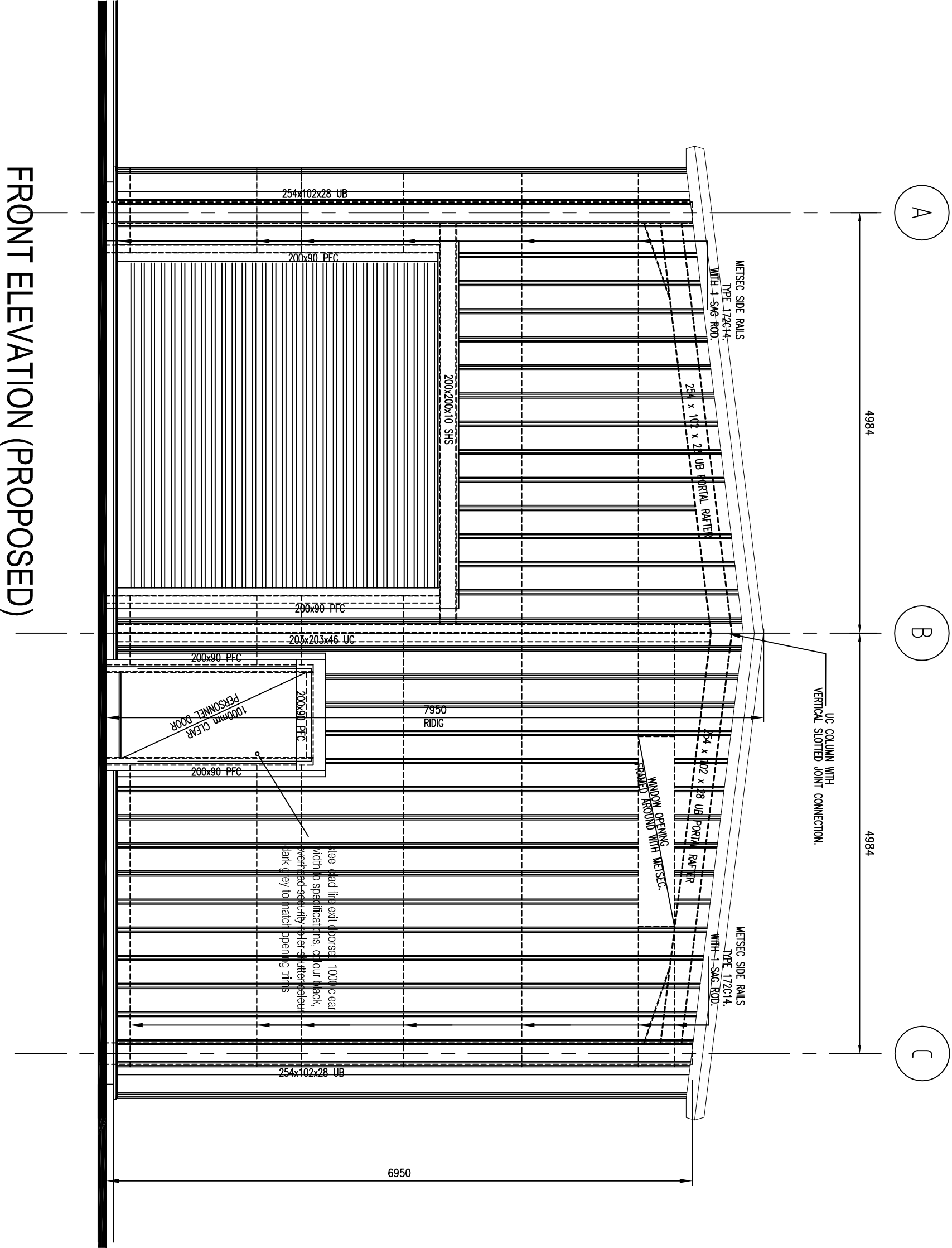
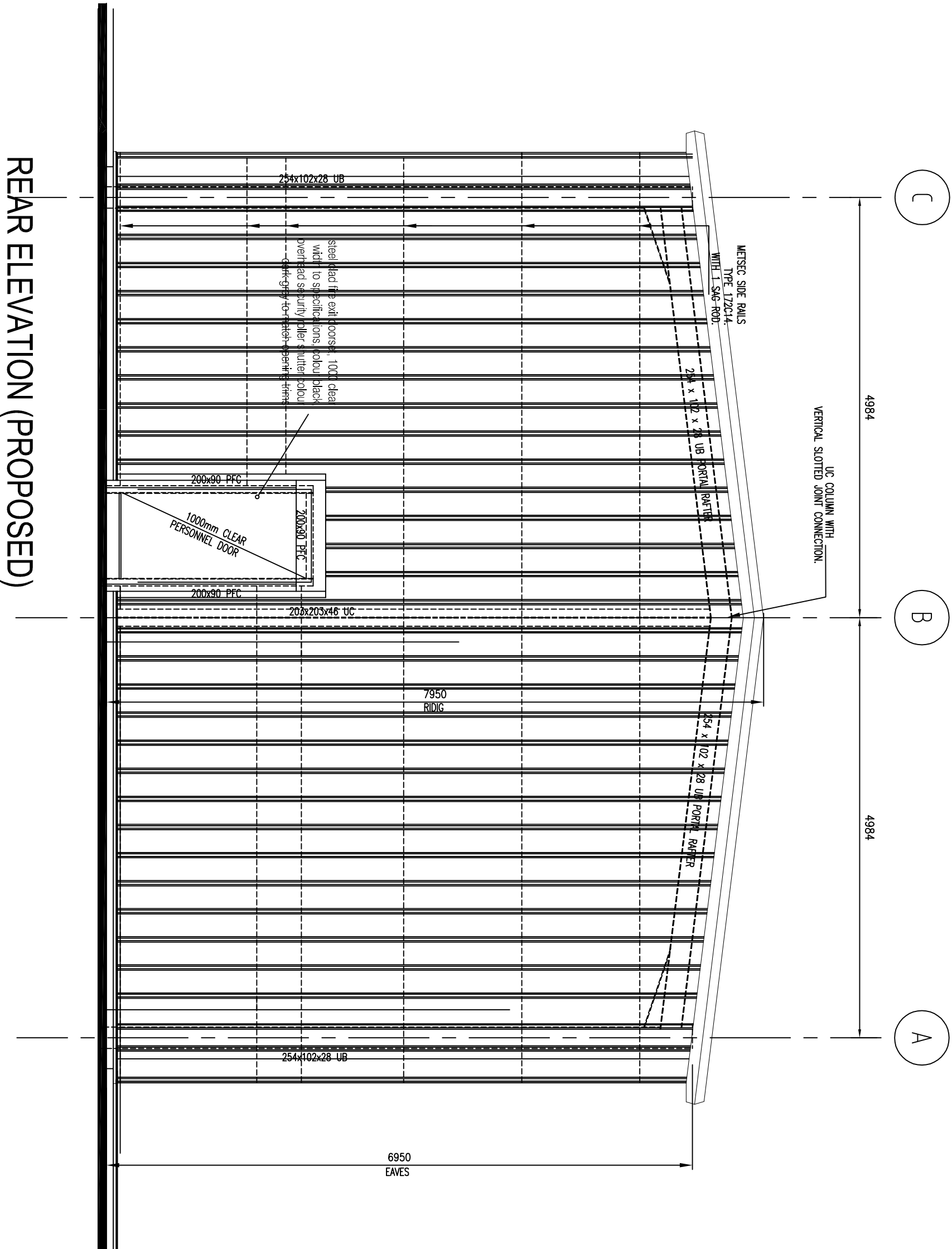


GENERAL NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
2. ALL RELEVANT DIMENSIONS TO BE OBTAINED / CHECKED AGAINST ARCHITECTS DRAWINGS AND BY SITE MEASUREMENT PRIOR TO THE COMMENCEMENT OF WORKS OR ORDERING OF MATERIALS. DO NOT SCALE FROM THIS DRAWING.
3. DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS TO BE NOTED TO THE ENGINEER. THE ENGINEER SHALL BE RESPONSIBLE FOR THE CORRECTION OF ANY DISCREPANCIES. TO BE INSTALLED / ERECTED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS DETAILS.
4. ALL DPMs, & DPCs AND WATERPROOFING/ WEATHERING DETAILS TO BE IN ACCORDANCE WITH ARCHITECTS DETAILS.
5. HARDWARE TO BE CLEAN HARD STONE TO PASS A 75# RING IN ANY DIRECTION AND TO BE FREE FROM ALL DEFECTIOUS MATTER.
6. ALL BARRED STEELWORK TO BE ENCASED WITH MIN. 100mm CONCRETE SURROUND FOR CORROSION PROTECTION. AFTER REJECTION, FINAL SETTING OUT AND FORMWORK OF WORK.
7. ALL CONCRETE TO BE CASTED IN ONE LIFT OR BE SPLITTED METHOD OF MAIN STEELWORK DELIVER FOR CASTING INTO BAYS BY CONTRACTOR.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UNDERGROUND SERVICES THAT MAY EXIST AND TO DIVERT THEM IF NECESSARY PRIOR TO THE COMMENCEMENT OF THE WORKS.
9. ALL STRUCTURAL WORKS TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH THE DETAILS GIVEN VARIATION PRIOR TO IT IMPLEMENTATION.
10. ALL STRUCTURAL STEELWORK IS TO BE IN ACCORDANCE WITH THIS RELEVANT BS CODES OF PRACTICE. IN PARTICULAR BS 5950 AND THE SPECIFICATION ISSUED BY THE ALVIN LQH PARTNERSHIP.
11. ALL STRUCTURAL STEELWORK EXCEPT STRUCTURAL HOLLOW SECTIONS TO BE BS EN 10 025 GRADE S355 UNLESS NOTED OTHERWISE.
12. ALL STRUCTURAL HOLLOW SECTIONS ARE TO BE HOT ROLLED FINISHED TO BS EN 10 210-1 GRADE S275 J2H.
13. THE CONTRACTOR IS RESPONSIBLE FOR THE OVERALL STABILITY OF THE STRUCTURE FROM THE COMMENCEMENT OF THE WORKS INCLUDING THE DESIGN AND PROVISION OF ALL NECESSARY SHORINGS AND BRACINGS.
14. AFTER ALL STEELWORK HAS BEEN LINED, LIFTED AND PLUMBED BY THE STEELWORK CONTRACTOR, THE GENERAL CONTRACTOR WILL GROUT UP IN ACCORDANCE WITH BS 5950.
15. ALL CONNECTIONS TO BE DESIGNED FOR LOADS GIVEN BY ALVIN LQH BUT ALSO FOR A MINIMUM END REACTION OF 75 kN (FACTORED). MINIMUM 2 No. M20 GRADE 8.8 BOLTS, UNLESS NOTED OTHERWISE. ALL HORIZONTAL TIES AND ALL OTHER HORIZONTAL MEMBERS REFER TO THE SPECIFICATION OF THE CONTRACTOR AND CONFORM TO CLAUSE 2.4.3.53 AVOIDANCE OF DISPROPORTIONATE COLLAPSE REQUIREMENTS.
16. ALL AXIAL LOADS, MOMENTS AND REACTIONS ARE ULTIMATE (GENERALLY 1.4 DEAD & 1.6 IMPOSED).
17. SETTING-OUT OF WALLS TO BE IN ACCORDANCE WITH LATEST RELEVANT ARCHITECTS DRAWING.
18. ALL STRUCTURAL STEELWORK AND FRAMES TO BE ADEQUATELY PROTECTED AGAINST FIRE TO THE DETAILS AND SPECIFICATIONS.
19. PAINTING TO ALL STEELWORK TO BE IN ACCORDANCE WITH THE SPECIFICATION UNLESS GALVANISED OR BROWN PAINT TO SECTIONS WITHIN CAVITY. UNLESS GALVANISED.
20. ALL GALVANISED STEEL TO BE IN ACCORDANCE WITH THE SPECIFICATION.
21. ALL BOLTS TO BE M20 GRADE 8.8 WITH A ZINC PLATED FINISH.
22. MATERIALS OR WORKMANSHIP NOT COMING WITH THE ENGINEERS DRAWINGS AND SPECIFICATION SHALL BE DEEMED UNACCEPTABLE AND REMOVED FROM SITE AND REPLACED WITH WORK CORRECTLY MANUFACTURED, DELIVERED AND ERECTED.
23. ALL MASONRY WORK IS TO BE IN ACCORDANCE WITH THE RELEVANT BS CODES OF PRACTICE.
24. IN PARTICULAR BS 5628 AND THE SPECIFICATION.
25. ALL FLOORING BRICKWORK TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 27N/mm² WITH 1:1:6 MORTAR.
26. BRICKWORK FROM GROUND FLOOR TO ROOF TO BE MINIMUM CRUSHING STRENGTH 7N/mm² Laid IN 1:1:6 MORTAR.
27. BRICKWORK BELOW GROUND TO HAVE A MIN. CRUSHING STRENGTH OF 27.0 N/mm² CLAY OR CONCRETE COMMONS (SOLID) WITH A WATER ABSORPTION RATE OF 10% Laid IN A 1:1 1/2:4 MORTAR MIX.
28. BRICKWORK BELOW GROUND TO BE DENSE CONCRETE MASONRY SOLID WITH A 7N/mm² COMPRESSIVE STRENGTH Laid IN 1: 1/2 : 4 MORTAR MIX.



ALL SETTING OUT DIMENSIONS TO CLIENT'S REQUIREMENTS.

A	AL	RISE AND FALLS REPORT UPONED TO SUIT CLIENT'S REQUEST.		09/08/2024
P	AL	ISSUED FOR COMMENT.		07/07/2024
Rev	Initial	Amendment		Date

PROJECT
PROPOSED NEW INDUSTRIAL BUILDING
KNOWSLEY INDUSTRIAL PARK L33 7SS

DETAIL

FRONT AND REAR ELEVATIONS

ARCHITECT

SCALE	DRAWN	CHECKED	DATE	JOB No.	DRG No.	REV.
1:50	A.LOH	AL	JULY 2024	224FA-006	04	A

ALVIN LQH CONSULTING ENGINEERS LTD.

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