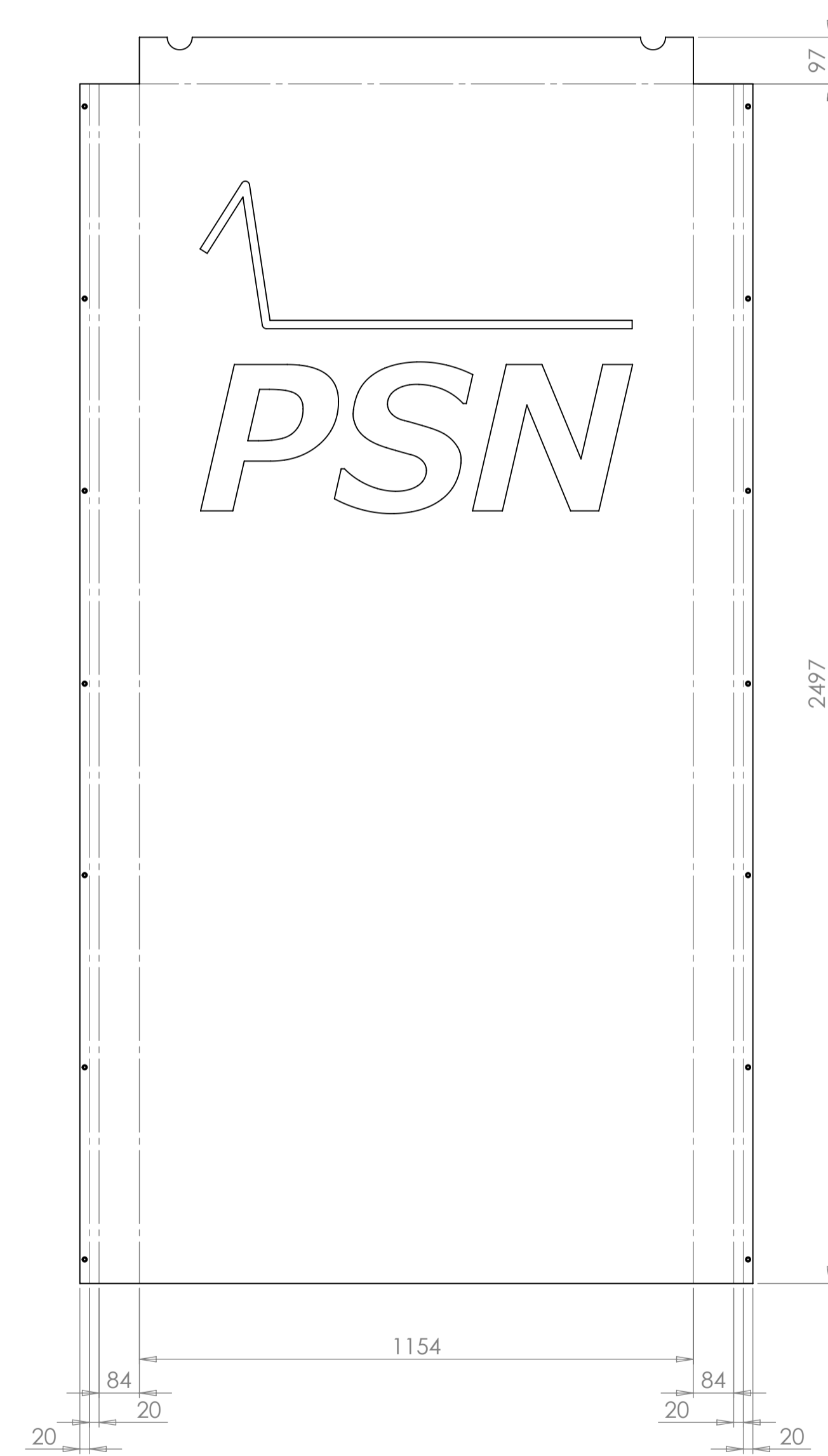
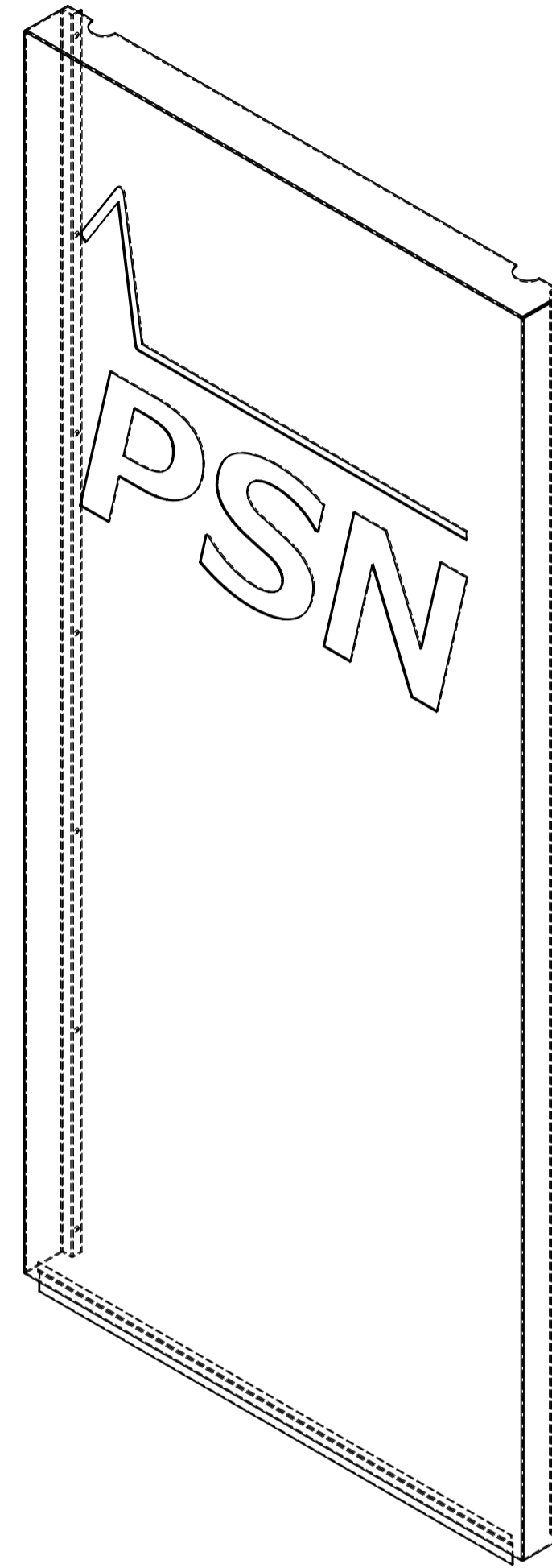
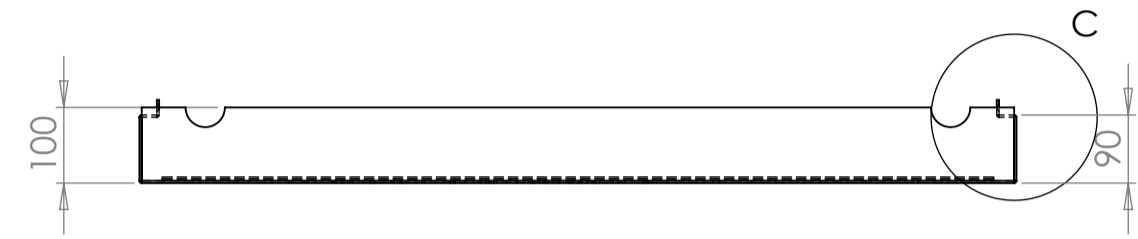


THREE D VISIONS

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DETAIL C
SCALE 1 : 2



Female pocket joint

SCALE	SCALE:1:10
DRAWING NUMBER	
REV	
DATE	02/08/2020
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CHECKED BY	
CLIENT	

CONFIGURATION
TITLE:
Totem 5000 x 1160

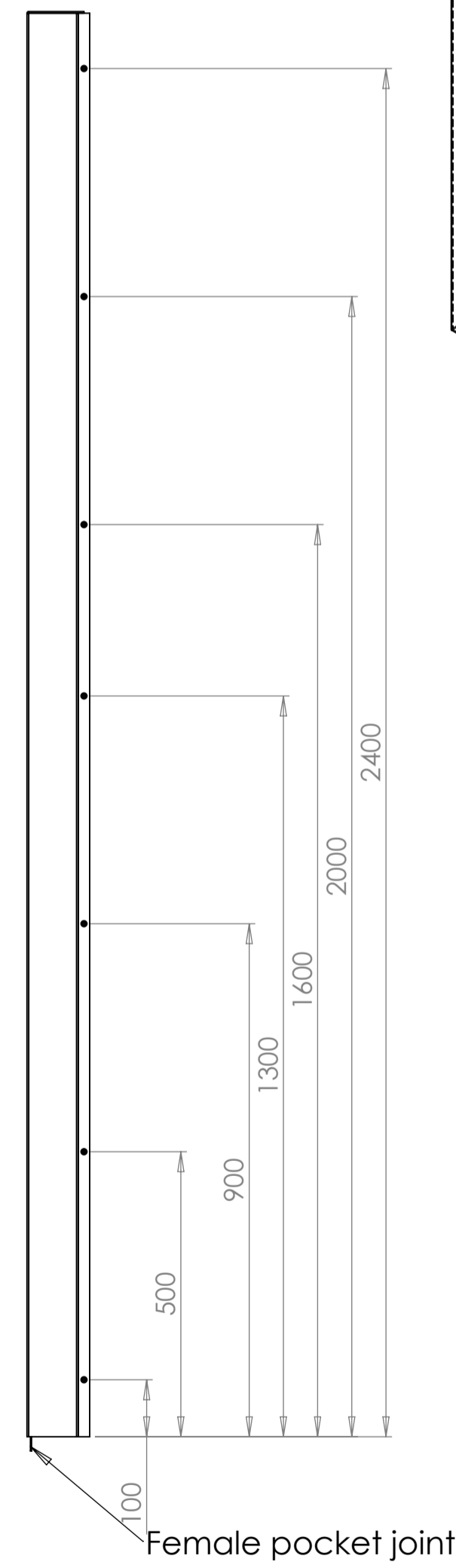
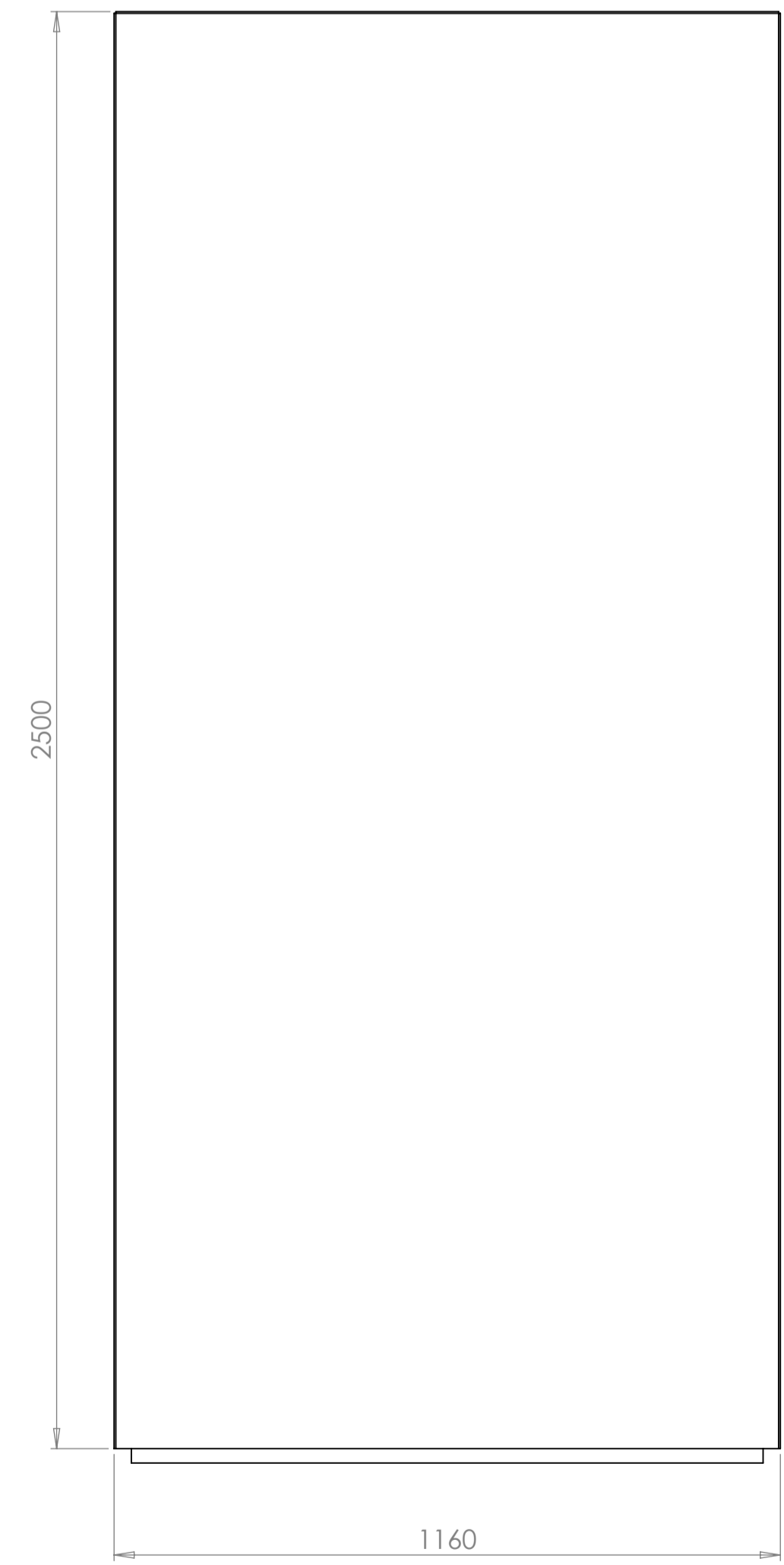
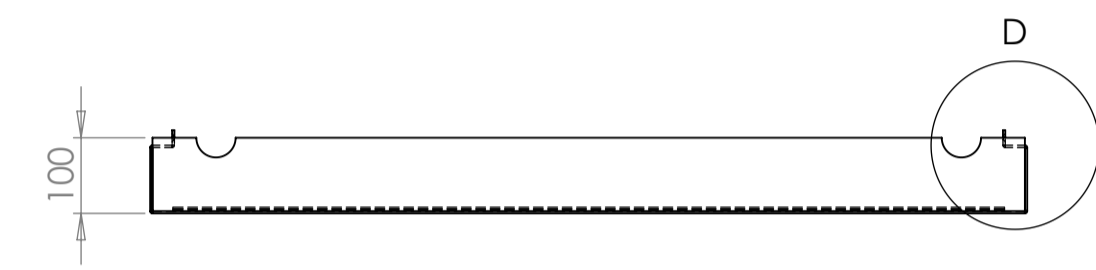
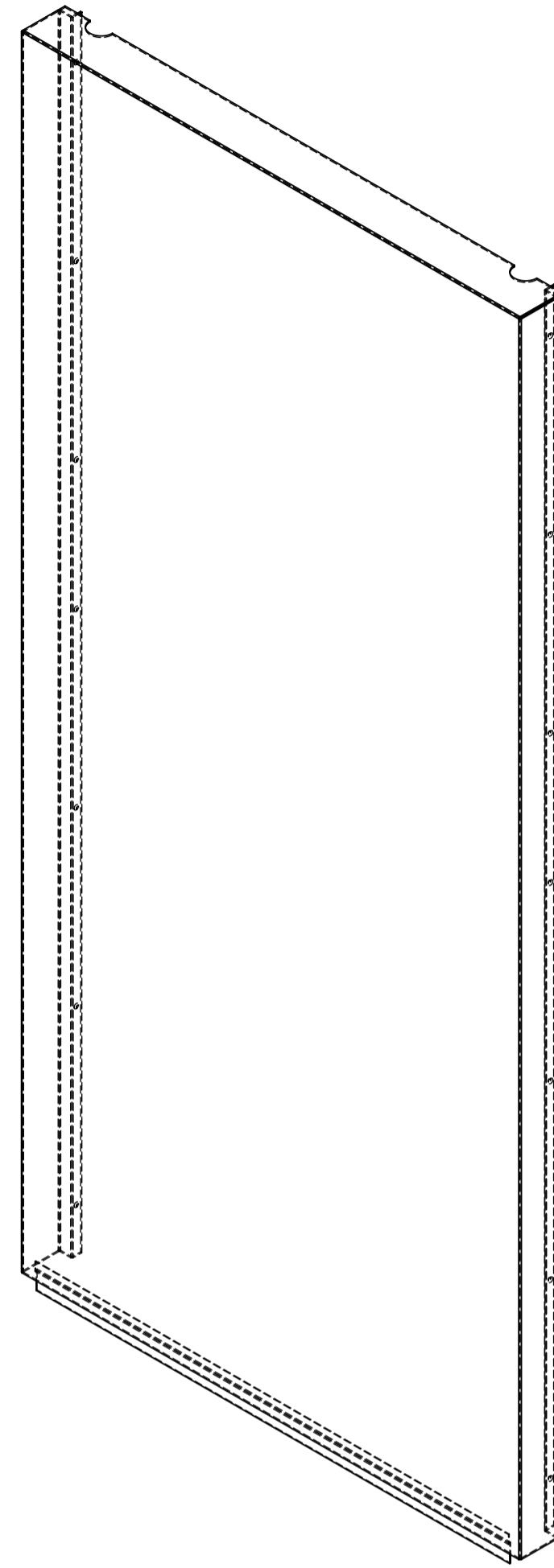
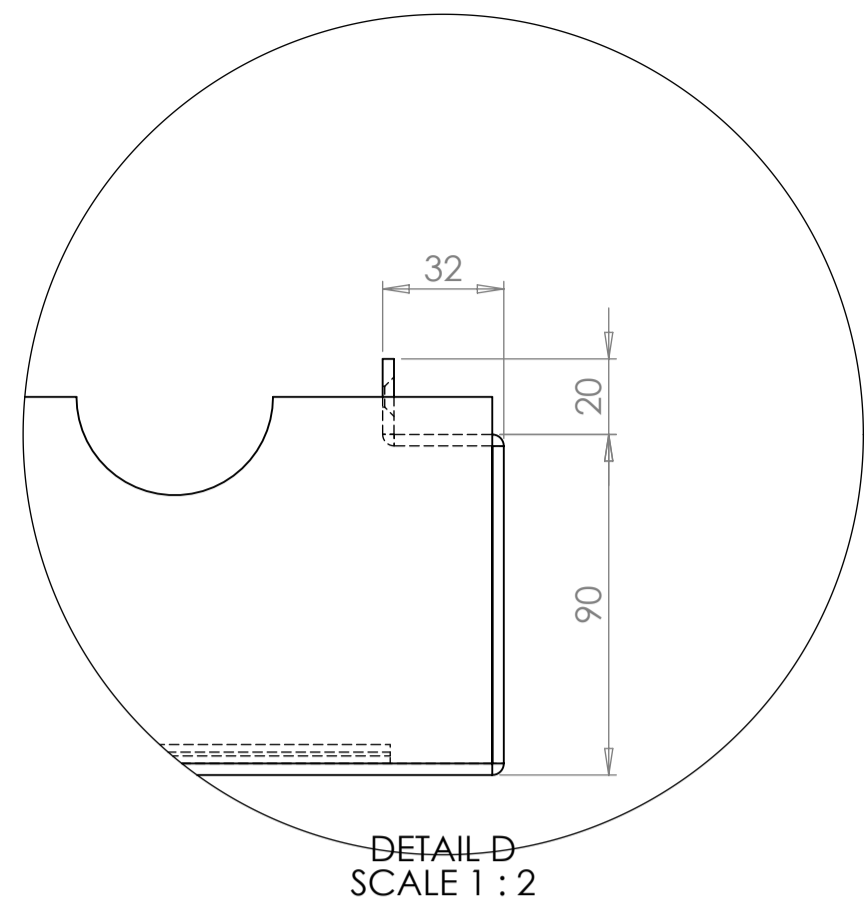
SHEET 4 OF 8

ADDITIONAL NOTES

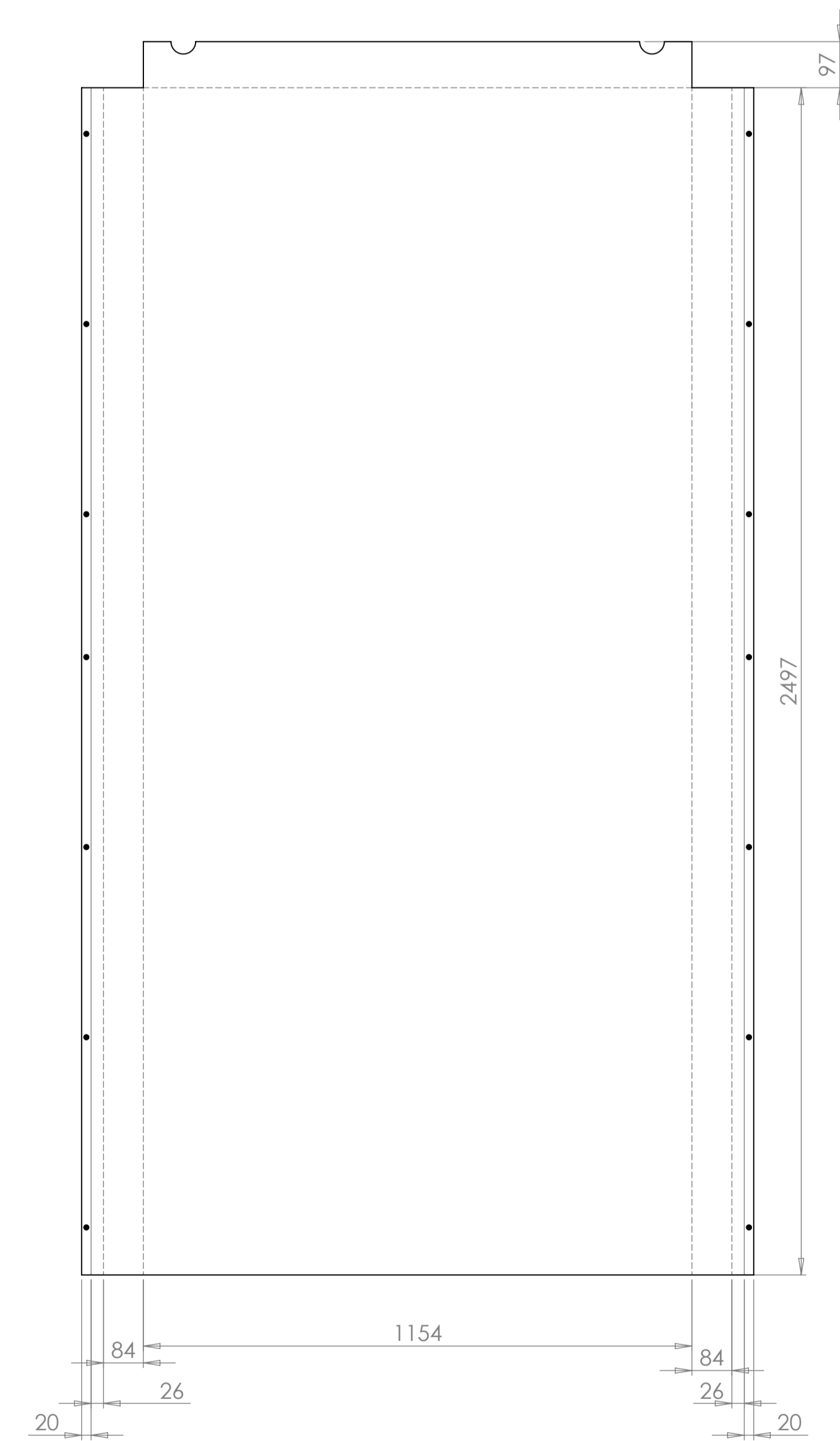


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Back



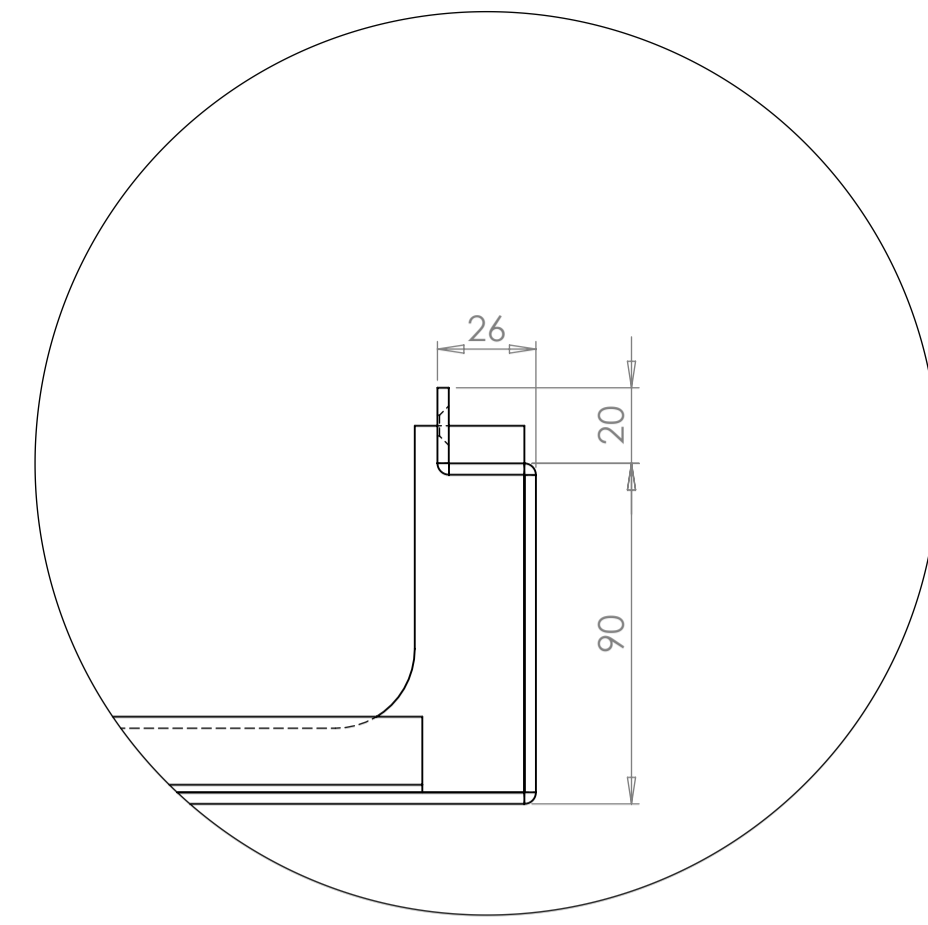
SCALE	SCALE:1:10
DRAWING NUMBER	
REV	
DATE	02/08/2020
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CLIENT	

CONFIGURATION
 TITLE: Totem 5000 x 1160
 SHEET 5 OF 8
 ADDITIONAL NOTES

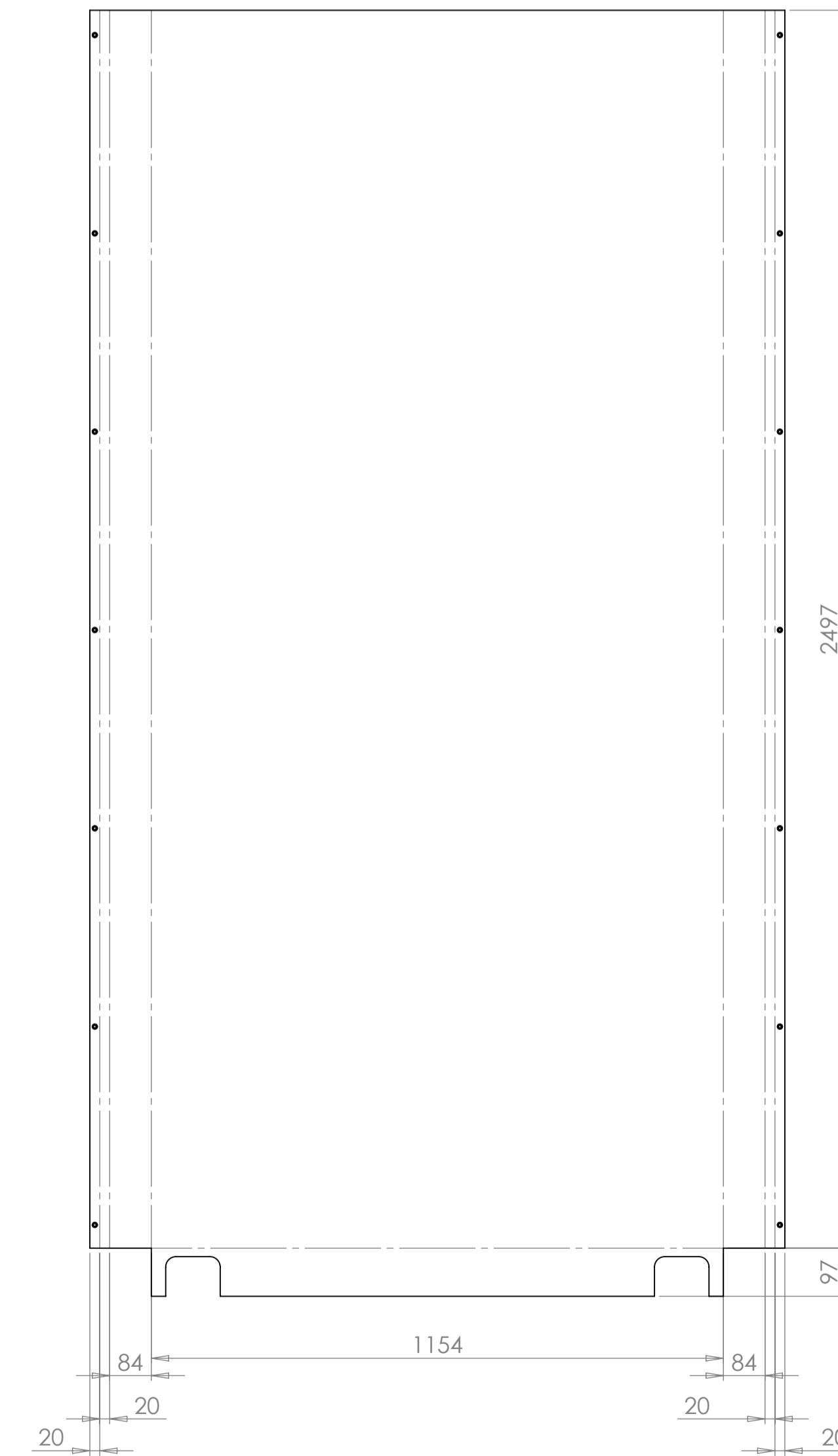
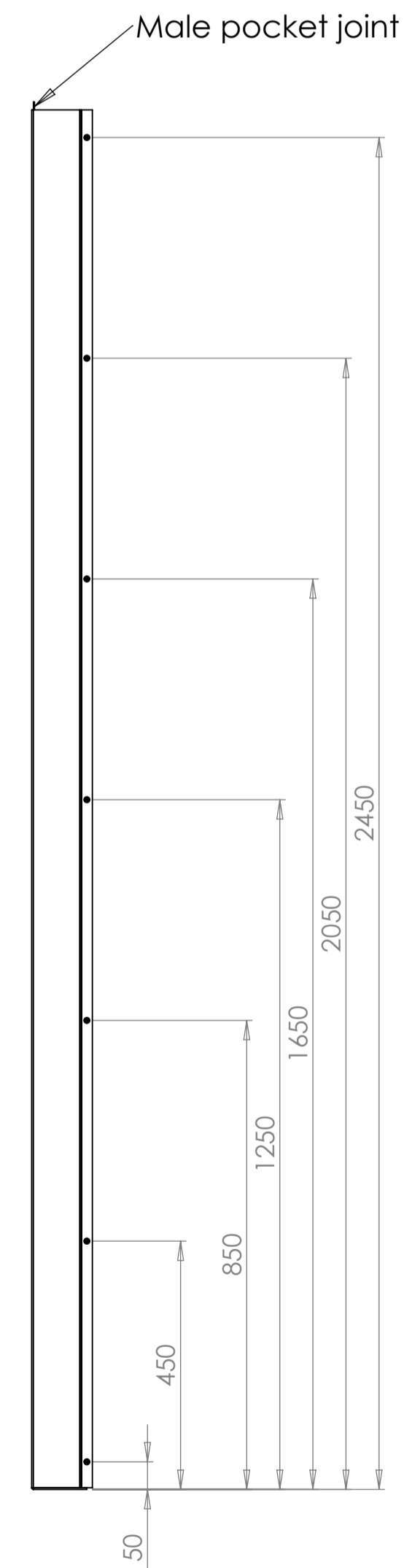
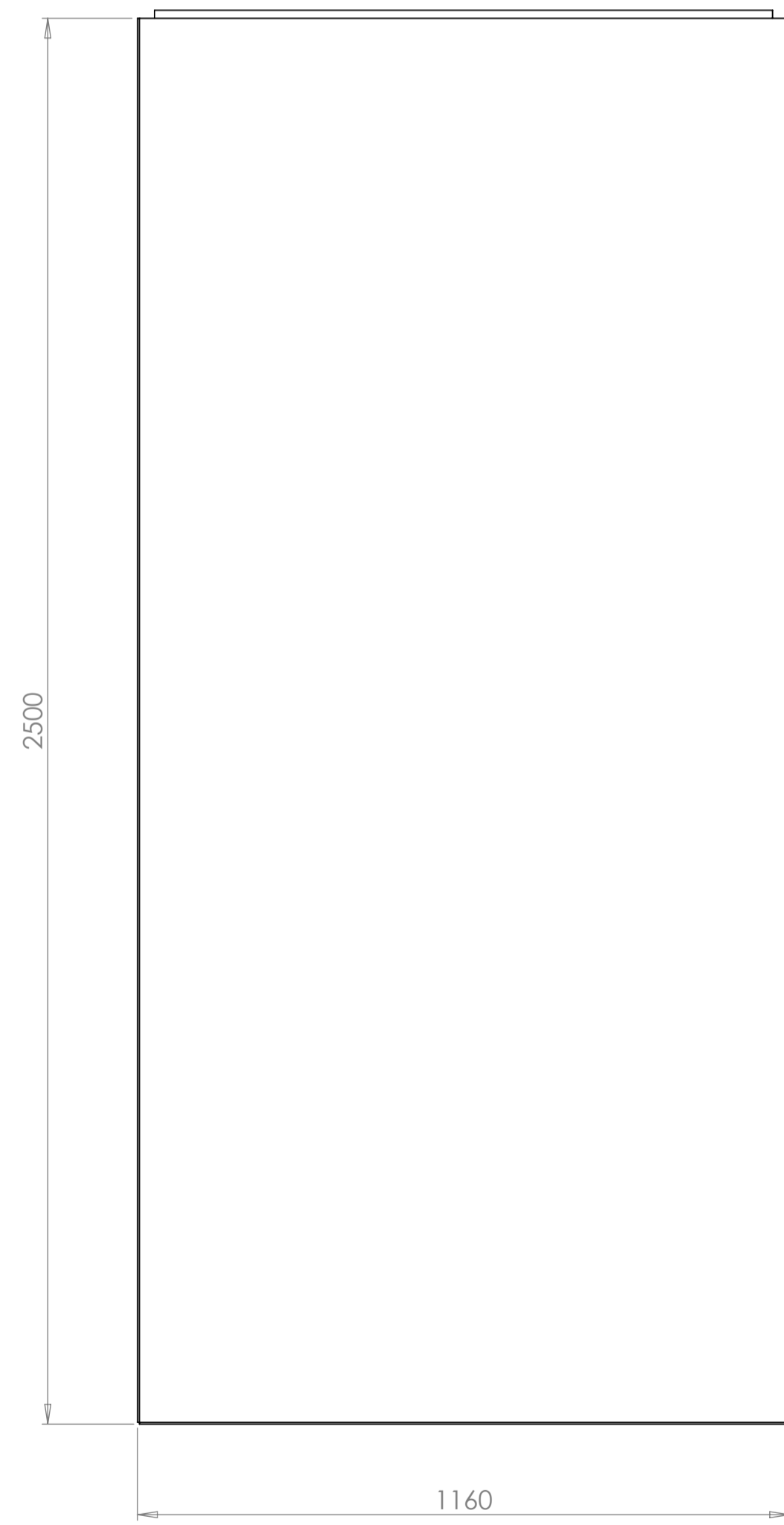
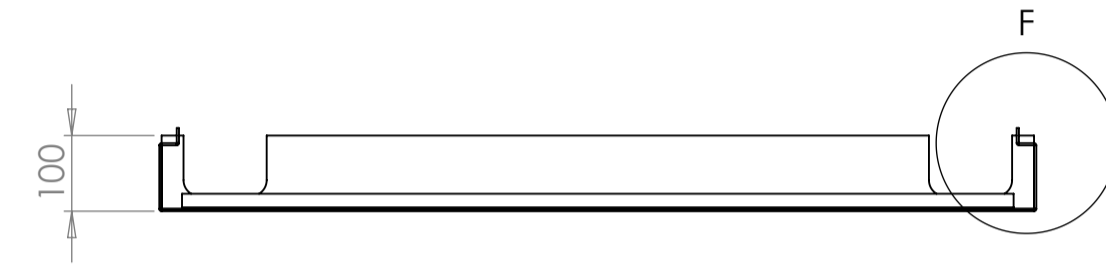
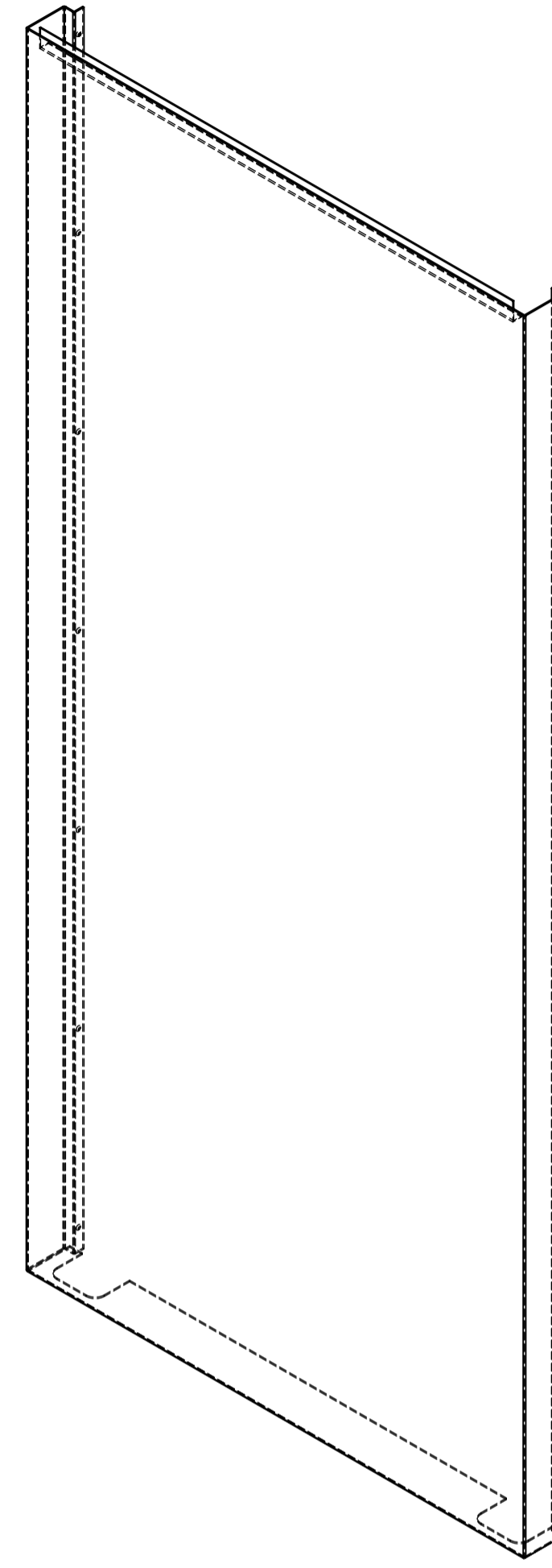


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DETAIL F
SCALE 1 : 2



SCALE	SCALE:1:10
DRAWING NUMBER	
REV	
DATE	02/08/2020
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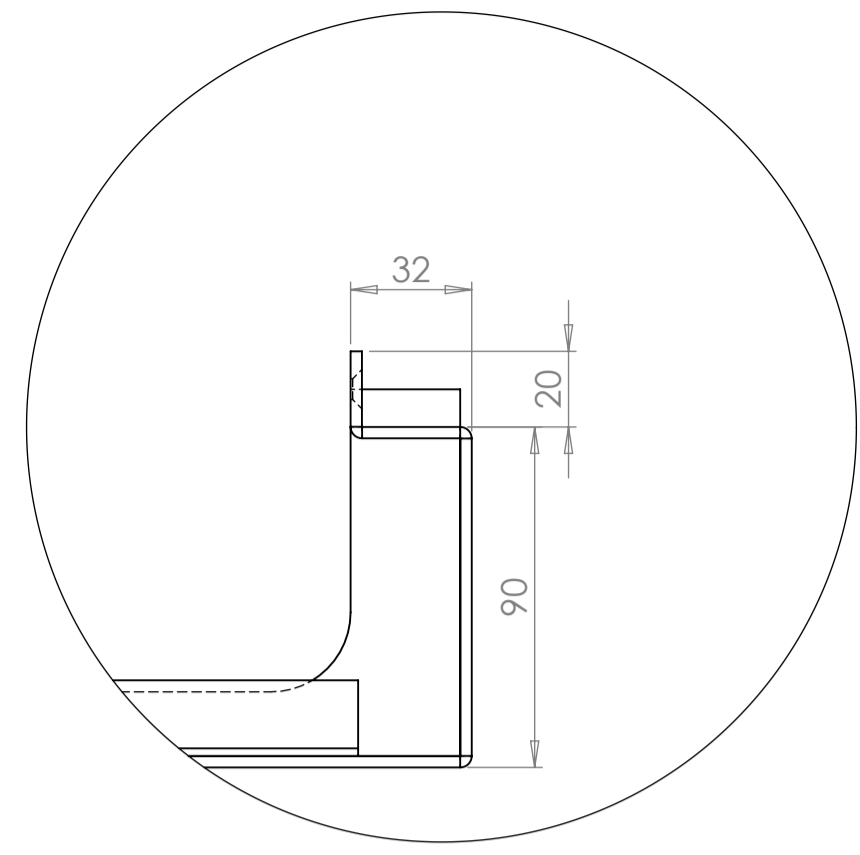
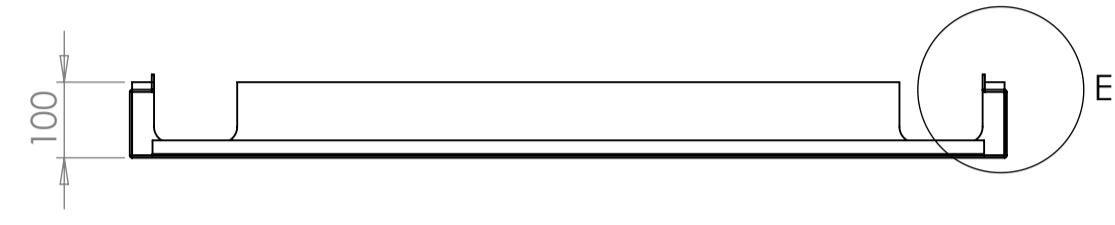
CONFIGURATION
TITLE:
Totem 5000 x 1160

SHEET 6 OF 8
ADDITIONAL NOTES

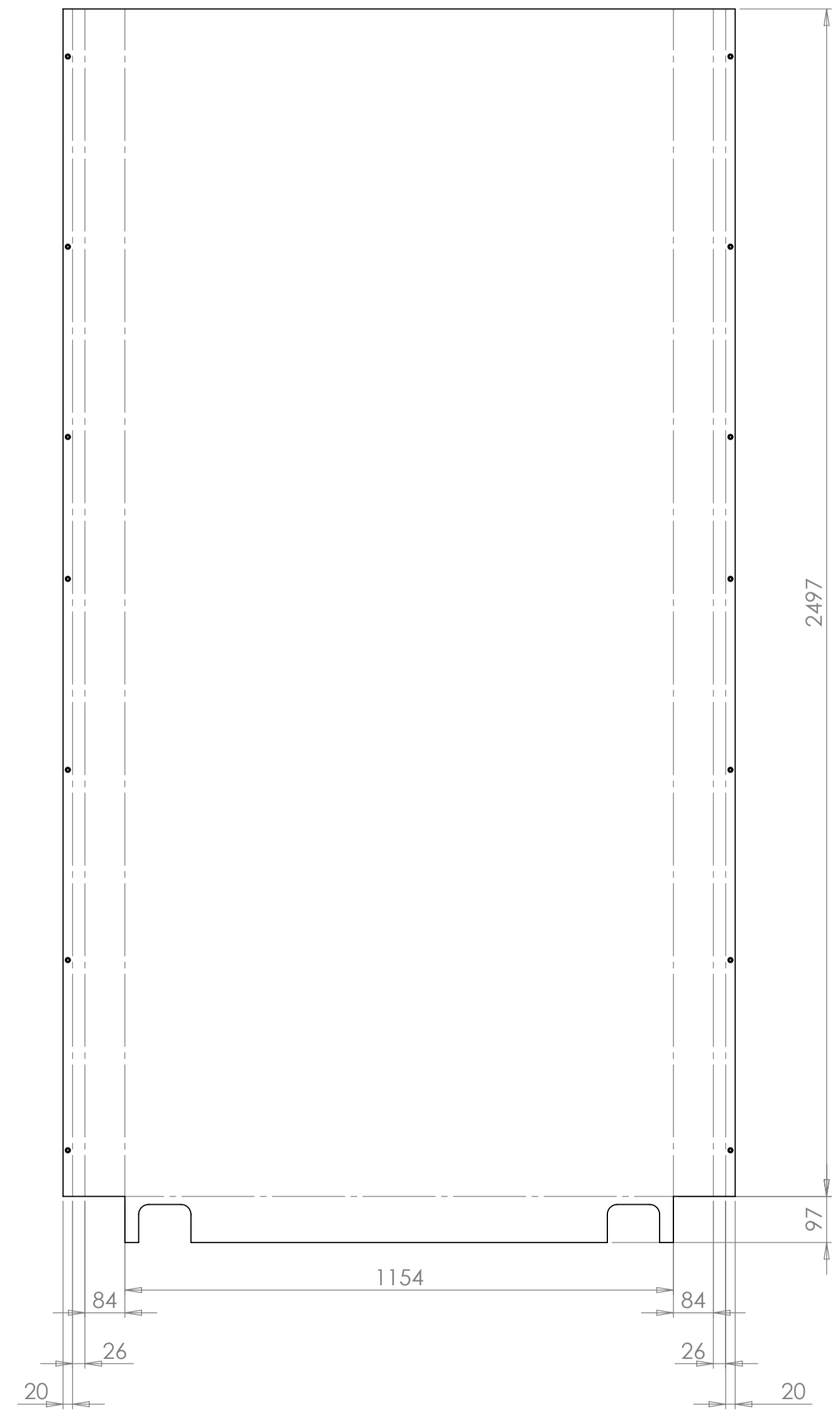
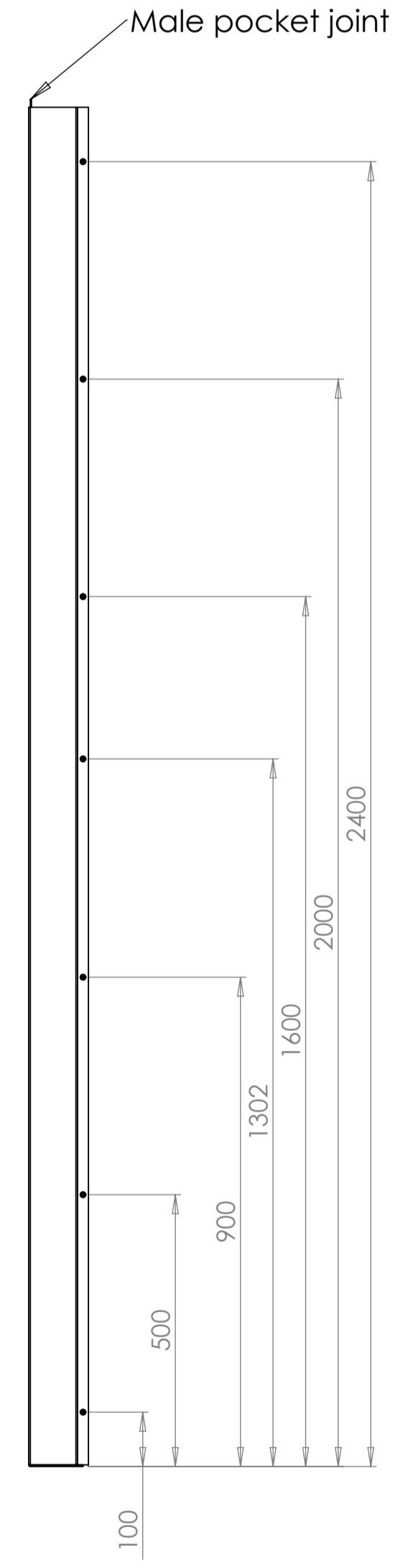
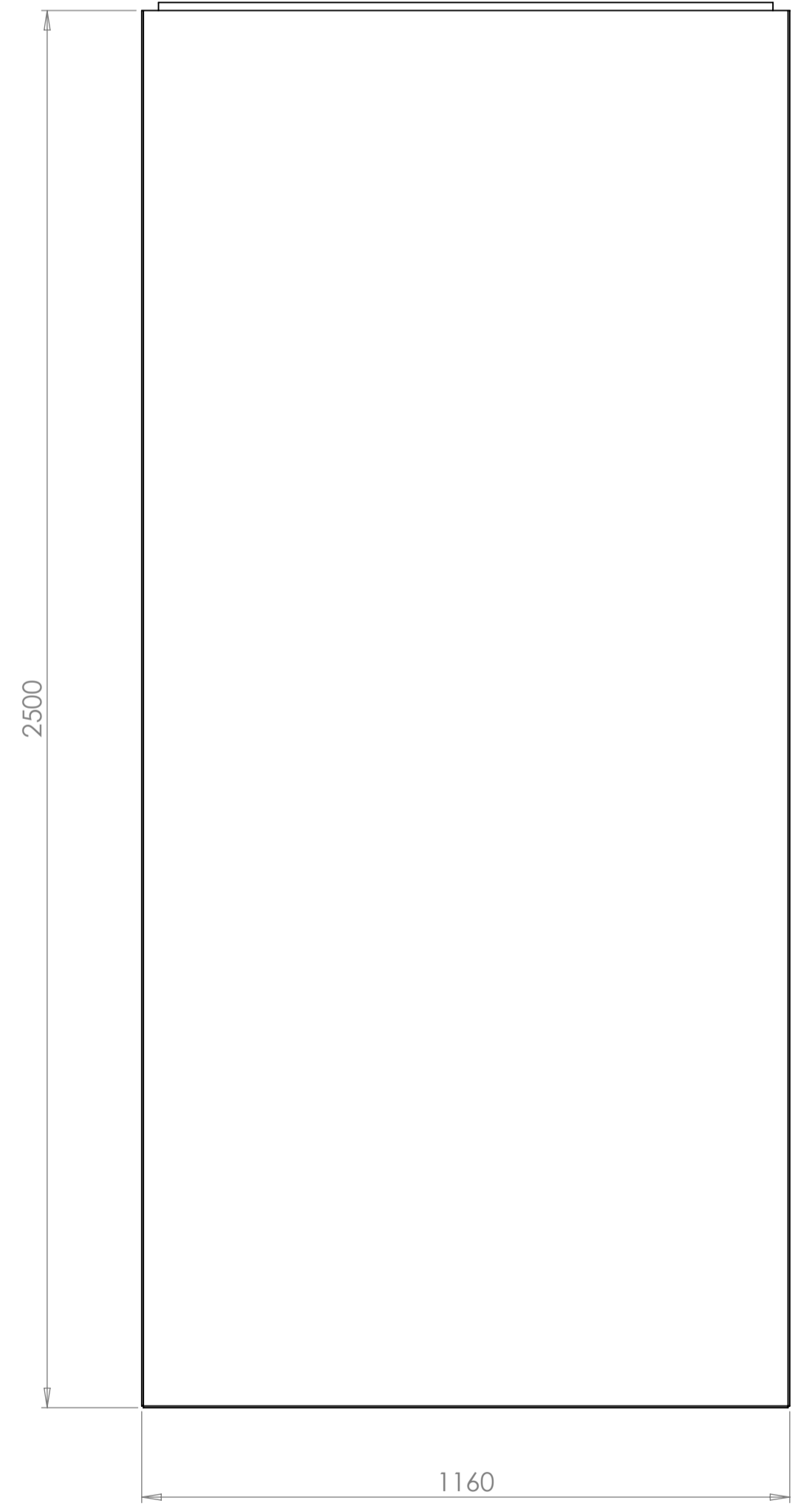
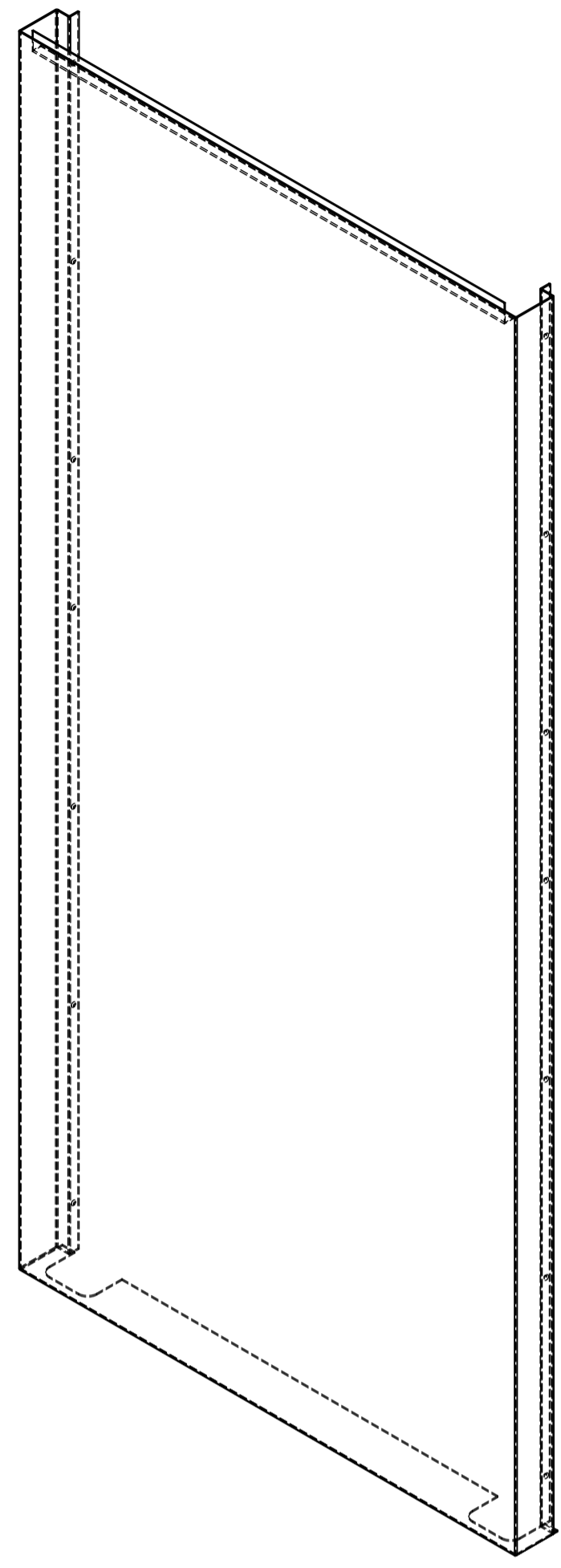


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DETAIL E
SCALE 1 : 2



SCALE	SCALE:1:10
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REV	
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CLIENT	

CONFIGURATION
TITLE: Totem 5000 x 1160

SHEET 7 OF 8

ADDITIONAL NOTES

WIND LOAD

Wind pressure for mainland UK south of Aberdeen
Vb,map = 26m/sec
Site altitude above sea level; 23mtr
Distance to coast; 0.5km
No major escarpment or local wind funnelling
Effective height above GL; 5.2mtr
Ce 2.355
Cr 0.983
Iv 0.187
Solidity factor 1.0
Unfactored pressure = +/- 1.54kN/m² (ref attached EN1991-1-4: IV1 1UF)
Partial safety factor (γ_f) = 1.5 ref EN1990
factored sign pressure = +/- 2.31kN/m²

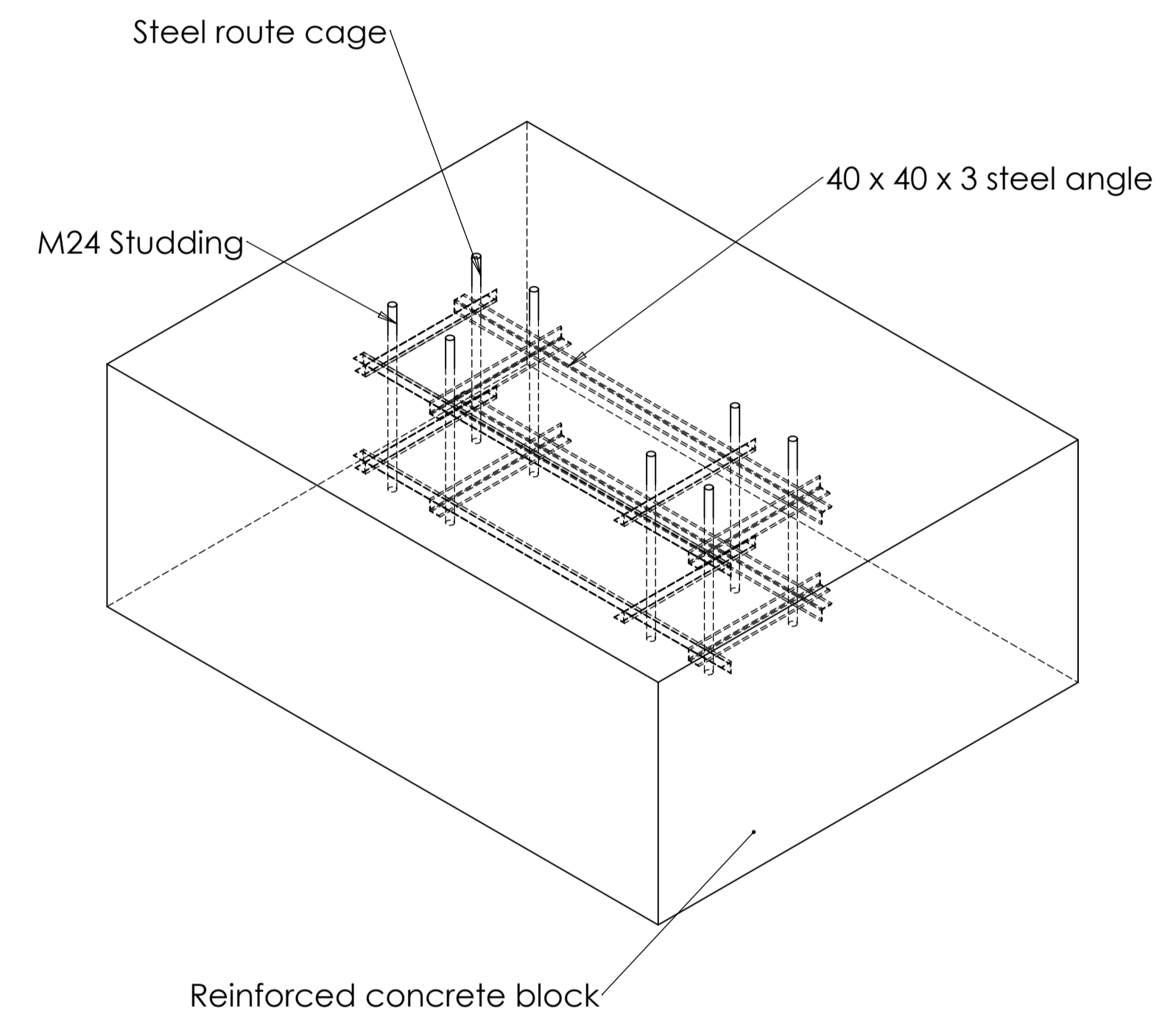
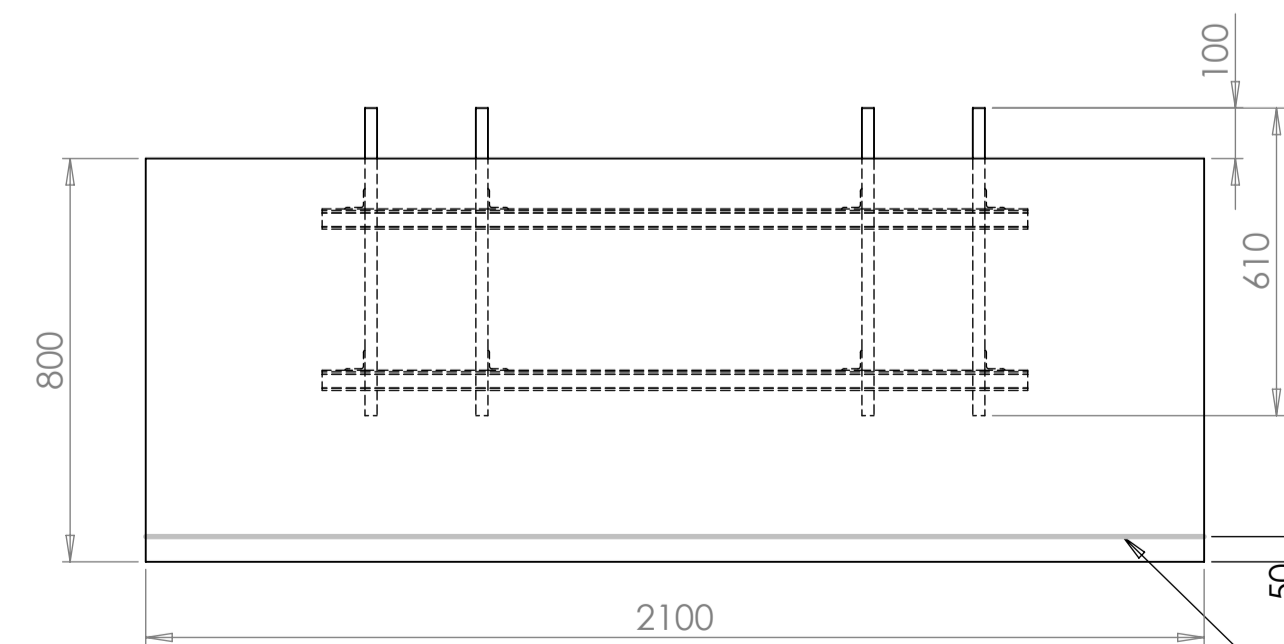
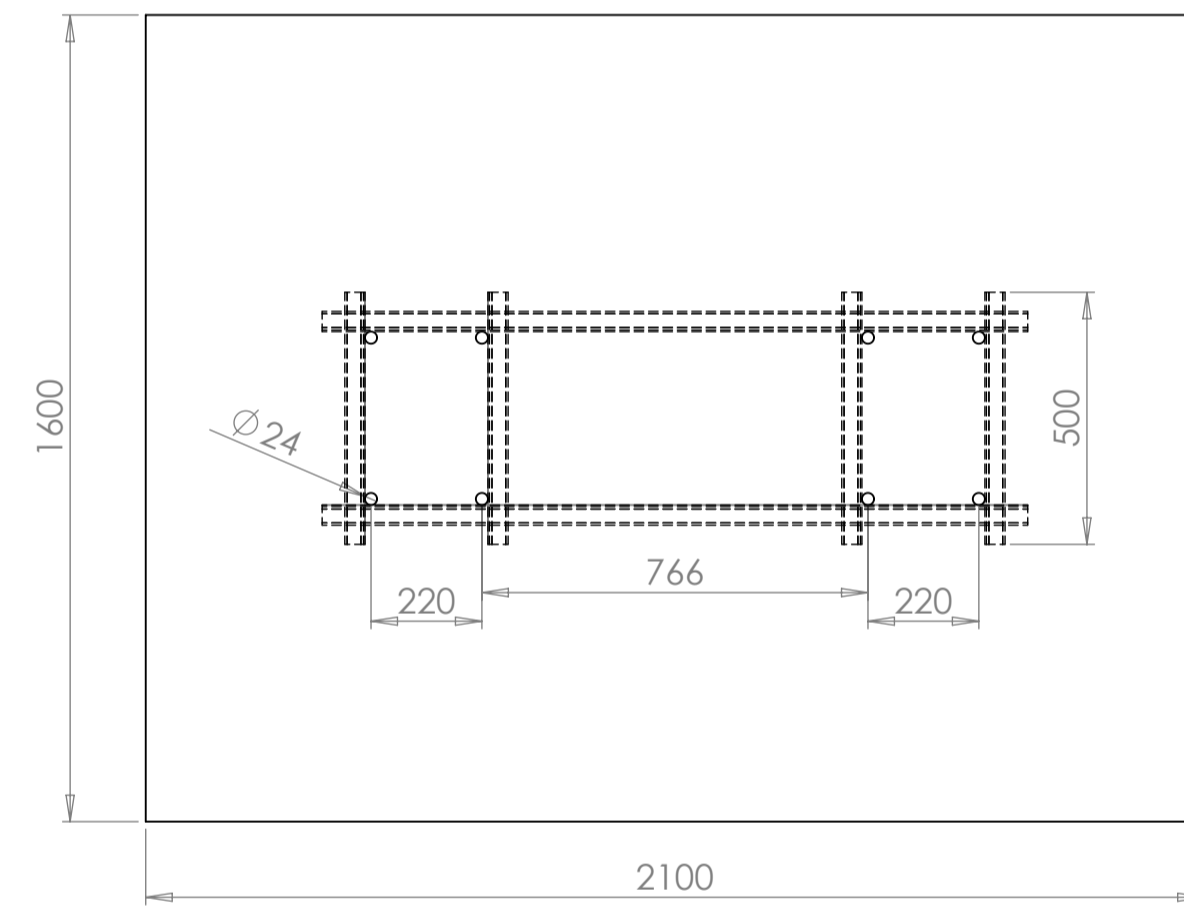
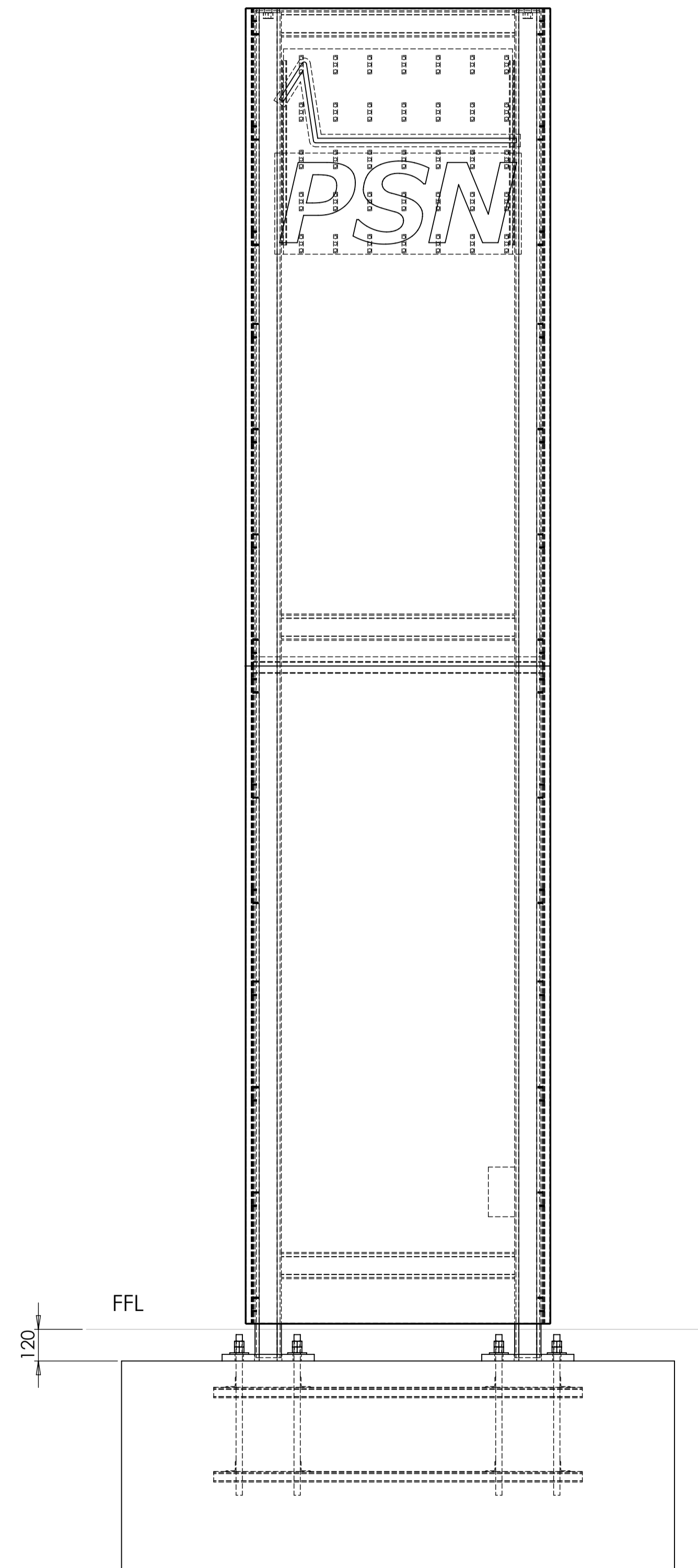
FOOTING CALC

Ref attached 16077S04; required minimum footing 2.1*1.6*0.8 depth (mtr)
Max toe soil pressure 68kN/m². Assumed soil pressure allowable 72kN/m²
Topping moment reserve factor 1.7
Consider rebar grid at 50mm above footing base.
Tensile load per mtr width of footing in rebars = (37.5/2.1)/0.75=23.8kN
Rebar material yield 500MPa. Requires 48mm² CSA per mtr = 200*200*5mm dia rebar grid.(98mm²)



THREE D VISIONS

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Rebar grid

SCALE SCALE:1:15

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CONFIGURATION

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SHEET 8 OF 8

ADDITIONAL NOTES