

1. REFER TO DRAWING HSC-REN-ZZ-XX-DR-S-00010 FOR GENERAL NOTES AND REINFORCEMENT ESTIMATES.

THE COMPOSITE STEEL FRAME WILL DEFLECT UNDER ITS OWN SELF-WEIGHT, FINISHES AND PLANT LOADING. COMPOUND SLAB DEFLECTIONS AT MIDSPAN BETWEEN COLUMNS WILL BE UP TO $\text{SPAN}/250$. FOR THE ARRANGEMENT SHOWN MIDSPAN DEFLECTION COULD IN THE RANGE OF 25-30mm.

IF THE ARCHITECT, ROOFING CONTRACTOR, OR ROOFING SUPPLIER REQUIRE A 'FLAT' ROOF WITH NO NEGATIVE FALLS THEN THIS SHOULD BE FORMED WITHIN THE TAPERED ROOF INSULATION AND AGREED BETWEEN THE ABOVE PARTIES AND THE MAIN CONTRACTOR.

ALLOW FOR STEEL STAIRCASE'S TO ARCHITECTS DESIGN INTENT AND SPECIALIST SUPPLIERS DESIGN AND DETAIL, INCLUDING FIXINGS BACK TO PRIMARY FRAME

ALL COLUMNS TO BE LOCATED CONCENTRICALLY ON GRIDLINES UNLESS NOTED OTHERWISE

FOR FAÇADE PRINCIPLES, INCLUDING MASONRY SUPPORT, SECONDARY STEELWORK ETC. REFER TO FAÇADE CONSULTANTS INFORMATION

FOR ALL CAST-IN CHANNEL, FIXINGS AND BRACKETRY REQUIREMENTS, INCLUDING SPECIFICATION AND DETAILED SETTING OUT, REFER TO CLADDING CONTRACTORS, LIFT MANUFACTURES AND BALUSTRADE DRAWINGS.

WHERE CAST-IN CHANNEL AND FIXINGS ARE INDICATED ON THE RENAISSANCE DRAWINGS, THESE ARE INDICATIVE AND FOR COORDINATION PURPOSES ONLY. REFERENCE SHOULD BE MADE TO THE RELEVANT CONTRACTOR DRAWINGS FOR DETAILED REQUIREMENTS.

THE CONCRETE FRAME IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION TOLERANCES. IN ADDITION FLOOR WILL DEFLECT AT MID-SPAN UP TO SPAN/250. WHERE FLOOR FINISHES REQUIRE AN ENHANCED SURFACE REGULARITY (I.E. SR1, SR2 OR SR3) ALLOW FOR SELF LEVELLING SCREED OR COMPOUND


ALL SERVICE OPENING TO THE BUILDING SERVICES CONSULTANTS REQUIREMENTS. REFER TO THE ARCHITECTS DRAWINGS FOR DETAILED SETTING OUT OF SLAB EDGE AND SERVICE OPENINGS.

ALL SVP & RWP ARE TO BE SET OUT BY THE BUILDING SERVICES CONSULTANT AND ARCHITECT. CONTRACTOR TO ALLOW FOR CASTING FIRE COLLARS TO ALL SVP & RWP PENETRATIONS AND ALL OTHER SERVICE OPENINGS WHERE FEASIBLE

→ DENOTES SPAN OF 140mm RC32/40 NORMAL WEIGHT REINFORCED CONCRETE SLAB ON 0.9mm GAUGE SMD 60 + (450 GRADE) DECKING. PROVIDE 1No. LAYER A193 REINFORCEMENT MESH TOP OF SLAB WITH 30mm COVER. ALLOW 5kg/m² ON PLAN OF LOOSE REINFORCEMENT TO COVER REQUIREMENTS AT SLAB EDGES ETC.

FINAL DESIGN AND DETAILING BY SUPPLIER TO ACCOMMODATE MAXIMUM IMPOSED CONSTRUCTION LOAD OF 1.5kN/m² AND 1 HOUR FIRE RESISTANCE. MAXIMUM ALLOWABLE POINT LOADING TO BE CONFIRMED BY SUPPLIER FOR CONSTRUCTION ACTIVITIES. ALLOW FOR 19DIA X 105mm L.A.W STUDS AT 300mm SPACING TO EVERY BEAM SUPPORTING THE SLAB.

C01 - 254x254x89 UC
C02 - 203x203x86 UC
C03 - 203x203x46 UC
C04 - 100x100x10 PFC



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PARAPET PLAN

STAGE 2

Project: Originator: Volume: Level: Type: Role: Category/Number: Rev:

THESE DRAWINGS ARE INTENDED TO COMMUNICATE THE CONCEPT DESIGN FOR THE STRUCTURAL FRAME FOR THE PROPOSED BUILDING AND ARE APPROPRIATE FOR RIBA STAGE 2 (CONCEPT DESIGN). ALL STRUCTURAL SIZES ARE INDICATIVE ONLY AND TO ASSIST WITH HIGH LEVEL COSTING BY THE PROJECT QUANTITY SURVEYOR AND CONTRACTOR. ALL STRUCTURAL SIZES AND REINFORCEMENT RATES ARE INDICATIVE AT THIS STAGE AND ARE SUBJECT TO CHANGE AS THE DESIGN DEVELOPS THROUGH RIBA STAGE 3 (SPATIAL CO-ORDINATION) AND STAGE 4 (TECHNICAL DESIGN).

A DESIGN CONTINGENCY OF 15-20% IS RECOMMENDED TO ALLOW FOR DESIGN DEVELOPMENT DURING RIBA STAGE 2, 3 AND STAGE 4 (TECHNICAL DESIGN) AND TO REFLECT INPUT FROM CONTRACTOR DESIGNED PACKAGES.