

SCHEDULE OF SLAB (S1)	
SLAB THICKNESS AS MENTIONED :- 115 MM (M20 AND FE 500) (ALONG SHORTER DIRECTION)	
SUPPORT	8mm@150mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@165mm c/c at span & alternately curtailed at L/4 from beam.

SLAB THICKNESS AS MENTIONED :- 115 MM (M20 AND FE 500) (ALONG LONGER DIRECTION)	
SUPPORT	8mm@165mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@175mm c/c at span & alternately curtailed at L/4 from beam.

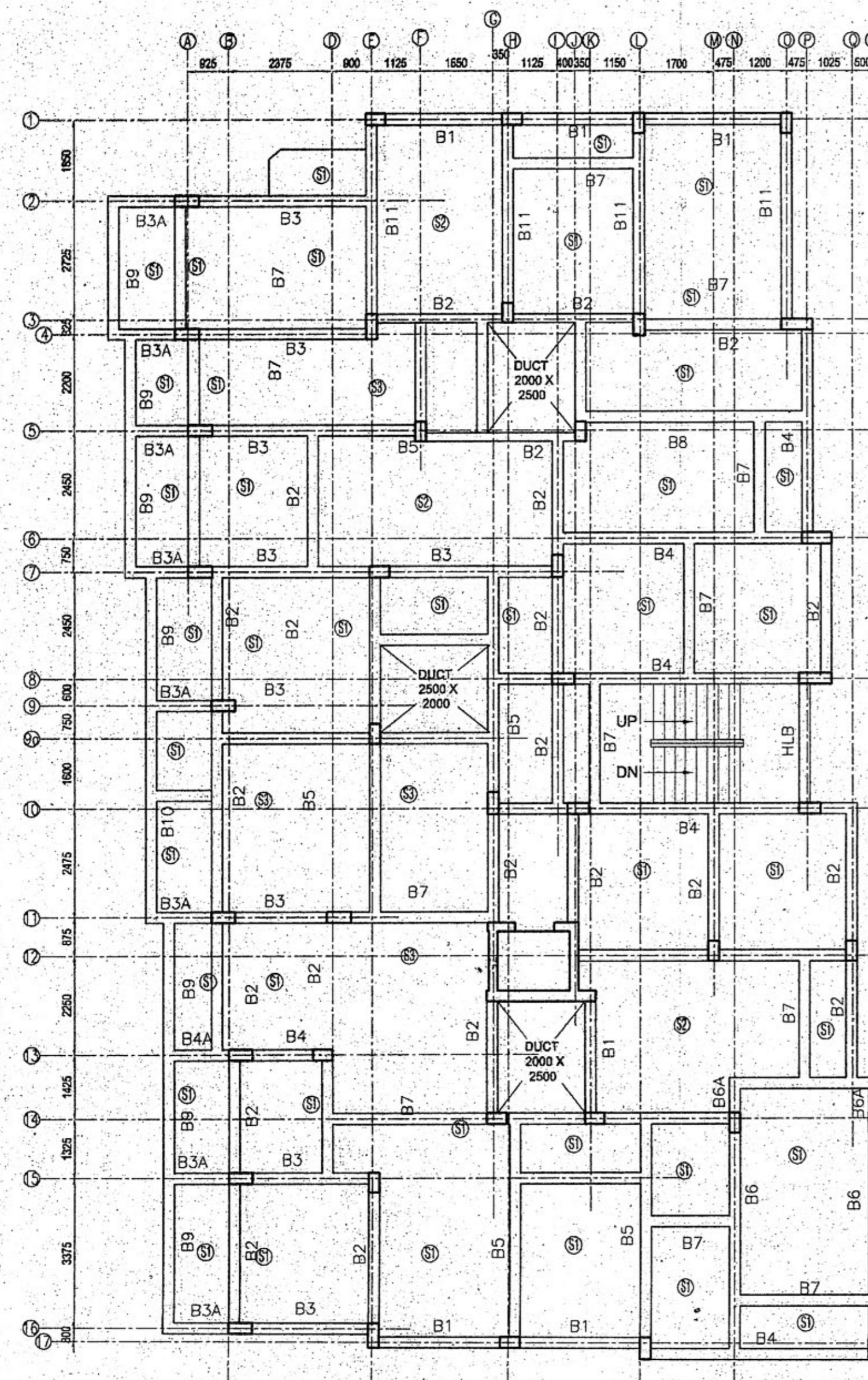
SCHEDULE OF SLAB (S2)	
SLAB THICKNESS AS MENTIONED :- 150 MM (M20 AND FE 500) (ALONG SHORTER DIRECTION)	
SUPPORT	8mm@125mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@135mm c/c at span & alternately curtailed at L/4 from beam.

SLAB THICKNESS AS MENTIONED :- 150 MM (M20 AND FE 500) (ALONG LONGER DIRECTION)	
SUPPORT	8mm@135mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@150mm c/c at span & alternately curtailed at L/4 from beam.

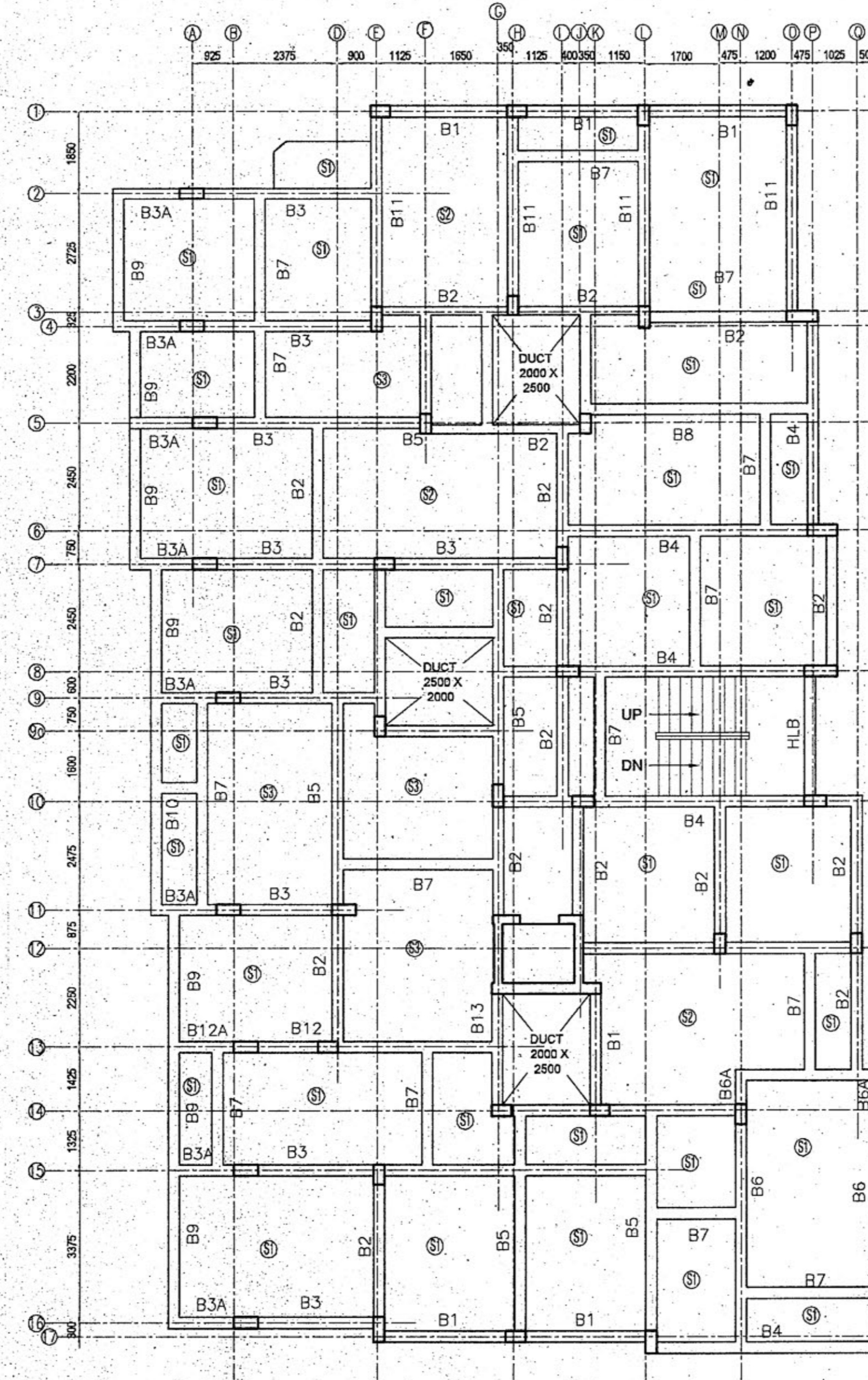
SCHEDULE OF SLAB (S3)	
SLAB THICKNESS AS MENTIONED :- 125 MM (M20 AND FE 500) (ALONG SHORTER DIRECTION)	
SUPPORT	8mm@125mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@135mm c/c at span & alternately curtailed at L/4 from beam.

SLAB THICKNESS AS MENTIONED :- 125 MM (M20 AND FE 500) (ALONG LONGER DIRECTION)	
SUPPORT	8mm@135mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@150mm c/c at span & alternately curtailed at L/4 from beam.

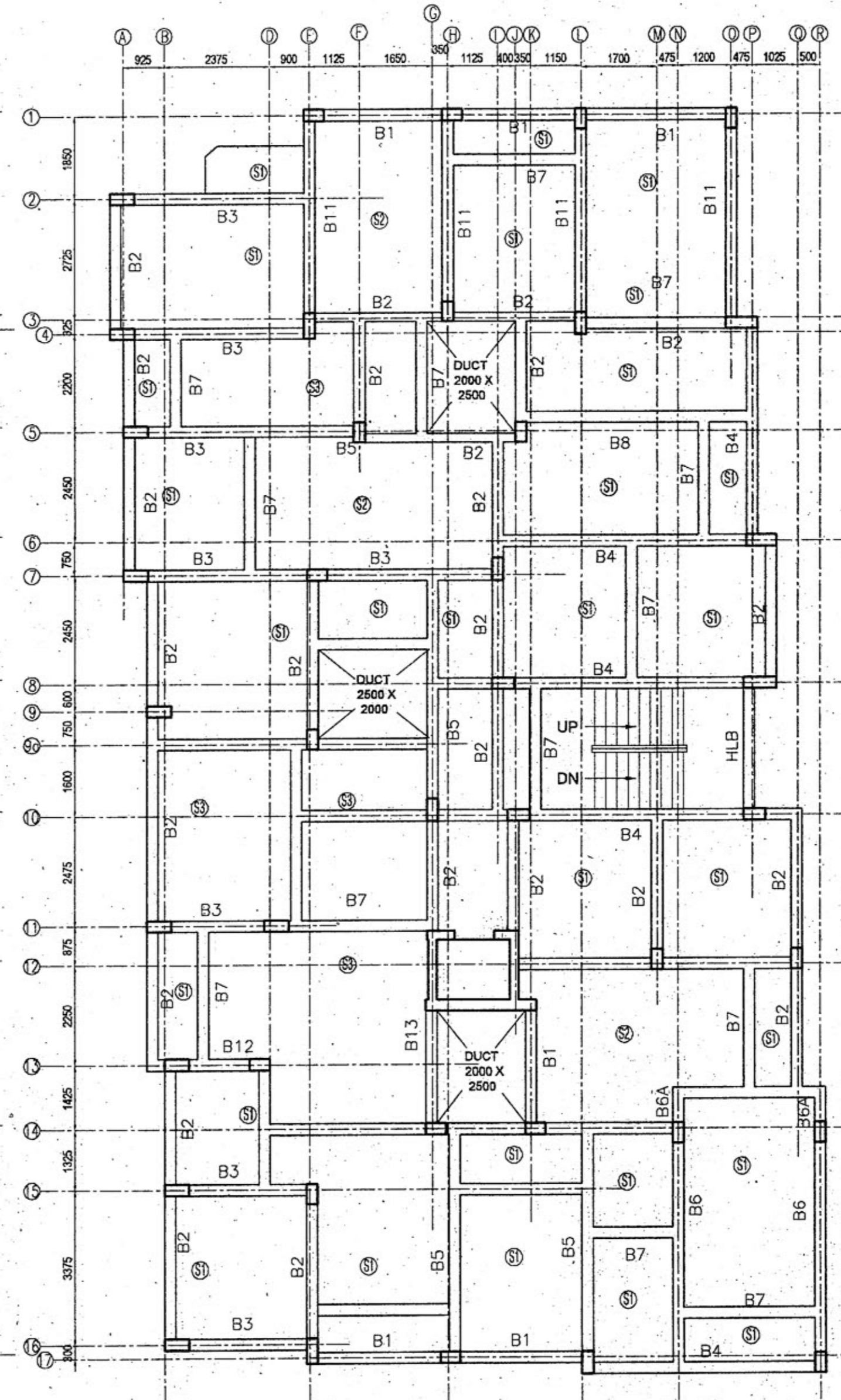
SCHEDULE OF 1ST FLOOR TO ROOF (M20 AND FE 500)							
BEAM MKD.	SIZE (MMxMM)	TOP		BOT.		STIRRUPS (2 LEGGED)	
		ALTH	EXT(AT SUPT.)	ALTH	EXT(MID SPAN)	AT SUPPORT	AT SPAN
B1	250x450	2-16#	1-16#	2-16#	1-16#	8@2L@25C/C	8@2L@150C/C
B2	250x450	2-16#	2-16#	2-16#	2-16#	8@2L@25C/C	8@2L@150C/C
B3	250x550	2-16# 1-20#	2-20#	2-16#	2-16#	8@2L@25C/C	8@2L@150C/C
B3A	250x550	2-16# 1-20#	-	4-16#	-	8@2L@25C/C	8@2L@150C/C
B4	250x450	2-16# 1-20#	2-20#	2-20#	2-20#	8@2L@25C/C	8@2L@150C/C
B5	250x450	2-16#	2-20#	2-20#	2-16#	8@2L@25C/C	8@2L@150C/C
B6	250x450	3-16#	2-16#	2-20#	2-16#	8@2L@200C/C	8@2L@200C/C
B6A	250x450	5-16#	-	2-20# 2-16#	-	8@2L@200C/C	8@2L@200C/C
B7	250x450	2-16#	1-16#	3-16#	-	8@2L@200C/C	8@2L@200C/C
B8	250x450	2-16#	2-20#	2-20#	2-16#	8@2L@25C/C	8@2L@125C/C
B9	250x450	2-16#	1-16#	3-16#	-	8@2L@25C/C	8@2L@125C/C
B10	250x450	2-16#	2-16#	4-16#	-	8@2L@25C/C	8@2L@150C/C
B11	250x450	2-16#	2-16#	2-16#	2-16#	8@2L@25C/C	8@2L@150C/C
B12	250x550	2-16# 1-20#	2-20#	2-20#	2-20#	8@2L@25C/C	8@2L@150C/C
B12A	250x550	2-16# 1-20#	-	4-20#	-	8@2L@25C/C	8@2L@150C/C
B13	250x550	4-16#	-	4-16#	-	8@2L@25C/C	8@2L@150C/C
HLB	250x450	3-16#	-	3-16#	-	8@2L@25C/C	8@2L@150C/C



2ND FLOOR BEAM LAYOUT PLAN



TYPICAL BEAM LAYOUT PLAN



FIRST FLOOR BEAM LAYOUT PLAN

- NOTES :-
- ALL DIMENSIONS ARE IN MM
  - ALL CONCRETE SHOULD BE OF GRADE M20 UNLESS SPECIFIED
  - COVER TO REINFORCEMENT  
COLUMN = 40mm, BEAM = 25mm  
SLAB = 15mm, FOUNDATION = 75MM AT BOTTOM & 50MM AT SIDE AND TOP
  - DEPTH OF EXCAVATION OF UNDER GROUND SUMP SHOULD BE ABOVE THAT OF FOUNDATION.
  - DO NOT SCALE THE DRAWING. FOLLOW WITH DIMENSION.
  - ALL WALLS ARE AS PER ARCHITECTURAL DRAWINGS
  - LEAN CONCRETE (1:3:6) NOMINAL MIX 75 THK. SHALL BE PROVIDED UNDER FOUNDATION.
  - 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.
  - SPACER BAR USED SHALL BE 20mm OR DIAMETER OF THE BAR USED IN THE JOB WHICH IS LARGER.
  - STEEL TO BE USE SHOULD BE OF Fe-500 GRADE. REINFORCEMENT SHOULD BE WITH COLD TWISTED DEFORMED BARS CONFIRMING TO IS : - 1786 AND HAVE BEEN SHOWN AS 4.
  - DEPTH OF EXCAVATION OF UNDER GROUND SUMP/RESERVOIR SHOULD BE ABOVE THE DEPTH OF FOUNDATION OF THE ADJACENT BUILDING / STRUCTURE.
  - LAP LENGTH OF STEEL BAR SHALL BE 50xDIA OF BAR

PROJECT-  
**PROPOSED PLAN OF G + IV STORIED RESIDENTIAL BUILDING AT HOLDING NO. 2018, DAKSHIN KUMRAKHALI, WARD NO. 27, R.S.KHATIAN NO. 175,261,L.R. KHATIAN NO. 2855,2829, R.S. DAG NO. 1546, 1545, L.R. DAG NO. 1630, J.L. NO. 48, AT MOUZA -KUMRAKHALI, P.S.-SONARPUR, DIST.-24PGS.(S), UNDER RAJPUR SONARPUR MUNICIPALITY**

TITLE - SCHEDULE & SECTION  
 FOUNDATION, TIE BEAM LAYOUT PLAN

SCALE - 1:100, 1:50, 1:25  
 DATE - 28.05.2014  
 JOB NO

DRAWN -  
 DESIGNED -  
 CHECKED -  
 APPROVED

STRUCTURAL CONSULTANTS:-  
**Sanyalson Associates**  
 Consultant Pvt. Ltd.  
 CONSULTANT PLANNER & STRUCTURAL ENGINEERS  
 P-157 KANUNGO PARK KOLKATA-84