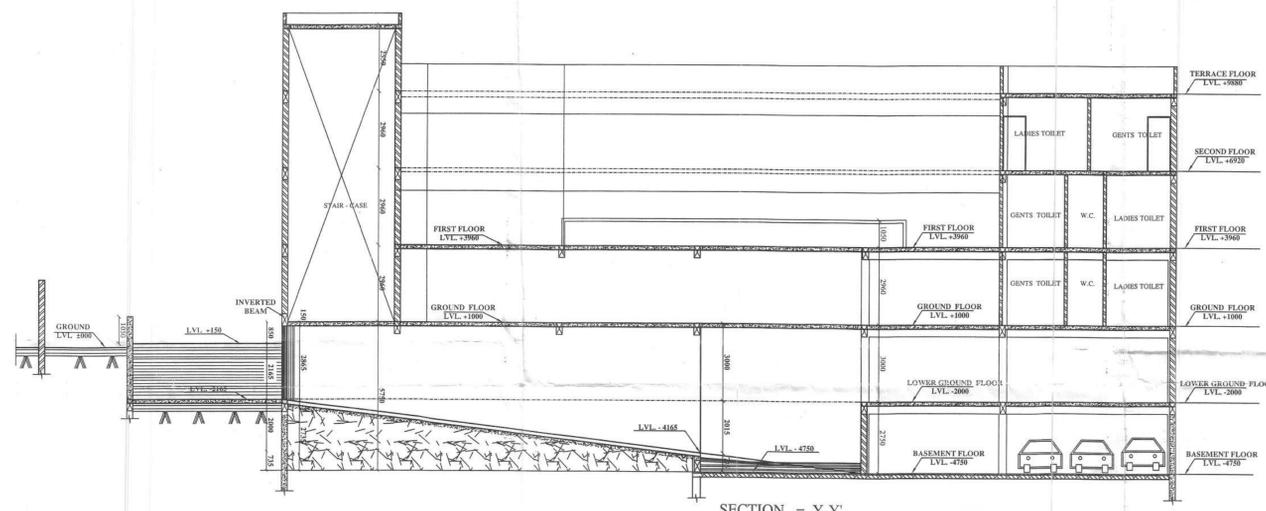
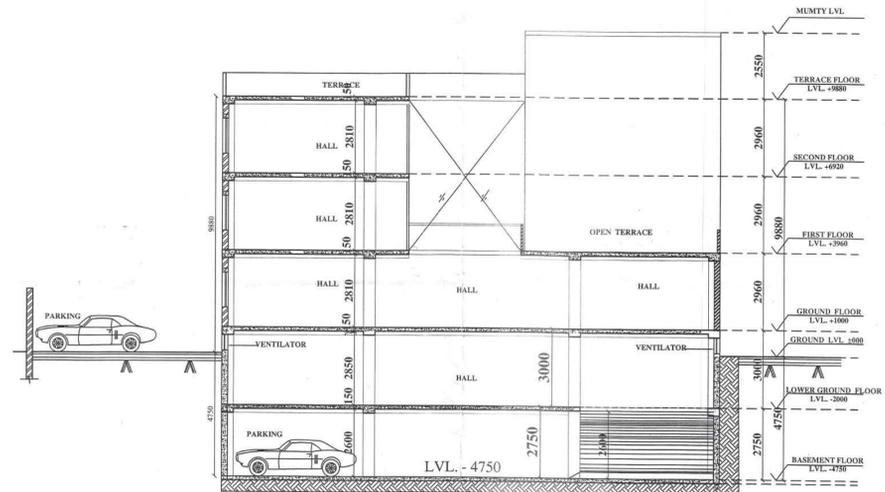
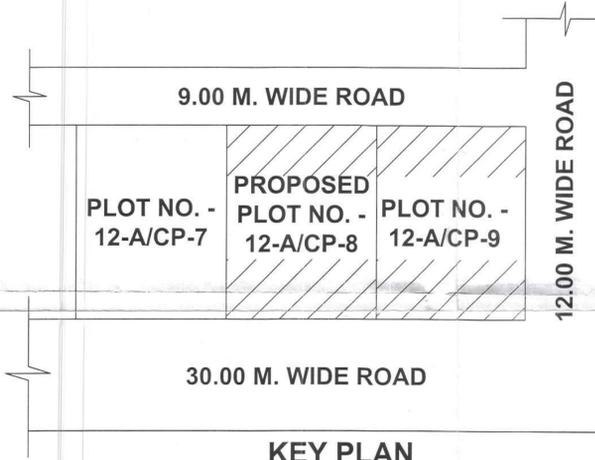
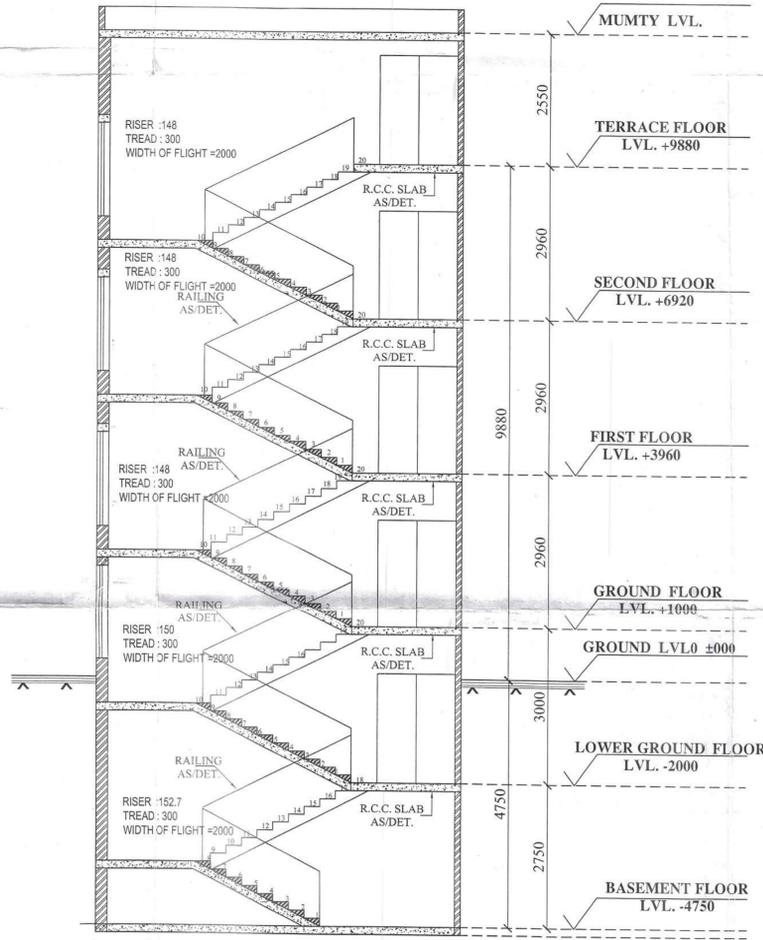
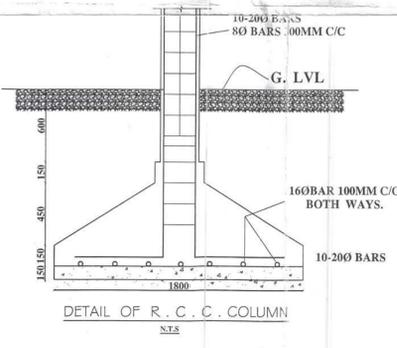
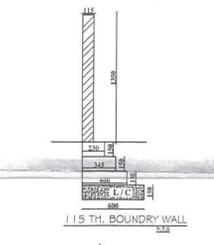
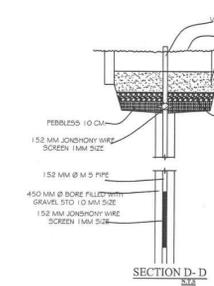
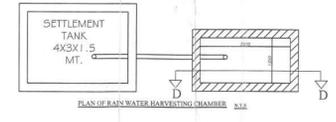


FRONT ELEVATION
SCALE - 1:100



मानविर स्वीकृति की निचम एवं सर्व मानविर क्रमांक के विपरित प्रच पर धन्या है।

उच्च स्तरीय सामग्री के अनुमोदनोपरान्त स्वीकृत



PROJECT: PROPOSED COMMERCIAL BUILDING ON PLOT NO. - 12-A/CP-8 & CP-9, FOR SYMTECH DEVELOPERS AT VRINDAVAN YOJNA NO. - 3, LUCKNOW.	
TITLE: SUBMISSION DRAWING	
SCALE: AS SHOW	DATE: JAN., 2018
DRG. NO.- 3/3	NORTH
C-1/D/COMM. COMPLEX/FILE	DEALT BY: O.P.

arun kumar b. arch., fia
architects & engineers
halwasiya court
hazratganj, lucknow. u.p.

ARCHITECT:
OWNER:

ARCHITECTS:
DESIGN GROUP
ARCHITECTS
ENGINEERS
INT. DESIGNERS

HALWASIYA COURT HAZRATGANJ, LUCKNOW

PROJECT:
PROPOSED COMMERCIAL BUILDING
ON PLOT NO. - 12-A/CP-8 & CP-9, FOR
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LUCKNOW.

TITLE:
SUBMISSION DRAWING

SCALE:
AS SHOW

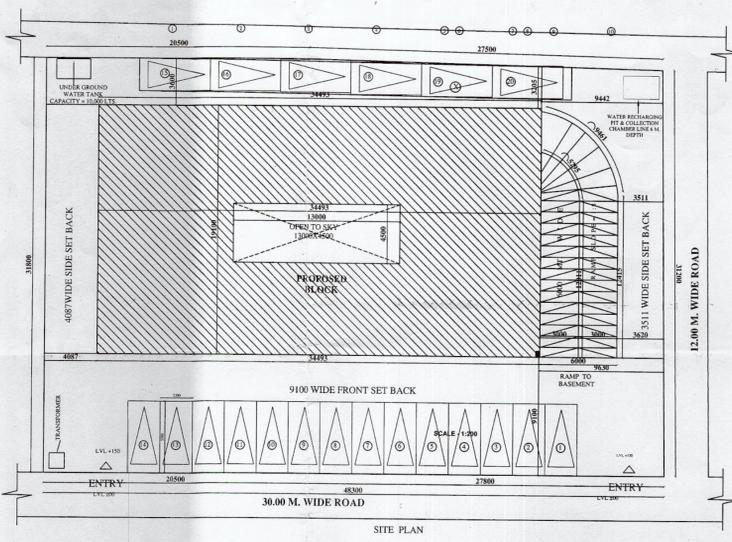
DATE:
JAN., 2018

DRG. NO.- 2/3

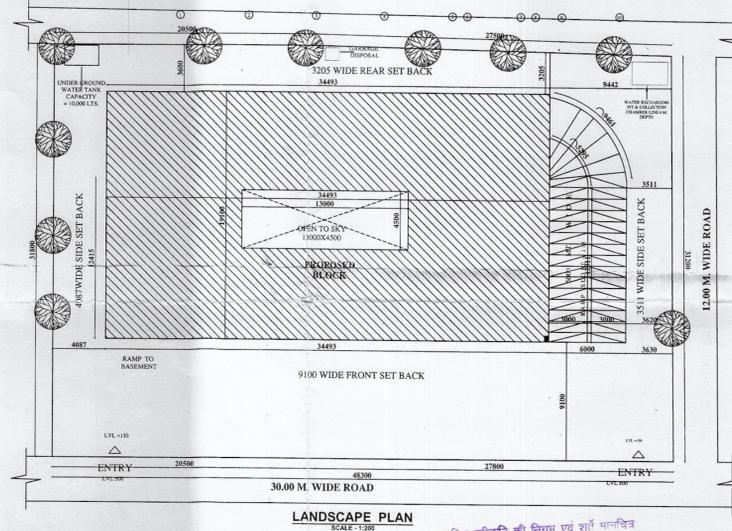
NORTH

C-1/D/COMM.
COMPLEX/FILE

DEALT BY:
O.P.

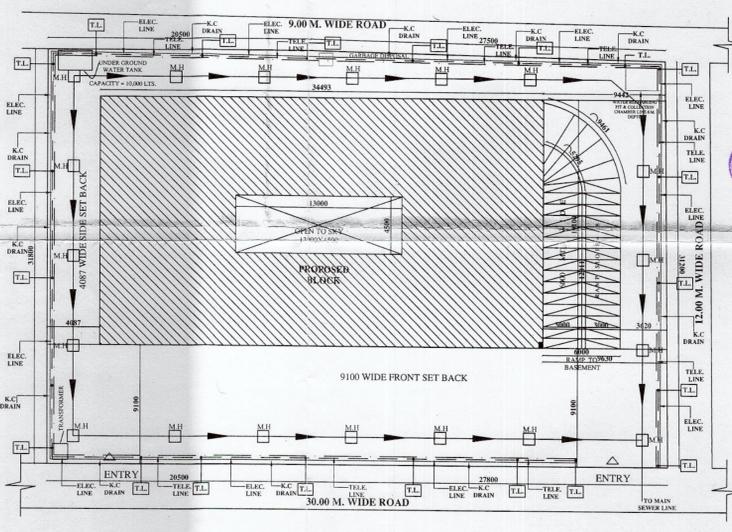


SITE PLAN



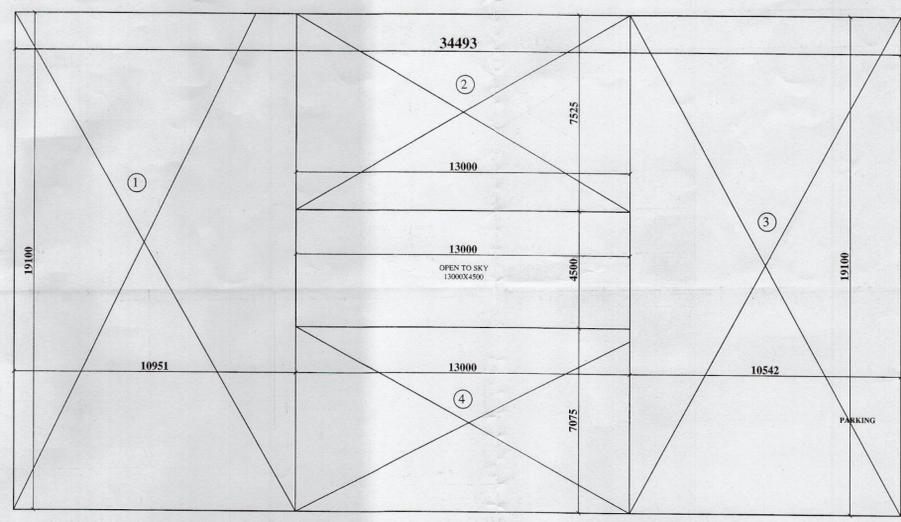
LANDSCAPE PLAN

मानविय स्वीकृति की निम्न एवं शर्त मानविय
क्रमिक के विपरित पृष्ठ पर चरया है।



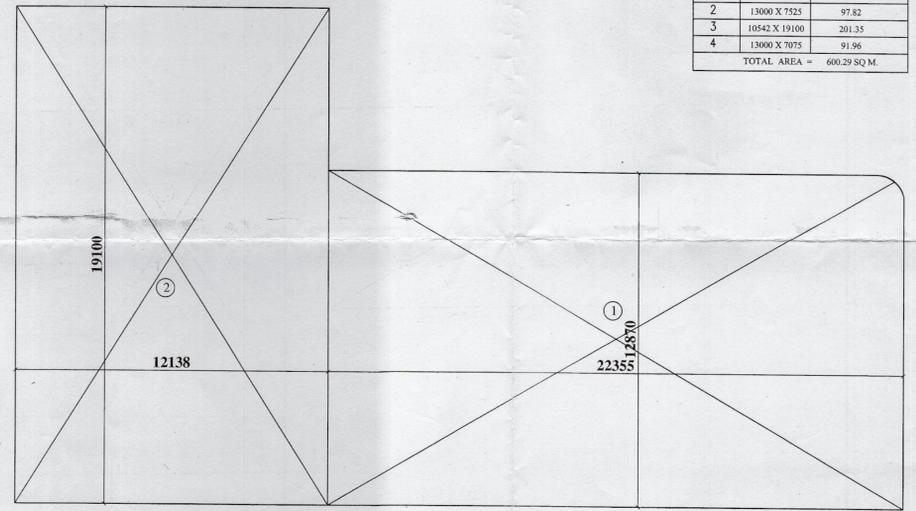
SERVICES PLAN

SCALE - 1:200



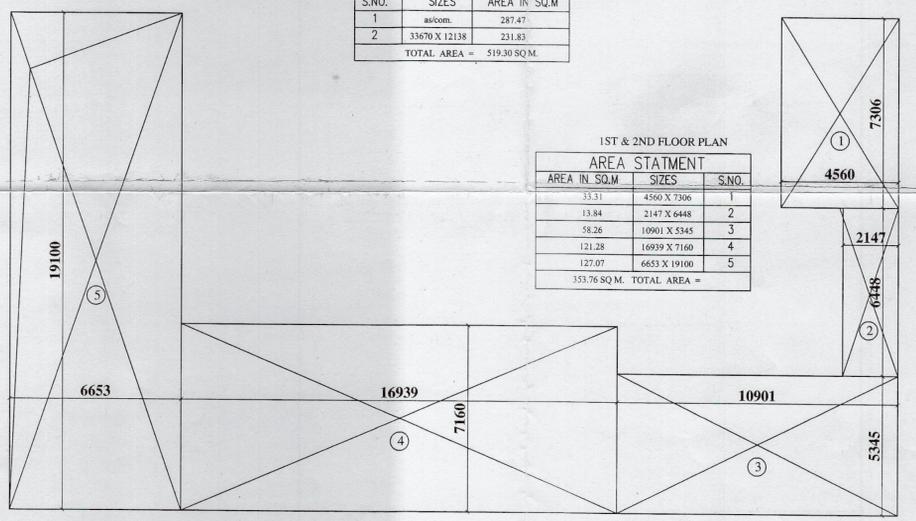
GROUND FLOOR PLAN

AREA STATEMENT		
S.NO.	SIZES	AREA IN SQ.M
1	10951 X 19100	209.16
2	13000 X 7525	97.82
3	10542 X 19100	201.35
4	13000 X 7075	91.96
TOTAL AREA =		600.29 SQ.M



LOWER GROUND FLOOR PLAN

AREA STATEMENT		
S.NO.	SIZES	AREA IN SQ.M
1	as/comm.	287.47
2	33670 X 12138	231.83
TOTAL AREA =		519.30 SQ.M



SCALE - 1:100 1ST & 2ND FLOOR PLAN

1ST & 2ND FLOOR PLAN AREA STATEMENT		
AREA IN SQ.M	SIZES	S.NO.
33.31	4560 X 7306	1
13.84	2147 X 6448	2
58.26	10901 X 5345	3
121.28	16939 X 7160	4
127.07	6653 X 19100	5
TOTAL AREA =		353.76 SQ.M

उच्च स्तरिय समिति के
अनुमोदनोपरान्त स्वीकृत



Checked & Submitted
For Approval
DATE: 2-4-18

arun kumar
b. arch., fia
architects & engineers
halwasiya court
hazratganj, lucknow. u.p.

ARCHITECT:
OWNER:

ARCHITECTS :
DESIGN GROUP
ARCHITECTS
ENGINEERS
INT.DESIGNERS

HALWASIYA COURT HAZRATGANJ,
LUCKNOW

PROJECT TITLE :-
PROPOSED COMMERCIAL BUILDING
 ON PLOT NO. - 12/A/CP-8 & CP-9, FOR
 SYMTECH DEVELOPERS AT
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 LUCKNOW.

NOTES:-
 1 SITE ENGINEER SHALL CHECK AND VERIFY ALL DIMENSIONS BEFORE
 EXECUTION OF THE WORK.
 2 FIGURED DIMENSIONS SHALL BE FOLLOWED.
 3 ALL DIMENSIONS ARE GIVEN IN MM.
 4 EXCEPTED DIMENSIONS SHALL BE TAKING WORK IN HAND. IF ANY DISCREPANCY
 BETWEEN THE TWO, PLEASE BRING THE NOTICE TO THE FIRM IMMEDIATELY.
 5 TMT BARS SHALL BE USED OF F650 GRADE CONFORMING TO IS 1786
 INDICATED IN 500 THAT STEEL.
 6 CONCRETE MIX SHALL BE OF M-25 GRADE (DESIGN MIX)
 BEING IN ACCORDANCE WITH IS - 456 (2000)
 7 COVER TO THE REINFORCEMENT TO BE AS FOLLOW
 (i) COLUMN - 40MM
 (ii) SLAB - 20MM
 (iii) BEAM - 30MM
 (iv) FOUNDATION - 75MM
 8 THE COMPRESSIVE STRENGTH OF BRICK USED IN BRICK MASONRY
 SHALL NOT BE LESS THAN 7.5 kg/cm²
 9 ALL CANTILEVER SLAB / BEAM FROM SHUTTERING SHALL BE
 REMOVED ONLY AFTER SUPERVISOR'S COUNTER CHECKING. IT SHALL BE
 DONE PREFERABLY AFTER 28 DAYS OF CASTING OF SLAB
 10 1.5M BRICK WALL SHALL BE BUILT OVER SURFACE OF FLOOR RCC SLAB
 WALLS EXCEEDING 1200 HT SHALL BE REINFORCED WITH 2 NOS. 8 BARS AT
 EVERY 4TH COURSE.
 11 ALL THE CONCRETING SHALL BE DONE BY WEIGH BATCHING ONLY.
 12 THE BAR BENDING SCHEDULE FOR REINFORCEMENT SHALL BE APPROVED BY
 THE SITE INCHARGE BEFORE PLACEMENT OF REINFORCEMENT.
 13 THE STRUCTURE IS DESIGNED FOR FOLLOWING PARAMETERS
 (i) FLOOR ROOF SHALL BE LEAD TO SLOPE NOT EXCEEDING
 1.25 AS PER ARCH-019.
 (ii) WATER PROOFING TREATMENT TO ROOF AS PER
 ZONAL SPECIFICATIONS.
 (iii) DEAD & LIVE LOAD CONSIDERED AS PER IS - 875.
 (iv) THE STRUCTURE IS DESIGNED FOR SEISMIC FORCES
 FOR ZONE (III) AS PER IS - 1893 (Pt. II) 2002.
 14 THE STRUCTURE HAS BEEN DESIGNED FOR NET SAFE ALLOWABLE B.C.
 OF SOIL 13.0 T/M² AT THE DEPTH OF 3.0 M BELOW F.F.

REVISION :-

S.N.	DATE	DESCRIPTIONS	INITIAL

CONSTRUCTION AGENCY:-

ARCHITECT -
DESIGN GROUP
 ARCHITECTS
 ENGINEERS
 INT. DESIGNERS
 LUCKNOW
 HAWASIA COURT HAZRATGANJ.

DRG. TITLE :-

DEALT BY: PRADIP
 DATE: APR. - 2018
 CHECKED BY: ER. IRSHAD AHMAD

STRUCTURAL CONSULTANT:
 ER. IRSHAD AHMAD
 M.Tech (Civil) MIE
 Chartered Engineer (India)
 Yamb No M-146-96 G
 D-07, VIBHUTI KHAND
 GOMTI NAGAR LUCKNOW
 PH 9889114023
 7084121786
 buildtech2000.iko@gmail.com

REINFORCEMENT DETAIL FOR FOOTINGS

FOOTING TYPE	FOOTING SIZE (AxB)	FOOTING DEPTH		FOOTING REINFORCEMENT
		D1	D2	
F1	3000X3000	300	800	16#@150C/C
F2	4000X4000	300	900	16#@150C/C
CP1	3000X6000	600		16#@150C/C

DETAIL OF LEFT SECTION AT Z1-Z1

REINFORCEMENT DETAIL OF COLUMN

COLUMN TYPE	COOR. MIX	COLUMN SIZE	LONGITUDINAL REINFORCEMENT	LONGITUDINAL REINFC. RATIO	TRANSVERSE REINFORCEMENT	TRANSVERSE REINFC. RATIO	SHAPE OF STRUPE
C1	M-25	300X300	16#-8NOC	1%	8#@75C/C	0.1%	8#@150C/C
C2	M-25	300X800	20#-6NOC + 16#-6NOC	1%	8#@75C/C	0.1%	8#@150C/C
C3	M-25	300X600	20#-12NOC	1%	8#@75C/C	0.1%	8#@150C/C
C4	M-25	300X600	20#-14NOC	1%	8#@75C/C	0.1%	8#@150C/C

TYPICAL PLAN OF ISOLATED FOOTING

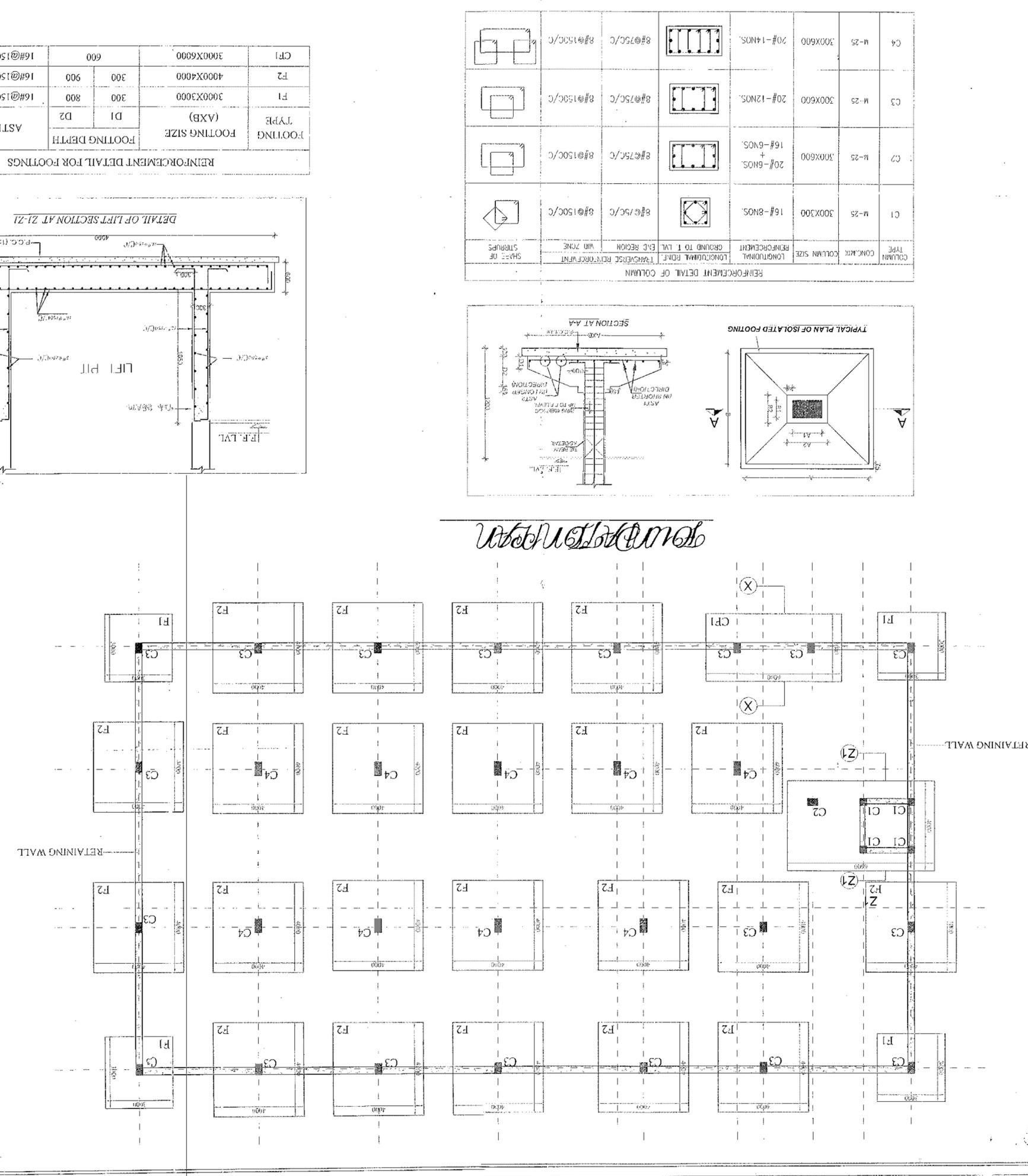
SECTION AT A-A

REINFORCEMENT DETAIL OF RETAINING WALL

TYPICAL X-X SECTION OF COMBINED FOOTING

REINFORCEMENT DETAIL OF RETAINING WALL

TYPICAL X-X SECTION OF COMBINED FOOTING



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atun kumar
b. arch. firm
architects & engineers
halwa siya court
hazratgani, lucknow. up.



REVISION :-	
S.N.	DESCRIPTIONS

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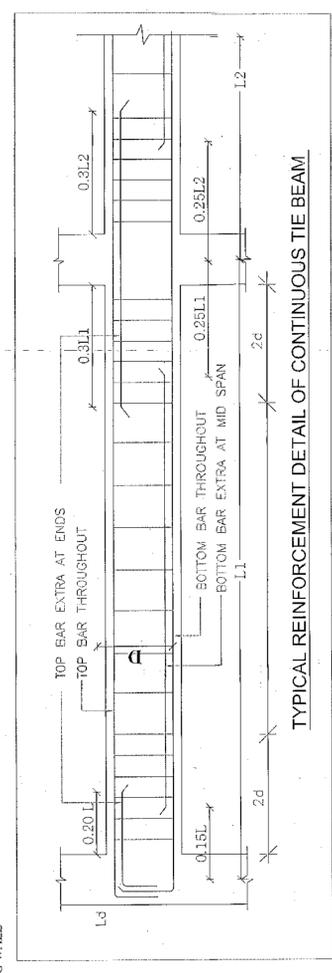
Er. Irshad Ahmad
M-Tech (Civil) MIE
Chartered Engineer (India)
Memb No. M-146196 C

BUILDTech
CONSULTANCY
& RVTCS

D-07, VIBHUTI KHAND
GOMTI NAGAR, LUCKNOW
PH. 9889114023
7084121786
buildtech2000.lko@gmail.com

SCHEDULE OF TIE BEAMS REINFORCEMENT

SL. NO	BEAM NO.	SIZES OF BEAM	TOP BAR	HOT BAR	TOP BAR	BOT. BAR	FIRST SUPPORT	MID SPAN	SECOND SUPPORT	STIRRUPS	
										END ZONE	MID ZONE
1	TB-1	400X600	3-16#+3-20#	3-20#	3-16#	3-20#	3-16#+3-20#	3-16#	3-16#+3-20#	8#@1500/C	8#@2000/C
2	TB-2	300X450	3-16#	3-16#	3-16#	3-16#	3-16#	3-16#	3-16#	8#@500/C	8#@2000/C
3	TB-3	300X450	3-16#+2-16#	3-16#	3-16#	3-16#	3-16#+2-16#	3-16#	3-6#+2-16#	8#@1500/C	8#@2000/C
4	TB-4	300X450	3-20#+3-20#	3-20#	3-16#	3-20#	3-20#+3-20#	3-20#	3-20#+3-20#	8#@1500/C	8#@2000/C

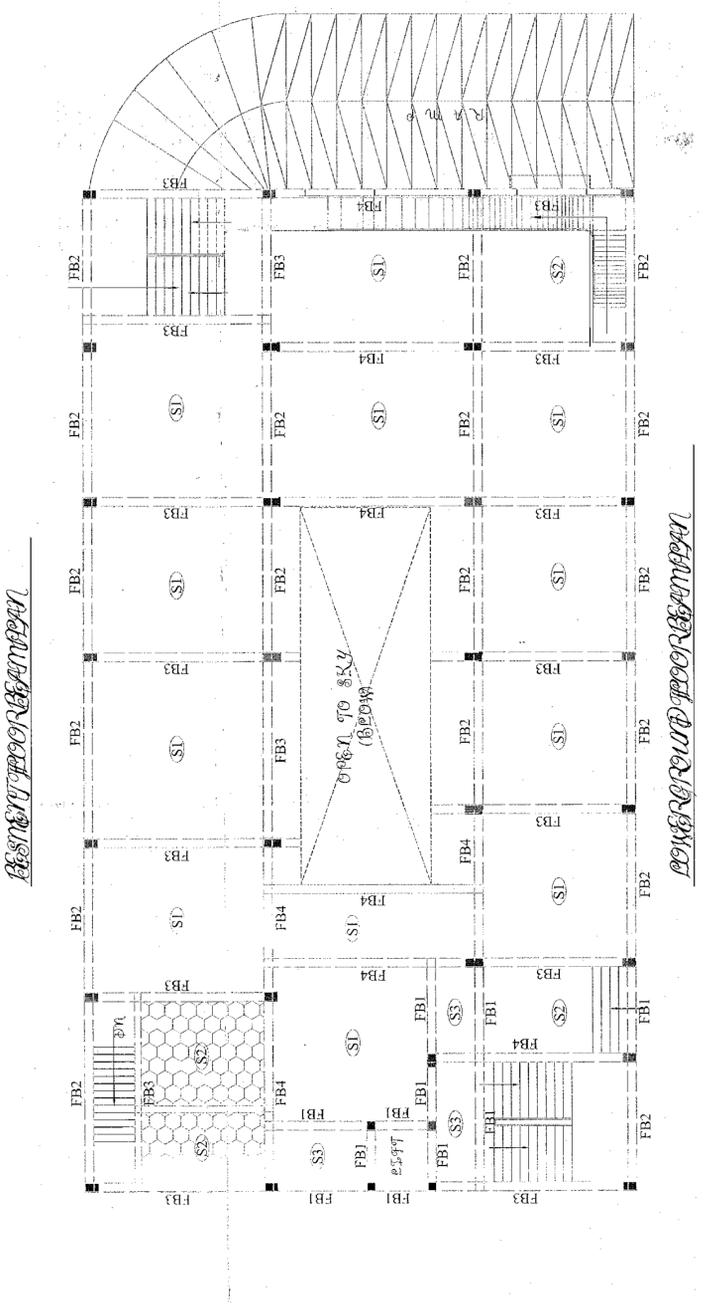
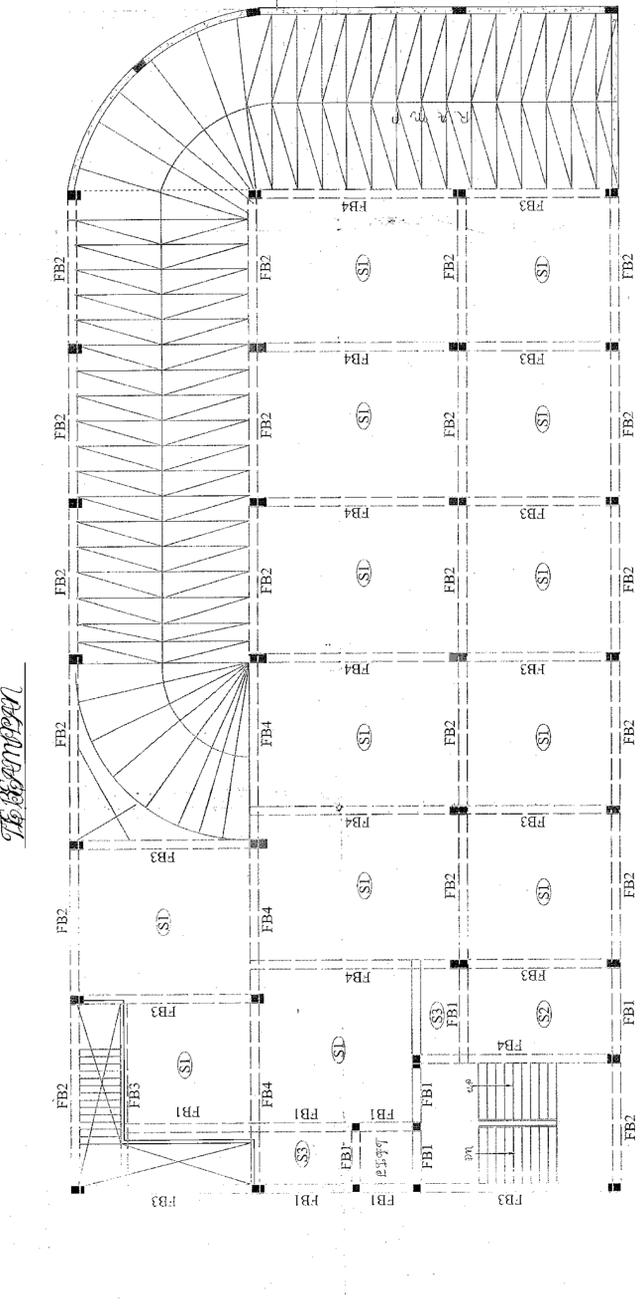
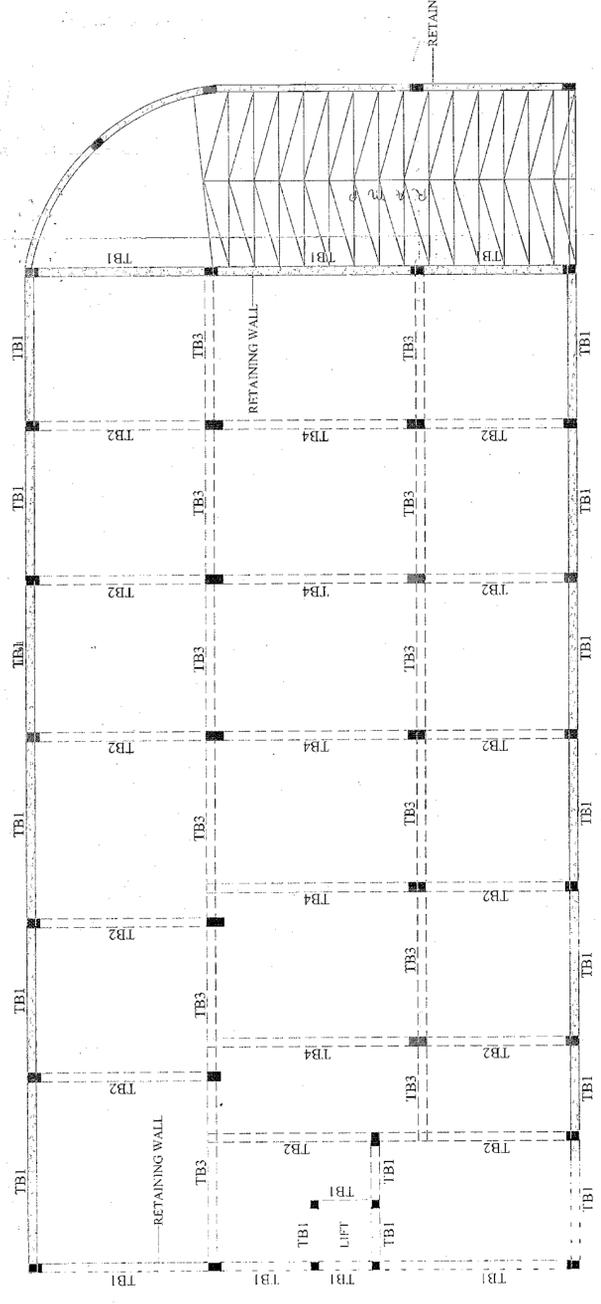


SCHEDULE OF FLOOR BEAMS REINFORCEMENT

SL. NO	BEAM NO.	SIZES OF BEAM	TOP BAR	BOT. BAR	FIRST SUPPORT	MID SPAN	SECOND SUPPORT	STIRRUPS		SIDE BARS
								AT SUPPORT	AT MID SPAN	
1	FB-1	230X450	3-16#	3-16#	3-16#	3-16#	3-16#	8#@1000/C	8#@2000/C	8#@2000/C
2	FB-2	300X600	3-16#+3-20#	3-16#	3-16#	3-16#+3-20#	3-16#	8#@1000/C	8#@2000/C	8#@2000/C
3	FB-3	300X600	3-20#+3-25#	3-20#	3-20#	3-20#+3-25#	3-20#	8#@1000/C	8#@2000/C	4-12#
4	FB-4	300X600	3-25#+3-25#	3-25#	3-25#	3-25#+3-25#	3-25#	8#@1000/C	8#@2000/C	4-12#

SCHEDULE OF RCC SLABS

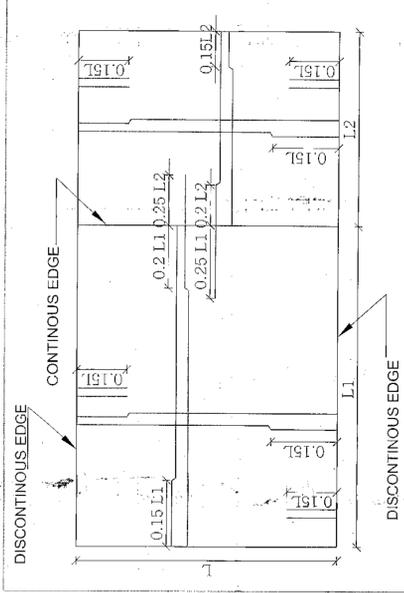
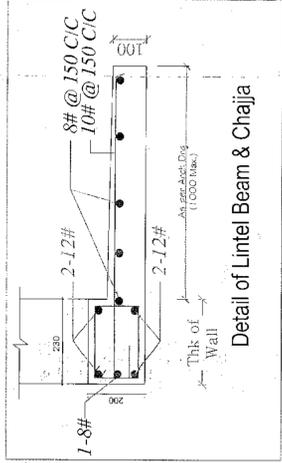
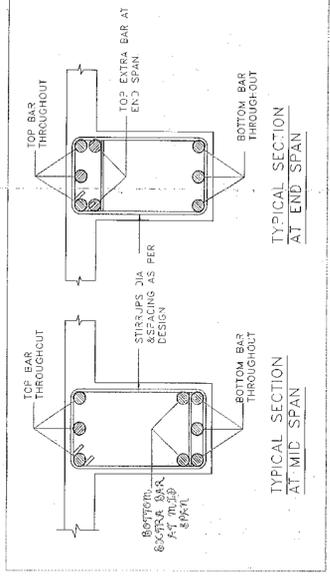
SL. NO	TYPE	THICKNESS	MAIN BARS AT BOTTOM		EXTRA BARS OVER CONI/DISCONT SUPPORT		SUPPORTING REINFORCEMENT TOP					
			SHORT SPAN	LONG SPAN	SHORT SPAN	LONG SPAN	SHORT SPAN	LONG SPAN				
			DA	AT C/C	DA	AT C/C	DA	AT C/C	DA	AT C/C		
1	S-1	200	10#	100	10#	10#	125	10#	200	10#	250	8# @2000/C
2	S-2	150	8#	125	8#	125	8#	8#	250	8#	250	8# @2000/C
3	S-3	125	8#	125	8#	150	8#	8#	250	8#	300	8# @2000/C



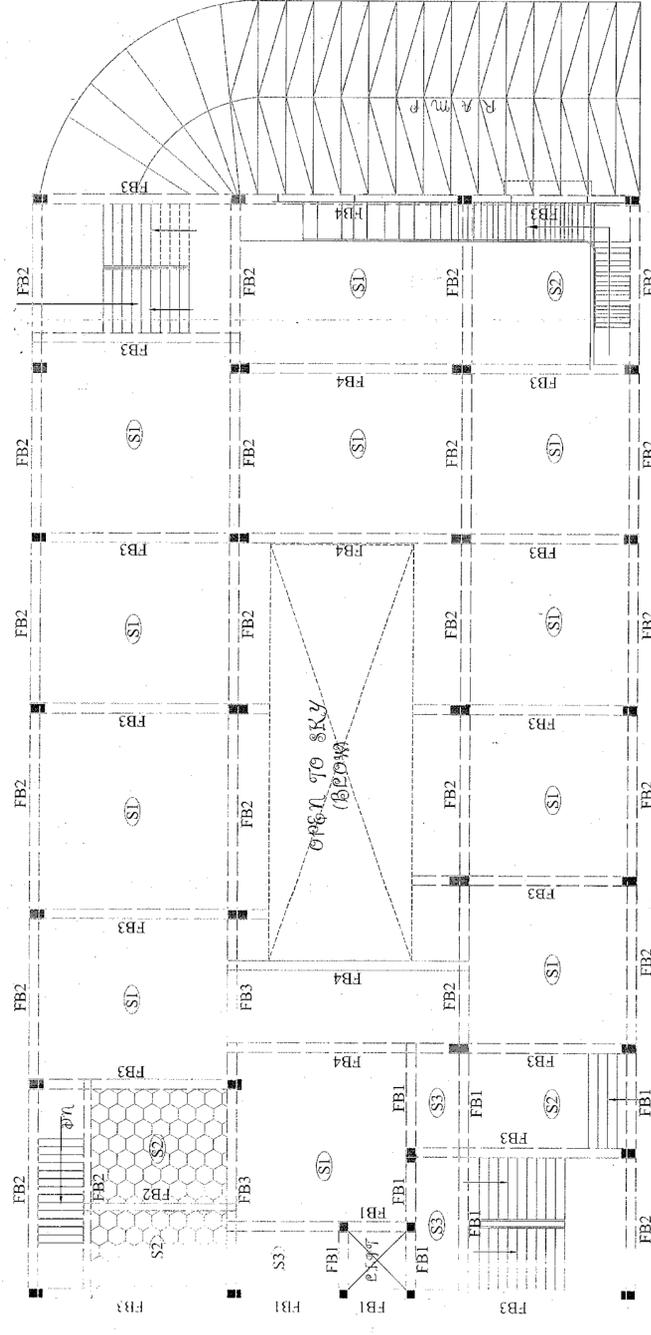
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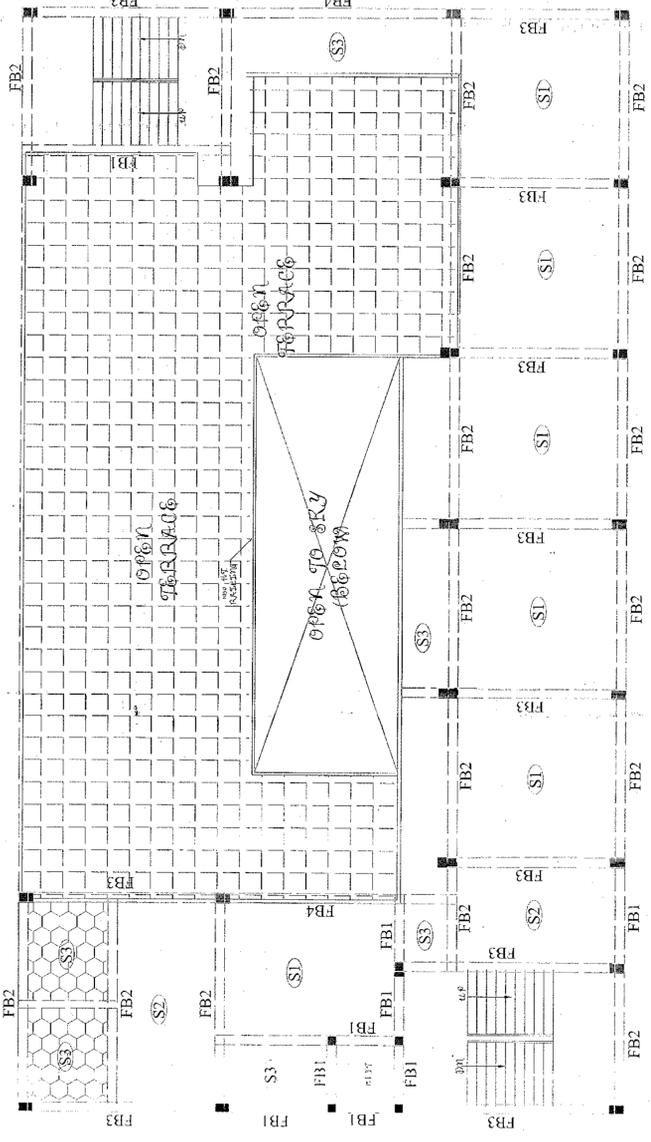
Atun kumar
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hazratganj, lucknow, up.



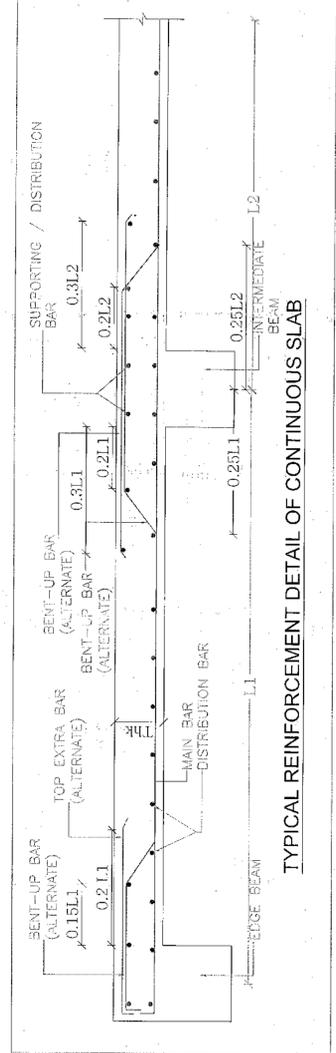
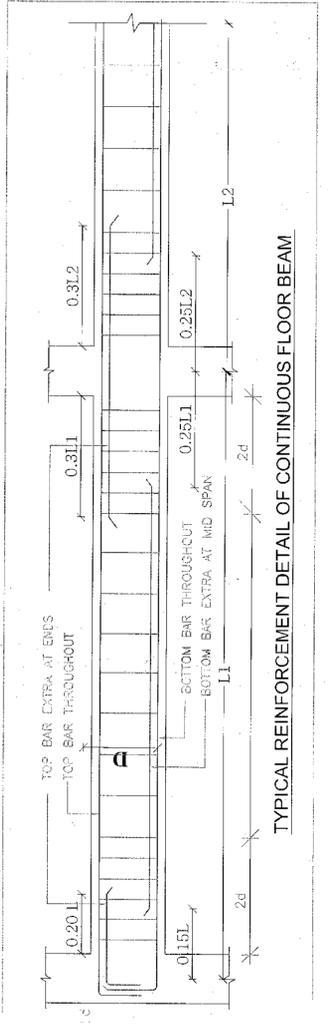
1. REINF. PROVIDED ALONG THE LONGER SPAN ON THE BOTTOM FACE SHALL BE PLACED JUST ABOVE THE REINF. ALONG THE SHORTER SPAN ON THE BOTTOM FACE.
2. DOTTED LINES ARE SHOWN AS TOP BARS WHILE FIRM LINES ARE SHOWN AS BOTTOM FACE REINFORCEMENT.
3. THE GAP BETWEEN TOP BARS AND BOTTOM BARS SHOULD BE ATLEAST 50 MM.
4. #8@300 IS TO BE PROVIDED JUST BELOW TOP FACE REINF. WHICH HAS NOT BEEN SHOWN IN THE DRAWING.
5. A CLEAR COVER OF 15 MM SHALL BE PROVIDED FOR THE TOP AND BOTTOM FACE REINFORCEMENT OF THE SLAB.
6. AN END COVER OF 25 MM SHALL BE PROVIDED FOR THE REINFORCEMENT OF SLAB.
7. AVOID LAPS IN TOP BARS NEAR SUPPORT.
8. AVOID LAPS IN BOTTOM BARS NEAR MID SPAN.
9. LAP LENGTH SHOULD BE AS PER I.S. 456:2000.



1st floor reinforcement



2nd floor reinforcement



REVISION NO.	DATE	DESCRIPTIONS	INITIAL

CONSTRUCTION AGENCY:-

ARCHITECT

DESIGN GROUP
ARCHITECTS
ENGINEERS
INT. DESIGNERS
HALWASIYA COURT HAZRATGANJ,
LUCKNOW

DRG. TITLE :-

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DATE: APR-2018
CHECKED BY: Er. IRSHAD AHMAD

Er. IRSHAD AHMAD
M-TECH M.E. CIVIL
REGISTERED ENGINEER (INDIA)
STRUCTURAL CONSULTANT:
BUILDTech
CONSULTANCY
Er. Irshad Ahmad
M-Tech (Civil) IIT
Chartered Engineer (India)
Memb No. M-146786 C
D-07, VIBHUTI KHAND
GOMTI NAGAR LUCKNOW
PH. 9889114023
7084121786
buildtech2000.lko@gmail.com