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6. Any discrepancies or changes noted in the drawings should be brought to the notice of the concerned Engineer

Sik

ASSISTANT EXECUTIVE ENGINEER
KSDB NO - SUB DIV

[Signature]

EXECUTIVE ENGINEER
KSDB NO - DIV

TECHNICAL DIRECTOR -
KSDB

COMMISSIONER.
KSDB, BANGALORE

CLIENT :

KARNATAKA SLUM DEVELOPMENT BOARD

PROJECT :

CONSTRUCTION OF GF DU'S UNDER
PMAY - HFA SCHEME

TITLE :

PLAN AT SILL LEVEL

DESIGNED BY :

[Signature]

Syeda Nasrath Fathima, AE, KSDB
(B.E., M.Tech. in Structural Engineering)

CHECKED BY :

[Signature]

Maharaja Institute of Technology Mysore
Bengaluru - 560018

Sri Scaled Not to Scale

Mandya District - 571438

SCHEDULE OF OPENINGS	
DOORS:	
MD	0.9m x 2.1m
D1	0.9m x 2.1m
D2	0.75m x 2.1m
OP1	0.9m
WINDOWS:	
W1	0.9m x 1.2m
W2	0.75m x 0.6m
VENTILATORS:	
V1	0.45m x 0.45m
AREA STATEMENT:	
CARPET AREA	27.11sqm
PLINTH AREA	33.30sqm

"Approved."

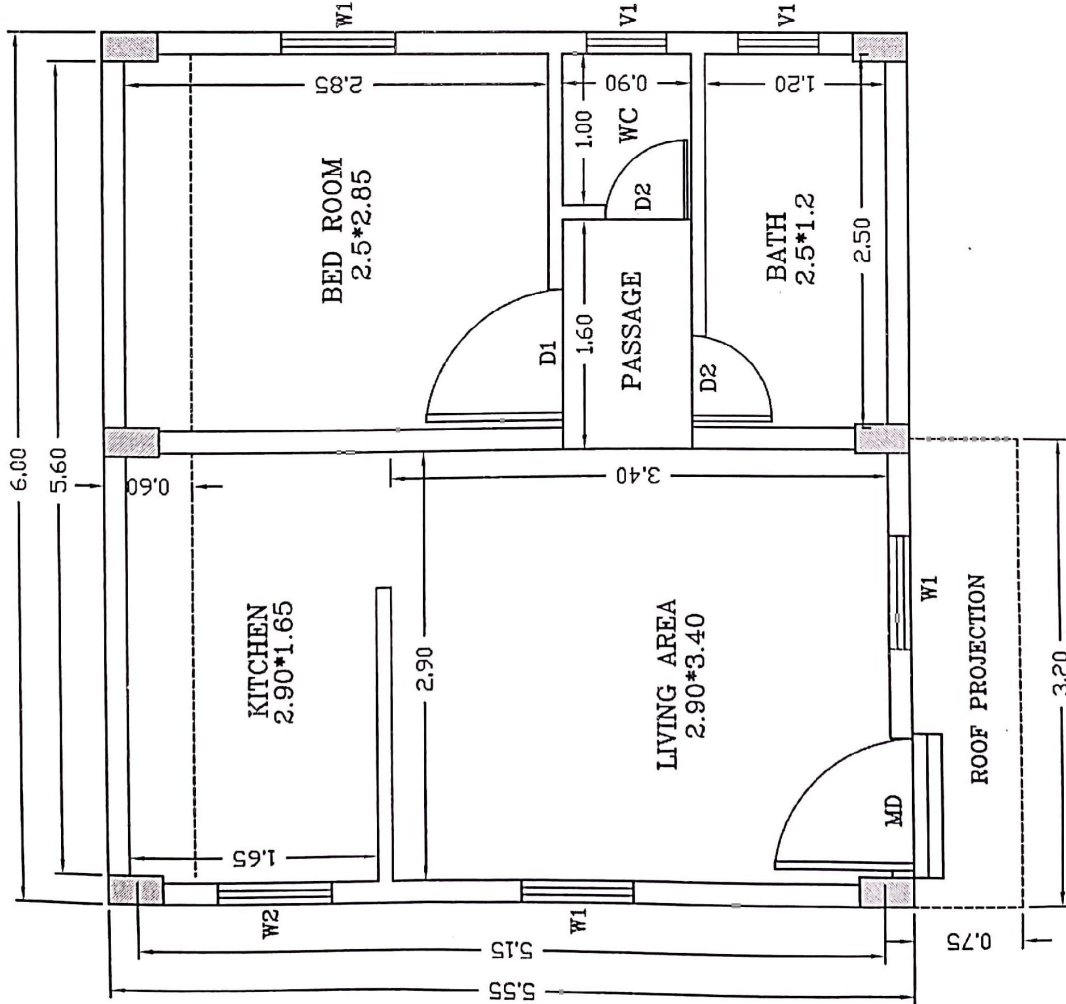
A. H. Lakshman Kumar

ಅಂತ್ಯಕ ನಿರ್ದೇಶಕರು - 1

ಕರ್ನಾಟಕ ಕೂಲಿ ಕೆಲಸದ ಮಂಡಳಿ

ಮಂಡ್ಯ ಜಿಲ್ಲಾ

PLAN AT SILL LEVEL



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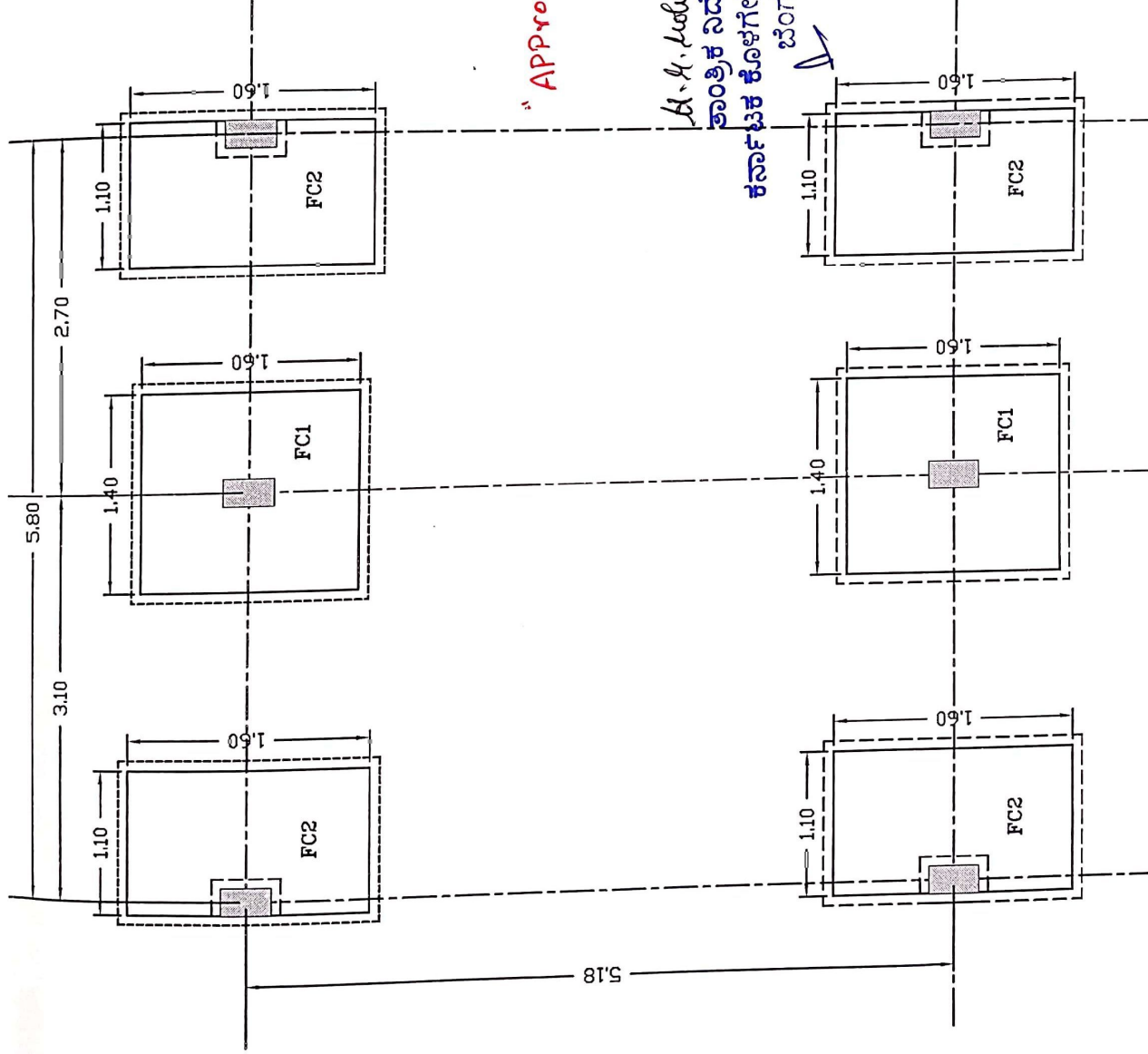
CLIENT :
KARNATAKA SLUM DEVELOPMENT BOARD

PROJECT :
CONSTRUCTION OF GF DU'S UNDER
PMAY - HFA SCHEME

TITLE :
FOOTING LAYOUT

DESIGNED BY : *hust*
Syeda Nasrath Fathima, AE, KSDB
(B.E., M.Tech. in Structural Engineering)

CHECKED BY : *Principals*
Maharaja Institute of Technology Mysore
Babuji Nagar, Mysore - 570015
Drawing No. S.T.R.C.D/GP/02/GP/1
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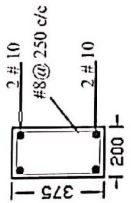
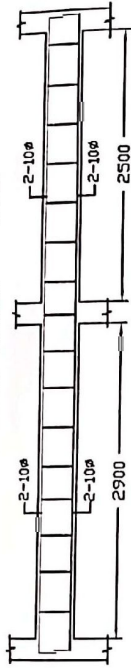


FOOTING LAYOUT

- Warr Scale: Not a Scale 438

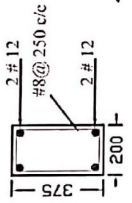
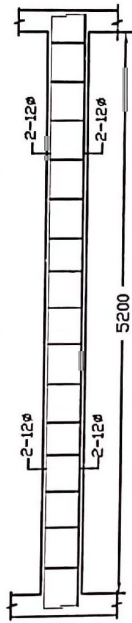
COLUMN AND FOOTING DETAILS

PLINTH BEAM - PB1



SECTION

PLINTH BEAM - PB2

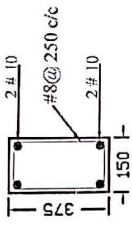
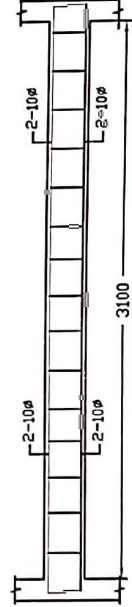
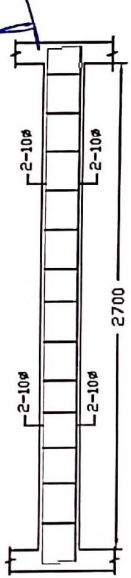


SECTION

"Approved"

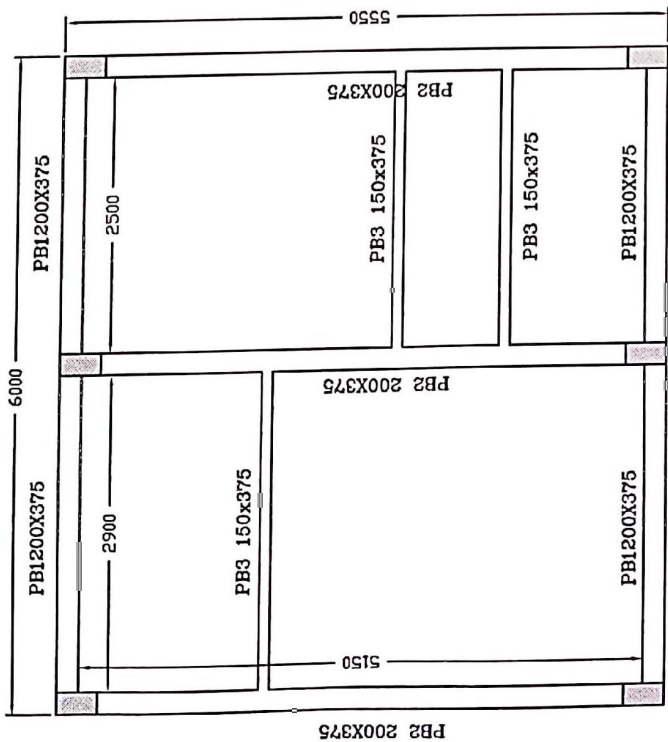
M. H. Subbarao
ಅಂತ್ಯಕ ನಿರ್ದೇಶಕರು - 1
ಕರ್ನಾಟಕ ಕೊಳಗೇರಿ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ
ಬೆಂಗಳೂರು

PLINTH BEAM - PB3



SECTION

PLINTH BEAM LAYOUT



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ASSISTANT EXECUTIVE ENGINEER
KSDB NO - SUB DIV

EXECUTIVE ENGINEER
KSDB NO - DIV

TECHNICAL DIRECTOR -
KSDB

COMMISSIONER.
KSDB, BANGALORE

CLIENT:
KARNATAKA SLUM DEVELOPMENT BOARD

PROJECT:
CONSTRUCTION OF GF DU'S UNDER
PMAY - HFA SCHEME

TITLE:
PLINTH BEAM DETAILS

DESIGNED BY :
Syeda Nusrath Fathima, AE, KSDB
(B.E., M.Tech. in Structural Engineering)

CHECKED BY :
Maharaja Institute of Technology Mysore
Belwadi, Nagavanahalli Post

Drawing No: STRO.DWG.04.GFC
Scale: 1/100

Notes :

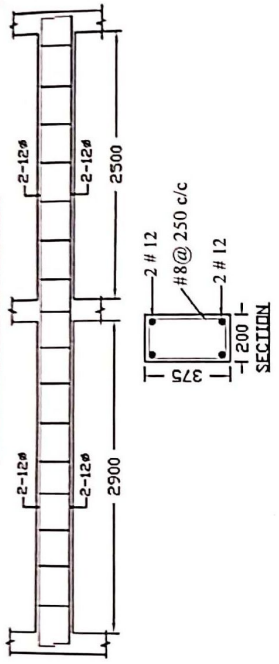
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<i>[Signature]</i> ASSISTANT EXECUTIVE ENGINEER KSDB NO - SUB DIV	<i>[Signature]</i> EXECUTIVE ENGINEER KSDB NO - DIV	TECHNICAL DIRECTOR - KSDB	COMMISSIONER. KSDB, BANGALORE	CLIENT : KARNATAKA SLUM DEVELOPMENT BOARD	PROJECT : CONSTRUCTION OF GF DU'S UNDER PMAY - HFA SCHEME	TITLE : ROOF BEAM DETAILS	DESIGNED BY : <i>[Signature]</i> Syeda Nusrath Fathima, AE, KSDB (B.E., M.Tech. in Structural Engineering)	CHECKED BY : <i>[Signature]</i> Principal Karnataka Institute of Technology Mysore Drawing No. STRC.DWG.03.GFC
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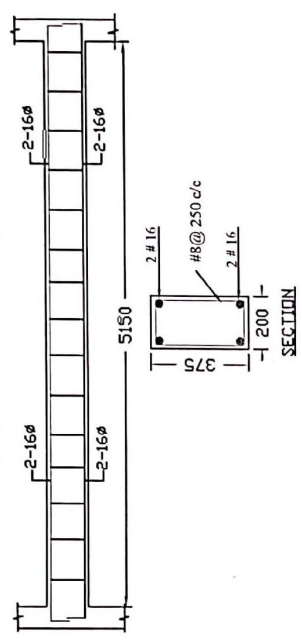
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Mandya District, South

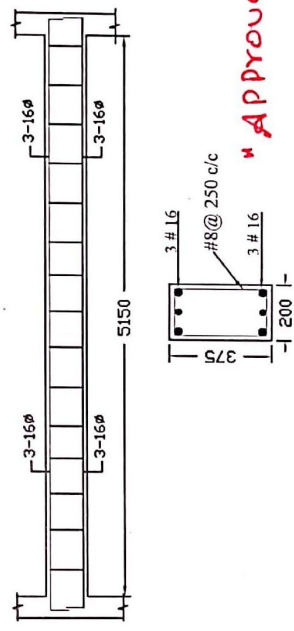
ROOF BEAM - RB1



ROOF BEAM - RB2



ROOF BEAM - RB3

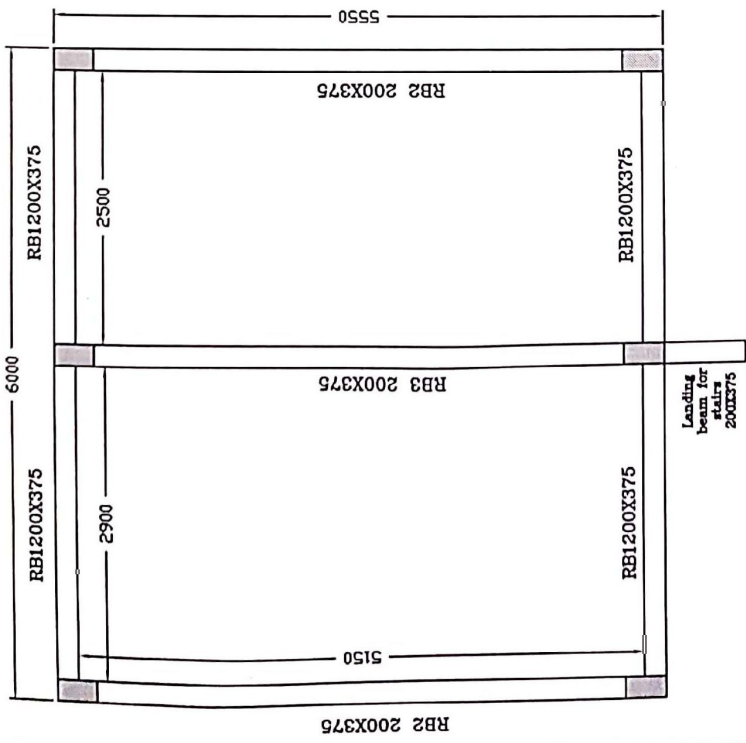


APPROVED

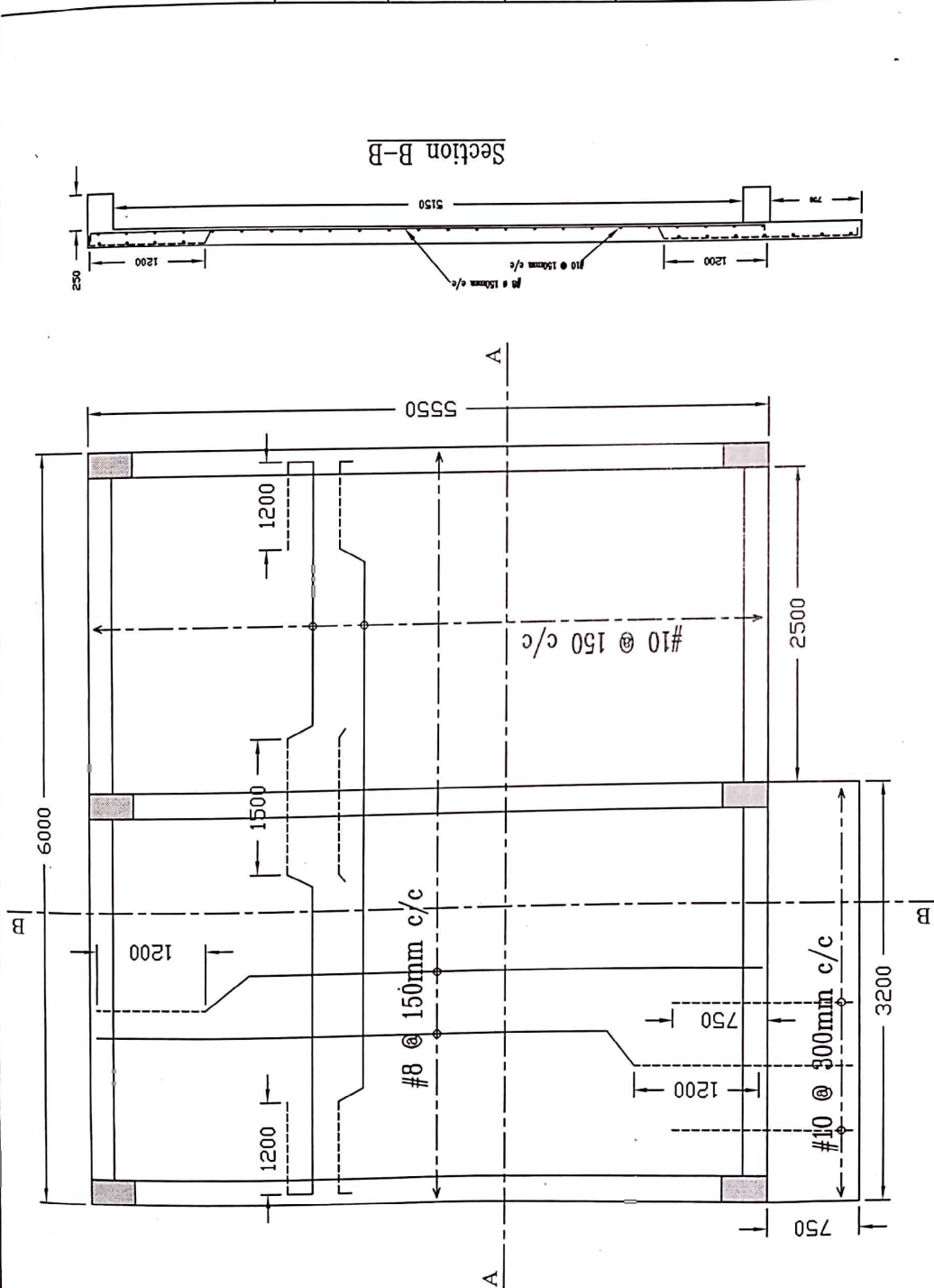
[Signature]
 H. H. Lakshman Kumar

ತಾಂತ್ರಿಕ ನಿರ್ದೇಶಕರು -
 ಕರ್ನಾಟಕ ಕೋಶಗೇರಿ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ
 ಚಿರಗಲೂರು

ROOF BEAM LAYOUT

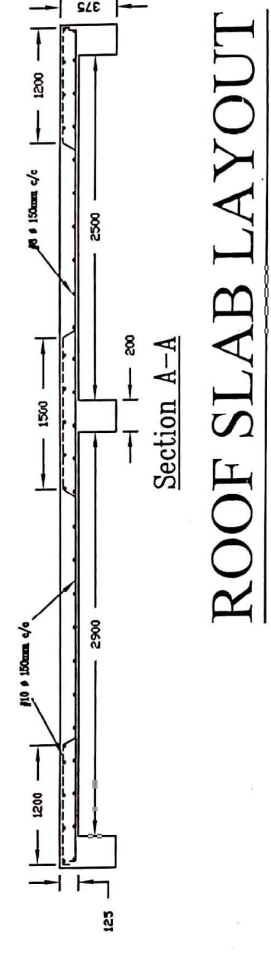


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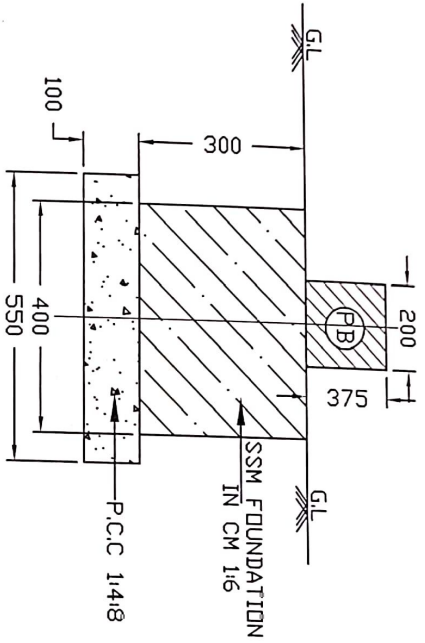
"APPROVED"

A. S. Srinivas Kumar
ಶಾಂತಿಕೆ ನಿರ್ದೇಶಕರು - 1
ಕರ್ನಾಟಕ ಕೊಳಗಲಿ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ
ಬೆಂಗಳೂರು

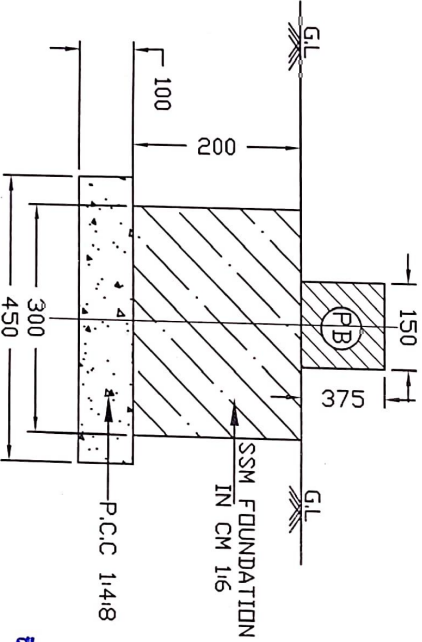


ROOF SLAB LAYOUT

MAIN WALL SSM FOUNDATION DETAILS



PARTITION WALL SSM FOUNDATION DETAILS

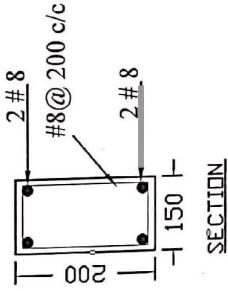
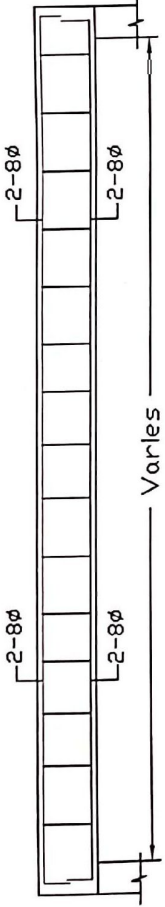


SSM - WALL FOUNDATION DETAILS

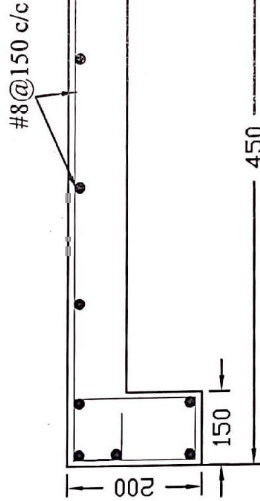
Approved!
ಶ್ರೀ. ಸಿ. ಸುಬ್ರಹ್ಮಣ್ಯಮ್
ತಾಂತ್ರಿಕ ನಿರ್ದೇಶಕರು - 1
ಕರ್ನಾಟಕ ಕೊಳಗೇರಿ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ
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EXECUTIVE ENGINEER KSDB NO - DIV <i>[Signature]</i>	TECHNICAL DIRECTOR - KSDB
COMMISSIONER KSDB, BANGALORE	CLIENT : KARNATAKA SLUM DEVELOPMENT BOARD
PROJECT : CONSTRUCTION OF GF DUS UNDER PMAY - HFA SCHEME	TITLE : SSM - WALL FOUNDATION DETAILS
DESIGNED BY : <i>[Signature]</i> Syeda Nidraath Fathima, AE, KSDB (B.E., M.Tech. in Structural Engineering)	CHECKED BY : <i>[Signature]</i>
Principal Maharaja Institute of Technology Mysore Drawing No: STRC.DWG.07/GEC Srini Sangeetha Nair Seal Mysore District - 571 1436	

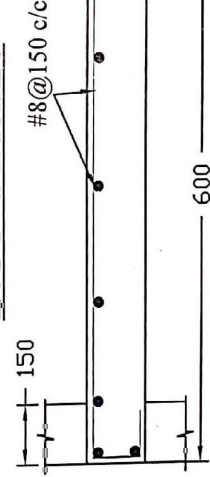
LINTEL BEAM - LB



CHAJJA DETAILS



LOFT DETAILS



"Approved"

ಶ್ರೀ. ಸಿ. ಸಿ. ಶಾಸ್ತ್ರಿ
ಅಂತ್ಯಕ ನಿರ್ದೇಶಕರು - 1
ಕರ್ನಾಟಕ ಕೊಳಗೇರಿ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ
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KSDB, BANGALORE

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PROJECT:
CONSTRUCTION OF GF DU'S UNDER
PMAY - HFA SCHEME

TITLE:
LINTEL, CHAJJA & LOFT DETAILS

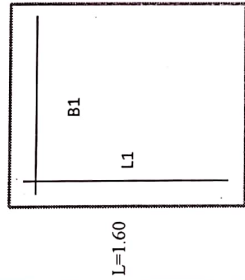
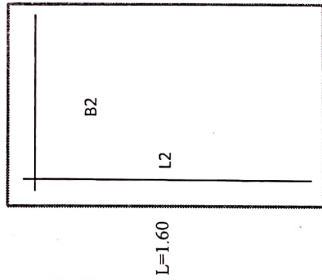
DESIGNED BY: *Syeda Nostrath Fathima*
Syeda Nostrath Fathima, AE, KSDB
(B.E., M.Tech. in Structural Engineering)

CHECKED BY: *Sif*
Principal

Manaraj
Drawing No: STRC DWG. 08 GFC
Scale: Not to Scale
Srinagarapath

Bar Bending Schedule

BBS for Construction of Ground Floor Dwelling Units under PMAY-HFA

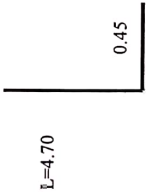
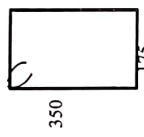
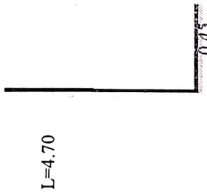
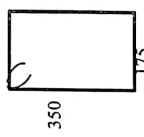
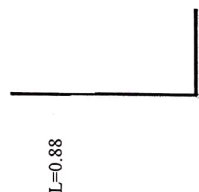
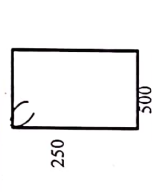
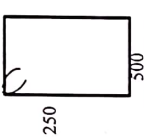
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		L	B	D											8mm	10mm	12mm	16mm		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
FOOTING																				
1	Footing FC1	1600	1400	350	L1	Main bar along Longer Span		10	150	2	10	1500	30.00	0.6173	-	30.00	-	-	18.52	97.04
2					B1	Main bar along Shorter Span		10	150	2	12	1300	31.20	0.6173	-	31.20	-	-	19.26	
3	Footing FC2	1600	1100	350	L2	Main bar along Longer Span		10	150	4	8	1500	48.00	0.6173	-	48.00	-	-	29.63	
4					B2	Main bar along Shorter Span		10	150	4	12	1000	48.00	0.6173	-	48.00	-	-	29.63	


 AE, KODD



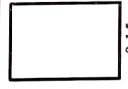
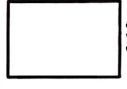
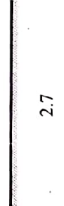
Sl. No.	Structural Member	Size in mm				Bar Mark	Type of Bar	Shape of Bar	Dia of Bar in mm	Spacing in mm	No of members	No of bars	Length per piece in mm	Total Length in m	Unit Weight in kg/m	Total Length in m				Weight in Kgs	Weight per structural member in Kg
		L	B	D												8mm	10mm	12mm	16mm		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	

COLUMN

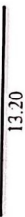
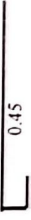
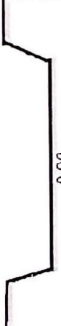
5	Column C1	4700	200	375	L1	Main bar		16	-	2	6	5150	61.80	1.5802	-	-	-	61.80	97.66		
6					S1	Stirrups		8	200	2	24	1242	58.37	0.3951	58.374	-	-	-	23.06		
7					L2	Main bar		16	-	4	4	5150	82.4	1.5802	-	-	-	82.4	130.21		
8	Column C2	4700	200	375	S2	Stirrups		12	-	4	2	5150	41.2	0.8889	-	41.2	-	-	-	36.62	378.15
								8	200	4	19	1242	93.15	0.3951	93.15	-	-	-	36.80		
9	Pedestal PC2	950	275	525	L3	Main bar		16	-	4	5	1330	26.6	1.5802	-	-	-	26.6	42.03		
10					S3	Stirrups		8	200	4	4	1692	29.78	0.3951	29.78	-	-	-	11.76		

Q. Des SVS

hywath
-AE, JSDDB

Sl. No.	Structural Member	size in mm				Bar Mark	Type of Bar	Shape of Bar	Dia of Bar in mm	Spacing in mm	No of members	No of bars	Length per piece in mm	Total Length in m	Unit Weight in kg/m	Total Length in m				Weight in Kgs	Weight per structural member in Kgs
		L	B	D	8mm											10mm	12mm	16mm			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
PLINTH BEAM																					
11	Plinth PB 1	6000	200	375	L1	Main bar		10	-	2	4	5950	47.60	0.6173	-	47.60	-	-	-	29.38	178.72
12					S1	Stirrups		8	250	2	25	1142	57.10	0.3951	57.10	-	-	-	-	-	
13	Plinth PB 2	5550	200	375	L2	Main bar		12	-	3	4	5500	66.00	0.8889	-	66.00	-	-	-	58.67	
14					S2	Stirrups		8	250	3	23	1142	79.48	0.3951	79.48	-	-	-	-	-	
15	Plinth PB 3	3200	150	375	L3	Main bar		10	-	1	4	3100	12.40	0.6173	-	12.40	-	-	-	7.65	
16					S3	Stirrups		8	250	1	14	1042	14.38	0.3951	14.38	-	-	-	-	-	
17	Plinth PB 4	2800	150	375	L4	Main bar		10	-	2	4	2700	21.60	0.6173	-	21.60	-	-	-	13.33	
18					S4	Stirrups		8	250	2	12	1042	25.42	0.3951	25.42	-	-	-	-	-	

By Nating
-AE, 9.008

Sl. No.	Structural Member	Size in mm				Bar Mark	Type of Bar	Shape of Bar	Dia of Bar in mm	Spacing in mm	No of members	No of bars	Length per piece in mm	Total Length in m	Unit Weight in kg/m	Total Length in m				Weight in Kgs	Weight per structural member in Kgs
		L	B	D	8mm											10mm	12mm	16mm			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
LINTEL BEAM																					
19	Lintel Beam	13200	150	200	L	Main bar		8	200	1	4	13.20	52.80	0.3951	52.8	-	-	-	20.86	44.33	
20					S	Stirrups		8	200	1	75	792.00	59.40	0.3951	59.4	-	-	-	-		-
CHAJJA																					
21	Chajja	7350	450	100	L1	Main bar		8	150	1	50	0.75	37.50	0.3951	37.5	-	-	-	14.81	29.33	
22					L2	Distribution Bar		8	150	1	5	7.35	36.75	0.3951	36.75	-	-	-	-		-
LOFT																					
23	Loft	5400	600	100	L1	Main bar		8	150	1	37	0.80	29.60	0.3951	29.6	-	-	-	11.69	36.08	
24					L2	Distribution Bar		8	150	1	7	5.40	37.80	0.3951	37.8	-	-	-	-		-
25	Loft in passage	1600	1000	100	L1	Main bar		8	150	1	12	1.00	11.67	0.3951	11.67	-	-	-	4.61		
26					L2	Distribution Bar		8	150	1	8	1.60	12.27	0.3951	12.27	-	-	-	-		-

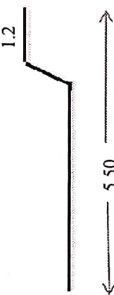
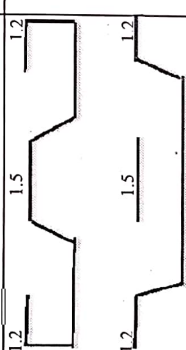

 AE, K508

Sl. No.	Structural Member	Size in mm				Bar Mark	Type of Bar	Shape of Bar	Dia of Bar in mm	Spacing in mm	No of members	No of bars	Length per piece in mm	Total Length in m	Unit Weight in kg/m	Total Length in m				Weight in Kgs	Weight per structural member in Kgs
		L	B	D	8mm											10mm	12mm	16mm			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
ROOF BEAM																					
27	Roof Beam RB1	6000	200	375	L	Main bar		12	-	2	4	5950	47.60	0.8889	-	-	47.6	-	-	42.31	
28					S	Stirrups		8	250	2	25	1142	57.10	0.3951	57.10	-	-	-	-	22.56	
29	Roof Beam RB2	5550	200	375	L	Main bar		16	-	2	4	5500	44.00	1.5802	-	-	-	-	44.00	69.53	
30					S	Stirrups		8	250	2	23	1142	52.99	0.3951	52.99	-	-	-	-	20.93	
31	Roof Beam RB3	5550	200	375	L	Main bar		16	-	1	6	5500	33.00	1.5802	-	-	-	-	33.00	52.15	
32					S	Stirrups		8	200	1	29	1142	32.83	0.3951	32.83	-	-	-	-	12.97	
33	Landing Beam LB3	850	200	375	L	Main bar		16	-	1	4	825	3.30	1.5802	-	-	-	-	3.30	5.21	
34					S	Stirrups		8	200	1	4	1142	4.57	0.3951	4.57	-	-	-	-	1.80	

227.47

1.80

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AE, KDD

Sl. No.	Structural Member	Size in mm				Bar Mark	Type of Bar	Shape of Bar	Dia of Bar in mm	Spacing in mm	No of members	No of bars	Length per piece in mm	Total Length in m	Unit Weight in kg/m	Total Length in m				Weight in Kgs	Weight per structural member in Kgs
		L	B	D	8mm											10mm	12mm	16mm			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
ROOF SLAB																					
35	Roof Slab	6000	5550	125	L1	Distribution Bar		8	150	1	41	5.82	236.48	0.3951	236.48	236.48	-	-	-	93.42	288.28
36					L2	Main bar		10	150	1	35	8.08	282.80	0.6173	282.80	282.80	-	-	-	174.57	
37	Roof Projection				L1	Main bar		10	300	1	11	1500	16.75	0.6173	16.75	16.75	-	-	10.34		
38		3200	750	125				8	300	1	10	750	7.63	0.3951	7.63			-	3.01		
39					L2	Distribution Bar		8	150	1	6	3100	17.57	0.3951	17.57	17.57	-	-	6.94		
Total Reinforcing steel required in Kgs																			1279.41		


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