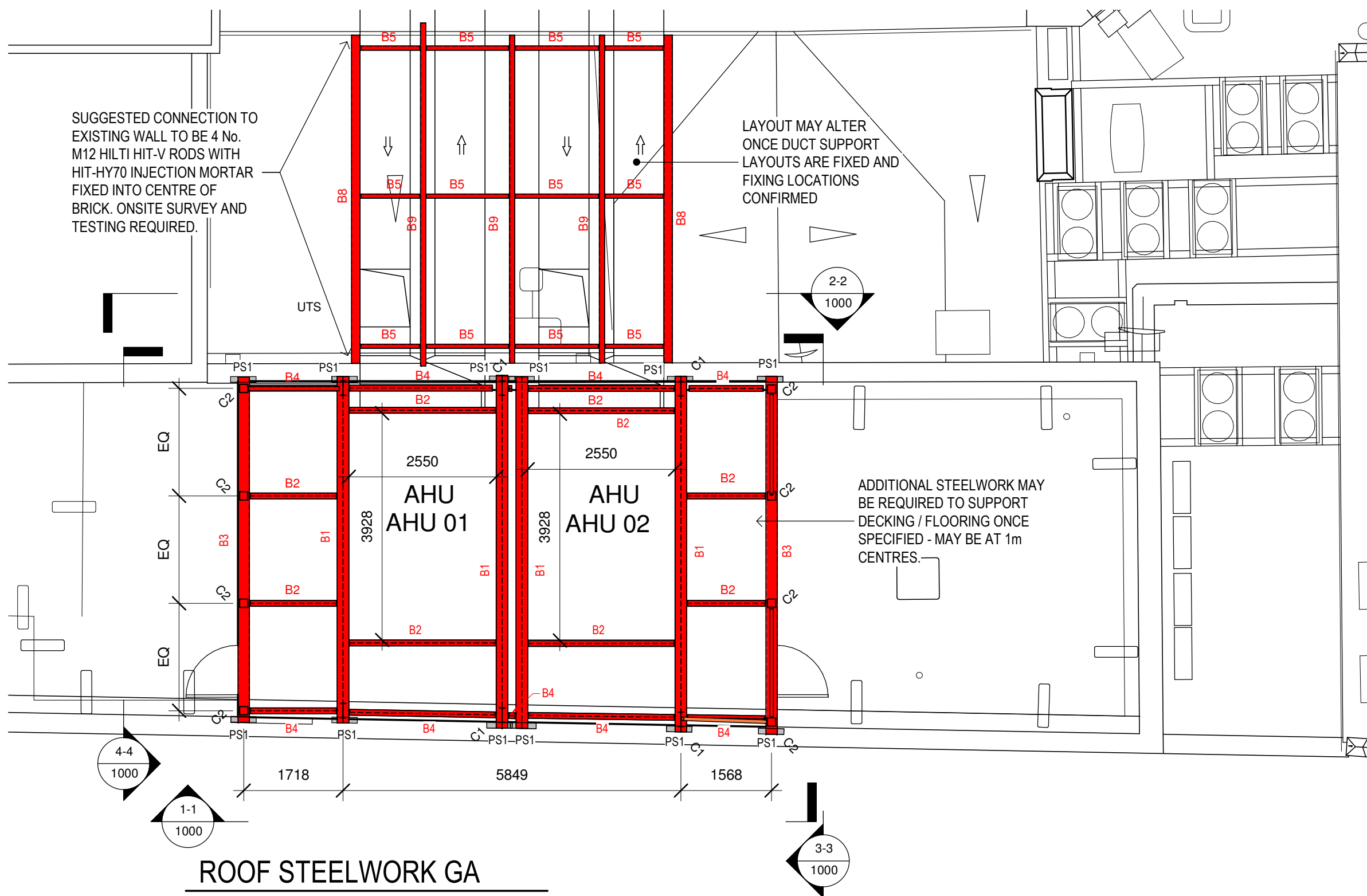
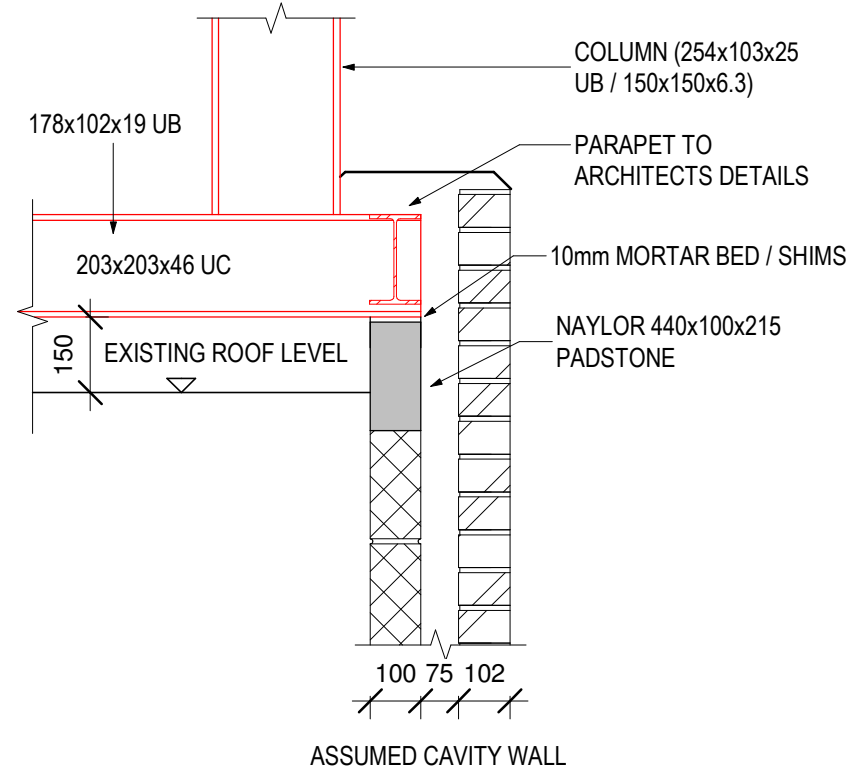




ROOF STEELWORK GA

1:75



SECTION

KEY:

— - DENOTES NEW STEEL BEAM TO BE INSTALLED

V = - DENOTES BEAM END REACTION TO DESIGN STEEL TO STEEL CONNECTION.

PS1 = - DENOTES NAYLOR 440x100x215 PADSTONE SAT ON THE INNER LEAF (TBC ON WALL INVESTIGATION)

B1 = - DENOTES 203x203x46 UC

B2 = - DENOTES 203x102x23 UB

B3 = - DENOTES 200x200x6.3 SHS

B4 = - DENOTES 178x102x19 UB

B5 = - DENOTES 150x75x18 PFC

B6 = - DENOTES 60.3x3.2 CHS BRACING

B7 = - DENOTES 100x100x4 SHS

B8 = - DENOTES 150x150x6.3 SHS

B9 = - DENOTES 200x90x30 PFC

C1 = - DENOTES 254x103x25 UB COLUMN

C2 = - DENOTES 150x150x6.3 SHS COLUMN

DO NOT SCALE

GENERAL NOTES:

THE ENGINEERS DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS, SPECIFICATIONS, REPORTS AND METHOD STATEMENTS

ALL DIMENSIONS ARE GIVEN IN MILLIMETRES AND ALL LEVELS ARE GIVEN IN METRES AOD UNLESS NOTED OTHERWISE. DIMENSIONS ARE NOT TO BE SCALED FROM THE DRAWINGS.

ALL DIMENSIONS ARE PROVIDED IN ACCORDANCE WITH THE RELEVANT CLIENT PROPOSED BUILDING LAYOUT DWG'S. DIMENSIONS OF NEW STEELWORK ARE SUBJECT TO CONFIRMATION BY SITE MEASUREMENT THIS SHALL BE CARRIED OUT BY THE CONTRACTOR PRIOR TO FABRICATION AND CONSTRUCTION.

STEELWORK NOTES:

ALL STEELWORK IS TO BE GRADE S355 IN ACCORDANCE WITH BS EN 1993 AND ALL BOLTS TO BE GRADE 8.8.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND SEQUENCES ESPECIALLY IN RELATION TO TEMPERATURE DIFFERENTIALS, ERECTION TOLERANCES AND TEMPORARY STABILITY.

THE STEELWORK CONTRACTOR SHALL DESIGN AND SUBMIT CALCULATIONS FOR ALL STEEL TO STEEL CONNECTIONS INCLUDING THOSE FULLY DETAILED ON THE ENGINEERS DRAWINGS. CALCULATIONS SHALL CONFORM TO THE REQUIREMENTS OF BS EN 1993-1-8

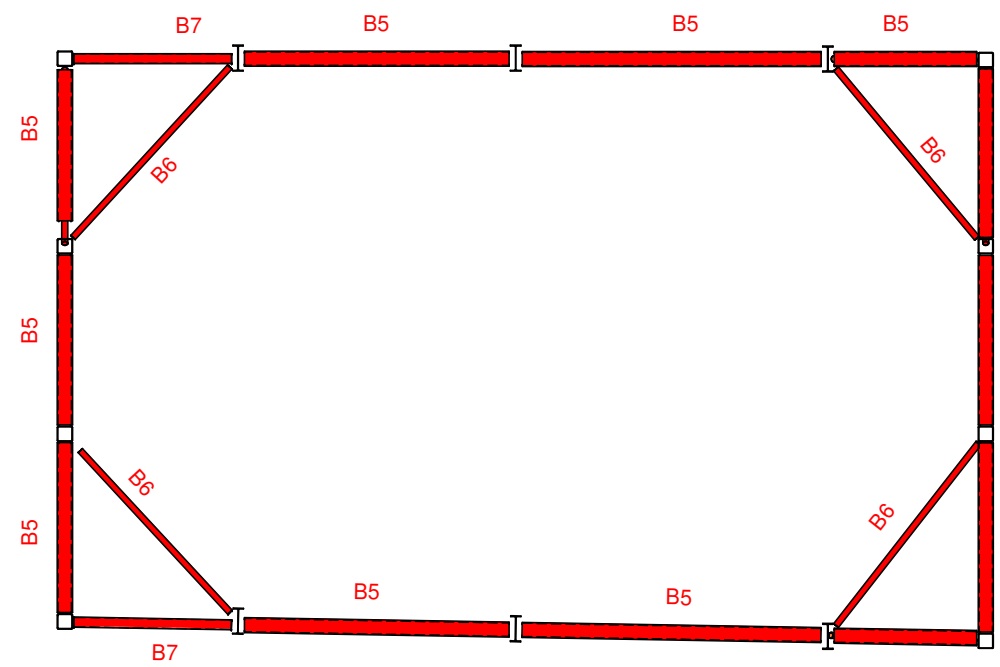
THE STEELWORK CONTRACTOR SHALL DESIGN CONNECTIONS FOR THE LOADS AND CRITERIA GIVEN ON THE DRAWINGS

BEAM END REACTIONS SHOWN ON THE DRAWINGS ARE ULTIMATE LIMIT STATE LOADS. UNLESS NOTED OTHERWISE THE CONNECTIONS SHALL BE DESIGNED FOR THE FORCES AND MOMENTS SHOWN ACTING CONCURRENTLY - TBC

ALL STEELWORK TO BE GALVANISED TO BS EN ISO 1461

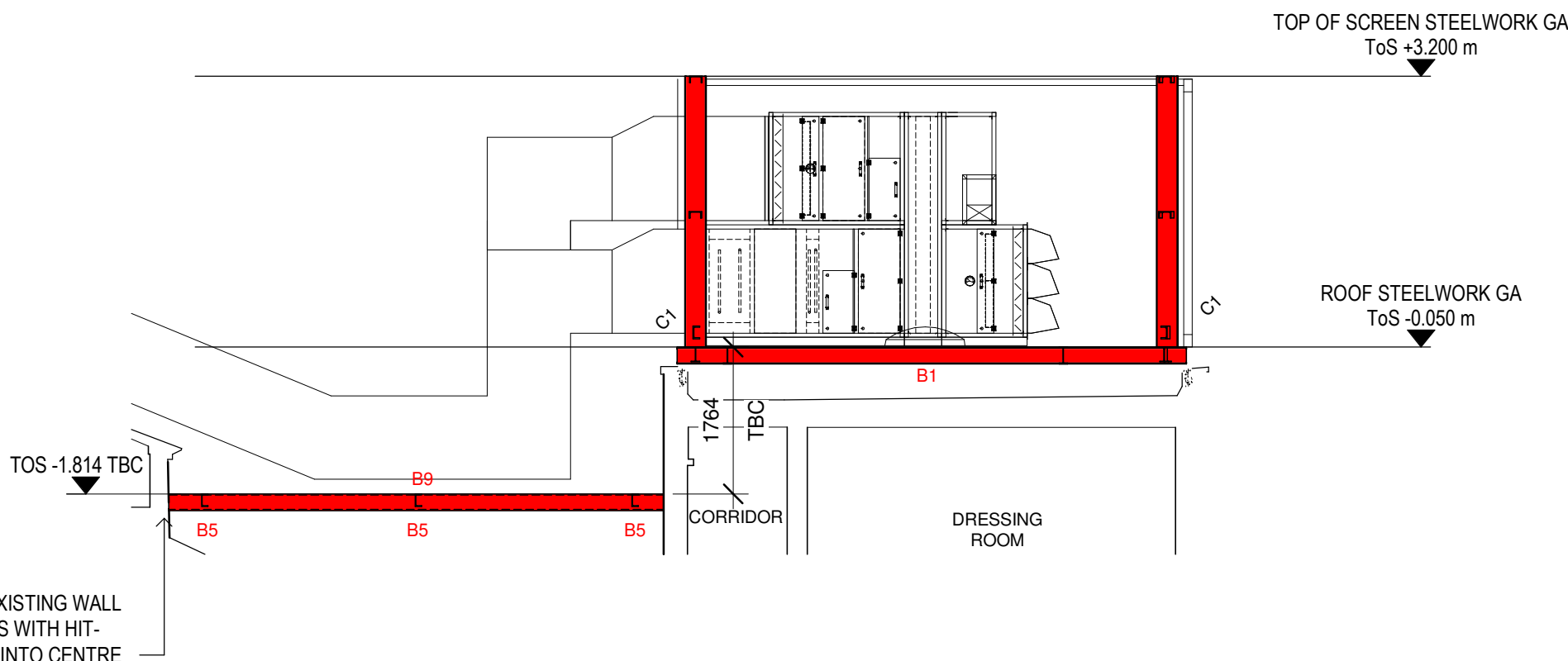
ALL DIMENSIONS TO BE CONFIRMED ON SITE

ALL STEELWORK LOCATIONS AND EXISTING ROOF STRUCTURE RELEVANT TO THE WORKS IS TO BE SITE MEASURED PRIOR TO FABRICATION OF THE ELEMENTS.



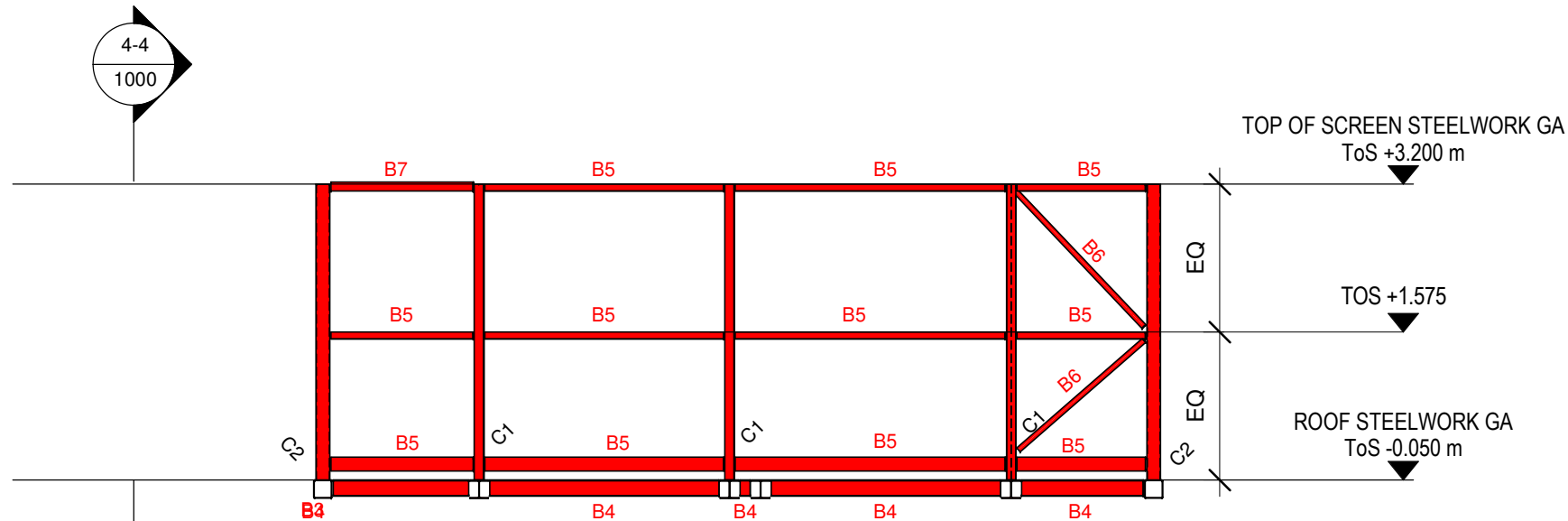
TOP OF SCREEN STEELWORK GA

1:75



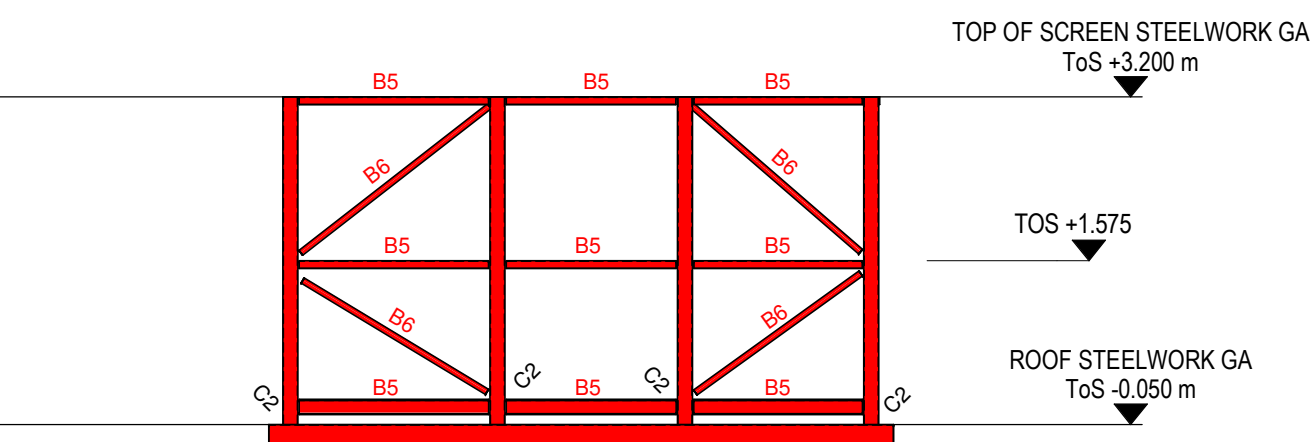
ROOF SECTION

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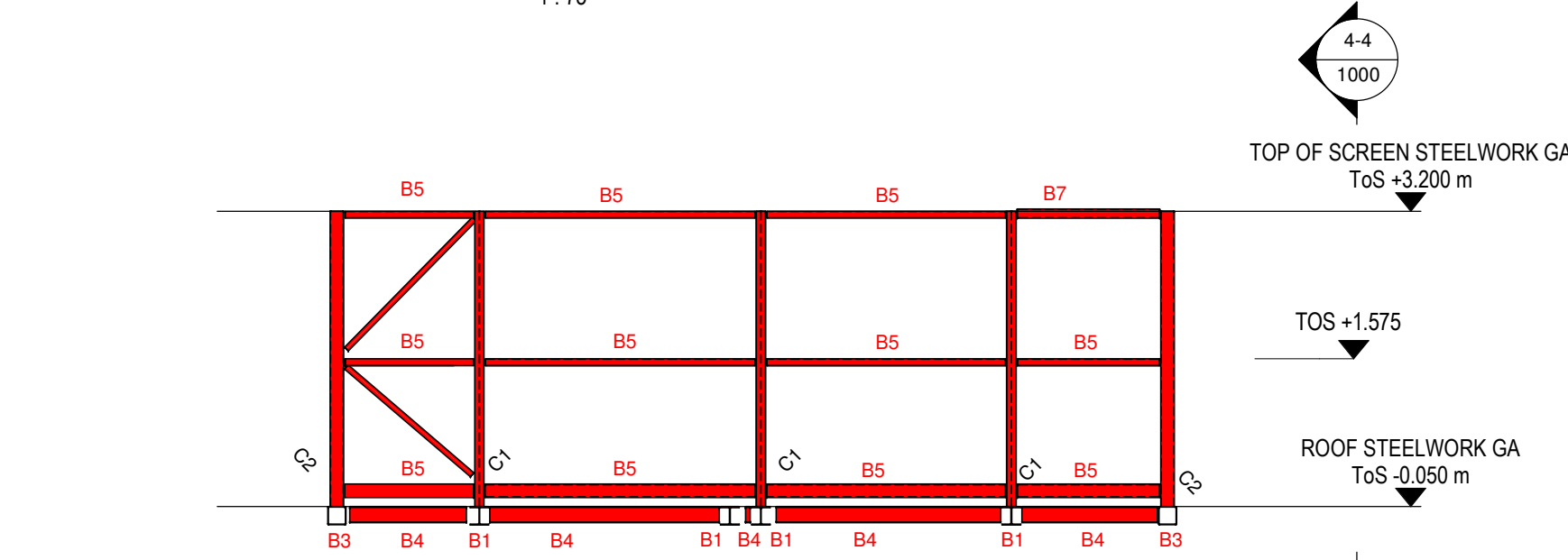
ELEVATION 1 - 1

1:75



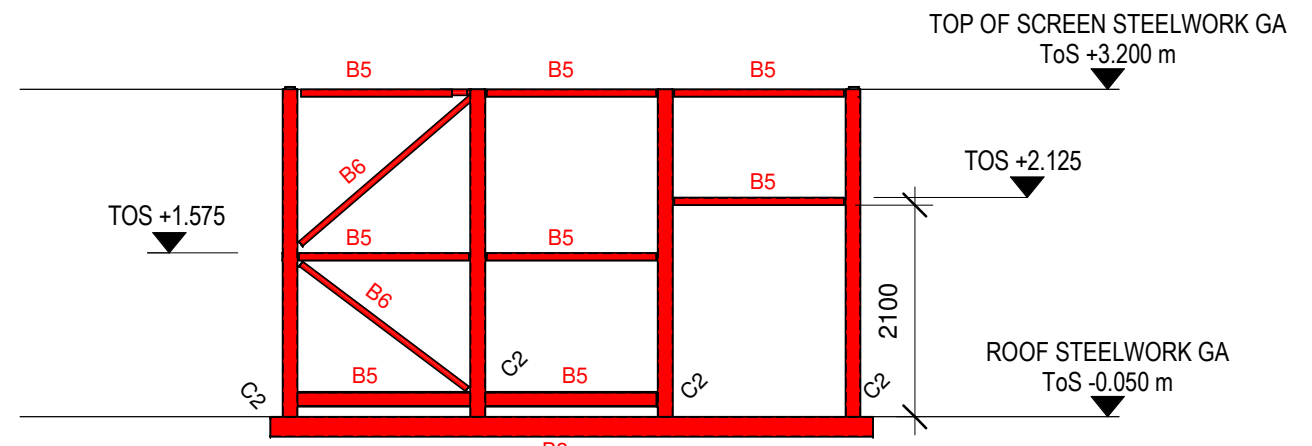
ELEVATION 3 - 3

1:75



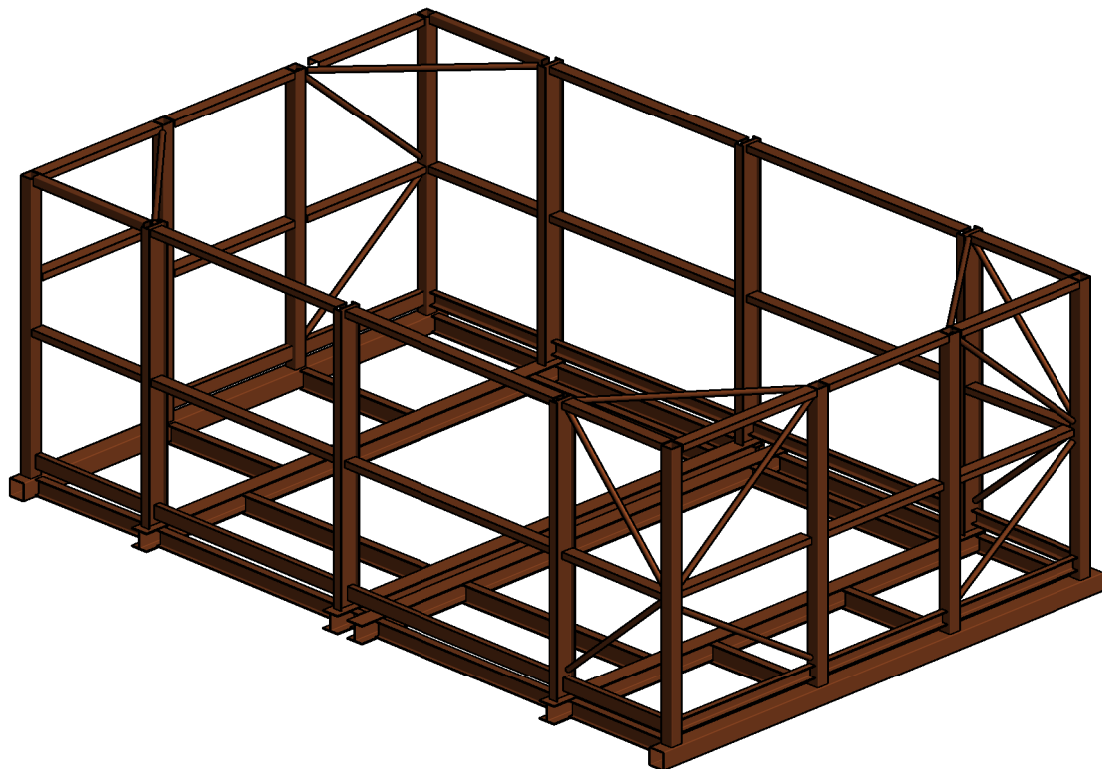
ELEVATION 2 - 2

1:75



ELEVATION 4 - 4

1:75



3D VIEW

P04	09.01.23	ND	SCHEME UPDATED	DG	MB
P03	17.08.22	ND	SCHEME UPDATED	DG	MB
P02	20.07.22	ND	AMENDED AS CLOUDED	DG	MB
P01	13.07.22	ND	ISSUED FOR TENDER	DG	MB
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: TENDER					
					
TEL: 0113 380 5345					
CLIENT: ATG					
ARCHITECT: OSBORNES CHARTERED ARCHITECTS					
PROJECT: PALACE THEARTE					
TITLE: ROOF TOP PLANT SUPPORT STEELWORK GA'S & ELEVATIONS					
SCALE @ A1: AS SHOWN		CHECKED: DJG		APPROVED: AW	
PROJECT NUMBER: 2021L1068		DESIGNED: CQ		DATE: JULY 2022	
DRAWING No: L1242-ROS-XX-ZZ-DR-S-1000		REV: P04			