

- GENERAL NOTES:
- REFER TO DRAWING FSM-REN-00-XX-S-00010 FOR GENERAL NOTES.

- NOTES FOR OUTLINE COSTING (UPPER FLOORS):
- ALL RATES ARE BASED ON A TYPICAL FLOOR ONLY. WHERE FLOORS ARE NON-STANDARD OR TRANSFER STRUCTURES ARE REQUIRED RATES SHOULD BE ADJUSTED ACCORDINGLY.
 - STEELWORK RATES INCLUDE A 10% ALLOWANCE FOR CONNECTIONS ETC.
 - ALL STEELWORK RATES ARE SUBJECT TO REVIEW FOLLOWING A FLOOR PLATE DYNAMIC ASSESSMENT.
 - AN ALLOWANCE SHOULD BE MADE FOR A MINIMUM 25% GGBS REPLACEMENT TO THE CONCRETE MIXES. WHERE FEASIBLE HIGHER LEVELS OF GGBS WILL BE INVESTIGATED AS THE DESIGN DEVELOPS TO PROVIDE FURTHER REDUCTIONS IN EMBEDDED CARBON.
 - ALL STEELWORK RATES EXCLUDE SECONDARY STEELWORK AND THE FACADE SUPPORT STEELWORK.
 - REINFORCEMENT QUANTITIES ARE ESTIMATES AND SUBJECT TO REVIEW AS THE DESIGN DEVELOPS AND TECHNICAL DESIGN IS UNDERTAKEN.

COMPOSITE STEEL FRAME OPTION

COMPOSITE SLAB:

- 130mm RC30/37 CONCRETE
- RIBDECK COMFLOR 50+ 1.2 GAUGE DECKING
- A193 MESH + LOOSE = 10kg/m²

SHEAR STUDS:

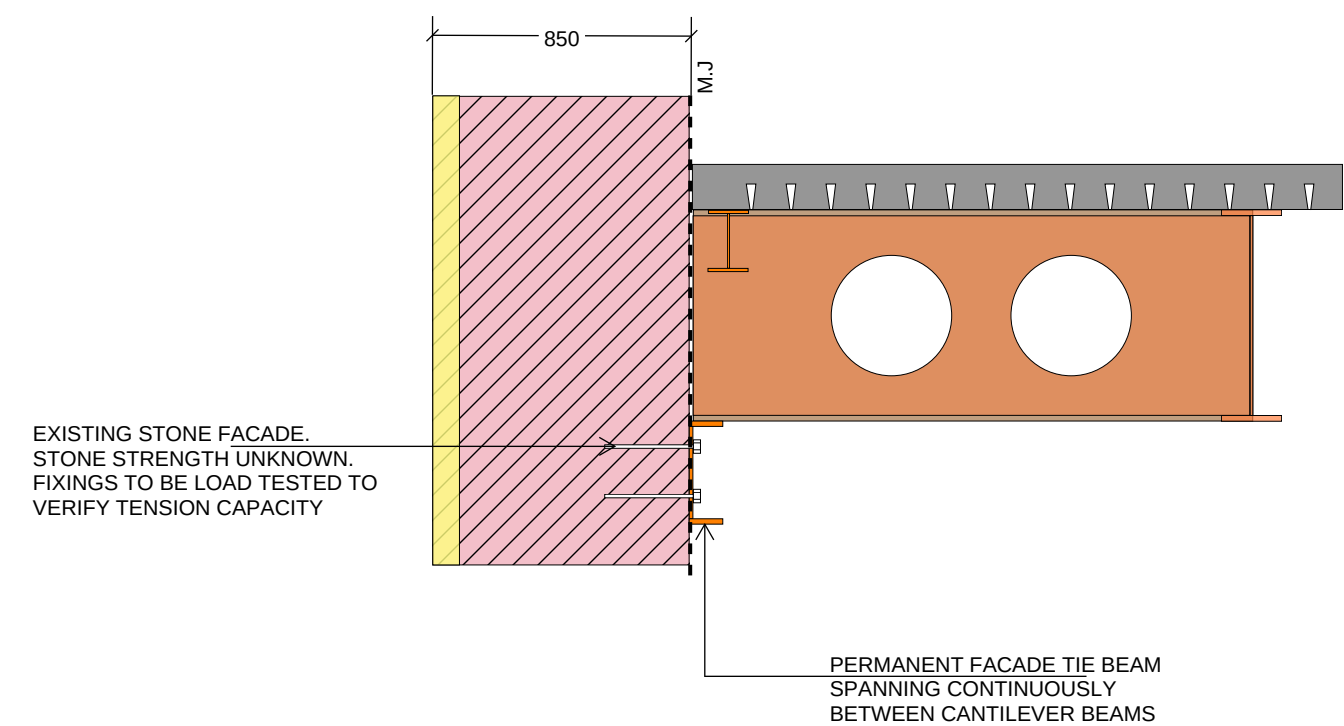
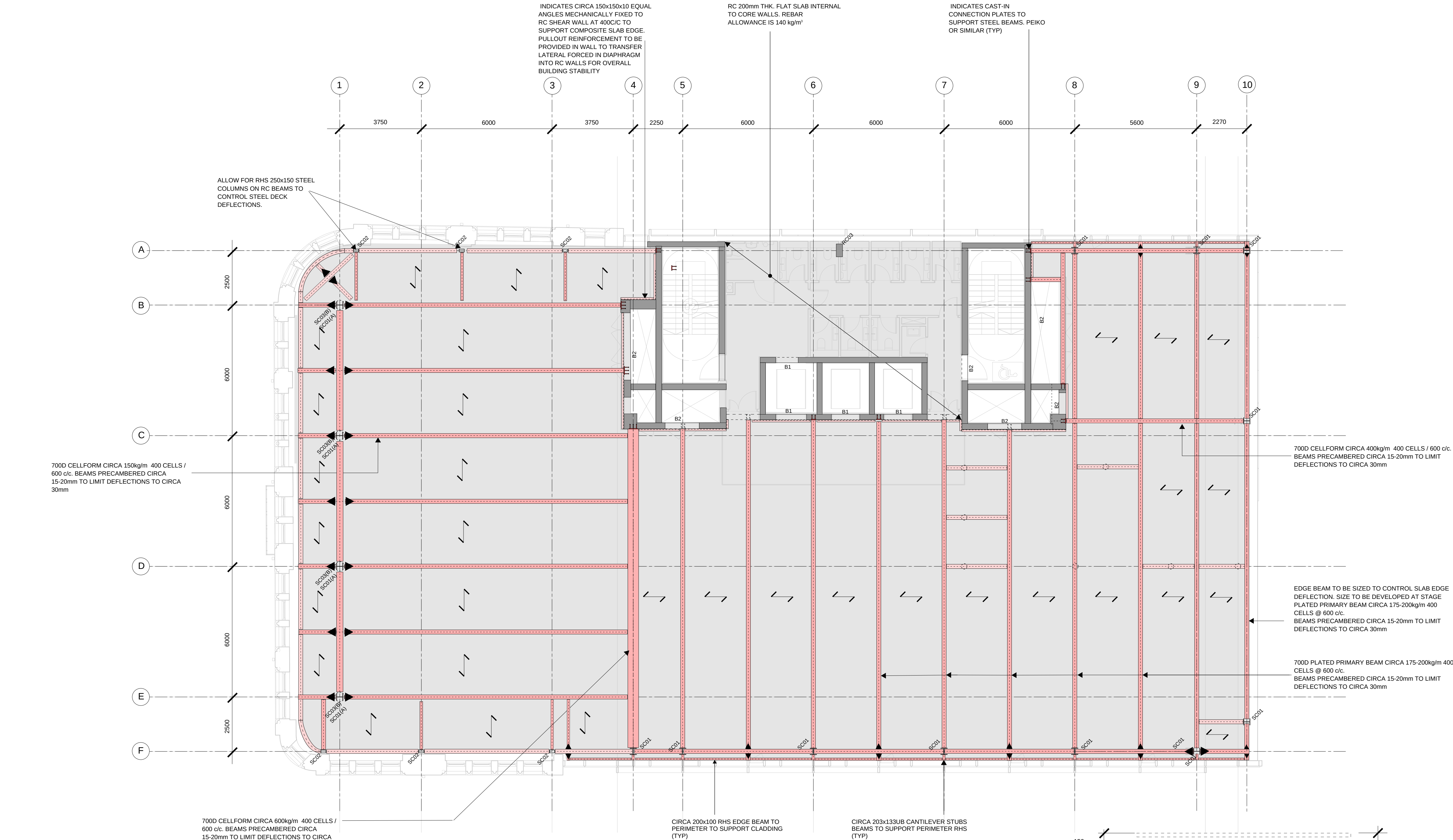
- 19D1A x 95 LONG SHEAR STUDS @:
 - 300mm c/c TO ALL SECONDARY BEAMS
 - 150mm c/c TO ALL PRIMARY BEAMS
 - 2No 150mm c/c TO ALL TRANSFER BEAMS

STEELWORK RATES:

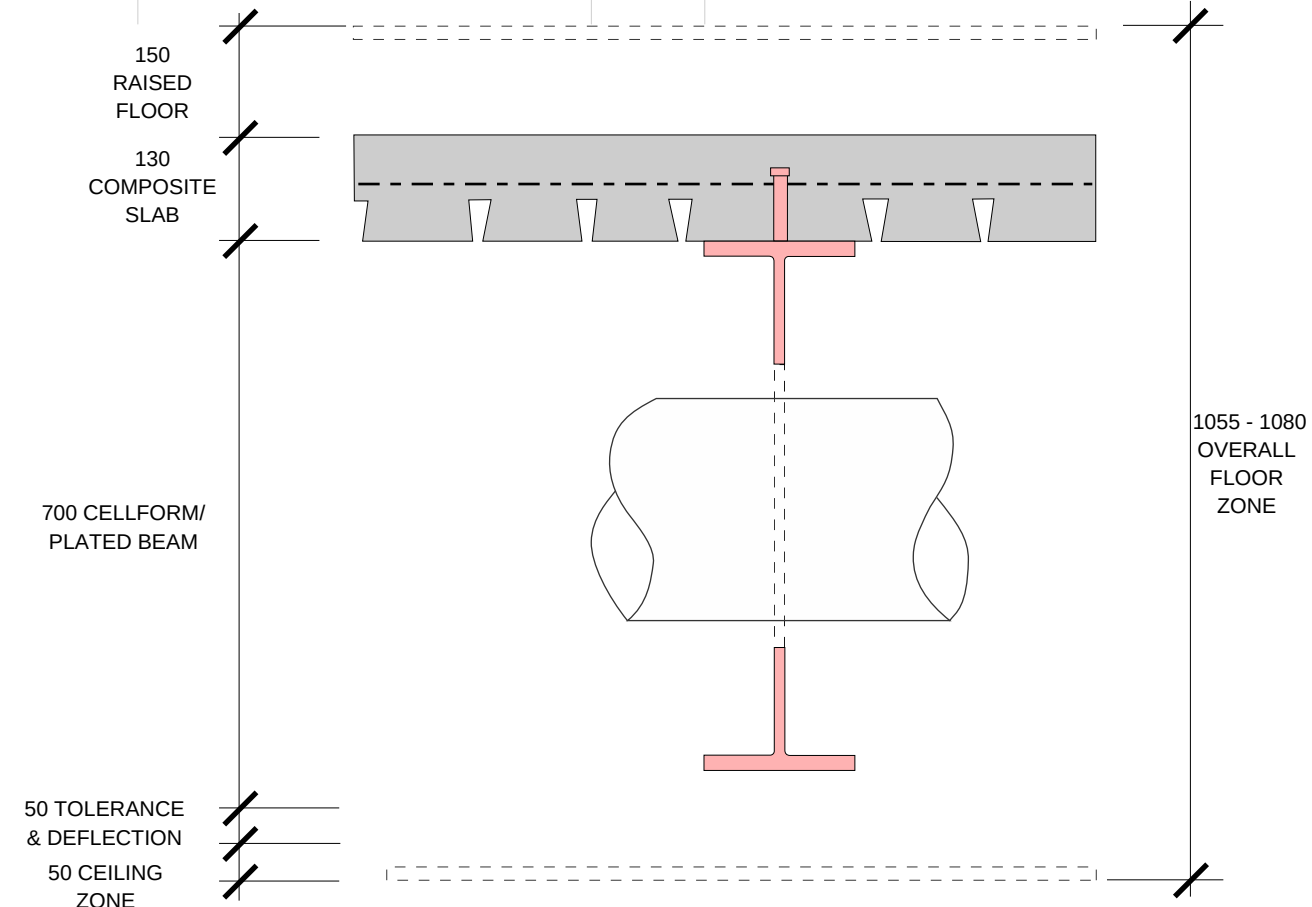
FIRST FLOOR	140-150kg/m ²
SECOND FLOOR	70-75kg/m ²
THIRD FLOOR	200-210kg/m ²
FOURTH FLOOR	70-75kg/m ²
FIFTH FLOOR	110-115kg/m ²
SIXTH FLOOR	90-95kg/m ²
SEVENTH FLOOR	70-75kg/m ²

STEEL COLUMN SCHEDULE

REF.	SIZE	GRADE
SC01	UC305x305	S355
SC02	RHS 250x150	S355
SC03	CHS 457x10	S355



TYPICAL FACADE
RETENTION DETAIL
1:25



TYPICAL SECTION
1:10

P01	RIBA STAGE 2 - CONCEPT DESIGN	18.06.21	YE	KG
Rev:	Description:	Date:	By:	Chkd:
renaissance Renaissance Associates Ltd Carvers Warehouse 77 Dale Street Manchester M1 2HG Project: 50 FOUNTAIN STREET MANCHESTER				
Drawing Title: FIRST FLOOR PLAN				
Status: RIBA STAGE 2				
Size:	Date:	Drawn by:	Designed by:	Checked by:
A1	22.03.21	YE	-	KG
Scale:	1:100 U.N.O	Project No:	2006-05	
Project:	Originator:	Volume:	Level:	Type: Role: Category/Number: Rev:
FSM-REN-00-01-DR-S-01110-P01				