

Scope of works - Roof

General Note:  
Design intent for the supporting structure, follows the general principals set out in ARUP drawing:  
HSBCCM-ARP-XX-40-DR-M-154801.

R.01 The roof canopy system over the new dry air coolers, are formed using using standard clear rigid polycarbonate sheets and powder coated aluminium glazing bars. The support posts are universal hot dipped columns with welded tapered vertical flanges, the roof sections are from SHS and the canopy stop ends formed using PFC's. See drawing 'A(02)20' for structural layout. All structural elements sizing & bracing/haunches to be confirmed by the S.E.

R.02 Aluminium rainwater goods mechanically fixed to the eaves SHS. All proposed steelwork to have a galvanised anti corrosion pre-finish treatment.

R.03 Access gantry floor to follow S.E.'s details and to include integrated galvanised steel handrail guarding to the perimeter of the plant deck and access steps to British Standards. The access floor is to be inset with 1000 x 1500mm 15 x 30mm Mesh/25 x 2mm Elefant galvanised steel grating panels or similar approved system.

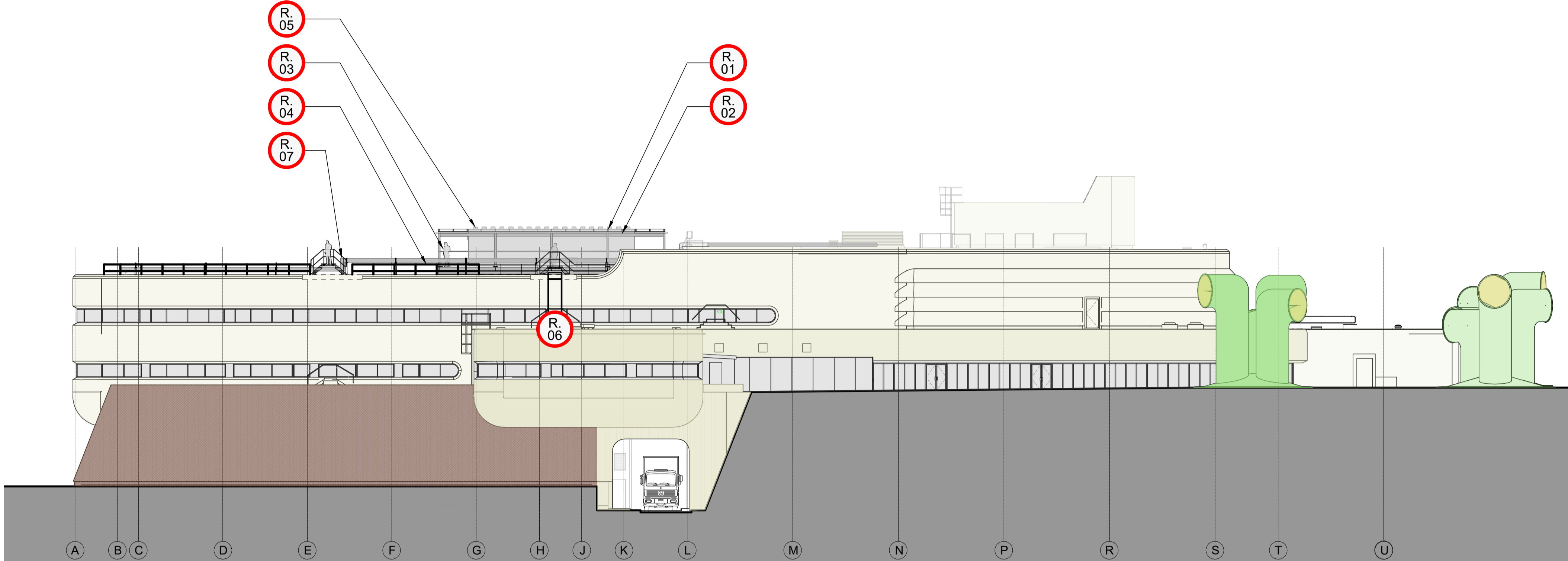
R.04 Telescopic guardrail system with a fixing system that can be integrated with the existing gantry rail.

R.05 Two new Dry Air Chillers to replace existing plantroom equipment. Final specification to be confirmed by ARUP/specialist subcontractor.

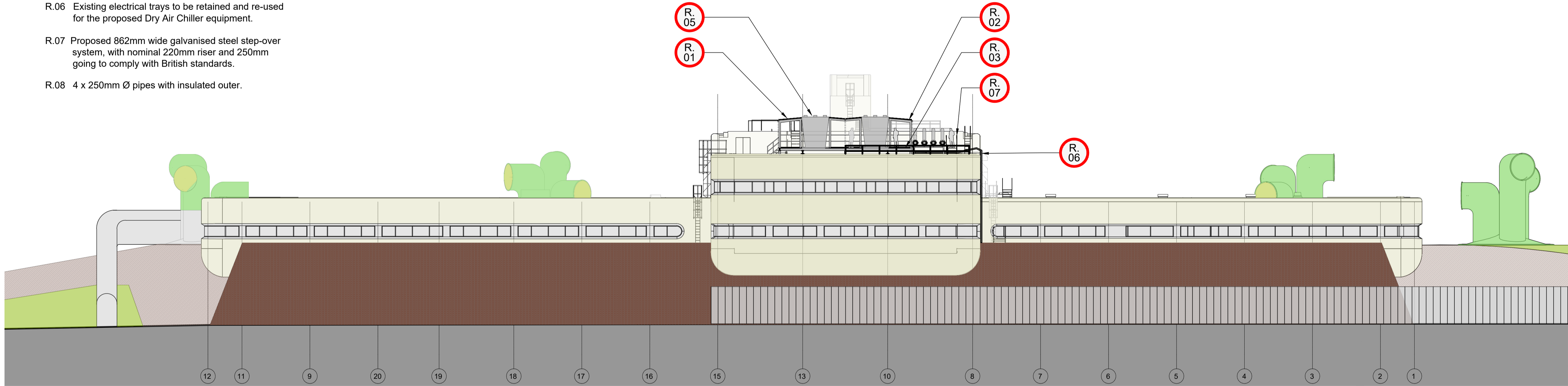
R.06 Existing electrical trays to be retained and re-used for the proposed Dry Air Chiller equipment.

R.07 Proposed 862mm wide galvanised steel step-over system, with nominal 220mm riser and 250mm going to comply with British standards.

R.08 4 x 250mm Ø pipes with insulated outer.



E03 WEST ELEVATION



E04 NORTH ELEVATION

P2 Updated to reflect phased changes to the roof | by LJR 26.03.2024  
P1 PRELIMINARY DRAWING ISSUE | by LJR 18.03.2024  
FILE Drawing1.dwg TAB | A(04)11 Last Printed DD.04.2024 15:11:54



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SYGDC  
TANKERSLEY

PROPOSED  
Elevations

A1 Scale	A3 Scale	Date	Drawn By	RIBA
1:200	1:400	----	LJR	Chartered
Project Number	Drawing Number	Revision		
27708	A(04)11	P2		

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