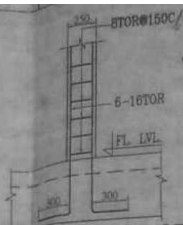
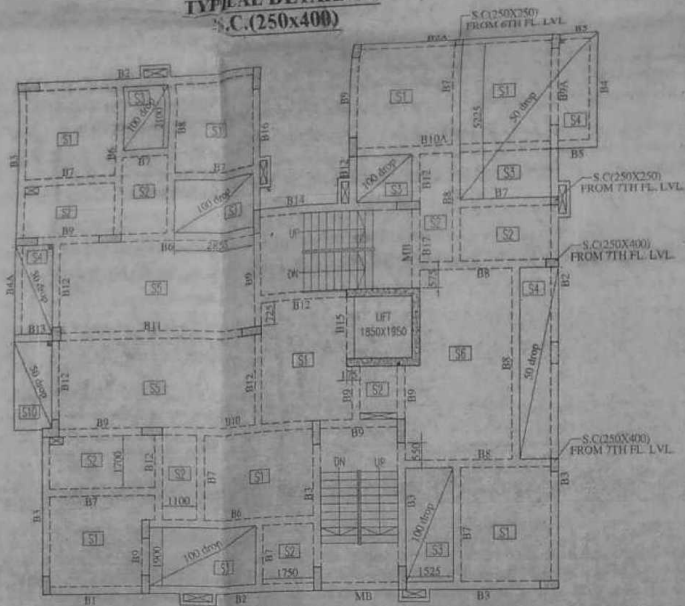
	C18	C19,C19A	C20,C21

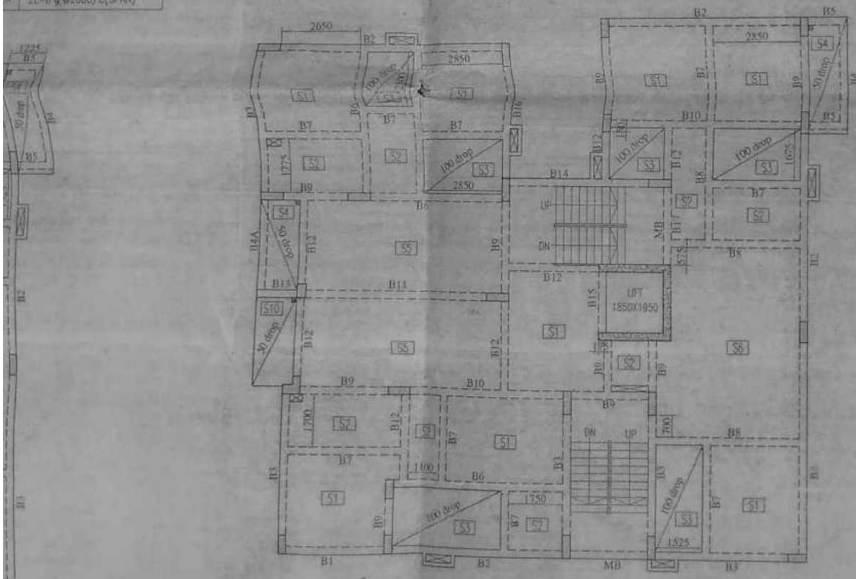
	SHEAR STIRRUPS
	2L-8ϕ @150C/C
	2L-8ϕ @150C/C
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)
	2L-8ϕ @150C/C
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @150C/C(SPAN)
	2L-8ϕ @150C/C
	2L-8ϕ @150C/C
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @150C/C(SPAN)
	2L-8ϕ @100C/C
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)
	2L-8ϕ @150C/C
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)
	2L-8ϕ @150C/C
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)
	2L-8ϕ @100C/C(SUPPT) 2L-8ϕ @200C/C(SPAN)



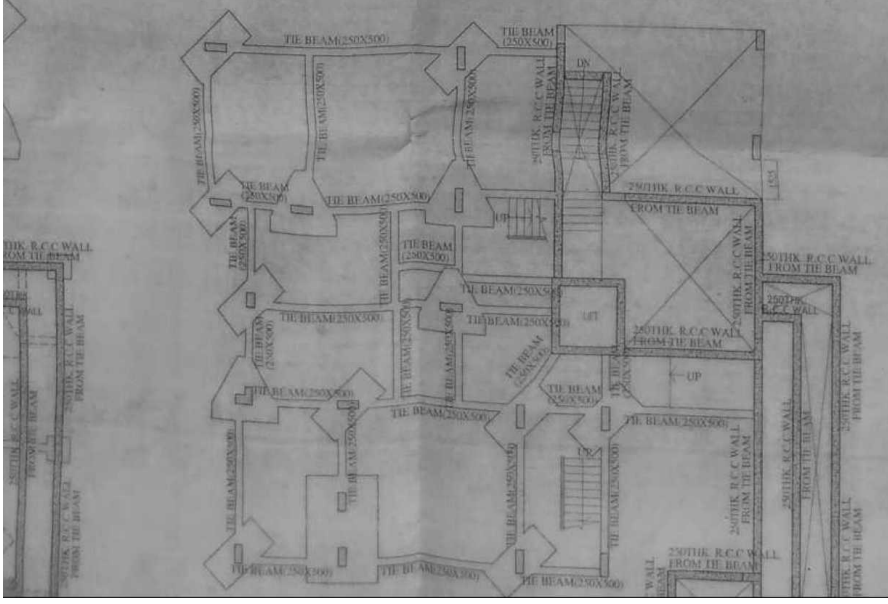
TYPICAL DETAIL OF S.C.(250x400)



7TH FLOOR BEAM LAYOUT



TYPICAL FLOOR BEAM LAYOUT (2ND FL. TO 6TH FL.)



NOTES:-

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMIDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMENCING THE WORK.
3. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
4. THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
5. GRADE OF CONCRETE AS/SCHEDULE
6. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
7. FOR STEEL GRADE Fe 500.
8. ALL DISTRIBUTION BARS ARE 8ϕ@250C/C AND TO BE PROVIDED WHEREVER REQUIRED.
9. ALL CHAIRS ARE 10ϕ AND TO BE PROVIDED WHEREVER REQUIRED.
10. ALL SPACER BARS ARE 25ϕ@900C/C AND TO BE PROVIDED WHWREVER REQUIRED.
11. LAPS, SPLICES & BOND LENGTH SHOULD BE 50D WHERE 'D' IS THE SMALLEST BAR DIA.
12. FOUNDATION & PUNTH - BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASSBRICK IN 1:6 CEMENT MORTAR.
13. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. COLUMN			40
b. FLOOR BEAM	30	30	30
c. TIE BEAM	30	30	30
d. FLOOR SLAB	20	20	20
e. PILE CAP	50	50	50

14. THIS DRAWING IS THE PROPERTY OF M/S S.P.A CONSULTANT AND CANNOT BE COPIED OR USED WITHOUT THEIR WRITTEN PERMISSION.

For Oswal Properties Private Limited

Director

SIGNATURE OF OWNER.

CERTIFICATE OF ARCHITECT

I DO HERE BY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER K.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME THAT THE WIDTH OF THE ABUTTING ROAD CONFORM WITH THE PLAN AND IT IS A BUILDABLE SITE NOT A TANK OR A FILLED UP TANK. THE SITE PLAN, LOCATION PLAN AGREES WITH THE SITE. THE PLOT IS DEMARCATED BY BOUNDARY WALLS & MEASUREMENTS TALLY WITH THE REGD. DEED PLAN. THE EXISTING STRUCTURE AS SHOWN FULLY OCCUPIED BY OWNERS AS PER OWNERS UNDERTAKING.

JAY PRAKASH BHARAT KUMAR AGRAWAL
B. Arch., A.I.I.A.
Reg. No. CA / 86 / 10668
ARCHITECT SL. NO. - 32(A)

SIGNATURE OF ARCHITECT

CERTIFICATE OF STRUCTURAL ENGINEER

THIS IS TO CERTIFY THAT THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

SANJIV J. PAREKH
M.E.-STRUCTURAL (CONST. ENG.),
B. C. E., FIE-F-018202-4
E. S. E. NO. 104 (I) K- M. C.

SIGNATURE OF STRUCTURAL ENGINEER

PROJECT

PROPOSED (G+VII) STOREYED RESIDENTIAL BUILDING AT PREMISES NO. 2097 CHAKGARIA , KOLKATA.
WARD NO. -109 , BOROUGH - XII , P.S. - PURBA JADAVPUR.

TITLE

CORPORATION DRAWING

ARCHITECTS

AGRAWAL & AGRAWAL
BARODA KOLKATA

STRUCTURAL ENGINEERS

S.P.A.CONSULTANTS