

02.01 GROUND FLOOR PLAN
SHOWING FIRST FLOOR STRUCTURE ABOVE
SCALE 1:50

1ST FLOOR CONSTRUCTION
150mm DEEP PCC HOLLOWCORE DESIGNED BY OTHERS.
ALLOW 1.5kN/m² FOR FINISHES & CEILING
AND STUD LINE LOAD OF 1kN/m RUN
BLOCKWORK LINE LOADS 5kN/m RUN

COLUMNS
C1 = 203x203UC60
C2 = 203x203UC86

EXTERNAL LINTELS
L1 = CG150/100 BY CATNIC OR SIMILAR
L2 = CH150/100 BY CATNIC OR SIMILAR

INTERNAL LINTELS
L-IN-1 = 100x215 DEEP PCC BEAM LINTEL
L-IN-2 = 100x140 DEEP PCC BEAM LINTEL

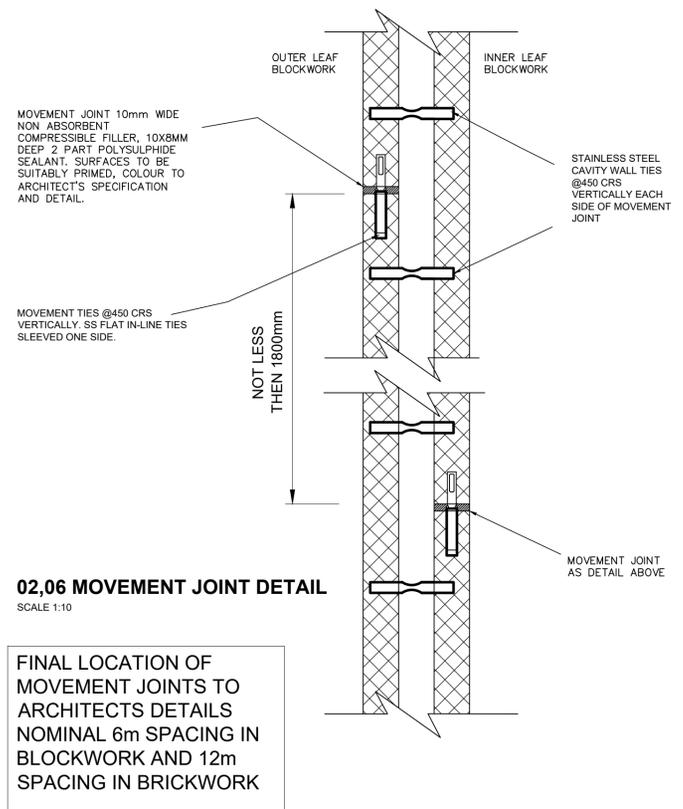
MJ= MOVEMENT JOINT
SEE DETAIL 02.06

KEY
7N/m² BLOCKWORK
WALL IN CLASS (III) MORTAR
BRICKWORK TO ARCHITECTS
DETAILS

CONNECTIONS
BASE PLATES ON DRAWING 01
BEAM TO COLUMN ON DRAWING 03
FINAL CONNECTION DESIGN TO STEEL
FABRICATOR AND CHECK BY ENGINEER

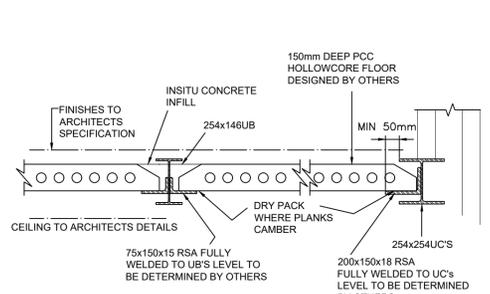
ALL COLUMNS AND EXTERNAL STEELWORK
AND STEELWORK IN EXTERNAL CAVITY
ALL HOT-DIP GALVANIZED.

SUPPORT ANGLES FOR WIDESLAB TO ALL EDGES :
USE 200x150x18 FOR ALL 254x254 UC'S
USE 150x75x15 FOR ALL 254x146 UB'S

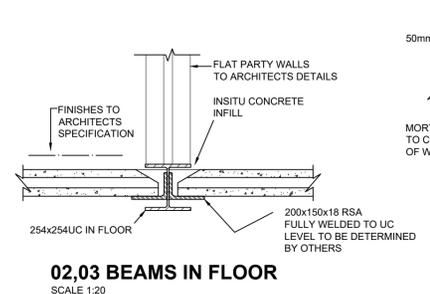


02.06 MOVEMENT JOINT DETAIL
SCALE 1:10

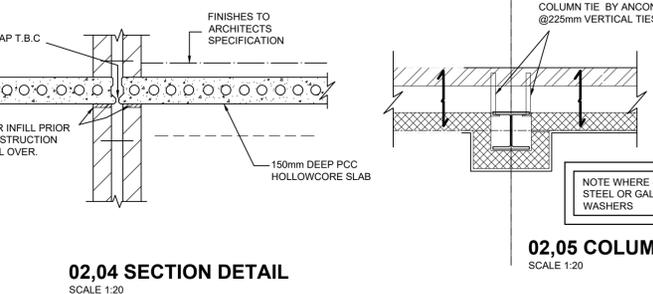
FINAL LOCATION OF
MOVEMENT JOINTS TO
ARCHITECTS DETAILS
NOMINAL 6m SPACING IN
BLOCKWORK AND 12m
SPACING IN BRICKWORK



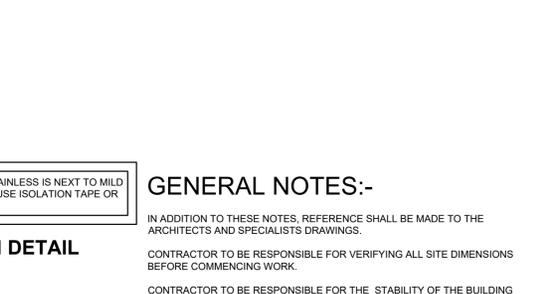
02.02 BEAMS IN FLOOR
SCALE 1:20



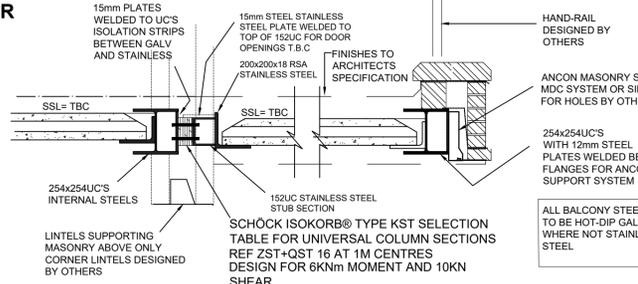
02.03 BEAMS IN FLOOR
SCALE 1:20



02.04 SECTION DETAIL
SCALE 1:20



02.05 COLUMN DETAIL
SCALE 1:20



02.07 BALCONY DETAIL
SCALE 1:20

GENERAL NOTES:-

- IN ADDITION TO THESE NOTES, REFERENCE SHALL BE MADE TO THE ARCHITECTS AND SPECIALISTS DRAWINGS.
- CONTRACTOR TO BE RESPONSIBLE FOR VERIFYING ALL SITE DIMENSIONS BEFORE COMMENCING WORK.
- CONTRACTOR TO BE RESPONSIBLE FOR THE STABILITY OF THE BUILDING DURING THE WORKS. TEMPORARY WORKS DESIGN AND METHOD STATEMENT TO MAIN CONTRACTOR AND APPROVED BY ENGINEER PRIOR TO STARTING THE WORKS.
- DIMENSIONS ON THE DRAWING SHALL NOT BE SCALED
- CONCRETE SHALL BE GRADE C30 UNLESS STATED OTHERWISE
- CONCRETE SHALL BE WELL COMPACTED BY MEANS OF MECHANICAL VIBRATOR
- ALL STEELWORK TO BS 4360 GRADE 43A UNLESS STATED OTHERWISE.
- ALL BOLTS TO BE GRADE 8.8 TO BS 3692 UNLESS STATED OTHERWISE.
- WELDING TO BS 5135 WELDS ARE TO BE MIN 6mm FILLET WELDS UNLESS STATED OTHERWISE
- ALL STEEL CONNECTIONS TO BE DESIGNED BY THE STEELWORK FABRICATOR AND APPROVED BY THE ENGINEER UNLESS STATED OTHERWISE.
- ALL STEEL FRAME WORK TO BE FIRE PROTECTED TO ARCHITECTS SPECIFICATIONS AND DETAILS

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GROUND FLOOR PLAN SHOWING STRUCTURE ABOVE & DETAILS			PJE
scale			date
1:50, 1:20, 1:10 @A1			14/07/15
job no		drawing no	rev
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