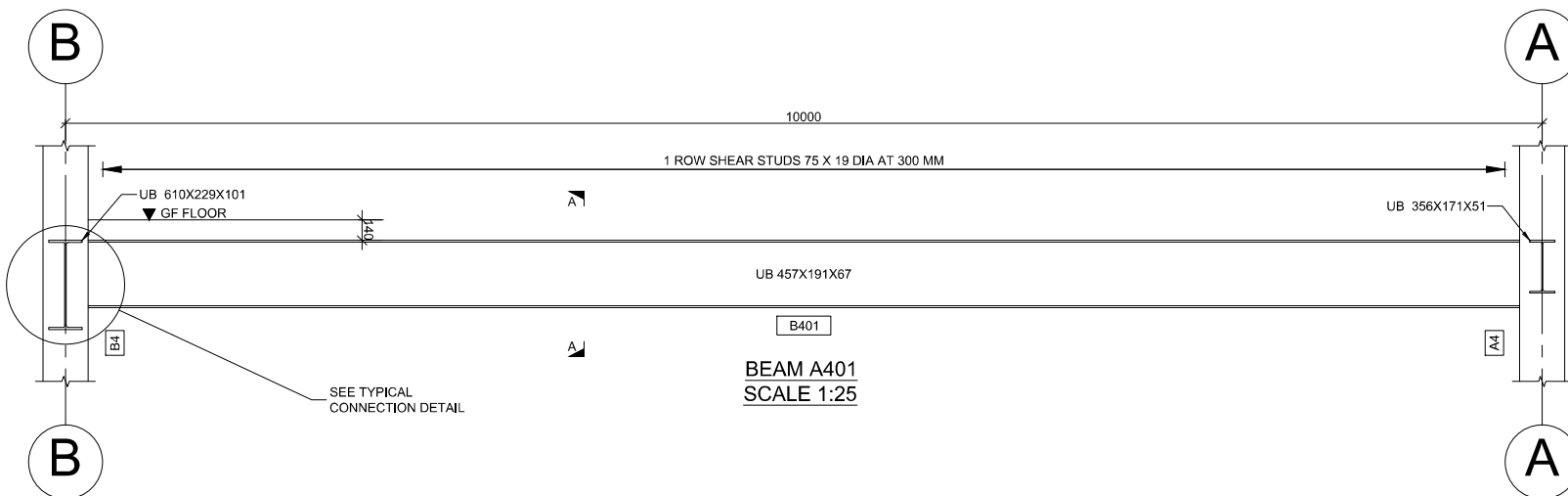
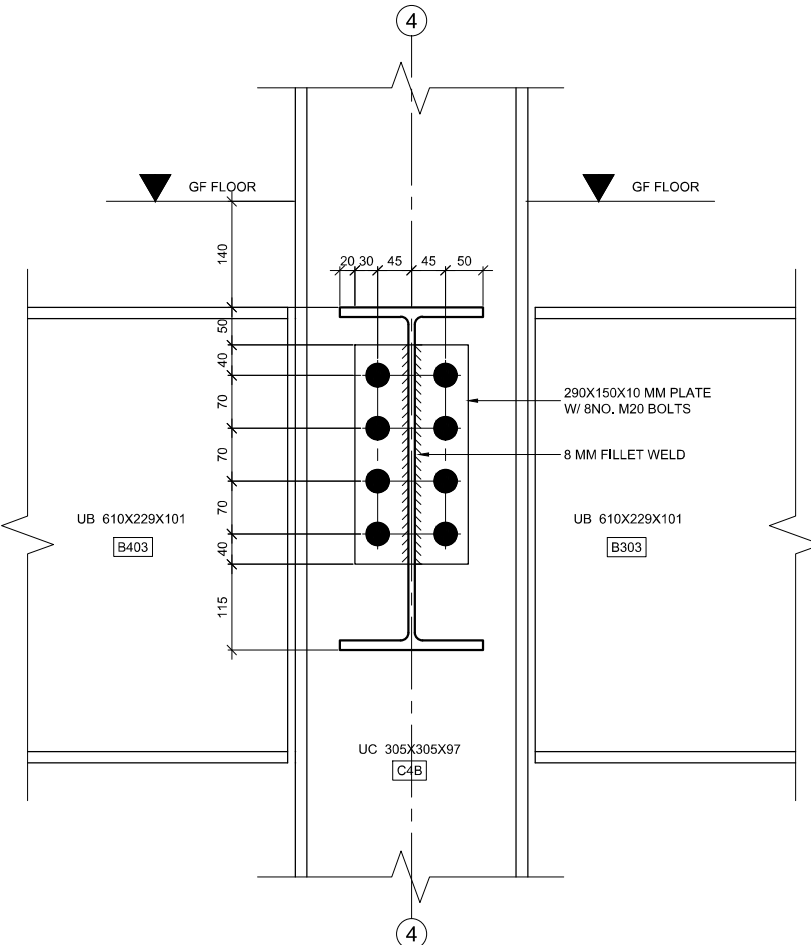


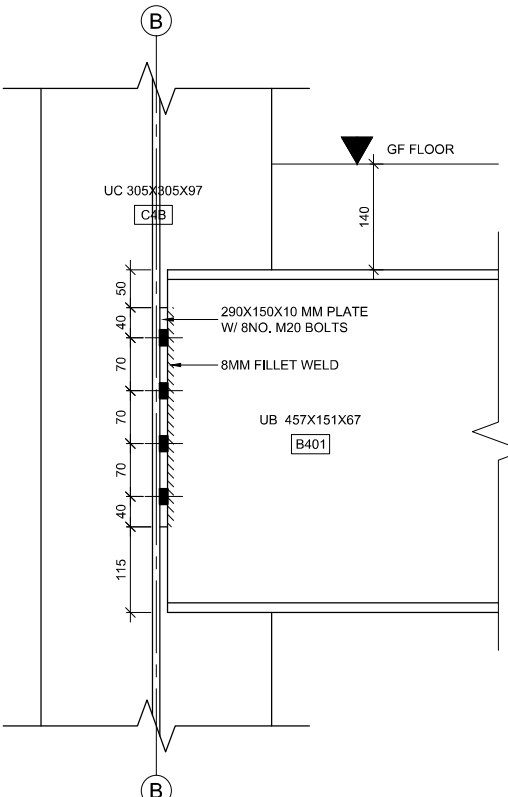
SUB-STRUCTURE LAYOUT PLAN  
SCALE 1:100



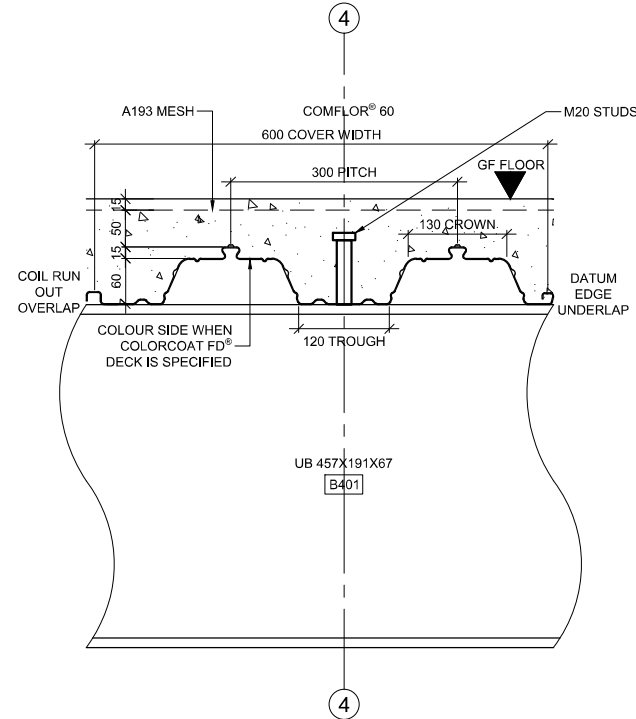
BEAM A401  
SCALE 1:25



TYPICAL CONNECTION DETAIL  
SCALE 1:5



TYPICAL CONNECTION  
DETAIL ELEVATION  
SCALE 1:5



SECTION A-A  
SCALE 1:5

NOTES	
1. All dimensions are in millimeters, unless otherwise stated.	
2. This drawing must not be scaled, only figured dimensions should be used.	
3. This drawing must be read in conjunction with relevant Architectural drawings.	
4. All steel to BS EN 10025 grade S355.	
5. All beam marks to be at north or east end. All column marks to be on flange facing north or east.	
6. All beams at 140 below floor level except where shown in brackets e.g. (-580).	
7. ↔ indicates the direction of metal decking or cladding.	
CLIENT	
NAME:	
SIGN:..... DATE:.....	
PROJECT	
ENGM042 STEELWORK DRAWINGS	
DRAWING TITLE	
SUB-STRUCTURE DETAILS	
DRAWN BY:	
ALLAN NDUBI MAUGO	
CHECKED BY:	
NAME: ..... DATE: ..... SIGN: .....	
SHOP DRAWINGS	
UNIVERSITY OF SURREY	
ISSUE DATE	JAN, 2025
DRAWING NO.	001 - SHT 001