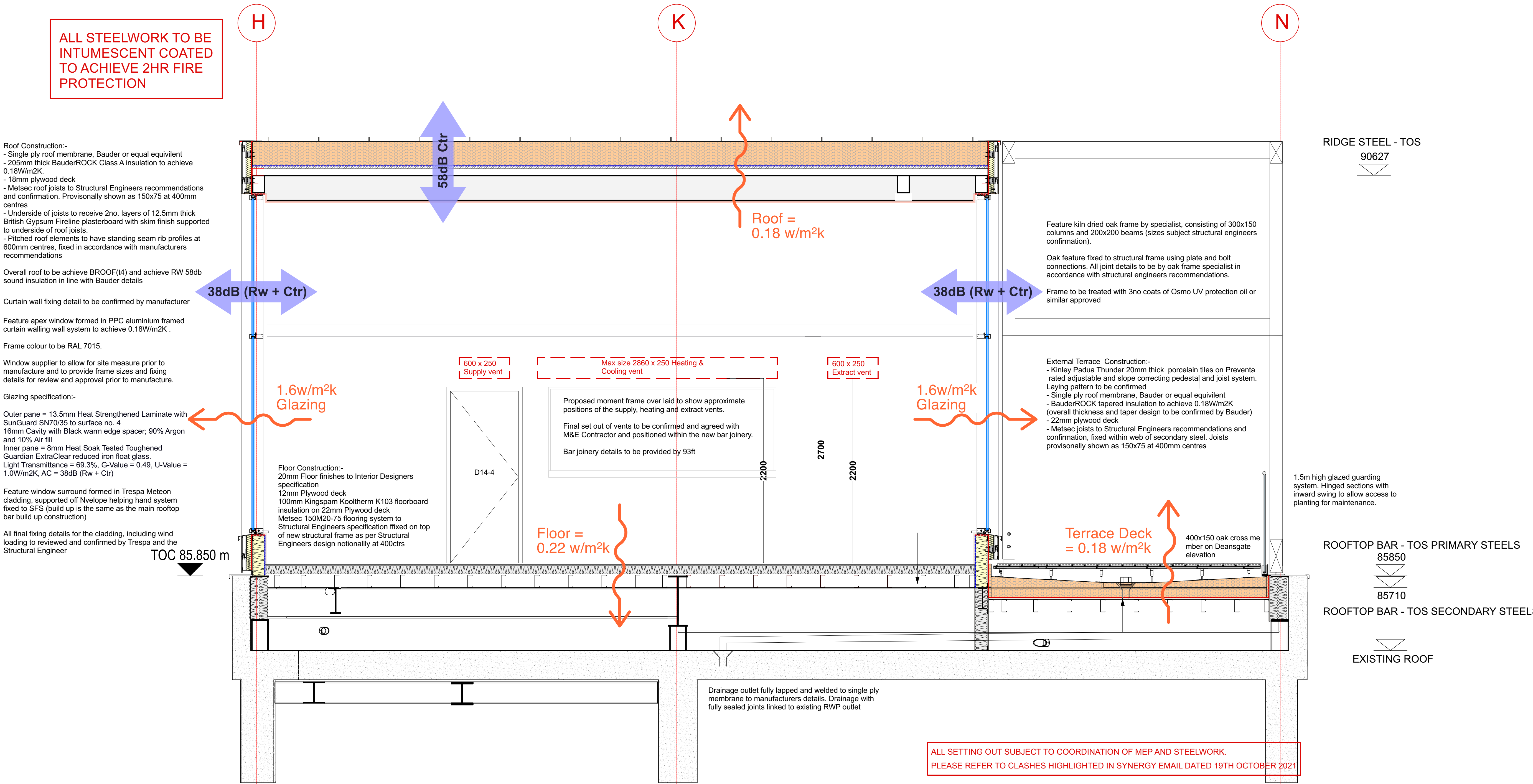
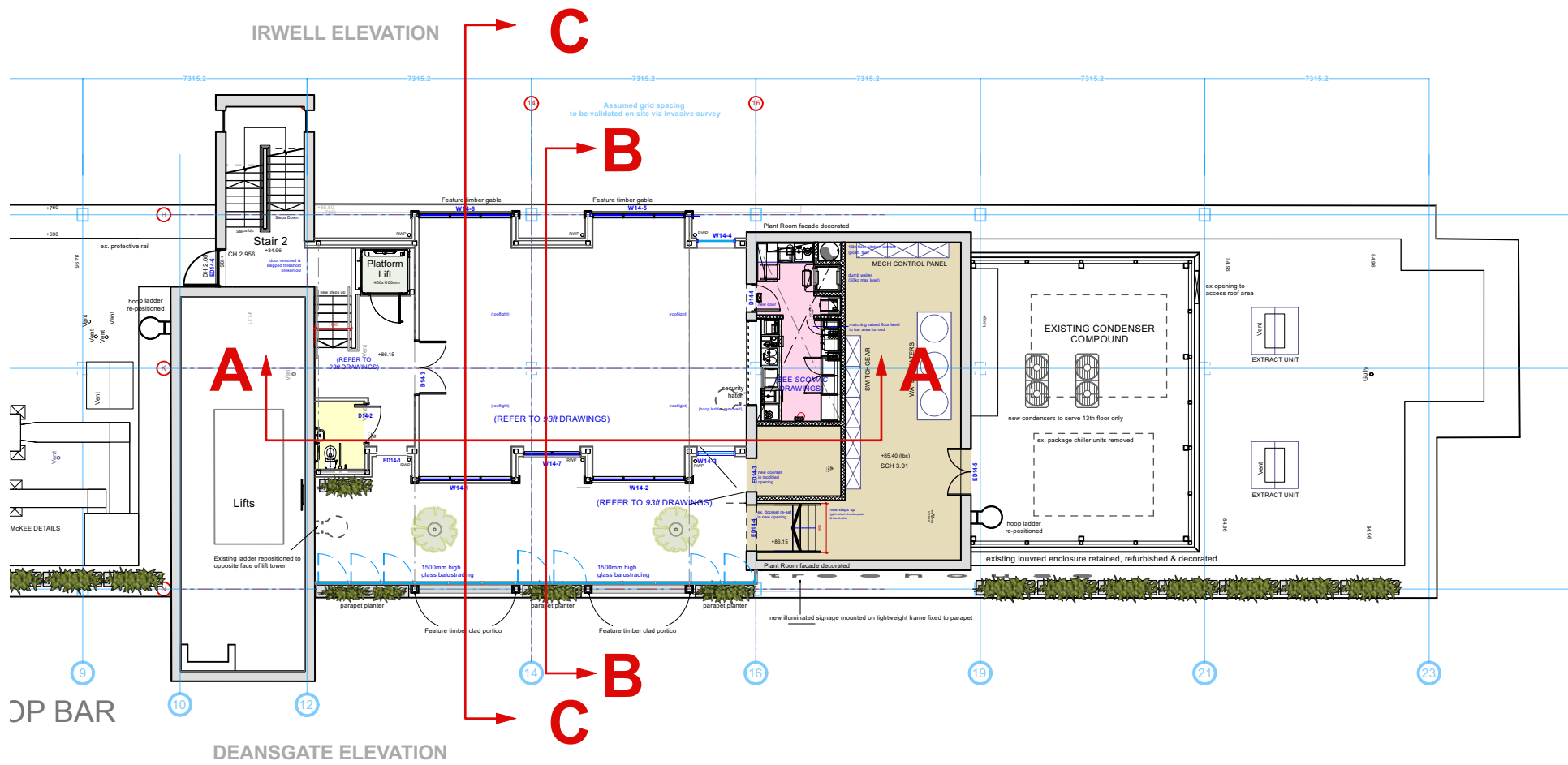


PRELIMINARY ISSUE FOR OUTLINE PRICING AND CO-ORDINATION



Roof Construction:-
- Single ply roof membrane, Bauder or equal equivalent
- 205mm thick BauderROCK Class A insulation to achieve 0.18W/m²K.
- 18mm plywood deck
- Metsec roof joists to Structural Engineers recommendations and confirmation. Provisionally shown as 150x75 at 400mm centres
- Underside of joists to receive 2no. layers of 12.5mm thick British Gypsum Fireline plasterboard with skim finish supported to underside of roof joists.
- Pitched roof elements to have standing seam rib profiles at 600mm centres, fixed in accordance with manufacturers recommendations

Overall roof to be achieve BROOF(t4) and achieve RW 58db sound insulation in line with Bauder details

Curtain wall fixing detail to be confirmed by manufacturer

Feature apex window formed in PPC aluminium framed curtain walling wall system to achieve 0.18W/m²K .

Frame colour to be RAL 7015.

Window supplier to allow for site measure prior to manufacture and to provide frame sizes and fixing details for review and approval prior to manufacture.

Glazing specification:-

Outer pane = 13.5mm Heat Strengthened Laminate with SunGuard SN70/35 to surface no. 4
16mm Cavity with Black warm edge spacer; 90% Argon and 10% Air fill
Inner pane = 8mm Heat Soak Tested Toughened Guardian ExtraClear reduced iron float glass.
Light Transmittance = 69.3%, G-Value = 0.49, U-Value = 1.0W/m²K, AC = 38dB (Rw + Ctr)

Feature window surround formed in Trespa Meteon cladding, supported off Nvelope helping hand system fixed to SFS (build up is the same as the main rooftop bar build up construction)

All final fixing details for the cladding, including wind loading to reviewed and confirmed by Trespa and the Structural Engineer

Feature kiln dried oak frame by specialist, consisting of 300x150 columns and 200x200 beams (sizes subject structural engineers confirmation).

Oak feature fixed to structural frame using plate and bolt connections. All joint details to be by oak frame specialist in accordance with structural engineers recommendations.

Frame to be treated with 3no coats of Osmo UV protection oil or similar approved

External Terrace Construction:-
- Kinley Padua Thunder 20mm thick porcelain tiles on Preventa rated adjustable and slope correcting pedestal and joist system. Laying pattern to be confirmed
- Single ply roof membrane, Bauder or equal equivalent
- BauderROCK tapered insulation to achieve 0.18W/m²K (overall thickness and taper design to be confirmed by Bauder)
- 22mm plywood deck
- Metsec joists to Structural Engineers recommendations and confirmation, fixed within web of secondary steel. Joists provisionally shown as 150x75 at 400mm centres

RIDGE STEEL - TOS

90627

1.5m high glazed guarding system. Hinged sections with inward swing to allow access to planting for maintenance.

ROOFTOP BAR - TOS PRIMARY STEELS

85850

85710

ROOFTOP BAR - TOS SECONDARY STEELS

EXISTING ROOF

Drainage outlet fully lapped and welded to single ply membrane to manufacturers details. Drainage with fully sealed joints linked to existing RWP outlet

ALL SETTING OUT SUBJECT TO COORDINATION OF MEP AND STEELWORK.
PLEASE REFER TO CLASHES HIGHLIGHTED IN SYNERGY EMAIL DATED 19TH OCTOBER 2021

Proposed Roof Terrace Section C-C
(1:25@A1)

P1	30.03.22	Drawing and titleblock updated to Calma Group naming conventions for Aconex	PB	PB
Rev.	Date	Description	By	Appr.



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Project	TREEHOUSE HOTEL MANCHESTER		
Document reference	THM1-001-014-DR-A-2.110		
Status	PRELIMINARY		
Drawing	Proposed Roof Terrace Section C-C		
Scale	1:25 @ A1	Date	05/11/21
		By	PB
		Approved	DB
Synergy Job No.	SA813	Synergy Drawing No.	2.110
		Revision	P1

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