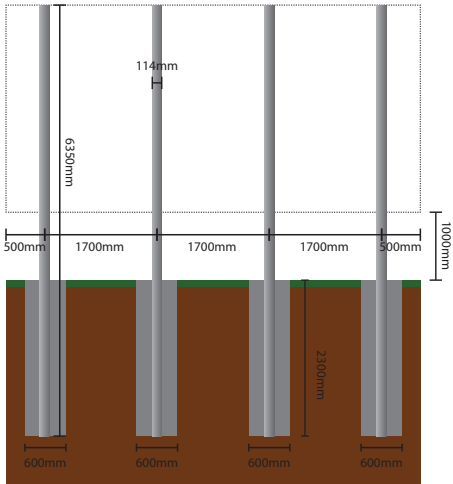




Post / Fixing Detail



<b>Posts Required:</b>	4	<b>End Cap:</b>	Yes
<b>Diameter:</b>	114mm	<b>Clips</b>	28
<b>Length:</b>	6350mm	<b>Channel Length:</b>	1m
<b>Finish:</b>	Grey Paint	<b>No of Channels:</b>	28

Board Specification

- Aluminium grey coated posts
- Treated timber rails
- Marine ply backboards
- ACM livery boards
- High spec 48 sheet board fixings

Notes:

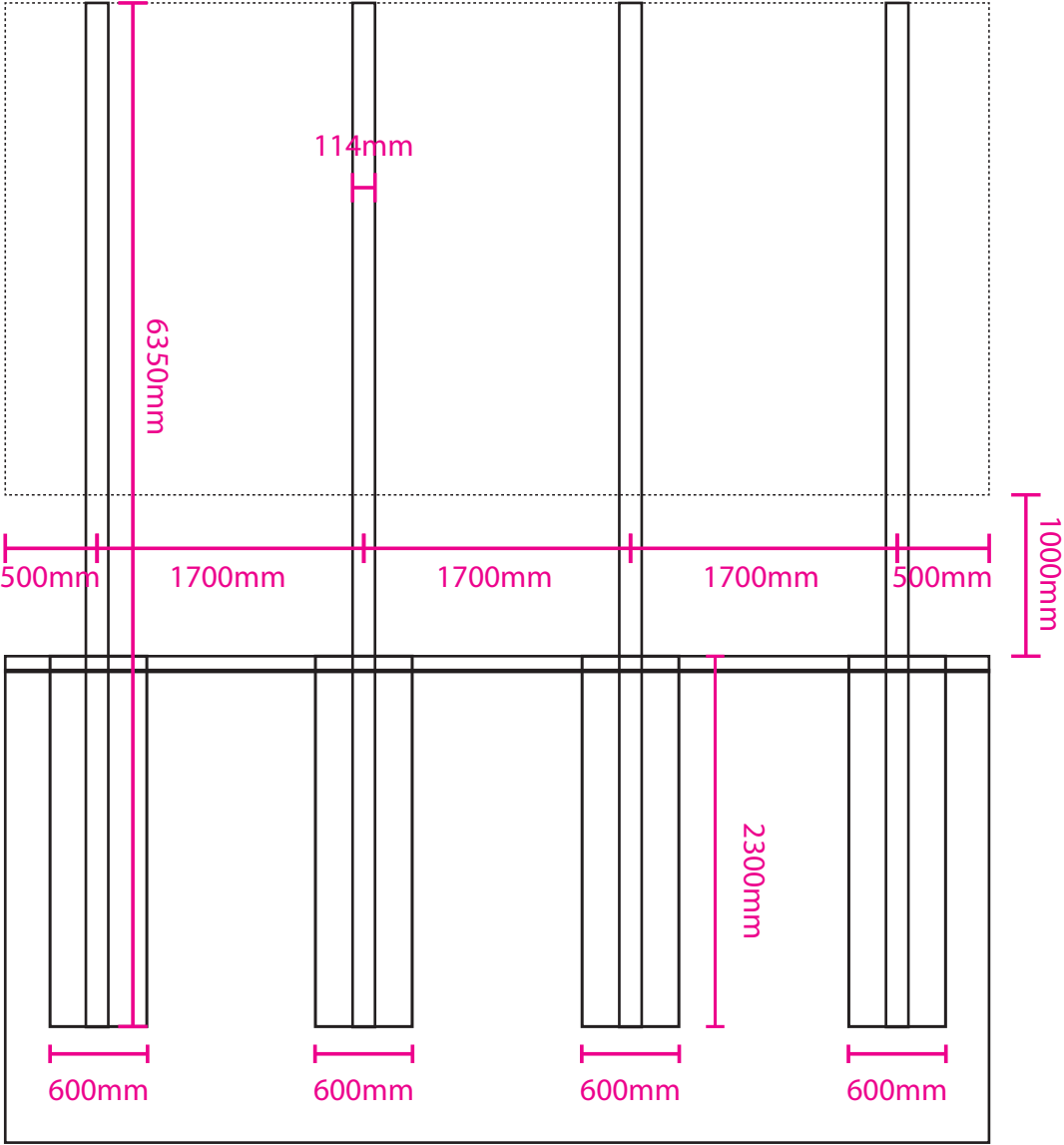
Specification:

<b>Type:</b>	48 Sheet Hoarding Board	<b>Qty:</b>	2
<b>Width:</b>	6100mm		
<b>Height:</b>	3050mm		

Illumination:

N/A

<b>Date:</b>	28/03/2022
<b>Ref:</b>	48 Sheet Hoarding
<b>Client:</b>	Teesside International Airport



**Sign Width:**  
6100 mm

**Sign Height:**  
3050 mm

**Sign Area:**  
18.61 m<sup>2</sup>

**Mounting Height (to lower edge):**  
1000mm

**Fundamental Wind Velocity:**  
23.5 m/s

**Altitude:**  
37 m

**Distance from shoreline:**  
25.0 km

**Basic wind pressure:**  
540 N/m<sup>2</sup> (EN1991-1-4: 25-year wind speed)

**BS EN 12899-1:2007 Classes:**  
PL3, TDB4, PAF1

**Aerodynamic force coefficient:**  
1.32

**For the above sign, a satisfactory structure is:**

**Number of supports**  
4

**Support type:**  
Steel circular section S275

**Support section:**  
114mm O.D. 5mm Thick

**Support length:**  
6350mm

**Planted foundations to PD 6547 (& former BD 94):**

**Soil type:**  
As per Solmek Phase 2 Site Investigation Report as received on the 4th April 2022 from Jonathan Shaw

**Height of Footing:**  
2300mm

**Diameter of each footing:**  
600mm

**Specification of Readymix concrete**  
C28/35

**Max water / cement ratio**  
0.60

**Min cement content**  
280 kg/m<sup>3</sup>

**Notes:**

**Date:** 28/03/2022

**Ref:** 48 Sheet Hoarding

**Client:** Teesside International Airport

Specification:				Illumination:	
Type:	48 Sheet Hoarding Board	Qty:	2	N/A	
Width:	6100mm				
Height:	3050mm				

Notes:



**Date:** 28/03/2022  
**Ref:** 48 Sheet Hoarding  
**Client:** Teesside  
International  
Airport