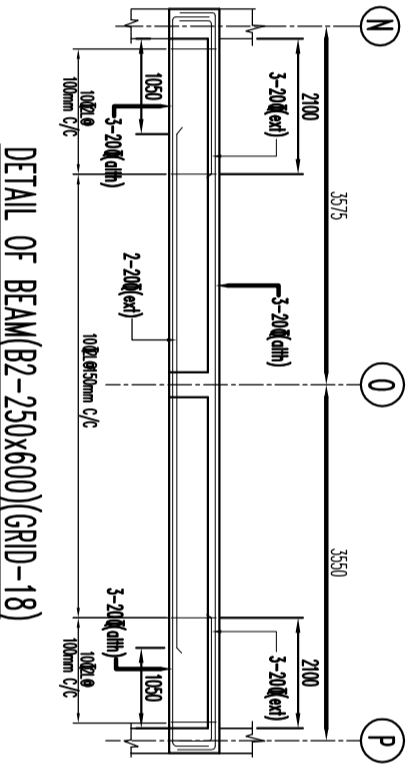
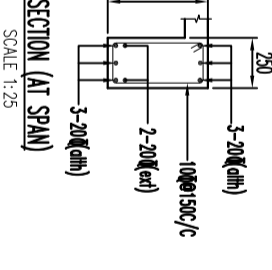
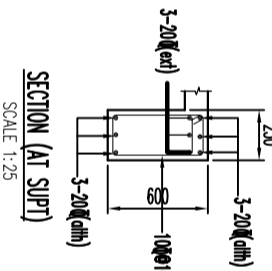


TYPICAL DETAIL OF BEAM COLUMN JUNCTION

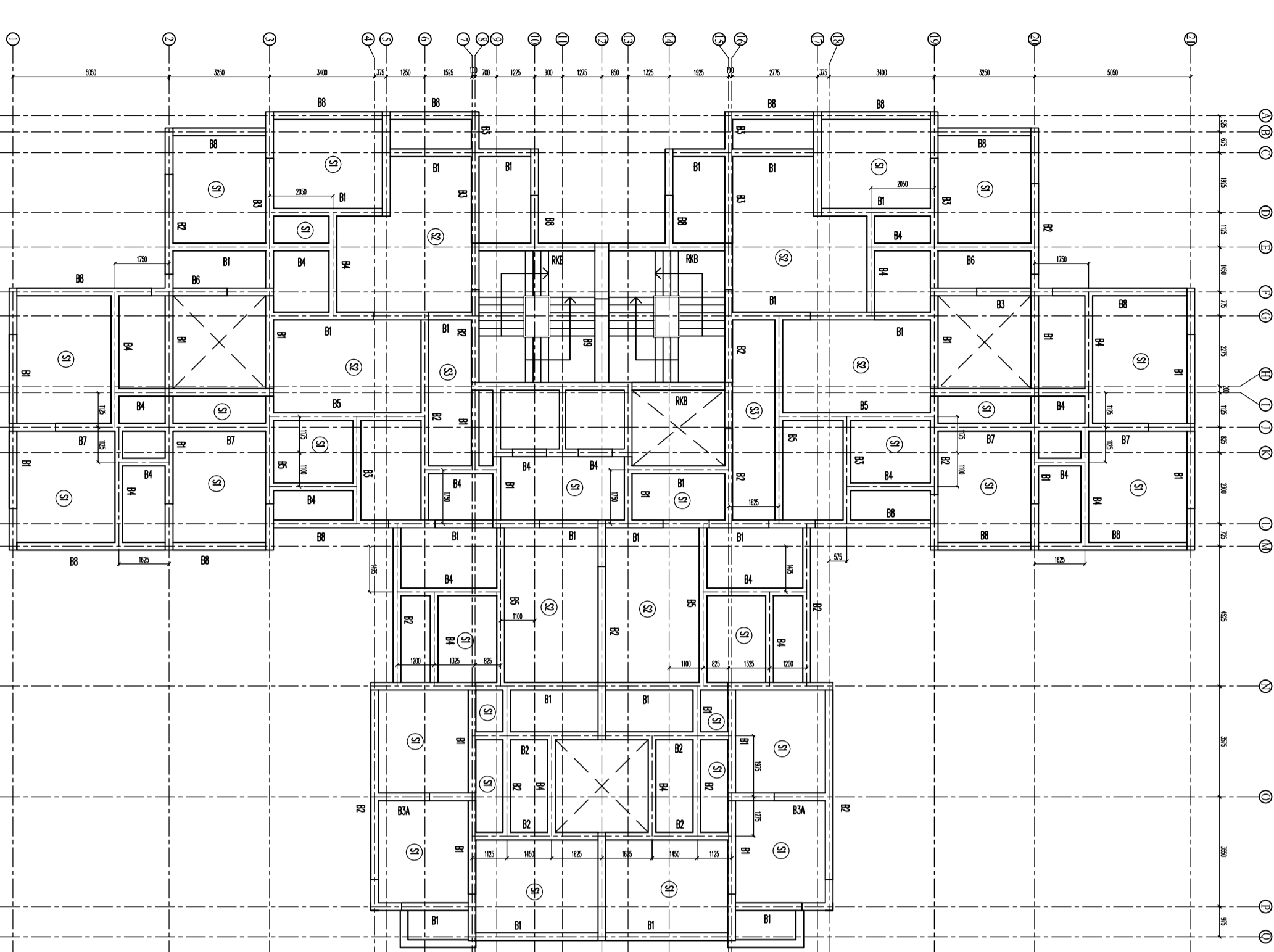


DETAIL OF BEAM (B2-250x600) (GRID-18)

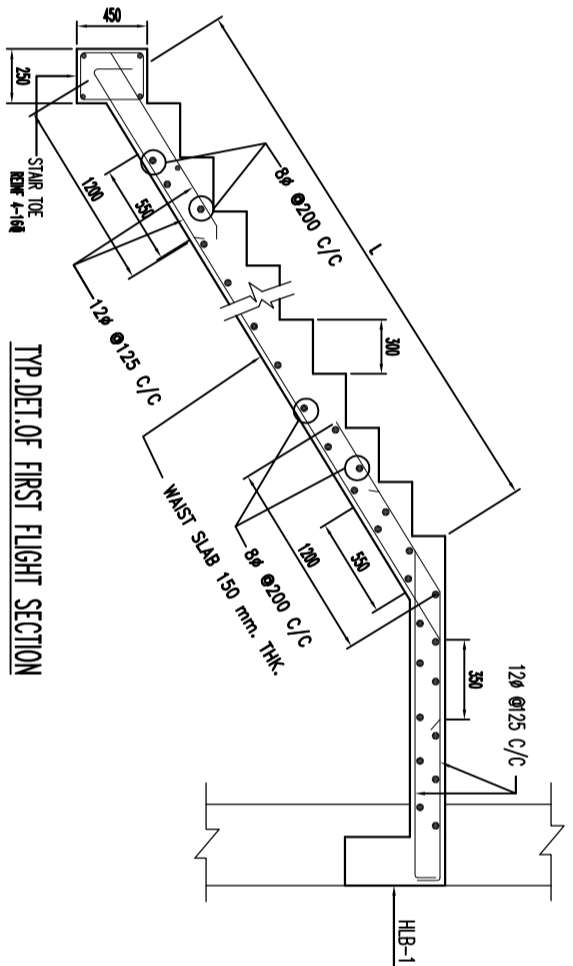


MND. (MMxMM)	TOP		BOTTL.		STIRRUPS (2 LEGGED)	
	ALTH	EXT/AT SUPR1)	ALTH	EXT/ND SPAN)	AT SUPPORT	AT SPAN.
B1	250x600	3-20	2-20	3-20	2-20	100L Ø10mm c/c
B2	250x600	3-20	3-20	2-20	2-20	100L Ø10mm c/c
B3	250x600	3-20	2-20	3-20	2-16	100L Ø10mm c/c
B4	250x600	3-20	-	3-20	-	100L Ø10mm c/c
B5	250x600	3-20	2-20	3-20	2-20	100L Ø10mm c/c
B6	250x600	3-20	-	3-20	-	100L Ø10mm c/c
B7	250x600	3-20	-	3-16	-	100L Ø10mm c/c
B8	250x600	3-20	3-20	3-20	2-20	100L Ø10mm c/c
B9	450x600	3-20	2-25	3-20	2-20	100L Ø10mm c/c

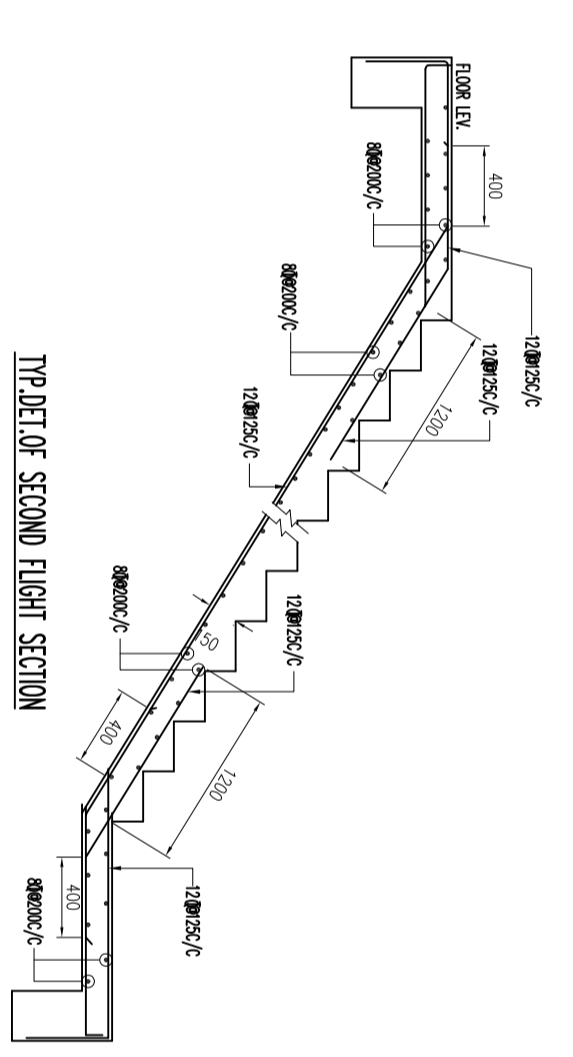
- NOTES :-
1. ALL DIMENSIONS ARE IN MM
  2. ALL CONCRETE SHOULD BE OF GRADE M25 UNLESS SPECIFIED
  3. COVER TO REINFORCEMENT  
COLUMN = 40mm , BEAM = 30mm  
SLAB = 15mm , FOUNDATION = 50mm
  4. DEPTH OF EXCAVATION OF UNDER GROUND SUMP SHOULD BE ABOVE THAT OF FOUNDATION.
  5. DO NOT SCALE THE DRAWING . FOLLOW WITH DIMENSION.
  6. ALL WALLS ARE AS PER ARCHITECTURAL DRAWINGS
  7. LEAN CONCRETE (1:3:6) NOMINAL MIX 75 THK. SHALL BE PROVIDED UNDER FOUNDATION.
  8. THE DRAWINGS SHOULD BE STUDIED CAREFULLY AND ALL DIMENSIONS SHOWN HERE SHOULD BE CHECKED AT SITE. CLARIFICATION REGARDING DISCREPANCY IF ANY, SHOULD BE OBTAINED BEFORE COMMENCEMENT OF WORK.
  9. SPACER BAR USED SHALL BE OF 20mm, OR DIAMETER OF THE BAR USED IN THE JOB WHICH IS LARGER.
  10. STEEL TO BE USE SHOULD BE OF F-500 GRADE. REINFORCEMENT SHOULD BE WITH COLD TWISTED DEFORMED BARS CONFORMING TO IS : - 1786 AND HAVE BEEN SHOWN AS & .
  11. DEPTH OF EXCAVATION OF UNDER GROUND SUMP/RESERVOIR SHOULD BE ABOVE THE DEPTH OF FOUNDATION OF THE ADJACENT BUILDING / STRUCTURE.
  12. LAP LENGTH OF STEEL BAR SHALL BE SODIA OF BAR



TYPICAL FLOOR BEAM LAYOUT PLAN

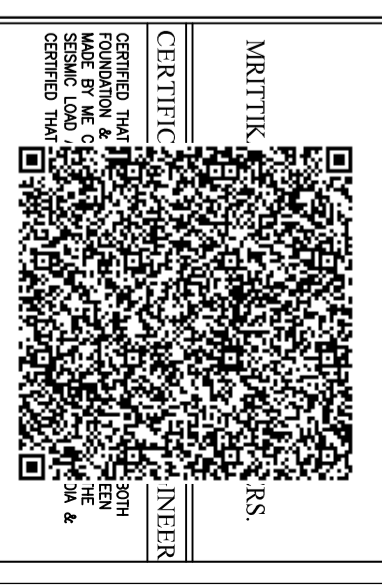


TYP DET. OF FIRST FLIGHT SECTION



TYP DET. OF SECOND FLIGHT SECTION

<p>SCHEDULE OF SLAB ( S1 ) THICKNESS AS MENTIONED :- 125 MM (M25 AND FE500) (ALONG SHORTER DIRECTION )</p>	
<p>SPAN</p>	<p>10mm@ 150mm c/c at span &amp; alternately curtained at L/4 from beam SUPPORT</p>
<p>SLAB THICKNESS AS MENTIONED :-125 MM (M25 AND FE500) (ALONG LONGER DIRECTION)</p>	
<p>SUPPORT</p>	<p>10mm@ 150mm c/c at top of support &amp; extended upto L/3 from beam.</p>
<p>SCHEDULE OF SLAB ( S2 ) THICKNESS AS MENTIONED :- 150 MM (M25 AND FE500) (ALONG SHORTER DIRECTION )</p>	
<p>SPAN</p>	<p>10mm@ 135mm c/c at top of support &amp; extended upto L/3 from beam.</p>
<p>SLAB THICKNESS AS MENTIONED :-150 MM (M25 AND FE500) (ALONG LONGER DIRECTION)</p>	
<p>SUPPORT</p>	<p>10mm@ 135mm c/c at top of support &amp; extended upto L/3 from beam.</p>
<p>SCHEDULE OF SLAB ( S3 ) THICKNESS AS MENTIONED :- 135 MM (M25 AND FE500) (ALONG SHORTER DIRECTION )</p>	
<p>SPAN</p>	<p>10mm@ 150mm c/c at span &amp; alternately curtained at L/4 from beam SUPPORT</p>
<p>SLAB THICKNESS AS MENTIONED :-135 MM (M25 AND FE500) (ALONG LONGER DIRECTION)</p>	
<p>SPAN</p>	<p>10mm@ 165mm c/c at span &amp; alternately curtained at L/4 from beam SUPPORT</p>
<p>SLAB THICKNESS AS MENTIONED :-150mm c/c at top of support &amp; extended upto L/3 from beam.</p>	



**DIPANKAR BHOWMIK**  
B.E. M.A.E. FI.V.  
ENLISTMENT NO.-E5  
91RUPSONISEE/2014-15  
RAIPUR SONARPUR MUNICIPALITY

NAME OF STRUCTURAL ENGINEER

**RAJ KUMAR AGARWAL**  
ADDRESS:  
RAJ AGRAWAL & ASSOCIATES  
81, ROYD STREET (2nd FLOOR)  
KOLKATA-700016

NAME OF ARCHITECT

**ALOK ROY**  
NAME OF GEO.-TECHNICAL ENGINEER

NAME OF STRUCTURAL REVIEWER

**SANJEEV PAREKH**

TITLE  
**PLOT - 1 ( BLOCK - 1 )**

PROJECT  
REVISED G-19 (60x00) MT. HT.7 & G-14 (45.00 MT. HT.)  
STORIED RESIDENTIAL BUILDING COMPLEX AT  
HOLDING NO 154 SCHOOL RD. R.S. DAG NO. 8, 9, 10, 20,  
51, 52, 57 & 58 R.S. KHANTIA NO. 61, 2510, 5218, 2495, 6072,  
MOURZA - RAIPUR, J.L. NO. 55, YARD NO. 26, P.S.  
SONARPUR, DIST. - 24PDS(S), UNDER RAIPUR SONARPUR  
MUNICIPALITY.  
VIDY SAHC. PLAN NO. 157REV./CR/26/21-D1-05/09/2016.

OWNERS NAME  
**LAKSHMI BUILDERS PVT. LTD. & OTHERS.**

DATE  
15.07.15

JOB NO.  
ARCH/2014/21

DEALT  
SOMAN/MSR

CHECKED  
ANVISHI

SHEET NO.  
2 OF 5

SCALE  
1:100

ARCHITECT  
**RAJ AGRAWAL & ASSOCIATES**  
88, ROYD STREET, KOLKATA-16

SCALE  
1:100

CONSULTANT  
**Sanyatson Associates**  
Consultant Pvt. Ltd.

DATE  
15.07.15

PROJECT  
REVISED G-19 (60x00) MT. HT.7 & G-14 (45.00 MT. HT.)  
STORIED RESIDENTIAL BUILDING COMPLEX AT  
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