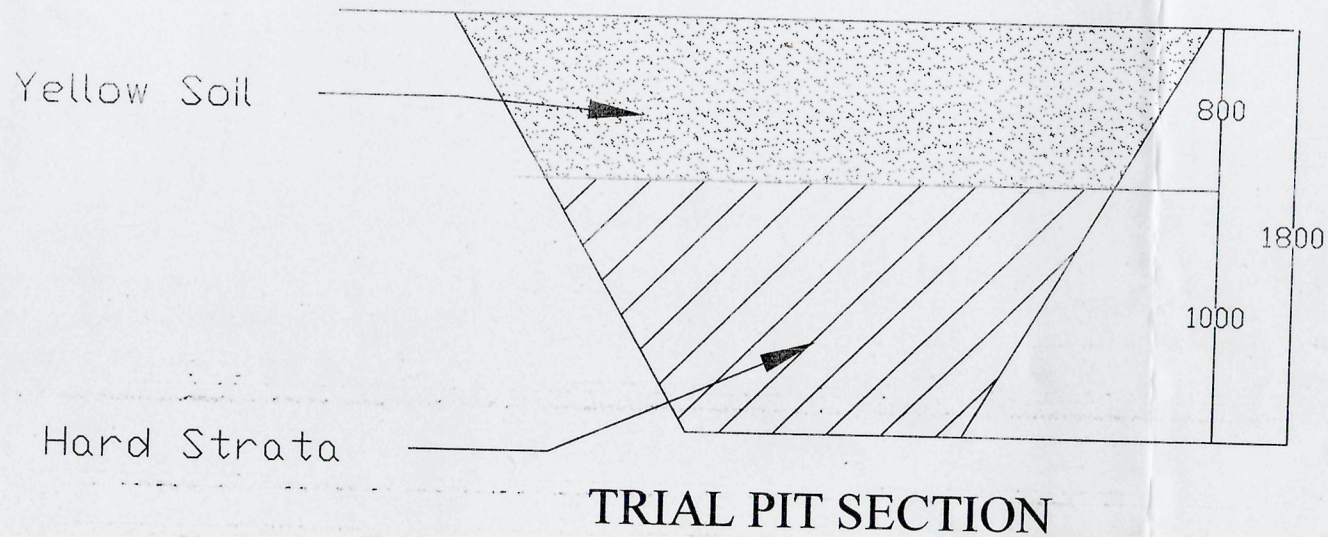

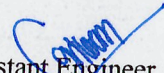
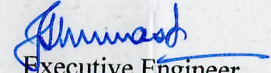


PROPOSED CONSTRUCTION OF 04 NOS. HIG, 14 NOS.
MIG & 25 NOS LIG, 41 NOS EWS BUILDING &
EXTERNAL DEVELOPMENT WORK OF UNDER
GENERAL SCHEME AT DEORIKHURD
DISTT.-BILASPUR (C.G.)




Sub Engineer
Chhattisgarh Housing Board
Sub Division-III, Bilaspur

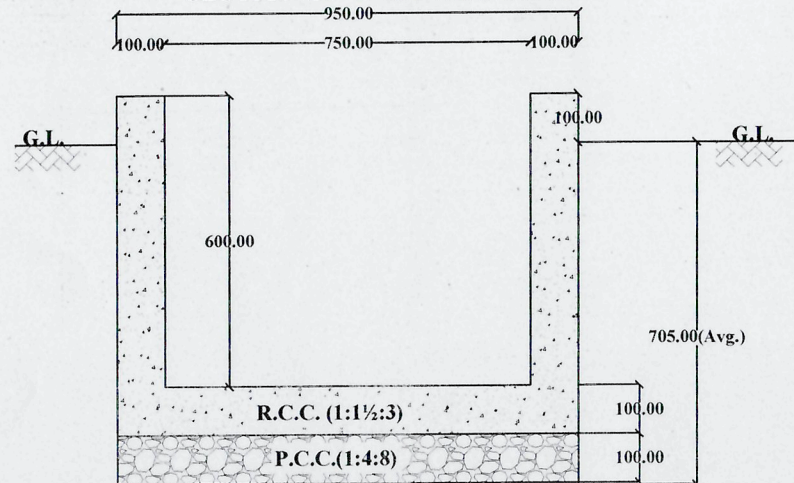

Assistant Engineer
Chhattisgarh Housing Board
Sub Division-III, Bilaspur


Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur

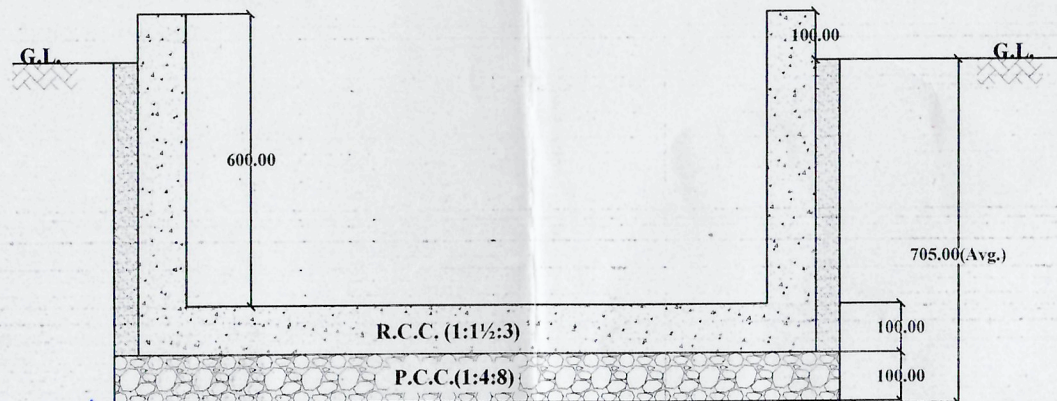
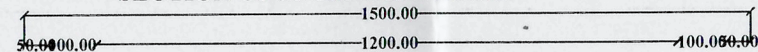
All Dimension are in mm

**PROPOSED CONSTRUCTION OF 06 NOS. HIG, 04 NOS. MIG & 16 NOS LIG BUILDING & EXTERNAL DEVELOPMENT WORK OF UNDER
GENERAL SCHEME AT RATANPUR DISTT.-BILASPUR (C.G.)**

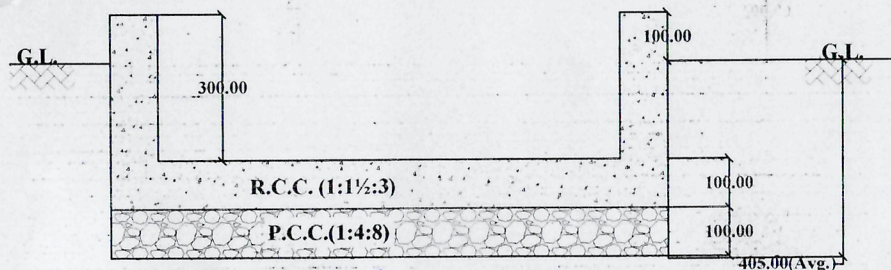
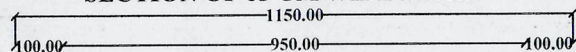
SECTION OF 45 CM WIDE DRAIN



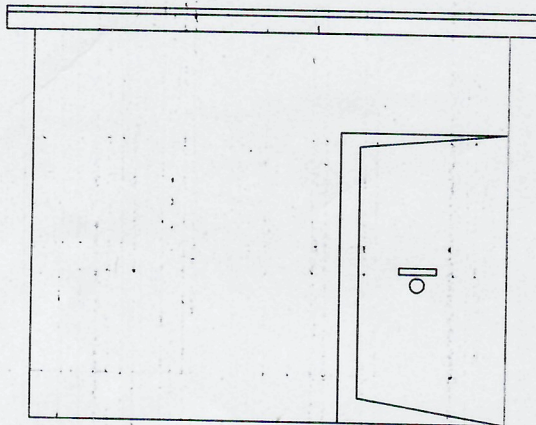
SECTION OF 90 CM WIDE DRAIN



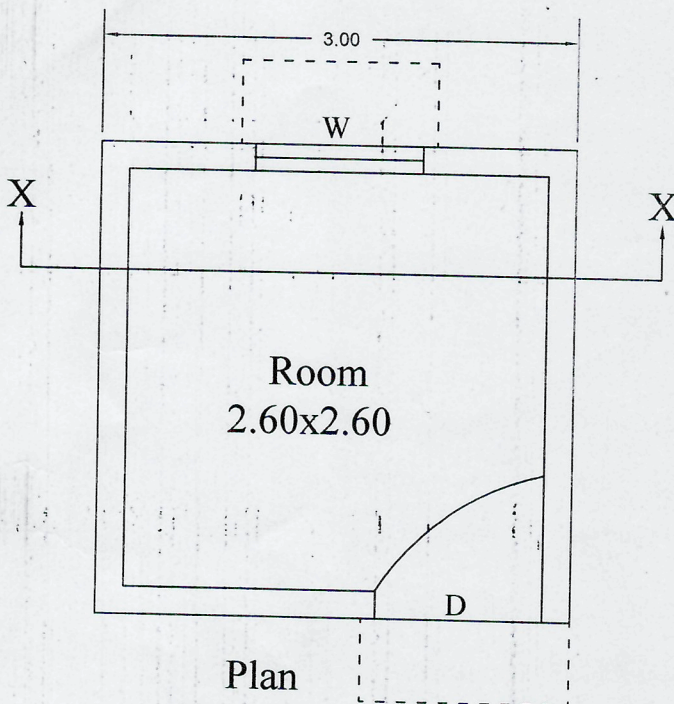
SECTION OF 65 CM WIDE DRAIN



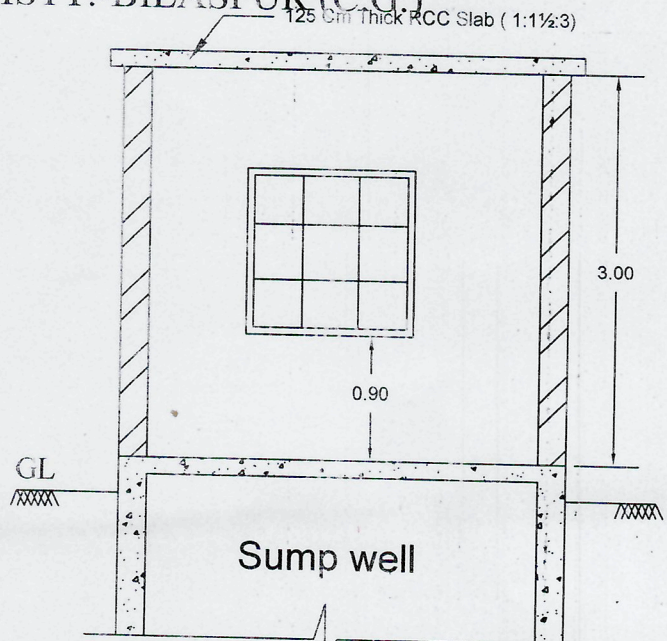
PROPOSED CONSTRUCTION OF 04 NOS. HIG, 14 NOS. MIG & 25
NOS LIG, 41 NOS EWS BUILDING & EXTERNAL
DEVELOPMENT WORK OF UNDER GENERAL SCHEME AT
DEORIKHURD DISTT.-BILASPUR (C.G.)



Elevation



Plan



Section X - X

PUMP HOUSE DETAILS

JOINERY DETAILS

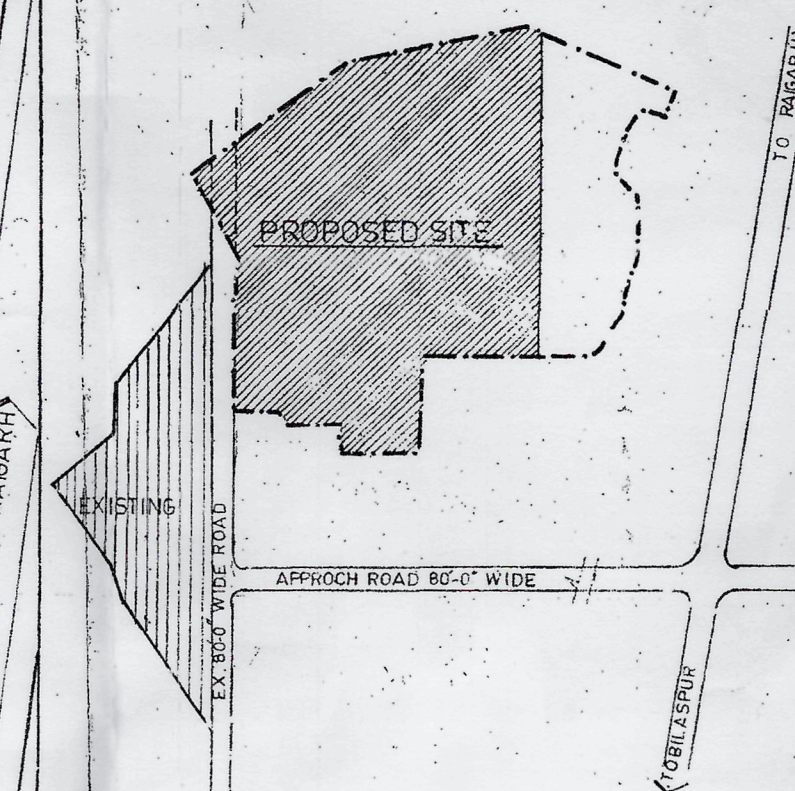
D = 0.90 X 2.10M
W = 1.20 X 1.20M

Sub Engineer
C.G. Housing Board
Sub Division-III, Bilaspur

Assistant Engineer
C.G. Housing Board
Sub Division-III, Bilaspur

Executive Engineer
C.G. Housing Board
Sub Division-Bilaspur

REVISED LAY OUT PLAN OF PROPOSED HOUSING SCHEME AT DEORI-KHURD, BILASPUR.



AREA OF LAND	12.1310 HECT.
15% AREA RESERVED FOR SHELTERLESS	1.8196
AREA UNDER EX. ROAD	0.2244
NET PLANNING AREA	10.0870

LAND USE	AREA IN HECT.	PERCENTAGE
RESIDENTIAL (AREA INCLUDING CORNER PLOTS)	5.6220	57.23%
COMMUNITY FACILITIES	0.9690	9.61%
SCHOOL	1.0258	10.17%
COMMERCIAL	2.2602	22.41%
CIRCULATION	2.3100	22.93%
TOTAL	10.0870	100.00%

TYPE	PLOT SIZE	PLOT AREA	NOS.
H.I.G.	12.00 X 18.00 M	216.00 SQ. M.	78
M.I.G.	9.00 X 15.00 "	135.00 "	178
L.I.G.	6.00 X 15.00 "	90.00 "	113
E.W.S.	4.50 X 9.00 "	40.50 "	111
TOTAL NO. OF PLOTS			480

NOTE:
 • THIS DRAWING SUBMITTED DRG NO. 3082
 • THIS DRAWING SHOULD NOT BE TRACED

M.P. HOUSING BOARD

DRG NO. 3171

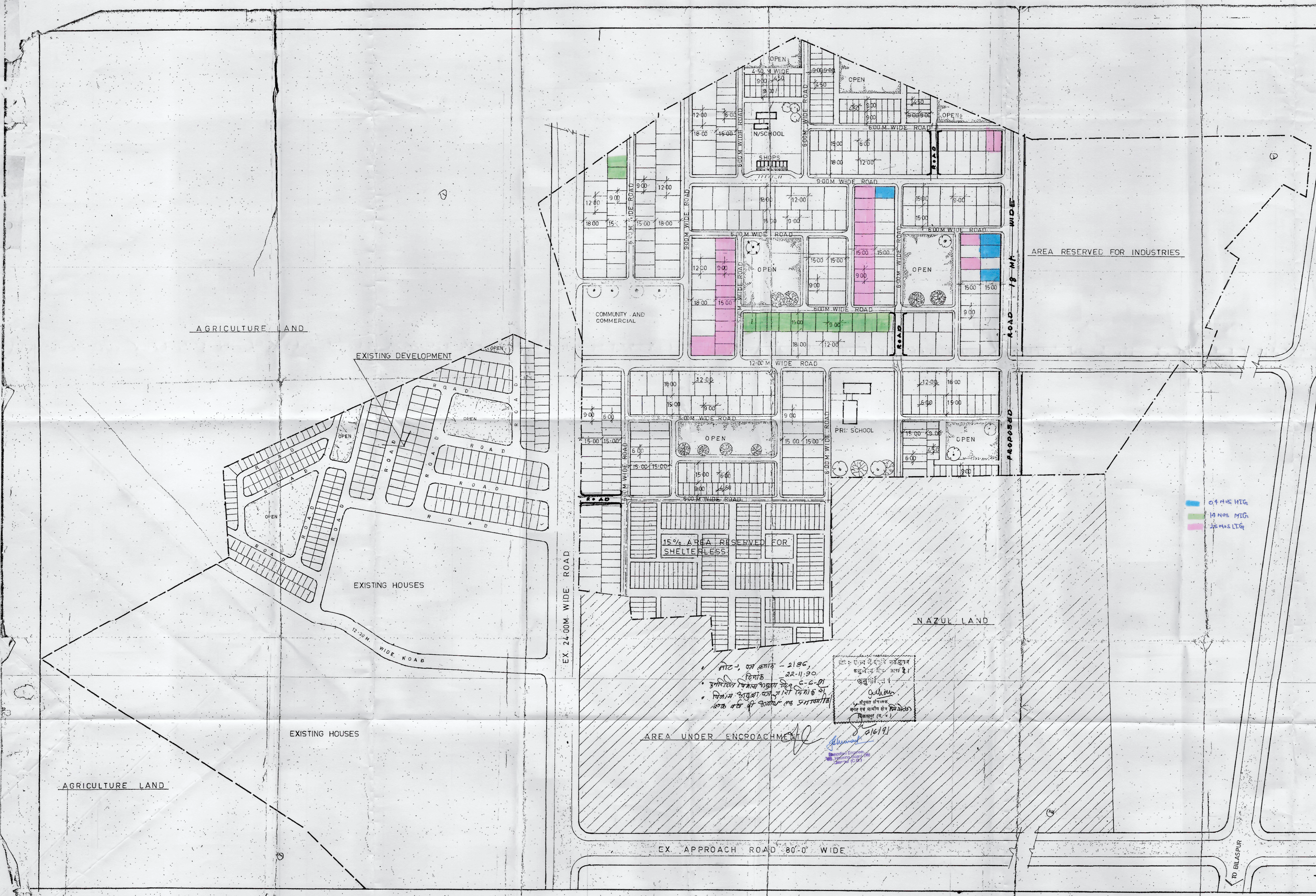
DATE 20.3.91

SCALE 1:1000

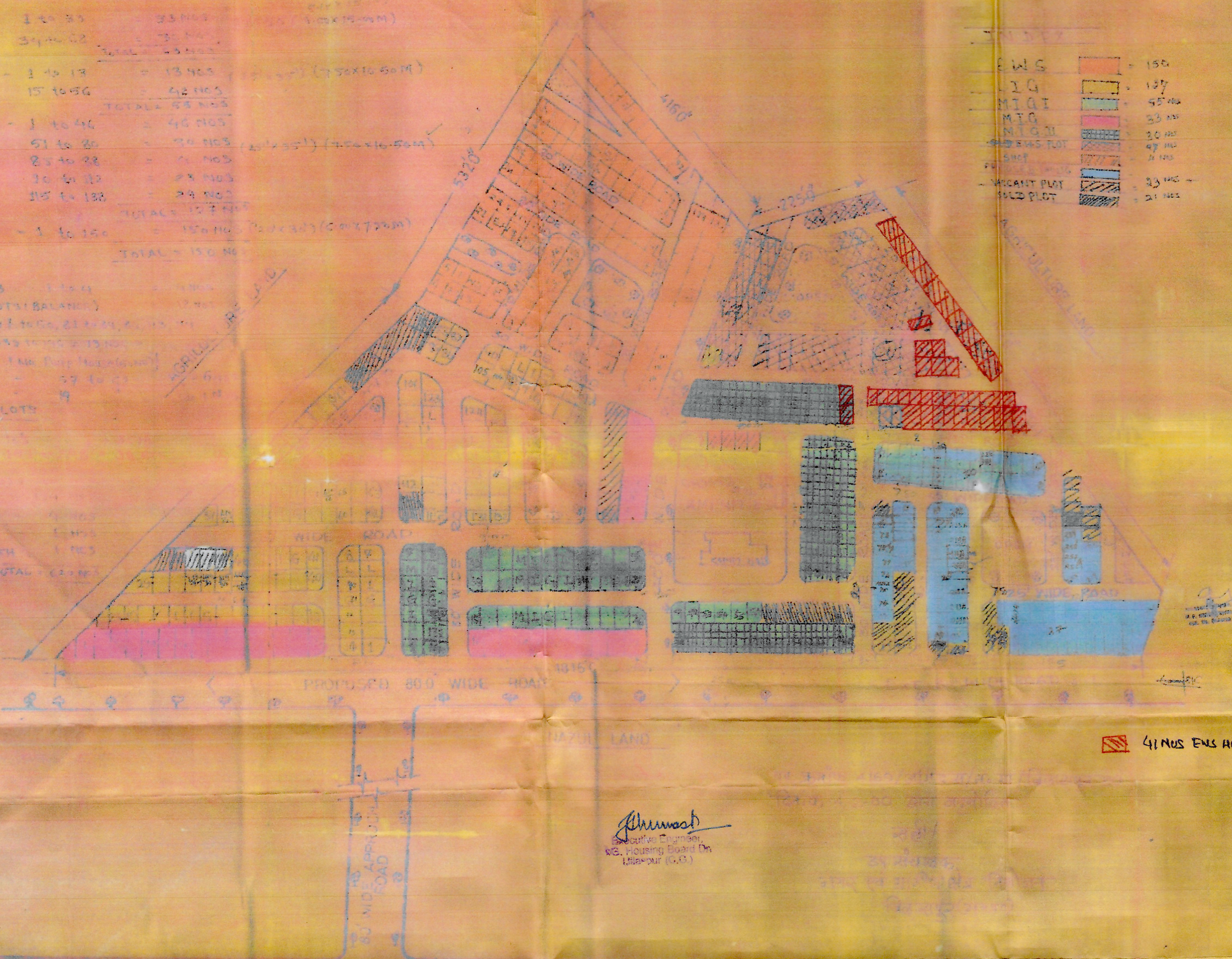
ASS'T. ARCHITECT


SENIOR ARCHITECT

CHIEF ARCHITECT



Handwritten notes and signatures at the bottom of the page, including '156', 'C.M. PATE', and 'Shravan'.



 41 NUS EWS HOWE

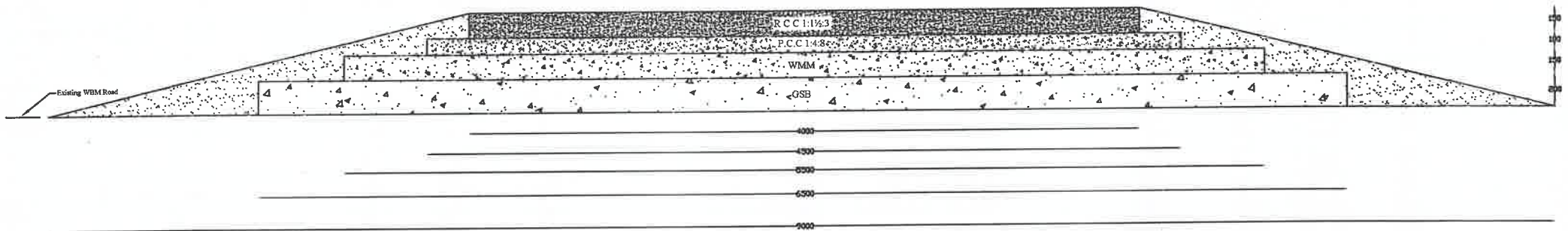
Khuram
Executive Engineer,
W.B. Housing Board On
Dillapur (G.G.)

Синим
A/E

Shinnest

PROPOSED CONSTRUCTION OF 04 NOS. HIG, 14 NOS. MIG & 25 NOS LIG, 41 NOS EWS BUILDING & EXTERNAL DEVELOPMENT
WORK OF UNDER GENERAL SCHEME AT DEORIKHURD DISTT.-BILASPUR (C.G.)

CONSTRUCTION OF 9.00M WIDE RCC ROAD AT GENERAL
SCHEME AT RATANPUR DISTT.-BILASPUR (C.G.)



CROSS SECTION OF ROAD

Sub Engineer
Chhattisgarh Housing Board
Sub Division-III, Bilaspur

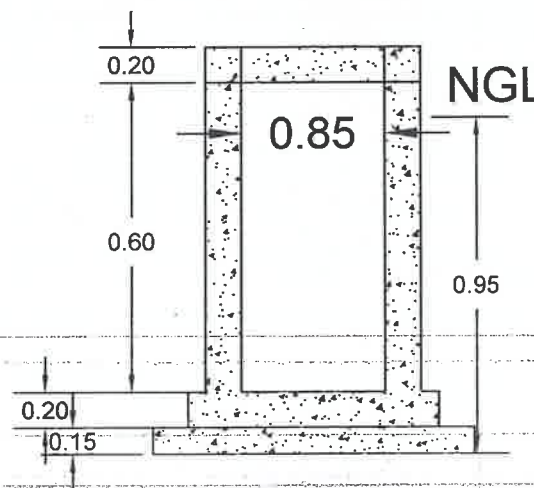
Assistant Engineer
Chhattisgarh Housing Board
Sub Division-III, Bilaspur

Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur

All Dimension are in mm

PROPOSED CONSTRUCTION OF 04 NOS. HIG, 14 NOS. MIG
& 25 NOS LIG, 41 NOS EWS BUILDING & EXTERNAL
DEVELOPMENT WORK OF UNDER GENERAL SCHEME AT
DEORIKHURD DISTT.-BILASPUR (C.G.)

CULVERT ON 9.50M WIDE ROAD

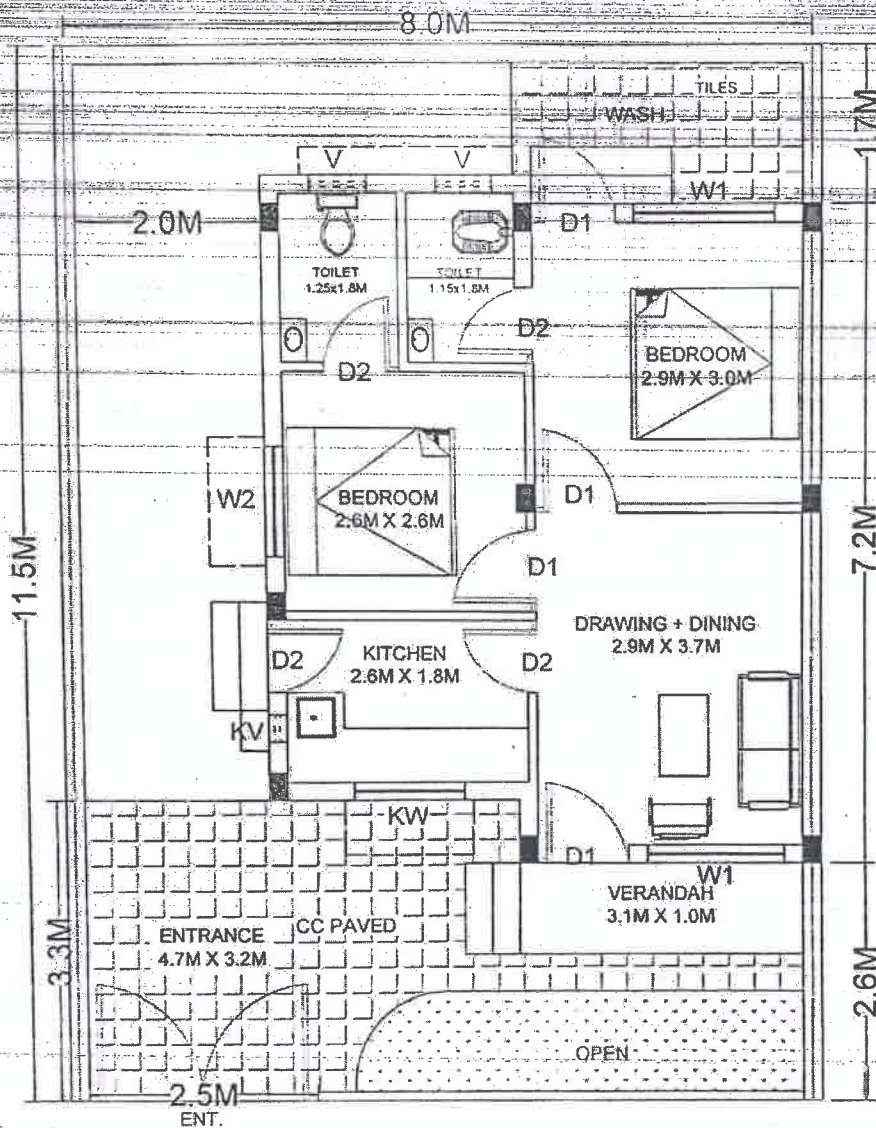


SECTION AT A - A

Sub Engineer
C.G. Housing Board
Sub Division-III, Bilaspur

Assistant Engineer
C.G. Housing Board
Sub Division-III, Bilaspur

Executive Engineer
C.G. Housing Board
Sub Division-Bilaspur



GROUND FLOOR PLAN

PROPOSED DRAWING OF LIG
HOUSE FOR GENERAL
HOUSING SCHEME AT
DEORIKHURD, BILASPUR
(C.G.)

AREA STATEMENT

PLOT SIZE : 8X11.50M
PLOT AREA : 92.00 SQ.M.
BUILT UP AREA:
GROUND FLOOR : 41.31 SQ.M.
CARPET AREA :
GROUND FLOOR : 36.19 SQ.M.

OPENING SCHEDULE

S. NO.	TYPE	NAME	SIZE	BREF SPECIFICATION OR AS PER ESTIMATE
1.	D	DOOR	1.00X2.10M.	SINGLE SHUTTER
2.	D1	DOOR	0.90X2.10M.	DO
3.	D2	DOOR	0.80X2.10M.	PVC DOOR & SHUTTER
4.	W1	WINDOW	1.50X1.20M.	GLAZED ALUMINIUM WINDOW WITH MS GRILL
5.	W2	WINDOW	1.20X1.20M.	DO
6.	KW	WINDOW	1.20X1.00M.	DO
7.	V	VENTILATOR	0.60X0.60M.	ALUMINIUM VENTILATOR
8.	KV	VENTILATOR	0.30X0.30M.	DO

NOTE

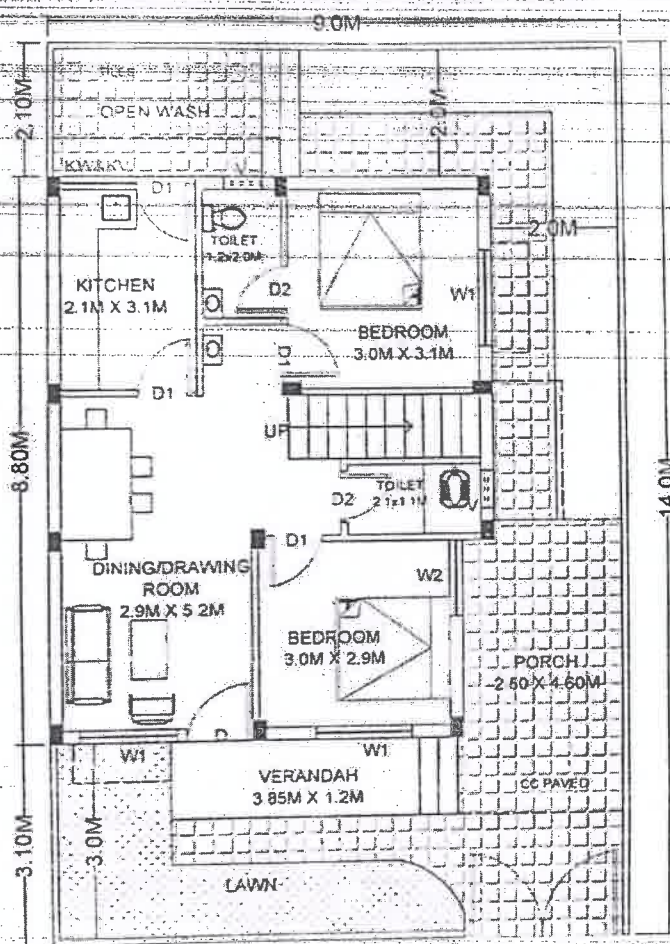
- ALL DIMENSION ARE IN MT.
- IF ANY DISCREPANCY FOUND IN THE DRAWING OR DIMENTION THEN ITS SHALL BE BROUGHT TO THE NOTICE OF ARCHITECT CGHS IMMEDIATELY.
- ONLY WRITTEN DIMENSION SHALL BE FOLLOW.

REF.

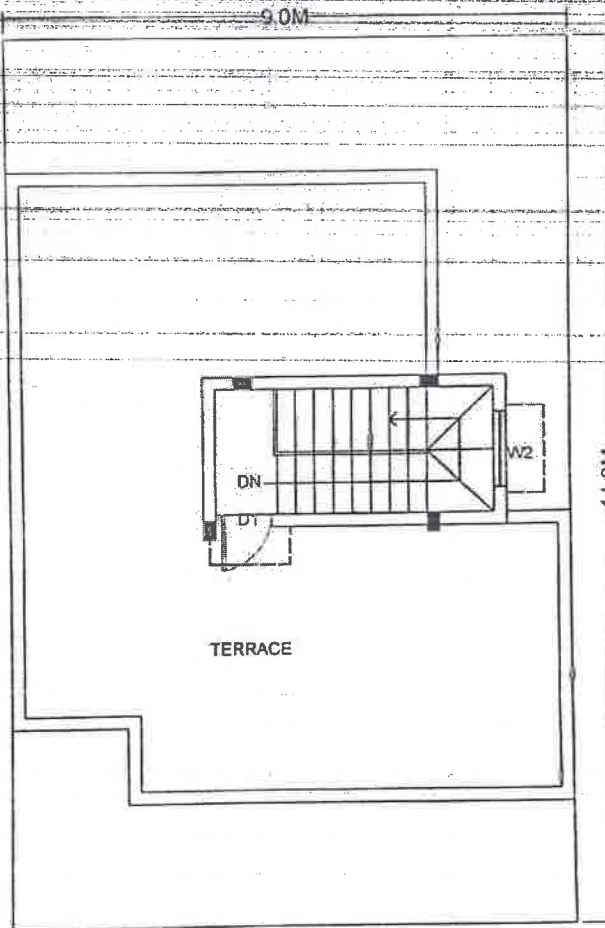
CHHATTISGARH HOUSING BOARD
HEAD OFFICE, SECTOR-19, PARYAWAS BHAWAN,
ATAL NAGAR NAYA RAIPUR CHHATTISGARH

SUBMISSION DRAWING

DRG NO. UG/PD1	DATE. 04/11/2025
	DRAWN BY
C.L. DOLE ARCHITECT CGHB HEAD OFFICE COA NO. CA/89/12366	KIRAN SAHU ARCHITECTURE ASSIST. HO



GROUND FLOOR PLAN



FIRST FLOOR PLAN

PROPOSED DRAWING OF MIG
HOUSE FOR GENERAL
HOUSING SCHEME AT
DEORIKHURD BILASPUR
(C.G)

AREA STATEMENT

PLOT SIZE	9X14.00M
PLOT AREA	126.00 SQM.
BUILT UP AREA	
GROUND FLOOR	: 69.00 SQM.
(INCLUDING 1/2 VERANDAH & PORCH)	
FIRST FLOOR	: 11.76 SQM.
TOTAL	: 80.76 SQM.

CARPET AREA	
GROUND FLOOR	: 53.10 SQM.
FIRST FLOOR	: 5.50 SQM.
TOTAL	: 58.60 SQM.

OPENING SCHEDULE

S. NO.	TYPE	NAME	SIZE	BRIEF SPECIFICATION OR AS PER ESTIMATE
1	D	DOOR	1.00X2.10M	SINGLE SHUTTER
2	D1	DOOR	0.90X2.10M	DO
3	D2	DOOR	0.80X2.10M	PVC DOOR & SHUTTER
4	W1	WINDOW	1.50X1.20M	GLAZED ALUMINIUM WINDOW WITH MS GRILL
5	W2	WINDOW	1.20X1.20M	DO
6	KW	WINDOW	1.20X1.00M	DO
7	V	VENTILATOR	0.50X0.50M	ALUMINIUM VENTILATOR
8	KV	VENTILATOR	0.30X0.30M	DO

NOTE

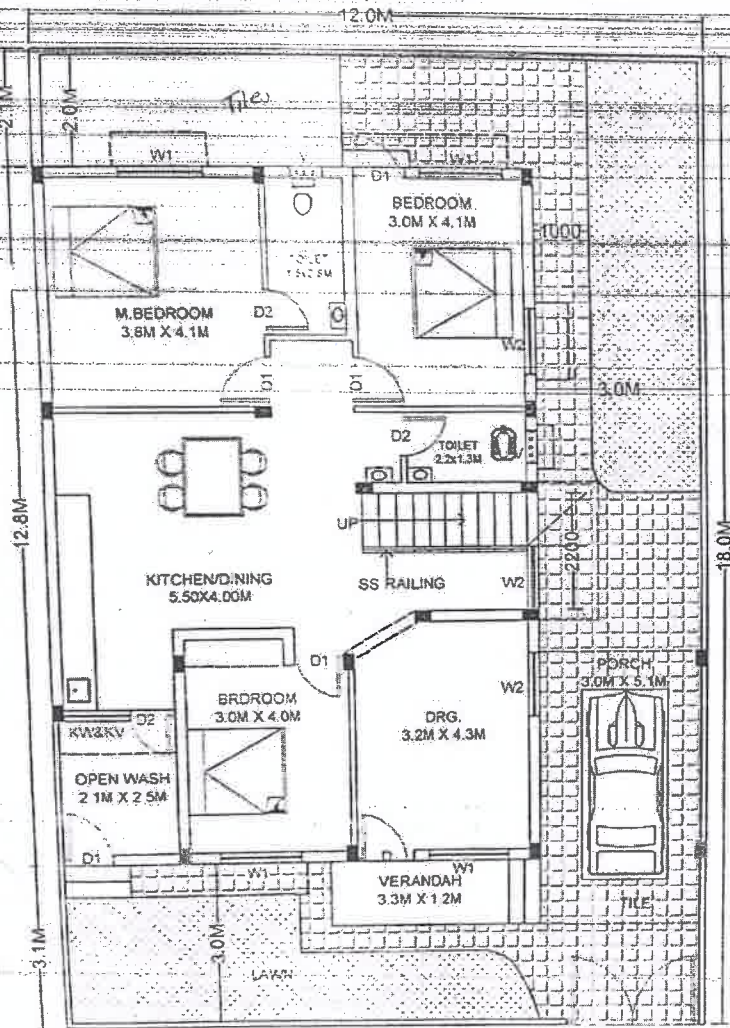
- ALL DIMENSION ARE IN MT.
- IF ANY DISCREPANCY FOUND IN THE DRAWING OR DIMENTION THEN ITS SHALL BE BROUGHT TO THE NOTICE OF ARCHTECT CGHB IMMEDIATELY.
- ONLY WRITTEN DIMENSION SHALL BE FOLLOW.

REF.

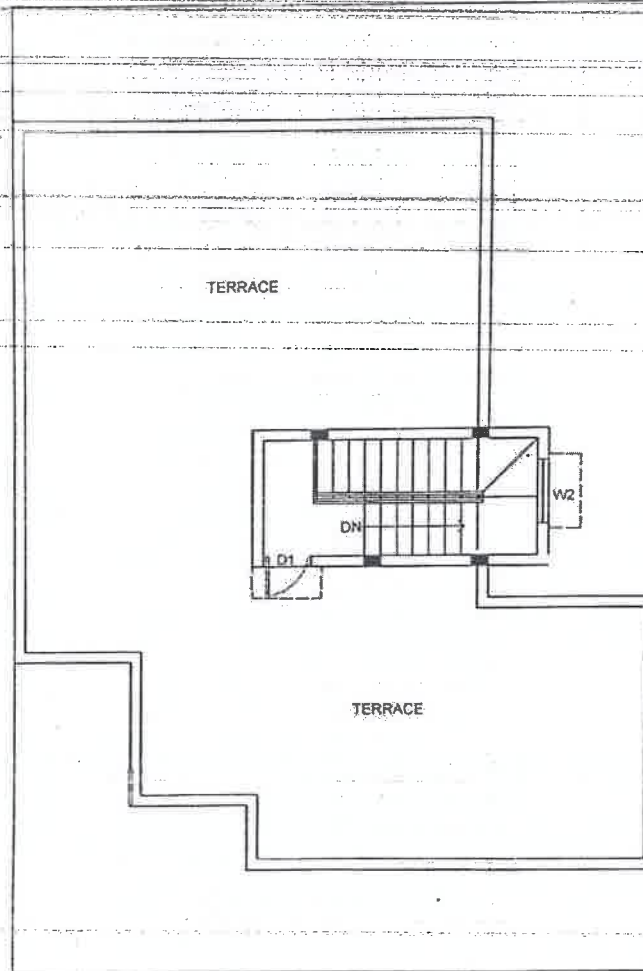
CHHATTISGARH HOUSING BOARD
HEAD OFFICE, SECTOR-19, PARYAWAS BHAWAN,
ATAL NAGAR NAVA RAIPUR CHHATTISGARH

SUBMISSION DRAWING

DRG NO. MIG/PD/1	DATE. 04/11/2025
	DRAWN BY
C.L. DOLE ARCHITECT CGHB HEAD OFFICE COA NO. CA/89/12366	KIRAN SAHU ARCHITECTURE ASSIST. HO



GROUND FLOOR PLAN



FIRST FLOOR PLAN

PROPOSED DRAWING OF HIGH HOUSE FOR GENERAL HOUSING SCHEME AT DEORIKHURD BILASPUR (C.G)

AREA STATEMENT

PLOT SIZE : 12X18.00M
PLOT AREA : 216.00 SQM.

BUILT UP AREA :

GROUND FLOOR : 117.46 SQM.
FIRST FLOOR : 5.61 SQM.
TOTAL : 123.07 SQM.

CARPET AREA :

GROUND FLOOR : 99.46 SQM.
FIRST FLOOR : 6.71 SQM.
TOTAL : 106.17 SQM.

OPENING SCHEDULE

S. NO.	TYPE	NAME	SIZE	BRIEF SPECIFICATION OR AS PER ESTIMATE
1.	D	DOOR	1.00X2.10M	SINGLE SHUTTER
2.	D1	DOOR	0.90X2.10M	DO
3.	D2	DOOR	0.80X2.10M	PVC DOOR & SHUTTER
4.	W1	WINDOW	1.50X1.20M	GLAZED ALUMINIUM WINDOW WITH MS GRILL
5.	W2	WINDOW	1.20X1.20M	DO
6.	KW	WINDOW	1.20X1.00M	DO
7.	V	VENTILATOR	0.50X0.60M	ALUMINIUM VENTILATOR
8.	KV	VENTILATOR	0.30X0.30M	DO

NOTE

- ALL DIMENSION ARE IN MT.
- IF ANY DISCREPANCY FOUND IN THE DRAWING OR DIMENTION THEN ITS SHALL BE BROUGHT TO THE NOTICE OF ARCHITECT CGHB IMMEDIATELY.
- ONLY WRITTEN DIMENSION SHALL BE FOLLOW.

REF.

CHHATTISGARH HOUSING BOARD
HEAD OFFICE, SECTOR-19, PARYAWAS BHAWAN,
ATAL NAGAR NAVA RAIPUR CHHATTISGARH

SUBMISSION DRAWING

DRG NO. HIG/PD/1	DATE. 04/11/2025
	DRAWN BY
C.L. DOLE ARCHITECT CGHB HEAD OFFICE	KIRAN SAHU ARCHITECTURE ASSIST. HO

PROPOSED CONSTRUCTION OF 04 NOS. HIG, 14 NOS. MIG & 25 NOS. LIG, 41 NOS. EWS BUILDING & EXTERNAL DEVELOPMENT WORK OF UNDER GENERAL SCHEME AT DEORIKHURD DISTT.-BILASPUR (C.G.)

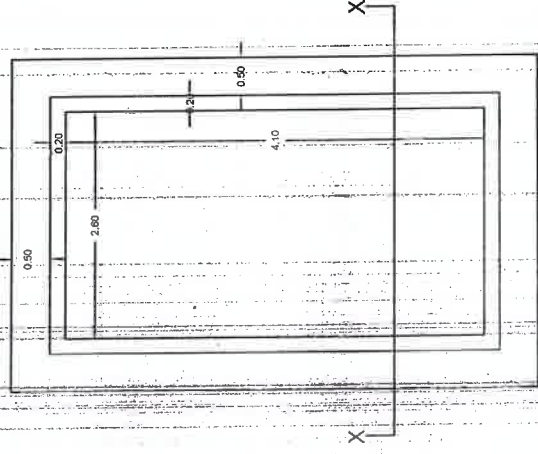


Fig :- Plan of Sump well

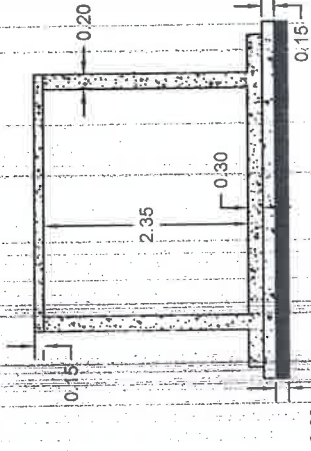
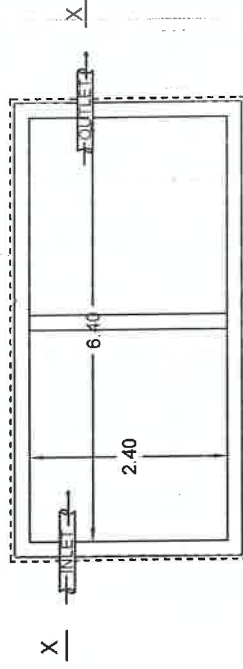
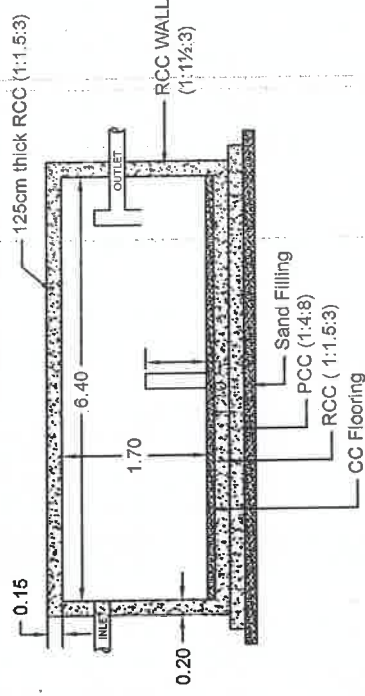


Fig :- Section at X-X



PLAN OF SEPTIC TANK

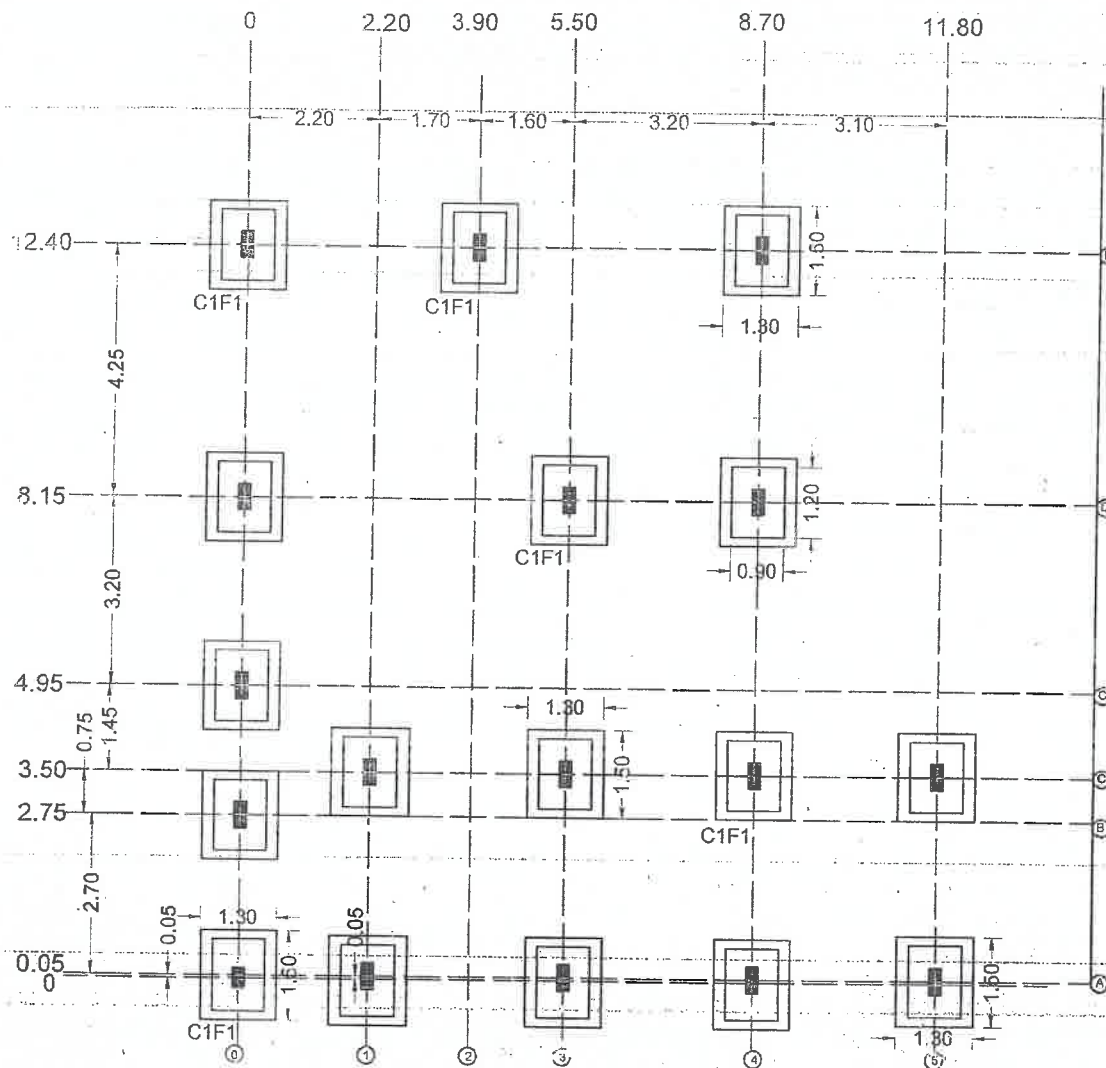


Section At X-X

Sub Engineer
C.G. Housing Board
Sub Division-III, Bilaspur

Assistant Engineer
C.G. Housing Board
Sub Division-III, Bilaspur

Executive Engineer
C.G. Housing Board
Sub Division-Bilaspur



LAYOUT DETAIL
CENTRE LINE PLAN

Sub-Engineer
Chhattisgarh Housing Board
Sub-Division-03, Bilaspur (C.G.)

Assistant Engineer
Chhattisgarh Housing Board
Sub-Division-03, Bilaspur (C.G.)

Executive Engineer
Chhattisgarh Housing Board
Division-03, Bilaspur (C.G.)

NOTES:-

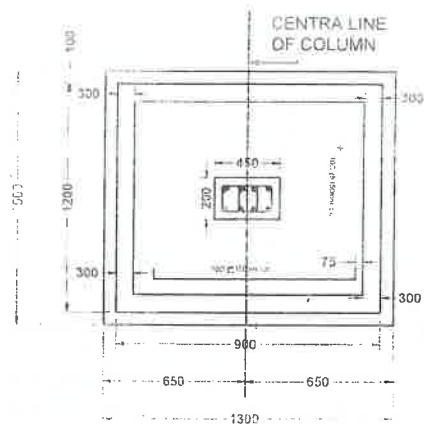
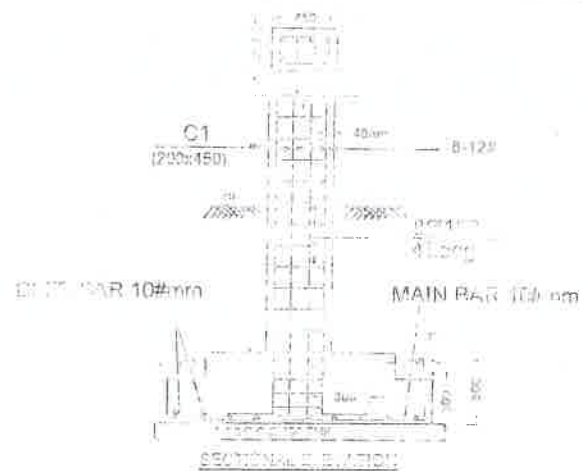
1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
2. DEPTH OF FOUNDATION - 1.80m OR Upto Hard Soil MINIMUM SBC = 112.0 kN/m²
3. ALL CONCRETE MIX - M-20 & STEEL Fe-500 CONFIRMING TO IS- 1786-1985, EXCEPT 6 MM DIA. OF BARS.
4. TENSION OVERLAP 60' X DIA. & COMPRESSION OVERLAP - 50' X DIA. OF BAR AND SHALL BE STAGGERED.
5. MINIMUM CLEAR COVER FOR
 - a. FOOTING = 25mm FROM ALL SIDES
 - b. FOOTING = 60mm FROM BOTTOM
 - c. COLUMN BELOW G.L. = 50mm
 - d. COLUMN ABOVE G.L. = 40mm
 - e. BEAM = 40mm
 - f. SLAB = 15mm
6. PVC COVER BLOCKS ARE RECOMMENDED.
7. RING SIZE IN COLUMN, SHOULD BE SAME BELOW AND ABOVE GROUND FLOOR.
8. NOT MORE THAN HALF THE COLUMN BARS SHALL BE LAPPED AT A SECTION.
9. USE OF MIDDLE VIBRATOR AND PLASTISIZER IS RECOMMENDED FOR R.C.C. WORK.
10. USE DENSIFIED COATED PLYWOOD FOR SHUTTERING AND FORMWORK.
11. BURNT OIL NOT PERMITTED FOR DE-SHUTTERING.
12. CURING-EXPOSED SURFACE OF CONCRETE SHALL BE CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
13. CENTERING IS THE RESPONSIBILITY OF CONTRACTOR.
14. FOR CURTAILMENT, SPlicing OF R/F BARS, DETAILING SPECIFICATIONS, COMPACTION OF CONCRETE, ETC., SHALL BE AS PER IS: 456 - 2000.
15. DO NOT SCALE THE DRAWING.
16. IN CASE OF ANY AMBIGUITY PLEASE BRING IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
17. ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN RCC BEAMS AND COLUMNS DURING OR AFTER CASTING.

PROJECT :- HIGH- HOUSE FOR GENERAL HOUSING SCHEME DEORIKHURD PH.III AT BILASPUR (C.G.)

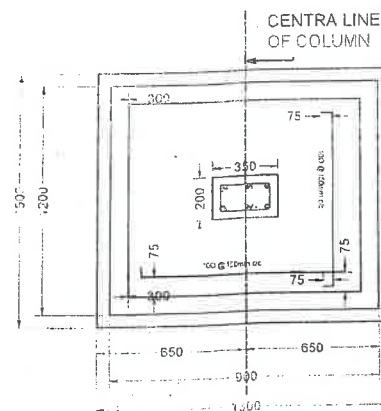
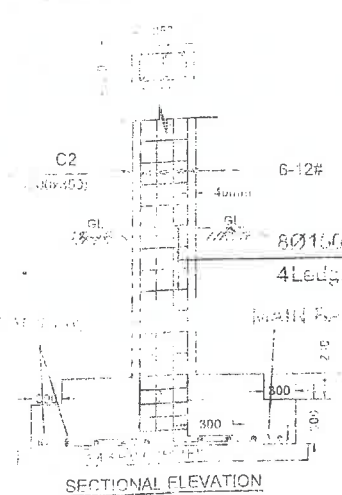
CLIENT :- CHHATTISGARH HOUSING BOARD DIVISION BILASPUR (C.G.)

DRAWING TITLE :- COLUMN & FOOTING CENTRE LINE

STRUCTURAL CONSULTANT



Sub Engineer
Orhatisgarh Housing Board
B.O.D. No. 100, Patna - 85



Assistant Engineer
Changanassery Housing Board
P.O. Changanassery, Kollam

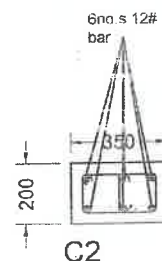
Executive Engineer ...
Chhatisgarh Housing Board
Durgam Chauraha, Raipur (C.G.)

- [illegible]

PROJECT :-- ROYALTY FOR ORE;
RODING SCHEME DEGRADATION;
PUMAT BLASPUR CO;

CLIENT :- CHATTISHGARH HOUSING
BOARD DIVISION^B BILASPUR
(C.G.)

DRAWING TITLE :- R.C.C. FOOTING SECTION DETAIL.



- DRAWING TITLE :-** R.C.C. FOOTING & COLUMN DETAIL

Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur (C.G.)



DETAILS OF REINFORCEMENT IN GROUND BEAM:

CR	200x300	2-10#	1-12#	1-12#	2-12#	1-1#	58@125mm c/c	Executive Engineer Chhattisgarh Housing Board Division - Bilaspur (C.G.)
2R	200x300	4-16#	-	-	4-25#	-	58@150mm c/c	

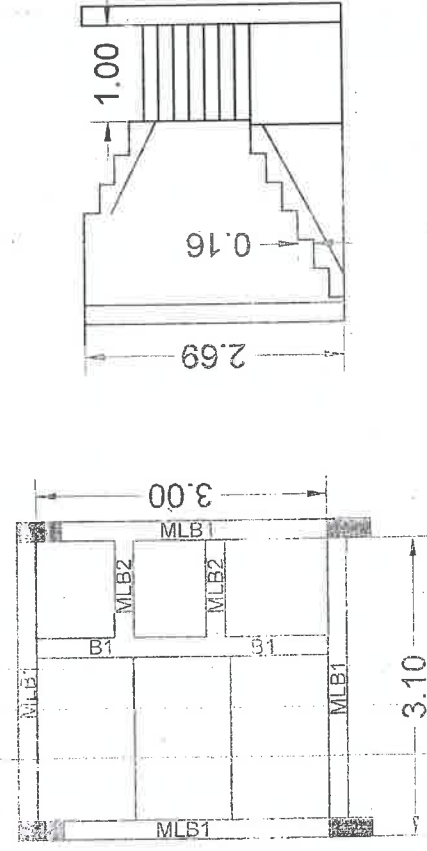


Study	Year	Country	Sample Size	Mean Age	Mean BMI	Mean Waist Circumference (cm)	Mean Systolic Blood Pressure (mmHg)	Mean Diastolic Blood Pressure (mmHg)	Mean Fasting Plasma Glucose (mg/dL)	Mean HbA1c (%)	Mean LDL Cholesterol (mg/dL)	Mean HDL Cholesterol (mg/dL)	Mean Triglyceride (mg/dL)	Mean Total Cholesterol (mg/dL)	Mean C-peptide (ng/mL)	Mean Insulin (mU/L)	Mean HOMA-IR	Mean Matsuda Index	Mean QUICKI	Mean ISI-HOMA	Mean ISI-Matsuda	Mean ISI-QUICKI	Mean ISI-HOMA-Matsuda	Mean ISI-HOMA-QUICKI	Mean ISI-HOMA-Matsuda-QUICKI
Study 1	2001	USA	100	45.2	28.5	102.1	135.2	85.1	105.1	7.5	185.1	55.1	125.1	225.1	205.1	1.5	15.1	2.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Study 2	2002	USA	100	45.2	28.5	102.1	135.2	85.1	105.1	7.5	185.1	55.1	125.1	225.1	205.1	1.5	15.1	2.5	1.5	1.5	1.5	1.5	1.5	1.5	
Study 3	2003	USA	100	45.2	28.5	102.1	135.2	85.1	105.1	7.5	185.1	55.1	125.1	225.1	205.1	1.5	15.1	2.5	1.5	1.5	1.5	1.5	1.5	1.5	
Study 4	2004	USA	100	45.2	28.5	102.1	135.2	85.1	105.1	7.5	185.1	55.1	125.1	225.1	205.1	1.5	15.1	2.5	1.5	1.5	1.5	1.5	1.5	1.5	
Study 5	2005	USA	100	45.2	28.5	102.1	135.2	85.1	105.1	7.5	185.1	55.1	125.1	225.1	205.1	1.5	15.1	2.5	1.5	1.5	1.5	1.5	1.5	1.5	
Study 6	2006	USA	100	45.2	28.5	102.1	135.2	85.1	105.1	7.5	185.1	55.1	125.1	225.1	205.1	1.5	15.1	2.5	1.5	1.5	1.5	1.5	1.5	1.5	
Study 7	2007	USA	100	45.2	28.5	102.1	135.2	85.1	105.1	7.5	185.1	55.1	125.1	225.1	205.1	1.5	15.1	2.5	1.5	1.5	1.5	1.5	1.5	1.5	
Study 8	2008	USA	100	45.2	28.5	102.1	135.2	85.1	105.1	7.5	185.1	55.1	125.1	225.1	205.1	1.5	15.1	2.5	1.5	1.5	1.5	1.5	1.5	1.5	
Study 9	2009	USA	100	45.2	28.5	102.1	135.2	85.1	105.1	7.5	185.1	55.1	125.1	225.1	205.1	1.5	15.1	2.5	1.5	1.5	1.5	1.5	1.5	1.5	
Study 10	2010	USA	100	45.2	28.5	102.1	135.2	85.1	105.1	7.5	185.1	55.1	125.1	225.1	205.1	1.5	15.1	2.5	1.5	1.5	1.5	1.5	1.5	1.5	


Executive Engineer
Chhattisgarh Housing Board
Division, - Bilaspur (C.G.)

- [illegible]

PROJECT :-	HIG- HOUSE FOR GENERAL HOUSING SCHEME DEORNUR PH III AT BILASPUR (C.G.)
CLIENT :-	CHHATTISGARH HOUSING BOARD DIVISION BILASPUR (C.G.)
DRAWING TITLE :-	STAIRS RAISED DETAILS DRAW



STAIRS DETAIL GROUND FLOOR PLAN

DETAILS OF STAIRCASE REINFORCEMENT

S.NO	THICKNESS	MAIN R/F	DIST. R/F	REMARK
(1)	125mm	12#@125mm/c	12#@150mm/c	STAIRCASE

DETAILS OF STAIRCASE REINFORCEMENT

S.NO	THICKNESS	MAIN R/F	DIST. R/F	REMARK
(1)	125mm	12#@125mm/c	10#@150mm/c	DOUBLE MESH

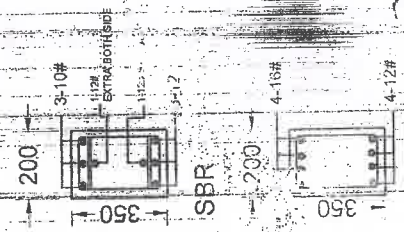
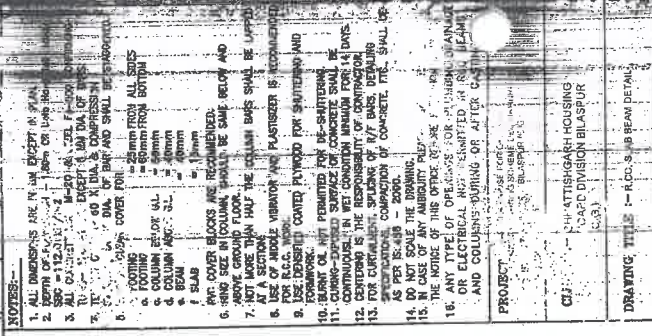
DETAILS OF REINFORCEMENT IN LANDING BEAM :-

S.NO	BEAM DETAILS	TOP REINF. THROUGH	TOP EXTRA LEFT (L/4)	TOP EXTRA RIGHT (L/4)	BOTTOM REINF. THROUGH	BOTTOM EXTRA (0.7xSPAN)	STIRRUPS AT SUPPORT	STAIR AT
(1)	MLB1 (200x350)	4-12#	-	-	3-12#	-	8#@125mm/c	8#@150mm/c
(2)	MLB2 (200x350)	2-12#	1-12#	1-12#	2-12#	1-12#	8#@125mm/c	8#@150mm/c
(3)	B1 (200x500)	2-12#	-	-	2-12#	1-12#	8#@125mm/c	8#@150mm/c

Sub Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

Assistant Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

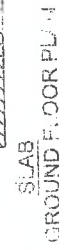
Executive Engineer
Chhattisgarh Housing Board
Division-01, Bilaspur (C.G.)



DETAIL OF REINFORCEMENT IN: AB BEAM:-

DETAIL OF REINFORCEMENT IN LAB BEAM											
S.NO	BEAM NO.	BEAM SIZE	TOP REINFORCEMENT		BOTTOM REINFORCEMENT		TORSION steel (side face steel)	SPACING OF RINGS,		strutups	
			THROUGH	1st	RIGHT	THROUGH		centre	1st		1st
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
(1)	S-1	200x350	2-1#	3-12#	3-12#	2-13#	3-12#	-	8#@125mm c/c	8#@150mm c/c	
(2)	S-2	200x350	2-12#	4-12#	4-12#	3-12#	2-12#	-	8#@125mm c/c	8#@150mm c/c	
(3)	S-3	200x350	1-13#	4-12#	4-12#	4-12#	3-12#	-	8#@125mm c/c	8#@150mm c/c	
(4)	F-1	200x350	4-16#	-	-	4-12#	-	-	8#@125mm c/c	8#@150mm c/c	

Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur (C.G.)



S.NO.	SLAB	TYPE OF SLAB	THICKNESS	along S ₁ / S ₂ side	along long side	EXTRA TOP UP TO L/4 FROM SUPPORT
(1)	01	TWO-WAY SLAB	125mm	10#@150mm c/c	10#@150mm c/c	10#@250mm c/c
(2)	02	TWO-WAY SLAB	125mm	10#@150mm c/c	10#@150mm c/c	10#@250mm c/c
(3)	03	ONE-WAY SLAB	125mm	10#@150mm c/c	10#@150mm c/c	MESH (Gandit 100 mesh)

PROJECT :- HIGH-RISE FOR GENERAL HOUSING S - EME DEOR (HUA?) PHILAT (MELAPUR (G.))

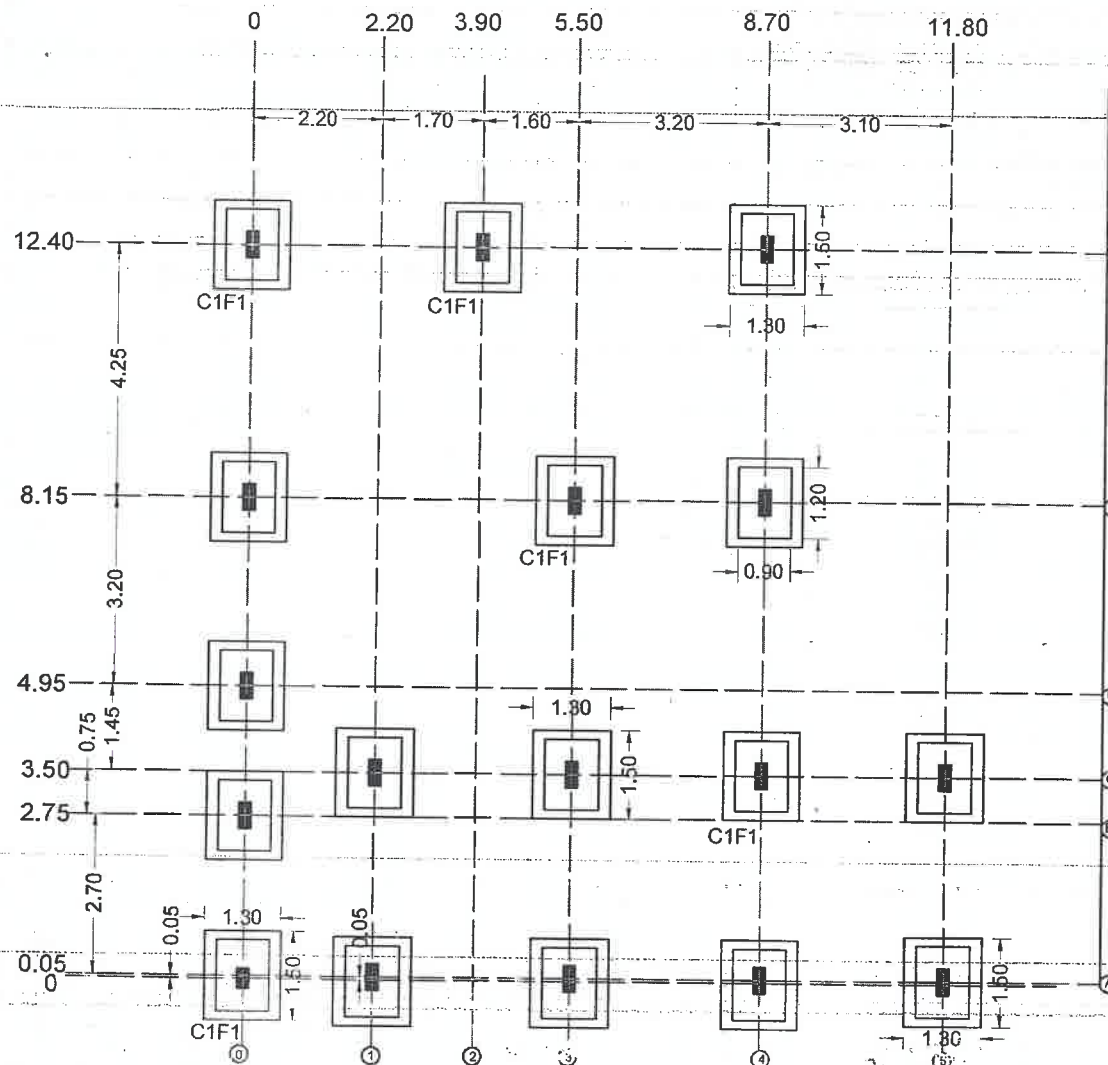
CLIENT :- CHHATTISHGARH CO-OP.
BOARD DIVISION
(C.G.)

DRAWING 72

Sub Engineer:
Chhattisgarh Housing Board
c/o Division-03, Bilaspur (C.G.)

Assistant Engineer
Chhatisgarh Housing Board
Sur Division-03, Bilaspur (C.G.)

Executive Engineer
Chhattisgarh H
Division - Bilaspur



LAYOUT DETAIL
CENTRE LINE PLAN

NOTES:-

1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
2. DEPTH OF FOUNDATION - 1.80m OR Upto Hard Soil MINIMUM SBC = 112.0 kN/m²
3. ALL CONCRETE MIX : M-20 & STEEL Fe-500 CONFIRMING TO IS- 1786-1985, EXCEPT 6 MM DIA. OF BARS.
4. TENSION OVERLAP 60 X DIA. & COMPRESSION OVERLAP - 50 X DIA. OF BAR AND SHALL BE STAGGERED.
5. MINIMUM CLEAR COVER FOR
 - a. FOOTING = 25mm FROM ALL SIDES
 - b. FOOTING = 60mm FROM BOTTOM
 - c. COLUMN BELOW G.L. = 50mm
 - d. COLUMN ABOVE G.L. = 40mm
 - e. BEAM = 40mm
 - f. SLAB = 15mm
- PVC COVER BLOCKS ARE RECOMMENDED.
6. RING SIZE IN COLUMN, SHOULD BE SAME BELOW AND ABOVE GROUND FLOOR.
7. NOT MORE THAN HALF THE COLUMN BARS SHALL BE LAPPED AT A SECTION.
8. USE OF MIDDLE VIBRATOR AND PLASTISIZER IS RECOMMENDED FOR R.C.C. WORK.
9. USE DENSIFIED COATED PLYWOOD FOR SHUTTERING AND FORMWORK.
10. BURNT OIL NOT PERMITTED FOR DE-SHUTTERING.
11. CURING-EXPOSED SURFACE OF CONCRETE SHALL BE CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
12. CENTERING IS THE RESPONSIBILITY OF CONTRACTOR.
13. FOR CURTAILMENT, SPLICING OF R/F BARS, DETAILING SPECIFICATIONS, COMPACTION OF CONCRETE, ETC., SHALL BE AS PER IS- 456 - 2000.
14. DO NOT SCALE THE DRAWING.
15. IN CASE OF ANY AMBIGUITY PLEASE BRING IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
16. ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN RCC BEAMS AND COLUMNS DURING OR AFTER CASTING.

PROJECT :- HIGH- HOUSE FOR GENERAL HOUSING SCHEME DEORIKHURD PH.III AT BILASPUR (C.G.)

CLIENT :- CHHATTISGARH HOUSING BOARD DIVISION BILASPUR (C.G.)

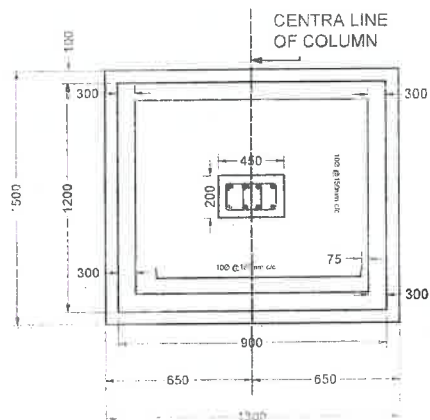
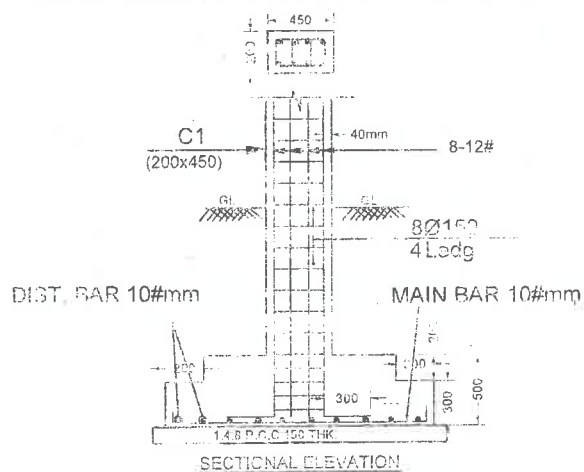
DRAWING TITLE :- COLUMN & FOOTING CENTRE LINE

STRUCTURAL CONSULTANT

Sub-Engineer
Chhattisgarh Housing Board
Sub-Division-03, Bilaspur (C.G.)

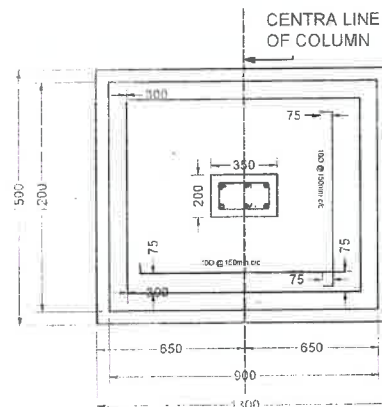
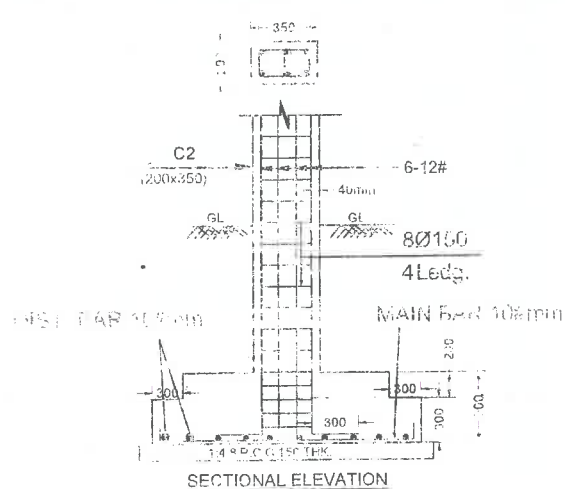
Assistant Engineer
Chhattisgarh Housing Board
Sub-Division-03, Bilaspur (C.G.)

Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur (C.G.)



PLAN OF COL. FOOT. C151.

Sub Engineer
Chhattisgarh Housing Board
Sub Division-02 Bilaspur (C.G.)



PLAN OF COL. FOOT. C2F2

Assistant Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.).

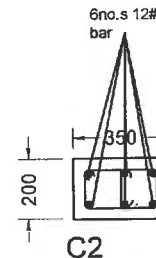
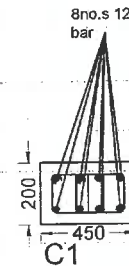
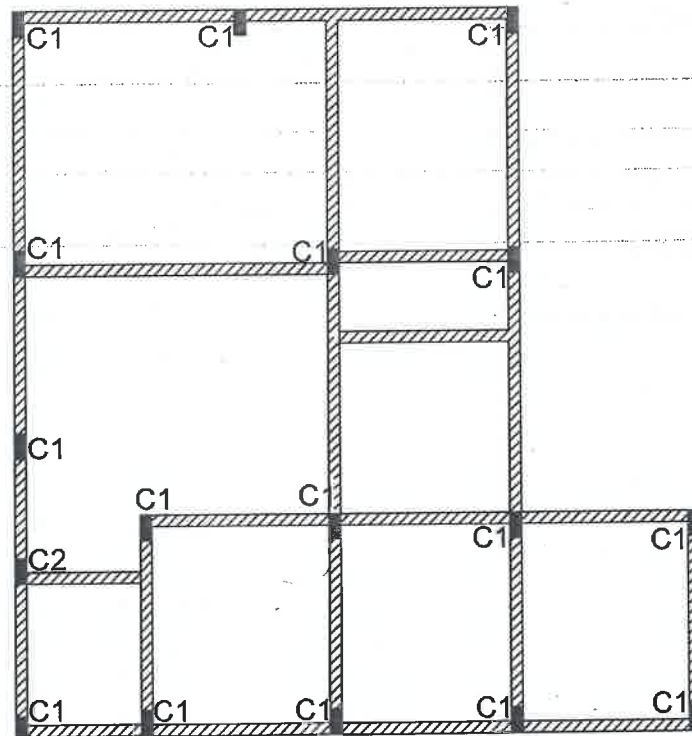
1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
2. DEPTH OF FOUNDATION - 1.80m OR Upto Hard Soil MINIMUM 300mm
3. A/C - 1:2:4 AND 1:1.5:3
4. A/C - 1:2:4 EXCEPT IN STEEL FE-500 CONCRETE
5. IS - 1706-1945, EXCEPT IN A/C OF BAS.
6. TENSION ORIENTED B/D X D/C AT COMPRESSION
7. $\frac{W}{L} \geq \frac{D}{L}$ D/C OF B/W AND SHALL BE STAGGERED.
8. MINIMUM CLEAR COVER FOR:
 - a. SLABING = 25mm FROM ALL SIDES
 - b. FOOTING = 80mm FROM BOTTOM
 - c. COLUMN BELOW G.L. = 50mm
 - d. COLUMN ABOVE G.L. = 40mm
 - e. BEAM = 40mm
 - f. SLAB = 15mm
9. PVC COVER SLUGS ARE RECOMMENDED.
10. P.C. JOINT IN COLUMN, SHOULD BE SAME BELOW AND ABOVE GROUND FLOOR.
11. JOINT OR HALF THE COLUMN BARS SHALL BE LAPPED AT A SECTION.
12. USE OF JIGGLER VIBRATOR AND PLASTISIZER IS RECOMMENDED FOR CASTING WORK.
13. USE OF DESIGNED COATED PLYWOOD FOR SLUTTERING AND FORMWORK.
14. SHUTT OUT NOT PERMITTED FOR DE-SLUTTERING.
15. FOR A-C-DEPOSITED SURFACE OF CONCRETE SHALL BE WITHIN 48 HRS. AFTER CASTING MINIMUM FOR 14 DAYS.
16. IT IS THE RESPONSIBILITY OF CONTRACTOR -
17. REINFORCEMENT, SPlicing OF B/W BARS, DETAILING SPECIFICATIONS, EQUIPICATION OF CONCRETE, ETC., SHALL BE AS PER IS-456 - 2000.
18. DO NOT SCALE THE DRAWING.
19. IN CASE OF ANY AMBIGUITY PLEASE BRING IT TO THE ATTENTION OF THE OFFICE BEFORE COMMENCEMENT OF WORK.
20. TYPE OF OPENINGS FOR PUMBBING, DRAINAGE AND CULVINAL NOT PERMITTED IN RCC BEAMS AND COLUMNS DURING OR AFTER CASTING.

PROJECT :- HIGH HOUSE FOR GENERAL
HOUSING SCHEME DEGRADURE
P4/III AT BILASPUK C.O.

CLIENT :- CHHATTISHGARH HOUSING
BOARD DIVISION BILASPUR
(C.G.)

DRAWING TITLE :- R.C.C. FOOTING SECTION DETAIL


Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur (C.G.)



NOTES:-	
1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.	
2. DEPTH OF FOUNDATION - 1.2m OR UP TO THE MINIMUM	
3. ALL CONCRETE MIX. M-20 & STEEL Fe-500 CONFORMING TO IS-1150 & IS-1786, RESPECTIVELY.	
4. TENSION OVERLAP 60 X DIA. & COMPRESSION OVERLAP - 50 X DIA. OF BAR AND SHALL BE STAGGERED.	
5. MINIMUM CLEAR COVER FOR	
a. FOOTING	= 25mm FROM ALL SIDES
b. FOOTING	= 50mm FROM BOTTOM
c. COLUMN BELOW G.L.	= 50mm
d. COLUMN ABOVE G.L.	= 40mm
e. BEAM	= 40mm
f. SLAB	= 15mm
6. PVC COVER BLOCKS ARE RECOMMENDED.	
7. MIN. SIZE IN COLUMN SHOULD BE SAME BELOW AND ABOVE GROUND FLOOR.	
8. NOT MORE THAN HALF THE COLUMN BARS SHALL BE LAPPED AT A SECTION.	
9. USE OF MIDDLE VERMOREL AND PLASTER IS RECOMMENDED FOR R.C.C. WORK.	
10. USE DESIGNED COATED PLYWOOD FOR SHUTTERING AND FORMWORK.	
11. SURF OR NOT PERMITTED FOR DE-SHUTTERING.	
12. CURVED EXPOSED SURFACE OF CONCRETE SHALL BE CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS. CLOSING IS THE RESPONSIBILITY OF CONTRACTOR.	
13. FOR CURTAINMENT, SPLICING OF R/F BARS, DETAILING SPECIFICATIONS, COMPARISON OF CONCRETE, ETC., SHALL BE AS PER IS-456 - 2000.	
14. DO NOT SCALE THE DRAWING.	
15. IN CASE OF ANY AMBIGUITY PLEGE IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.	
16. ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN RCC BEAMS AND COLUMNS DURING OR AFTER CASTING.	
PROJECT	HO. HOUSE FOR GENERAL HOUSING SCHEME (C.G.)
CLIENT	CHHATTISGARH HOUSING BOARD DIVISION BILASPUR (C.G.)
DRAWING TITLE	R.C.C. FOOTING & COLUMN DETAIL

COLUMN DETAIL GROUND FLOOR PLAN

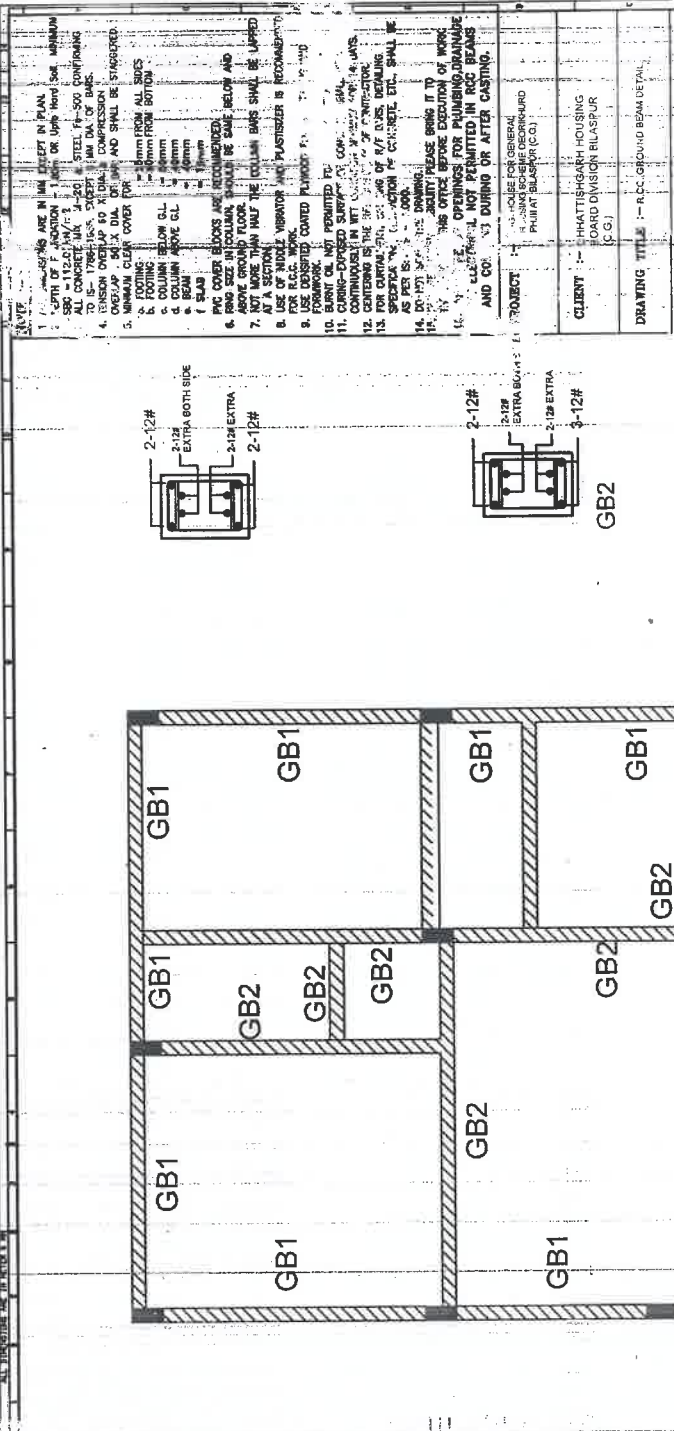
DETAILS OF REINFORCEMENT IN COLUMN & FOOTING :-

S.NO.	COLUMN NO.	COLUMN SIZE	MAIN BARS DETAIL	STIRRUPS DETAILS	FOOTING EXCAVATION SIZE	FOOTING SIZE	DEPTH OF FOOTING	R/F PARALLEL TO SHORT SIDE	R/F PARALLEL TO LONG SIDE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(1)	C1	200x450	8-12#	8#@150mm c/c	F1	1500x900	500	12#@120mm c/c	12#@120mm c/c
(2)	C2	10x350	6-12#	6#@150mm c/c	F1	1000x350	500	10#@120mm c/c	10#@120mm c/c

Sub Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

Assistant Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur (C.G.)



GROUND BEAM
GROUND FLOOR PLAN

DETAILS OF REINFORCEMENT IN GROUND BEAM :-

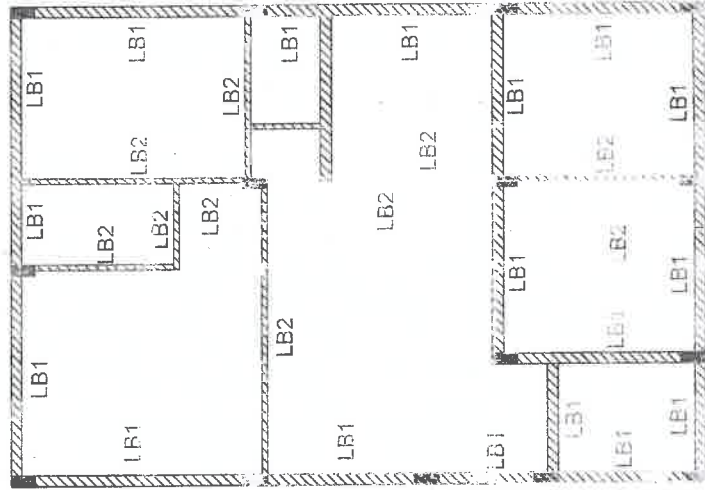
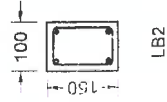
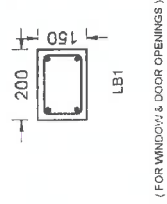
S.NO	BEAM NO.	BEAM SIZE	TOP REINFORCEMENT			BOTTOM REINFORCEMENT		TORSION steel (side face steel)	STIRRUPS	
			THROUGH	Left (o.a.)	RIGHT (o.a.)	THROUGH	centre (o.a.)		SPACING OF RINGS	
			(1)	(2)	(3)	(4)	(5)		[1/2 from above, 1/2 support]	
(1)	GB1	200x400	2-16#	2-12#	2-12#	2-16#	2-12#	-	8#@125mm c/c	8#@125mm c/c
(2)	GB2	200x400	2-12#	2-12#	2-12#	3-12#	2-12#	-	8#@125mm c/c	8#@125mm c/c
(3)	GBR	200x300	2-10#	1-12#	1-12#	2-12#	1-12#	-	8#@125mm c/c	8#@150mm c/c
(4)	BR	200x300	4-16#	-	-	4-12#	-	-	8#@150mm c/c	8#@150mm c/c

Sub Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

Assistant Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur

- NOTES:-
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 2. DEPTH OF FOUNDATION - 1000mm OR 1/6th OF COLUMN DIA. WHICHEVER IS MORE.
 3. ALL CONCRETE IS M-20 & STEEL IS-200 CONTINUOUS.
 4. TO BE 1700-1800mm, EXCEPT 1/6th OF DIA. OF BASE.
 5. COLUMN DIA. SHALL BE STAGGERED.
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GROUND FLOOR PLAN

Details of reinforcement in lintel beam

BEAM NO.	BEAM TYPE	TOP REINFORCEMENT	BOTTOM REINFORCEMENT	SPACING OF REINFORCEMENT	REMARKS
LB1	100x150	2-12	2-12	150	100x150
LB2	100x150	2-12	2-12	150	100x150

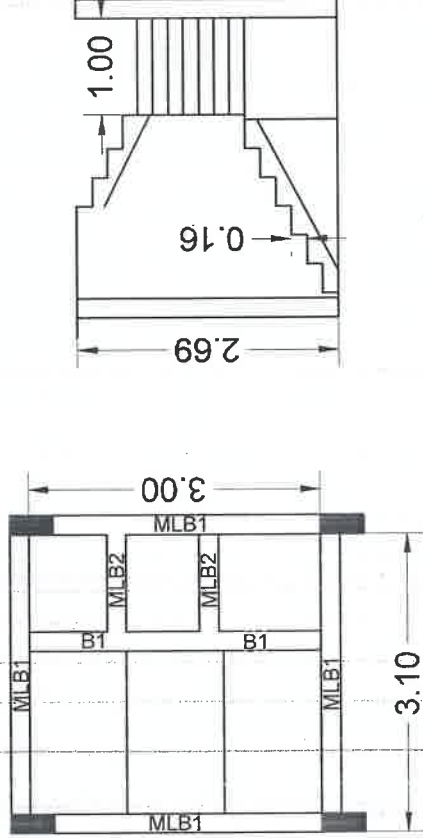
Sub Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur (C.G.)

PROJECT :- HIGH- HOUSE FOR GENERAL
HOUSING SCHEME DEORUKHURD
PHILLIAT BILASPUR (C.G.)

CLIENT :- CHHATTISGARH HOUSING
BOARD DIVISION BILASPUR (C.G.)

DRAWING TITLE :- STAIRS RAINDRONE
DETAILS DRAW



STAIRS DETAIL GROUND FLOOR PLAN

DETAILS OF STAIRCASE REINFORCEMENT

S.NO	THICKNESS	MAIN R/F	DIST. R/F	REMARK
(1)	125mm	12#@125mm/c	10#@150mm/c	STAIRCASE

DETAILS OF STAIRCASE REINFORCEMENT

S.NO	THICKNESS	MAIN R/F	DIST. R/F	REMARK
(1)	125mm	12#@125mm/c	10#@150mm/c	DOUBLE MESH

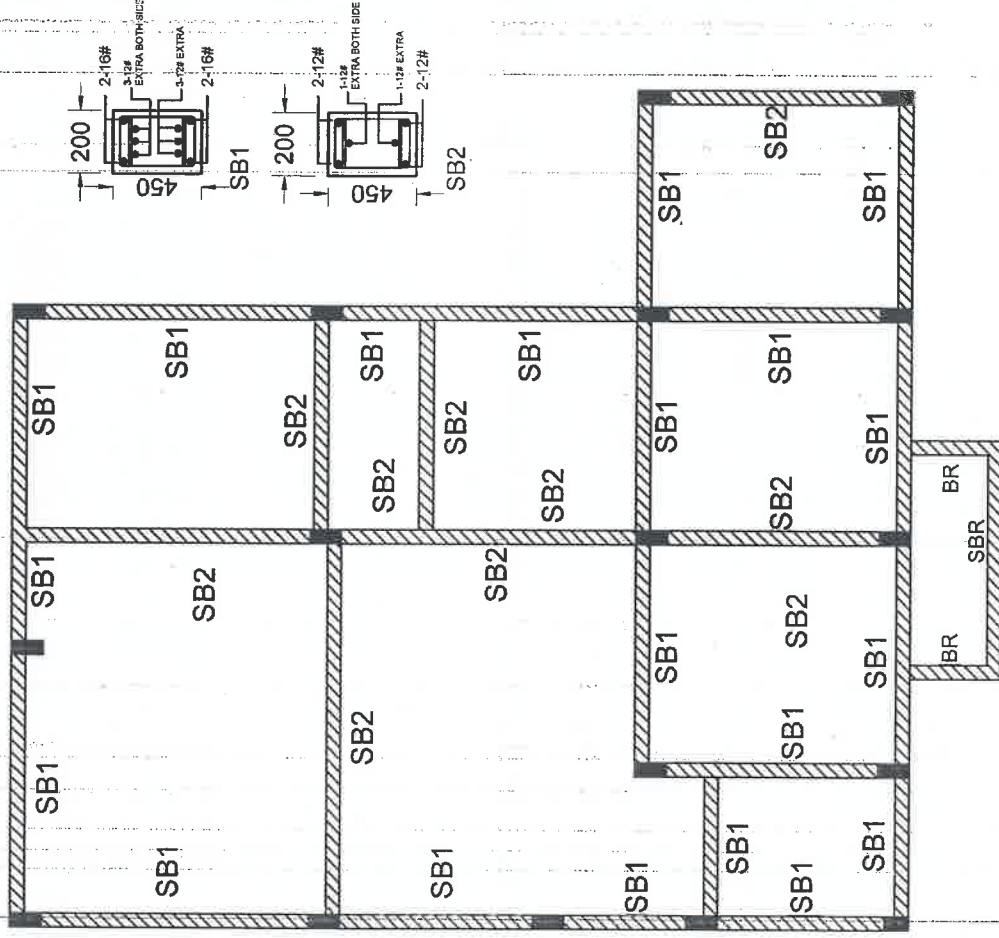
DETAILS OF REINFORCEMENT IN LANDING BEAM :-

S.NO	BEAM DETAILS	TOP REINF. THROUGH	TOP EXTRA LEFT(L/4)	TOP EXTRA RIGHT(L/4)	BOTTOM REINF. THROUGH	BOTTOM EXTRA (0.7XSPAN)	STIRRUPS AT SUPPORT
(1)	MLB1(200x350)	4-12#	-	-	3-12#	-	8#@125mm/c 8#@150mm/c
(2)	MLB2(200x350)	2-12#	1-12#	1-12#	2-12#	1-12#	8#@125mm/c 8#@150mm/c
(3)	B1(200x300)	2-12#	-	-	2-12#	1-12#	8#@125mm/c 8#@150mm/c

Sub Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

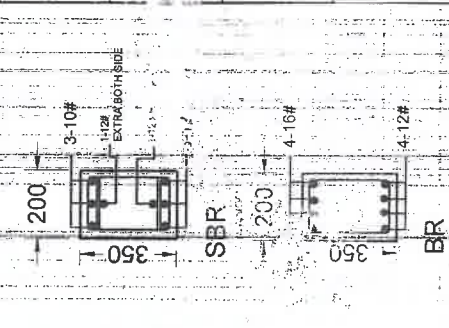
Assistant Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

Executive Engineer
Chhattisgarh Housing Board
Division-03, Bilaspur (C.G.)



- NOTES:-**
1. ALL DIMENSIONS ARE IN MM EXCEPT R/F PLAN.
 2. DEPTH OF FLOOR SLAB SHALL BE 100mm OR 1/16th OF SPAN.
 3. ALL DIMENSIONS SHALL BE IN MM EXCEPT R/F PLAN.
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 99. ALL DIMENSIONS SHALL BE IN MM EXCEPT R/F PLAN.
 100. ALL DIMENSIONS SHALL BE IN MM EXCEPT R/F PLAN.

PROJECT :- CHHATTISGARH HOUSING BOARD
CLF :- CHHATTISGARH HOUSING BOARD
DRAWING TITLE :- R.C.C. SLAB BEAM DETAIL



DETAILS OF REINFORCEMENT IN SLAB BEAM :-

S.NO	BEAM NO.	BEAM SIZE	TOP REINFORCEMENT		BOTTOM REINFORCEMENT		TORSION steel (side face steel)	STIRRUPS	
			THROUGH	Left (c/c)	RIGHT (c/c)	THROUGH	centre (c/c)	THROUGH	centre (c/c)
(1)	SB1	200x350	2-16#	3-12#	3-12#	2-16#	3-12#	8#@150mm c/c	8#@150mm c/c
(2)	SB2	200x350	2-12#	1-12#	1-12#	3-12#	2-12#	8#@150mm c/c	8#@150mm c/c
(3)	SBR	200x350	3-10#	1-12#	1-12#	1-12#	3-12#	8#@150mm c/c	8#@150mm c/c
(4)	BR	200x350	4-16#	-	-	4-12#	-	8#@150mm c/c	8#@150mm c/c

Sub Engineer
 Chhattisgarh Housing Board
 Sub Division-03, Bilaspur (C.G.)

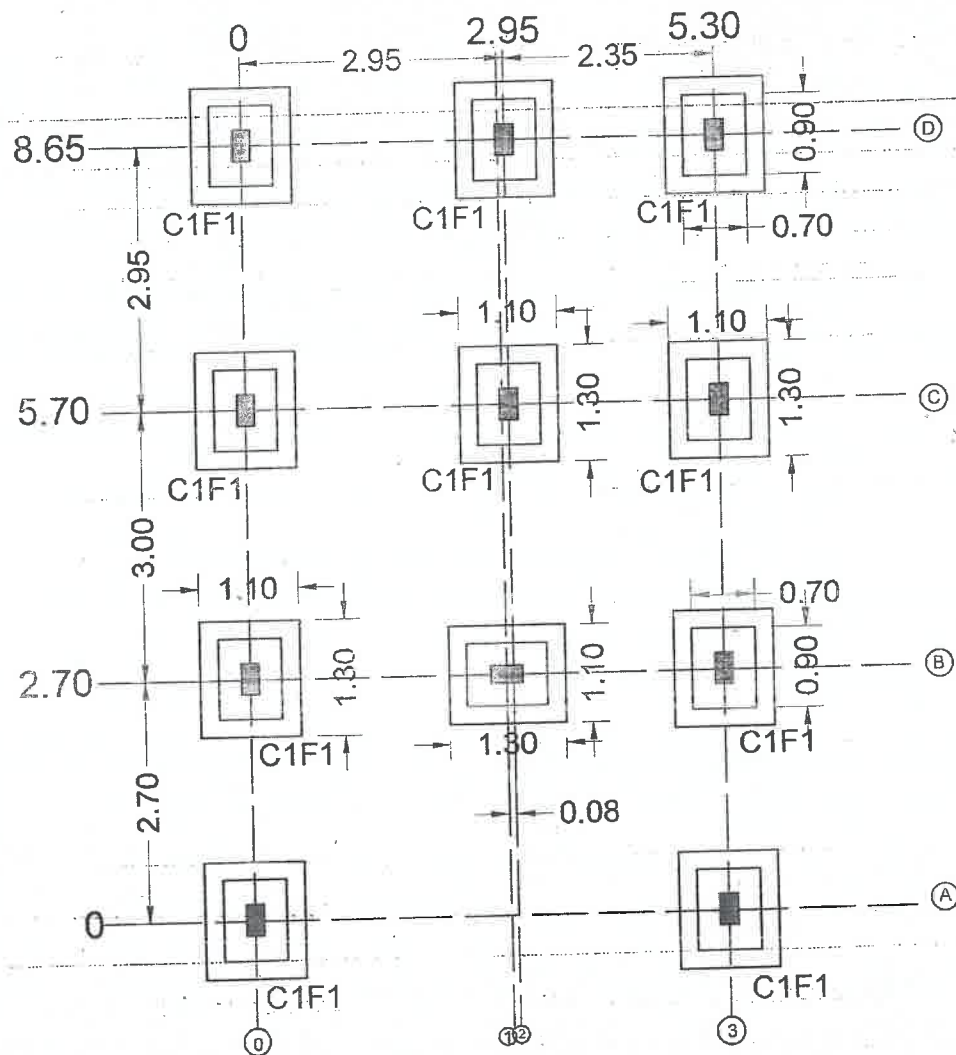
Assistant Engineer
 Chhattisgarh Housing Board
 Sub Division-03, Bilaspur (C.G.)

Executive Engineer
 Chhattisgarh Housing Board
 Division - Bilaspur (C.G.)



S.NO.	SLAB	TYPES OF SLAB	THICKNESS	along short side	along long side	EXTRA TOP UP TO U4 FROM SUPPORT
(1)	S1	TWO-WAY SLAB	125mm	10#@125mm c/c	10#@150mm c/c	10#@250mm c/c
(2)	S2	TWO-WAY SLAB	125mm	10#@150mm c/c	10#@150mm c/c	10#@250mm c/c
(3)	S3	ONE-WAY SLAB	125mm	10#@150mm c/c	10#@150mm c/c	MESH (cantilever @ 100mm)

Executive Engineer
Chhattisgarh H
Division - B



LAYOUT DETAIL
CENTRE LINE PLAN

NOTES:-

1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
2. DEPTH OF FOUNDATION - 1.80m. OR Upto. Hard Soil MINIMUM. SBC = 112.0 kN/m²
3. ALL CONCRETE MIX M-20 & STEEL Fe-500 CONFIRMING TO IS- 1786-1985, EXCEPT 6 MM DIA. OF BARS.
4. TENSION OVERLAP 60 X DIA. & COMPRESSION OVERLAP . 50 X DIA. OF BAR AND SHALL BE STAGGERED.
5. MINIMUM CLEAR COVER FOR
 - d. FOOTING = 25mm FROM ALL SIDES
 - b. FOOTING = 60mm FROM BOTTOM
 - c. COLUMN BELOW G.L. = 50mm
 - d. COLUMN ABOVE G.L. = 40mm
 - e. BEAM = 40mm
 - f. SLAB = 15mm
6. FVC COVER BLOCKS ARE RECOMMENDED.
7. RING SIZE IN COLUMN, SHOULD BE SAME BELOW AND ABOVE GROUND FLOOR.
8. NOT MORE THAN HALF THE COLUMN BARS SHALL BE LAPPED AT A SECTION.
9. USE OF MIDDLE VIBRATOR AND PLASTISIZER IS RECOMMENDED FOR R.C.C. WORK.
10. USE DENSIFIED COATED PLYWOOD FOR SHUTTERING AND FORMWORK.
11. BURNED OIL NOT PERMITTED FOR DE-SHUTTERING.
12. CURING-EXPOSED SURFACE OF CONCRETE SHALL BE CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
13. CENTERING IS THE RESPONSIBILITY OF CONTRACTOR.
14. FOR CURTAILMENT, SPlicing OF R/F BARS, DETAILING SPECIFICATIONS, COMPACTION OF CONCRETE, ETC., SHALL BE AS PER IS: 456 - 2000.
15. DO NOT SCALE THE DRAWING.
16. IN CASE OF ANY AMBIGUITY PLEASE BRING IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
17. ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN RCC BEAMS AND COLUMNS DURING OR AFTER CASTING.

PROJECT :- EWS- HOUSE FOR GENERAL HOUSING SCHEME DEORIKHURD PH.III AT BILASPUR (C.G.)

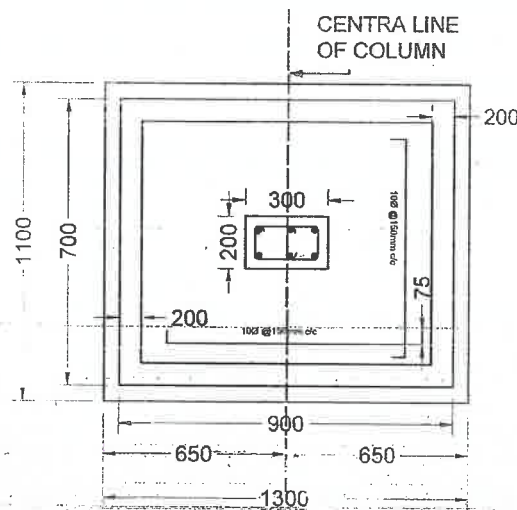
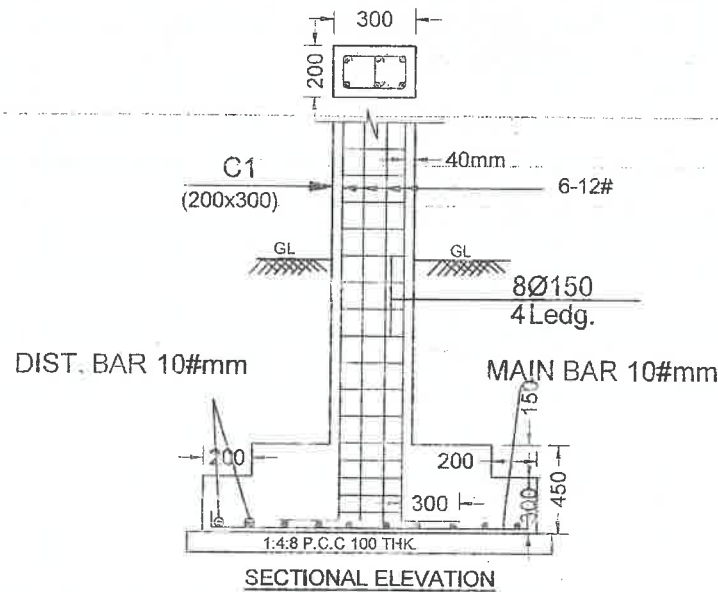
CLIENT :- CHHATTISGARH HOUSING BOARD DIVISION BILASPUR (C.G.)

DRAWING TITLE :- COLUMN & FOOTING CENTRE LINE

Sub-Engineer
Chhattisgarh Housing Board
Division-03 Bilaspur (C.G.)

Assistant Engineer
Chhattisgarh Housing Board
Sub-Division-03 Bilaspur (C.G.)

Executive Engineer
Chhattisgarh Housing Board
Division- Bilaspur (C.G.)



NOTES:-

1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
2. DEPTH OF FOUNDATION - 1.80m OR Upto Hard Soil MINIMUM SBC = 112.0 kN/m²
3. ALL CONCRETE MIX M-20 & STEEL Fe-500 CONFIRMING TO IS- 1786-1985, EXCEPT 6 MM DIA. OF BARS.
4. TENSION OVERLAP 60 X DIA. & COMPRESSION OVERLAP 50 X DIA. OF BAR AND SHALL BE STAGGERED.
5. MINIMUM CLEAR COVER FOR

a. FOOTING	= 25mm FROM ALL SIDES
b. FOOTING	= 60mm FROM BOTTOM
c. COLUMN BELOW G.L.	= 50mm
d. COLUMN ABOVE G.L.	= 40mm
e. BEAM	= 40mm
f. SLAB	= 15mm
6. PVC COVER BLOCKS ARE RECOMMENDED.
7. RING SIZE IN COLUMN, SHOULD BE SAME BELOW AND ABOVE GROUND FLOOR.
8. NOT MORE THAN HALF THE COLUMN BARS SHALL BE LAPPED AT A SECTION.
9. USE OF MIDDLE VIBRATOR AND PLASTISIZER IS RECOMMENDED FOR R.C.C. WORK.
10. USE DENSIFIED COATED PLYWOOD FOR SHUTTERING AND FORMWORK.
11. BURNIT OIL NOT PERMITTED FOR DE-SHUTTERING.
12. CURING-EXPOSED SURFACE OF CONCRETE SHALL BE CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
13. CENTERING IS THE RESPONSIBILITY OF CONTRACTOR.
14. FOR CURTAILMENT, SPLICING OF R/F BARS, DETAILING SPECIFICATIONS, COMPACTION OF CONCRETE, ETC., SHALL BE AS PER IS: 456 - 2000.
15. DO NOT SCALE THE DRAWING.
16. IN CASE OF ANY AMBIGUITY PLEASE BRING IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
17. ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN RCC BEAMS AND COLUMNS DURING OR AFTER CASTING.

PROJECT :- EWS- HOUSE FOR GENERAL HOUSING SCHEME DEORIKHURD PHULAT BILASPUR (C.G.)

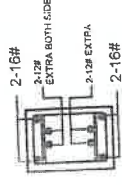
CLIENT :- CHHATTISGARH HOUSING BOARD DIVISION BILASPUR (C.G.)

Sub Engineer
Chhattisgarh Housing Board
Division-03, Bilaspur (C.G.)

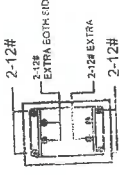
Assistant Engineer
Chhattisgarh Housing Board
Division-03, Bilaspur (C.G.)

Executive Engineer
Chhattisgarh Housing Board
Division-03, Bilaspur (C.G.)

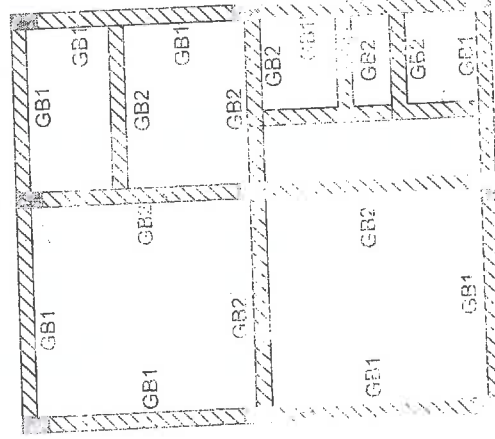
1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
2. DEPTH OF FOUNDATION - 1.20m OR 1.5m HARD S&C 150.00m
3. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
4. TO BE - 175-180, EXCEPT 6.0m DIA OF PILES.
5. TENSION CORRUPT 60 X 100 X 1000mm
6. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
7. CLEAR COVER FOR ALL SIZES
8. FOOTING
9. COLUMN
10. BEAM
11. SLAB
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GB1



GB2



GROUND BEAM
GROUND FLOOR PLAN

DETAILS OF REINFO. DESIGN

S.NO.	BEAM / COLUMN	TOP REINFORCEMENT		BOTTOM REINFORCEMENT		TORSION	SPACING OF REINFORCEMENT	
		Top	Bottom	Top	Bottom		Top	Bottom
(1)	GB1	2-12#	2-12#	2-12#	2-12#	(6)	80@125mm c/c	80@125mm c/c
(2)	GB2	2-12#	2-12#	2-12#	2-12#	(6)	80@125mm c/c	80@125mm c/c

Sub Engineer

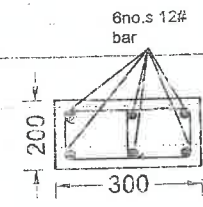
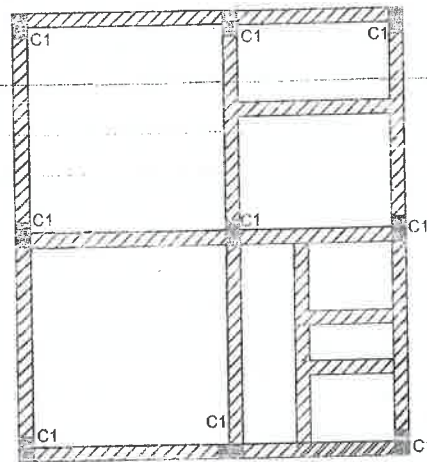
Sub Engineer

Sub Engineer

Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)



C1

NOTES:-

1. ALL DIMENSIONS ARE IN MM EXCEPT IN FLAT.
2. DESIGN OF FOUNDATION - 125mm dia 500mm deep.
3. ALL CONCRETE MIX 1:2:20 & STEEL Fe-300 CONFORMING TO IS-1786-1985, EXCEPT 6 MM DIA. OF BARS.
4. TENSION OVERLAP 60 X DIA. & COMPRESSION OVERLAP - 80 X DIA. OF BAR AND SHALL BE SAGGED.
5. MINIMUM CLEAR COVER FOR:
 - a. FOOTING = 25mm FROM ALL SIDES
 - b. FOOTING = 50mm FROM BOTTOM
 - c. COLUMN BELOW G.L. = 50mm
 - d. COLUMN ABOVE G.L. = 40mm
 - e. BEAM = 40mm
 - f. SLAB = 15mm
6. PVC COVER BLOCKS ARE RECOMMENDED.
7. RING SIZE IN COLUMN SHOULD BE SAME BELOW AND ABOVE GROUND FLOOR.
8. NOT MORE THAN HALF THE COLUMN BARS SHALL BE LAPPED AT A SECTION.
9. USE OF WIRE MESH AND PLASTER IS RECOMMENDED FOR R.C.C. WORK.
10. USE BENSERED COATED PLYWOOD FOR SHUTTERING AND FORMWORK.
11. SURFACE OF CONCRETE SHALL BE CONTINUOUSLY IN WET CONDITION IMMEDIATELY FOR 14 DAYS.
12. CURING IS THE RESPONSIBILITY OF CONTRACTOR.
13. FOR CURTALMENT, SPACING OF R/F BARS, DETAILING SPECIFICATIONS, COMPACTION OF CONCRETE, ETC., SHALL BE AS PER IS 456 - 2000.
14. DO NOT SCALE THE DRAWING.
15. IN CASE OF ANY AMBIGUITY PLEASE BRING IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
16. ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN R.C.C. BEAMS AND COLUMNS DURING OR AFTER CASTING.

PROJECT :- ENG. HOUSE FOR GENERAL HOUSING SCHEME DISORDHURD PUGAT BHILASPUR (C.G.)

CLIENT :- CHHATTISGARH HOUSING BOARD DIVISION BHILASPUR (C.G.)

DRAWING TITLE :- R.C.C. FOOTING & COLUMN DETAIL

COLUMN DETAIL GROUND FLOOR PLAN

DETAILS OF REINFORCEMENT IN COLUMN & FOOTING :-

S.NO	COLUMN NO.	COLUMN SIZE	MAIN BARS DETAIL	STIRRUPS DETAILS	FOOTING TYPE	FOOTING EXCAVATION SIZE	FOOTING SIZE	DEPTH OF FOOTING	R/F PARALLEL TO SHORT SIDE	R/F PARALLEL TO LONG SIDE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
(1)	C1	200x300	6-12#	8#@150mm c/c	F1	1300x1500	1100x1300	450	10#@120mm c/c	10#@120mm c/c

Sub Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

Assistant Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

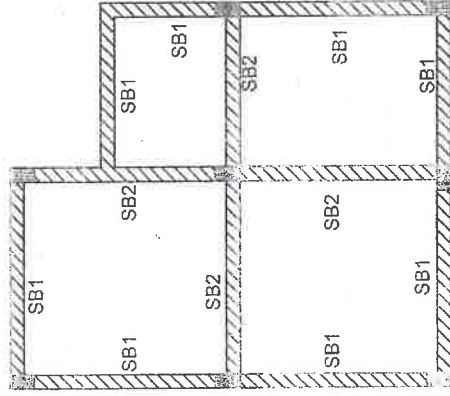
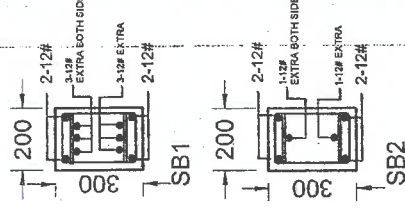
Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur (C.G.)

ALL DIMENSIONS ARE IN METRE

NOTES:-

1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
2. SFC = 1120/40/100
3. ALL CONCRETE MAX 1:20 & STEEL Fe-500 CONFORM TO IS-1786-1985, EXCEPT 6 MM DIA. OF BARS.
4. REINFORCEMENT BARS SHALL BE PLACED IN ACCORDANCE WITH THE FOLLOWING DETAILS.
5. MINIMUM CLEAR COVER FOR:
a. FLOORING 25mm FROM ALL SIDES
b. FLOORING 40mm FROM BOTTOM
c. COLUMN BELOW CL 40mm
d. COLUMN ABOVE CL 40mm
e. BEAM 40mm
f. SLAB 15mm
6. PVC COVER BLOCKS ARE RECOMMENDED FOR ALL FLOORING WORK. THEY SHALL BE PLACED ABOVE GROUND LEVEL & 25mm BELOW SFC AT A SPACING OF 1000mm.
7. NOT MORE THAN HALF THE COLUMN BARS SHALL BE UP AT A SERVICE.
8. USE OF PLASTER AND PLASTERER'S MIXTURE SHALL BE AS PER SPECIFICATION.
9. USE EXISTING CURVED PLYWOOD FOR SHUTTERING AND FORMWORK.
10. REINFORCEMENT SHALL NOT BE PERMITTED FOR DE-SALTERING.
11. CARBONADO IN VET CONDITION MINIMUM FOR 14 DAYS.
12. CENTERING IS THE RESPONSIBILITY OF CONTRACTOR.
13. 10% CURTAINMENT SPACING OF R/F BARS, DETAILING AS PER IS-456:2000.
14. DO NOT SCALE THE DRAWING.
15. IN CASE OF ANY AMBIGUITY PLEASE BRING THE MATTER TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION.
16. ANY TYPE OF OPENINGS FOR PLUMBING, ELECTRICAL, TELEPHONE, ETC. SHALL BE PROVIDED IN THE BEAMS AND COLUMNS DURING OR AFTER CASTING.

PROJECT	EYE-HOUSE FOR GENERAL HOUSING SCHEME DECKING ROAD, BILASPUR (C.G.)
CLIENT	CHHATTISGARH HOUSING BOARD DIVISION BILASPUR (C.G.)
DRAWING TITLE	RCC SLAB BEAM DETAIL



SLAB BEAM
GROUND FLOOR PLAN

DETAILS OF REINFORCEMENT IN SLAB BEAM :-

S.NO	BEAM NO.	BEAM SIZE	TOP REINFORCEMENT			BOTTOM REINFORCEMENT		TORSION steel (side face steel)	slirups	
			THROUGH	Left (c/c)	RIGHT (c/c)	THROUGH	centre (c/c)		SPACING OF RINGS	
(1)	SB1	200x300	2-12#	3-12#	3-12#	2-12#	3-12#	-	125mm c/c (14 from pillar support)	8#@125mm c/c
(2)	SB2	200x300	2-12#	1-12#	1-12#	3-12#	2-12#	-	125mm c/c	8#@150mm c/c

Sub Engineer
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Sub Division-03, Bilaspur (C.G.)

Assistant Engineer
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Sub Division-03, Bilaspur (C.G.)

Executive Engineer
Chhattisgarh Housing Board
Division-1 - Bilaspur (C.G.)

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

NOTES

1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
2. DEPTH OF FOUNDATION SHALL BE AS PER SPECIFICATION.
3. ALL CONCRETE SHALL BE 1500/100/1500 MIXED GRADE CONCRETE TO IS-1786-1985, EXCEPT 80 MM DIA OF BARS.
4. TORSION OVERLAP 80 X DIA IN COMPRESSION.
5. OVERLAP 50 X DIA OF BAR AND SHALL BE STAGGERED.
6. MINIMUM CURTAIN COVER FOR REINFORCEMENT SHALL BE:
 - a. 25mm FROM ALL SIDES
 - b. FOOTING
 - c. COLUMN BELOW G.L.
 - d. COLUMN ABOVE G.L.
 - e. BEAM
 - f. SLAB
7. RING SIZE IN COLUMN SHOULD BE SAME BELOW AND ABOVE GROUND FLOOR.
8. REINFORCEMENT IN THE COLUMN BARS SHALL BE UP AT A SECTION.
9. USE OF MORTAR VENEER AND PLASTER FOR F.L.C.C. WORK.
10. FORMWORK SHALL BE COVERED WITH WOOD FOR SHUT.
11. RING NOT PERMITTED FOR DE-SHUT.
12. CURING-EXPOSED SURFACE OF CONCRETE SHALL BE CURING WITH WATER FOR 7 DAYS.
13. FOR CORRELATION, SPACING OF R/F BARS, DETAILING SPECIFICATIONS, CONDITION OF CONCRETE, ETC., SHALL AS PER IS:456 - 2000.
14. ALL WORK SHALL BE DONE WITHIN THE SPECIFIED TIME.
15. IN CASE OF ANY DISCREPANCY, PLEASE BRING IT TO THE NOTICE OF THE ENGINEER BEFORE DECISION OF WORK.
16. ANY TYPE OF RINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN RCC BEAMS.
17. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE DRAWING.
18. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE DRAWING.
19. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE DRAWING.
20. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE DRAWING.

PROJECT

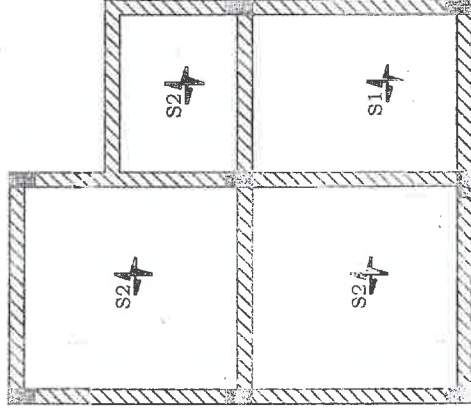
CHHATTISGARH HOUSING BOARD
BILASPUR (C.G.)

CLIENT

CHHATTISGARH HOUSING BOARD
BILASPUR (C.G.)

DRAWING TITLE

1- R.C.C. SLAB DETAIL



**SLAB
GROUND FLOOR PLAN**

DETAILS OF DIFFERENT TYPES OF SLAB :-

S.NO.	SLAB	TYPES OF SLAB	THICKNESS	along short side	along long side	EXTRA TOP UP TO L/4 FROM SUPPORT.
(1)	S1	TWO-WAY SLAB	125mm	10#@125mm c/c	10#@150mm c/c	10#@250mm c/c
(2)	S2	TWO-WAY SLAB	125mm	10#@150mm c/c	10#@150mm c/c	10#@250mm c/c

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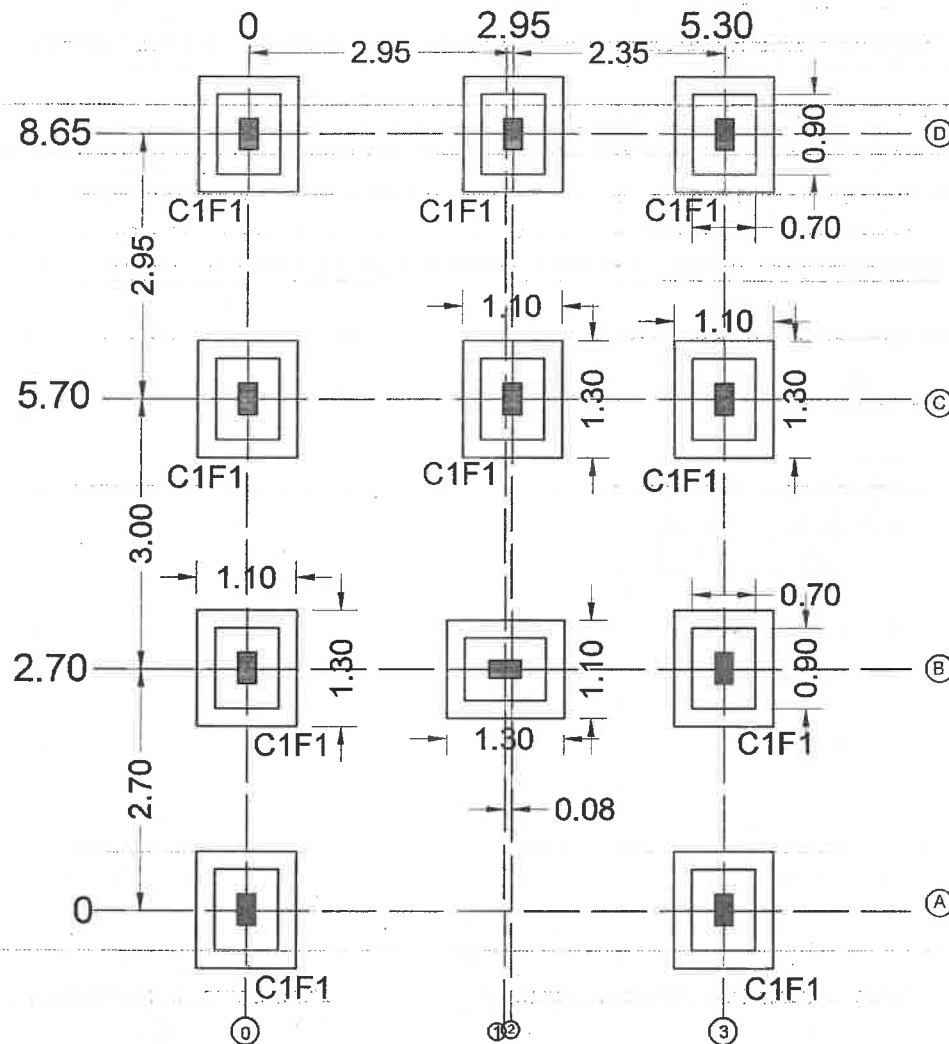
Sub Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

[Signature]

Assistant Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

[Signature]

Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur (C.G.)



LAYOUT DETAIL
CENTRE LINE PLAN

NOTES:-

1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
2. DEPTH OF FOUNDATION - 1.80m. OR Upto. Hard Soil. MINIMUM SBC = 112.0 kN/m²
3. ALL CONCRETE MIX M-20 & STEEL Fe-500 CONFIRMING TO IS- 1786-1985, EXCEPT 6 MM DIA. OF BARS.
4. TENSION OVERLAP - 60 X DIA. & COMPRESSION OVERLAP - 50 X DIA. OF BAR AND SHALL BE STAGGERED.
5. MINIMUM CLEAR COVER FOR
 - a. FOOTING = 25mm FROM ALL SIDES
 - b. FOOTING = 60mm FROM BOTTOM
 - c. COLUMN BELOW G.L. = 50mm
 - d. COLUMN ABOVE G.L. = 40mm
 - e. BEAM = 40mm
 - f. SLAB = 15mm
6. PVC COVER BLOCKS ARE RECOMMENDED.
7. RING SIZE IN COLUMN, SHOULD BE SAME BELOW AND ABOVE GROUND FLOOR.
8. NOT MORE THAN HALF THE COLUMN BARS SHALL BE LAPPED AT A SECTION.
9. USE OF MIDDLE VIBRATOR AND PLASTISIZER IS RECOMMENDED FOR R.C.C. WORK.
10. USE DENSIFIED COATED PLYWOOD FOR SHUTTERING AND FORMWORK.
11. BURNT OIL NOT PERMITTED FOR DE-SHUTTERING.
12. CURING-EXPOSED SURFACE OF CONCRETE SHALL BE CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
13. CENTERING IS THE RESPONSIBILITY OF CONTRACTOR.
14. FOR CURTAILMENT, SPLICING OF R/F BARS, DETAILING SPECIFICATIONS, COMPACTION OF CONCRETE, ETC., SHALL BE AS PER IS: 456 - 2000.
15. DO NOT SCALE THE DRAWING.
16. IN CASE OF ANY AMBIGUITY PLEASE BRING IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
17. ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN RCC BEAMS AND COLUMNS DURING OR AFTER CASTING.

PROJECT :- EWS- HOUSE FOR GENERAL HOUSING SCHEME DEORIKHURD PH.III AT BILASPUR (C.G.)

CLIENT :- CHHATTISGARH HOUSING BOARD DIVISION BILASPUR (C.G.)

DRAWING TITLE :- COLUMN & FOOTING CENTRE LINE

Sub Engineer
Chhattisgarh Housing Board
Sub Division-03 Bilaspur (C.G.)

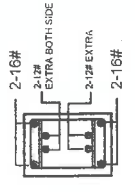
Assistant Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)

Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur (C.G.)

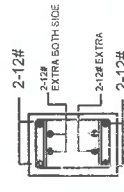
ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.

NOTES:-

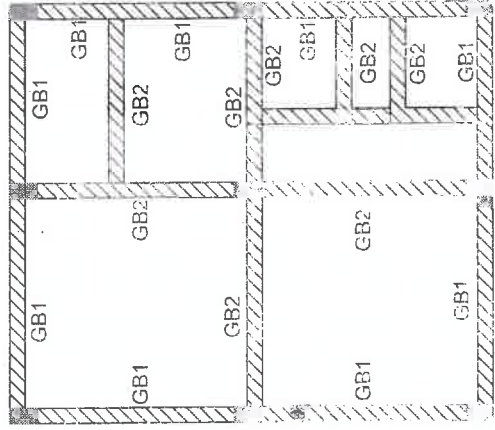
1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
2. DEPTH OF FOUNDATION - 1.5m OR 1/10th HWD Sd MINIMUM.
3. ALL CONCRETE MIX "M-20 & STEEL Fe-500 CONFORMS TO IS-1786-1985, EXCEPT 8 MM DIA. OF BARS.
4. TORSION OVERLAP AS PER IS-456 & COMPLEMENTARY CODE.
5. MINIMUM CLEAR COVER FOR
a. BOTTOM BARS = 25mm FROM ALL SIDES
b. TOP BARS = 50mm FROM TOP
c. COLUMN ABOVE G.L. = 40mm
d. COLUMN BELOW G.L. = 50mm
e. BEAM = 40mm
f. SLAB = 15mm
6. PAC COVER BLOCKS ARE RECOMMENDED.
7. ALL REINFORCING BARS SHOULD BE LAID BELOW AND ABOVE GROUND FLOOR.
8. AT A JOINT, THE TORSION OVERLAP SHOULD BE LAID AT A JOINT.
9. USE DESIGNATED PLANT FOR SHUTTERING AT JOINTS.
10. TORSION OVERLAP SHOULD BE LAID AT A JOINT.
11. CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
12. CENTERING IS THE RESPONSIBILITY OF CONTRACTOR.
13. FOR CRIPPLED, SPACING (T/F) 200, DETAILING AS PER IS-456, CODE OF PRACTICE FOR CONCRETE, ETC., SHALL BE FOLLOWED.
14. DO NOT SCALE THE DRAWING.
15. IN CASE OF ANY AMBIGUITY, P.L. OF BRING IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
16. ALL TYPE OF CHANGES FOR DIMENSIONS, ETC., SHALL BE MADE BY THE ARCHITECT'S ORDER AND NOT BY THE CONTRACTOR'S ORDER.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CASTING AND CURING DURING OR AFTER CASTING.



GB1



GB2



GROUND BEAM
GROUND FLOOR PLAN

DETAILS OF REINFO CEMENT IN GROUND

S.NO	BEAM NO.	BEAM SIZE	TOP REINFORCEMENT THROUGH	Left	Right	BOTTOM REINFORCEMENT THROUGH	centre	TORSION steel (side face steel)	straps
(1)	GB1	200x300	2-16#	2-12#	2-12#	2-16#	2-12#	(6)	SPACING OF REINFORCING STRAPS (14mm min. dia. straps)
(2)	GB2	200x300	2-12#	2-12#	2-12#	2-12#	2-12#	(6)	8# @ 125mm c/c 8# @ 150mm c/c

Sub Engineer
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Division - Bilaspur (C.G.)

NOTES:-

1. ALL DIMENSIONS ARE IN MM EXCEPT 14. P.M.
2. S.F. = 1:2.5 CEMENT : SAND : 1.500 OR UP TO HARD S.F.
3. ALL CONCRETE WORK SHALL BE DONE IN 1:2.5 CEMENT : SAND : 1.500 OR UP TO HARD S.F.
4. TENSION OVERLAP AS PER IS 456-1978 & IS 456-1978.
5. OVERLAP OF 300 MM SHALL BE PROVIDED FOR ALL REINFORCING BARS.
6. REINFORCING BARS SHALL BE PROVIDED AS PER IS 456-1978 & IS 456-1978.
7. REINFORCING BARS SHALL BE PROVIDED AS PER IS 456-1978 & IS 456-1978.
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15. REINFORCING BARS SHALL BE PROVIDED AS PER IS 456-1978 & IS 456-1978.
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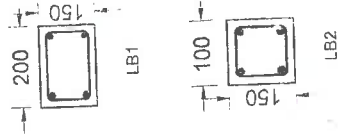
PROJECT

CHHATTISGARH HOUSING BOARD

CHHATTISGARH HOUSING BOARD

CHHATTISGARH HOUSING BOARD

CHHATTISGARH HOUSING BOARD



(FOR WINDOW & DOOR OPENINGS)

INTEL BEAM DETAIL GROUND FLOOR PLAN

Details of reinforcement in intel beam :-

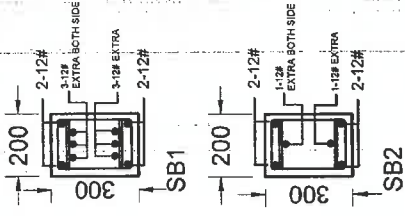
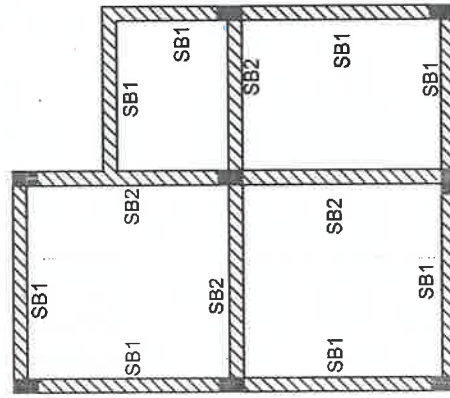
S.NO.	BEAM NO.	BEAM SIZE	TOP REINFORCEMENT			BOT. REINFORCEMENT			STIRRUPS
			THROUGH	LEFT	RIGHT	THROUGH	centre	THROUGH	
(1)	LB1	200x150	2-12#	-	-	2-12#	-	-	8#@125/c
(2)	LB2	100x150	2-10#	-	-	2-12#	-	-	8#@125/c

Sub Engineer
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Sub Division-03, Bilaspur (C.G.)

Assistant Engineer
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Sub Division-03, Bilaspur (C.G.)

Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur (C.G.)

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED



- NOTES:-**
1. ALL DIMENSIONS ARE IN MM EXCEPT IN PLAN.
 2. REINFORCEMENT - 10mm or 12mm as per design.
 3. ALL CONCRETE MAX. 1:2:20 & STEEL 450 CONFORMING TO IS-1786-1983, EXCEPT 10mm DIA. OF BARS.
 4. REINFORCEMENT SHALL BE LAPPED & LAPPED LENGTH SHALL BE AS PER IS-456.
 5. MINIMUM CLEAR COVER FOR:
 - a. FOOTING = 50mm
 - b. COLUMN BELOW G.L. = 40mm
 - c. COLUMN ABOVE G.L. = 40mm
 - d. BEAM = 40mm
 - e. SLAB = 15mm
 6. PVC COVER BOARDS ARE RECOMMENDED FOR ALL SLABS.
 7. NOT MORE THAN ONE COLUMN BARS SHALL BE LAPPED AT A JOINT.
 8. THE SLAB SHALL BE CASTED IN ONE LIFT.
 9. THE FORMWORK SHALL BE REMOVED IMMEDIATELY AFTER CASTING.
 10. THE FORMWORK SHALL BE REMOVED IMMEDIATELY AFTER CASTING.
 11. THE FORMWORK SHALL BE REMOVED IMMEDIATELY AFTER CASTING.
 12. THE FORMWORK SHALL BE REMOVED IMMEDIATELY AFTER CASTING.
 13. IN CASE OF ANY AMBIGUITY PLEASE REFER IT TO THE ARCHITECT.
 14. DO NOT SCALE THE DRAWING.
 15. THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
 16. ANY TYPE OF OPENINGS FOR PUMPING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN THE BEAMS AND COLUMNS DURING OR AFTER CASTING.
- PROJECT** :- EWS-HOUSE FOR GENERAL HOUSING SCHEME DEORHARD PULPAT BILASPUR (C.G.)
- CLIENT** :- CHHATTISGARH HOUSING BOARD DIVISION BILASPUR (C.G.)
- DRAWING TITLE** :- R.C.C. SLAB & BEAM DET.


SLAB BEAM GROUND FLOOR PLAN

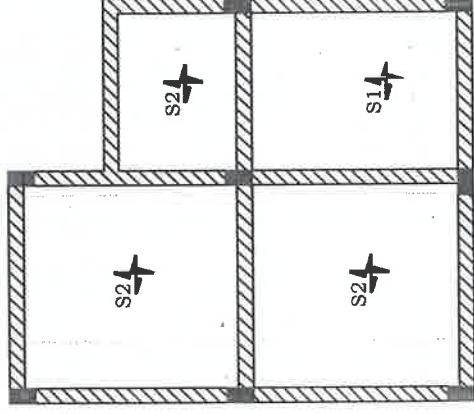
DETAILS OF REINFORCEMENT IN SLAB BEAM :-

S.NO	BEAM NO.	BEAM SIZE	TOP REINFORCEMENT			BOTTOM REINFORCEMENT		TORSION steel (side face steel)	STIRRUPS	
			THROUGH	Left (10.3.1)	RIGHT (10.3.1)	THROUGH	centre (10.2.1)		SPACING OF RING, ϕ	
(1)	SB1	200x300	2-12#	3-12#	3-12#	2-12#	3-12#	-	8#@125mm c/c	8#@150mm c/c
(2)	SB2	200x300	2-12#	1-12#	1-12#	3-12#	2-12#	-	8#@125mm c/c	8#@150mm c/c


Sub Engineer
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Sub Division-03, Bilaspur (C.G.)


Assistant Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)


Executive Engineer
Chhattisgarh Housing Board
Sub Division-03, Bilaspur (C.G.)



SLAB
GROUND FLOOR PLAN

DETAILS OF DIFFERENT TYPES OF SLAB :-

S.NO.	SLAB	TYPES OF SLAB	THICKNESS	along short side	along long side	EXTRA TOP UP TO L/4 FROM SUPPORT
(1)	S1	TWO-WAY SLAB	125mm	10#@125mm c/c	10#@150mm c/c	10#@250mm c/c
(2)	S2	TWO-WAY SLAB	125mm	10#@150mm c/c	10#@150mm c/c	10#@250mm c/c

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Executive Engineer
Chhattisgarh Housing Board
Division - Bilaspur

NOTES

1. DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH IS: 456-1978.
3. ALL CONCRETE MAX 1:2:40 & STEEL P4-500 CONFORMING TO IS: 1786-1983, EXCEPT MAIN DIA OF BARS.
4. REINFORCEMENT SHALL BE DONE IN ACCORDANCE WITH IS: 456-1978.
5. MINIMUM CLEAR COVER FOR:
 - a. FOOTING = 50mm FROM ALL SIDES
 - b. COLUMN BELOW G.L. = 50mm
 - c. COLUMN ABOVE G.L. = 40mm
 - d. BEAM = 40mm
 - e. SLAB = 10mm
6. ALL COVER MEASURES ARE TO BE TAKEN FROM EXTERIOR SURFACE OF CONCRETE.
7. NOT MORE THAN HALF THE COLUMN BARS SHALL BE LAPPED AT A SECTION.
8. FOR SLAB REINFORCEMENT AND PILE REINFORCEMENT IS RECOMMENDED FOR 25% MORE.
9. USE DESIGNER COATED PLYWOOD FOR SHAFT.
10. BARS OF 10mm AND ABOVE TO BE SQUARED.
11. ALL REINFORCEMENT SHALL BE CONTINUOUS THROUGHOUT THE ENTIRE LENGTH OF THE SLAB.
12. CENTERING IS IN NET CONDITION THROUGHOUT FOR 14 DAYS.
13. FOR CURALLMENT, SPACING OF 1/7 BARS DETACHING PERFORMING CONSTRUCTION OF CONCRETE ETC. SHALL BE AS PER IS: 456-1978.
14. DO NOT SCALE THE 1/7 BARS.
15. IN CASE OF ANY SPLIT, PLEASE BRING IT TO THE NOTICE OF THE OFFICE BEFORE EXECUTION OF WORK.
16. ANY TYPE OF JOINTS FOR PILING, DRAINAGE OR OTHER PURPOSES SHALL BE DONE IN ACCORDANCE WITH THE DESIGNER'S DRAWING OR AFTER CASTING.

PROJECT	BHS-HOUSE FOR GENERAL HOUSING SCHEME DEERHARJE (BILASPUR DIST.)
CLIENT	CHHATTISGARH HOUSING BOARD DIVISION-BILASPUR (C.G.)
DRAWING TITLE	RSC SLAB DETAIL