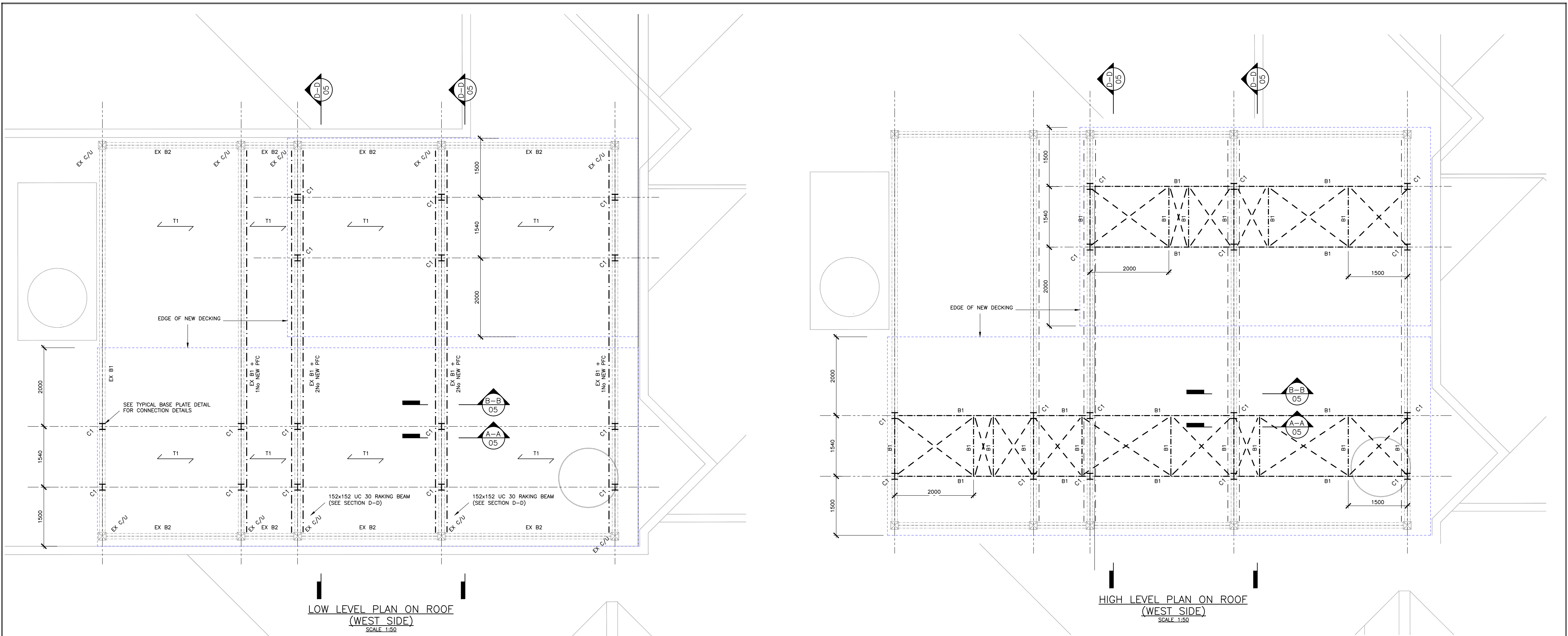




LOW LEVEL PLAN ON ROOF
(WEST SIDE)
SCALE 1:50

HIGH LEVEL PLAN ON ROOF
(WEST SIDE)
SCALE 1:50

CONTRACTOR TO PROVIDE TEMPORARY PROPPING DURING WORKS – ALL TEMPORARY WORKS TO CONTRACTORS DESIGN

NOGGINGS SHOULD HAVE A MAXIMUM SPACING OF 2.25m. PROVIDE NOGINGS AT SUPPORTS AND AT LEAST ONE AT MIDSPAN OF JOISTS.

STEEL MEMBERS IN CONTACT WITH THE WEATHER SHOULD BE GALVANISED

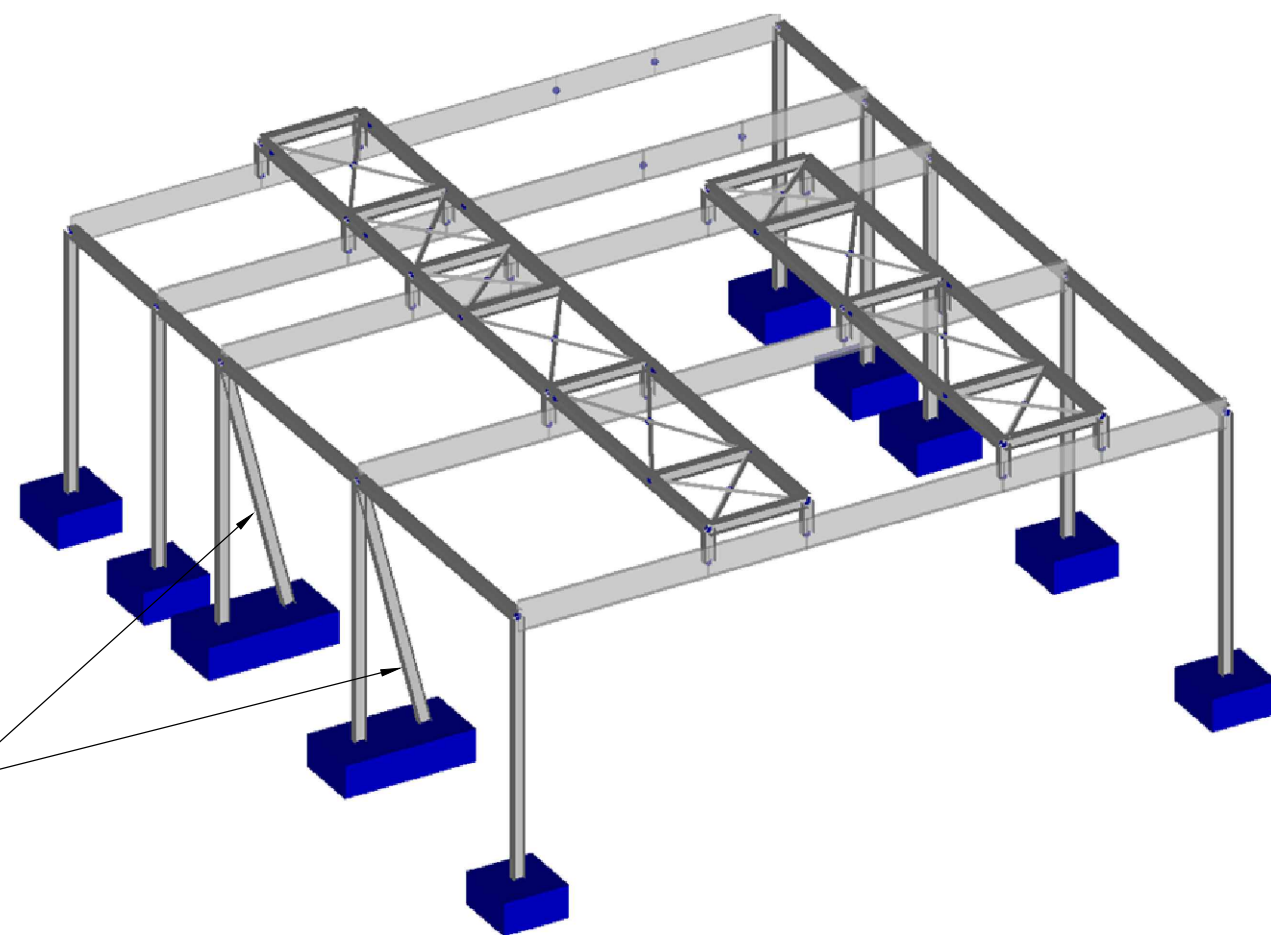
ALL STEEL BEAMS TO BE GRADE S355
ALL BOLTS M20 GRADE 8.8 & STEEL GRADE S355 UNO
ALL STEEL PLATES TO BE GRADE EXCLUDING PLATE S275

BEFORE ORDERING ANY MATERIALS, THE CONTRACTOR SHOULD CHECK AND CONFIRM ALL DIMENSIONS.
THE CONTRACTOR SHOULD SUBMIT THEIR DRAINAGE SCHEME FOR APPROVAL TO HPM

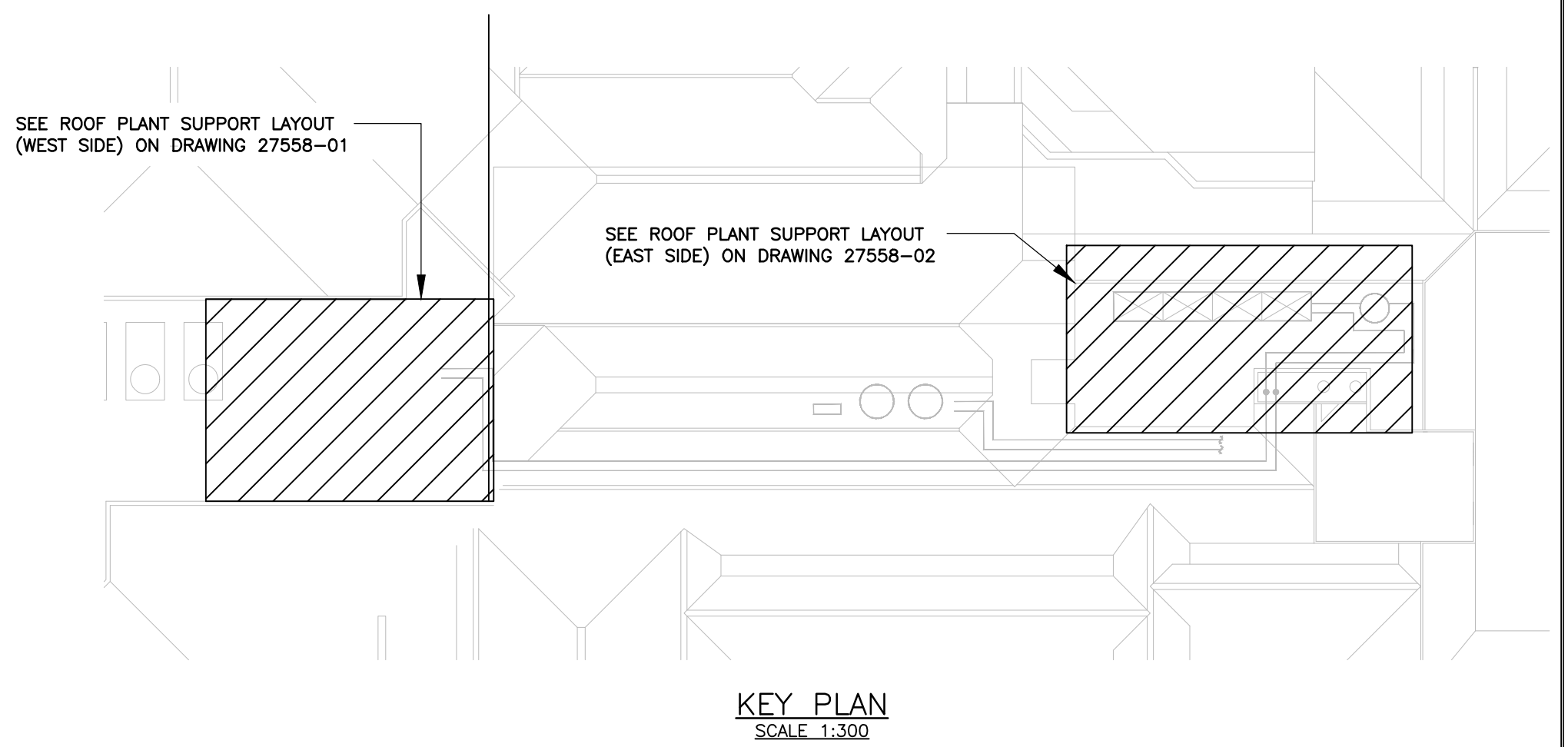
EXISTING BRACING MUST NOT BE REMOVED

KEY	
EX B1	EXISTING CASTELLATED BEAM
EX B2	EXISTING STEEL BEAM
EXISTING BEAM STRENGTHENED WITH 2No. 380x100 PFC S355	
C1	NEW STUB COLUMN 152x152 UC30 S355
T1	250x50mm C24 JOIST @ MAX 300c/c, 150mm BEARINGS AT SUPPORTS
EX C/U	EXISTING COLUMN UNDER
B1	NEW 152x152 UC30 S355
	NEW HORIZONTAL BRACING 60x60x6 RSA S355

NEW BEAMS HAVE BEEN DESIGNED FOR A MAXIMUM DEFLECTION OF 30mm



INDICATIVE 3D VIEW ON NEW STRUCTURE
NOT TO SCALE



KEY PLAN
SCALE 1:300

Status **PRELIMINARY**

No	Revision	By	Ckd	Psd	Dte

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS & ENGINEERS DRAWINGS, DETAILS AND SPECIFICATIONS.
- CDM DETAILS REFERS TO THE CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS. THE READER MUST REFER TO METHOD STATEMENTS OR RISK ASSESSMENTS AS APPROPRIATE, WHICH IDENTIFY UNUSUAL AND ABNORMAL RISKS THAT A COMPETENT CONTRACTOR COULD NOT BE EXPECTED TO ANTICIPATE.

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ARCHITECT	
CDM DETAILS (Refer to Note 2)	ENG
WELDING MUST BE UNDERTAKEN BY A QUALIFIED PERSON	SO
Scale AS SHOWN AT A1	
Drawn DH	Checked SO
Passed DMC	Date OCT 2023

Project LONDON BOROUGH OF HILLINGTON CIVIC CENTRE
Title ROOF PROPOSED STEELWORK (WEST SIDE)
Drawing No. 27558-01 P1