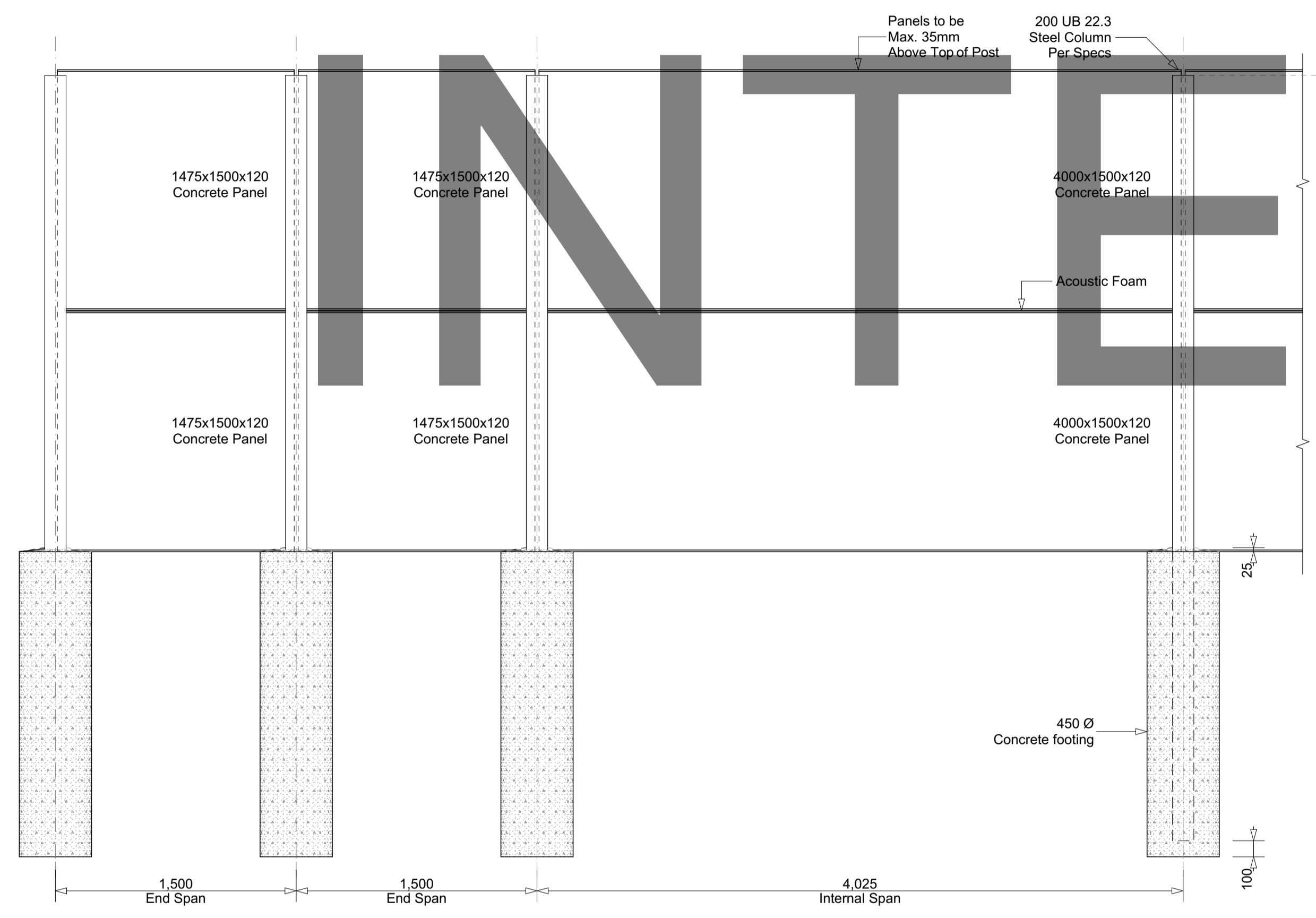
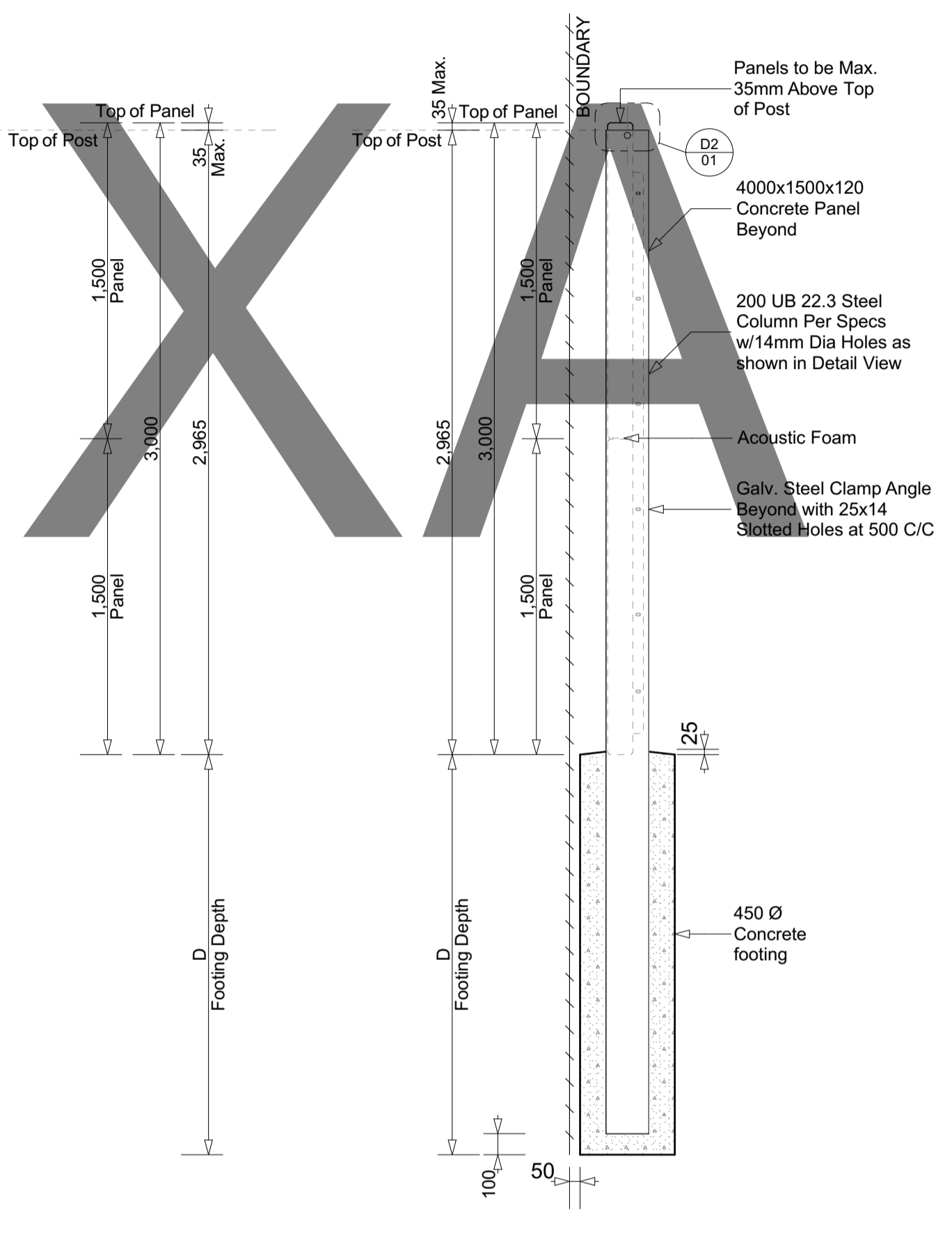


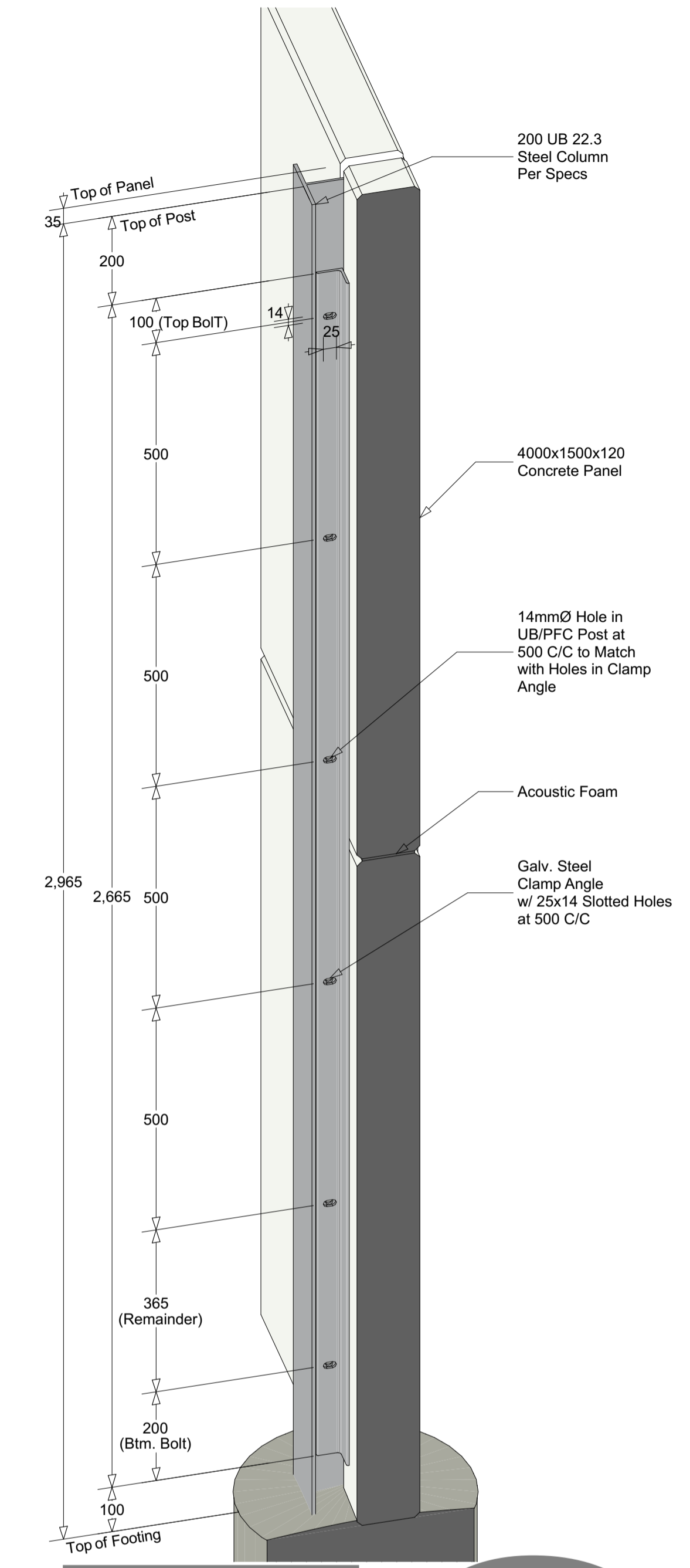
Plan



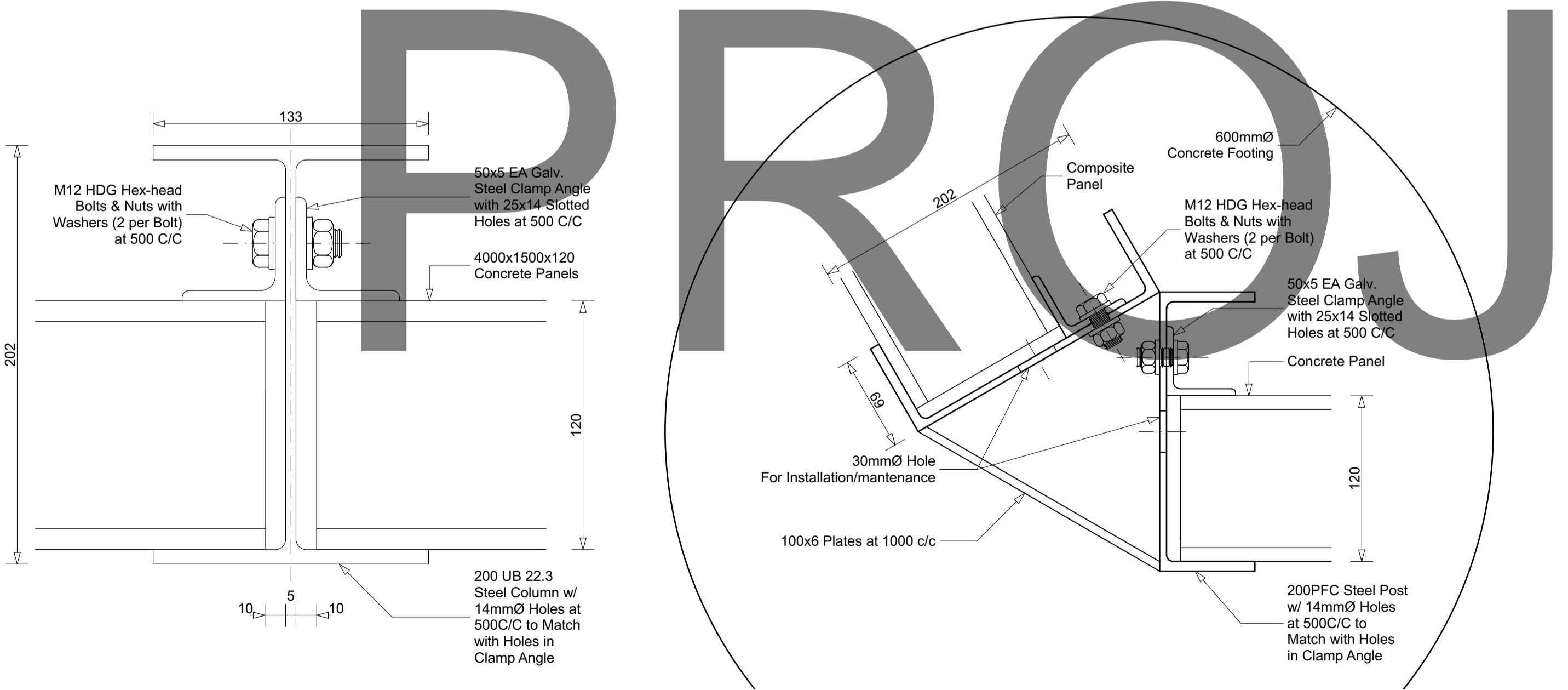
Elevation
Barrier Assembly Detail



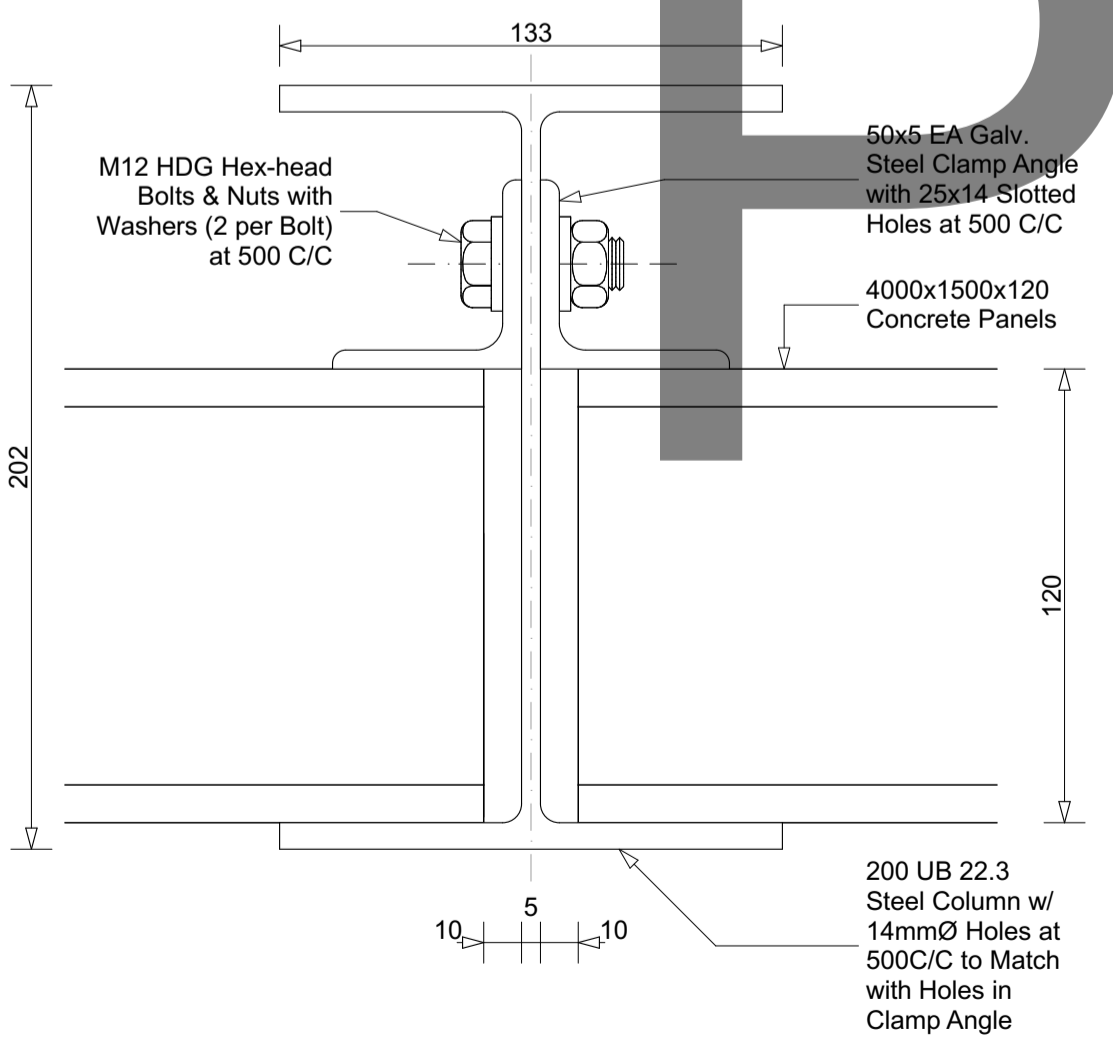
Section 1



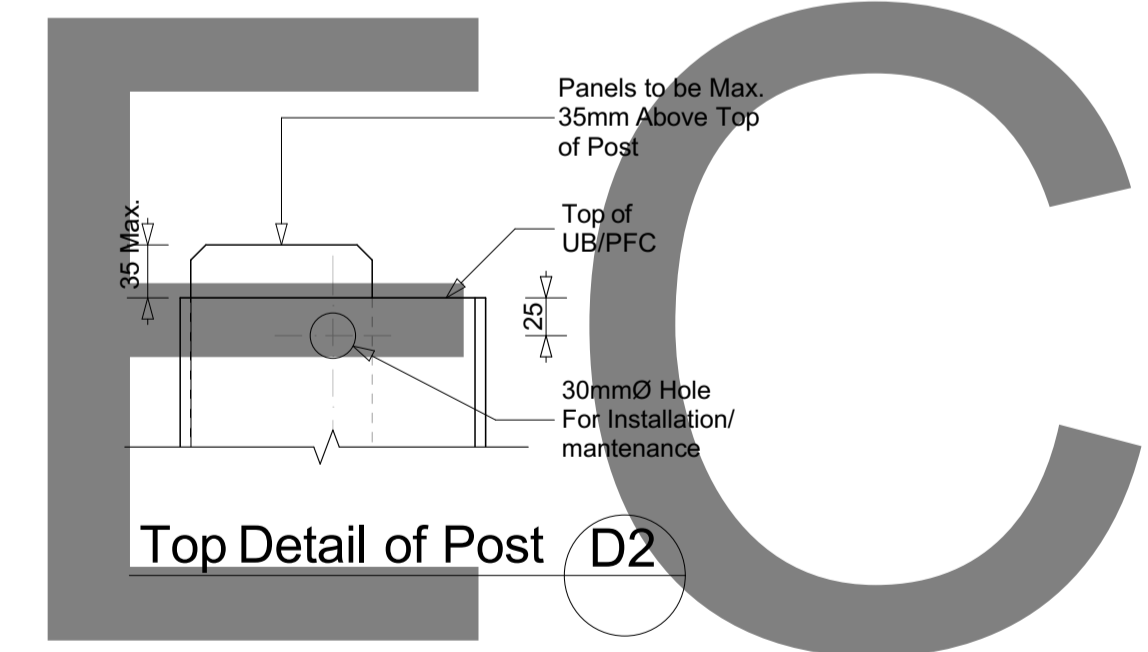
Post/Angle/Panel
Connection View D1



Corner Post
Connection Detail



Post/Angle/Panel
Connection Detail D1



Top Detail of Post D2

Structural Detail

Fence Height (mm)	Panel spans (mm)	Retaining height (mm)	Post Size (mm)	Footing Depth (mm)	Footing Dia. (mm)
3000	4025 internal 2x 1500 ends	0	200UB22.3	XXXX	450
4500	4025 internal 2x 2250 ends	0	250UB31.4	XXXX	450

Materials

Posts	* 200UB22.3 HDG
Panels	* 4000x1500x120mm Concrete panels * 1475x1500x120mm Concrete panels (for End Spans)
Fasteners	* 50x5mm EA HDG * M12 HDG hex head bolt + nut with washer
Concrete	* 25 MPA

NOTES:

- Acoustic Density – 15.3 kg/m². Other panel options available for density up to 30.5 kg/m².
- All dimensions shown are in millimetres (mm) unless specified otherwise.
- All details should be checked and certified by a RPEQ prior to use of the drawing for design and/or construction. Intexa Projects does not take any responsibility otherwise.
- All free ends of the barrier should have two shorter spans, each span equivalent to half the height of the barrier (e.g. if the barrier is 3000mm high, the two end spans will be 1500mm each).
- Maximum step in barrier height per panel to be 200mm.
- Steel components:
 - Posts to be UB's, or PFC's at corners.
 - The barrier label and post number to be welded or punched on each post and to be clearly visible after galvanising.
 - Clamp angle to be 50x5 EA with slotted holes.
 - Hot dip galvanising to be done to AS4680.
 - Steel plates for corners to be to grade 250 to AS3678.
- Panels
 - More detail on the panels, capping channel and joining profiles to be provided when project specifications are known.
 - Panels to be painted with two coats of manufacturer approved paint.
 - Panels come with a 15-year warranty, when installed in to manufacturers specifications.

SUPPLIER

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Transforming Outdoor Spaces

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 Email: sales@intexa.com.au
 Website: www.intexa.com.au
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CLIENT

PROJECT

DRAWING
STRUCTURAL DETAIL

PRODUCT

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Drawn	Designed	Checked

STRUCTURAL DESIGN CERTIFICATE

DESIGN NOTES

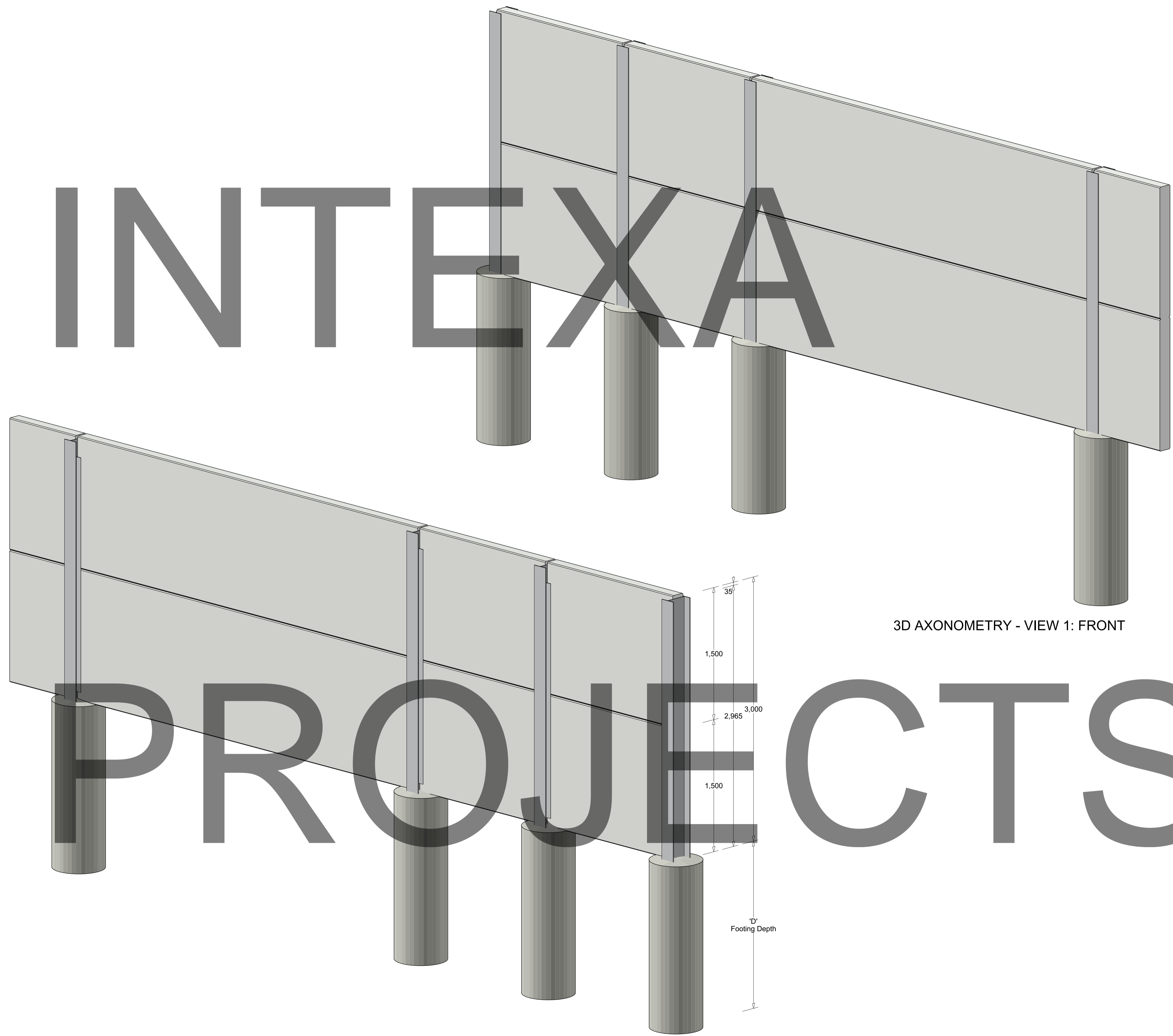
Date: _____

Scale at A1: Drawing Status
 Not To Scale **Design**

Job No: AB-CON-01 Date: 17-01-2019

Drawing No: AB-CON-01.01 Sheet No.: 1 of 2 Issue A

1
2
3
4
5
6
7
8
9
10
11



3D AXONOMETRY - VIEW 1: FRONT

3D AXONOMETRY - VIEW 2: BACK

AMENDMENTS		
No.	Description	Date
A	Design	

SUPPLIER

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CLIENT

PROJECT

DRAWING
3D VIEWS

PRODUCT

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Drawn	Designed	Checked
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STRUCTURAL DESIGN CERTIFICATE

DESIGN NOTES

Date:	Drawing Status	
Scale at A1:	Not To Scale Design	
Job No:	AB-CON-01	Date: 17-01-2019
Drawing No:	AB-CON-01.02	Sheet No.: 2 of 2 Issue A