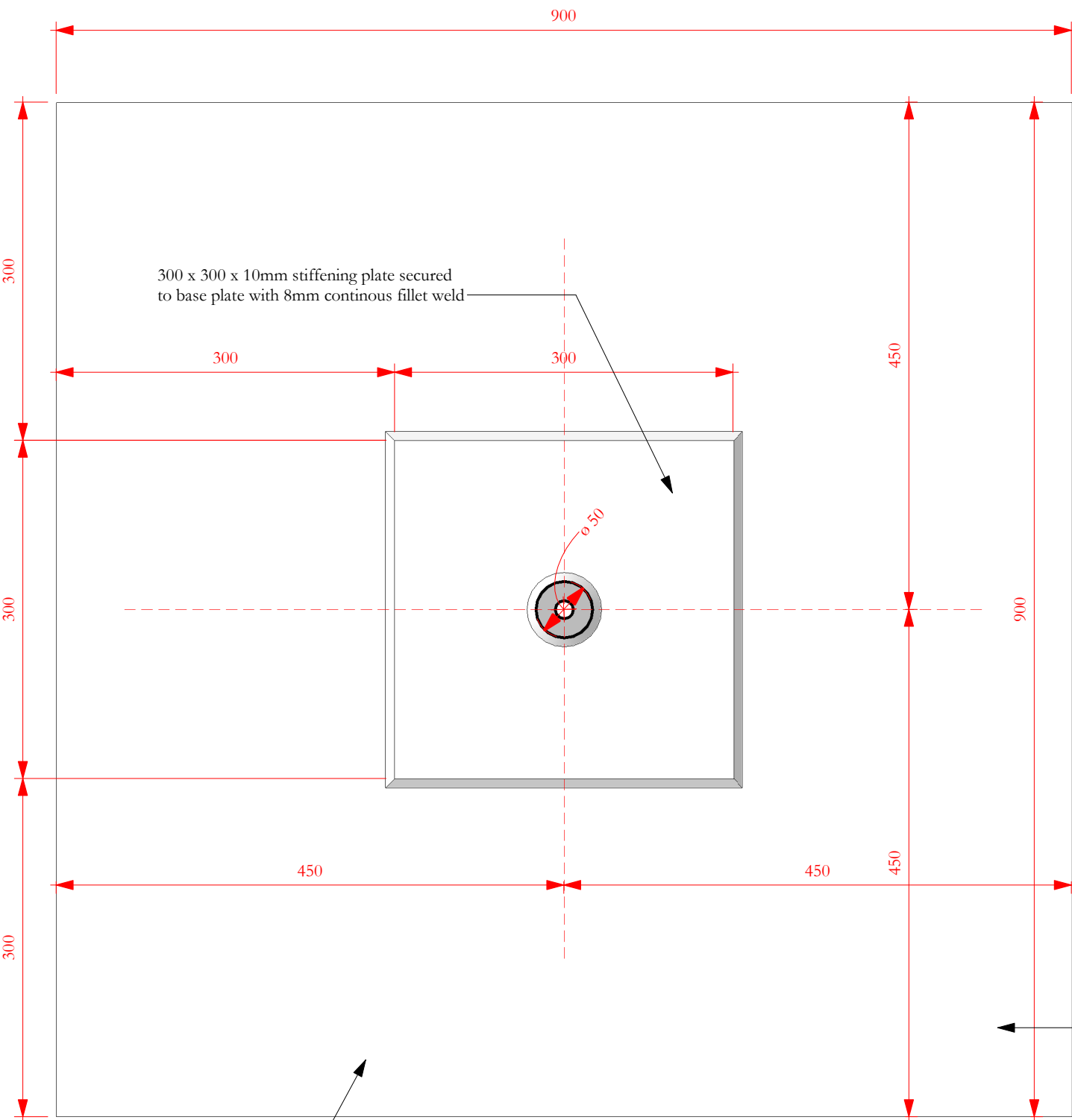
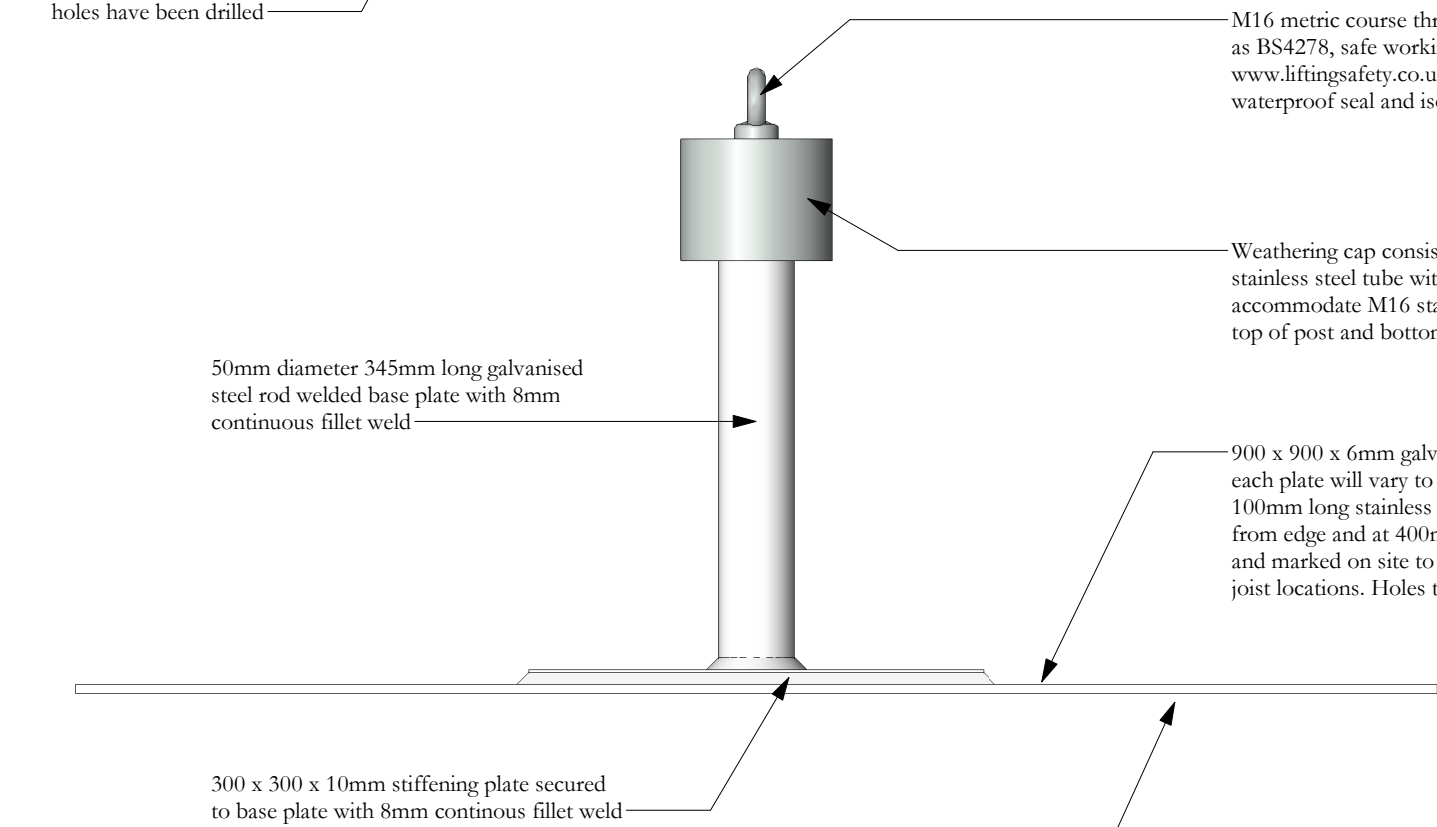
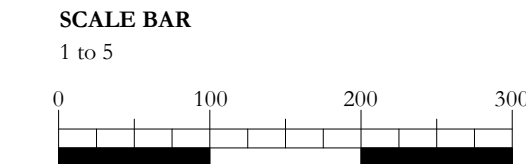




Base plate and post to be galvanised as NBS clause L30.100 specification number 0022 after fixing holes have been drilled



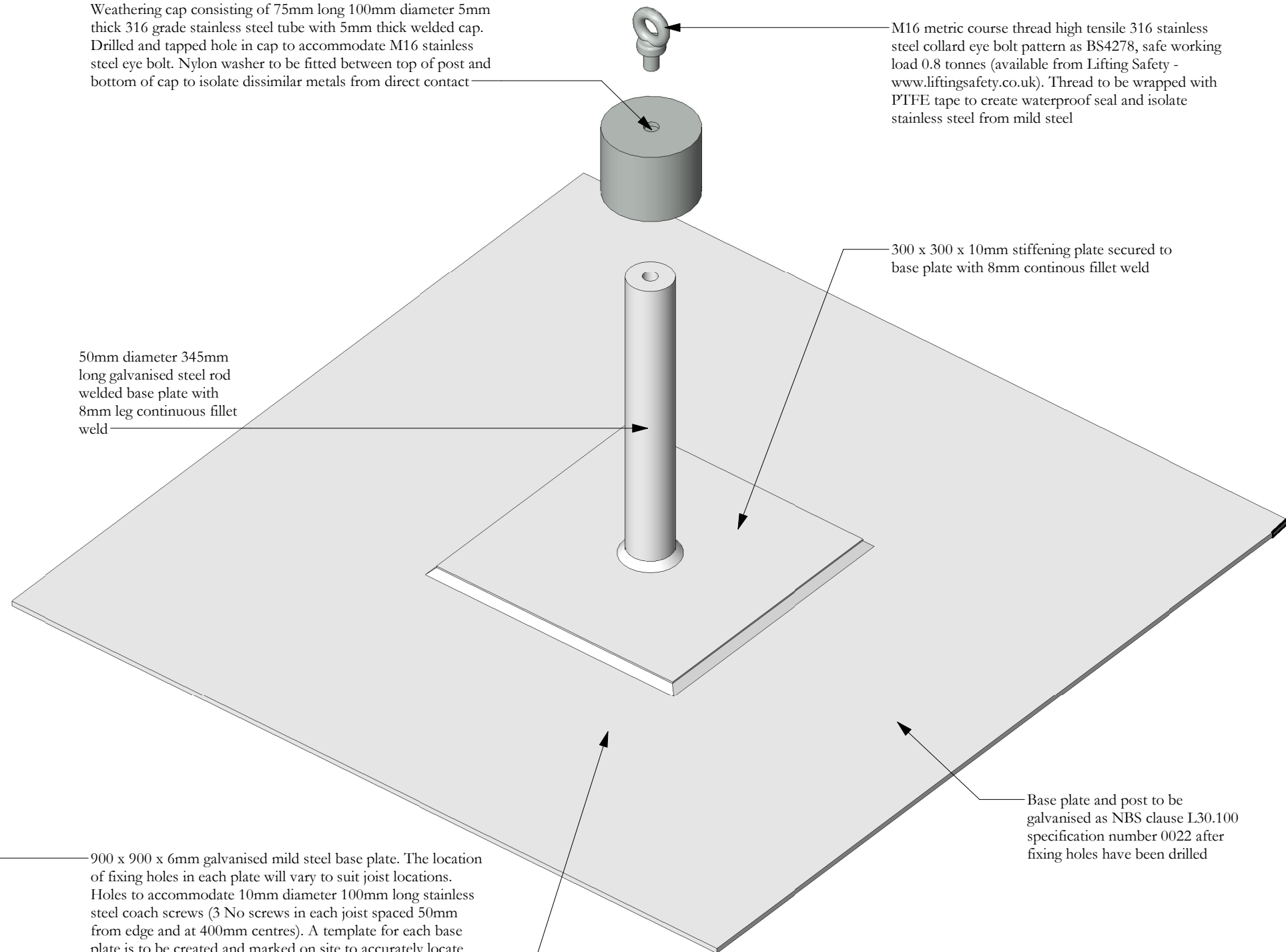
Base plate and post to be galvanised as NBS clause L30.100 specification number 0022 after fixing holes have been drilled



Refer to drawings 4314 - General arrangement plan south-west and 7451 - WR23 layout of new joists to fill existing openings for locations of base plates on roof WR23

Plan

Front Elevation



Weathering cap consisting of 75mm long 100mm diameter 5mm thick 316 grade stainless steel tube with 5mm thick welded cap. Drilled and tapped hole in cap to accommodate M16 stainless steel eye bolt. Nylon washer to be fitted between top of post and bottom of cap to isolate dissimilar metals from direct contact

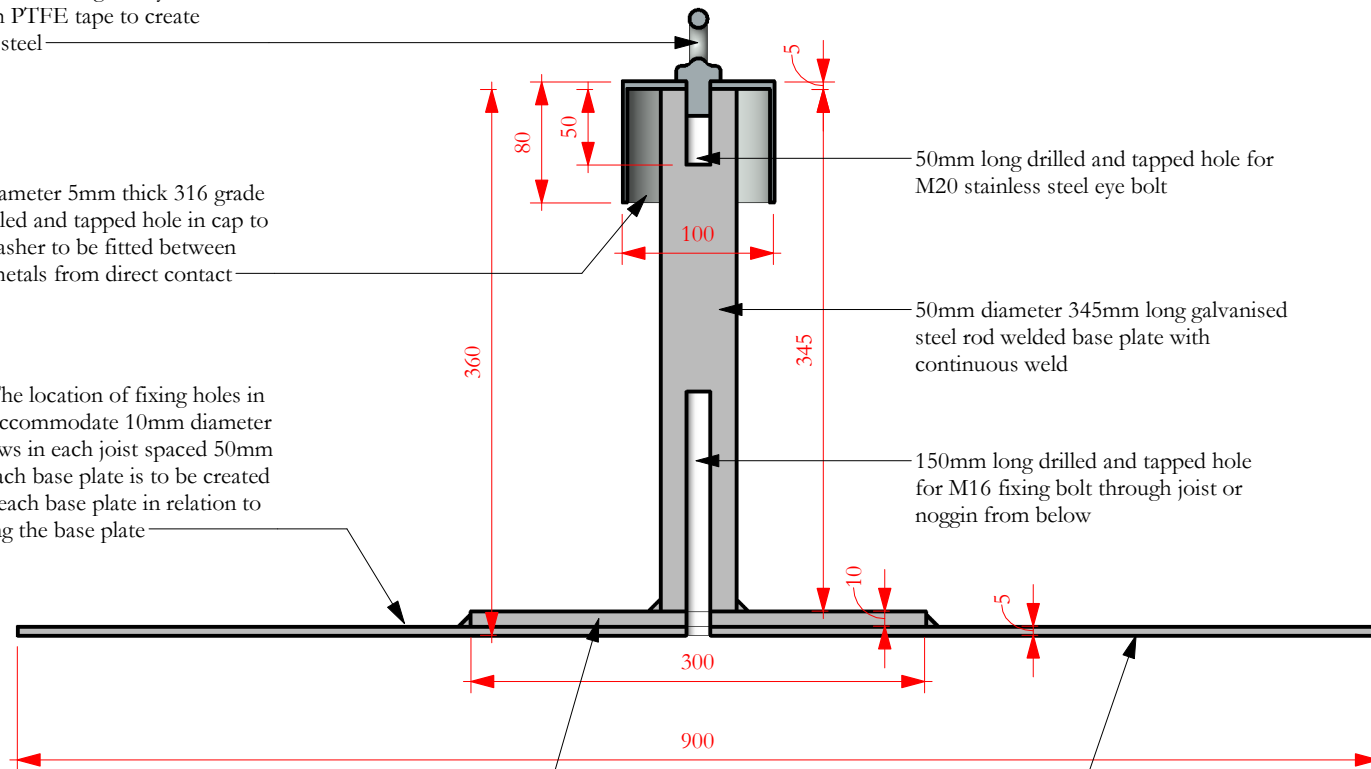
M16 metric course thread high tensile 316 stainless steel collar eye bolt pattern as BS4278, safe working load 0.8 tonnes (available from Lifting Safety - www.liftingsafety.co.uk). Thread to be wrapped with PTFE tape to create waterproof seal and isolate stainless steel from mild steel

300 x 300 x 10mm stiffening plate secured to base plate with 8mm continuous fillet weld

50mm diameter 345mm long galvanised steel rod welded base plate with 8mm leg continuous fillet weld

900 x 900 x 6mm galvanised mild steel base plate. The location of fixing holes in each plate will vary to suit joist locations. Holes to accommodate 10mm diameter 100mm long stainless steel coach screws (3 No screws in each joist spaced 50mm from edge and at 400mm centres). A template for each base plate is to be created and marked on site to accurately locate the holes in each base plate in relation to joist locations. Holes to be drilled prior to galvanising the base plate

Base plate and post to be galvanised as NBS clause L30.100 specification number 0022 after fixing holes have been drilled



300 x 300 x 10mm stiffening plate fixed to top of base plate with 8mm continuous fillet weld

Base plate and post to be galvanised as NBS clause L30.100 specification number 0022 after fixing holes have been drilled

Section

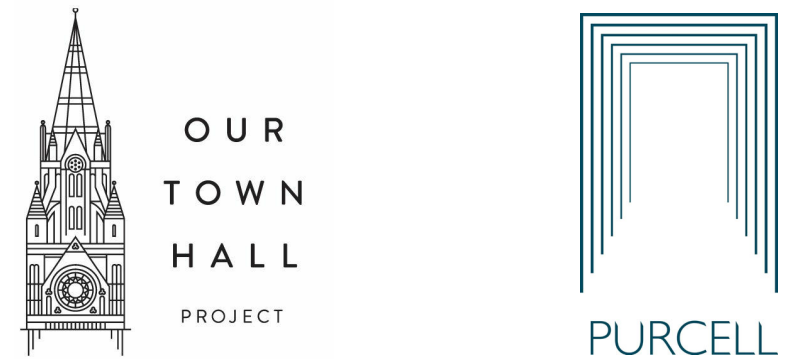
Scale Bars to be used as guidance only - refer to sheet size below

1:100	mm	1000	3000	5000	7000	
1:200	mm	5000	8000	10000	12000	
1:500	M	5	15	25	35	
1:1250	M	10	30	50	70	90

Notes:
Drawings are based on survey data and may not accurately represent what is physically present.
Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.
All dimensions are in millimeters unless noted otherwise.
Purcell shall be notified in writing of any discrepancies.

Revision 01: Thickness of base plate increased from 5mm to 6mm, stiffening plate added on top of base plate, central fixing bolt and eye bolt changed from M12 to M16 and additional notes added cross referencing galvanising specification and plan views of roof WR23

	14/03/2024	JC	GR	First issue
01	07/05/2024	JC	GR	See note in revision cloud
ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION



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PROJECT STATUS	RIBA stage 5
CLIENT	Manchester City Council
PROJECT	Our Town Hall
DRAWING TITLE	Roof WR23 south, east and west base plates for flagpole stay wires
SIZE & SCALE	A2: 1 : 5
DRAWING STATUS	S4 Construction
JOB NUMBER	236959
DRAWING NO.	OTH-PUR-TH-RF-DWG-A-7457 01
REV	

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