

**STEELWORK NOTES**

ALL STRUCTURAL STEELWORK SHALL BE IN ACCORDANCE WITH BS 5950 AND BS EN 10025 OR BS EN 10025-2. THE FOLLOWING GRADES SHALL BE PROVIDED:  
BEAMS: GRADE S355 JR

ALL STEELWORK TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH BS EN ISO 1461.

ALL STEELWORK TO BE SHOT BLASTED AND GALVANISED IN ACCORDANCE WITH BS EN ISO 1461.

ALL STEELWORK TO BE VISUALLY INSPECTED FOLLOWING GALVANISING PROCESS FOR CRACKING/DEFECTS. INSPECTION TO BE UNDERTAKEN BY SUITABLY QUALIFIED PERSONNEL AS DEFINED BY THE N.S.S.

BOLTED CONNECTIONS SHALL, UNLESS NOTED OTHERWISE, BE DESIGNED TO TAKE FULL DESIGN LOADS. A MINIMUM OF FOUR BOLTS PER CONNECTION. ALL BOLTS ARE TO BE GRADE 8.8 TO BS 3692, UNLESS NOTED OTHERWISE. ALL HOT DIP SPONGE GALVANISED TO BS 729 (OR EQUIVALENT BS EN STANDARD).

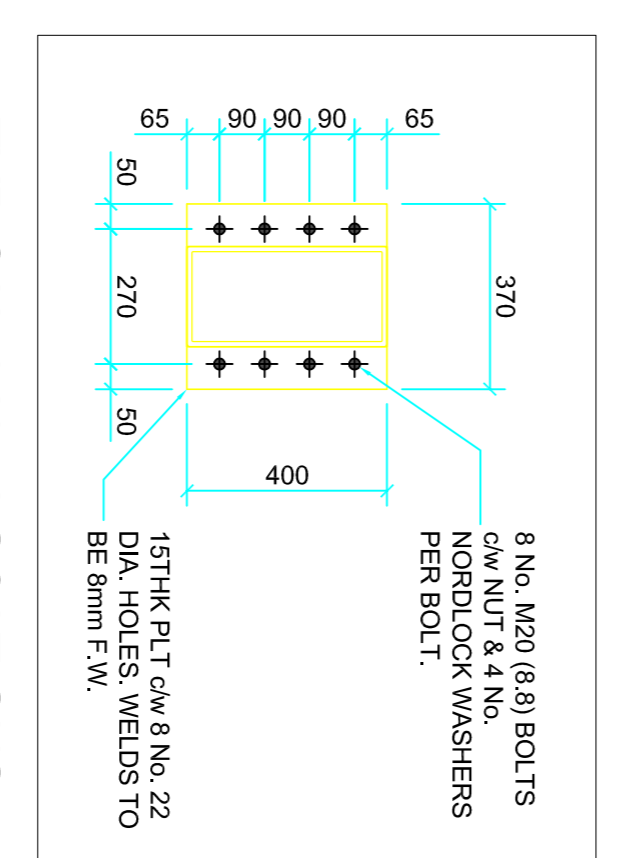
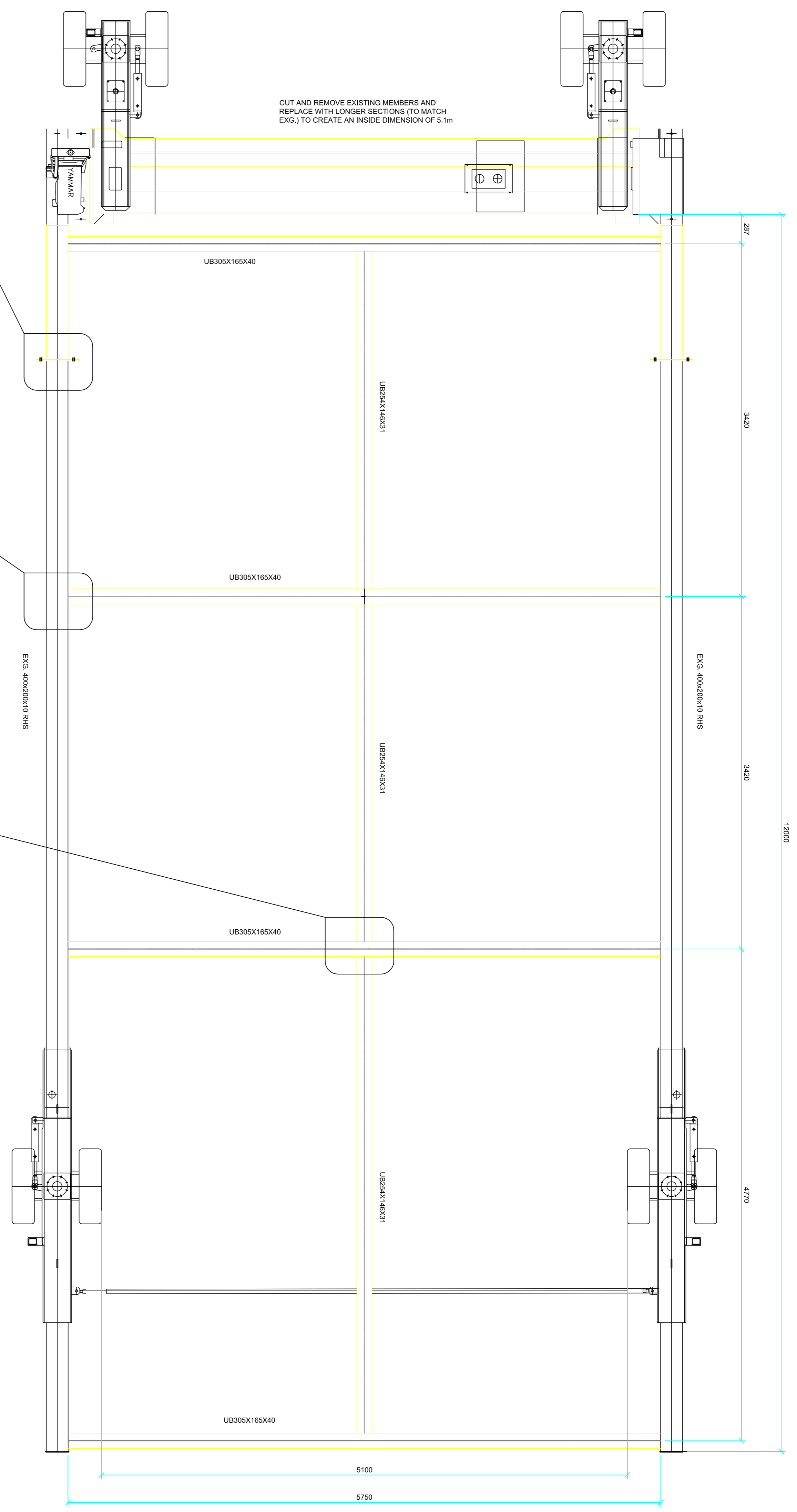
ALL STEELWORK TO FABRICATORS DRAWINGS AND DETAILS PRIOR TO COMMENCEMENT OF FABRICATION.

ALL STRUCTURAL STEELWORK TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION SPECIFICATION FOR BUILDING CONSTRUCTION LATEST EDITION.

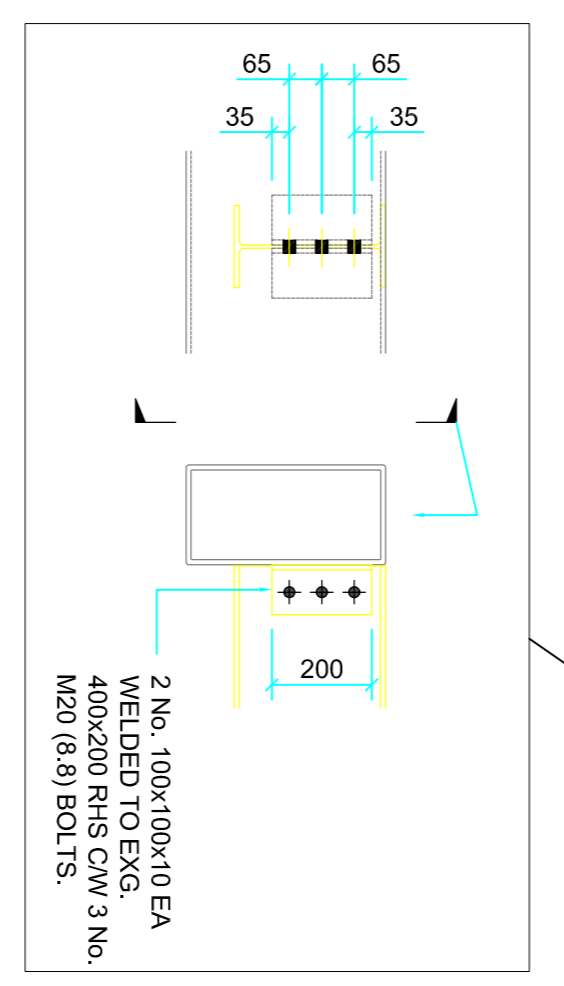
UNLESS NOTED OTHERWISE ALL STEELWORK IS TO BE GRADE S355 HOT ROLLED STEEL TO BS EN 10025 & 10025-2. THE SUB-GRADE IS TO BE DETERMINED IN ACCORDANCE WITH BS 5950.

ALL WELDING IS TO BE CARRIED OUT TO THE REQUIREMENTS OF BS 5135 AND BS 639. ALL WELDS ARE TO BE CONTINUOUS AND, WHEREVER POSSIBLE, FULL PROFILE. THE MINIMUM WELD SIZE TO BE USED IS 8MM FILLET.

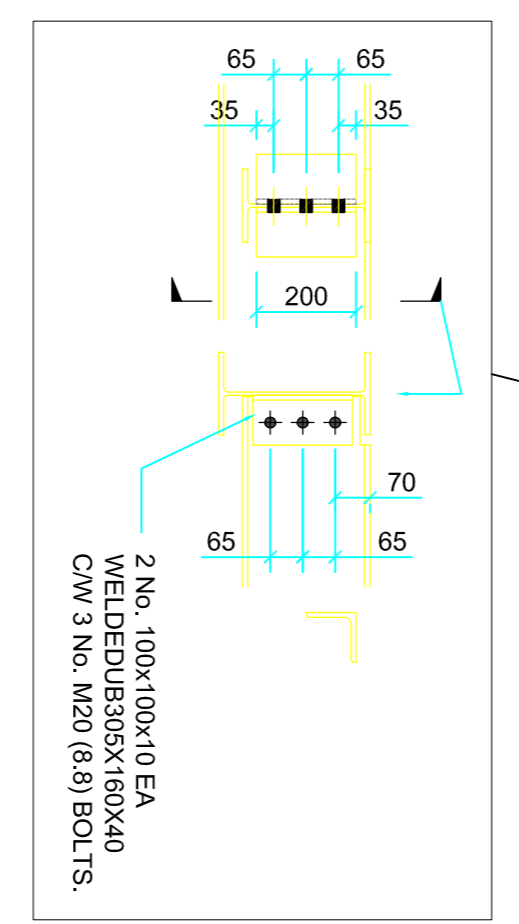
IT IS IMPERATIVE THAT ALL DIMENSIONS ARE TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF FABRICATION. ALL INFORMATION RELATING TO ITEMS OF EXISTING CONSTRUCTION IS TO BE VERIFIED BY THE FABRICATOR. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED IMMEDIATELY TO THE DESIGN TEAM.



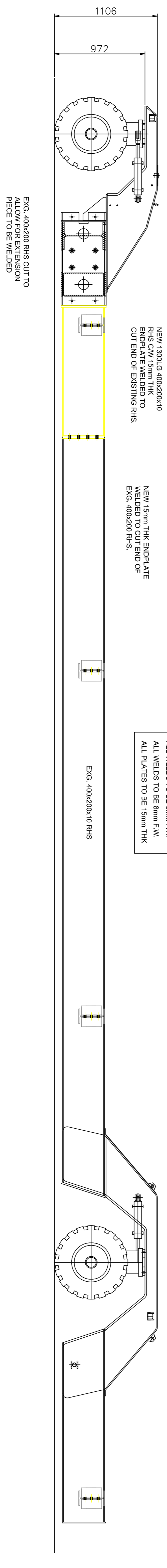
TYPICAL 2 No. LOCATIONS



TYPICAL 8 No. LOCATIONS



TYPICAL 8 No. LOCATIONS



**EXG. BOAT LIFT MODIFICATION DETAILS**  
SCALE 1:25

Rev	Date	Description	By	Check	Appr.
01	XXXXXX	ISSUED FOR XXXXXX	XX	XX	XX

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Client	DT ENGINEERING LTD
Project	MODULAR BUILDING LIFTING FRAME
Office	LIVERPOOL
Discipline	STRUCTURAL
Title	EXISTING BOAT LIFT MODIFICATIONS
Scale @ A1	AS SHOWN
Status	CONSTRUCTION



Originator	Job Number	Discipline	Building Zone
CCL	-	ST	EXT
Type	Level	Drawing No.	Revision
DET	ZZ	0001	01