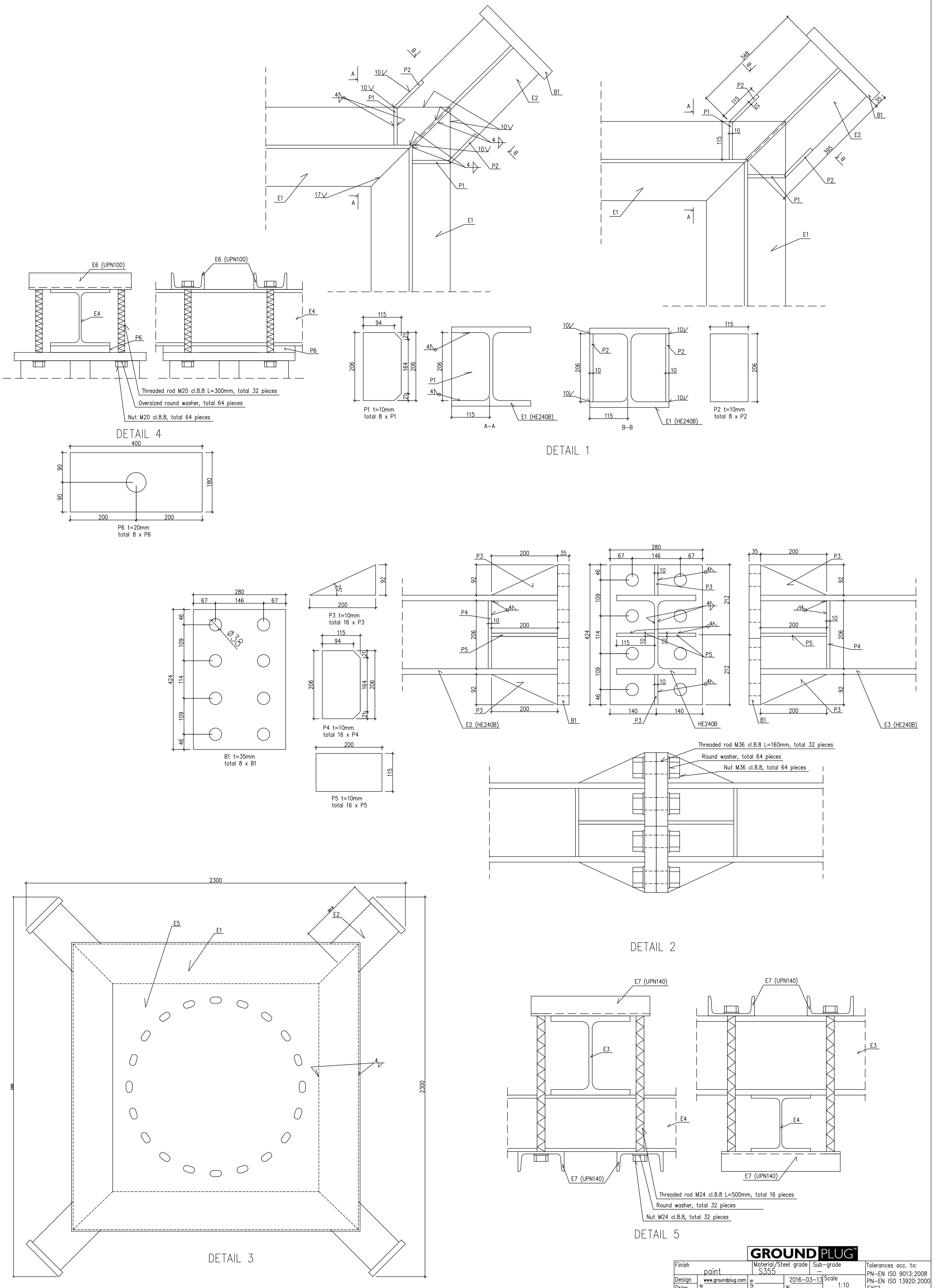


### GROUND PLUG™

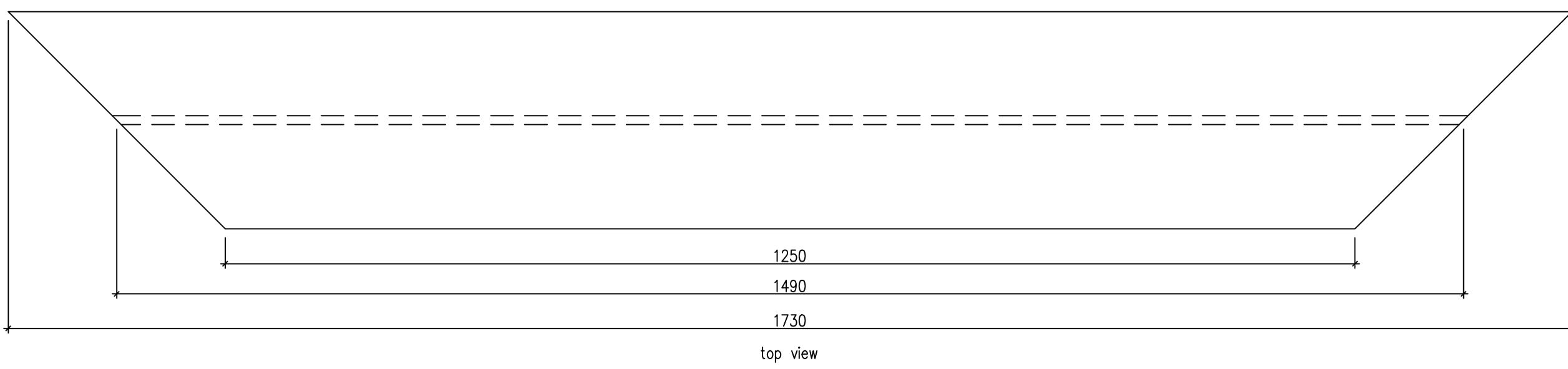
Finish	paint	Material/Steel grade	Sub-grade	Tolerances acc. to:
Design	www.groundplug.com	S355	-	PN-EN ISO 9013:2008
Draw	Name	Signature	Date	PN-EN ISO 13920:2000
Check	Name	Signature	Date	EXC2
Confirm			Format rev.	Change/Date
Product	Frame		A1 -	0000-00-00
Object name	Trinidad Tabago	File name	Prod. drawing	Sheet
			Number of drawing	Projection
			1	⊕



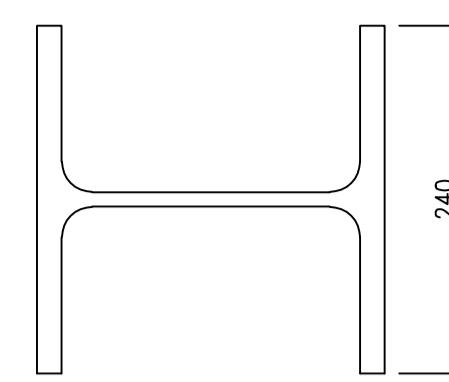
Finish	Material/Steel grade	Sub-grade	Tolerances acc. to:
paint	S355	-	PN-EN ISO 9013:2008
Design	www.groundplug.com	2016-03-13	PN-EN ISO 13920:2000
Draw	Name	Scale	1:10
Check	Signature	Date	EXC2
Confirm		Format rev.	
Product	Details / frame	Date	0000-00-00
Object name	Trinidad Tabago	File name	Prod. drawing
		Sheet	
		Number of drawing	2
		Projection	□

## ELEMENTS

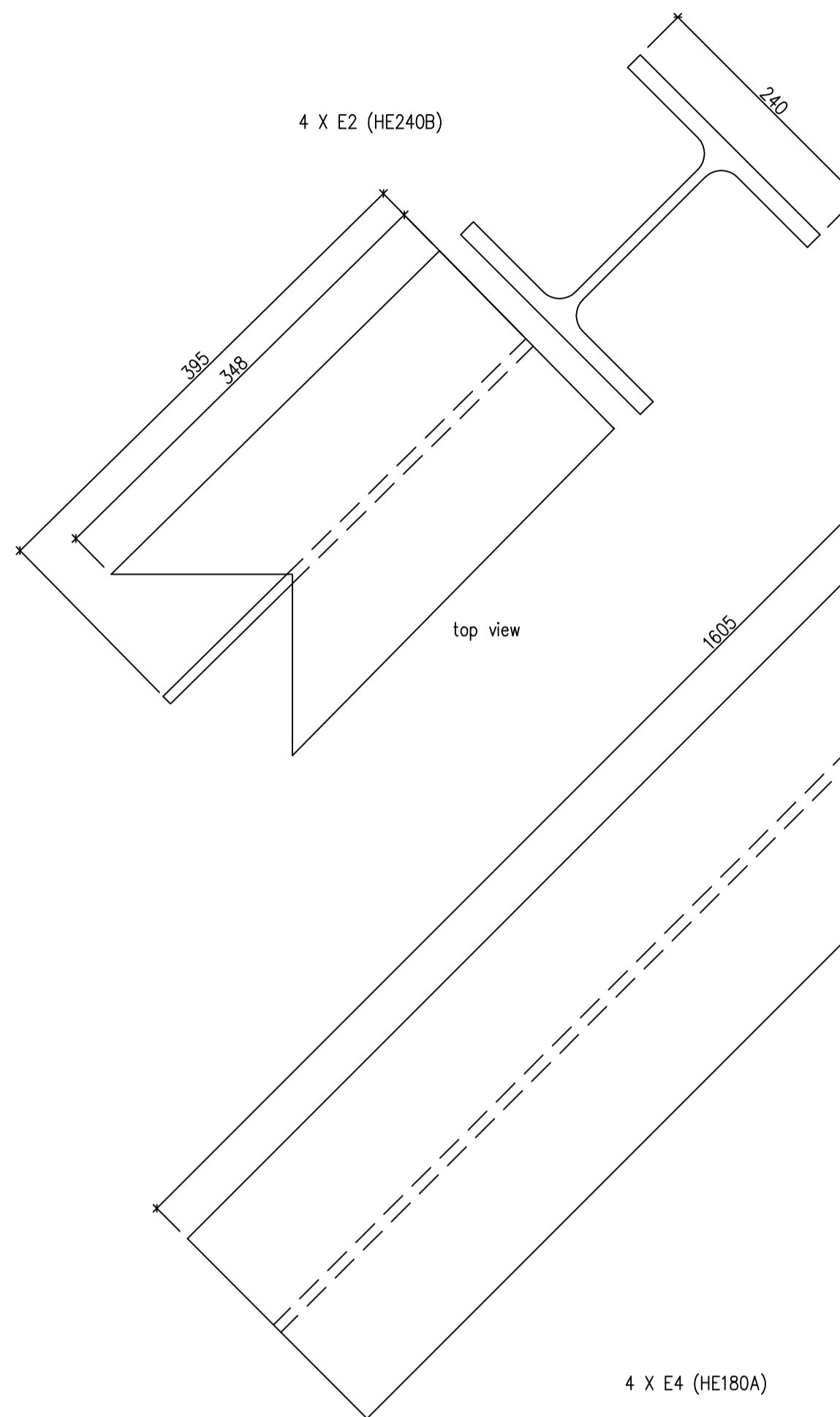
4 X E1 (HE240B)



top view

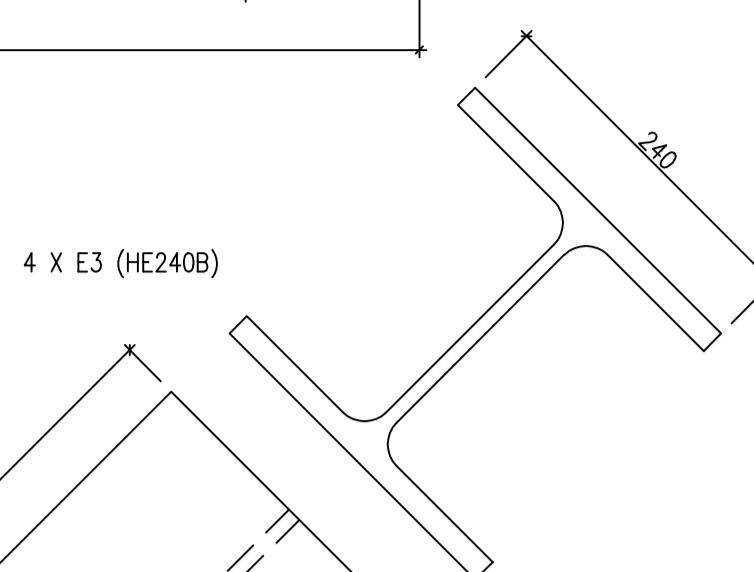


4 X E2 (HE240B)



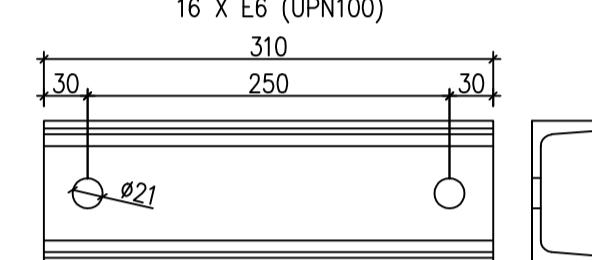
top view

4 X E3 (HE240B)

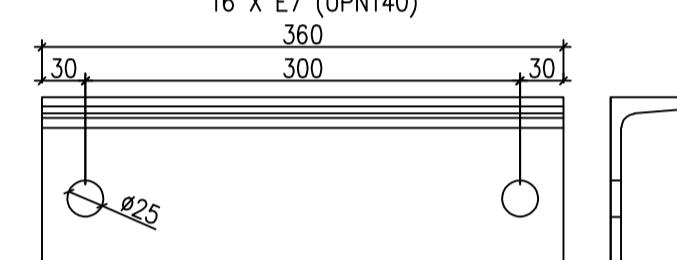


top view

16 X E6 (UPN100)

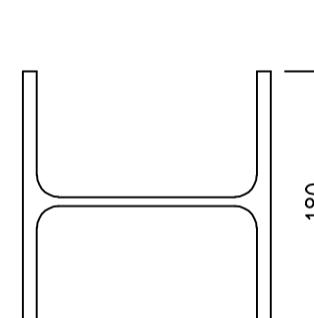


16 X E7 (UPN140)



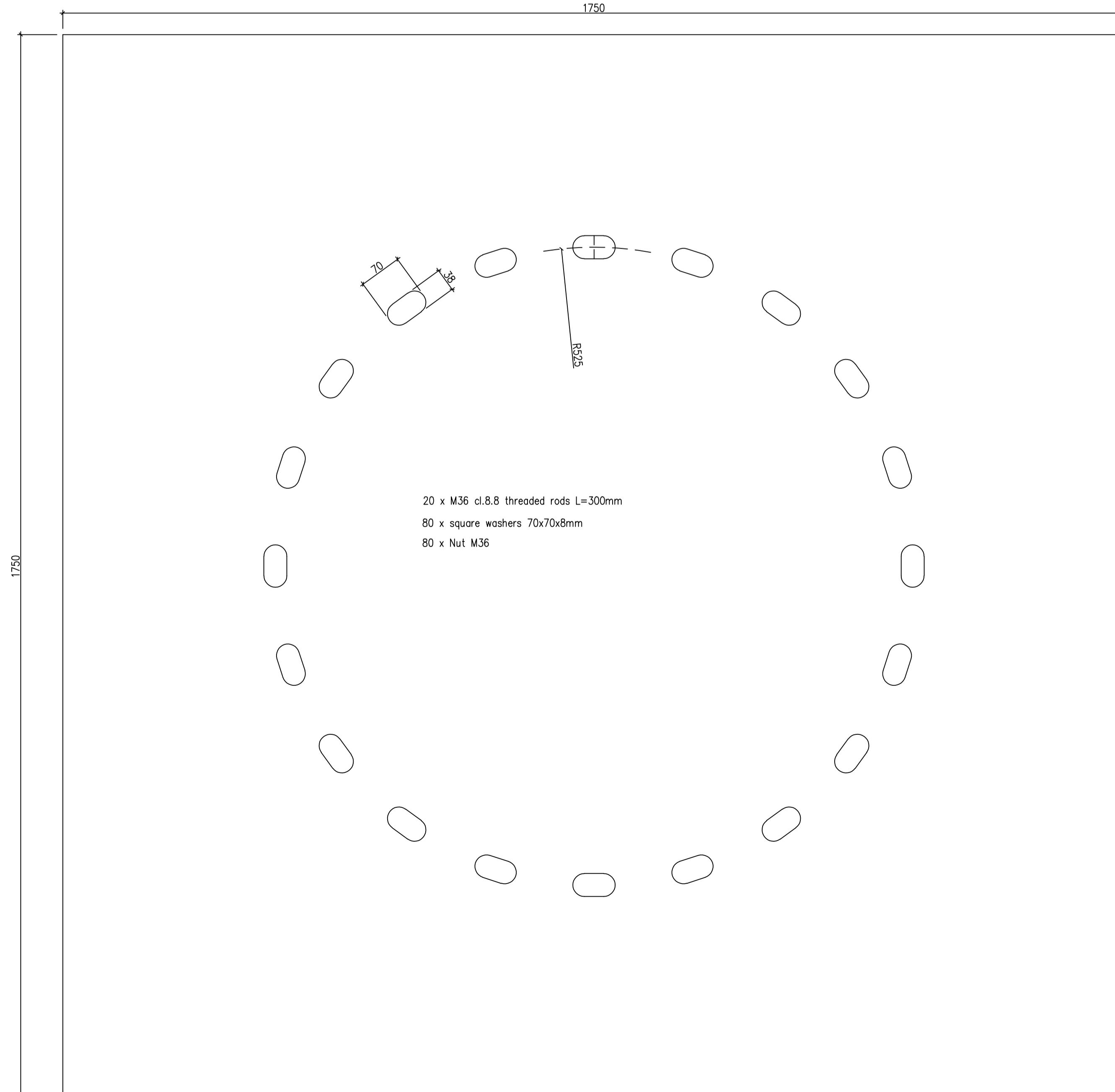
4 X E4 (HE180A)

2000



1 X E5, t=35mm

1750



20 x M36 cl.8.8 threaded rods L=300mm  
80 x square washers 70x70x8mm  
80 x Nut M36

**GROUND PLUG™**

Finish	paint	Material/Steel grade	S355	Sub-grade	-	Tolerances acc. to:	PN-EN ISO 9013:2008
Design	www.groundplug.com	Date	2016-03-13	Scale	1:10	PN-EN ISO 13920:2000	
Draw	Name	Signature		Date		EXC2	
Check				Format	rev.	Change/Date	
Confirm				A1	-	0000-00-00	
Product	Elements/ frame			File name	Prod. drawing		
Object name	Trinidad Tabago			Sheet			
				Number of drawing	3		
				Projection			

**SK 60 TV 2165**

round washer Ø60x25  
cut from the top plate  
with hole Ø21  
not welded

400 250

Nut M20, cl.8.8

top plate

25\*

Threaded rod  
M20 cl.8.8  
L=250

400 250

weld between  
the top plate  
and tube Ø60,3

3A

fin

Ø26,9x2,6  
L=2000

Ø60,3x4,5  
L=2000

150 60,3 150

2000

1750

200

5 50

165

round washer  
Ø60,3x5 hole Ø30

Shovel  
M10

Driving cone

DETAIL 2

B-B

Solution with shovel  
SCALE 1:5

REMARKS:

- Dimensions of holes for bolts based on contracting body need.
- Distance between holes based on contracting body need.
- Size of bolts/threaded rods based on contracting body need.
- Recommended bolts/threaded rods are: M20 cl.8.8.
- Cl.8.8 can be changed to A4-80 upon request.
- Main grade of the steel is s355. It can be changed to s235 upon request.

Recommendation for banana holes and bolt/threaded rods group:

	X [mm]	Y [mm]
banana hole	22	50

	type	amount
threaded rod	M20, cl. 8.8 L=180mm	4
nut	M20, cl. 8.8	20
oversized round washer	M20	16

A A

B B

Solution with shovel  
SCALE 1:5

400 250

75 75

hole Ø61

fin

hole Ø70

tube Ø60,3x4,5

round washer Ø60x25

R176,8

400 250

75 75

hole Ø70

top plate

DETAIL 1

SCALE 1:2

DETAIL 2

SCALE 1:2

**GROUND PLUG™**

Finish Acc. to EN ISO 1461	Material/Steel grade S355J0	Sub-grade -	Tolerances acc. to: PN-EN ISO 9013:2008 PN-EN ISO 13920:2000
Design Draw Check Confirm	www.groundplug.com www.groundplug.com Signature Date 2014-12-09	2014-12-09 Format A2 Version v1	1:5;1:2
Name Object name	2014-12-09	Date 2014-12-09	Change/Date 2014-12-09
Product Object name	GP60TV2000/SK60TV2165 GP60TV2000/SK60TV2165	Top plate 400x400 cc250	File name Prod. drawing Number of drawing GroundPlug
			Projection