

COMMERCIAL

9.0 M. WIDE ROAD

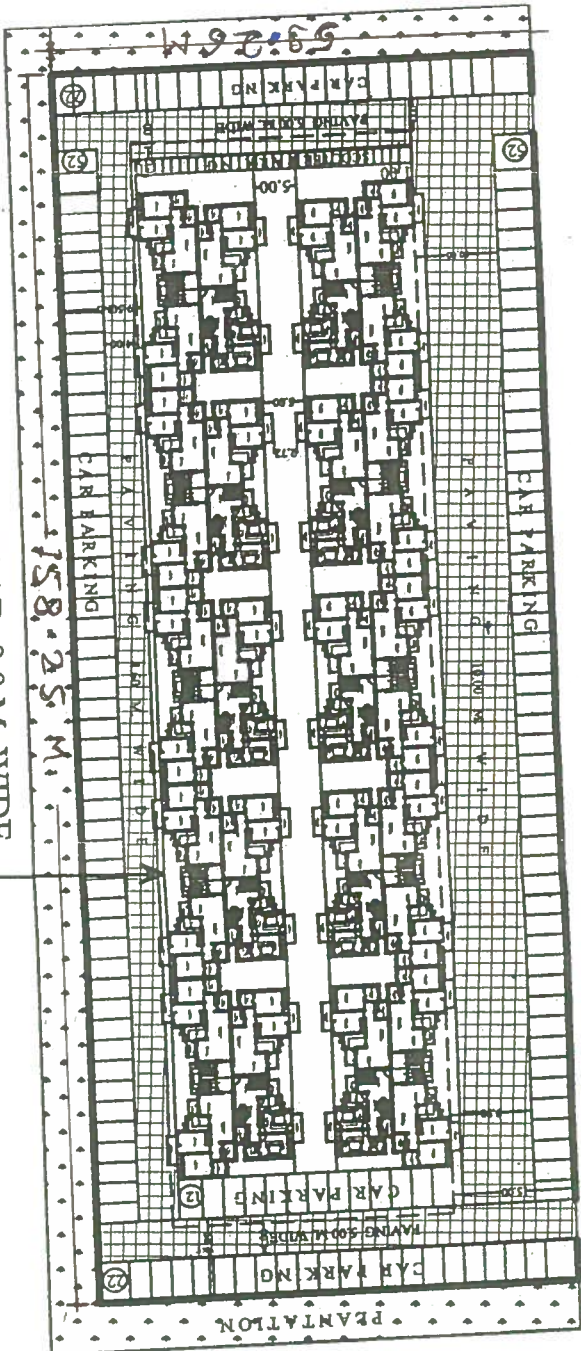
G.H-2

ROAD 9.0 M. WIDE

ROAD 18.0 M. WIDE

ROAD 9.0 M. WIDE

24.0 M. WIDE SECTOR ROAD



PLANTATION

48.00

PLANTATION

SCHEDULE OF FLATS :-

TYPE

M.I.G. A (G+3)

NOS

G.H.-2

160

SCHEDULE OF PARKING :-

SIZE

2.50 M. X 5.00 M.

160

CAR

1:00 M. X 2.00 M.

31

SCOOTER

AREA ANALYSIS :-

LAND AREA (SQ.M.)

8588.00

SET BACKS :-

NORTH

9.0M.

SOUTH

9.0M.

EAST

9.0M.

WEST

15.0M.

BUILT UP AREA (PER UNIT) SQ.M.

66.44

BALCONY (50%) PER UNIT) SQ.M.

3.92

CORRIDOR & STAIRCASE SQ.M.

4.25

(AREA PER UNIT)

SUPER BUILT UP AREA - SQ.M.

74.61

(PER UNIT) SQ.FT

802.50

TOTAL BUILT UP AREA SQ.M.

2827.60

PERCENTAGE

32.93%

APPROVED IN 145 P.C. MEETING HELD
ON DATED 04-12-2014 ITEM NO.25



REVISED LAY OUT PLAN OF SECTOR-7,
(GH-2),(GROUP HOUSING M.I.G.A (G+3)
INDIRA GANDHI NAGAR, JAIPUR

DRG:- RHB/HQ/2014

SCALE :-

DATE:- 30-10-2014

FILE NO:-

DEALT BY:- GULAB CHAND

DEPUTY TOWN PLANNER

ASSISTANT ARCHITECT

ADD. CHIEF TOWN PLANNER

SENIOR TOWN PLANNER

RAJASTHAN HOUSING BOARD



AREA FOR FLATS (PER UNIT)

BUILT UP AREA	-	66.44 SQ.M.
BALCONY (50%)	-	3.92 SQ.M.
CORRIDOR & STAIRCASE	-	4.25 SQ.M.
AREA PER FLAT	-	74.61 SQ.M.
SUPPER BUILT UP AREA	-	(802.5 SQ.FT.)

SCHEDULE OF OPENING

S.NO.	TYPE	SIZE	SIL.LEL.	LIN.LEL.
1.	D1	1.10X2.10	-	2.10
2.	D2	1.00X2.10	-	2.10
3.	D3	0.90X2.10	-	2.10
4.	D4	0.75X2.10	-	2.10
5.	DW	2.10X2.70	-	2.70
6.	W1	1.20X1.90	0.80	2.70
7.	W2	1.20X1.70	1.00	2.70
8.	V	0.60X0.60	1.50	2.10

ANY DISCREPANCY SHOULD BE BROUGHT

TO THE NOTICE OF THE PLANNING CELL.

TYPE DESIGN OF M.I.G.-I FLATS(G+3)

TYPICAL FLOOR PLAN

ORG. NO. RHB/HQ/10/MIG-I/F-2/6	SCALE :-
DATE :- 29-11-2010	FILE NO.
DEALT- B.S. RAJPUROHIT	CHECKED-

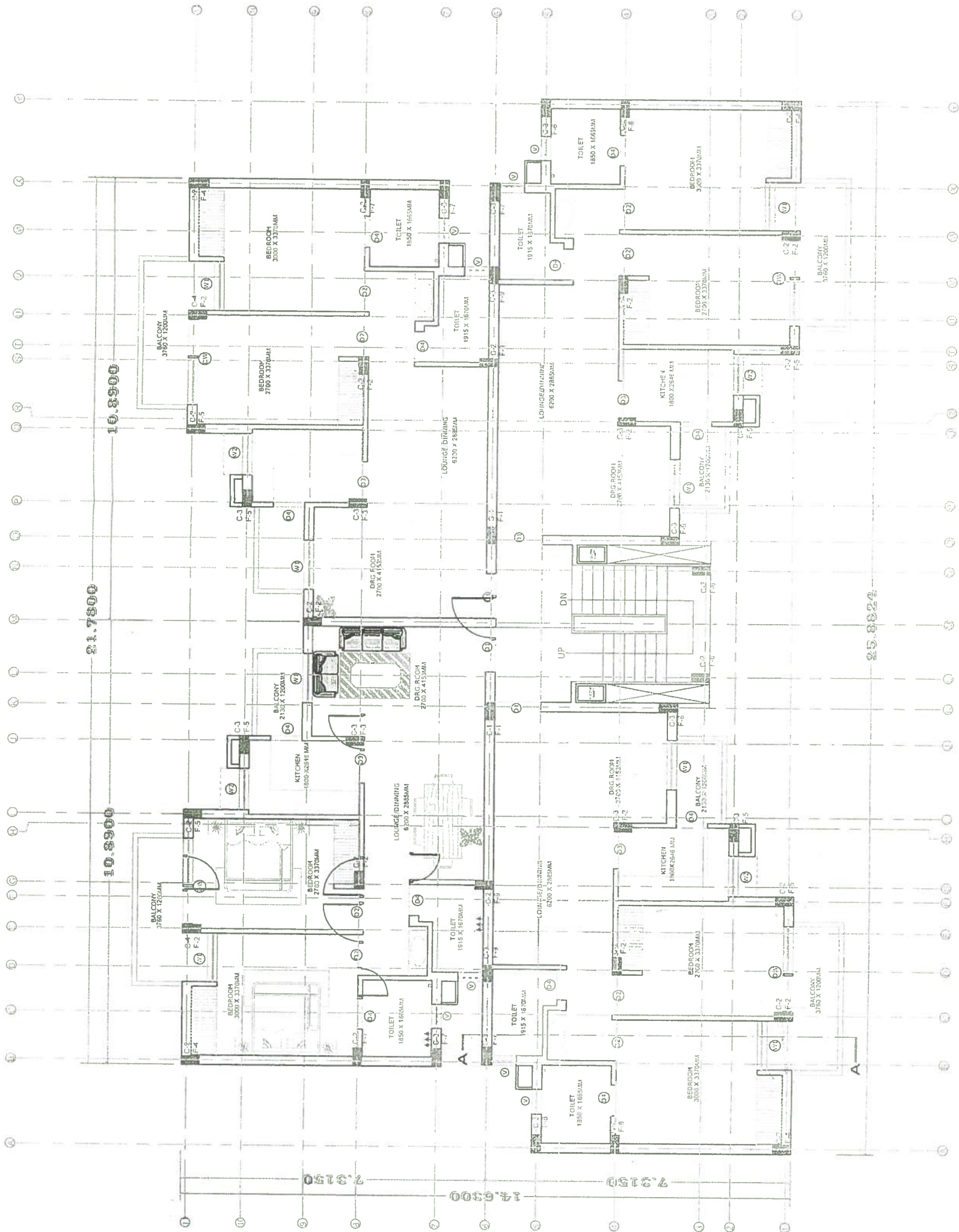
(KAILASH NARAIN)
ASSISTANT ARCHITECT

(SATISH KUMAR SHARMA)
SENIOR TOWN PLANNER

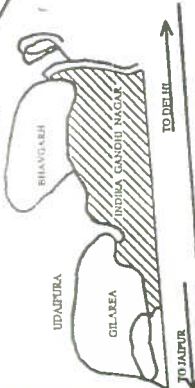
(MOHAN TAORI)
ADD. CHIEF TOWN PLANNER

(H. GARGARWAL)
HOUSING COMMISSIONER

RAJASTHAN HOUSING BOARD



TYPICAL FLOOR PLAN



KEYPLAN

NOTE:-

IN REFERENCE OF R.E. 2ND DATED
26/2/2014 NUMBERING OF PLOT NO. 7H/217
TO 7H/239.

NUMBERING SHOWN THUS.

 $\mathbb{Z} \triangleleft$

**PART NUMBERING PLAN OF SECTOR-7
INDIRA GANDHI NAGAR, JAGATPURA
JAIPUR**

C.:— RHB/HQ/14/

SCALE :-

DATE: 4-3-2014

FILE NO.

DRAWN BY: GULAB CHAND

CHECKED

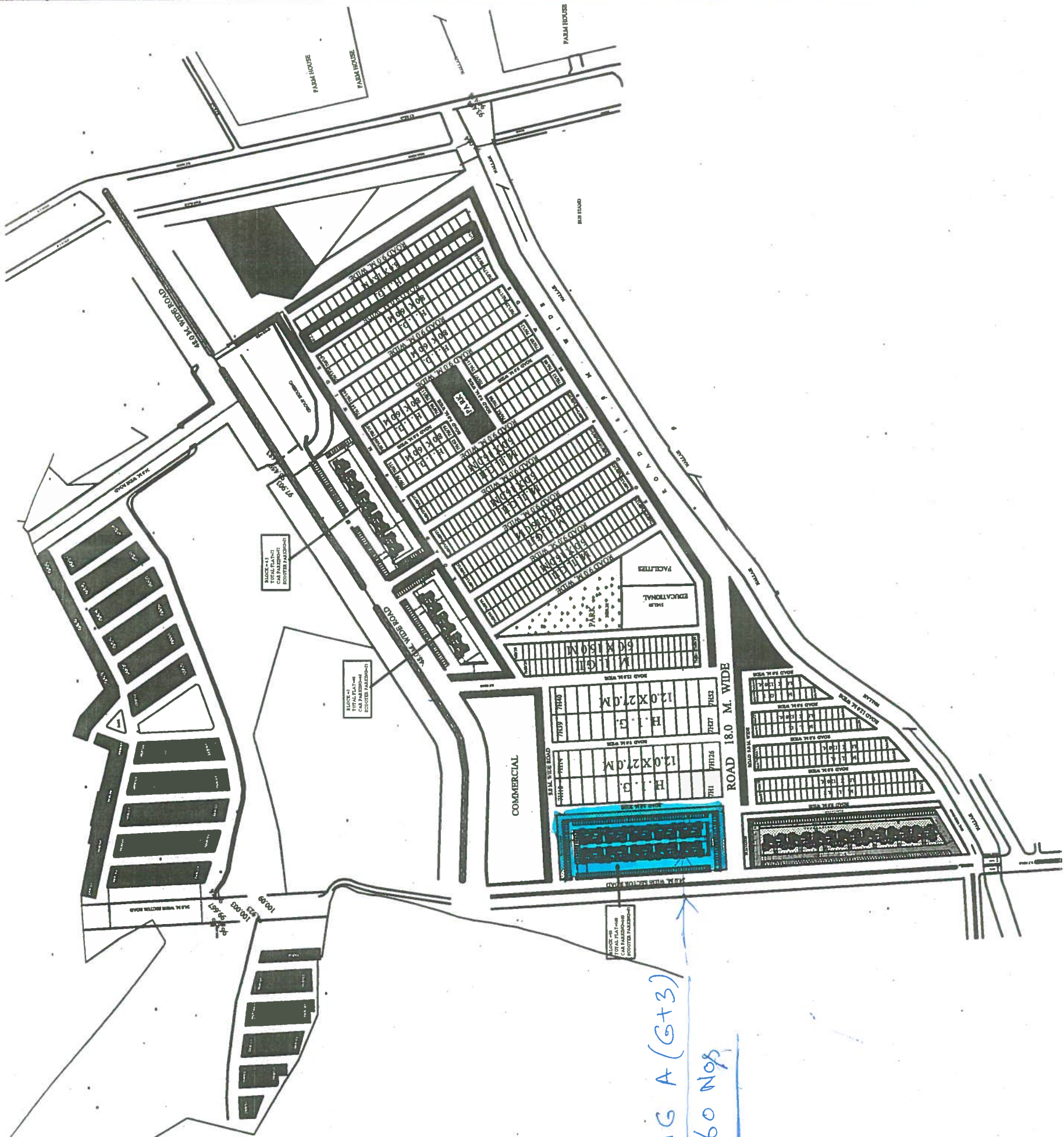
(SANT SARAN)

—

ATTISH KUMAR SHARMA)

inf

RAJASTHAN . HOUSING BOARD



MIG A (G+3)
160 Nos



AREA FOR FLATS (PER UNIT)

BUILT UP AREA	66.44 SQ.M.
BALCONY (50%)	5.92 SQ.M.
CORRIDOR & STAIRCASE	7.25 SQ.M.
AREA PER FLAT	
SUPER BUILT UP AREA	74.61 SQ.M. (802.5 SQ.FT.)

SCHEDULE OF OPENING

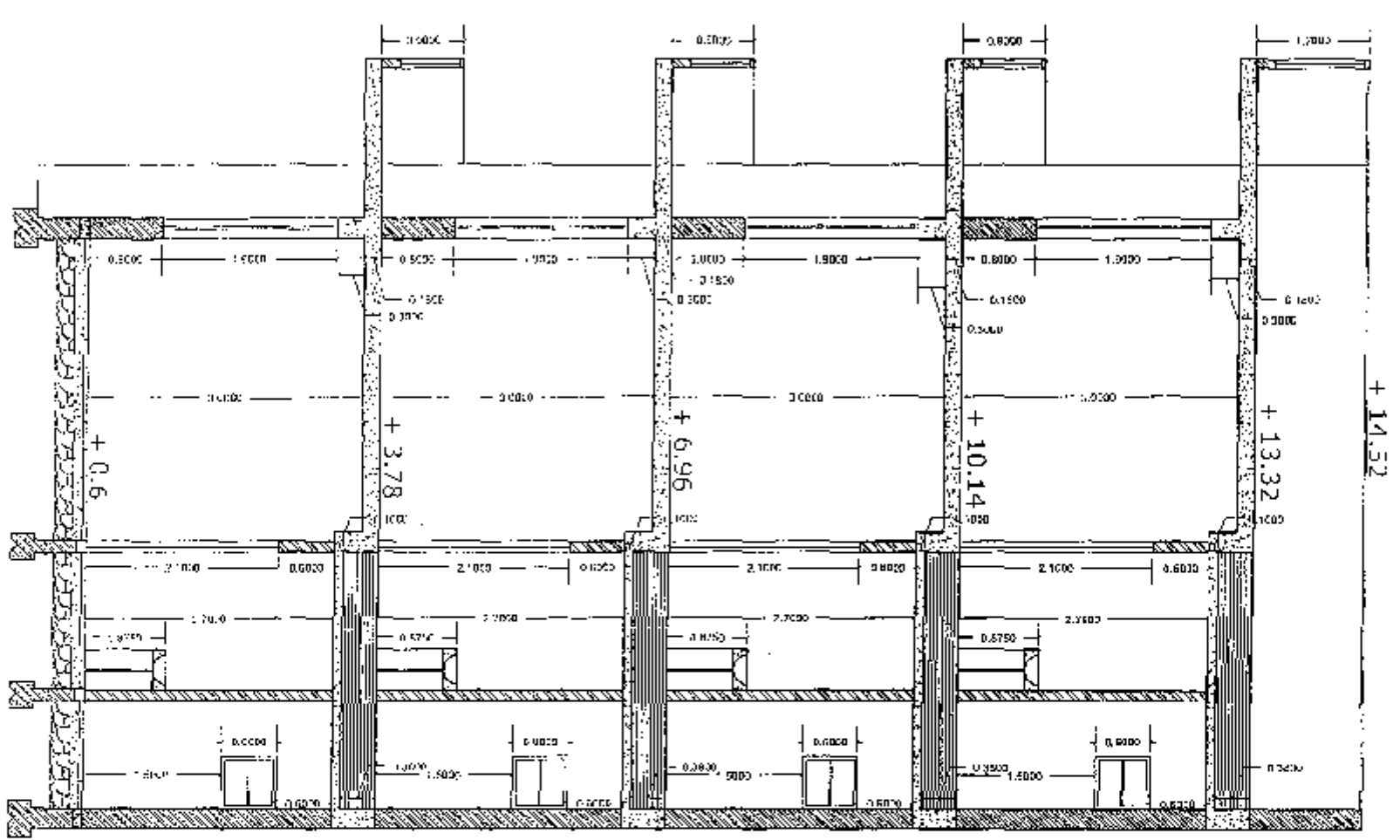
S.NO.	TYPE	SIZE	SIL.LEL.	LIN.LEL.
1.	01	1.10X2.10	-	2.10
2.	02	1.00X2.10	-	2.10
3.	03	0.90X2.10	-	2.10
4.	04	0.75X2.10	-	2.10
5.	05	2.10X2.70	-	2.70
6.	06	1.20X1.90	0.80	2.70
7.	07	1.20X1.70	1.00	2.70
8.	08	0.50X0.60	1.50	2.10

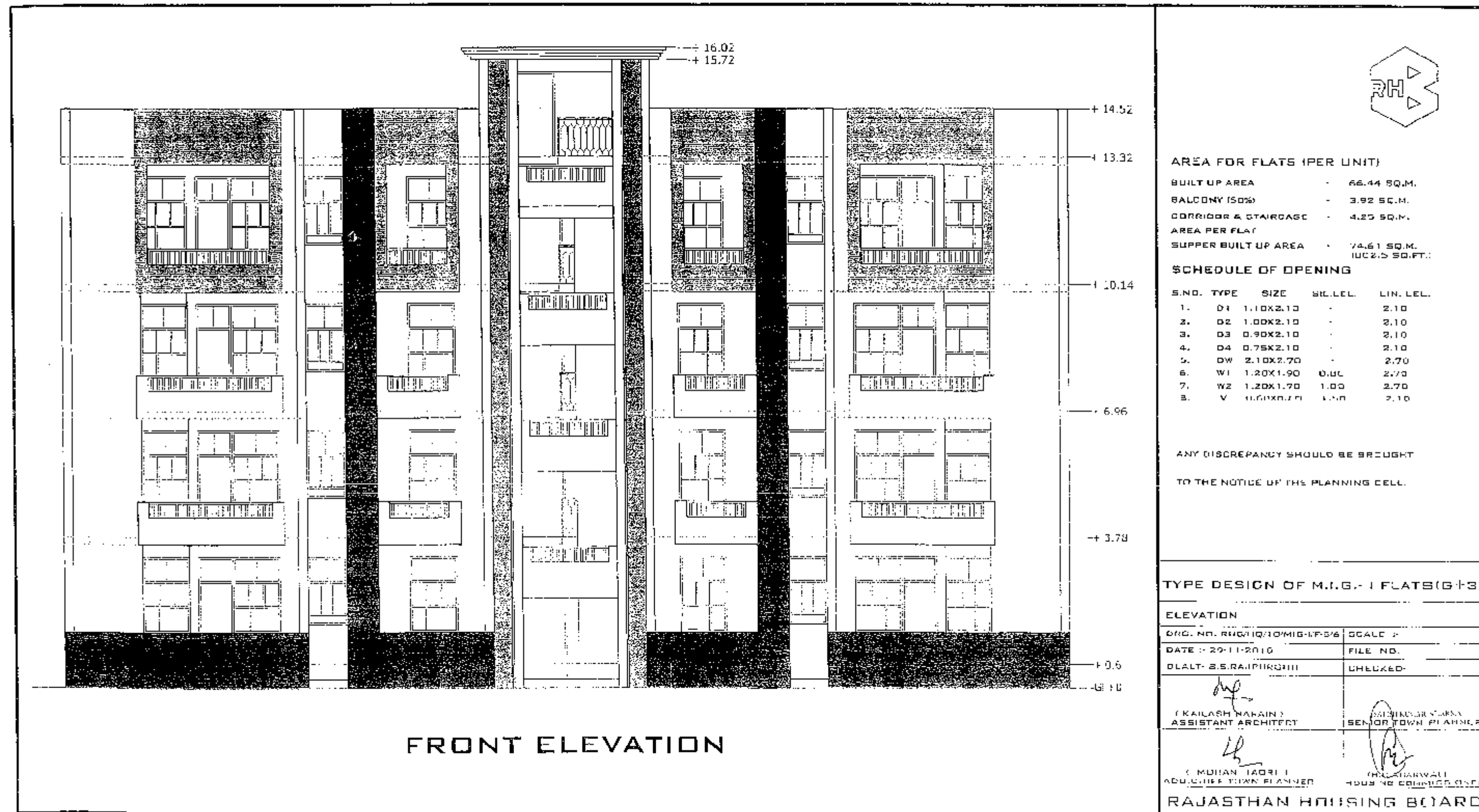
ANY DISCREPANCY SHOULD BE BROUGHT
TO THE NOTICE OF THE PLANNING CELL.

TYPE DESIGN OF M.I.G.-I FLATS(6+3)

SECTION.	
DRG. NO. RHB/HQ/10/M.C./P.6/6	SCALE -
DATE - 20.11.2010	FILE NO.
DESIGNER - H.B. RAJAPURUSHIT	CHECKED -
(KAILASH NARAIN) ASSISTANT ARCHITECT	(SUNIL KUMAR SHARMA) SENIOR TOWN PLANNER
(MOHAN JADAV) ADD. CHIEF TOWN PLANNER	(H.D. DODARWAL) HEUSING COMMISSIONER

SECTION AT A-B





AREA FOR FLATS (PER UNIT)

BUILT UP AREA	-	66.44 SQ.M.
BALCONY (50%)	-	3.92 SQ.M.
CORRIDOR & STAIRCASE	-	4.25 SQ.M.
AREA PER FLAT	-	
SUPPER BUILT UP AREA	-	74.61 SQ.M. 1002.5 SQ.FT.

SCHEDULE OF OPENING

S.NO.	TYPE	SIZE	SIL. LEL.	LIN. LEL.
1.	D1	1.10X2.10	-	2.10
2.	D2	1.00X2.10	-	2.10
3.	D3	0.90X2.10	-	2.10
4.	D4	0.75X2.10	-	2.10
5.	DW	2.10X2.70	-	2.70
6.	W1	1.20X1.90	0.00	2.70
7.	W2	1.20X1.70	1.00	2.70
8.	V	0.60X0.70	1.00	2.10

ANY DISCREPANCY SHOULD BE BROUGHT
TO THE NOTICE OF THE PLANNING CELL.

TYPE DESIGN OF M.I.G.-I FLATS (G+3)

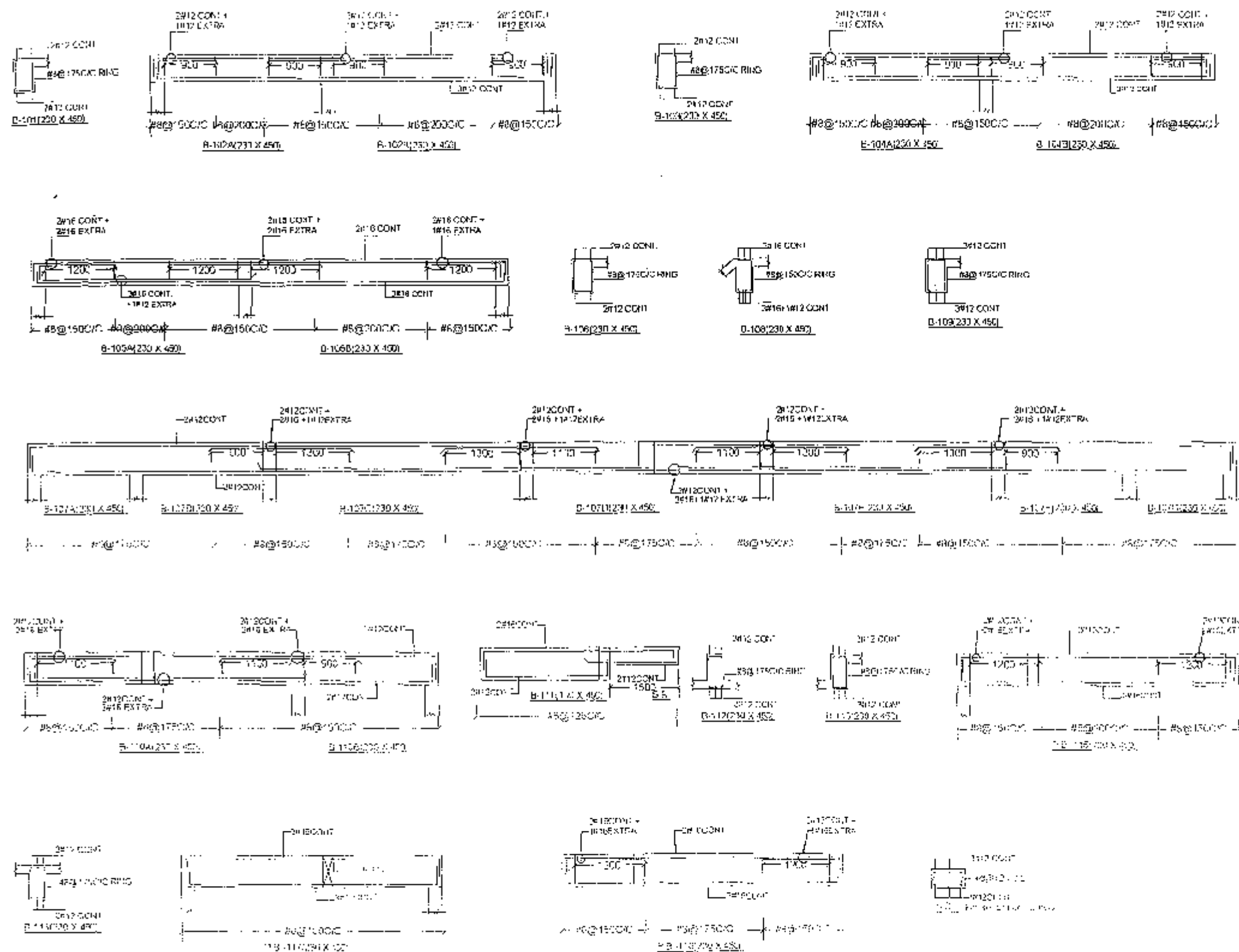
ELEVATION

DRG. NO. RHC/10/MIG-I/F-5/6	SCALE 1/2
DATE : 29-11-2010	FILE NO.
DLT: S.S. RAIPUR (III)	CHECKED:

 (KAILASH MAHAIN) ASSISTANT ARCHITECT	 ASHWINDER SHARMA SENIOR TOWN PLANNER
--	--

 (MOHAN TADI) ADDITIONAL TOWN PLANNER	 PRAKASHWAR HOUSING ENGINEER
--	---

RAJASTHAN HOUSING BOARD



GENERAL NOTES FOR R.C.C WORK:-

1. CONCRETE GRADE OF R.C.C & HYSD BARS OF EACH DESIGNATION TO BE INDICATED IN CONSTRUCTION DRAWING. IS CONSIDERED IN DESIGN OF R.C.C. SLAB & BEAMS, GRADE OF CONCRETE FOR COLUMNS SHALL BE M25.
2. CONCRETE GRADE TO CONCRETE IS TO BE PROVIDED AS PER IS-456:2000 FOR SLAB & R.C.C. COMPONENTS. COVER SHALL BE AS FOLLOWS:

REINFORCED	BOTTOM	TOP	SLOPE
SLAB	20MM	15MM	
FOOTING	75MM	75MM	200MM
MULTI-STOREY WALL		125MM	TOP (40MM) FACE OF SLAB 20 (15MM) (IN SIDE)
COLUMNS			12 (40MM)
BEAMS, LIN (1) (2) (3)	75MM	75MM	
3. COVER BLOCKS IF MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.
4. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOID.
5. LAP SHALL BE STAGGERED SUCH THAT NOT MORE THAN 1/3RD OF BARS SHALL BE LAPPED AT ANY SECTION.
6. DEVELOPMENT LENGTH OF STEEL FOR M20 CONCRETE & FE-415 STEEL SHALL BE AS FOLLOWS:
 - A. STEEL IN BENDING TENSIONS $L_d = 48 \phi$ OF BARS
 - B. STEEL IN COMPRESSION $L_d = 38 \phi$ OF BARS
7. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ 450/250/300/600 UNLESS OTHERWISE MENTIONED.

NOTES FOR FOOTING DESIGN :-

1. FOOTINGS ARE DESIGNED FOR SAFE BEARING CAPACITY OF
100KN/M² AT FOUNDATION WL
2. MINIMUM DEPTH OF EXCAVATION TO BE TAKEN
AS 1.5 MT. BELOW G.L

OF K. S. CREATION
Gentry, Indiana 122
Gentry, Indiana 122
10/1/66

PROJECT
TYPE DESIGN OF M.I.G.-I FLATS(G+3)

DRAWING TITLE:
GROUND FLOOR ROOF BEAM DETAIL

RAJASTHAN HOUSING BOARD

ACKNOWLEDGMENTS

The authors thank Dr. J. A. P. Coutinho for his contribution to the development of the methodology used in this work.

姓名: 王明 学号: 123456789 性别: 男 出生日期: 1990-01-01 联系电话: 138-1234-5678 电子邮箱: wangming@example.com

ASSISTANT ENGINEER-IN-CHARGE, DEPUTY HOUSING COMMISSIONER, C.

GENERAL NOTES FOR R.C.C. WORK :-

1. CONCRETE GRADE OF R.C.C. IN ALL PARTS OF THE STRUCTURE SHALL BE M-20 (CONCRETE TO IS 456:2000) IS TO BE USED FOR ALL PARTS OF THE STRUCTURE. THE MINIMUM COVER TO REINFORCEMENT SHALL BE 25 MM FOR SLAB AND 40 MM FOR COLUMN AND BEAM.

2. NOMINAL COVER TO CONCRETE IS TO BE PROVIDED AS PER IS 456:2000 FOR SOME OF R.C.C. COMPONENTS. THE COVER SHALL BE AS FOLLOWS:-

PARTICULAR	BOTTOM	TOP	SIDES
SLAB	25MM	25MM	25MM
BEAM	25MM	25MM	40MM
PIER	25MM	25MM	40MM
COLUMN	40MM	40MM	40MM
BEAMS, JUNCTIONS	40MM	40MM	40MM

COVER BLOCKS BE MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.

3. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.

4. LAPS SHALL BE STAGGERED SO THAT NOT MORE THAN 1/3RD OF BARS SHALL BE LAPPED AT ANY SECTION.

5. DEVELOPMENT LENGTH OF STEEL FOR M-20 CONCRETE & FE-415 STEEL SHALL BE AS FOLLOWS:-

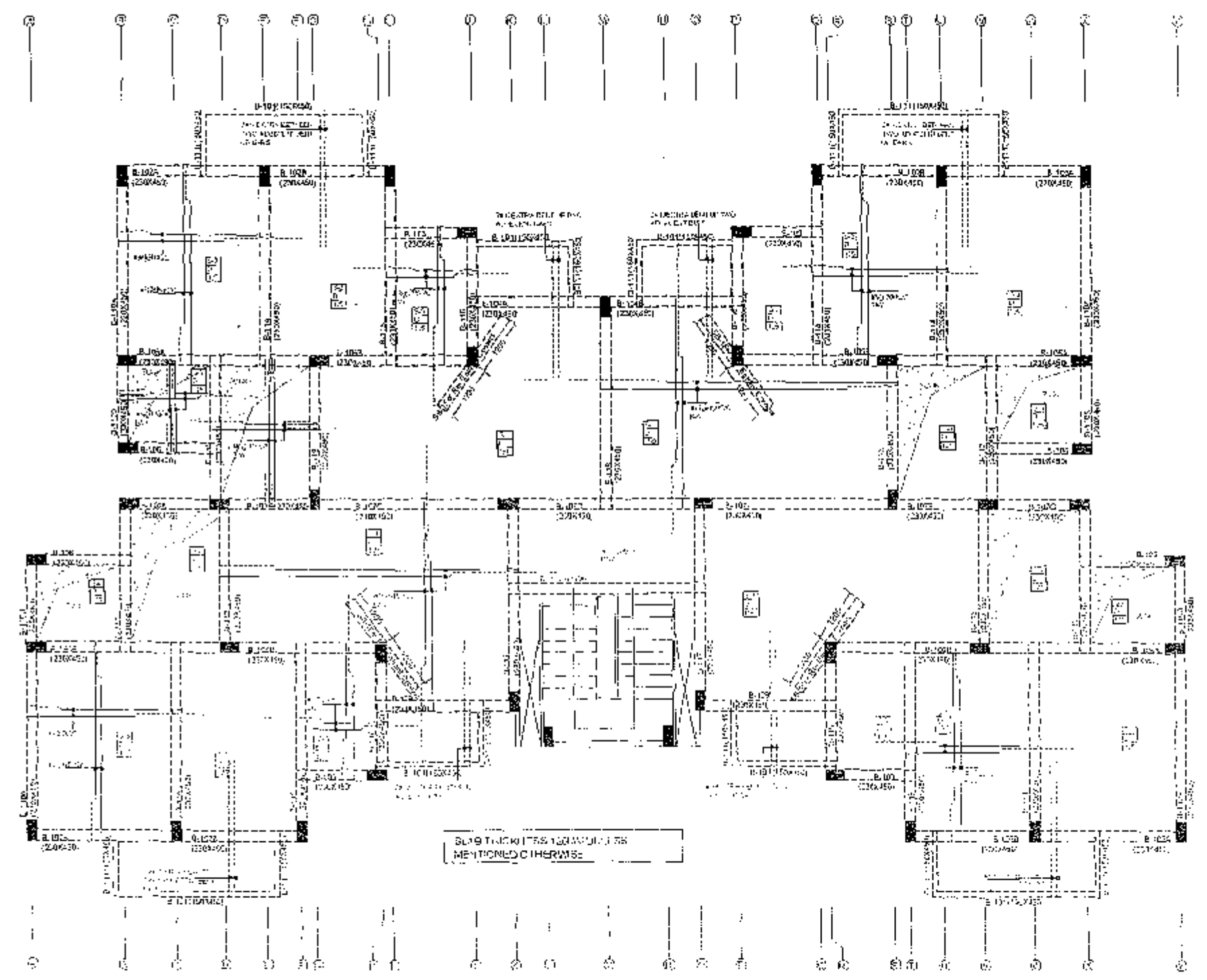
- A - STEEL IN BENDING TENSIONS $L_d = 48 \phi$ OF BARS
- B - STEEL IN COMPRESSION $L_d = 38 \phi$ OF BARS

6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ 250MM X 250MM UNLESS OTHERWISE MENTIONED.

NOTES FOR FOOTING DESIGN :-

1. FOOTINGS ARE DESIGNED FOR SAFE BEARING CAPACITY OF 100 kN/m^2 AT FOUNDATION LVL.

2. MINIMUM DEPTH OF EXCAVATION TO BE TAKEN AS 1.5 MT. BELOW G.I.



SLAB THICKNESS 150MM UNLESS MENTIONED OTHERWISE

FOR K. S. CREATION
By K. S. Creation
Vignay Kumar (C.E.)
AUTHORISED SIGNATURE

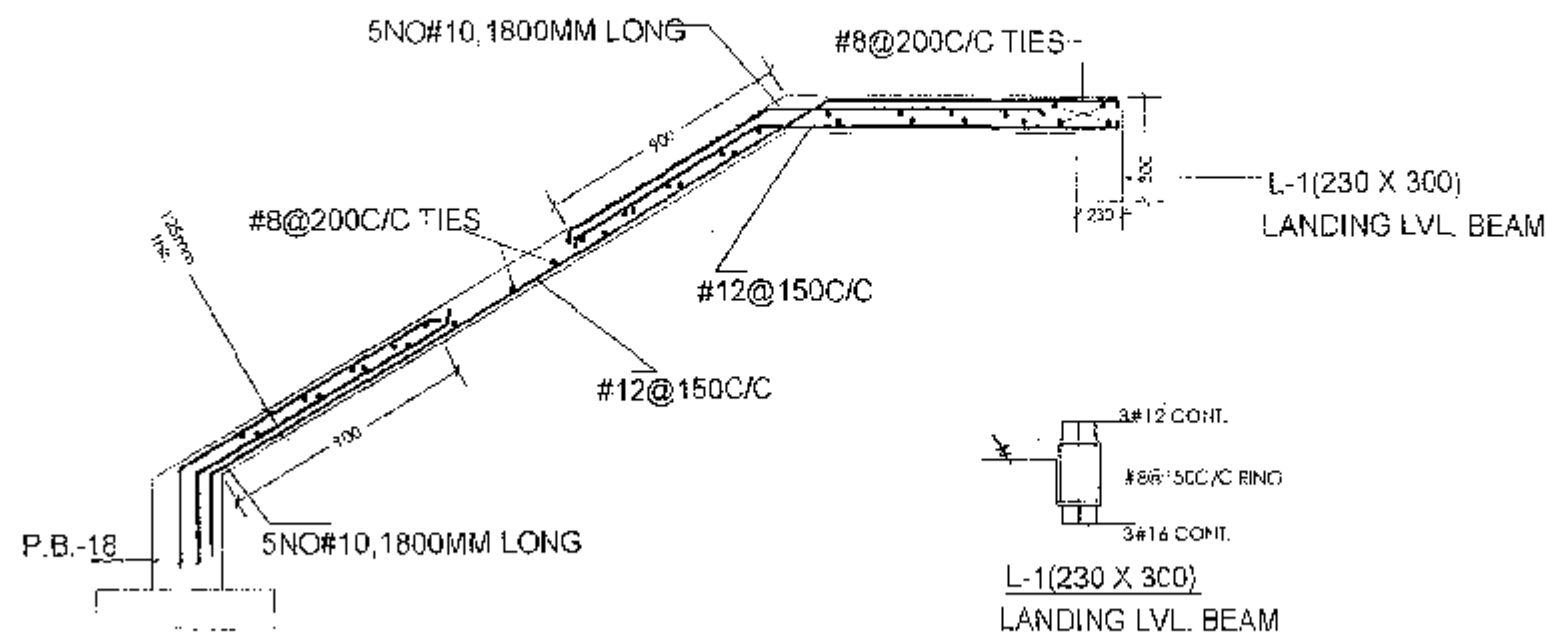
PROJECT
TYPE DESIGN OF M.I.G.-I FLATS(G+3)
DRAWING TITLE
GROUND FLOOR ROOF PLAN

RAJASTHAN HOUSING BOARD

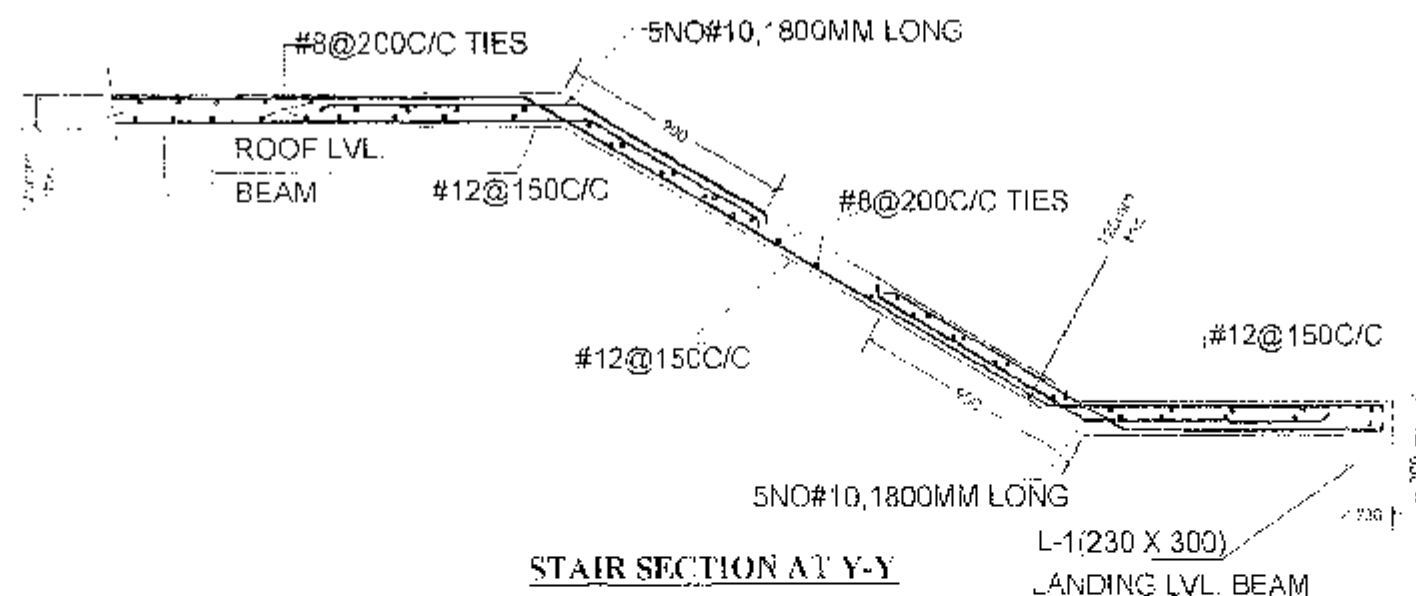
REVISIONS
1. As per drawing
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100. As per drawing

DESIGNED BY
HEMANT KUMAR
CHECKED BY
R.H.B./2/10/2015/10/2015
DATE
S-17

RESIDENT ENGINEER/DEPUTY HOUSING COMMISSIONER(I.C.)
CHIEF ENGINEER



STAIR SECTION AT X-X



STAIR SECTION AT Y-Y

1. ALL STEEL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RAJASTHAN HOUSING BOARD.

2. MINIMUM COVER TO CONCRETE FOR REINFORCEMENT SHALL BE AS PER IS-456-2000 FOR SLAB AND IS-456-2000 FOR BEAMS.

PARTICULAR	BOTTOM	TOP	SIDES
SLAB	20MM	20MM	20MM
FOOTING	250MM	250MM	250MM
RETAINING WALL	100MM	100MM	100MM
COLUMNS	50MM	50MM	50MM
BEAMS (VERTICAL)	50MM	50MM	50MM

3. LOWER BLOCK BE MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.

4. LAP IN S.A.B. & BEAMS OF SUPERSTRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.

5. LAP SHALL BE STAGGERED SO THAT NOT MORE THAN 10% OF BARS SHALL BE LAPPED AT ANY SECTION.

6. DEVELOPMENT LENGTH OF STEEL FROM TO CONCRETE & FE 415 STEEL SHALL BE AS FOLLOWS:

A - STEEL IN BENDING TENSIONS $L_d = 48 \text{ DIA OF BARS}$

B - STEEL IN COMPRESSION $L_d = 35 \text{ DIA OF BARS}$

C - TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ #8@250MM C/C UNLESS OTHERWISE MENTIONED.

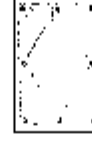
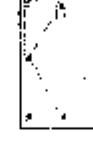
NOTES FOR FOOTING DESIGN:

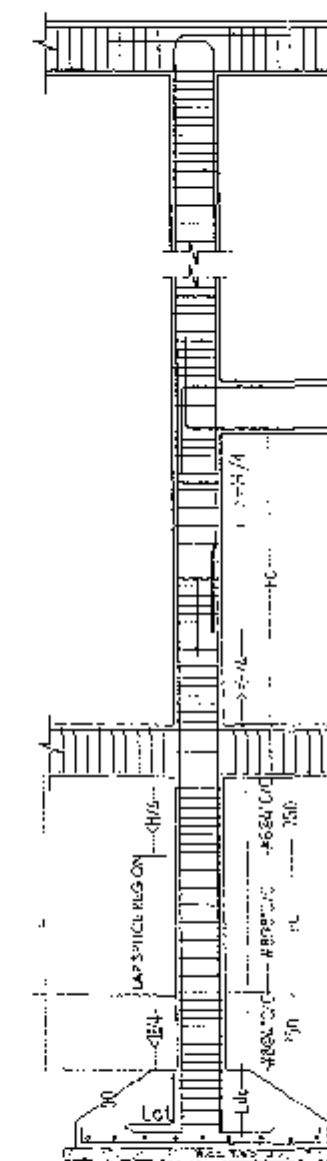
1. FOOTINGS ARE DESIGNED FOR SAFE BEARING CAPACITY OF 100KN/M² AT FOUNDATION LVL.

2. MINIMUM DEPTH OF EXCAVATION TO BE TAKEN AS 1.5 M. BELOW N.G.L.

For K. S. CHANDAN
(Signature)
 (Vinay Kumar Choudhary)
 Assistant Engineer

PROJECT TYPE DESIGN OF M.L.G.H FLATS (G13) DRAWING NO. STAIR DETAIL	RAJASTHAN HOUSING BOARD	PREPARED BY VIJAY KUMAR DATE 10/05/2014 CHECKED BY RAJENDRA KUMAR DATE 10/05/2014	APPROVED BY VIJAY KUMAR DATE 10/05/2014 S-01 CHIEF ENGINEER
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THIRD FLOOR	SIZE	230X450		SIZE	230X450		SIZE	230X450	
	MIX.	M-25		MIX.	M-25		MIX.	M-25	
	REINF.	6#12+ 2#12		REINF.	4#16+ 4#12		REINF.	4#16+ 4#12	
	RINGS	8MM AS/SEC.		RINGS	8MM AS/SEC.		RINGS	8MM AS/SEC.	
SECOND FLOOR	SIZE	230X450		SIZE	230X450		SIZE	230X450	
	MIX.	M-25		MIX.	M-25		MIX.	M-25	
	REINF.	6#12+ 2#12		REINF.	4#16+ 4#12		REINF.	4#16+ 4#12	
	RINGS	8MM AS/SEC.		RINGS	8MM AS/SEC.		RINGS	8MM AS/SEC.	
FIRST FLOOR	SIZE	230X450		SIZE	230X450		SIZE	230X450	
	MIX.	M-25		MIX.	M-25		MIX.	M-25	
	REINF.	8#16		REINF.	4#16+ 4#12		REINF.	4#16+ 4#12	
	RINGS	8MM AS/SEC.		RINGS	8MM AS/SEC.		RINGS	8MM AS/SEC.	
GROUND FLOOR	SIZE	230X450		SIZE	230X450		SIZE	230X450	
	MIX.	M-25		MIX.	M-25		MIX.	M-25	
	REINF.	4#20+ 4#16		REINF.	8#16		REINF.	6#16+ 2#12	
	RINGS	8MM AS/SEC.		RINGS	8MM AS/SEC.		RINGS	8MM AS/SEC.	
FOOTING TO PLINTH BEAM	SIZE	230X450		SIZE	230X450		SIZE	230X450	
	MIX.	M-25		MIX.	M-25		MIX.	M-25	
	REINF.	4#20+ 4#16		REINF.	8#16		REINF.	6#16+ 2#12	
	RINGS	8MM AS/SEC.		RINGS	8MM AS/SEC.		RINGS	8MM AS/SEC.	
COLUMN	C-1			C-2			C-3		



TYPICAL COLUMN TRANSVERSE REINFORCEMENT DETAIL

GENERAL NOTES FOR R.C.C. WORK

- CONCRETE GRADE OF M 25 LAYED BARS OF 1546 (CONFORMING TO IS 1786-1983) IS CONSIDERED IN DESIGN OF R.C.C. SLAB. 5 ULTRA GRADE OF CONCRETE FOR COLUMN SHALL BE M 25.
- ORIGINAL COVER TO CONCRETE IS TO BE PROVIDED AS PER 5% TO 40% DEPENDENT ON R.C.C. COMPONENTS COVER SHALL BE AS FOLLOWS

PARTICULAR	BOTTOM	TOP	SIDE
SLAB	25MM	25MM	25MM
RETAINING WALL	17.5MM	17.5MM	17.5MM
COLUMNS	17.5MM	17.5MM	17.5MM
BEAMS (UNTED)	17.5MM	17.5MM	17.5MM

- COVER BLOCK BE MADE OF CONCRETE 8 OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.
- LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED
- LAP SHALL BE STAGGERED SO THAT NOT MORE THAN 1/3rd OF BARS SHALL BE LAPPED AT ANY SECTION
- DEVELOPMENT LENGTH OF STEEL FOR M-20 CONCRETE & FC-415 STEEL SHALL BE AS FOLLOWS:
A- STEEL IN BENDING TENSION $L_d = 48 \text{ DIA OF BARS}$
B- STEEL IN COMPRESSION $L_d = 38 \text{ DIA OF BARS}$
- 115 MM DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ 150MM C/C UNLESS OTHERWISE MENTIONED

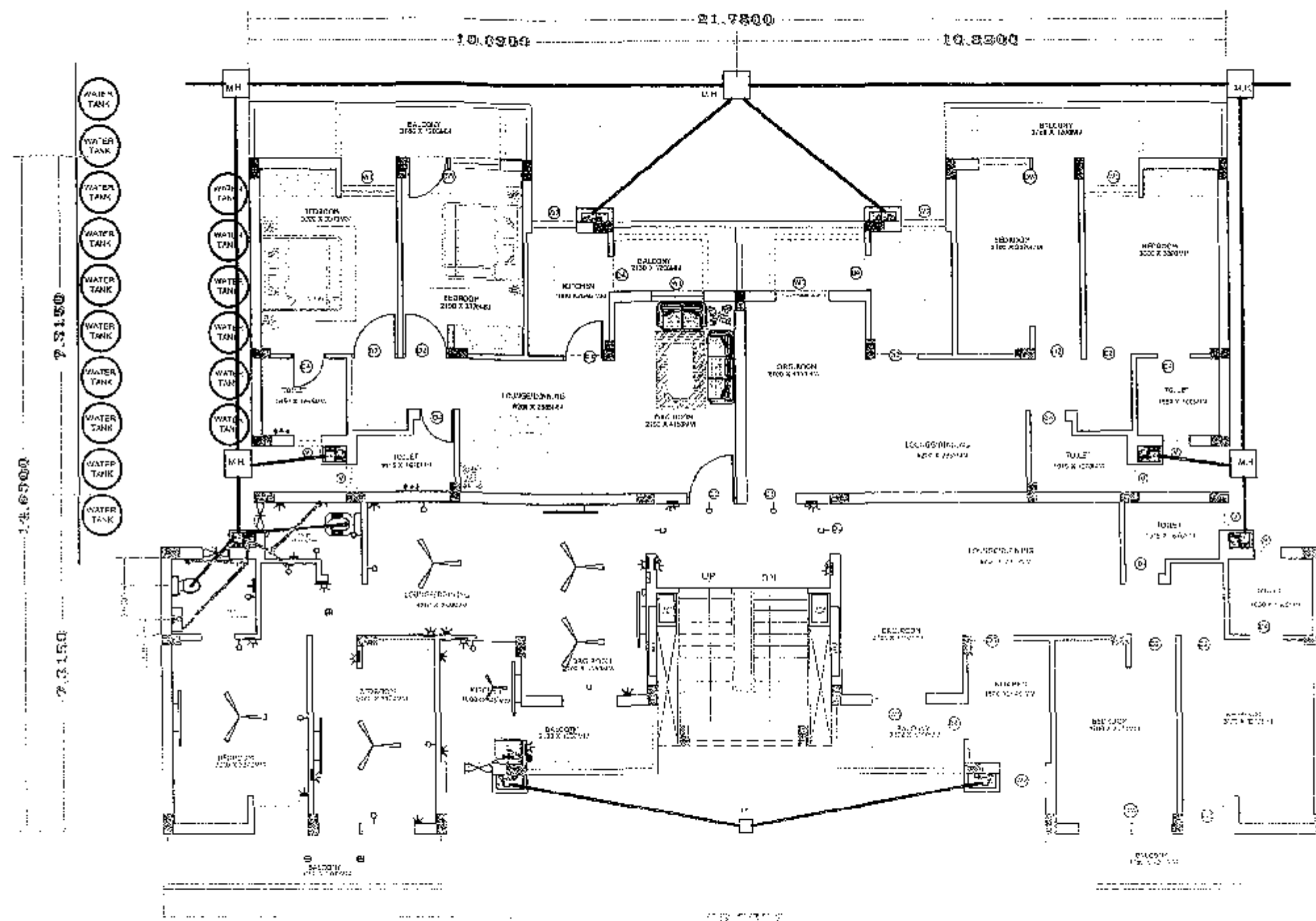
NOTES FOR FOOTING DESIGN:-

- FOOTINGS ARE DESIGNED FOR SAFE BEARING CAPACITY OF 100 KN/M^2 AT FOUNDATION LVL.
- MINIMUM DEPTH OF EXCAVATION TO BE TAKEN AS 1.5 MT. BELOW N.G.L.

OF P. S. CITATION

 P. S. CITATION
 Deputy Engineer (RCC)
 Rajasthan Housing Board

PROJECT TYPE DESIGN OF MULTIFLATS (G-3) DRAWN BY COLUMNS SCHEDULE	RAJASTHAN HOUSING BOARD	PROJECT LOCATION K. S. CITATION P. S. CITATION P. S. CITATION P. S. CITATION P. S. CITATION P. S. CITATION	PROJECT NO. HPMAT K. SAWAT DRAWN BY RHB/HQ/2013/MG-12-03-12 DATE S-01/S-02	RESIDENT ENGINEER (RCC) DEPUTY HOUSING COMMISSIONER (RCC) CHIEF ENGINEER
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GROUND FLOOR PLAN

ELECTRICAL SYMBOLS :-

- CEILING FAN
- 50 MM ROUND CEILING LIGHT BOX
- SWITCH BOARD (+ 1200)
- CEILING ROSE
- TUBE LIGHT (+ 2500)
- WALL LIGHT (+ 2500)
- 5 AMP. SOCKET (+ 1200)
- 15/20 AMP. SOCKET FOR COOLER (+ 300)
- KITCHEN (+1500) AND GEYSER (+2'00)
- EXHAUST FAN
- BELL SWITCH
- ELECTRICAL METER BOARD
- M.C.B.

SANITARY SYMBOLS :-

- W.C.
- PIPE 100MM DIA.
- PIPE 75MM DIA.
- TAP (MIXER) +1000
- JAL
- TAP (+300)
- GAIL TRAP (150 X 150)
- INSPECTION CHAMBER (450 X 450)
- WASH WASHING (-500)
- MAIN HOLE (600 X 600)

TYPE DESIGN OF M.I.G. I
FLATS (G+3)ELECTRICAL & SANITARY DETAIL
GROUND FLOOR PLAN

DSG NO. 100/100/100/100/100	SCALE :-
DATE: 14-09-2018	REV. NO. :-
DATE: 05-09-2018	CLIP :-
 ASSISTANT ARCHITECT	 CHIEF ENGINEER
 ADDL. CHIEF TOWN PLANNER	 CHIEF ENGINEER
RAJASTHAN HOUSING BOARD	

GENERAL NOTES FOR R.C.C. WORK:-

1. CONCRETE GRADE OF M-20 & 10%30 BARS OF FE-415 (CONFORMING TO IS 1786-2008)
2. CONCRETE GRADE OF M-20 & 10%30 BARS OF FE-415 (CONFORMING TO IS 1786-2008)
3. CONCRETE GRADE OF M-20 & 10%30 BARS OF FE-415 (CONFORMING TO IS 1786-2008)

4. MINIMUM COVER TO CONCRETE IS TO BE PROVIDED AS PER IS 456:2000 FOR SLAB
OF R.C.C. CONCRETE SHALL BE 45 FOR C/S.

REINFORCEMENT	SECTION	TOP	SECS
SLAB	25MM	25MM	
FOOTING	25MM	25MM	25MM
RETAINING WALL	25MM	25MM	25MM
COLUMNS	25MM	25MM	25MM
BEAMS, LINTLS	25MM	25MM	25MM

COVER BLOCK BE MADE OF CONCRETE & OF GRADE NOT LESS THAN
GRADE OF CONCRETE USED IN R.C.C.

3. LAP IN SLAB & BEAMS OF SUPERSTRUCTURE CLOSE TO MID SPAN
FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.

4. LAP SHALL BE STOKED FREELY SO THAT NOT MORE THAN 1/3rd OF
BARS SHALL BE LAPPED AT ANY SECTION

5. DEVELOPMENT LENGTH OF STEEL FOR M-20 CONCRETE & FE-415 STEEL SHALL
BE AS FOLLOWS:-

A - STEEL IN BENDING TENSIONS $L_{d} = 48 \text{ DIA OF BARS}$
B - STEEL IN COMPRESSION $L_{d} = 38 \text{ DIA OF BARS}$

6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED
@ 250MM C/C UNLESS OTHERWISE MENTIONED

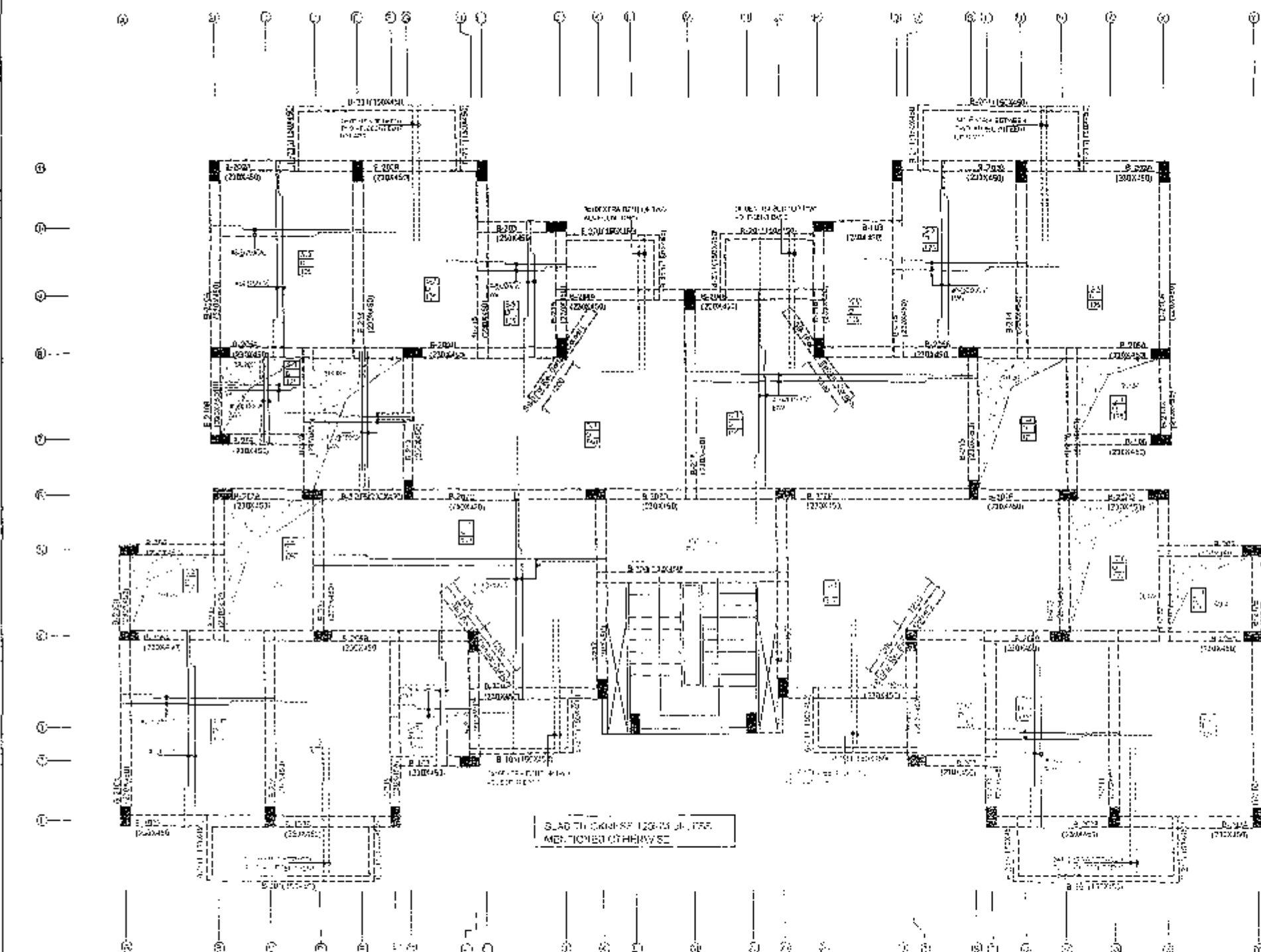
NOTES FOR FOOTING DESIGN:-

1. FOOTINGS ARE DESIGNED FOR SAFE BEARING CAPACITY OF
100KN/M² AT FOUNDATION LVL.

2. MINIMUM DEPTH OF EXCAVATION TO BE TAKEN
AS 1.5 M BELOW G.L

For K. S. CHANDAN
Viney Kumar D. Singh
K. S. CHANDAN

RESIDENT ENGINEER (C-III) DEPUTY HOUSING COMMISSIONER (C-III)
CHIEF ENGINEER



PROJECT
TYPE DESIGN OF M.I.G-I FLATS(G+3)
DRAWING TITLE
FIRST & SECOND FLOOR ROOF DECK (TYPICAL)

RAJASTHAN HOUSING BOARD

DESCRIPTION
RHB/HO/2010/MIG I/G+3
S-10

DESIGNED BY
REMAN KUMAWAT
RHB/HO/2010/MIG I/G+3
S-10

GENERAL NOTES FOR R.C.C. WORK:-

1. CONCRETE GRADE OF M 20 & HYSD BARS OF Fe 415 (CORROSION TO IS 1792007) IS CONSIDERED IN DESIGN OF R.C.C. SLAB & BEAM. GRADE OF CONCRETE FOR COLUMN SHALL BE M 25.

2. MINIMUM COVER TO REINFORCEMENT IS TO BE PROVIDED AS PER IS 456-2000 FOR SLAB & BEAM. CORRESPONDING COVER SHALL BE AS FOLLOWS:-

MEMBER	ENVIRONMENT	SLAB	BEAM	COLUMN
SLAB	EXPOSED	20MM	25MM	25MM
RETAINING WALL	EXPOSED	20MM	25MM	25MM
COLUMN	EXPOSED	20MM	25MM	25MM
BEAMS, UNLESS OTHERWISE MENTIONED	EXPOSED	20MM	25MM	25MM

COVER BLOCKS TO BE MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.

3. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.

4. LAP SHALL BE STAGGERED SO THAT NOT MORE THAN 1/3rd OF BARS SHALL BE LAPTED AT ANY SECTION.

5. DEVELOPMENT LENGTH OF STEEL FOR M 20 CONCRETE & FE 415 STEEL SHALL BE AS FOLLOWS:-

A - STEEL IN BENDING TENSIONS $L_{d} = 48 \text{ DIA OF BARS}$

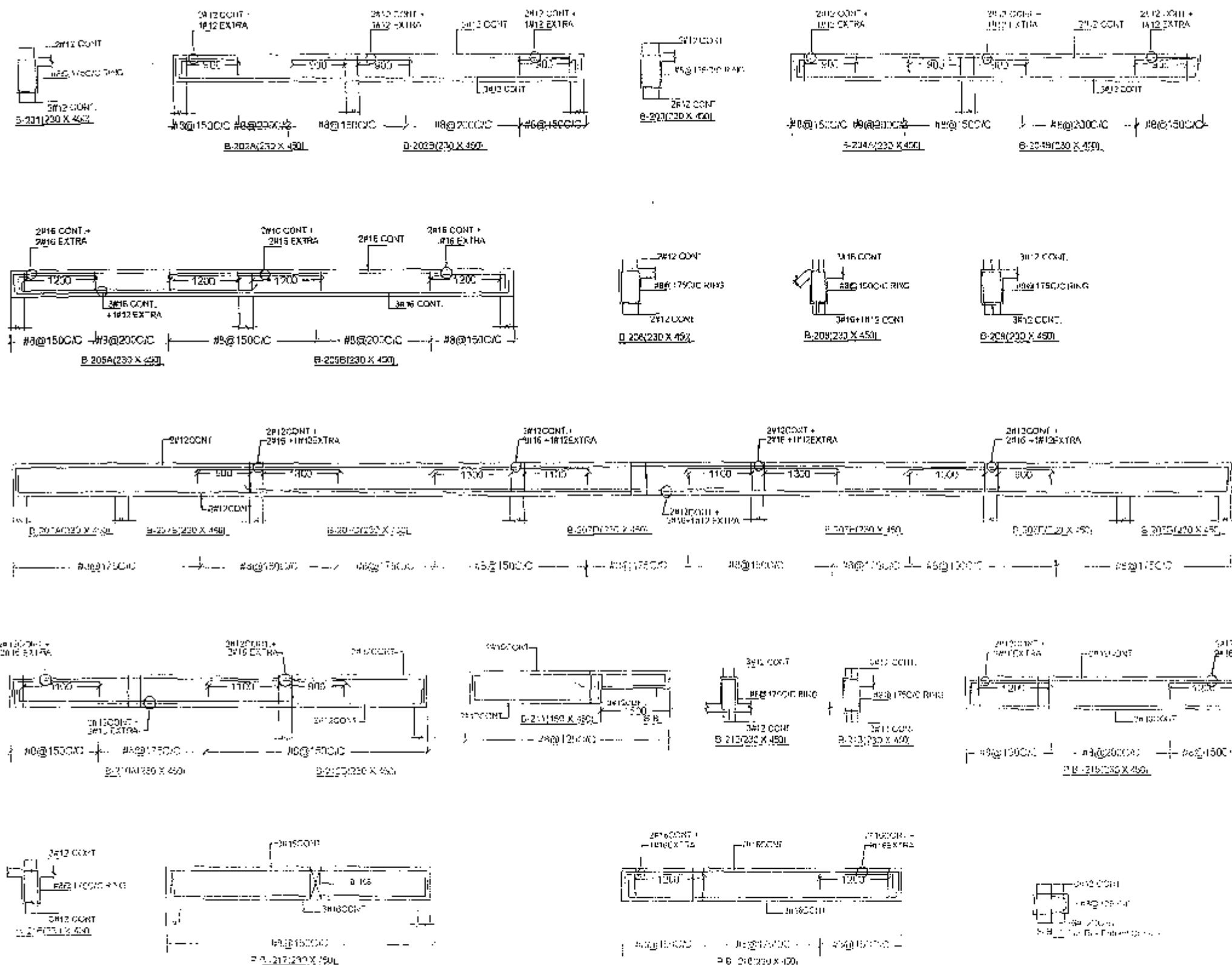
B - STEEL IN COMPRESSION $L_{d} = 38 \text{ DIA OF BARS}$

6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ #8@250MM/C/C UNLESS OTHERWISE MENTIONED.

NOTES FOR FOOTING DESIGN:-

1. FOOTINGS ARE DESIGNED FOR SAFE BEARING CAPACITY OF 100 KN/M^2 AT FOUNDATION LVL.

2. MINIMUM DEPTH OF EXCAVATION TO BE TAKEN AS 1.5 MT. BELOW N.G.L.



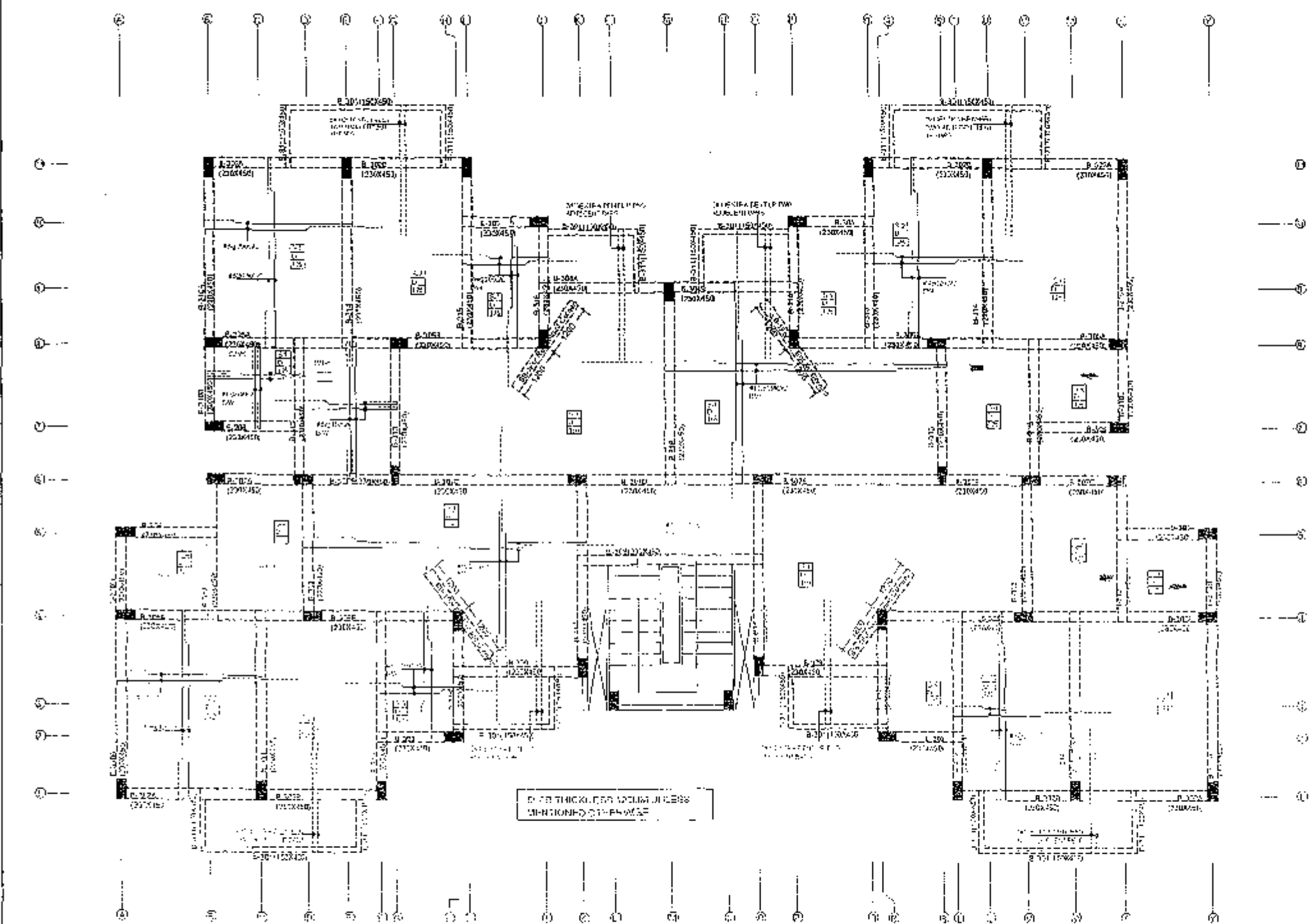
GENERAL NOTES FOR R.C.C. WORK:-

1. CONCRETE GRADE OF M-20 & FSD BARS OF Fe-415 (EXPANDED) IS TO BE USED. IS COISIDERED. MINIMUM OF R.C.C. SLAB & BEAM, GRADE OF CONCRETE FOR COLUMN SHALL BE M-25.
 2. MIN. COVER TO REINFORCEMENT IS TO BE PROVIDED AS PER IS:456-1978 FOR SOME OF R.C.C. COMPONENTS COVER SHALL BE AS FOLLOWS
- | PARTICULARS | TOP | SIDES |
|----------------|-------|---------------------------------------|
| SLAB | 20MM | 25MM |
| FOOTING | 25MM | 25MM |
| RETAINING WALL | 125MM | 125MM (EARTH SIDE)
125MM (ON SIDE) |
| COLUMN | 125MM | 125MM |
| BEAMS | 125MM | 125MM |
3. COVER BLOCK BE MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.
 4. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MIDSPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.
 5. LAP SHALL BE STAGGERED SO THAT NOT MORE THAN 1/3rd OF BARS SHALL BE LAP'ED AT ANY SECTION.
 6. DEVELOPMENT LENGTH OF STEEL FOR M-20 CONCRETE & FE-415 STEEL SHALL BE AS FOLLOWS:-
A - STEEL IN BENDING TENSIONS $L_d = 48 \text{ DIA OF BARS}$
B - STEEL IN COMPRESSION $L_d = 38 \text{ DIA OF BARS}$
 7. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ 180@250MM C/C UNLESS OTHERWISE MENTIONED.

NOTES FOR FOOTING DESIGN:-

1. FOOTINGS ARE DESIGNED FOR SAFE BEARING CAPACITY OF 100 KN/M^2 AT FOUNDATION LVL.
2. MINIMUM DEPTH OF EXCAVATION TO BE TAKEN AS 1.5 M. BELOW N.G.L.

FOR R.C.C. CONNECTION
Sd/-
14/12/2019
RESIDENT ENGINEER (R.C.C.)
DEPUTY HOUSING COMMISSIONER (R.C.C.)



PROJECT TYPE DESIGN OF M.I.G.-I FLATS(G+3)	RAJASTHAN HOUSING BOARD	DESIGNER K. CREATION 10/10/2019	CHECKED BY HEMANT KUMARWAT 14/12/2019
DRAWING TITLE FIRST FLOOR R.C.C. PLAN		DATE 14/12/2019	BY HEMANT KUMARWAT



LAY OUT PLAN APPROVED IN 145 P.C. MEETING
HELD ON DATED 04-12-2014 ITEM NO.25

NOTE:-
IN NUMBERING G.F., F.F., S.F. & T.F. IS ONLY FOR
REFERENCE NOT NUMBERING PART

Proposed layout of Sharma
Road for
MIG-A (G+3)
- 160 Nos Flats
at Sec 7 IG Nagar

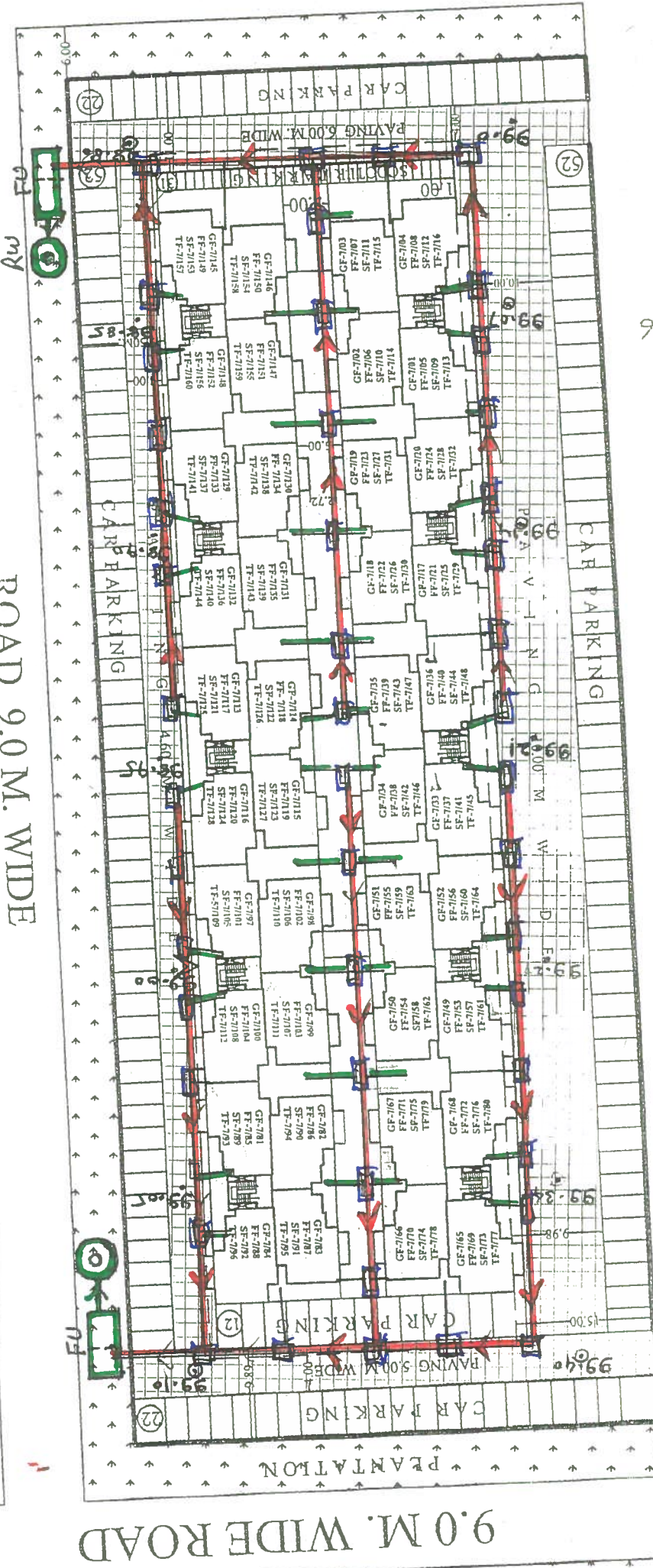
NUMBERING PLAN OF GROUP HOUSING
(GH-2) M.I.G (A) (G+3), SECTOR-7
INDRA GANDHI NAGAR, JAIPUR

DRG:- RHB/HQ/2016/37	SCALE :-	FILE NO:-	T.P.A. :- GURDEV SINGH	DEALT BY:- I.L.KUMAWAT	ASSISTANT ARCHITECT (SANT SARAN) 25/11/16	SENIOR TOWN PLANNER (MRINAL JOSHI) 25/11/16	ADDITIONAL CHIEF TOWN PLANNER (ARUN CHATURVEDI) 25/11/16
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SECTOR 7
160 MIG (G+3) Flats

RAIN WATER HARVESTING SYSTEM FOR MIG-A (G+3) 160 FLATS AT SECTOR 7 IG NAGAR JAIPUR

ROAD 9.0 M. WIDE



ROAD 18.0 M. WIDE

PLANTATION
48.00
G.H. - 1

COMMERCIAL

9.0 M. WIDE ROAD

200mm dia RWH Line (NC only)

24.0 M. WIDE SECTOR ROAD

House connection Clearances
(600x450) mm
(600x450) mm
Inner size
160 mm dia NC sink house
Connection Dipk
Filteration unit (Stimulog)
Rw
Reservoir well Res 3.00 m dia



LAY OUT PLAN APPROVED IN 145 P.C. MEETING
HELD ON DATED 04-12-2014 ITEM NO.25
NOTE:-
IN NUMBERING G.F., F.F., S.F. & T.F. IS ONLY FOR
REFERENCE NOT NUMBERING PART

Proposed level to be maintained
Road for
MIG 4 (G+3)
- 160 Nos Flats
at sec 7 I.G Nagar

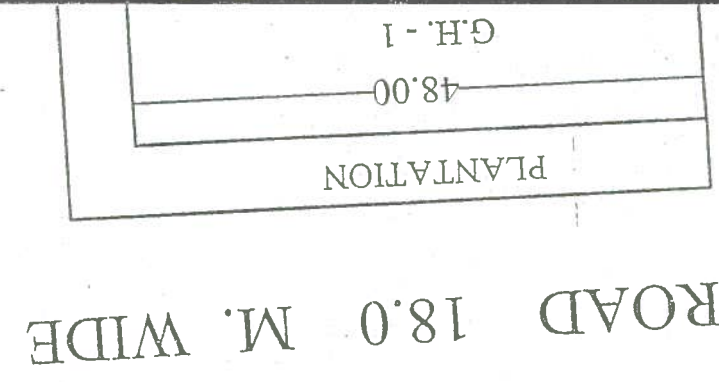
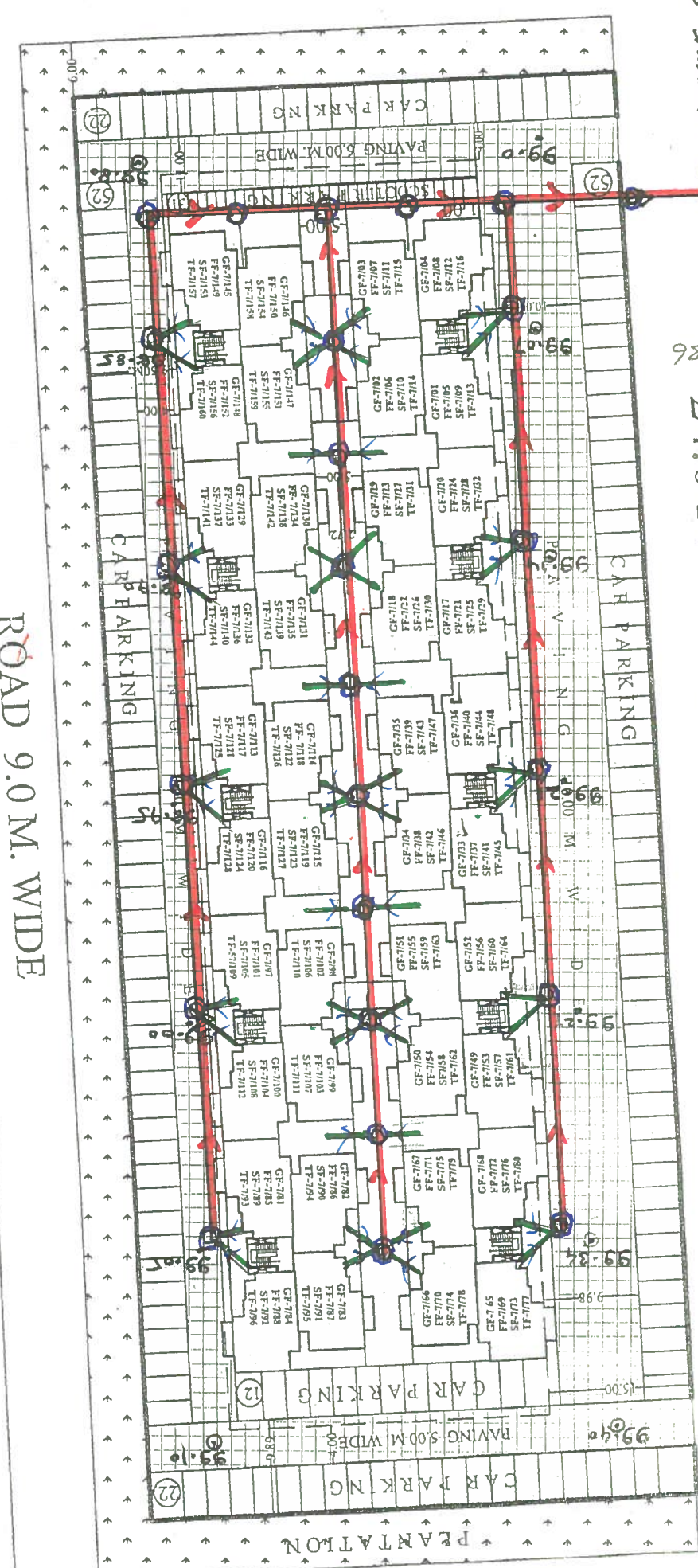
NUMBRING PLAN OF GROUP HOUSING
(GH-2) MIG (A) (G+3), SECTOR-7
INDRA GANDHI NAGAR, JAIPUR

SCALE :-	DATE :- 25-01-2016	FILE NO. :-	DEALT BY :- I. L. KUMAWAT	ASSISTANT ARCHITECT (SANT SARAN) (25/1/16)	DEPUTY TOWN PLANNER (R.S. KAPOORHIT) (25/1/16)	ADD. CHIEF TOWN PLANNER (ARUN CHATURVEDI) (25/1/16)	SENIOR TOWN PLANNER (AKHIL JOSHI)
DRG :- RHB/HQ/2016/37							

SECTOR-07
160 MIG (G+3) Flats

SEWERAGE SYSTEM FOR MIG (G+3) 160 FLATS AT SECTOR-7 I.G. NAGAR JAIPUR

ROAD 9.0 M. WIDE



COMMERCIAL

9.0 M. WIDE ROAD

EXISTING SEWER LINE (450 mm dia)

24.0 M. WIDE SECTOR ROAD

- 200 mm dia Sewer line (A/c only)
- PRECAST RCC MANHOLE
- 160 mm dia Pipe for Rough Groundwork