



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

REINFORCEMENT QUANTITIES	
ITEM	RC (Kg/m³)
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 ISTRUCTE 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.

- 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 C40
 - ALL CONCRETE IN CONTACT WITH THE GROUND TO BE SPECIFIED FOR DS-2 CONDITIONS AND ACEC CLASS AC-2S.

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.	

Rev.	Date	By	Details Of Revision
T5	30.04.10	DJB	REDRAWN
T4	18.11.09	DS	REINFORCEMENT QUANTITIES TABLE ADDED.
T3	30.10.09	DS	FOUNDATION REVISED WHERE CLOUDED.
T2	09.10.09	DJB	TENDER ISSUE.
T1	18.09.09	DJB	TENDER ISSUE.

Client
MR & MRS RUSSELL

Project
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Title
GENERAL ARRANGEMENT
FOUNDATION & BASEMENT

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TENDER			
Drawn	DJB	A1 Scale	1:100
Date	SEP 09	Eng.	Chk.
File Ref.			
Drawing No.			
2755-050			Rev.
			T5