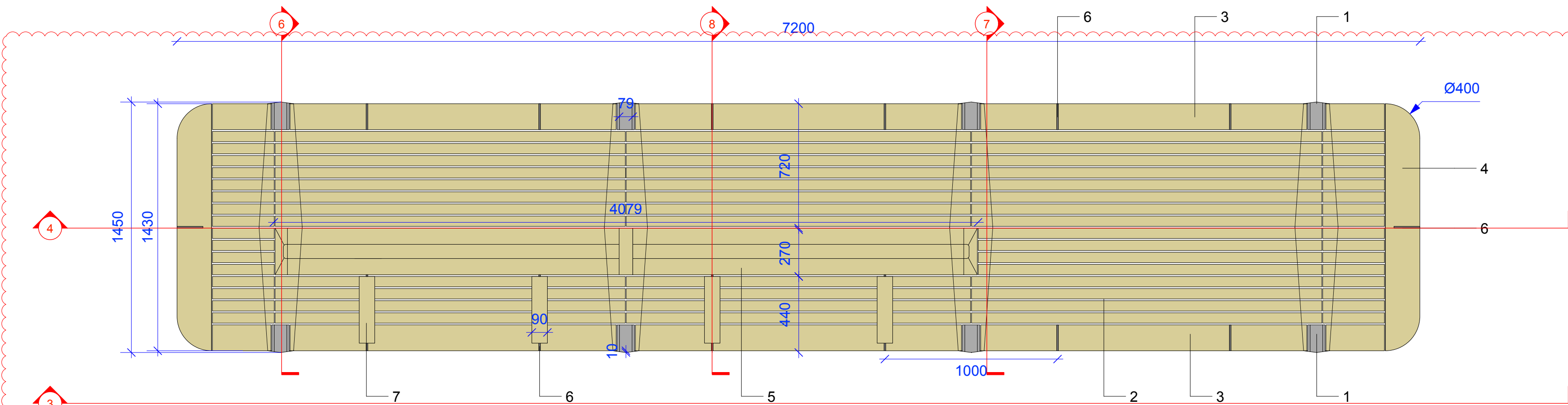
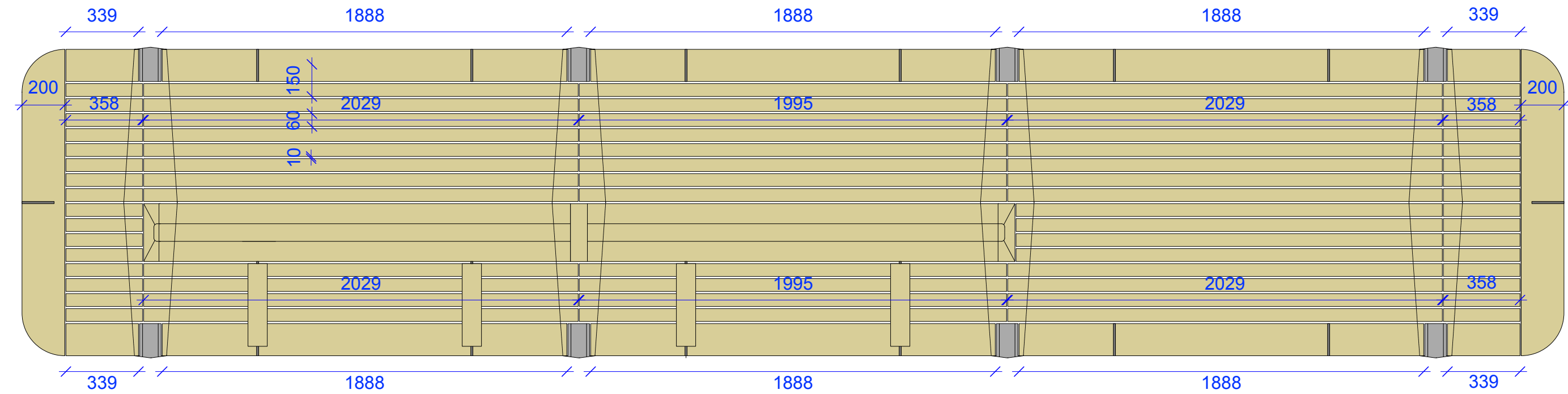
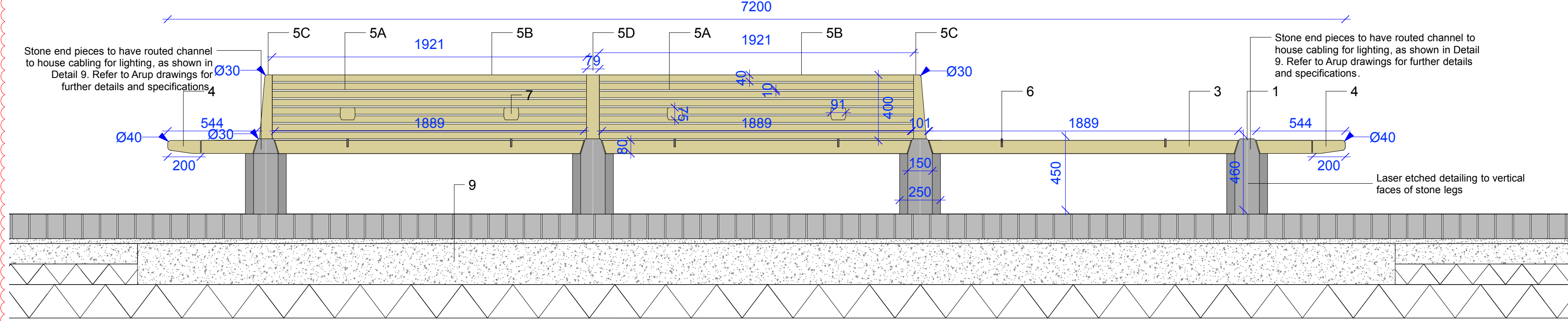




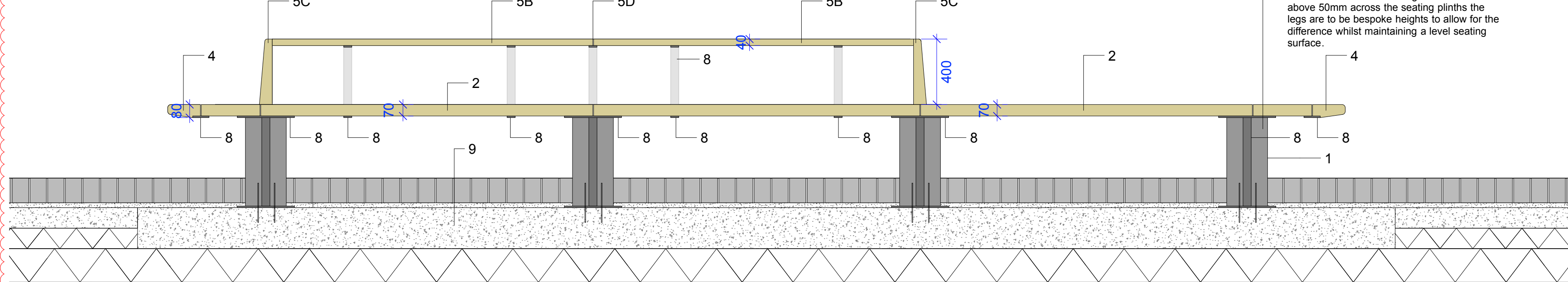
1 Large Plinth - Plan View
Scale 1:20



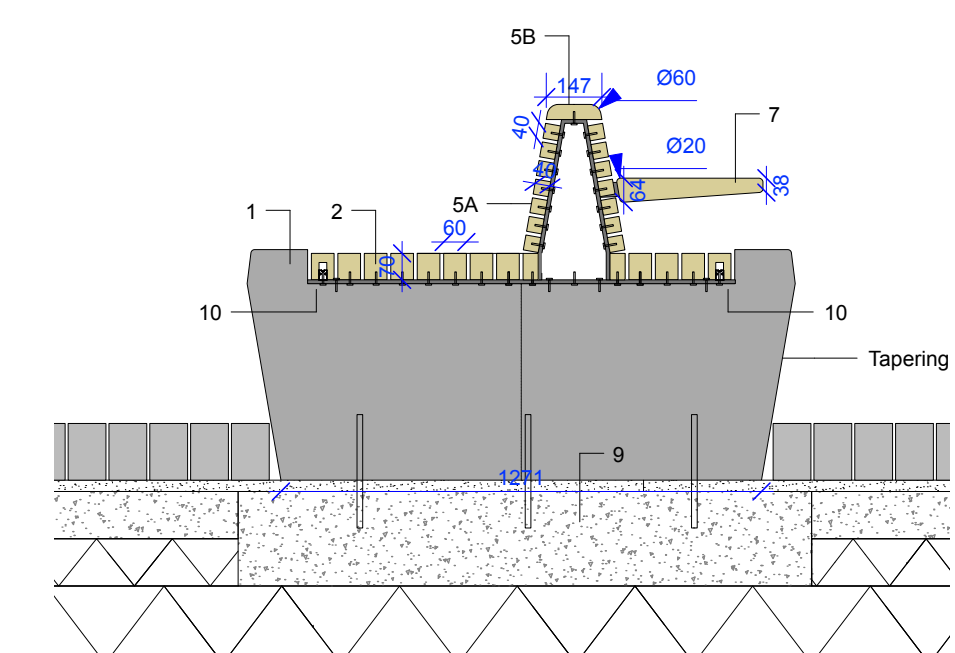
2 Large Plinth - Plan View - Timber Dimensions
Scale 1:20



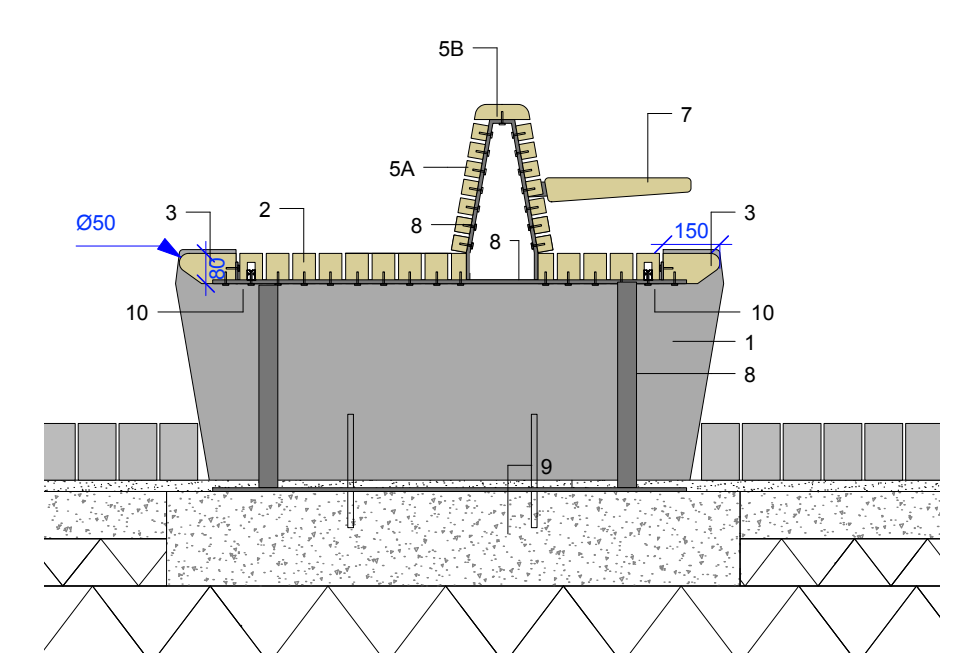
3 Large Plinth - Front Elevation
Scale 1:20



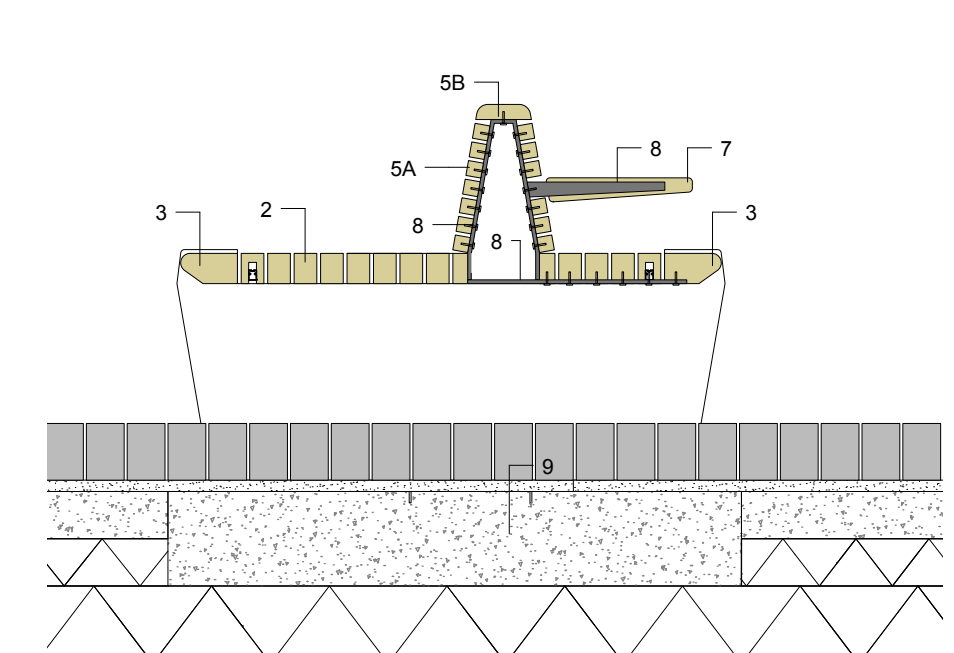
4 Large Plinth - Section Through Length
Scale 1:20



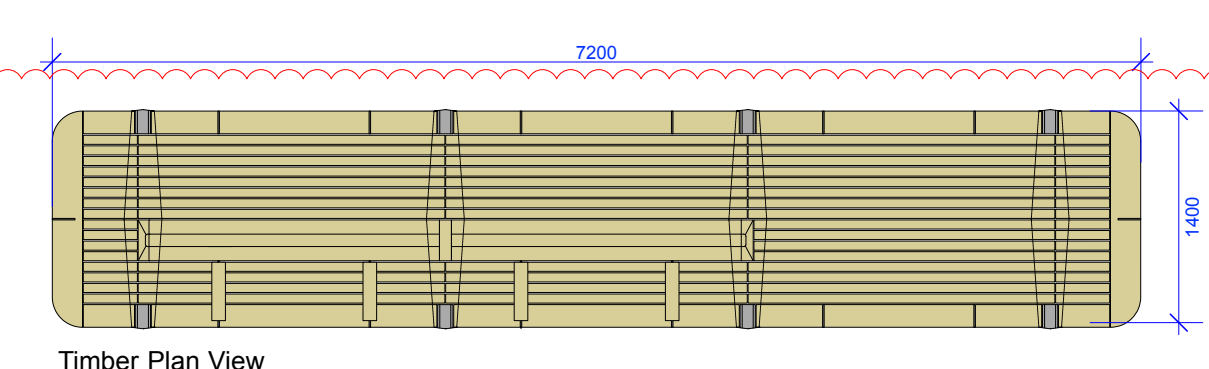
5 Large Plinth - Section A - Through Granite Legs
Scale 1:50



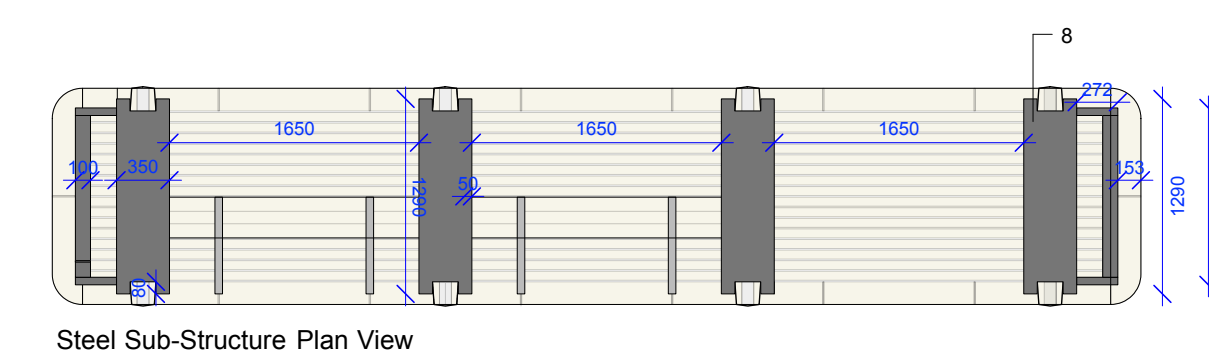
6 Large Plinth - Section A - Through Steel Frame Supports
Scale 1:50



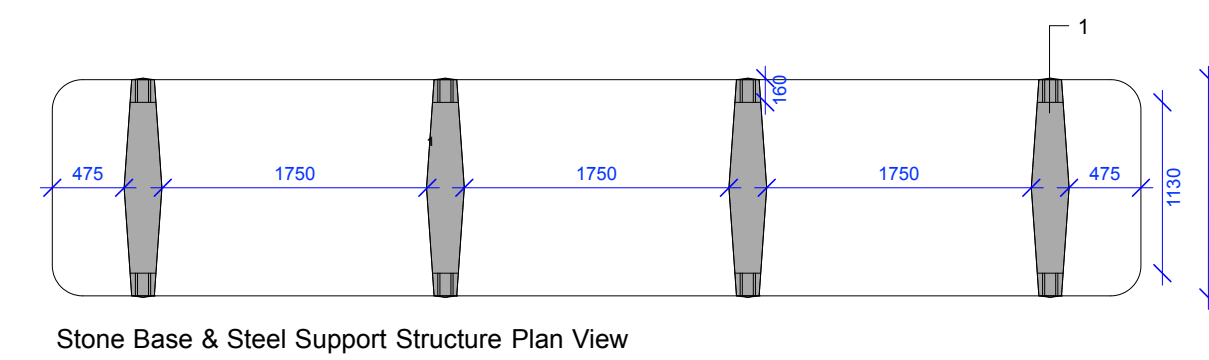
7 Large Plinth - Section A - Through Backrest/Armrest
Scale 1:50



Timber Plan View

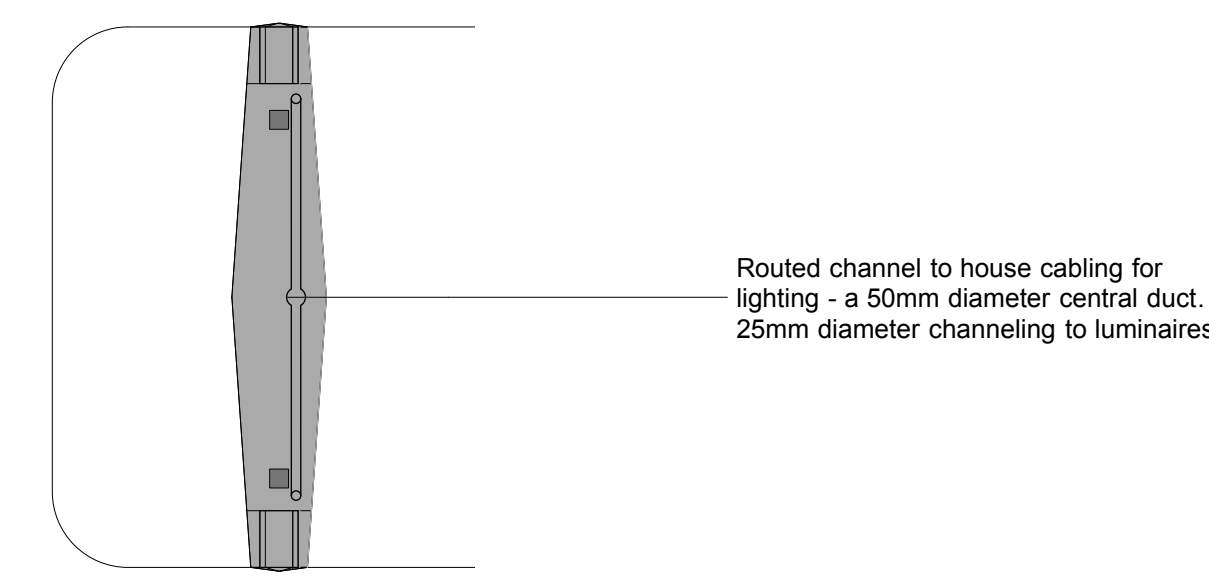


Steel Sub-Structure Plan View

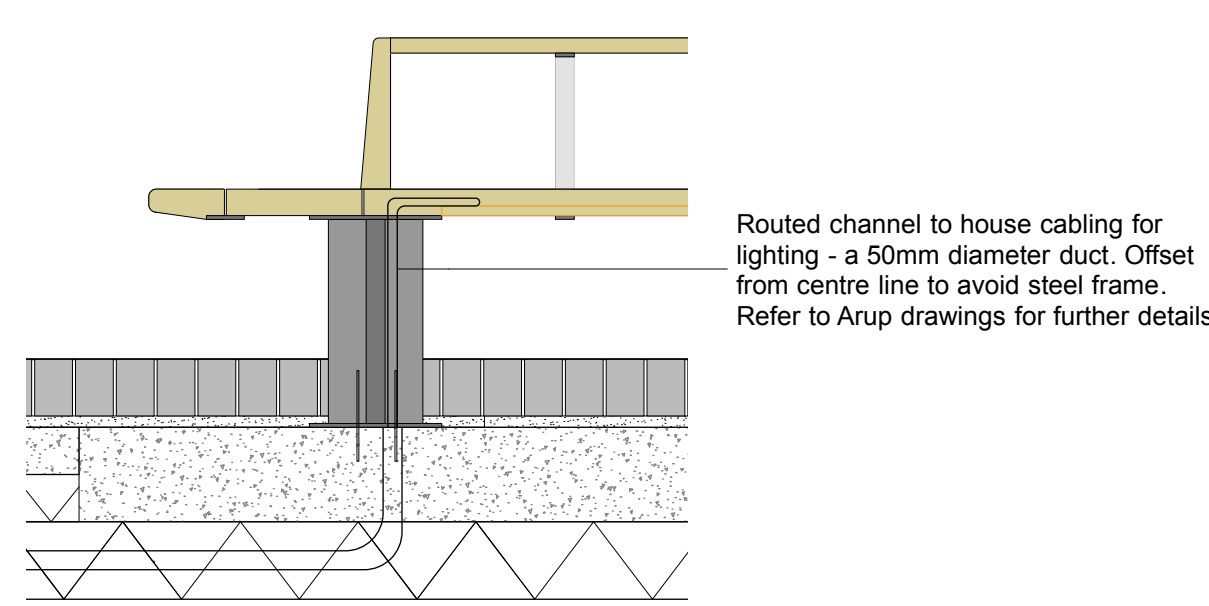


Stone Base & Steel Support Structure Plan View

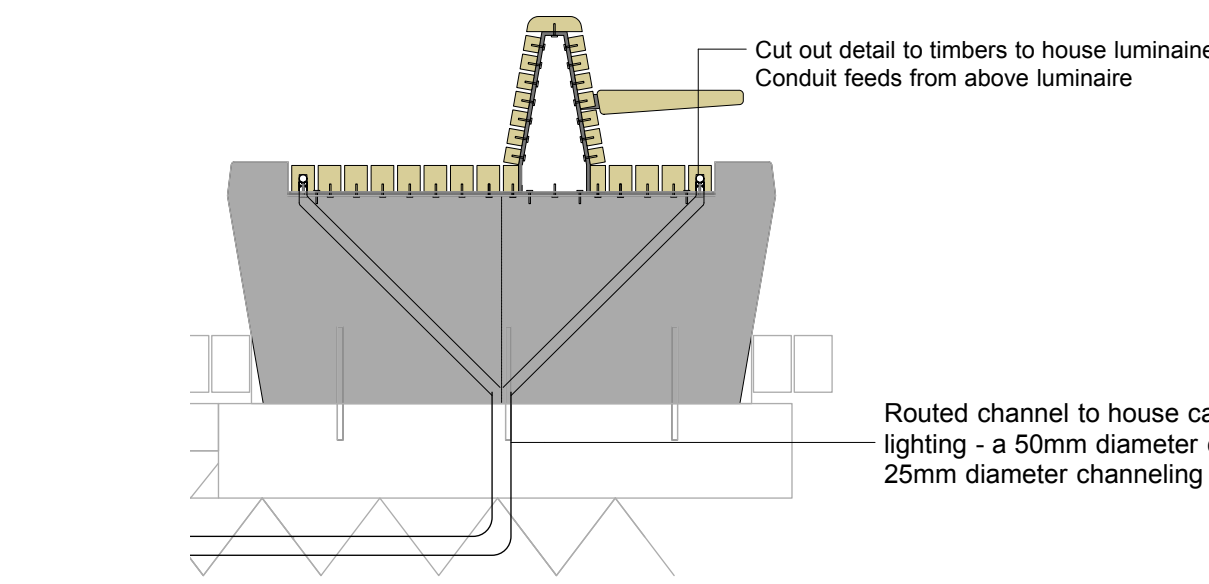
8 Large Plinth - Steel Frame & Granite Layout
Scale 1:50



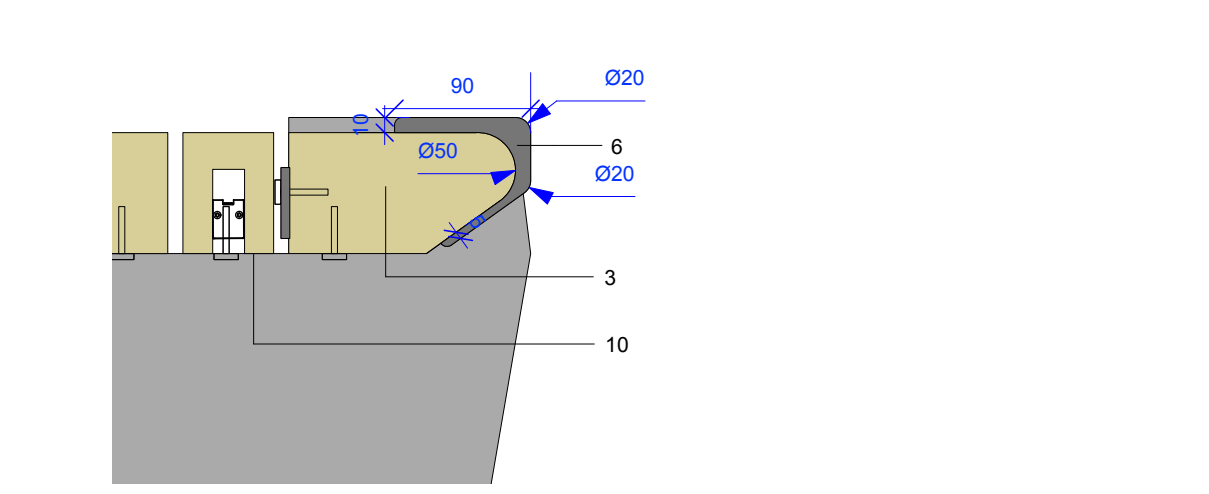
9 Large Plinth - Plan View - End Granite Piece - Cabling & Steel Frame
Scale 1:50



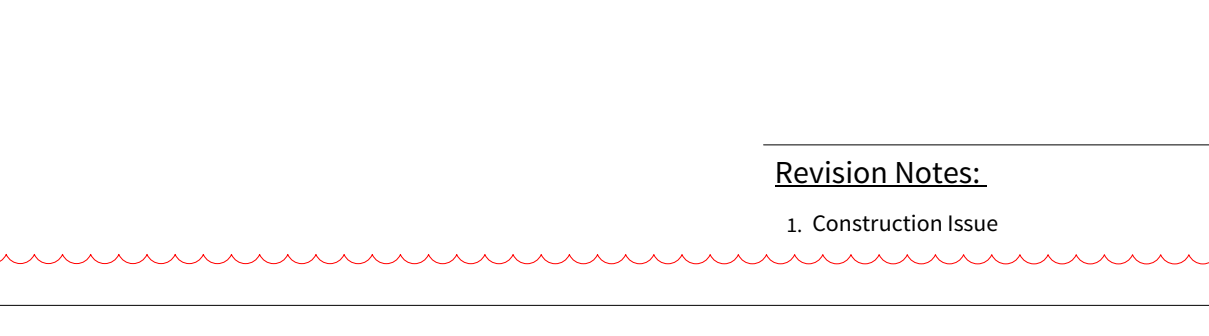
10 Large Plinth - Elevation - End Granite Piece - Cabling & Steel Frame
Scale 1:50



11 Large Plinth - Section - End Granite Piece - Cabling Route
Scale 1:50



12 Large Plinth - Anti-Skate Detail
Scale 1:50



Revision Notes:
1. Construction Issue

NOTES:

- Check all dimensions from this drawing.
- All dimensions are in millimetres unless otherwise stated.
- Dimensions are given in millimetres (mm) and feet (ft) where appropriate.
- The dimensions of all materials must be checked to ensure they meet the requirements of the specification.
- Check all dimensions and details with the relevant authorities before construction.
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For location of benches refer to drawing: OTH-PLA-EE-ES-DWG-L-4000

Refer to specification clauses:
Q50 220A - for bench tops
F21 119B - for stone bases

1. Natural Stone Legs to Plinth
To have tapering profile as indicated.
Dimensions: 150mm - 250mm at the centre (W). Front elevation to have carved 10mm profile as shown.
1323mm at base - 1450mm at widest top point (L)
Cut out profile to house timber slats and steel frame - 1131mm cut out at 90mm depth.
150mm extrusion to either end with 10mm bullnose to outer edge.
Total height - 630mm
Height above ground - 460mm. 170mm to sit below ground. Where there are level changes in the surface above 50mm across the seating plinths the legs are to be bespoke heights to allow for the difference whilst maintaining a level seating surface.
Mechanically fixed to concrete foundations.
Material: Green Schist (Scottish).
To have steel support structure.

2. Central timber slats
Dimensions - 70mm (D) x 60 mm (W)
Material: FSC hardwood certified timber
'Cumaru' slats on G316 galvanised steel frame.
All fixings: Tamper proof and counter sunk fixings to match frame.

3. Outer timber slats
Dimensions - 80mm (D) x 150 mm (W)
25mm bullnose to top of seating edge.
10mm bullnose to underside of seating edge.
Material: FSC hardwood certified timber
'Cumaru' slats on G316 galvanised steel frame.
All fixings: Tamper proof and counter sunk fixings to match frame.
Cut out detail to either end of slats to attach to steel frame as shown.

4. Tapering timber end pieces
Dimensions - 80-60mm (D) x 200mm (W) x 1430mm (L)
20mm bullnose to end profile.
25mm bullnose to tie into outer timber slats.
200mm curved radii to corners.
Material: FSC hardwood certified timber
'Cumaru' slats on G316 galvanised steel frame.
To be made from single piece of timber as indicated on drawings.

5. Tapering backrests
Material: FSC hardwood certified timber 'Cumaru'
Mechanically fixed to galvanised steel frame.
5A - Central slats:
Dimensions: 40mm (D) x 40mm (W) x 1921mm (L)
5B - Top piece
Dimensions: 40mm (W) x 147-141mm (D) with a 30mm bullnose x 1921mm (L)
5C - Special end piece:
Dimensions: 30-78mm (W) with 15mm bullnose x 141-270mm (D) with 30mm bullnose
Overall height - 465mm Mechanically fixed to galvanised steel frame.
5D - Mid Piece
Dimensions: 78mm (W) x 141-270mm (D) with 30mm bullnose
Overall height - 465mm Mechanically fixed to galvanised steel frame.

6. Bronze anti skate fixings
To outer timber slats. To sit within groove cut into outer slats at 1000mm centres. Hidden tamper proof and counter sunk fixings to match frame.

7. Armrests
G316 galvanised steel support to be inlaid into timber top, mechanically fixed to steel frame of backrest. Hidden steel support frame.
FSC hardwood certified timber 'Cumaru' top with tapering profile.
Dimensions: 90mm (W) x 38-64mm (D) with 10mm bullnose to all corners.

8. Galvanised steel frame
To sit above and be fixed to steel structure as shown. Fixings to engineer's specification.

9. Concrete foundations to engineers specification
Refer to Ramboll drawings OTH-RAM-EE-ES-DWG-N-0106 & OTH-RAM-EE-ES-DWG-N-0107

10. LED Luminaires
Supplier: LED Linear
Refer to Arup drawings for further details.

NOTE:
Design subject to final approval of manufacturer's fabrication drawings, all measurements to be checked on site prior to ordering and fabrication.
Seating to have integrated light fittings and associated cabling / connections (not shown) to mains power source as indicated on Arup lighting drawings and specifications.

Revision	Date	Description	Drawn	Apprv.
C01	01/04/21	Construction Issue	SR	MS
06	26/02/21	Stage 4 Issue (Re-Coordination)	SR	MS
05	06/09/19	Planning Issue	SR	MS
04	15/08/19	Minor amendments as clouded	SAB	MS
03	26/07/19	Stage 4 Issue	SAB	MS
02	29/05/19	Stage 3+ Issue	SR	MS
01	30/11/18	Stage 3 Issue	AD	MS/KR

Client Manchester City Council

Project Our Town Hall

Drg Title Seating Details - Large Plinth

Created on 30.11.18 **Created by** AD **Approved by** MS/KR

Scale As shown **Size** A1 **Workstage** Stage 5

Drg No. OTH-PLA-EE-ES-DWG-L-7000 **Suitability** S4 **Revision** C01

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