

GROUND FLOOR PLAN
SCALE 1:100

NB: TEMPORARY PROPPING REQUIRED TO CONTIGUOUS PILED WALL TO BE DESIGNED BY TEMPORARY WORKS ENGINEER.

NB: SERVICES PENETRATIONS IN BASEMENT AND SWIMMING POOL TO BE CONFIRMED BY ARCHITECT, M&E AND POOL DESIGNER.

REINFORCEMENT QUANTITIES	
ITEM	RC (Kg/m ³)
PILECAPS	125
REINFORCED FLOOR SLABS	175
COLUMNS	400
WALLS	200

THESE ESTIMATES ARE BASED ON PRELIMINARY DESIGN AND COMPARISONS WITH FULLY DETAILED ELEMENTS FROM SIMILAR PROJECTS.

REINFORCEMENT QUANTITIES ARE PROVISIONAL. THESE ESTIMATES ARE TO BE CONFIRMED AT DETAILED DESIGN STAGE WITH ISSUE OF REINFORCEMENT DRAWINGS SUITABLE ALLOWANCE SHALL BE MADE FOR DESIGN DEVELOPMENT.

THIS DRAWING INDICATES REINFORCEMENT WEIGHTS AND REINFORCEMENT ARRANGEMENT FOR TYPICAL ELEMENTS. ESTIMATES ASSUME DETAILING IN ACCORDANCE WITH BS8110 AND ISTRUCTURE DETAILING MANUAL. ANY REINFORCEMENT PROVIDED BY THE CONTRACTOR ABOVE THE DESIGN REQUIREMENT AND CURTAILMENT RULES SHALL BE AT THE CONTRACTORS EXPENSE.

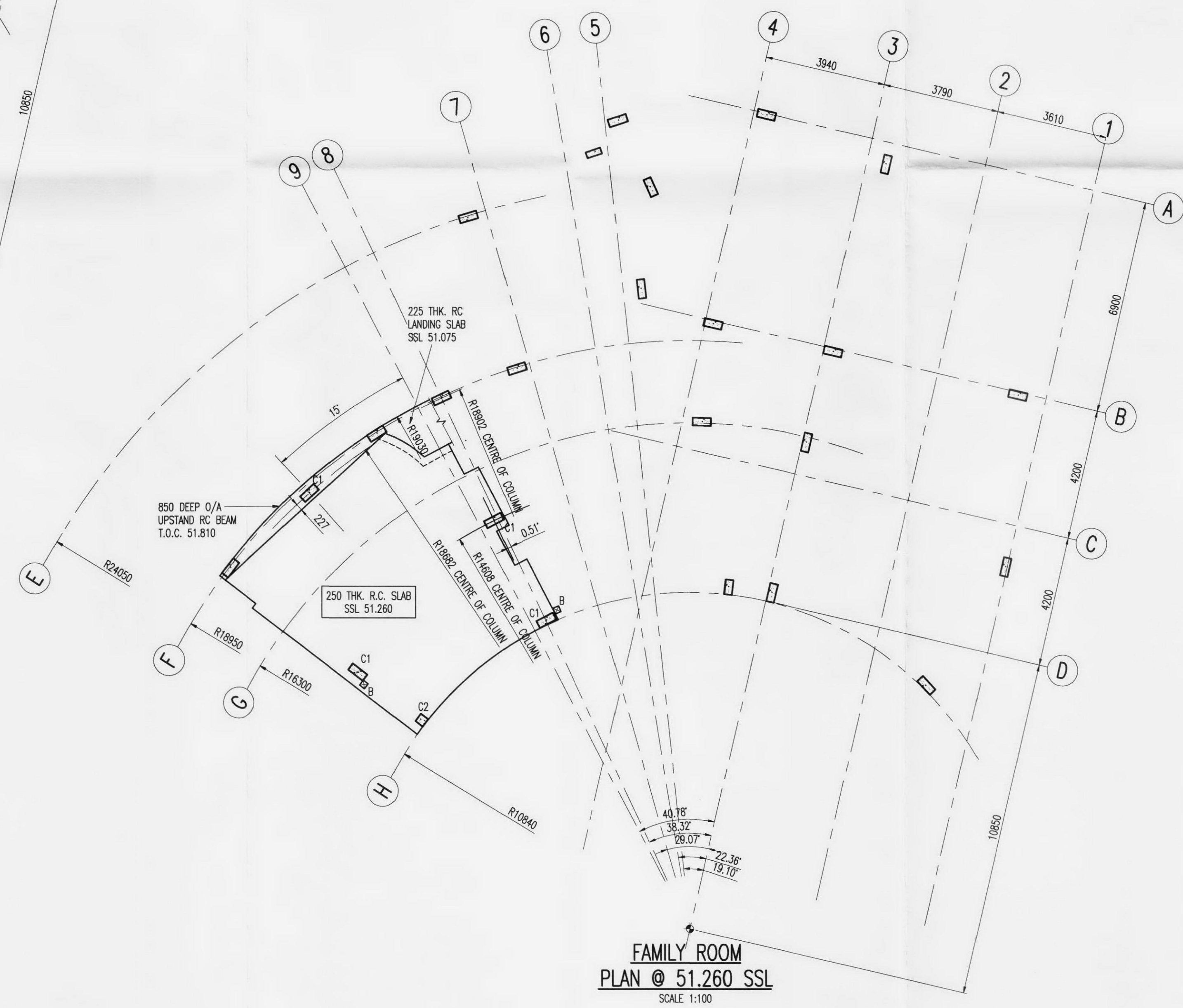
THESE ARE ISSUED FOR USE BY THE CLIENT ONLY AND SHALL NOT BE USED BY THIRD PARTIES WITHOUT THE PERMISSION OF WALSH ASSOCIATES.

COLUMN SCHEDULE	
REF:	SECTION
C1	250x600
C2	300x300
C3	300x700
C4	250x925
C5	250x475
S1	152 UC 30

VOID SCHEDULE	
VOID REF	SIZE
A	200x300
B	200x200
C	200x400
D	300x300
E	300x500

- Notes**
- ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
 - THIS DRAWING HAS BEEN PRODUCED ELECTRONICALLY AND MAY HAVE BEEN PHOTO REDUCED OR ENLARGED WHEN COPIED. HENCE, DO NOT RELY ON ANY SCALES QUOTED. WORK ONLY TO FIGURED DIMENSIONS (DO NOT SCALE). ALL DIMENSIONS TO BE CHECKED ON SITE. ANY ERRORS OR OMISSIONS TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
 - PILES IN 1 OR 2 PILECAPS TO BE DESIGNED FOR OUT OF TOLERANCE FORCES.
 - ALLOW FOR THE FOLLOWING HEAVE PRECAUTIONS:
 - VOID FORMER TO BE PROVIDED BENEATH FULL EXTENTS OF SUSPENDED GROUND FLOOR SLAB AND PILE CAPS (ALLOW FOR 150 MOVEMENT)
 - COMPRESSIBLE MATERIAL TO BE PROVIDED TO INSIDE OF PERIMETER PILECAPS (ALLOW FOR 35 MOVEMENT)
 - TOP OF PILES TO BE SLEEVED WITH RIGID SLIP LINER DOWN TO 2500 BELOW GROUND LEVEL.
 - ALLOW FOR SUPPORT OF EXTERNAL CLADDING AND CLADDING FEATURES.
 - ALL CONCRETE TO BE GRADE C40.
 - ALL CONCRETE IN CONTACT WITH THE GROUND TO BE SPECIFIED FOR DS-2 CONDITIONS AND ACEC CLASS AC-25.
 - ALL INTERNAL BLOCKWORK TO BE 140 THK. 7N/mm² BLOCK. ALL EXTERNAL BLOCKWORK TO BE 215 THK. 7N/mm² BLOCK.

C.D.M.	
SIGNIFICANT RISKS AND HAZARDS:	
- TEMPORARY PROPPING TO BE PROVIDED TO CONTIGUOUS PILED WALL. TO BE DESIGNED BY TEMPORARY WORKS ENGINEER.	
KEY DESIGN DECISIONS TO REDUCE OR ELIMINATE HAZARDS:	
- STANDARD HEAVE MAT AND COMPRESSIBLE MATERIALS TO BE USED AROUND FOUNDATIONS AND GROUND SLAB.	



FAMILY ROOM
PLAN @ 51.260 SSL
SCALE 1:100

15	30.04.10	DJB	REDRAWN				
14	18.11.09	DS	STEEL BEAMS ADDED. REINFORCEMENT QUANTITIES TABLE ADDED.				
13	30.10.09	DS	STAIR POSITION REVISED TO SUIT ARCHITECT. 1ST FLOOR SLAB RECESS ADDED. SVPS ADDED. FIRST FLOOR SLAB LINE REVISED (G.L. B.1).				
12	09.10.09	DJB	TENDER ISSUE.				
11	18.09.09	DJB	TENDER ISSUE.				
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Rev.	Date	By	Details Of Revision				
Client MR & MRS RUSSELL							
Project 36 MILLFIELD LANE							
Title GENERAL ARRANGEMENT GROUND FLOOR SLAB & 51.260 SSL							
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