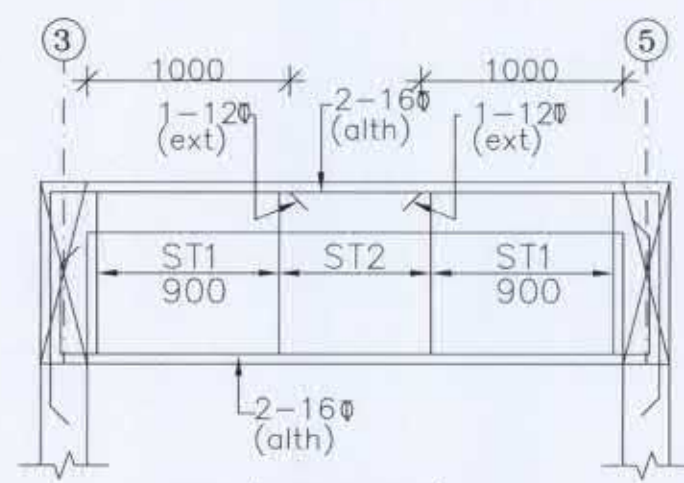
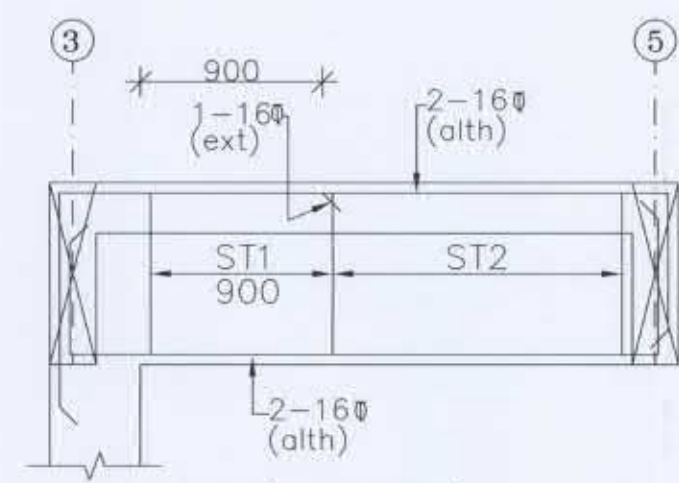
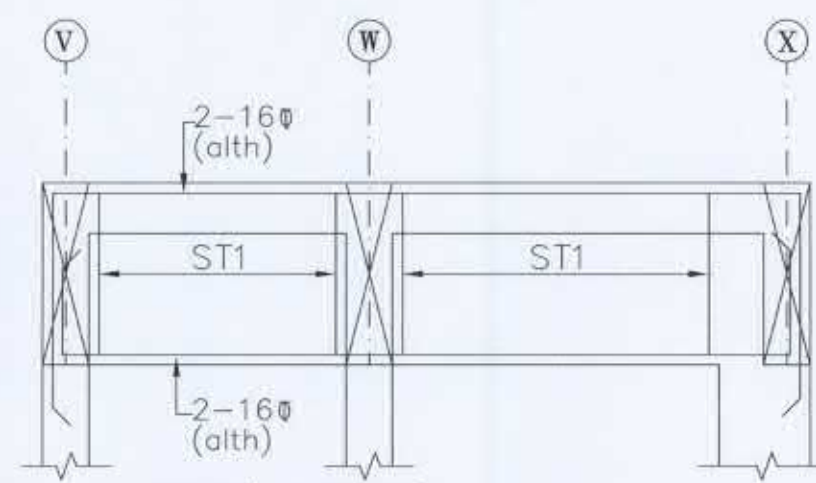




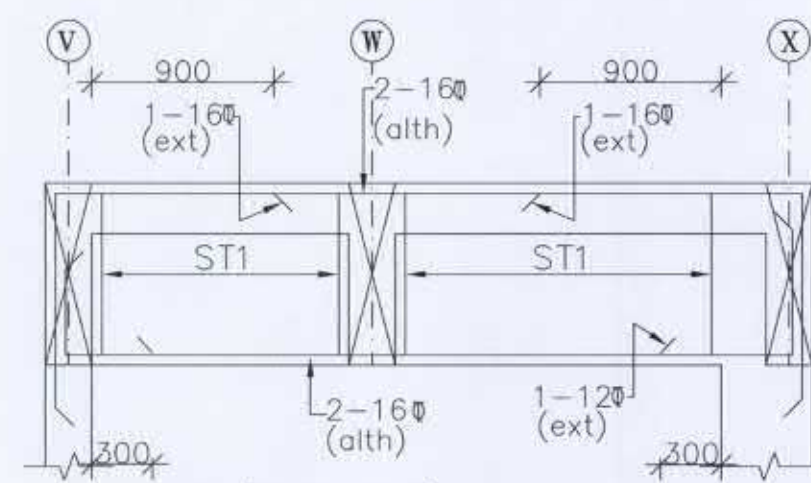
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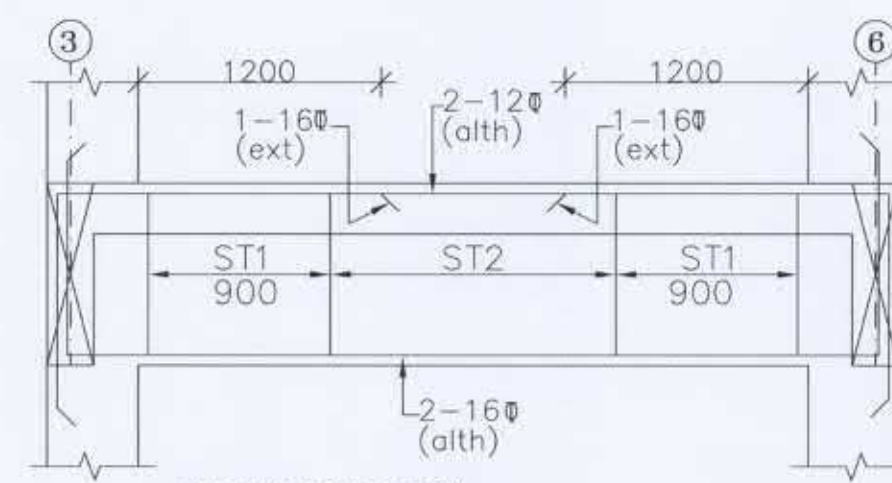
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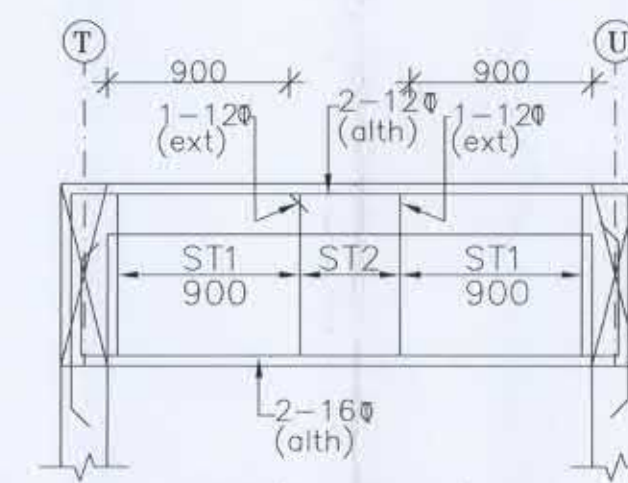
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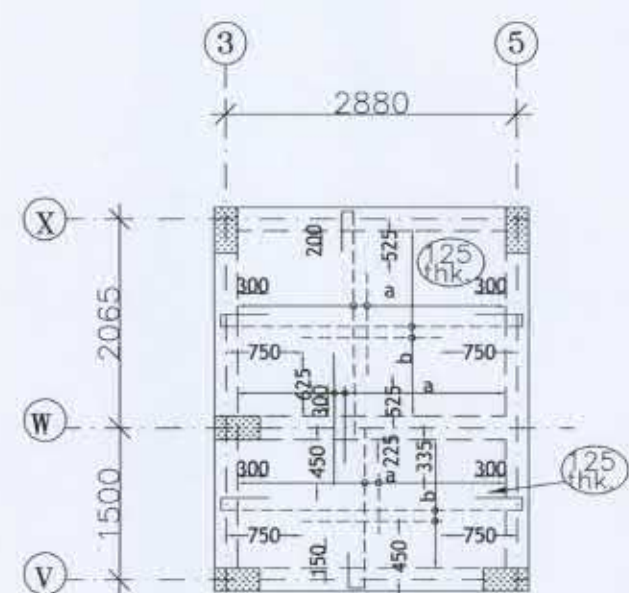
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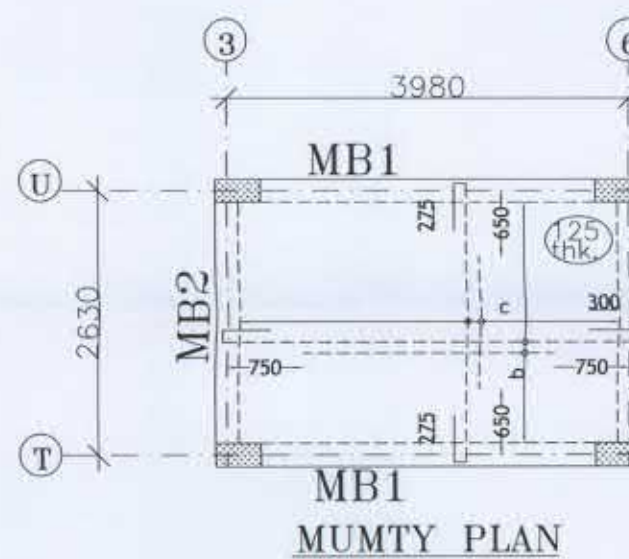
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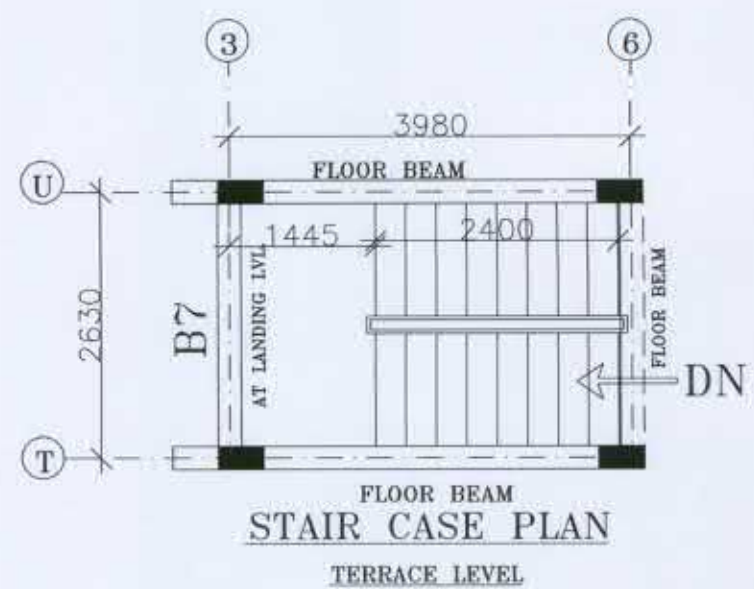
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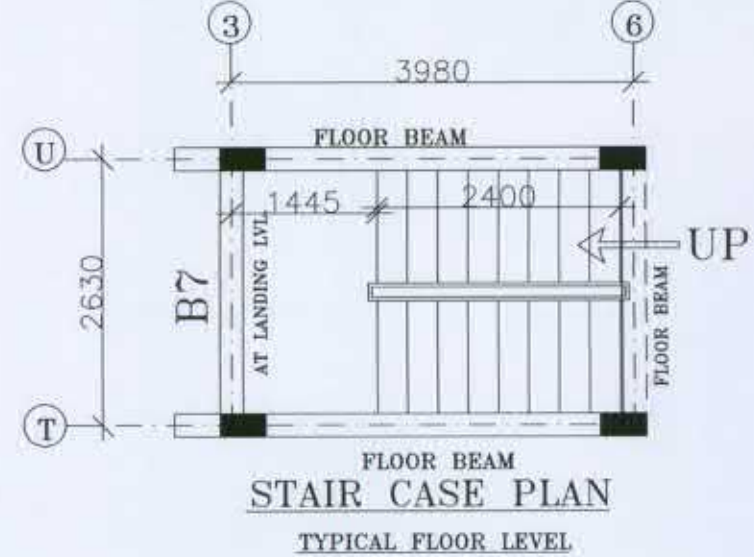
SLAB PLAN SUPPORTING WATER TANK
+600 above terrace level



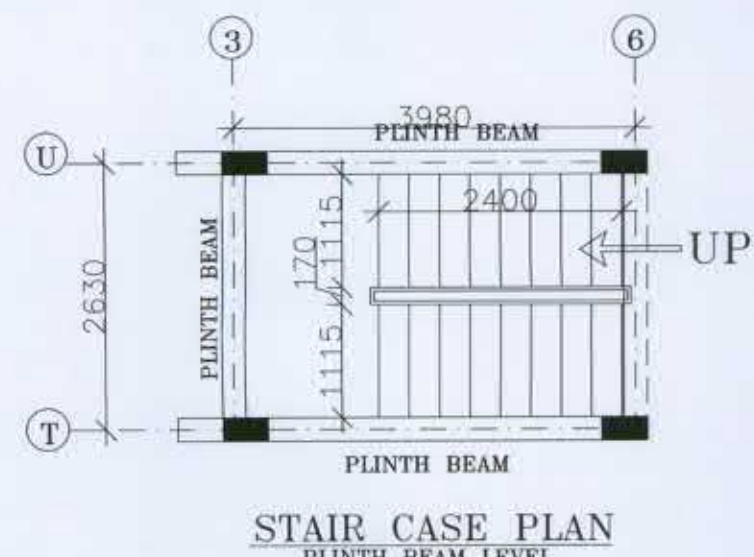
MUMTY PLAN



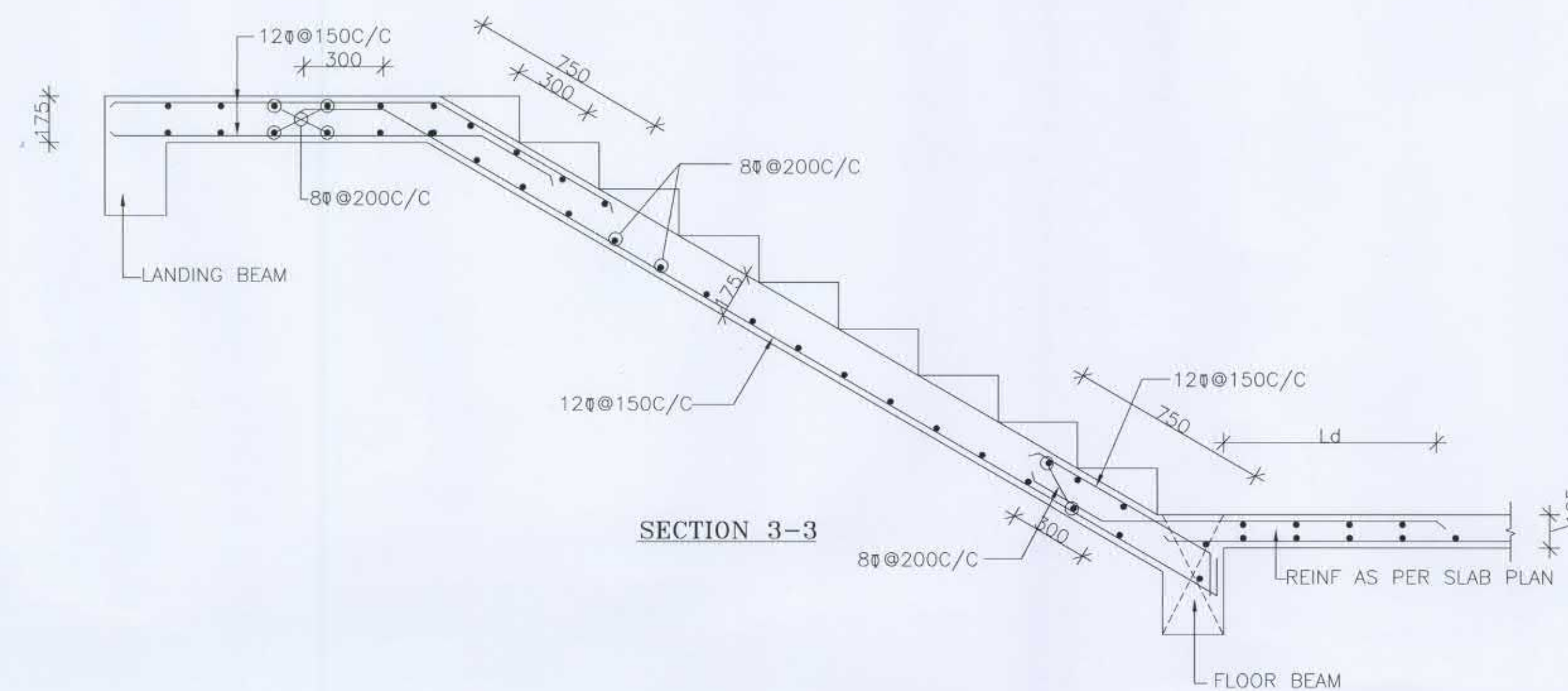
STAIR CASE PLAN
TERRACE LEVEL



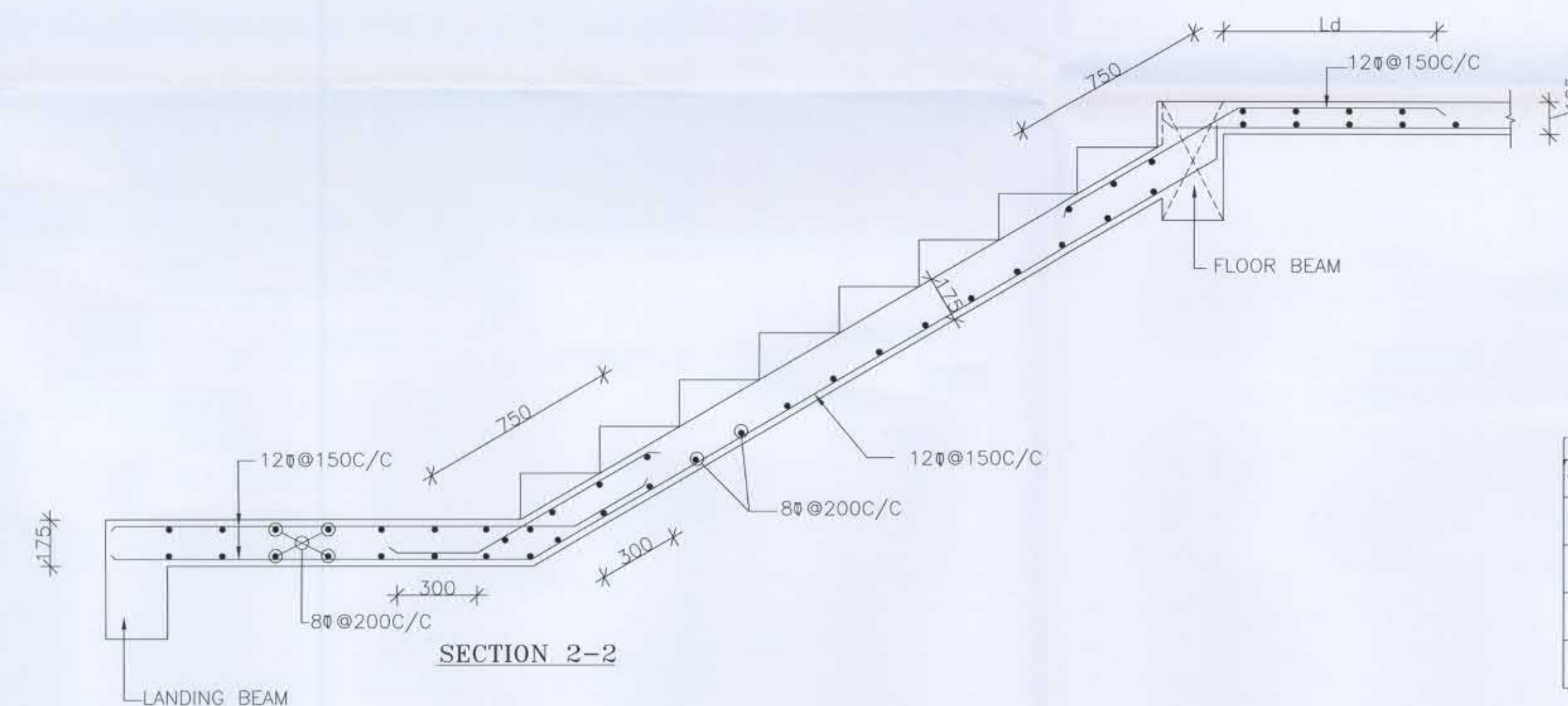
STAIR CASE PLAN
TYPICAL FLOOR LEVEL



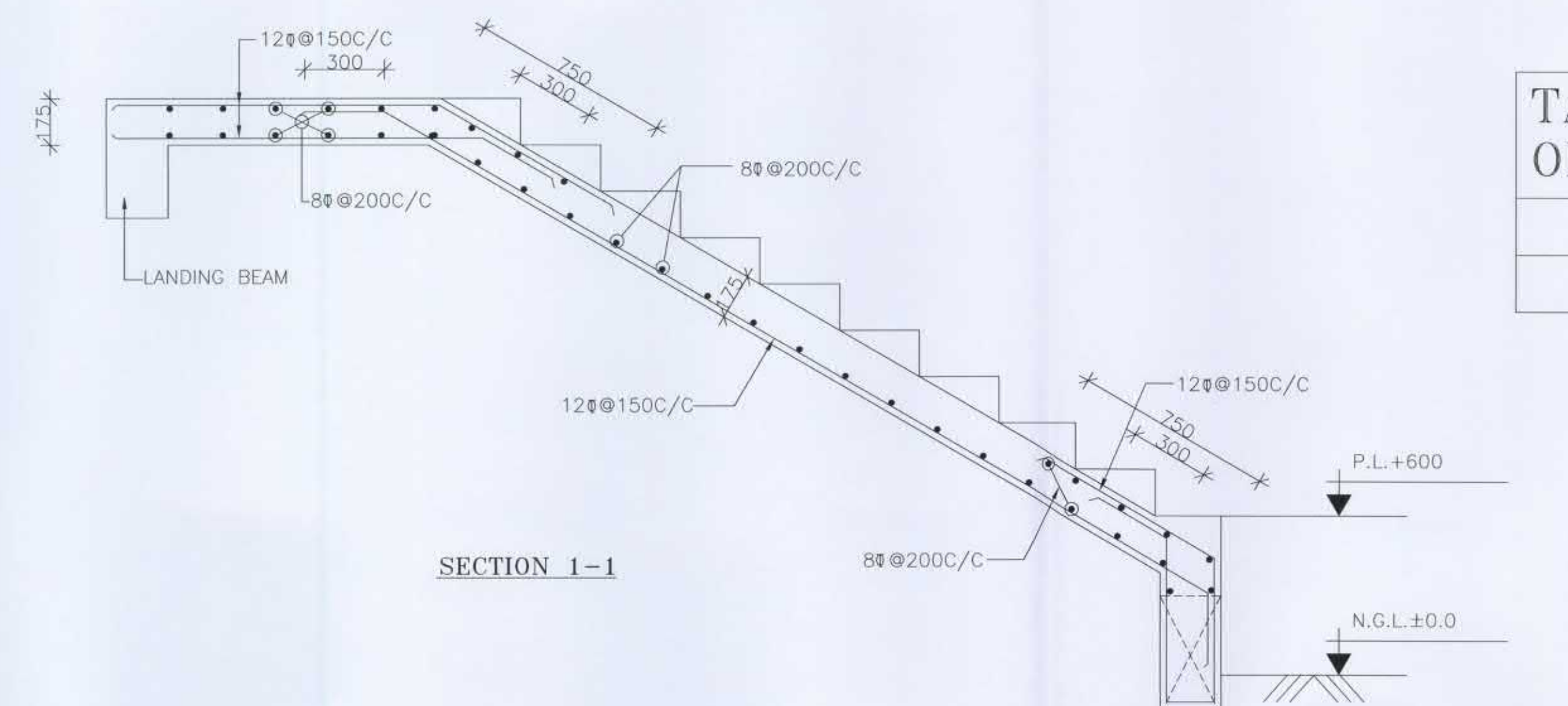
STAIR CASE PLAN
PLINTH BEAM LEVEL



SECTION 3-3



SECTION 2-2



SECTION 1-1

TABLE FOR SLAB REINFORCEMENT		
S.NO.	TYPE OF BARS	DIA-SPACING
1.	a	10@200C/C
2.	b	8@200C/C
3.	c	8@175C/C

TABLE FOR STIRRUPS OF BEAMS		
1	ST1	8@-2L-100C/C
2	ST2	8@-2L-200C/C

NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- THE DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING. ANY DISCREPANCY BETWEEN ARCH. DRAWING AND STRUCTURAL DRAWING SHALL BE RECONCILED BEFORE EXECUTION.
- DULY WRITTEN DIMENSIONS ARE TO BE FOLLOWED. NEITHER THE BARS SHALL BE COUNTED NOR THE DIMENSION SCALED FROM DRAWINGS.
- WATER FOR CONSTRUCTION PURPOSES SHALL CONFORM TO RELEVANT CLAUSES OF I.S. 456-2000.
- ALL REINFORCED CEMENT CONCRETE SHALL BE DESIGN MIX M-25 CONFORMING TO I.S.: 456-2000. STONE AGGREGATE SHALL BE 20 mm NOMINAL SIZE.
- ALL STEEL REINFORCEMENT SHALL BE OF HYSD Fe 415 ALTERNATIVELY CAN BE USED T.M.T BARS CONFORMING TO I.S. 1786-1985 WITH MIN. YIELD STRESS / 0.2% PROOF STRESS OF 415 N/Sqmm. (GRADE Fe-415)
- LAP/DEVELOPMENT LENGTH FOR REINF. BARS ARE AS FOLLOWS :-

a) GRADES	Ldt	Ldc
M25, Fe 415	41#	34#
- LAP IN COLUMN SHALL BE PROVIDED AT MIDHALF LENGTH.
- ALL BRICK IN THE MASONRY SHALL HAVE CHARACTERISTIC STRENGTH 7.5 N/mm² UNLESS OTHERWISE SPECIFIED AND LAID IN 1:6 (1 CEMENT : 6 SAND) MORTAR.
- CLEAR COVER FOR:-

SLAB - 20mm
BEAM - 25mm
COLUMNS - 40mm
- LAP SHOULD NOT BE PROVIDED IN BEAM.

a) WITHIN A JOINT
b) WITHIN A DISTANCE 2 d FROM JOINT FACE.
c) WITHIN A DISTANCE 1/4 LENGTH OF MEMBER FROM THE JOINT FACE.
- NOT MORE THAN 50% OF BAR SHALL BE SPLICED AT ONE SECTION.
- THE REINFORCEMENT DETAILING SHALL BE AS PER IS: 13920.
- CONSTRUCTION JOINT SHALL BE MADE VERTICAL BY PROPER TEMPLATE WITH SLOTS FOR ACCOMMODATING REINFORCEMENT BARS. THE JOINT SHALL BE TREATED IN ACCORDANCE WITH I.S. 11817.
- THE CONSTRUCTION JOINT SHALL BE PLANNED AND APPROVED BY THE ENGINEER IN CHARGE.
- BUILDING HAS BEEN DESIGNED FOR (G+3) STOREY AND FOR SEISMIC ZONE IV AS PER IS:1893, (PART-I) 2002
- NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION. ACCORDINGLY THE LAPS SHOULD BE STAGGERED AND C/C DISTANCE BETWEEN LAPS SHOULD NOT BE LESS THAN 1.3Ld, WHERE Ld IS THE DEVELOPMENT LENGTH OF BARS.

No. Revision/Issue Date

NAME OF WORK :
CONSTRUCTION OF GROUP HOUSING
AT SECTOR- ETA-II, PLOT NO-GH.05, GH.04
AND GH.02, GREATER NOIDA

CLIENT :



G.M. PLANNING AND ARCHITECTURE,
GREATER NOIDA INDUSTRIAL DEVELOPMENT
AUTHORITY
H-169, CHITWAN ESTATE, SECTOR - GAMMA,
GREATER NOIDA CITY - 201308
DISTT. GAUTAM BUDDH NAGAR (U.P.) INDIA

STRUCTURE CONSULTANTS:



SWATI STRUCTURE SOLUTION PVT. LTD.
503, SACHDAVA CORPORATE TOWER,
PLOT NO-8, SECTOR-8 ROHINI, DELHI-85
Ph. 27941517, 27941518
E-mail: -swaticonsultant@gmail.com

ARCHITECT :

DEXTEROUS DESIGNERS & ASSOCIATES
architects, interior designers
& urban planners
f-10/d-2, KRISHNA APRA ROYAL PLAZA
ALPHA COMMERCIAL BELT, ALPHA-1,
GREATER NOIDA.

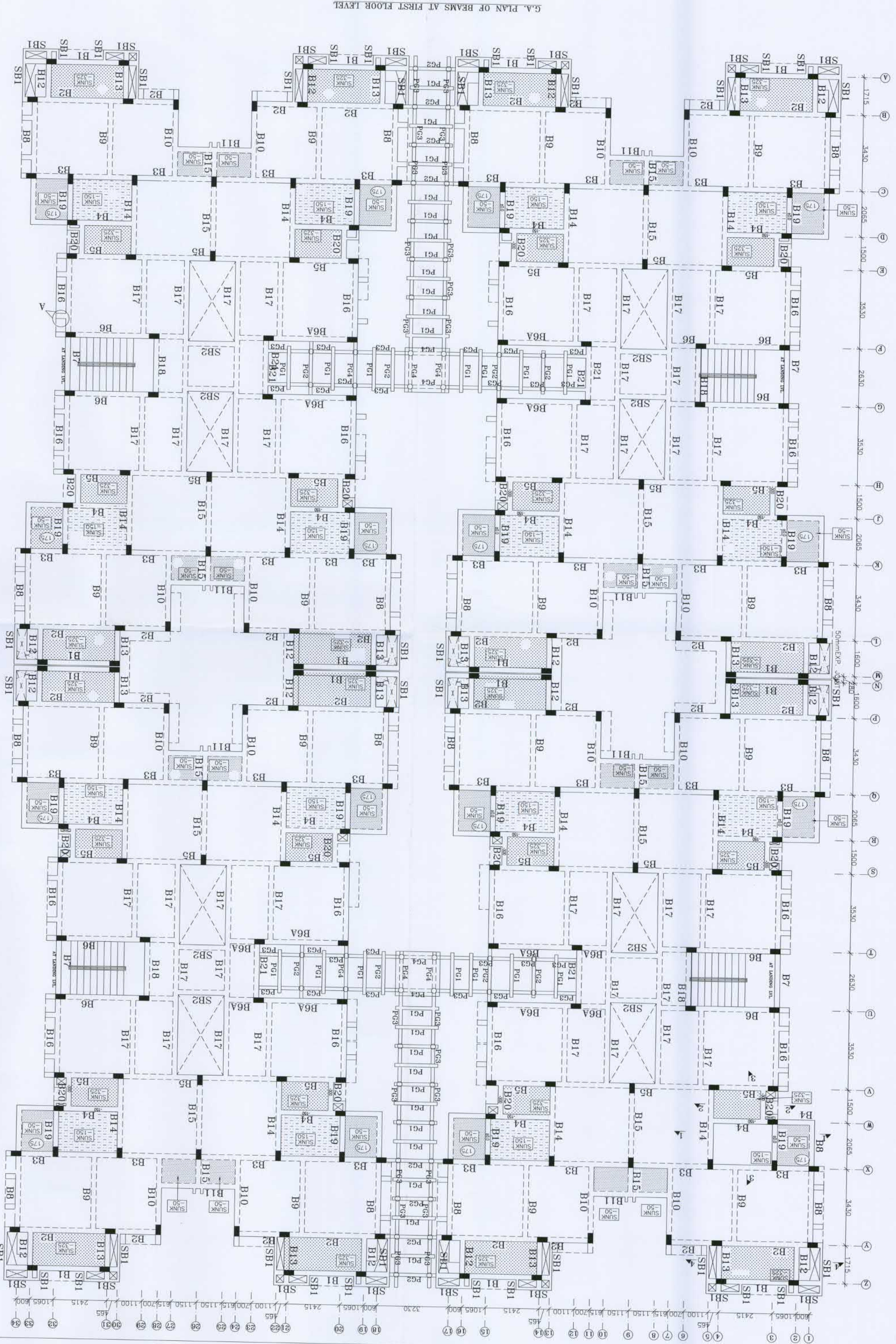
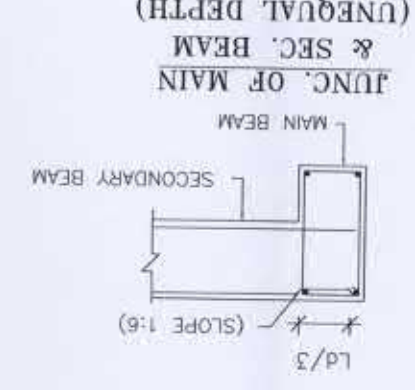
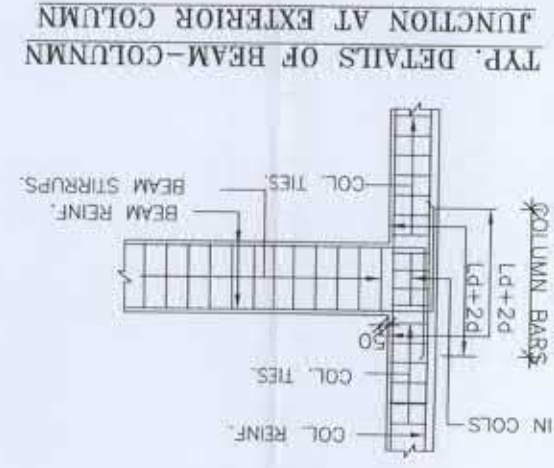
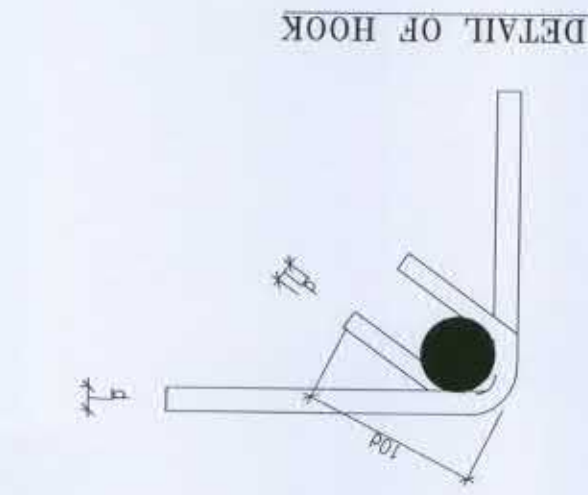
DWG. TITLE :
DETAIL OF STAIR CASE,
MUMTY & SUPPORTING
SLAB WATER TANK
: 16 UNIT BLOCK
DATE : 17-04-2010
SCALE : 1:50 & 1:25

DEALT :
RAJESH
DESIGN :
V. KUMAR
CHKD :
S. OJHA
Sheet No.
DDA/GNIDA/RF/ETA-11/ST-09

Approved
Dr. S. N. Sinha
Professor
Civil Engineering Department
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110 016

Diagram of a rectangular label with a dashed line. The label is divided into two sections. The top section contains the text "TOP REINFORCEMENT" and "SLAB nos". The bottom section contains the text "BOTTOM REINFORCEMENT" and "SUNK". There is a small circle on the right side of the label.

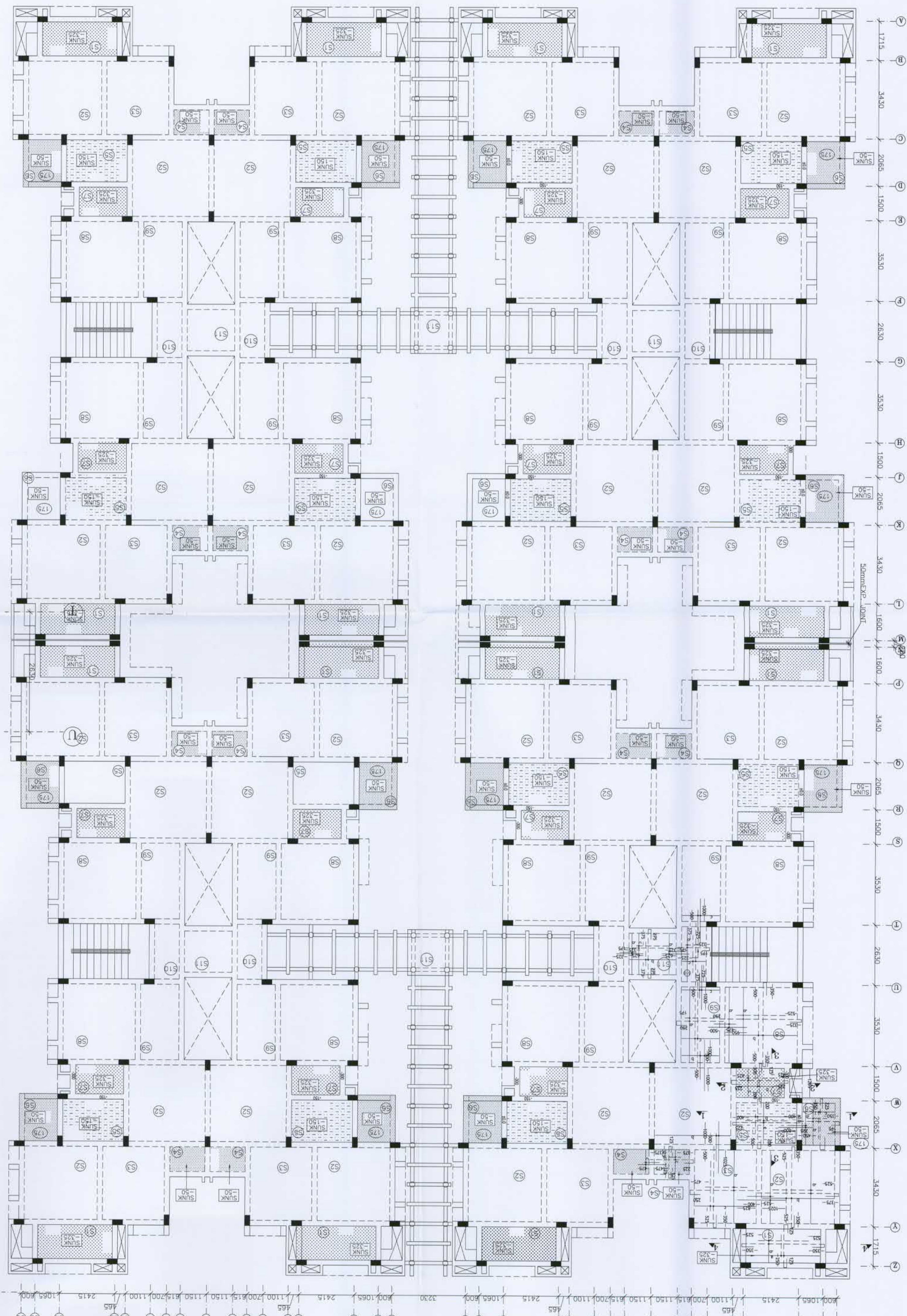
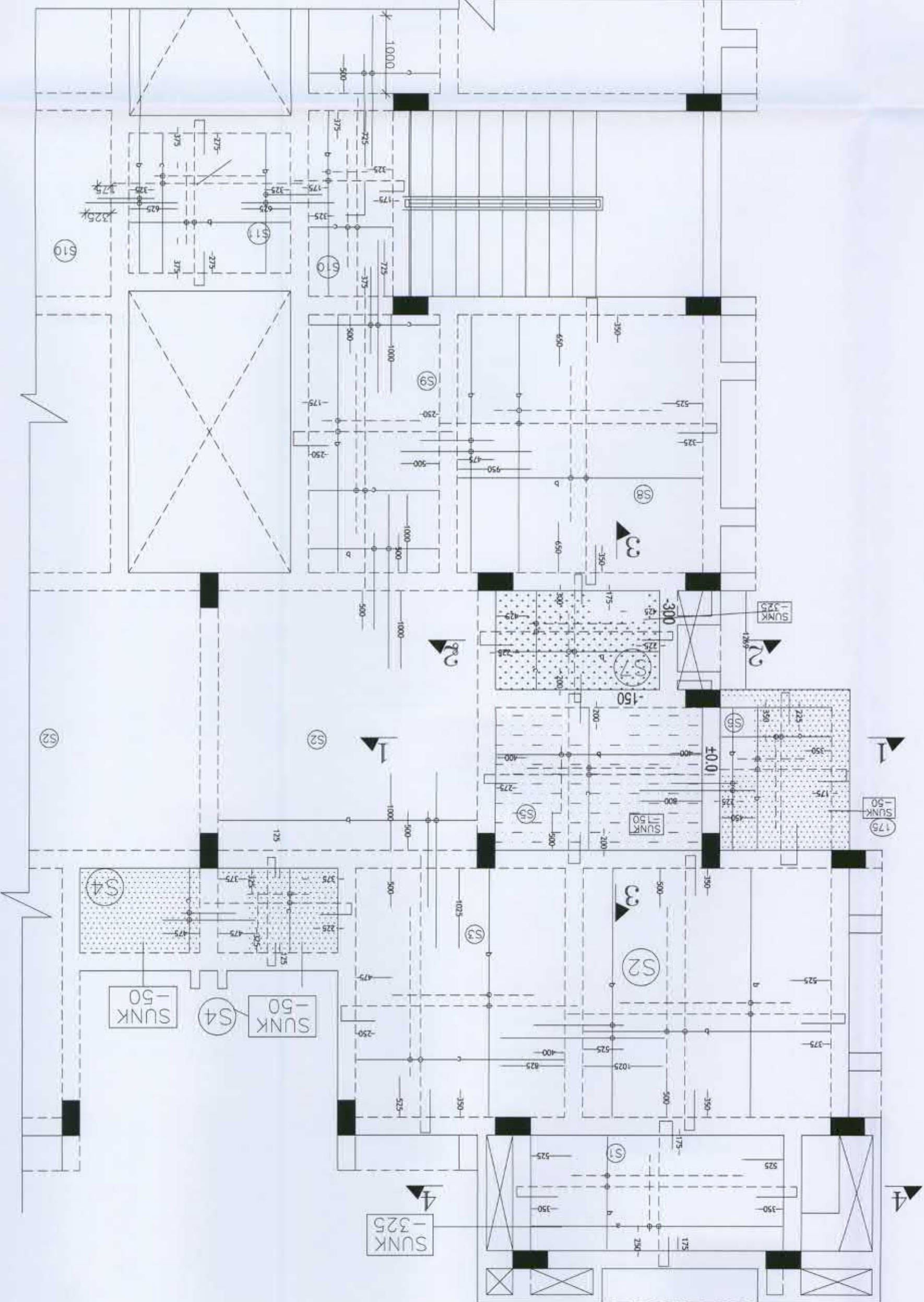
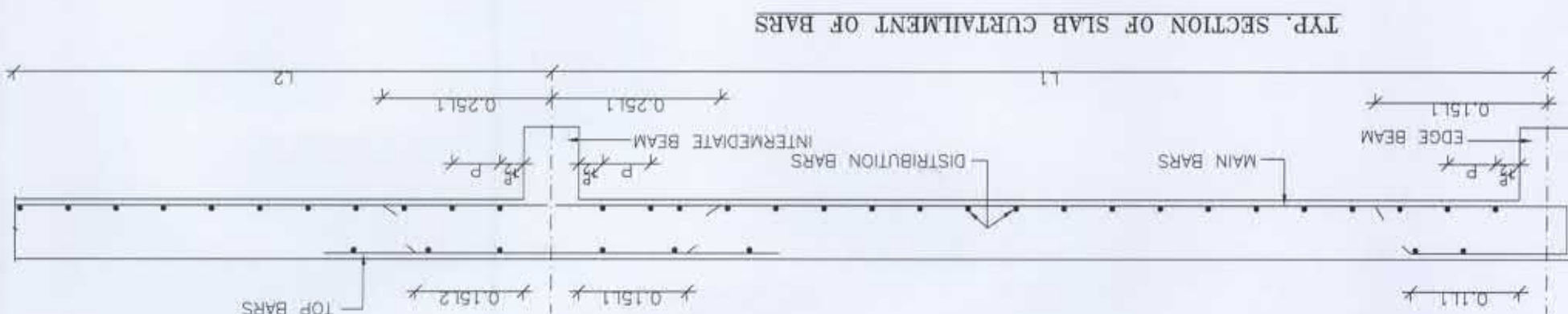
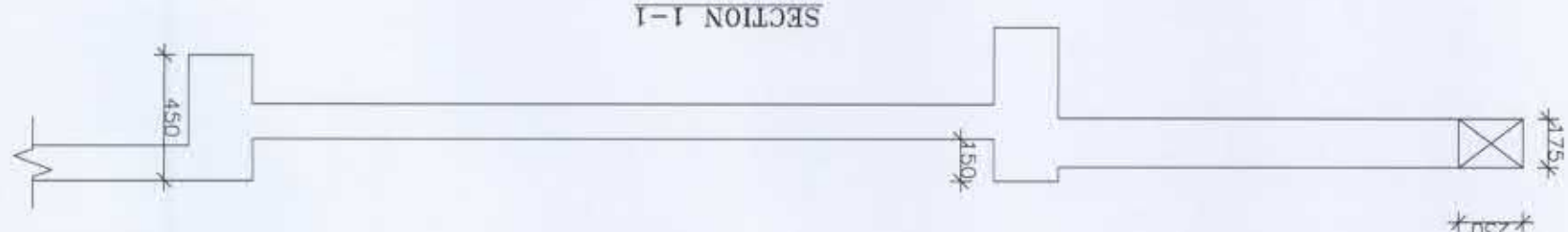
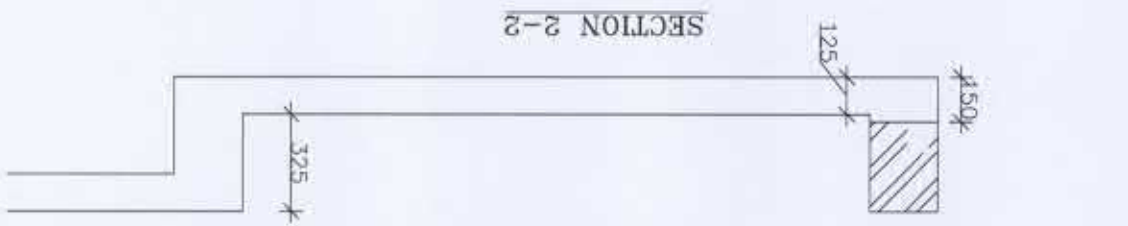
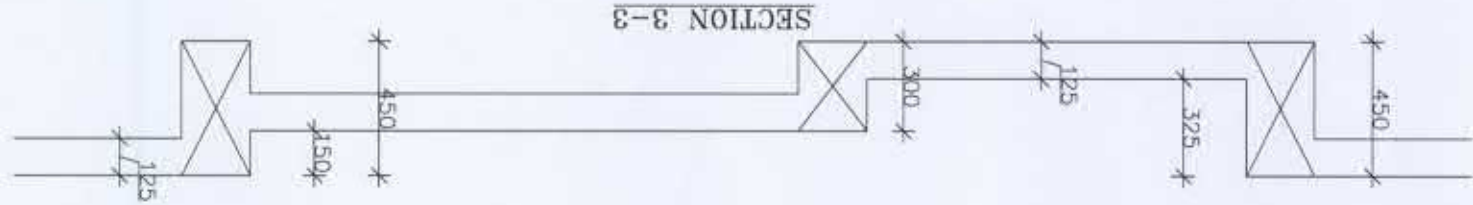
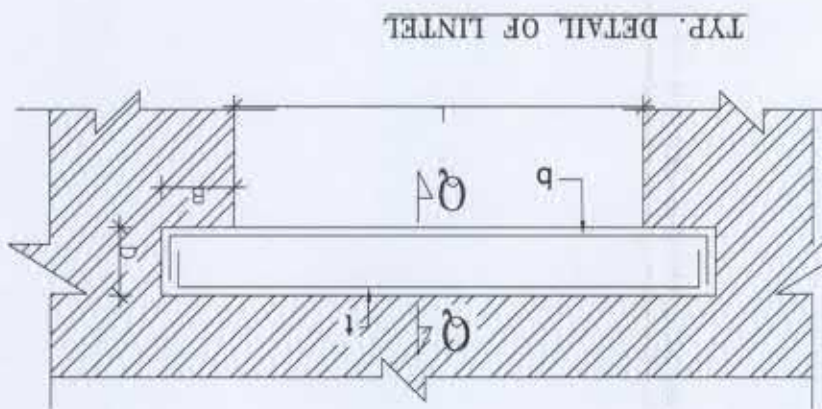
1	ST1	80-2L-100C/C
2	ST2	80-2L-200C/C
3	ST3	80-2L-125C/C
4	ST4	80-2L-225C/C

NOTES:-

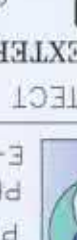
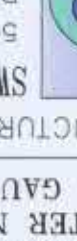
Typical detail of lintel cross-section showing reinforcement and dimensions. The diagram illustrates a horizontal reinforcement bar (labeled 1) embedded in a concrete wall. The wall has a total thickness of 24 inches. The reinforcement bar is positioned 4 inches from the top and 4 inches from the bottom of the wall. The distance between the reinforcement bars is labeled as 16 inches. The reinforcement bar is labeled as 1. The wall is shown with a cross-hatched pattern. The diagram is labeled 'TYP. DETAIL OF LINTEL'.

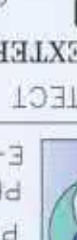
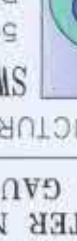
NOTATION:-

TOP REINFORCEMENT	_____
BOTTOM REINFORCEMENT	-----
SLAB nos	○
SUNK	□



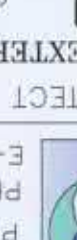
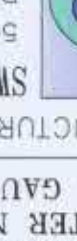
G.A. PLAN OF SLAB AT FIRST FLOOR LEVEL.

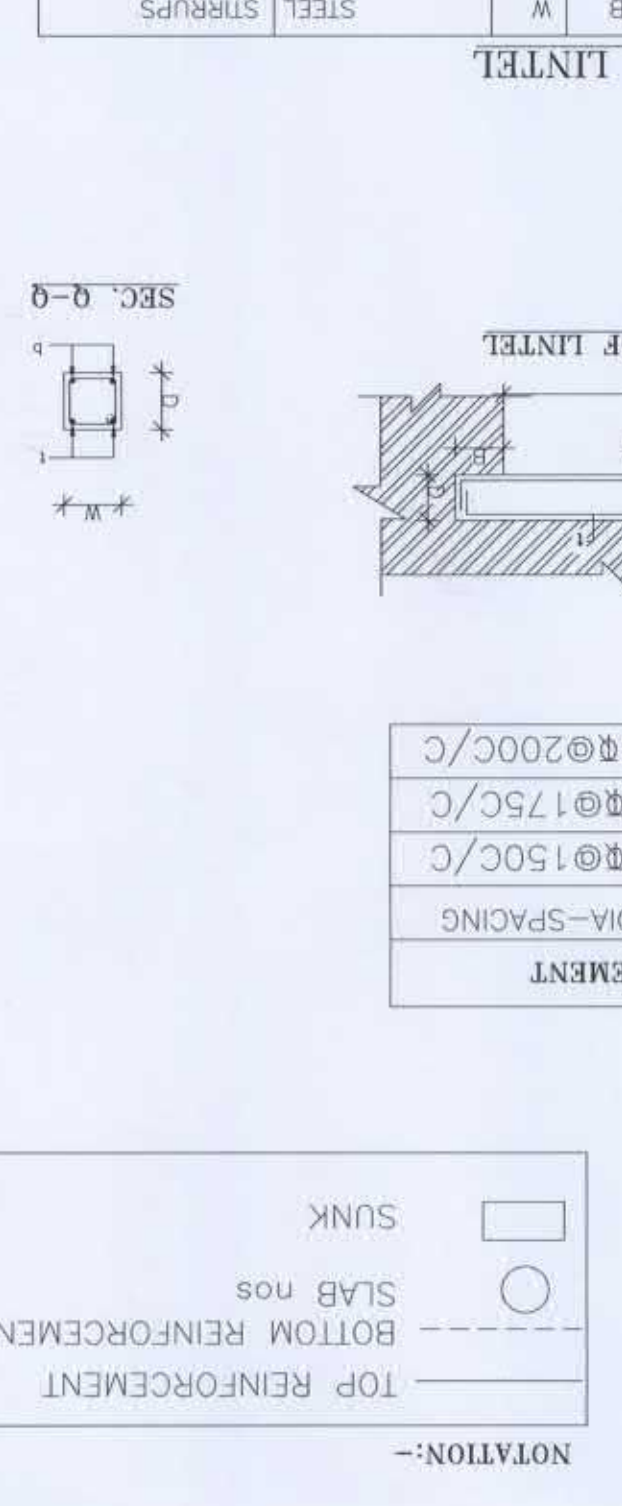
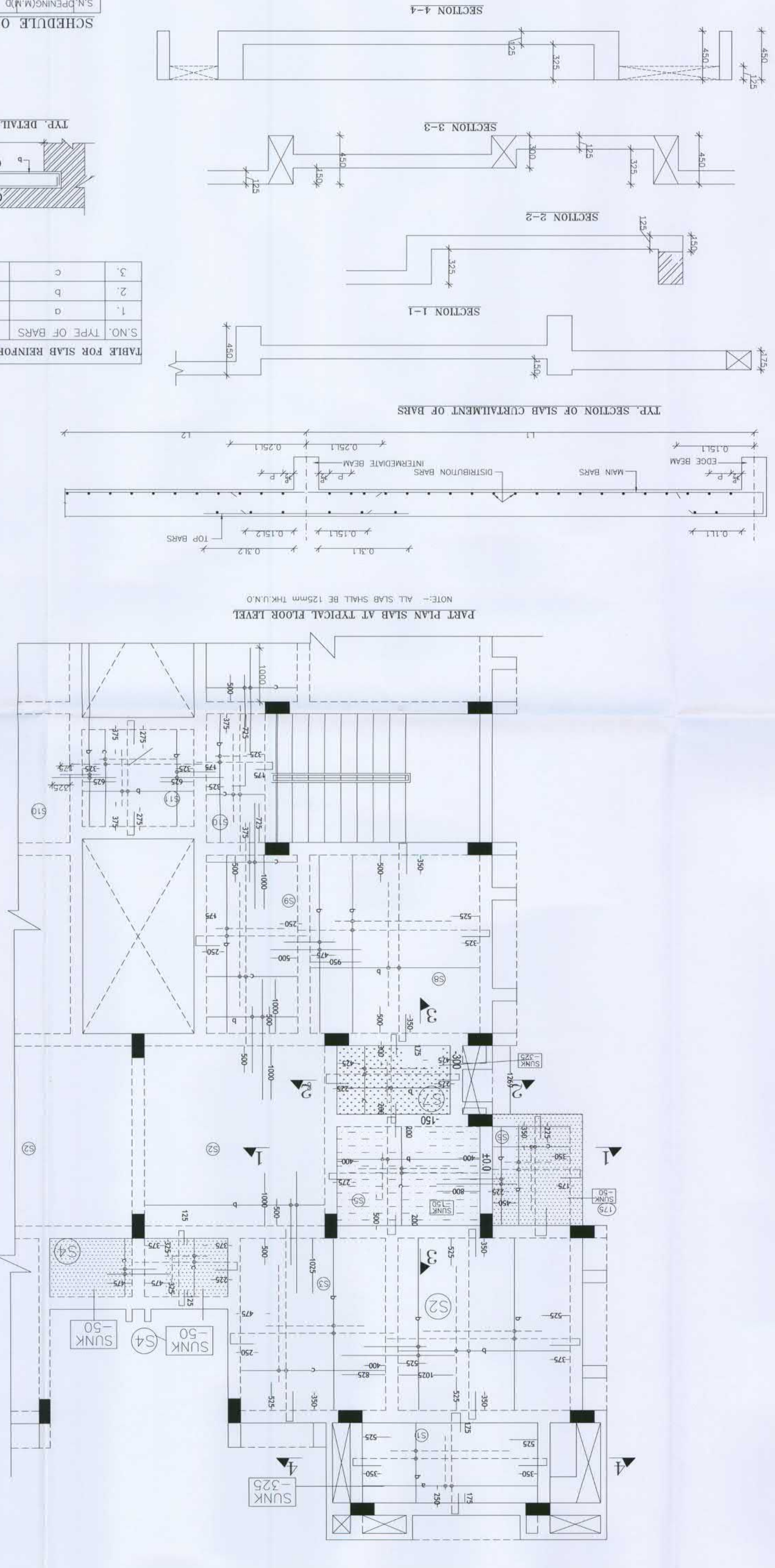
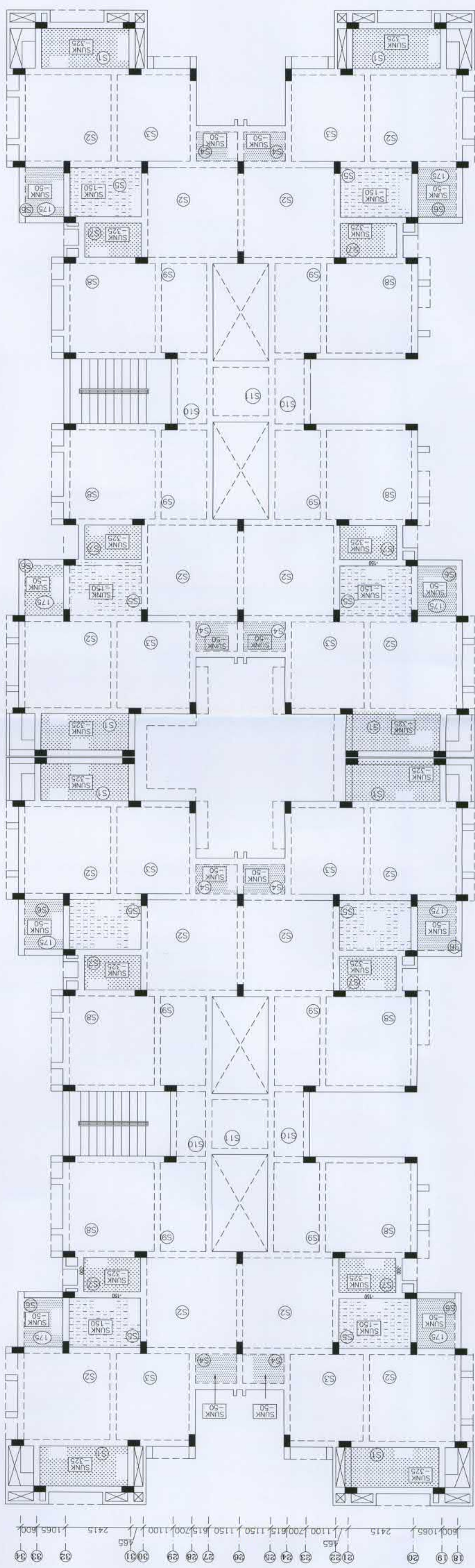
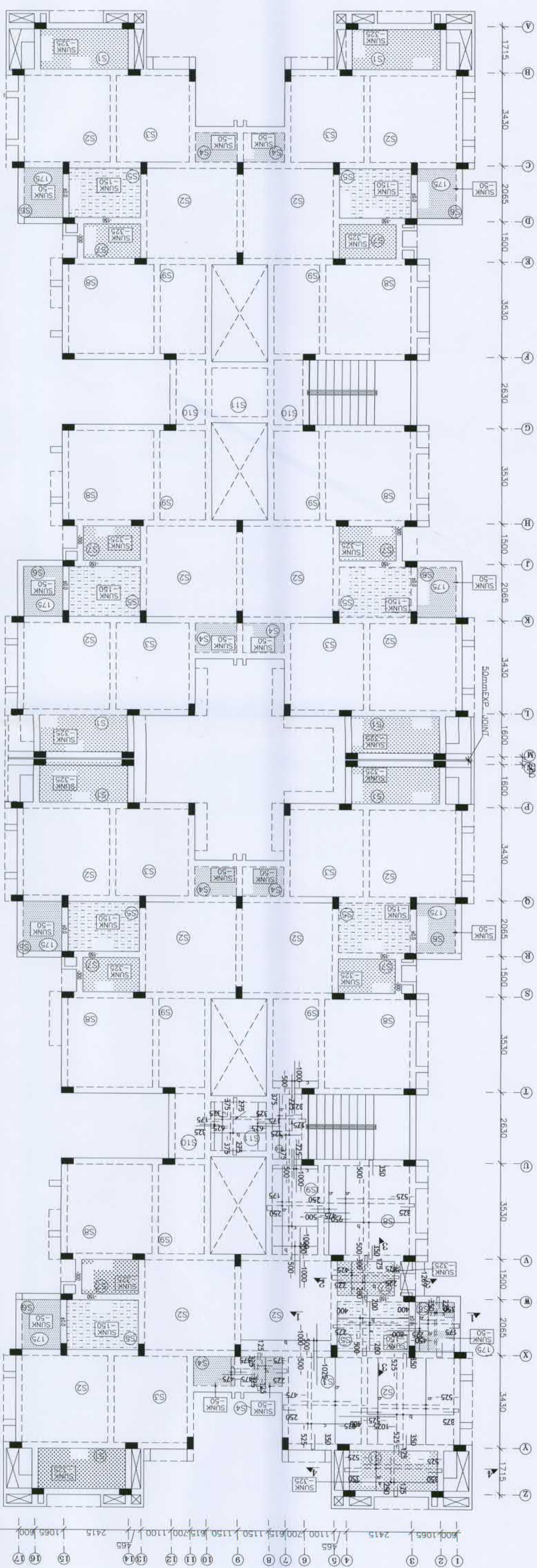
No.	Revision/Issue	Date	NAME OF WORK :
			CONSTRUCTION OF GROUP HOUSING AT SECTOR - PTA-II, PLOT NO-GH.05, GH.04 AND GH.02, GREATER NOIDA
			CLIENT :
			 M. PLANNING AND ARCHITECTURE, 1-169, CHITTARAN AVENUE, SECTOR - GAMMA, GREATER NOIDA INDUSTRIAL DEVELOPMENT, GREATER NOIDA CITY - 201308 INDIA
			SMART STRUCTURE SOLUTION PVT. LTD., 503, SACCHIDAVY CORPORATE TOWER, PLOT NO-48, SECTOR-B ROHINI, DELHI-85 E-mail:- swaticonsultant@gmail.com
			ARCHITECT :  D.K. ARCHITECTS AND ASSOCIATES architects, interior designers & urban planners T-10/4-2, Krishna apta royal plaza alpha commercial belt, alpha-1, greater noida,
			DWG. TITLE AT FIRST BLOCK 16 UNIT BLOCK DATE : 17-04-2010 SHEET NO. S. 04HA SCALE : 1:50 & 1:25 DOAC/NOIN/RE/PTA-II-57

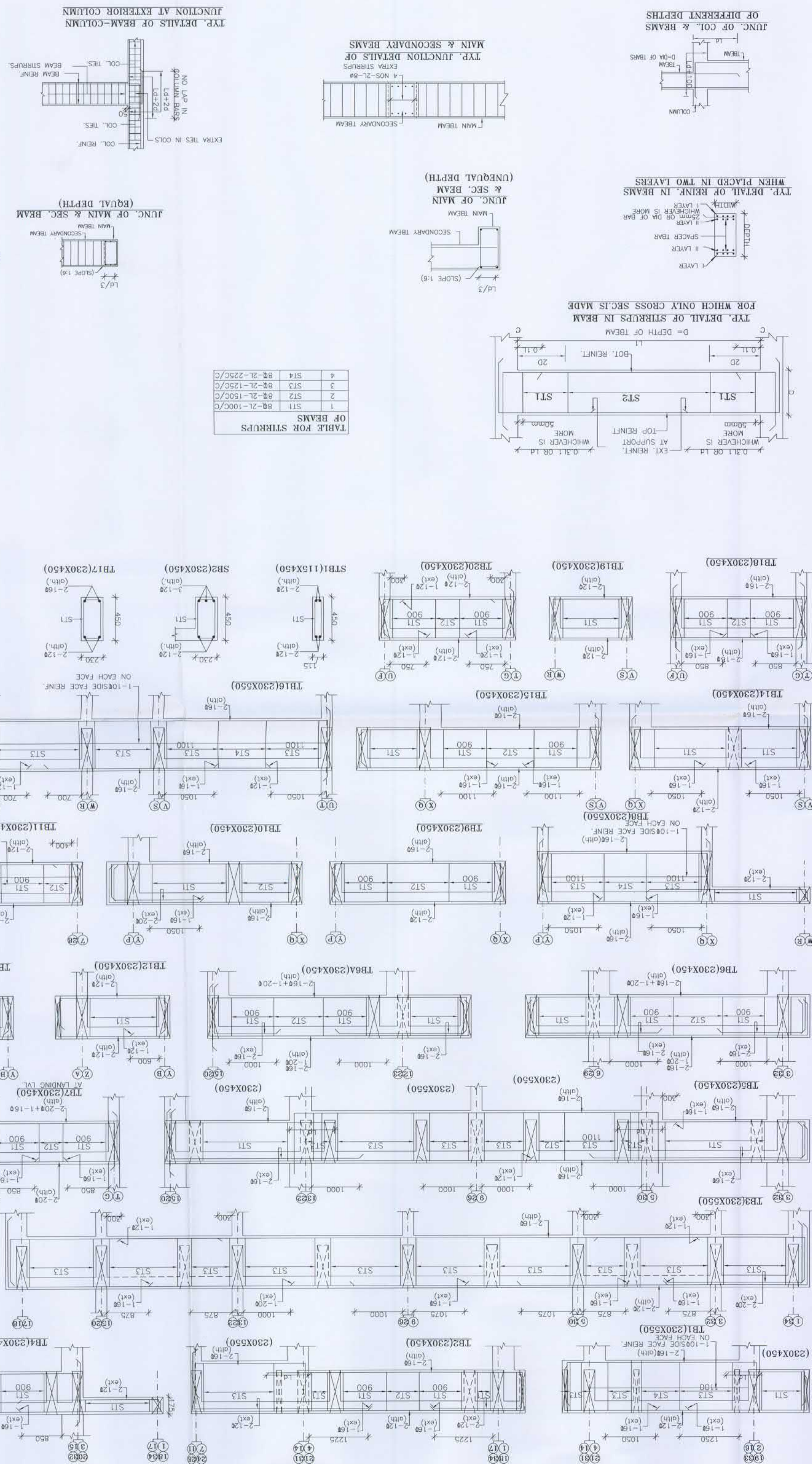
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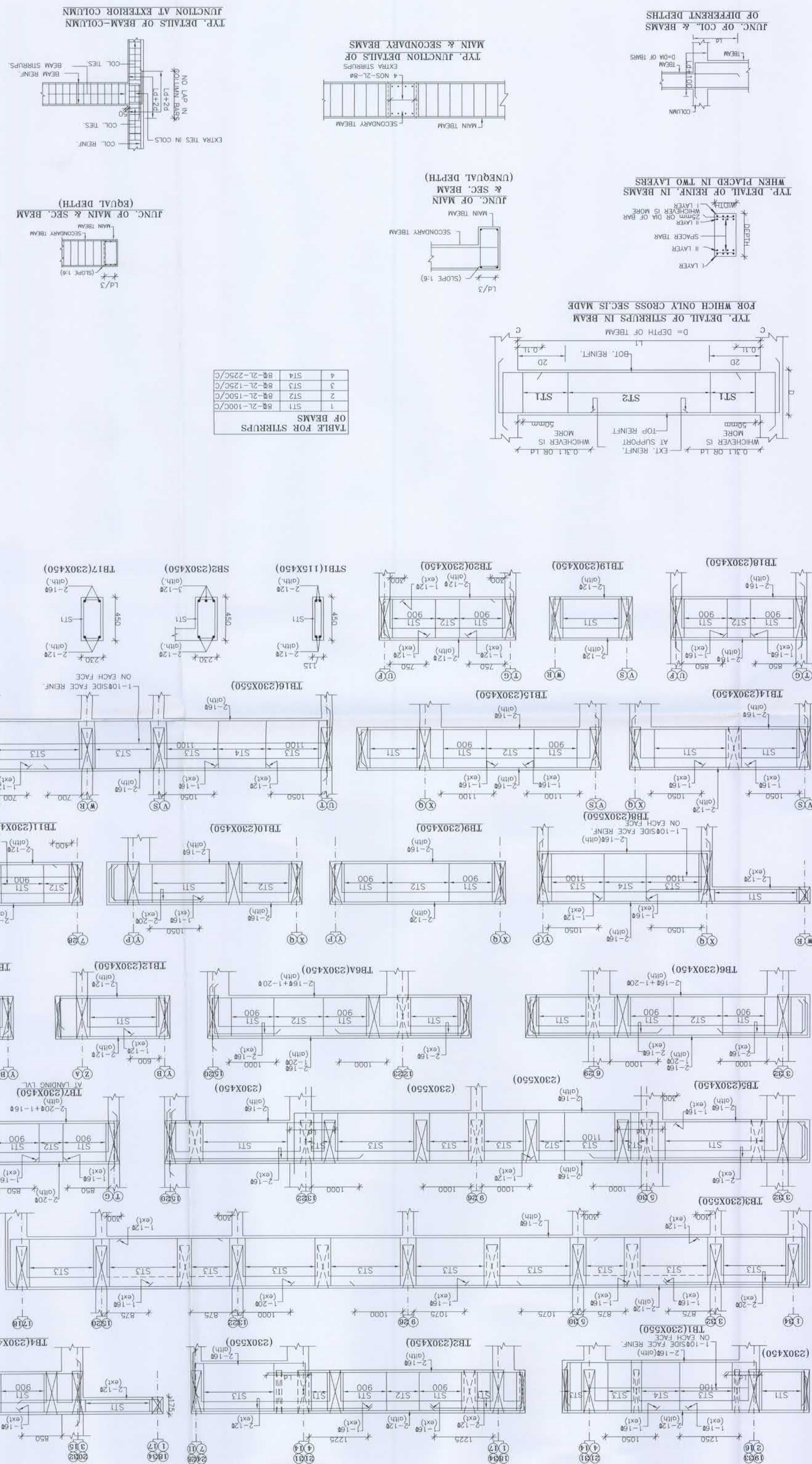


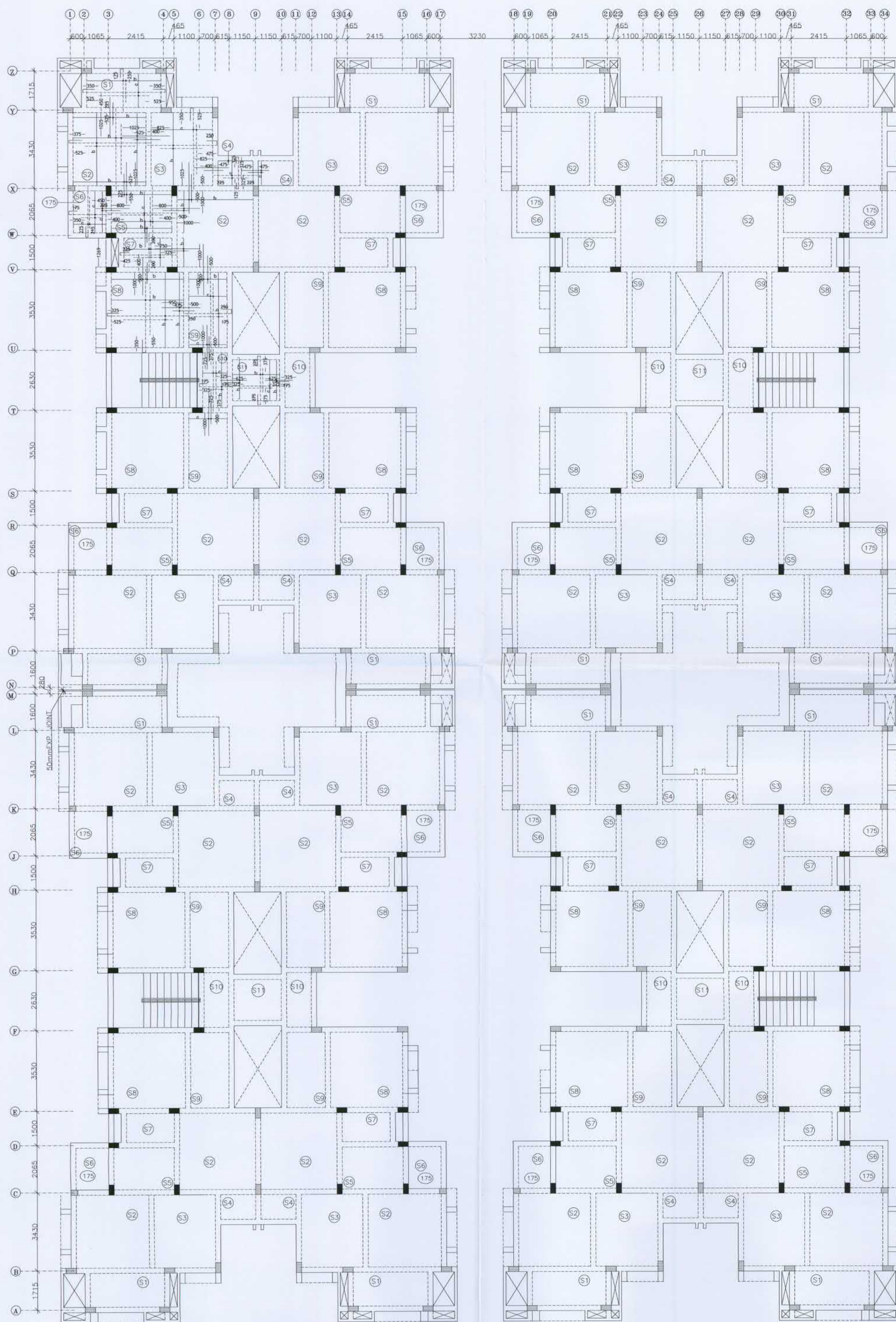
De. S. N. Sinha
 Professor
 Department of Technology (Civil)
 New Delhi-110 018

No.	Revision/Issue	Date	NAME OF WORK :
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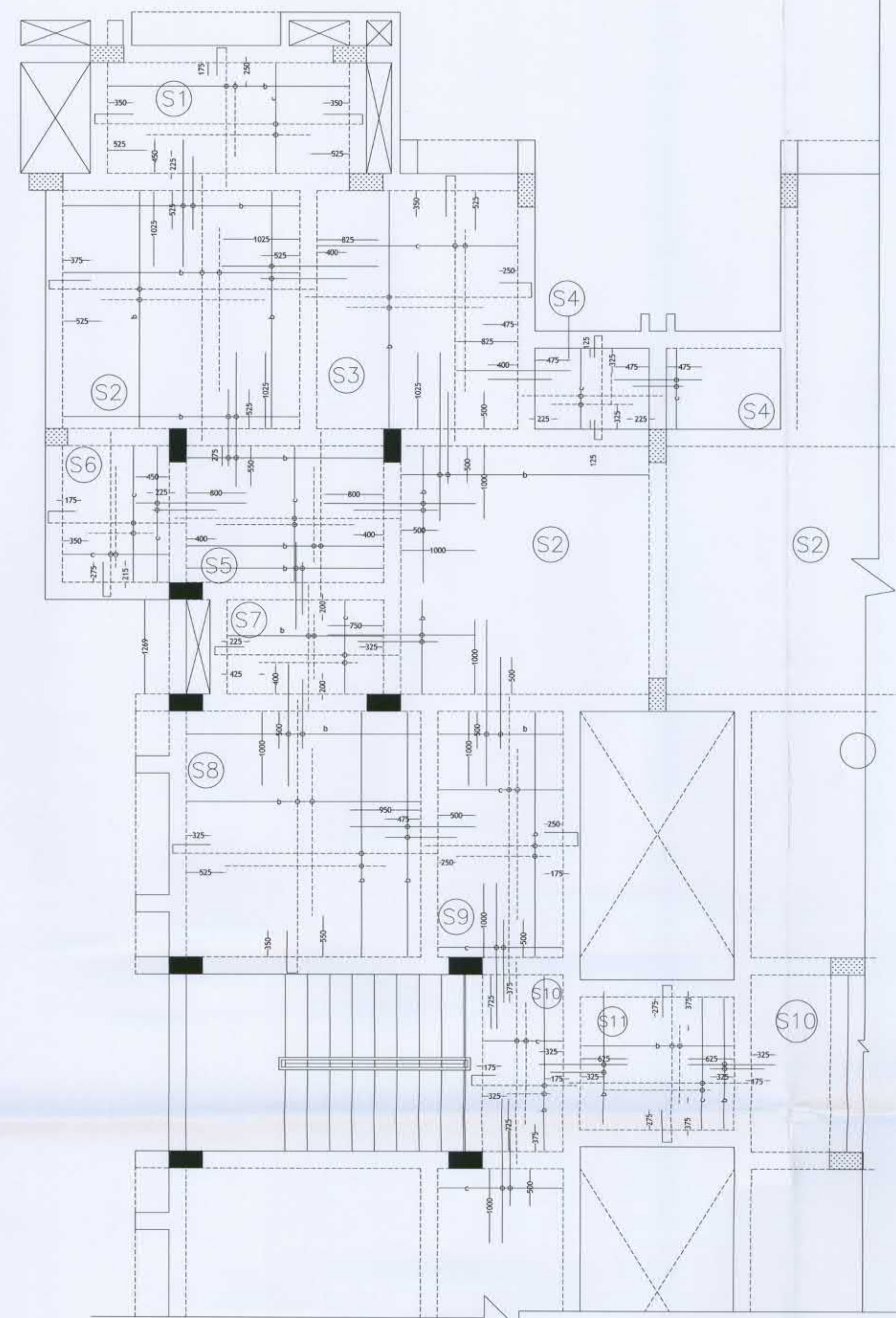




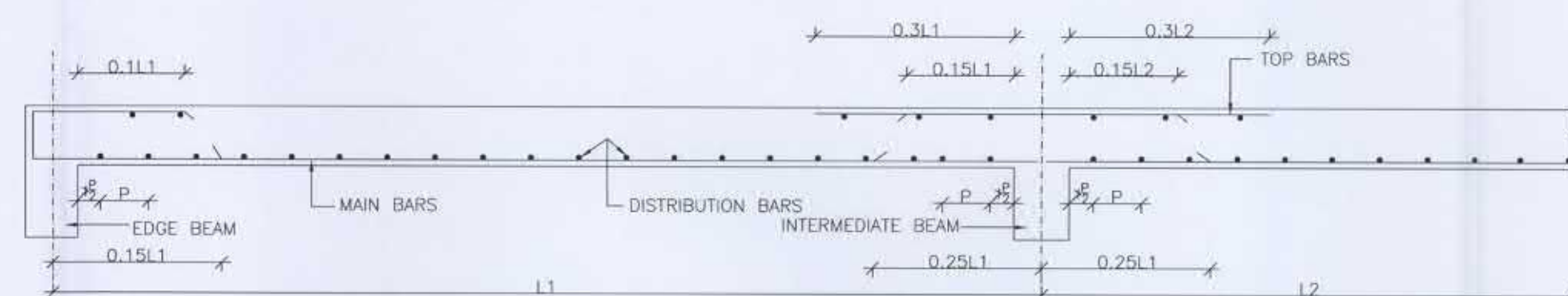




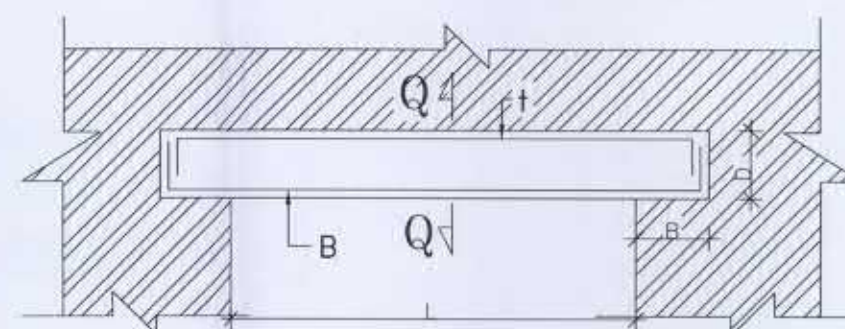
G.A. OF SLAB AT TERRACE FLOOR LEVEL
NOTE:- ALL SLAB SHALL BE 125mm THK.U.N.O



PART PLAN OF SLAB AT TERRACE FLOOR LEVEL
NOTE:- ALL SLAB SHALL BE 125mm THK.U.N.O



TYP. SECTION OF SLAB CURTAILMENT OF BARS



TYP. DETAIL OF LINTEL

TABLE FOR SLAB REINFORCEMENT		
S.NO.	TYPE OF BARS	DIA-SPACING
1.	a	8@150C/C
2.	b	8@175C/C
3.	c	8@200C/C

SCHEDULE OF LINTEL

S.N.	D.PENING(M.M)	D	B	W	STEEL		STIRRUPS
					B	t	
1.	UP TO 900	150	230	230	2-10	2-8	2L-8 @150C/C
2.	901TO1200	150	230	230	3-12	2-12	2L-8 @150C/C
3.	1201TO1500	200	230	230	3-12	2-12	2L-8 @150C/C
4.	1501TO2350	230	230	230	2-16 + 2-16	2-16	2L-8 @150C/C

NOTATION:-

TOP REINFORCEMENT
BOTTOM REINFORCEMENT
SLAB nos

NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- THE DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING. ANY DISCREPANCY BETWEEN ARCH. DRAWING AND STRUCTURAL DRAWING SHALL BE RECONCILED BEFORE EXECUTION.
- ALL WRITTEN DIMENSIONS ARE TO BE FOLLOWED. NEITHER THE BARS SHALL BE COUNTED NOR THE DIMENSION SCALED FROM DRAWINGS.
- WATER FOR CONSTRUCTION PURPOSES SHALL CONFORM TO RELEVANT CLAUSES OF I.S. 456-2000.
- ALL REINFORCED CEMENT CONCRETE SHALL BE DESIGN MIX M-25 CONFORMING TO I.S. 456-2000. STONE AGGREGATE SHALL BE 20 mm NOMINAL SIZE.
- ALL STEEL REINFORCEMENT SHALL BE OF HYSD Fe 415. ALTERNATIVELY CAN BE USED T.M.T BARS CONFORMING TO I.S. 1786-1985 WITH MIN. YIELD STRESS / 0.2% PROOF STRESS OF 415 N/mm² (GRADE Fe-415).
- LAP/DEVELOPMENT LENGTH FOR REINFORCING BARS ARE AS FOLLOWS:-
a) GRADES
M25, Fe 415
b) LAP IN COLUMN SHALL BE PROVIDED AT MIDHALF LENGTH.
c) ALL BRICK IN THE MASONRY SHALL HAVE CHARACTERISTIC STRENGTH 7.5 N/mm² UNLESS OTHERWISE SPECIFIED AND LAD IN 1:6 (1 CEMENT : 6 SAND) MORTAR.
d) CLEAR COVER FOR:-
SLAB - 20mm
BEAM - 25mm
COLUMNS - 40mm
- LAP SHOULD NOT BE PROVIDED IN BEAM.
a) WITHIN A JOINT
b) WITHIN A DISTANCE 2 d FROM JOINT FACE.
c) WITHIN A DISTANCE 1/4 LENGTH OF MEMBER FROM THE JOINT FACE.
d) NOT MORE THAN 50% OF BAR SHALL BE SPLICED AT ONE SECTION.
e) THE REINFORCEMENT DETAILING SHALL BE AS PER IS: 13920.
- CONSTRUCTION JOINT SHALL BE MADE VERTICAL BY PROPER TEMPLATE WITH SLOTS FOR ACCOMMODATING REINFORCEMENT BARS. THE JOINT SHALL BE TREATED IN ACCORDANCE WITH IS: 11817.
- THE CONSTRUCTION JOINT SHALL BE PLANNED AND APPROVED BY THE ENGINEER IN CHARGE.
- BUILDING HAS BEEN DESIGNED FOR (G+3) STOREY AND FOR SEISMIC ZONE IV AS PER IS:1893 (PART-I) 2002.
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Approved
Dr. S. K. Sinha
Professor
Civil Engineering Department
Indian Institute of Technology Delhi
New Delhi-110 015

No. Revision/Issue Date

NAME OF WORK :
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AT SECTOR- ETA-II, PLOT NO-GH.05, GH.04
AND GH.02, GREATER NOIDA

CLIENT :

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greater noida.

DWG. TITLE
DETAIL OF SLAB & BEAM
AT TERRACE LVL.
:16 UNIT BLOCK
DATE : 17-04-2010
SCALE : 1:50 & 1:25
DEALT : RAJESH
DESIGN : V. KUMAR
CHKD : S. QJHA
Sheet No.
DDA/GNIDA/RF/ETA-11/ST-08



SEC. Q-Q