

FOR COMMENT

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 ARCHITECT'S DRAWINGS AND BY SITE MEASUREMENT PRIOR TO THE COMMENCEMENT OF WORKS OR ORDERING OF MATERIALS. DO NOT SCALE FROM THIS DRAWING.
3. ALL PROPOSED BUILDING SYSTEMS (i.e. LINTELS, PC FLOORS, BEAMS ETC.) TO BE INSTALLED / DISASSEMBLED BETWEEN THE DRAWINGS AND SITE CONDITIONS TO BE NOTIFIED TO THE ENGINEER.
4. ALL PROPOSED BUILDING SYSTEMS (i.e. LINTELS, PC FLOORS, BEAMS ETC.) TO BE INSTALLED / DISASSEMBLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS / DETAILS.
5. ARCHITECT'S DETAILS AND WATERPROOFING / WEATHERING DETAILS TO BE IN ACCORDANCE WITH FREE FROM ALL DELETTERIOUS MATTER.
6. ALL BARRED STEELWORK TO BE ENCASED WITH MIN. 100mm CONCRETE SURROUND FOR CORROSION PROTECTION. AFTER ERECTION, FINAL SETTING OUT AND PLUMBING OF WORK.
7. ALL BUILDING DOWN EXITS TO BE SUPPLIED HEAD OF MAIN STEELWORK DELIVERY FOR CASTING.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UNDERGROUND SERVICES THAT MAY EXIST AND TO OVERTHROW THEM IF NECESSARY PRIOR TO THE COMMENCEMENT OF THE WORKS.
9. BY THE MAIN LHM, THE ENGINEER IS TO BE ADVISED OF ANY SIGNIFICANT.
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 LHM PARTNERSHIP.
11. ALL STEELWORK EXCEPT STRUCTURAL, HOLLOW SECTIONS TO BE BS EN 10 025 GRADE S355 UNLESS OTHERWISE SPECIFIED.
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 TEMPORARY WORKS.
14. AFTER STEELWORK HAS BEEN LIFTED, LIFTED AND PLACED BY THE STEELWORK CONTRACTOR, THE CONTRACTOR SHALL BUILD UP IN ACCORDANCE WITH BS 5950.
15. ALL CONNECTIONS TO BE DESIGNED FOR LOADS GIVEN BY ALVIN LHM BUT ALSO FOR A MINIMUM END REACTION OF 75 kN (FACTORED). MINIMUM 2 No. W20 GRADE 8.8 BOLTS, UNLESS NOTED OTHERWISE. TO INCLUDE ALL HORIZONTAL TIES AND ALL OTHER HORIZONTAL MEMBERS REFER TO CLAUSE 17 OF BS 5950 (1200 FOR BEAMS AND COMPARISON TO CLAUSE 24.5.3).
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 ARCHITECT'S DRAWING.
18. ALL STRUCTURAL STEELWORK AND DRAWINGS TO BE ADEQUATELY PROTECTED AGAINST FIRE TO THE RELEVANT SPECIFICATION.
19. PAINTING TO ALL STEELWORK TO BE IN ACCORDANCE WITH THE SPECIFICATION UNLESS GALVANISED OR BLOWN 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. WATERTIGHT OR WORKMANSHIP NOT COMPARED WITH THE ENGINEERS DRAWINGS AND SPECIFICATION MANUFACTURED, DELIVERED AND ERECTED.
23. ALL MASONRY WORK IS TO BE IN ACCORDANCE WITH THE RELEVANT BS CODES OF PRACTICE.
24. ALL FACING BRICKWORK TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 20N/mm² WITH 1:1.5 MORTAR.
25. BLOCKWORK FROM GROUND FLOOR TO ROOF TO BE MINIMUM COMPRESSIVE STRENGTH 7N/mm² LAD IN 1:1.5 MORTAR.
26. BRICKWORK BELOW GROUND TO HAVE A MIN. CRUSHING STRENGTH OF 27.0 N/mm² CLAY OR CONCRETE BLOCKS (SOLID) WITH A WATER ABSORPTION RATE OF 10% LAD IN A 1:1/2-4 MORTAR MIX.
27. BLOCKWORK BELOW GROUND TO BE DENSE CONCRETE MASONRY SOLID WITH A 7N/mm² COMPRESSIVE STRENGTH LAD IN 1: 1/2-4 MORTAR MIX.

LOADINGS:-

DEAD ROOF LOADS:-
FINISHES
= 0.50 kN/m²
INSULATION
= 0.10 kN/m²
SERVICES
= 0.80 kN/m²

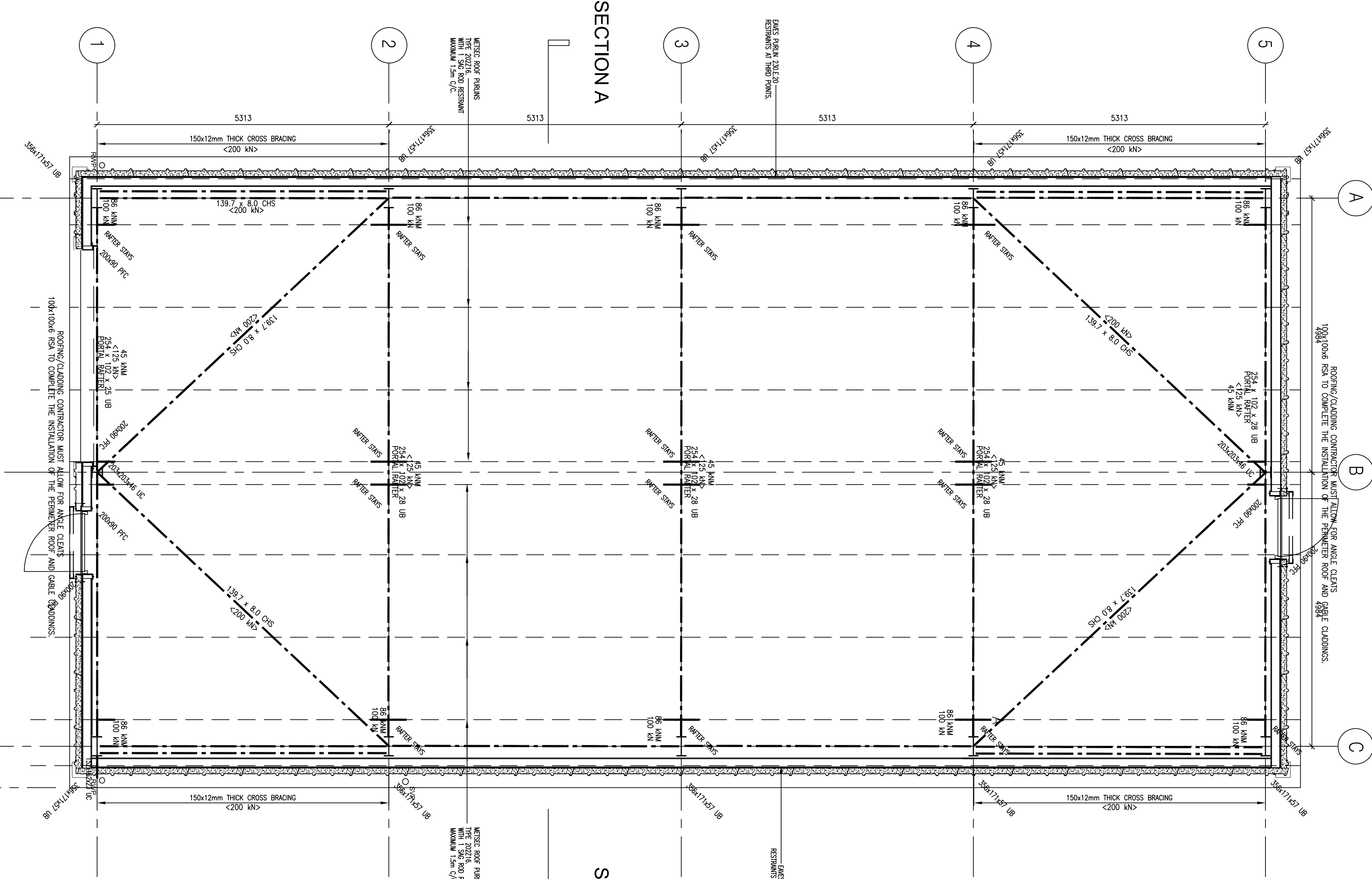
IMPOSED ROOF LOAD:-
= 0.75 kN/m²

GROUND FLOOR IMPOSED LOAD:-
LIVE LOAD
= 150 kN/m²

ALL SETTING OUT DIMENSIONS TO CLIENT'S REQUIREMENTS.

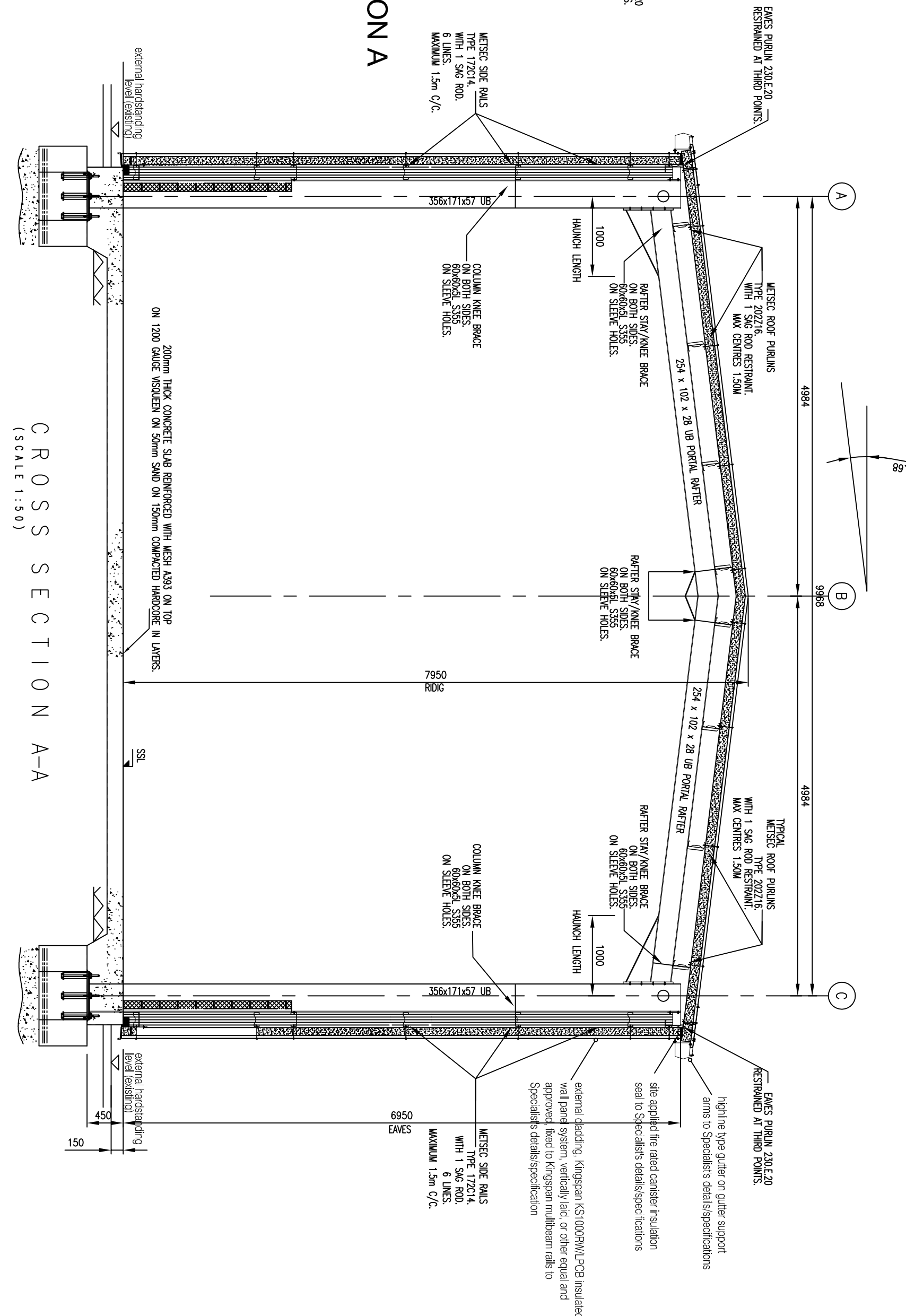
A	AL	ROOF AND EAVES HEIGHT (PAINED TO SUIT CLIENT'S REQUEST).			09/08/2024
P	AL	ISSUED FOR COMMENT.			07/07/2024
Rev	Initial	Amendment			Date
PROJECT					
PROPOSED NEW INDUSTRIAL BUILDING					
KNOWSLEY INDUSTRIAL PARK L33 7SS					
DETAIL					
FOUNDATION PLAN & SECTION					
COLUMN BASE PLATE & DETAILS					
ARCHITECT					

SCALE	DRAWN	CHECKED	DATE	JOB No.	DRG No.	REV.
1:50, 1:20, 1:10	A.LOH	AL	JULY 2024	224FA-006	01	A



ROOF PLAN (PROPOSED)

Scale 0 1 2 3 4 5 6 7 8 9 10 metres



CROSS SECTION A-A (SCALE 1:50)

SECTION A

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