

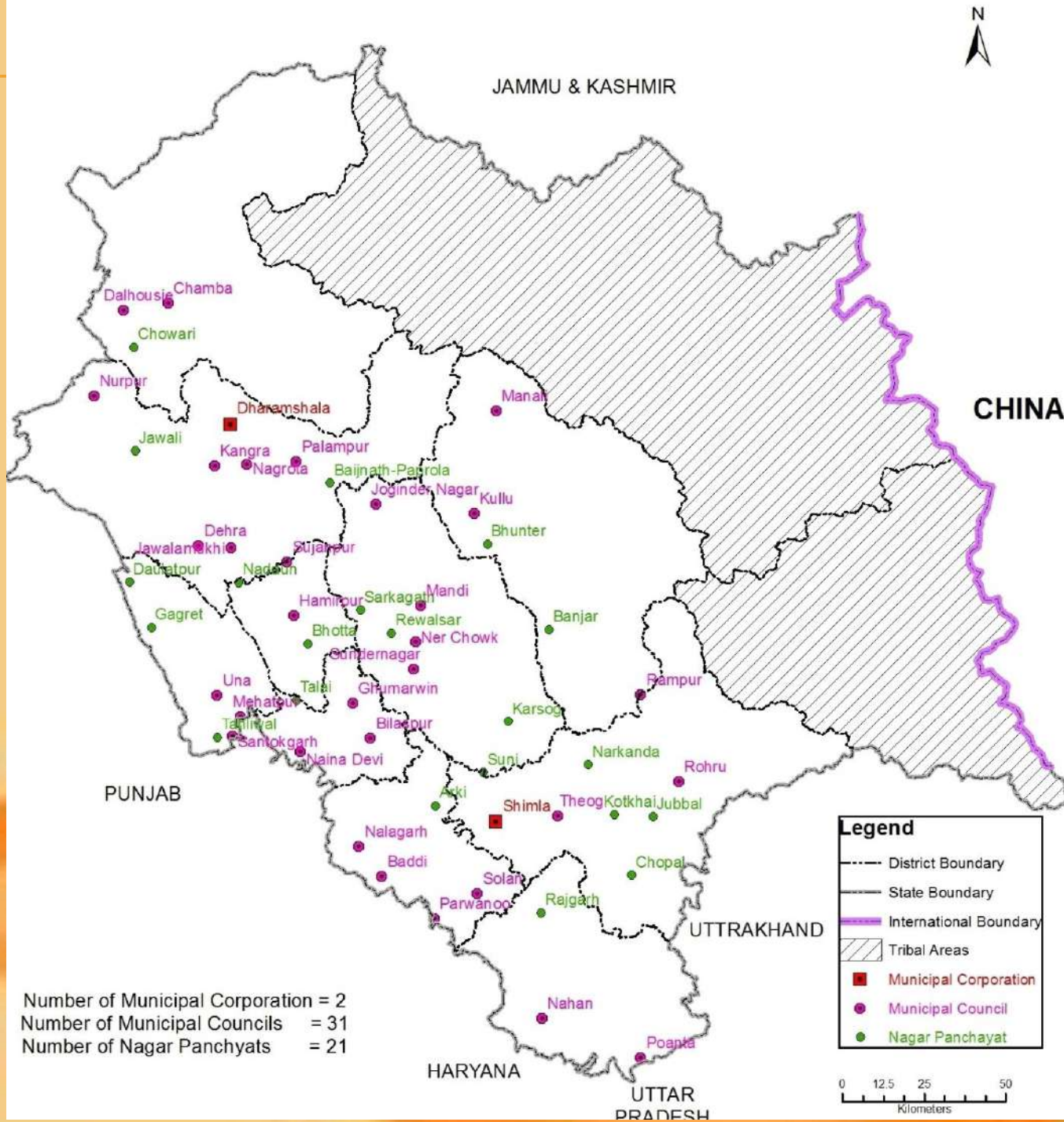


PRADHAN MANTRI AWAS YOJANA- HOUSING FOR ALL (URBAN)

**DEPARTMENT OF URBAN DEVELOPMENT
GOVERNMENT OF HIMACHAL PRADESH**

**MEETING OF CENTRAL SANCTIONING & MONITORING
COMMITTEE (CSMC-MOHUPA-GOI)
26TH MARCH, 2018**

54 Urban Local Bodies in Himachal Pradesh



STATUS OF PMAY-HFA- HIMACHAL PRADESH

- The door to door demand survey has been completed in all the 54 towns in Himachal Pradesh and 16322 beneficiaries have been identified under PMAY-HFA.
- The MIS entries of the surveyed beneficiaries have been entered in the PMAY-MIS portal of GOI and SECC data under BLC component has been seeded under BLC component beneficiaries.
- Housing for All Plan of Action (HFAPoA) has been prepared for all 54 towns and same has been approved from SLSCMC and submitted to GOI.
- The DPRs has already been prepared under BLC component (New & Enhancement) for thirteen towns including 1914 & 2655 total 4569 beneficiaries and got approved from the SLSCMC and CSMC.
- The DPRs has been prepared under BLC component (New & Enhancement) for 41 towns including 3345 beneficiaries and got approved from the SLSCMC and is being submitted for approval to CSMC-MoHUA GOI.
- For implementation of AHP component Land identification is under process and land has been identified at Baddi (1.23 hectare-270 DU), Mandi (1.35 hectare-296 DU), Dharamshala (3.5 hectare-420 DU) , Solan (0.9 hectare-200), Shimla (1.61-280 hectare) and DPR preparation are under progress.
- Under In-Situ Slum Redevelopment using land as resource, most of the slums are on forest land and thus proposed to shift those beneficiaries under AHP component.
- Utilization Certificate for release of second installment has been submitted to GOI.
- RFP for Third Party Quality Monitoring Agency (TPQMA) has been floated and technical proposals and financial proposals has been opened. The award Letter will be issued shortly.
- RFP for Social Audit has been prepared and will be floated shortly.
- NIT Himarpur is providing technical support to Department .
- In Himachal Pradesh Bilaspur has been shortlisted for Civil Services Awards (third round and central team visit Bilaspur for field verification).

FOR CENTRAL ASSISTANCE OF 41 TOWNS BLC (NEW) PROJECTS SUBMITTED BY HIMACHAL PRADESH

Sr. No.	Name of City	No.of EWS Houses	Total Project Cost	Central Assistance (Rs.....L)	State Share (Rs..... L)	Beneficiary Share	ULB Share	1st installment (40%) of Central Assistance
1	Nadaun	64	372.48	96.00	9.60	266.88	0.00	38.40
2	Bhota	38	221.16	57.00	5.70	158.46	0.00	22.80
3	Tira Sujanpur	111	646.02	166.50	16.65	462.87	0.00	66.60
4	Hamirpur	33	143.22	49.50	4.95	88.77	0.00	19.80
5	Dehra	139	808.98	208.50	20.85	579.63	0.00	83.40
6	Jawalamukhi	89	517.98	133.50	13.35	371.13	0.00	53.40
7	Kangra	173	1006.86	259.50	25.95	721.41	0.00	103.80
8	Nurpur	33	192.06	49.50	4.95	137.61	0.00	19.80
9	Nagrota	84	488.88	126.00	12.60	350.28	0.00	50.40
10	Palampur	16	93.12	24.00	2.40	66.72	0.00	9.60
11	Baijnath-Paprola	462	2688.84	693.00	69.30	1926.54	0.00	277.20

12	Jawali	419	2438.58	628.50	62.85	1747.23	0.00	251.40
13	Arki	12	69.84	18.00	1.80	50.04	0.00	7.20
14	Chuari Khas	88	512.16	132.00	13.20	366.96	0.00	52.80
15	Paonta Sahib	45	261.90	67.50	6.75	187.65	0.00	27.00
16	Rajgarh	35	203.70	52.50	5.25	145.95	0.00	21.00
17	Ghumarwin	44	256.08	66.00	6.60	183.48	0.00	26.40
18	Talai	22	128.04	33.00	3.30	91.74	0.00	13.20
19	Naina Devi	18	104.76	27.00	2.70	75.06	0.00	10.80
20	Ner Chowk	349	2031.18	523.50	52.35	1455.33	0.00	209.40
21	Jogindarnagar	68	395.76	102.00	10.20	283.56	0.00	40.80
22	Karsog	26	151.32	39.00	3.90	108.42	0.00	15.60
23	Rawalsar	38	221.16	57.00	5.70	158.46	0.00	22.80
24	Sarkaghat	104	605.28	156.00	15.60	433.68	0.00	62.40
25	Sundarnagar	135	785.70	202.50	20.25	562.95	0.00	81.00
26	Santokhgarh	56	325.92	84.00	8.40	233.52	0.00	33.60

27	Gagret	46	267.72	69.00	6.90	191.82	0.00	27.60
28	Mehatpur Basdehra	84	488.88	126.00	12.60	350.28	0.00	50.40
29	Tahaliwal	38	221.16	57.00	5.70	158.46	0.00	22.80
30	Daulatpur Chowk	111	646.02	166.50	16.65	462.87	0.00	66.60
31	M.C. Rampur,	15	87.37	22.50	2.25	62.62	0.00	9.00
32	M.C.Theog,	15	87.37	22.50	2.25	62.62	0.00	9.00
33	M.C. Rohroo,	2	11.65	3.00	0.30	8.35	0.00	1.20
34	N.P. Chopal,	41	238.82	61.50	6.15	171.17	0.00	24.60
35	N.P. Narkanda,	6	34.95	9.00	0.90	25.05	0.00	3.60
36	N.P.Kotkathi,	3	17.47	4.50	0.45	12.52	0.00	1.80
37	N.P. Jubbal,	1	5.82	1.50	0.15	4.17	0.00	0.60
38	N.P. Suni,	11	64.07	16.50	1.65	45.92	0.00	6.60
39	M.C. Manali,	10	58.25	15.00	1.50	41.75	0.00	6.00
40	N.P.Bhunter	15	87.37	22.50	2.25	62.62	0.00	9.00
41	N.P.Banjar	9	52.42	13.50	1.35	37.57	0.00	5.40
Total		3108	18040.35	4662.00	466.20	12912.15	0.00	1864.80

FOR CENTRAL ASSISTANCE OF TOWNS BLC (ENHANCEMENT) PROJECTS SUBMITTED BY HIMACHAL PRADESH

Sr. No.	Name of City	No.of EWS Houses	Total Project Cost	Central Assistance (Rs.....L)	State Share (Rs..... L)	Beneficiary Share	ULB Share	1st installment (40%) of Central Assistance
1	Nadaun	1	2.91	1.50	0.15	1.26	0.00	0.60
2	Hamirpur	16	32.99	24.00	2.40	6.59	0.00	9.60
3	Kangra	3	9.32	4.50	0.45	4.37	0.00	1.80
4	Nurpur	5	14.76	7.50	0.75	6.51	0.00	3.00
5	Nagrota	3	10.48	4.50	0.45	5.53	0.00	1.80
6	Palampur	2	5.82	3.00	0.30	2.52	0.00	1.20
7	Bajnath-Paprola	2	5.82	3.00	0.30	2.52	0.00	1.20
8	Jawali	12	44.07	18.00	1.80	24.27	0.00	7.20
9	Chuari Khas	3	11.07	4.50	0.45	6.12	0.00	1.80
10	Rajgarh	11	30.09	16.50	1.65	11.94	0.00	6.60

11	Ghumarwin	9	26.79	13.50	1.35	11.94	0.00	5.40
12	Talai	10	32.81	15.00	1.50	16.31	0.00	6.00
13	Naina Devi	4	11.26	6.00	0.60	4.66	0.00	2.40
14	Ner Chowk	24	70.67	36.00	3.60	31.07	0.00	14.40
15	Jogindarnagar	6	18.25	9.00	0.90	8.35	0.00	3.60
16	Sarkaghat	3	8.35	4.50	0.45	3.40	0.00	1.80
17	Sundarnagar	9	27.57	13.50	1.35	12.72	0.00	5.40
18	Santokhgarh	24	69.51	36.00	3.60	29.91	0.00	14.40
19	Gagret	6	16.50	9.00	0.90	6.60	0.00	3.60
20	Mehatpur Basdehra	27	82.52	40.50	4.05	37.97	0.00	16.20
21	Tahaliwal	36	100.77	54.00	5.40	41.37	0.00	21.60
22	Daulatpur Chowk	17	48.93	25.50	2.55	20.88	0.00	10.20
23	M.C. Rampur,	3	6.62	4.50	0.45	1.67	0.00	1.80
24	N.P.Banjar	1	2.22	1.50	0.15	0.57	0.00	0.60
Total		237	690.10	355.50	35.55	299.05	0.00	142.20

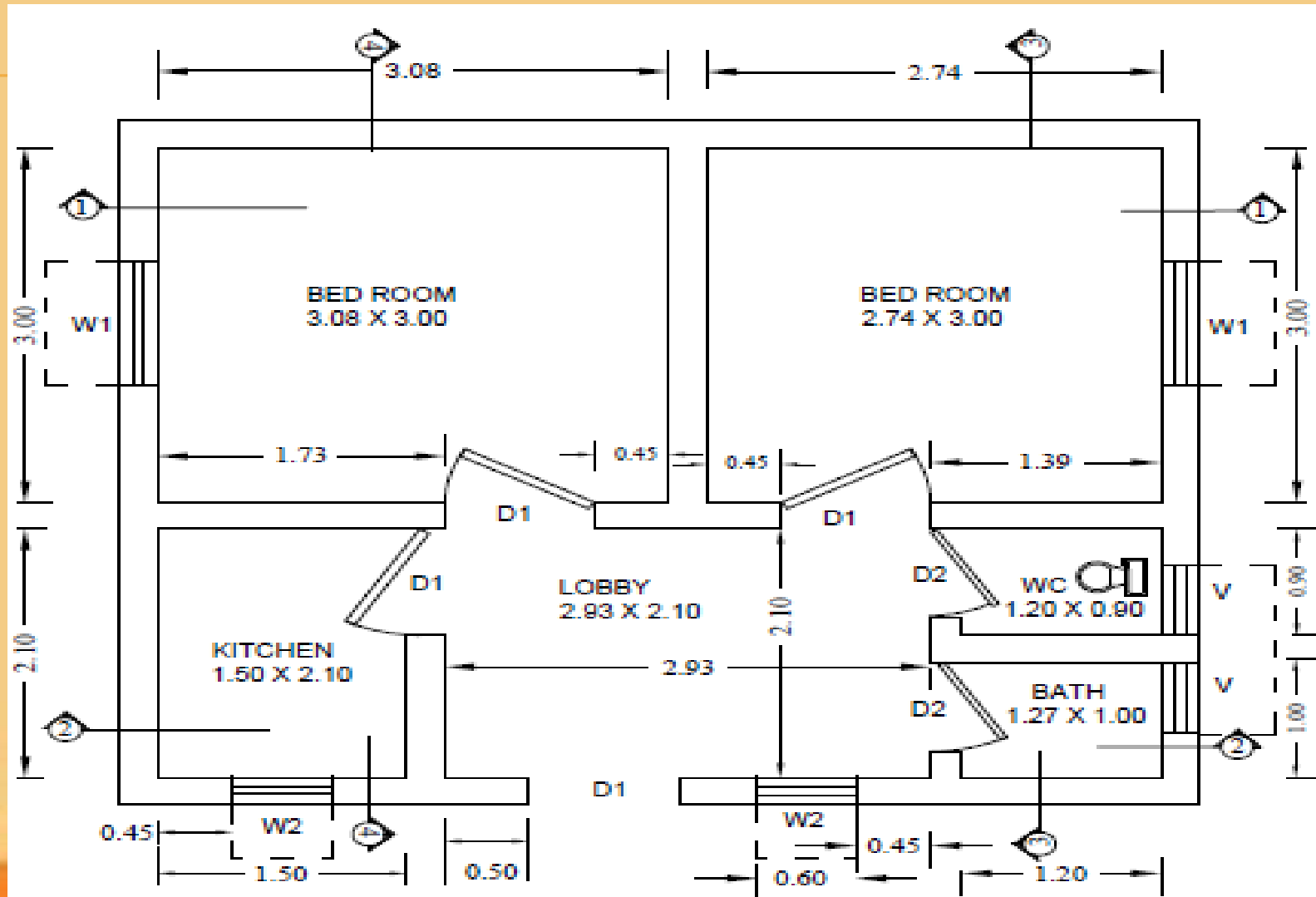
C The Physical Progress (Stage-wise) as per NRSC Bhuvan portal as on 23-03-2018							
S. No.	Name of Urban Local Body	Not Started	Foundation	Lintel	Roof	Completed	Uinque Beneficiary
1	Bilaspur	193	165	156	149	94	170
2	Chamba	82	147	121	77	8	169
3	Hamirpur	13	11	12	9	4	12
4	Dharmasala	96	58	17	47	4	80
5	Kullu	105	63	42	23	10	74
6	Mandi	105	27	25	23	11	78
7	Shimla	44	0	0	4	0	30
8	Nahan	43	5	29	26	2	47
9	Baddi	18	0	0	0	0	17
10	Solan	20	8	6	4	3	14
11	Una	208	166	4	125	58	226
Total		927	650	412	487	194	917

DESIGN SOLUTION

1. Beneficiary will build their own houses with technical support from the ULB who will provide technical guidance to the beneficiaries
2. The ULB will help beneficiaries to adopt Earthquake resilient structure design of the EWS house plans.
3. The structure design has been proposed into three different construction techniques namely **Masonry Construction, Reinforced Concrete Construction and Confined Masonry Construction.**
4. If the beneficiary does not adhere to the pre-approved building plan and changes the plan, then the **masonry construction and confined masonry construction techniques** can be used by the beneficiary and they need not get a new structure design done, instead they may simply adopt the masonry /confined masonry construction techniques which is adaptable to any plan change.

**STRUCTURE DESIGN IN 3
DIFFERENT TECHNIQUES**

MASONRY CONSTRUCTION TECHNIQUE

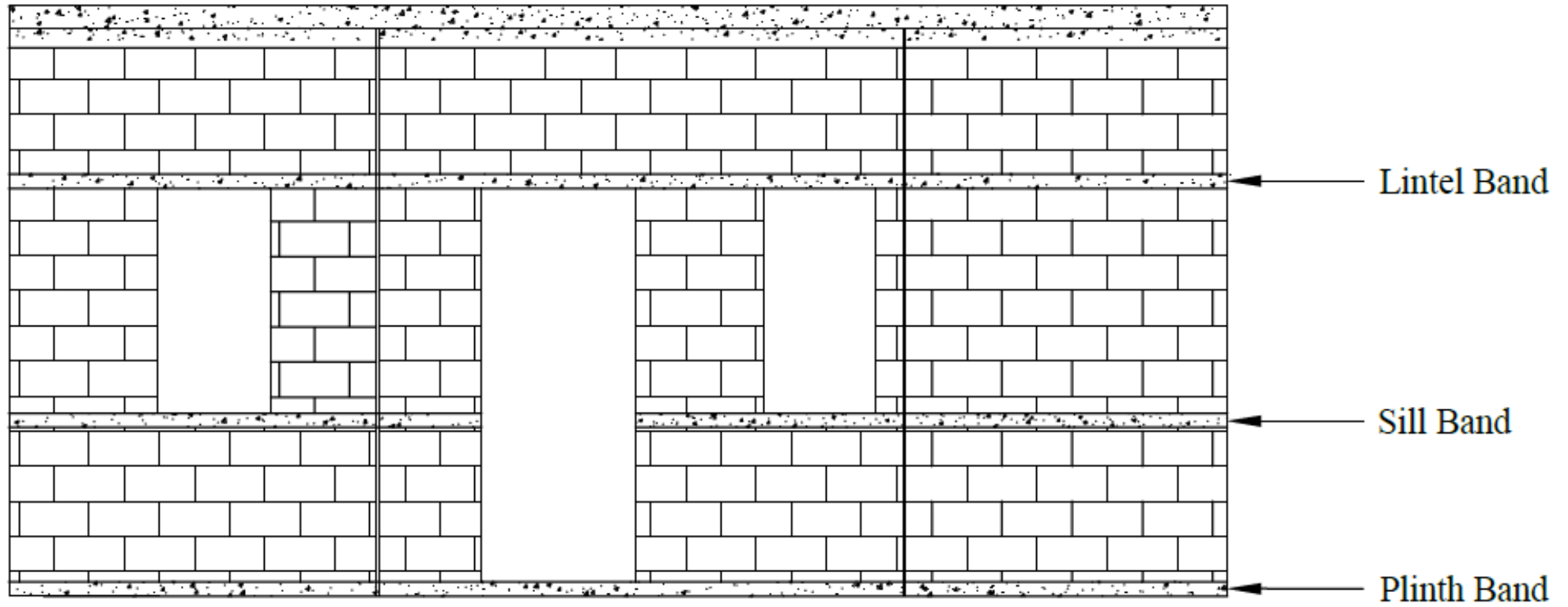


FLOOR PLAN DETAIL

Building up area - 37.67 m²

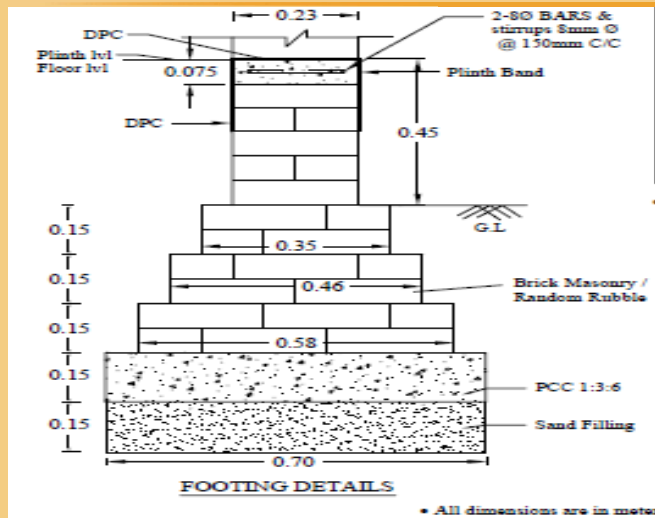
Carpet area - 29.90 m²

MASONRY CONSTRUCTION TECHNIQUE

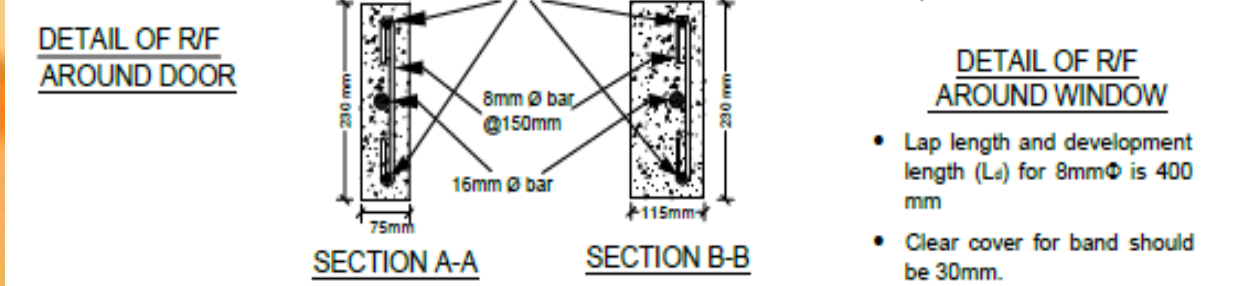
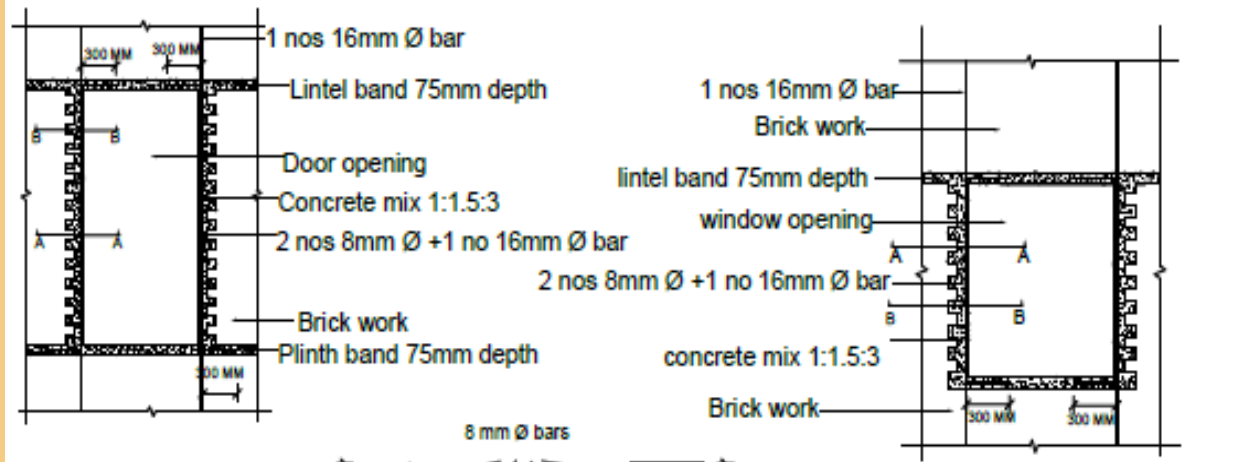
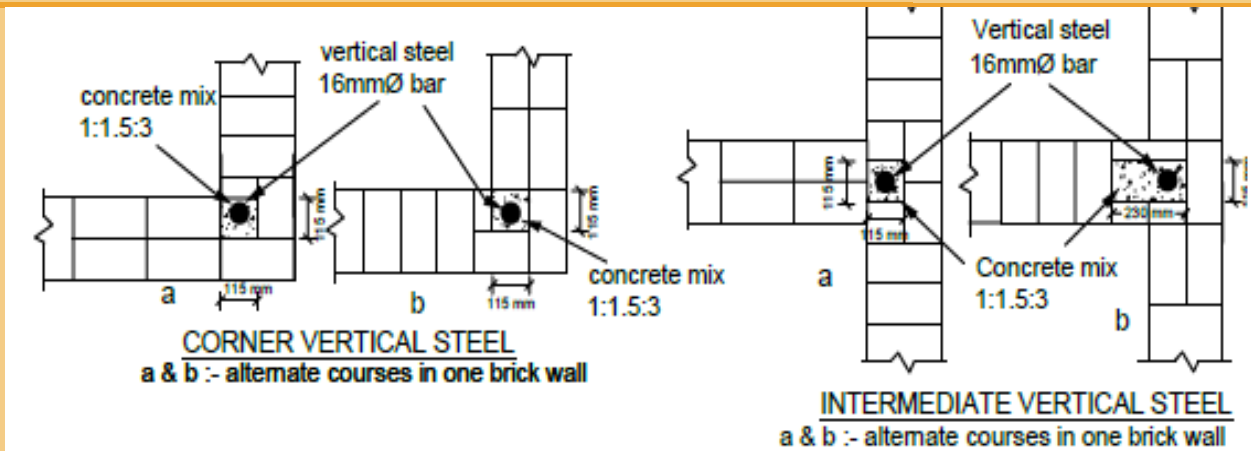
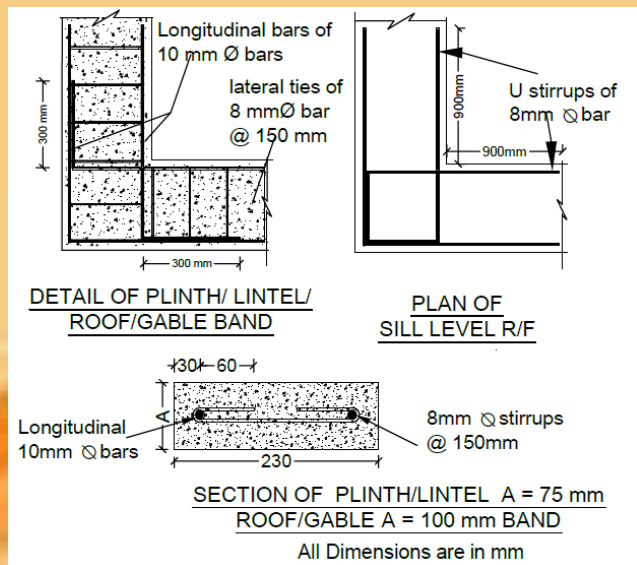


ELEVATION

MASONRY CONSTRUCTION TECHNIQUE



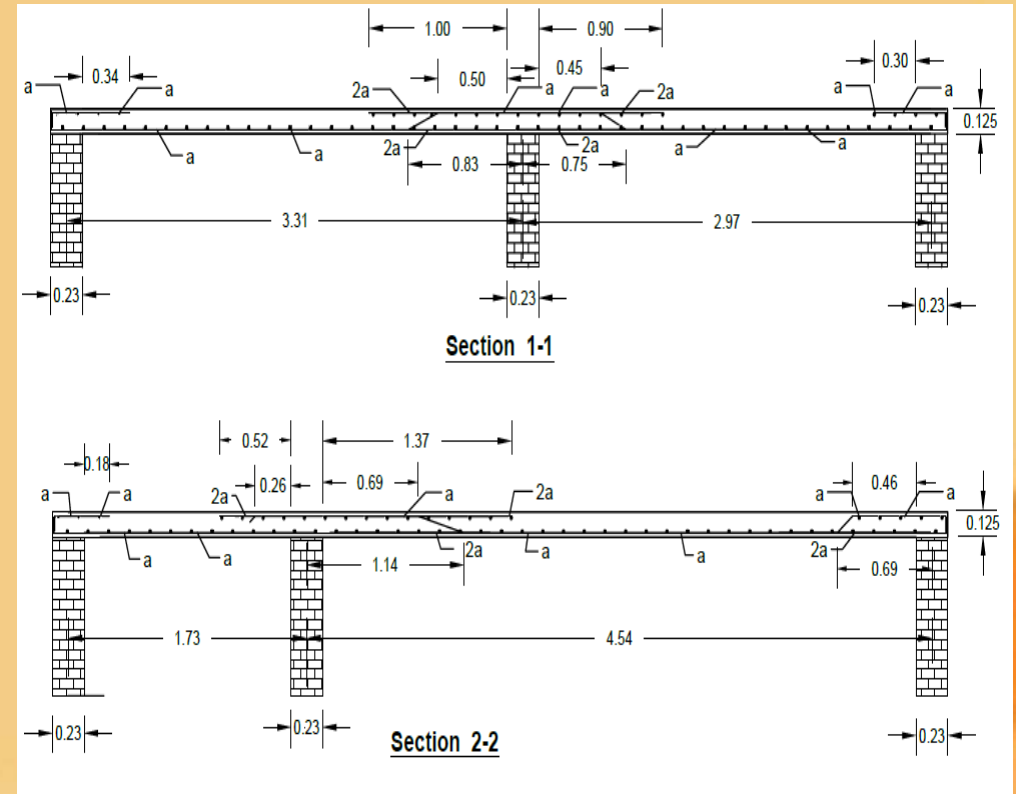
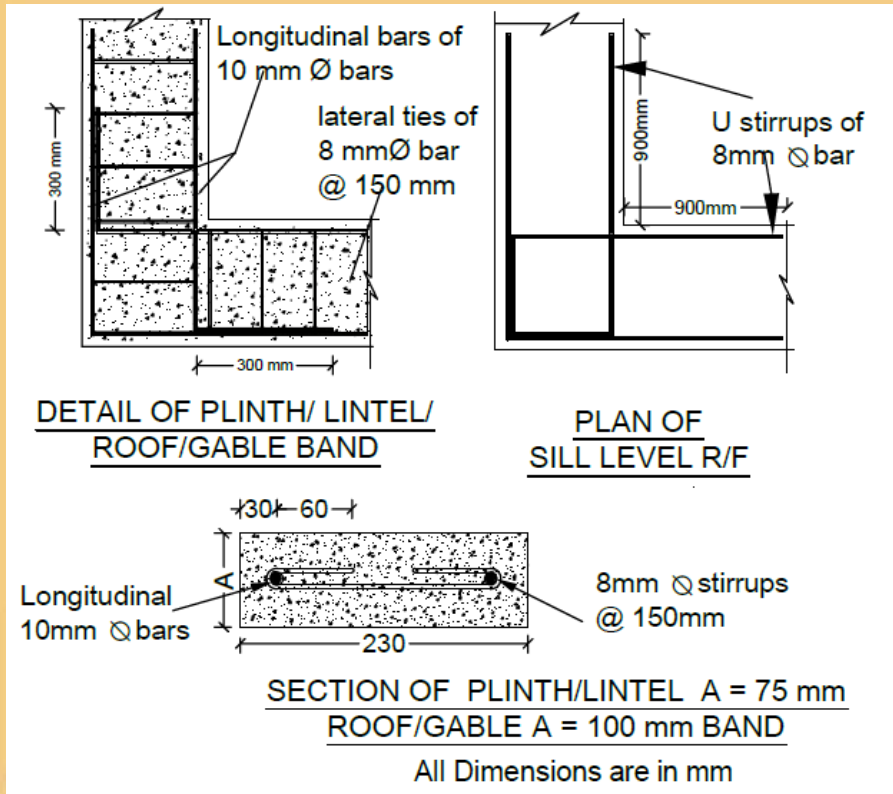
FOOTING DESIGN



- Lap length and development length (L_d) for 8mm Φ is 400 mm
- Clear cover for band should be 30mm.

DETAILS OF THE BANDS, CORNER BARS, REINFORCEMENT AROUND WINDOWS

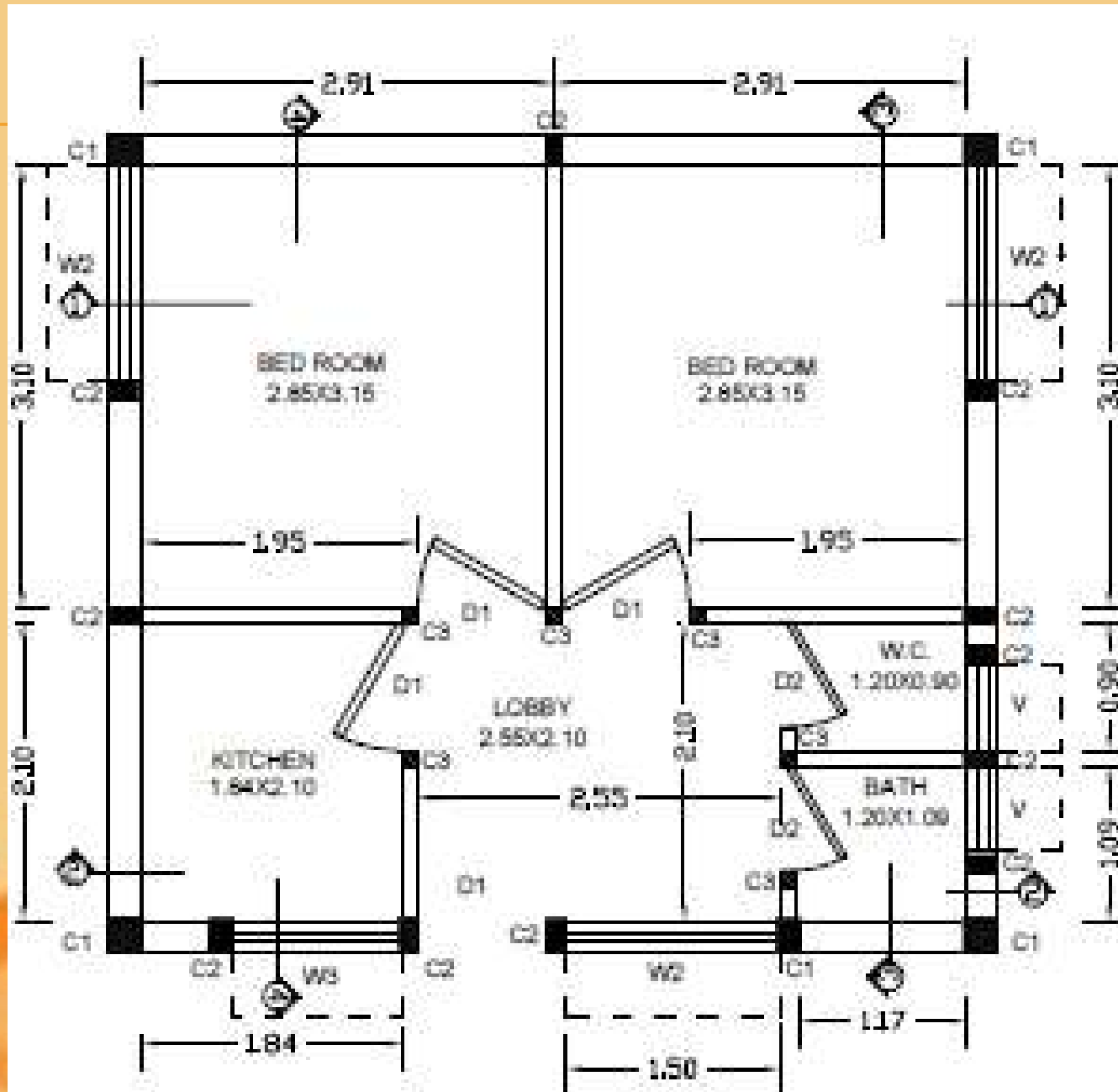
MASONRY CONSTRUCTION TECHNIQUE



**DETAILS OF THE PLINTH
LINTEL/ROOF GABLE BANDS,**

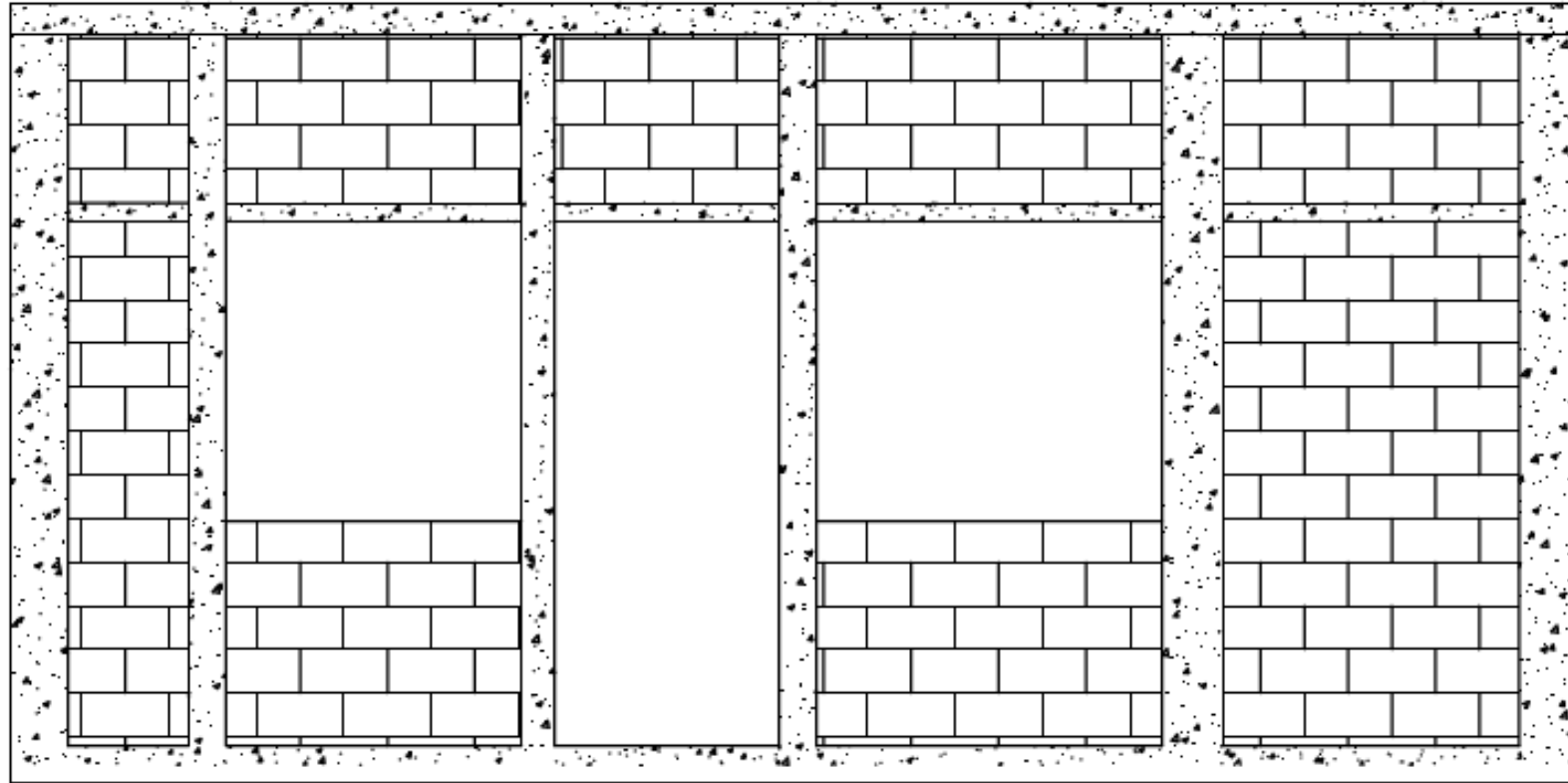
SLAB REINFORCEMENT DETAILS

CONFINED MASONRY CONSTRUCTION TECHNIQUE



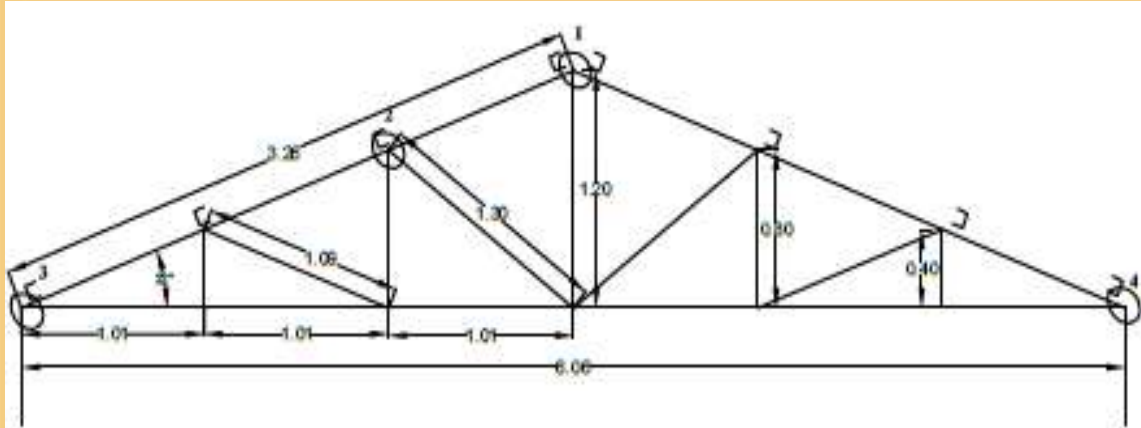
FLOOR PLAN DETAILS

CONFINED MASONRY CONSTRUCTION TECHNIQUE

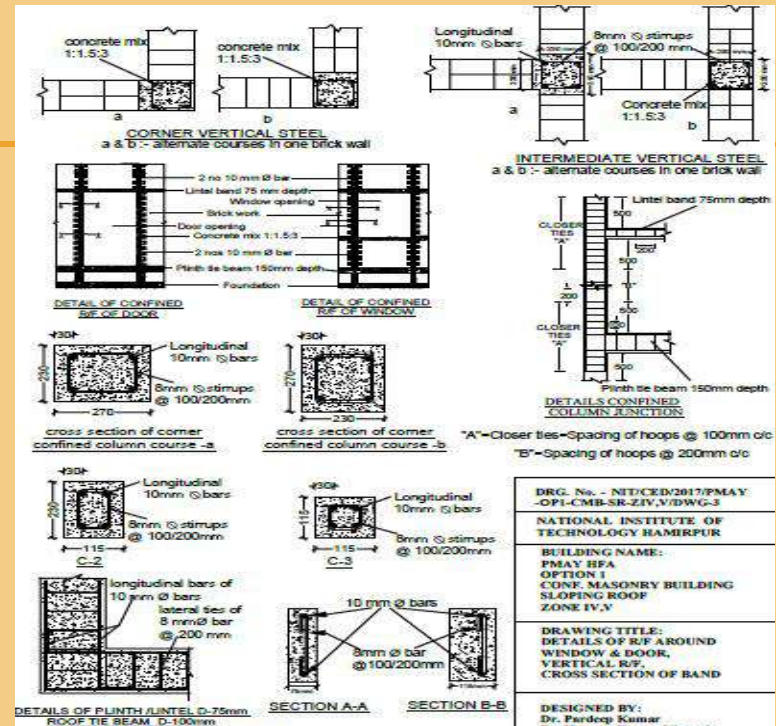


ELEVATION

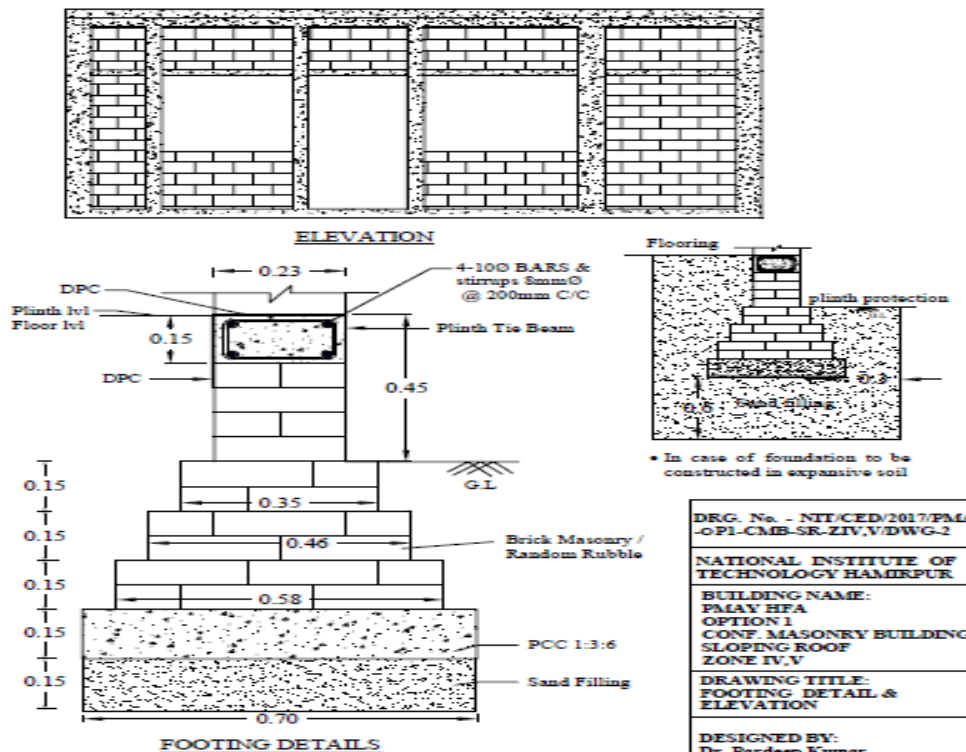
CONFINED MASONRY CONSTRUCTION TECHNIQUE



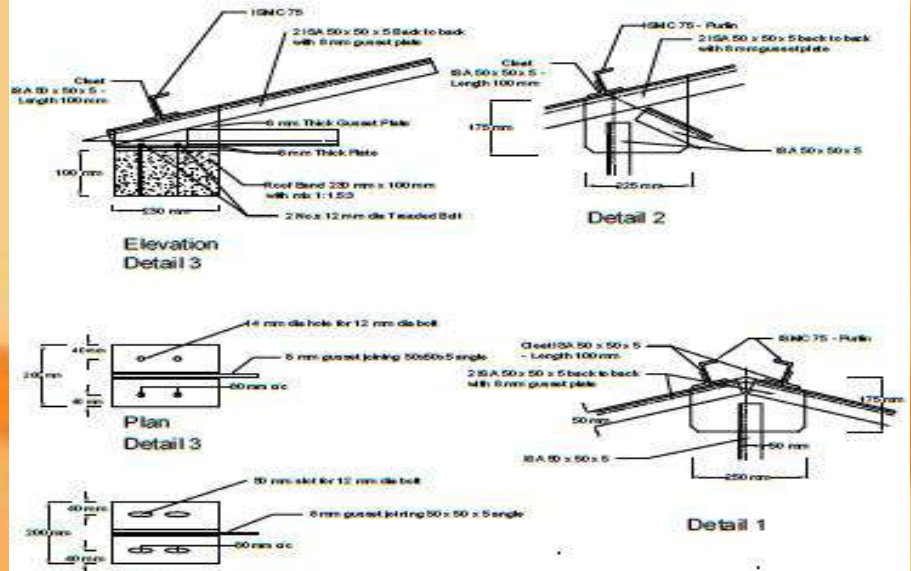
ELEVATION TRUSS



LINTEL / PLINTH BAND DETAILS

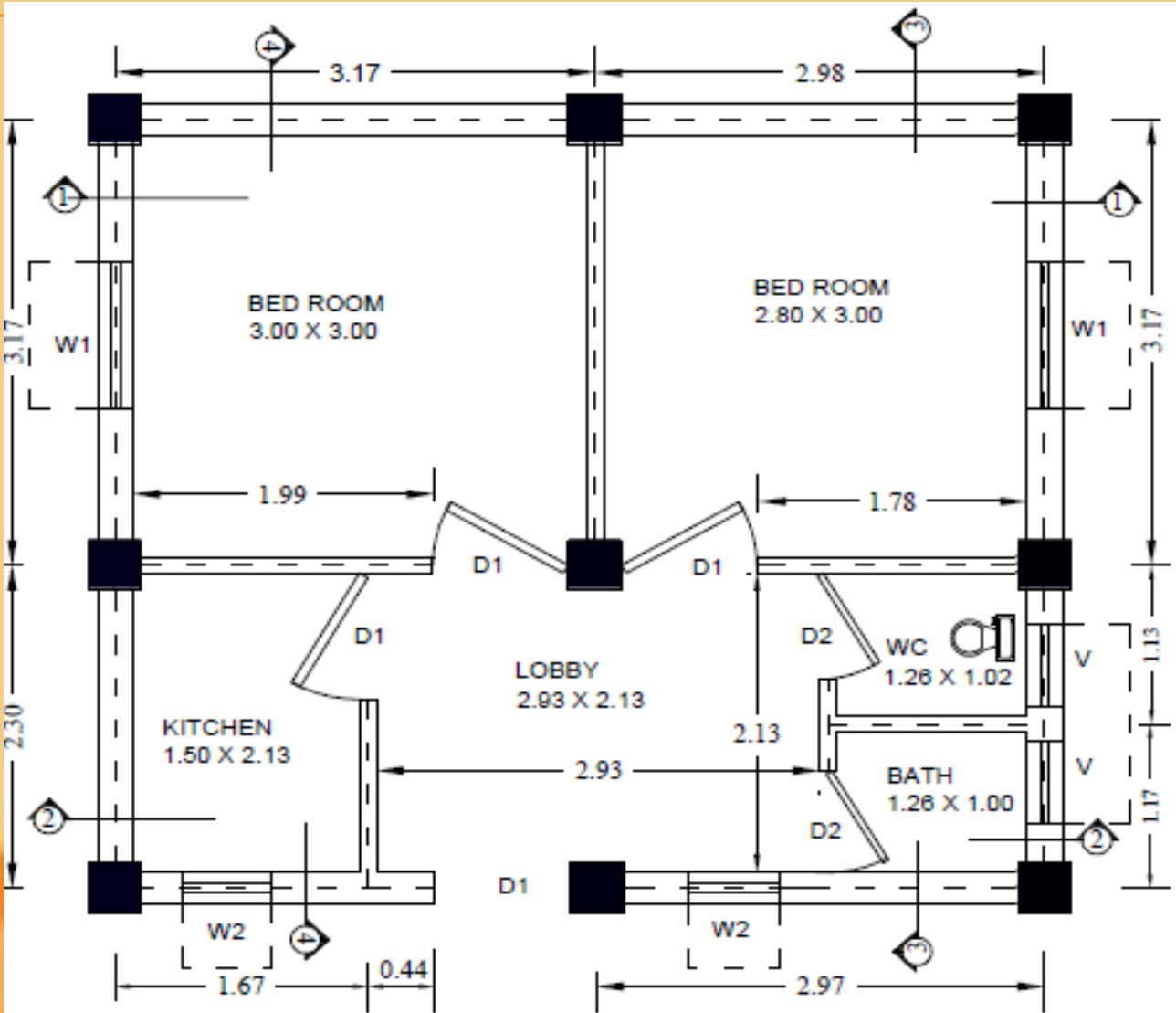


FOOTING DETAILS



SLOPING ROOF TRUSS DETAILS

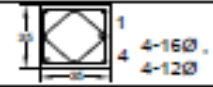
REINFORCED CONCRETE CONSTRUCTION TECHNIQUE



Floor Plan Detail

Building up area 37.80 m²
Carpet area 29.90 m²

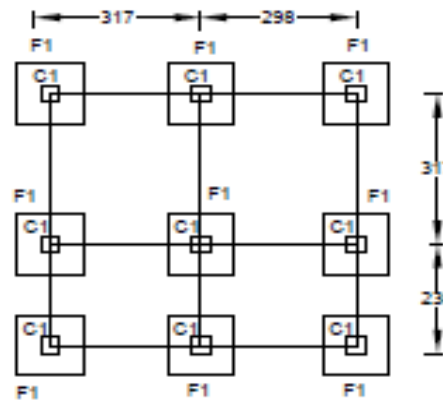
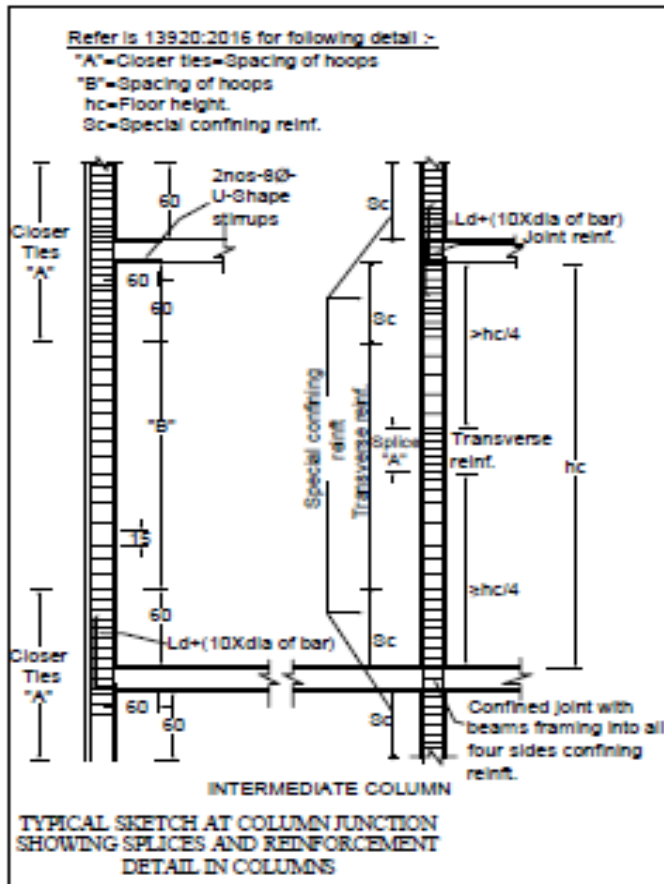
REINFORCED CONCRETE CONSTRUCTION TECHNIQUE

Sl. No.	Column	Transverse reinf.	Sectional plan with longitudinal reinf.
			Footing to roof level
1.	C1	8Ø @ 100 C/C "A" 8Ø @ 150 C/C "B"	

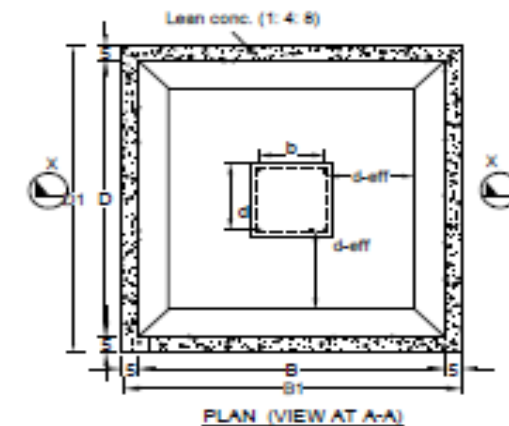
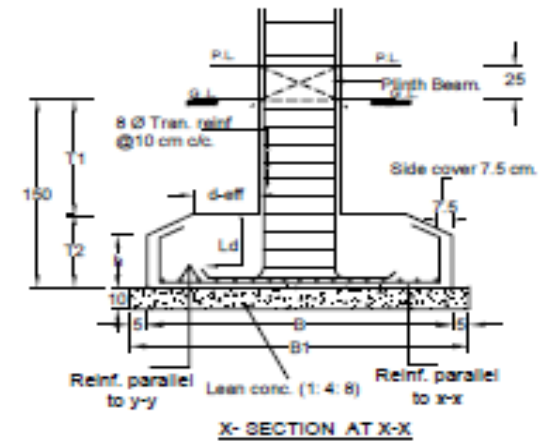
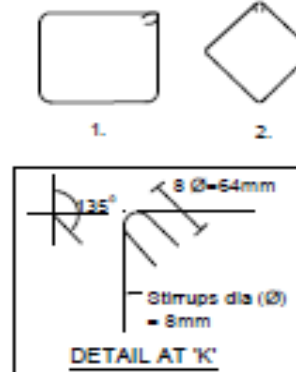
All Column Size are 35cm x 35cm and Grade Is M20

CHART SHOWING DETAIL OF ISOLATED FOOTING REINFORCEMENT

Gr. No.	Name of footing	Size of column (bxh)	Size of footing (BXD)	Size of pit (B1XD1)	Thickness of footing T2	d-eff.	h	Spacing of reinf. parallel to x-x	Spacing of reinf. parallel to y-y
1.	F1	35X35	135X135	145X145	30	25	20	8Ø @ 175mm C/C	8Ø @ 175mm C/C

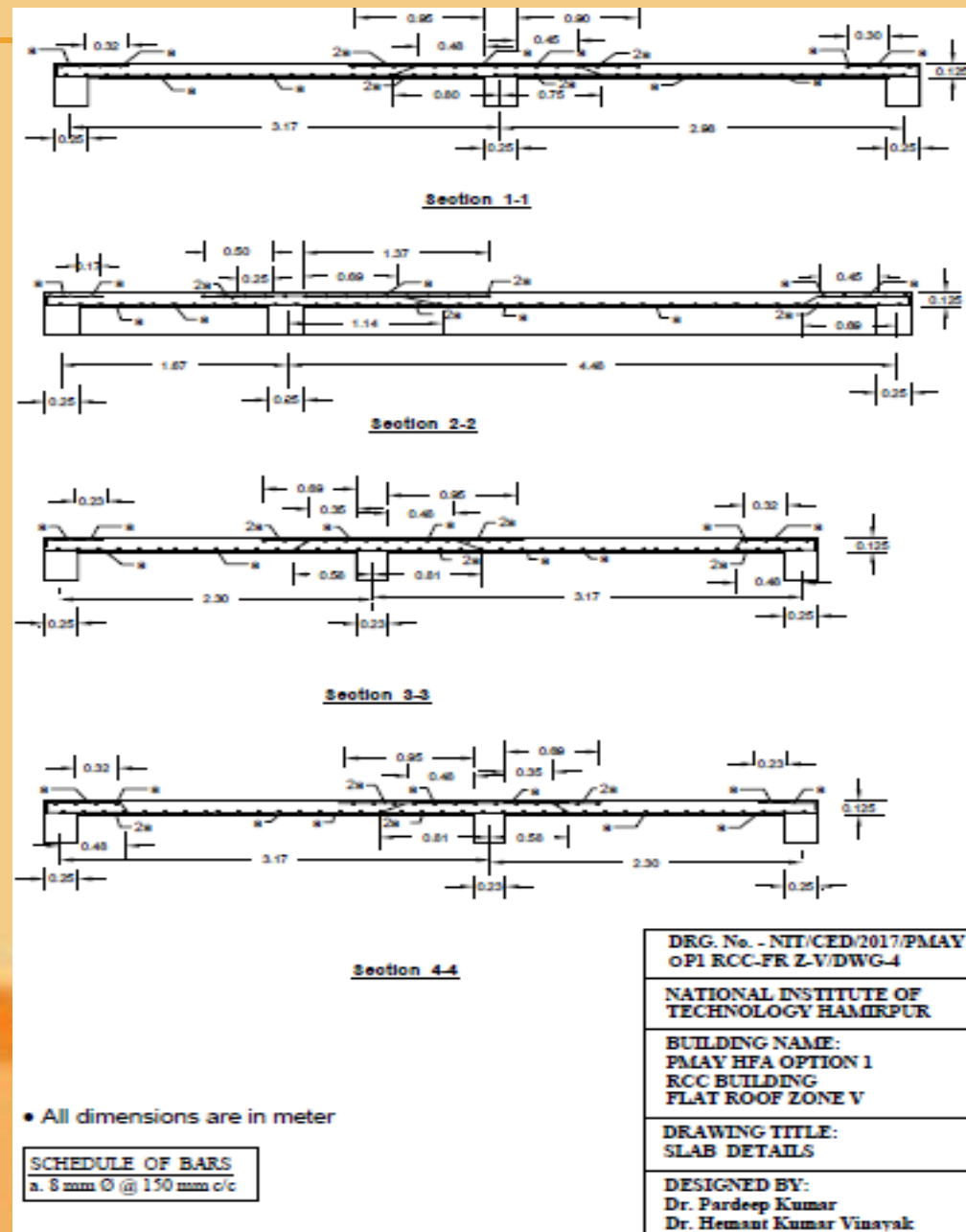
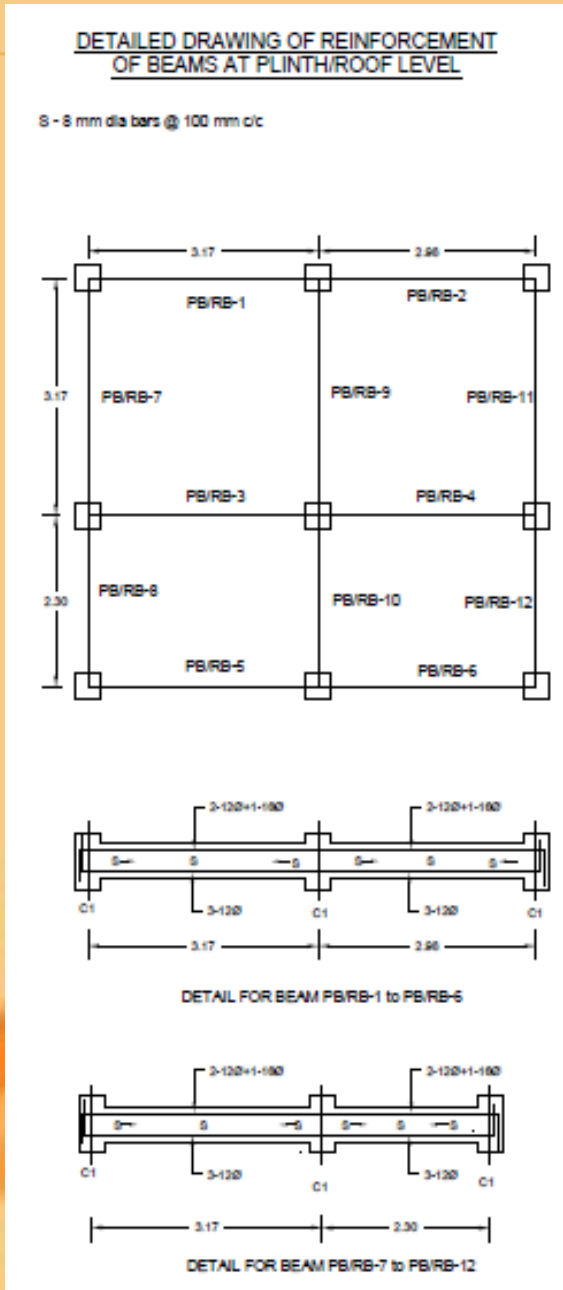


SHAPE OF STIRRUPS



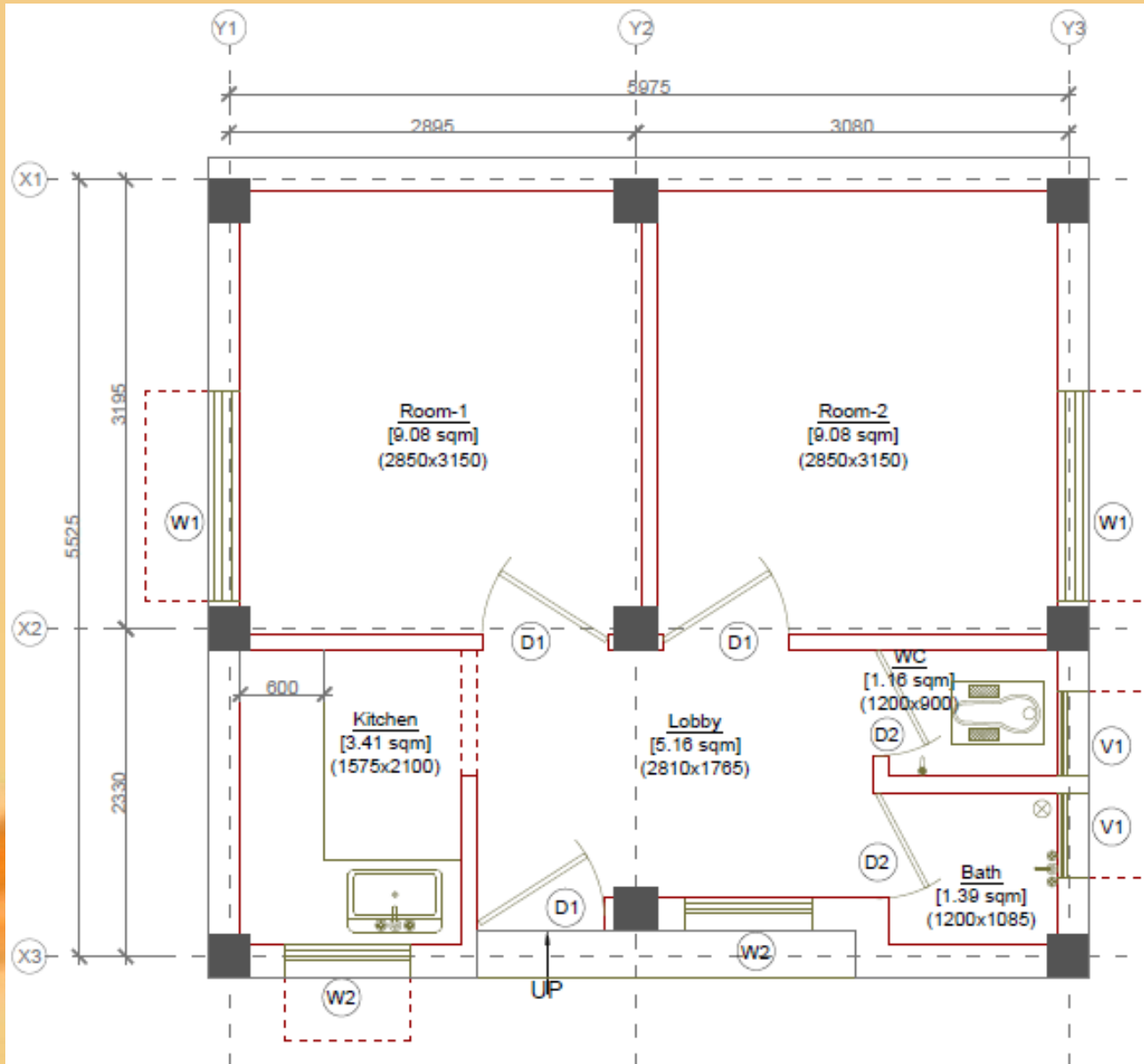
DETAIL OF ISOLATED FOOTING

REINFORCED CONCRETE CONSTRUCTION TECHNIQUE



**PRE-APPROVED BUILDING PLAN OPTIONS FOR
EWS HOUSES UNDER BENEFICIARY LED
CONSTRUCTION**

OPTION 1



Schedule of Doors & Windows;

Name	Lintel Lvl	Width	Sill Lvl	Description
D1	2100	900	--	
D2	2100	750	--	PVC Door
W1	2100	1500	900	
W2	2100	900	900	
V1	2100	600	1650	

Note

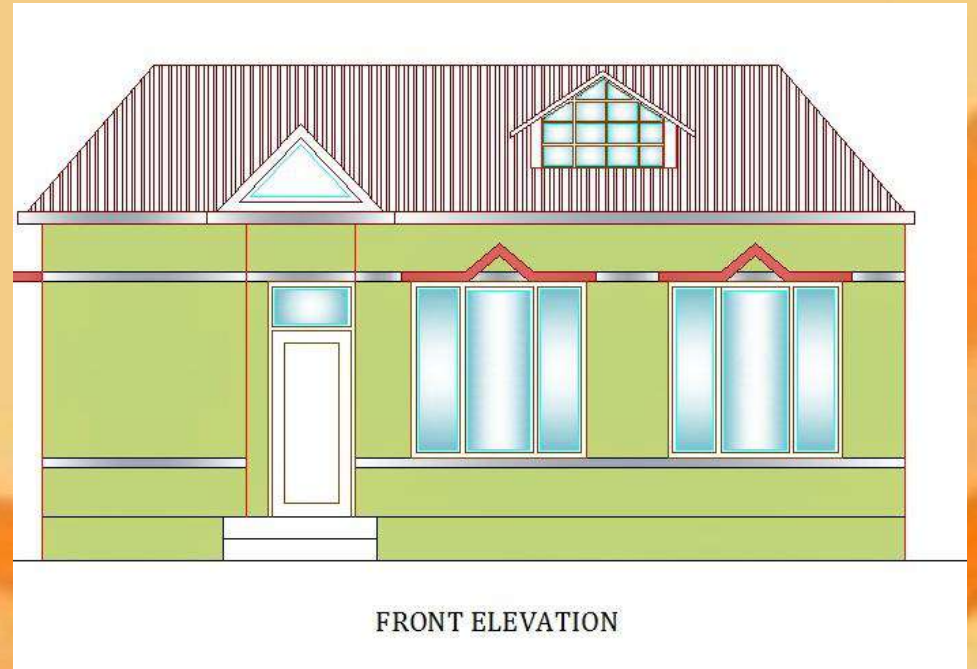
- Column size = 300 x300
- Clear height of DU = 2850
- Lintel projections over opening = 450 x opening width
- Earthquake resistance structure as per site conditions.

Total Built-up Area = 35.64 SQM
Total Carpet Area = 29.29 SQM

All dimensions are in Millimeters (MM)



TOTAL BUILD UP AREA = 38.20 sqm.
TOTAL CARPET AREA = 29.55 sqm.



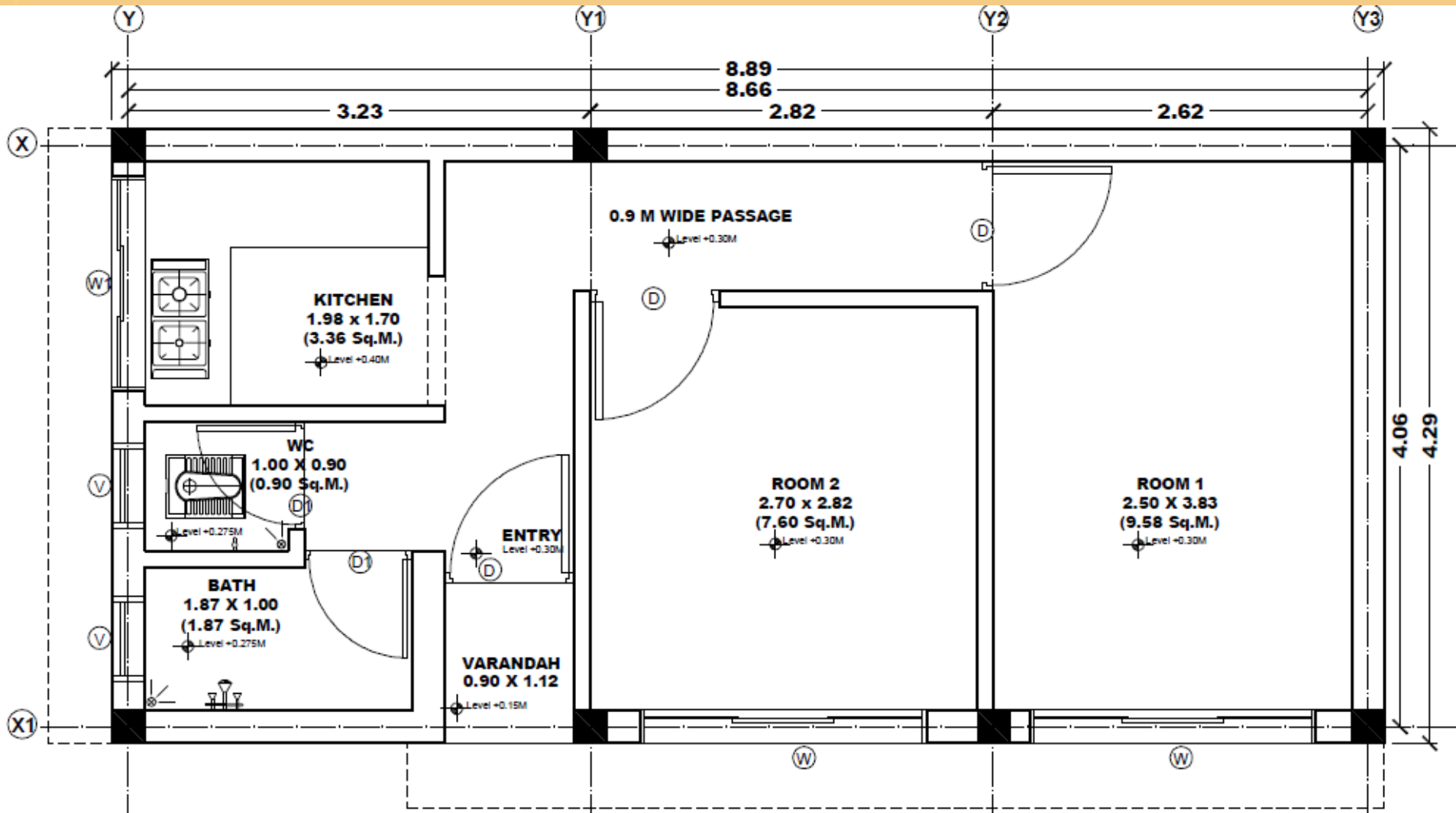
3 D VIEW IN SLOPING ROOF



3 D VIEW IN FLAT ROOF



OPTION 2



Total Built-up Area = 38.20 SQM
 Total Carpet Area = 29.55 SQM

OPTION 2



TOTAL BUILD UP AREA = 35.64 SQM.
TOTAL CARPET AREA = 29.29 SQM.

This is a single storey 1bhk house plan which can be accommodated on a small plot. The built-up area totals up to 35.64 Sqm.



FRONT ELEVATION

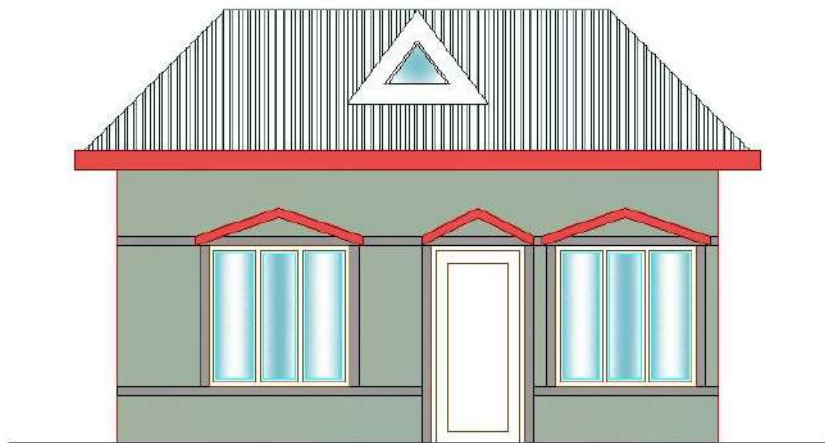
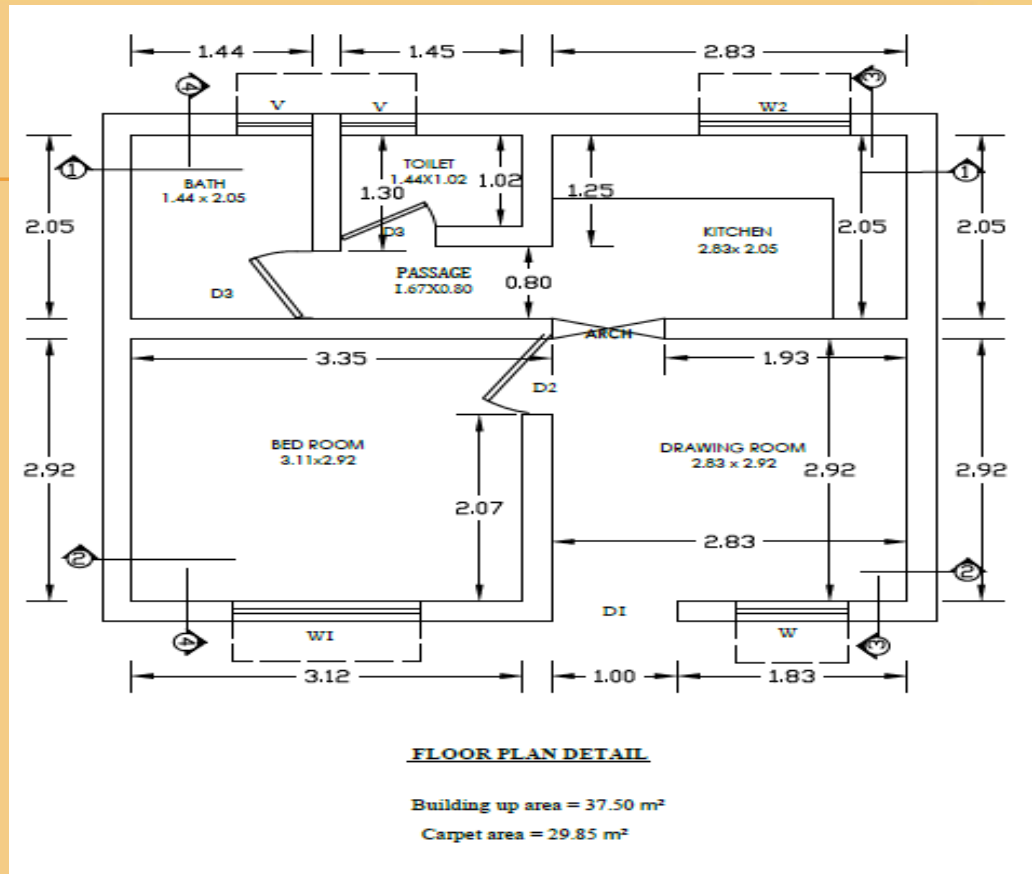
OPTION 2

3 D VIEW IN SLOPING ROOF



3 D VIEW IN FLAT ROOF

OPTION 3



FRONT ELEVATION

TOTAL BUILD UP AREA = 34.56 SQM.
TOTAL CARPET AREA = 27.78 SQM.

OPTION 3

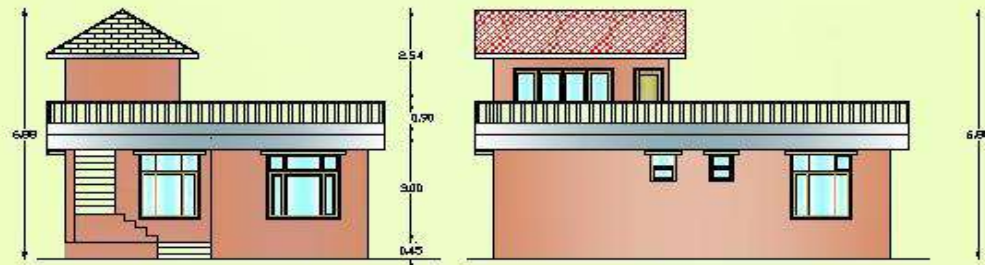


3 D VIEW IN SLOPING ROOF

LIG HOUSE DESIGNS

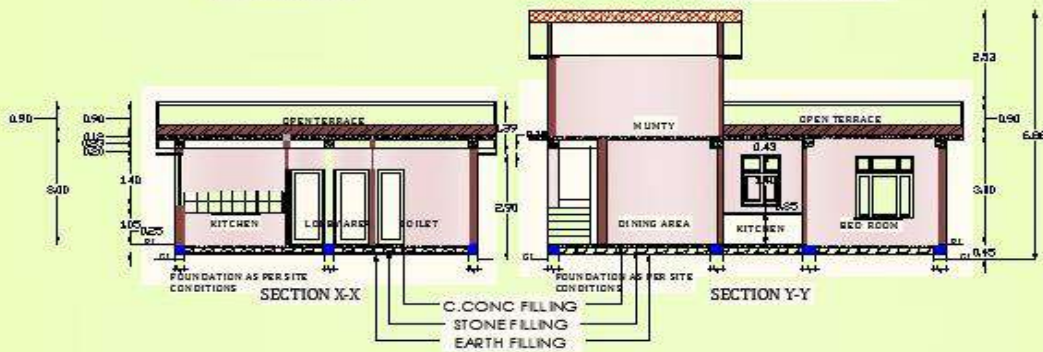
APPROVED BY TCP

Department has got plans approved for Lower Income Group beneficiary to facilitate the beneficiary in fast tracking the loan approval from the banks under Credit Linked Subsidy Scheme component of PMAY.



FRONT ELEVATION

RIGHT SIDE ELEVATION

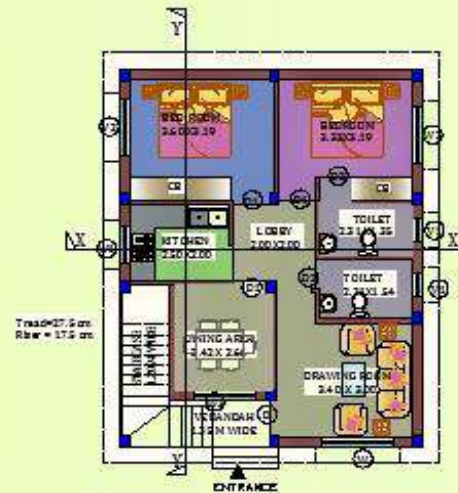


SECTION X-X

SECTION Y-Y



LIG UNIT DU PLAN (OPTION 1)



Tread=27.5 cm

Rise = 17.5 cm

Total Built up Area = 74.06 SQM

Total Carpet Area = 54.42 SQM

All dimensions are in meters @0

Schedule of Doors and Windows

Sl. No.	Unit Lx	GL. H	GL. Lx	Description
01	2.45	1.81	---	
02	2.30	0.90	---	
03	2.30	0.75	---	
04	2.45	1.81	1.20	
05	2.45	1.81	1.85	
06	2.45	1.81	1.20	
07	2.45	0.90	1.70	

Unit Projection over opening = 0.45 M

Earthquake resistance structure as per site conditions

LIG UNIT DU PLAN (OPTION 2)



Schedule of Doors and Windows

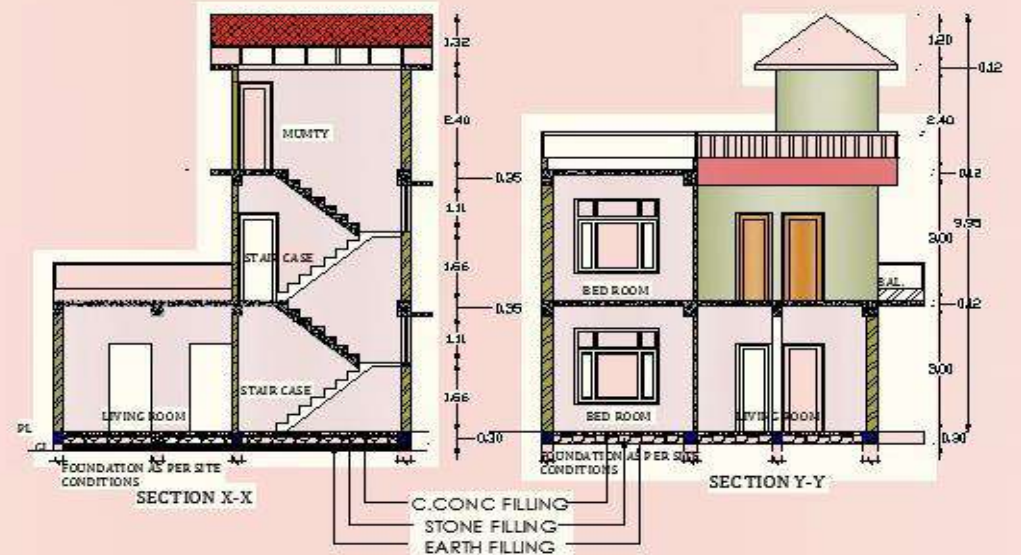
Name	Lintel Lvl	Width	SR. Lvl	Description
D	2.45	1.80	-	
D1	2.40	0.90	-	
D2	2.30	0.75	-	
D3	2.45	0.85	-	
W	2.45	1.80	0.60	
W1	2.45	1.60	1.05	
WE	L30 above landing	1.20	-	
W1	2.45	0.60	1.75	

Note:
 Lintel Projections over opening = 0.450 M
 Earthquake resistance structure as per site conditions

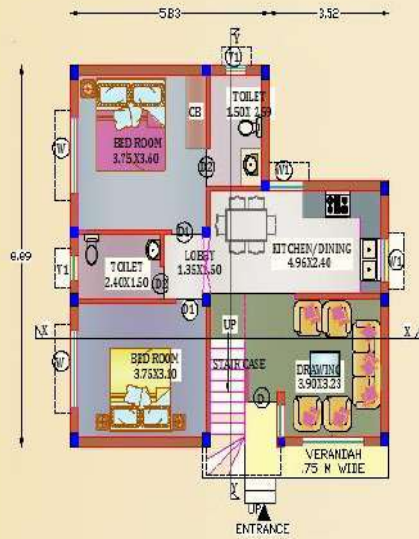
Total Built up Area incl staircase = 57.35 SQM
 Total Carpet Area = 48.73 SQM
 All dimensions are in meters (M)



LIG UNIT DU PLAN (OPTION 2)



LIG UNIT DU PLAN (OPTION 3)



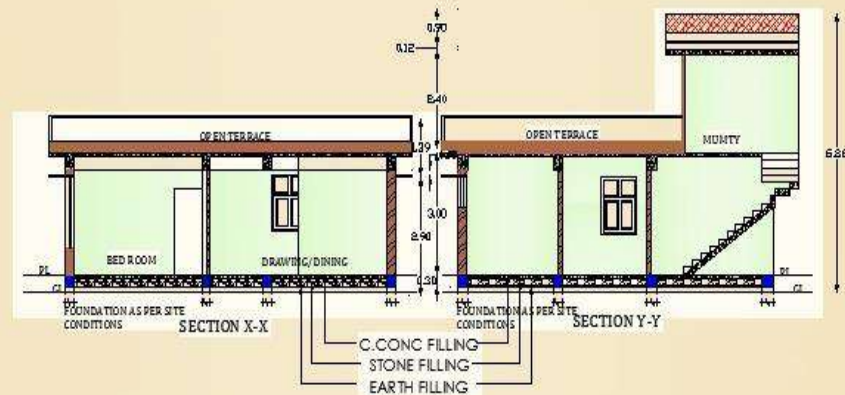
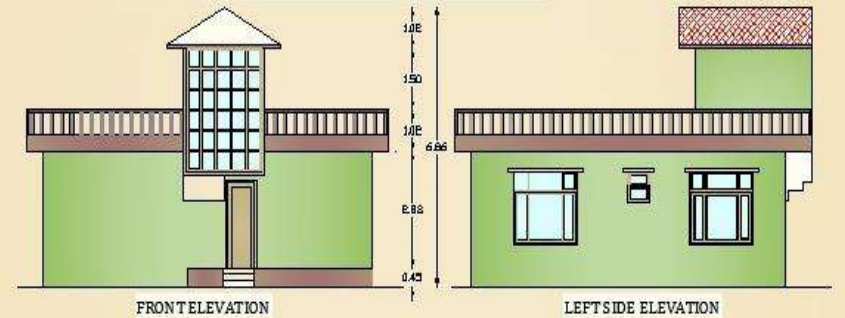
Total Built up Area = 78.445 QM
 Total Carpet Area = 55.10 SQM
 All dimensions are in Meters (M)

Schedule of Doors and Windows				
Name	Lintel Lvl	width	Sill Lvl	Description
D	2.45	1.00	-	
D1	2.30	0.90	-	
D2	2.30	0.75	-	
W	2.45	1.80	0.60	
W1	2.45	1.00	1.15	
W1	2.45	0.60	1.70	

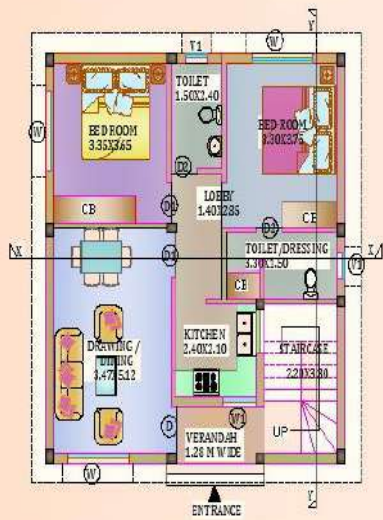
Note:
 Lintel Projections over opening = 450 M
 Earthquake resistance structure as per site conditions



LIG UNIT DU PLAN (OPTION 3)



LIG UNIT DU PLAN (OPTION 4)



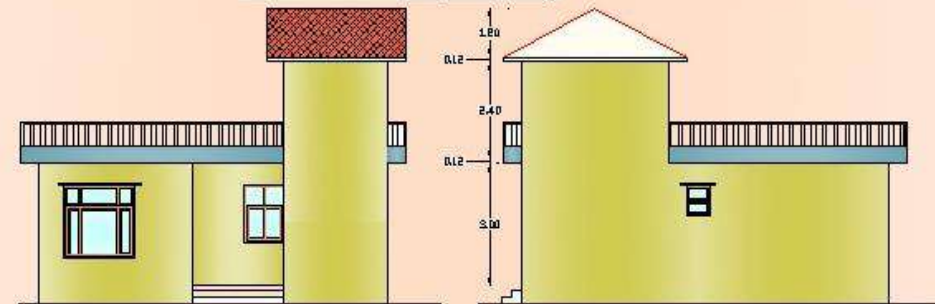
Total Built up Area = 6173 SQM
 Total Carpet Area = 5941 SQM
 All dimensions are in meters!M0

Schedule of Doors and Windows				
Name	Lintel Lvl	width	Sill Lvl	Description
D	2450	1010	-	
DI	2100	900	-	
DE	2100	750	-	
W	2450	1800	600	
V1	2430	1010	1650	
V1	2450	600	1700	

Note Column size = 250 x 300
 Clear height of DU = 2850
 Lintel Projections over opening = 450 x opening width
 Earthquake resistance structure as per site conditions

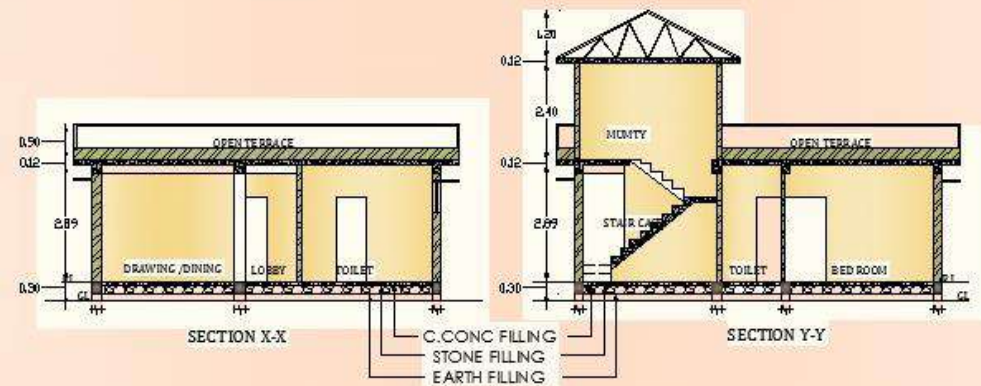


LIG UNIT DU PLAN (OPTION 4)



FRONT ELEVATION

SIDE ELEVATION



SECTION X-X

SECTION Y-Y

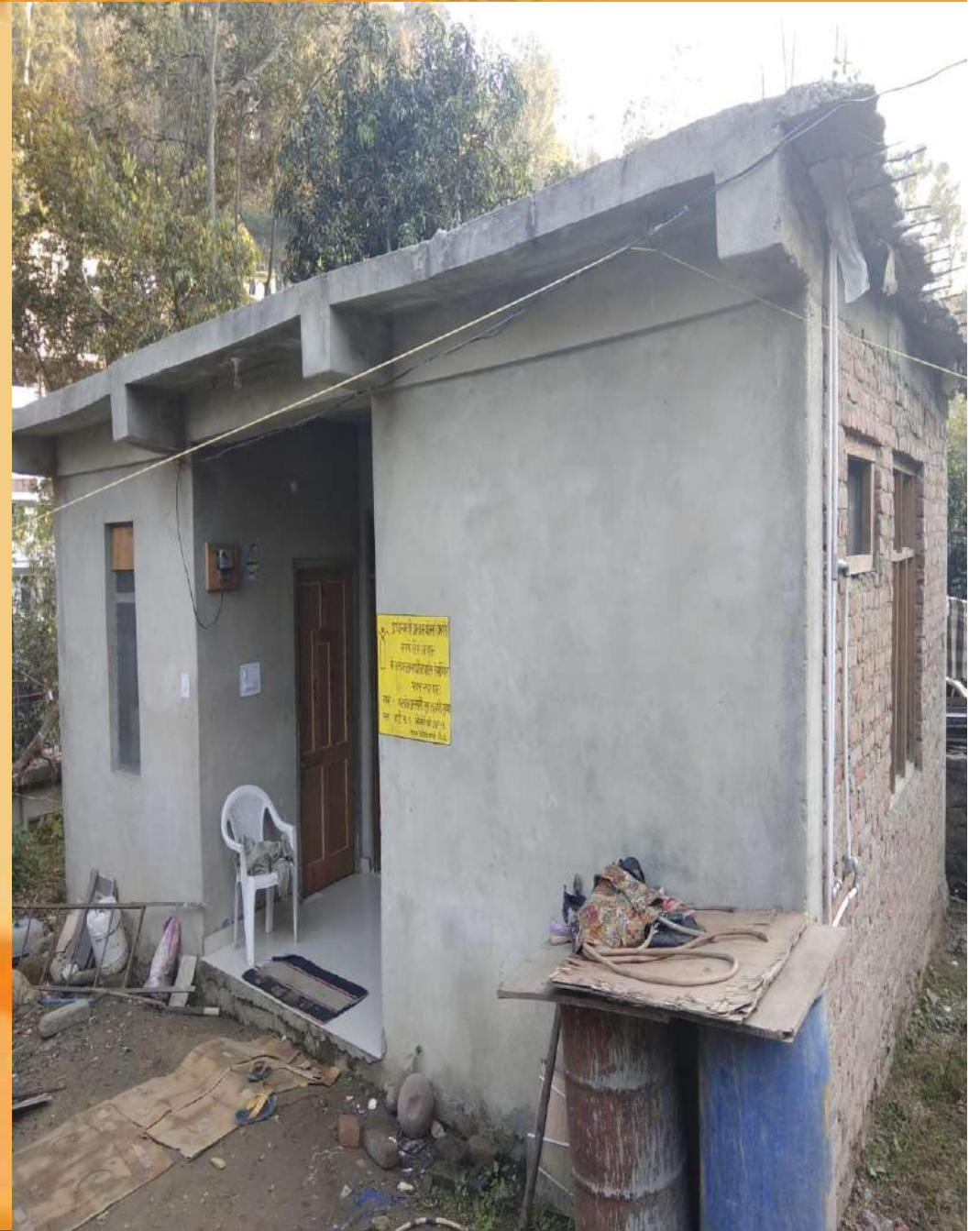
C. CONC FILLING
 STONE FILLING
 EARTH FILLING



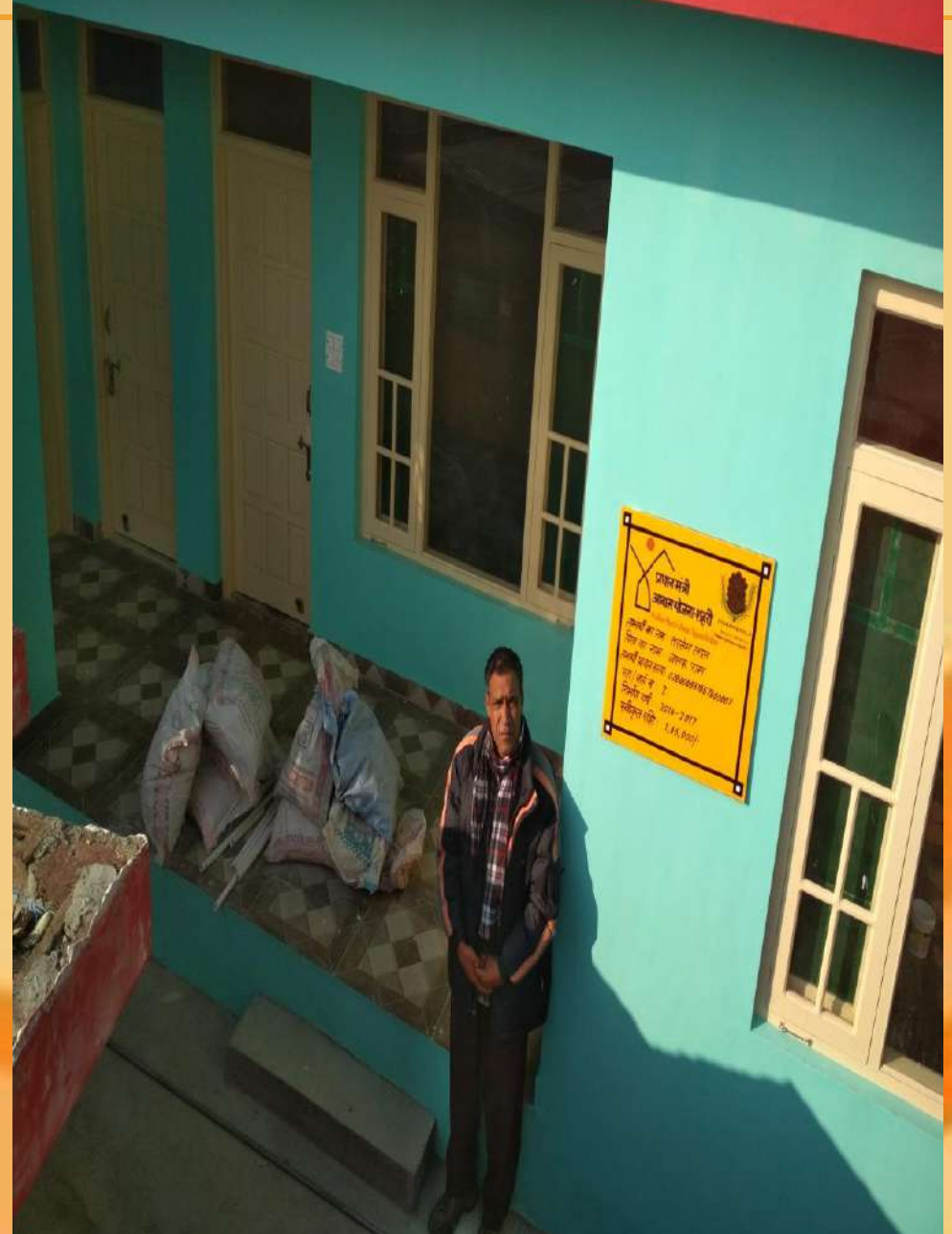
Municipal Council Bilaspur Houses Constructed Under PMAY-HFA



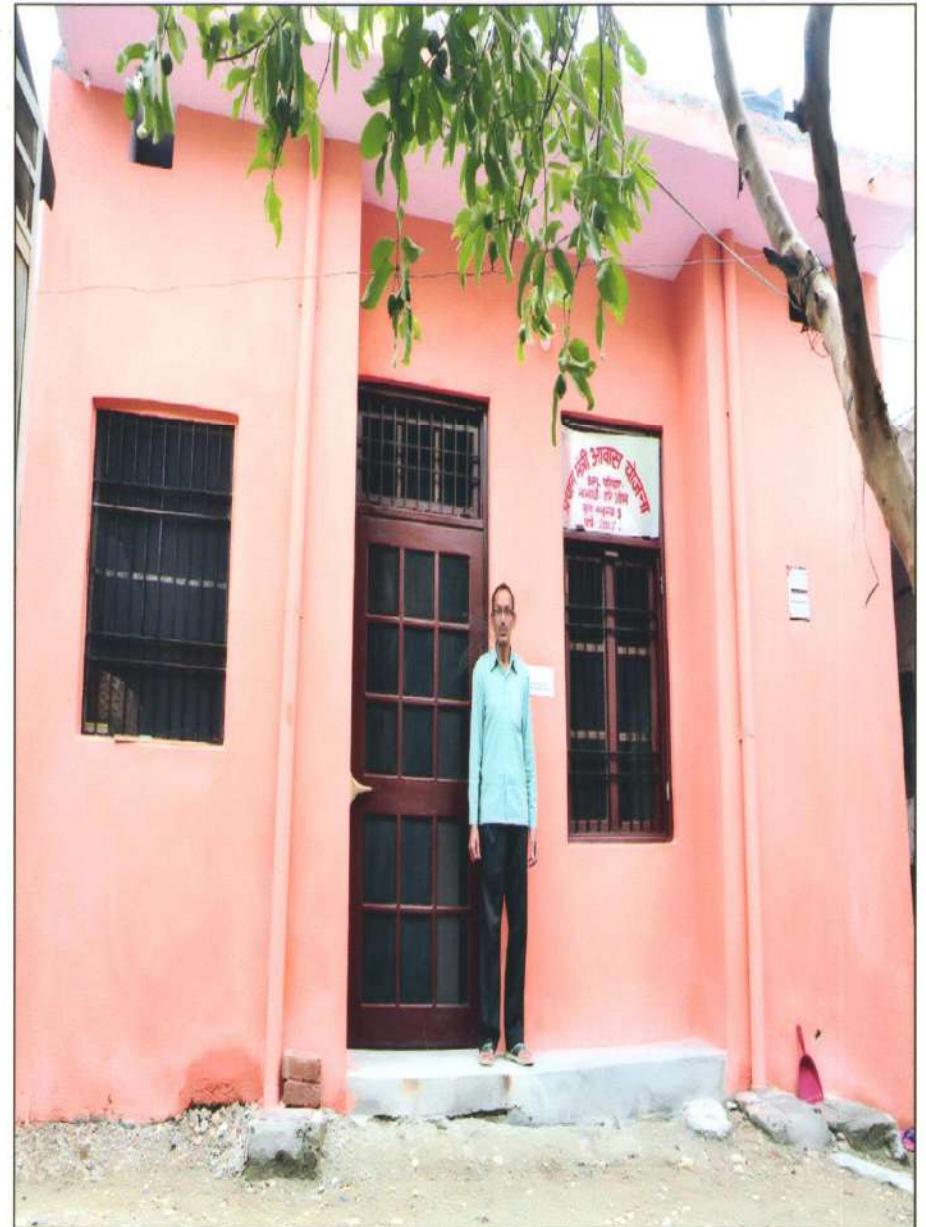
MUNICIPAL COUNCIL MANDI - HOUSES CONSTRUCTED UNDER PMAY



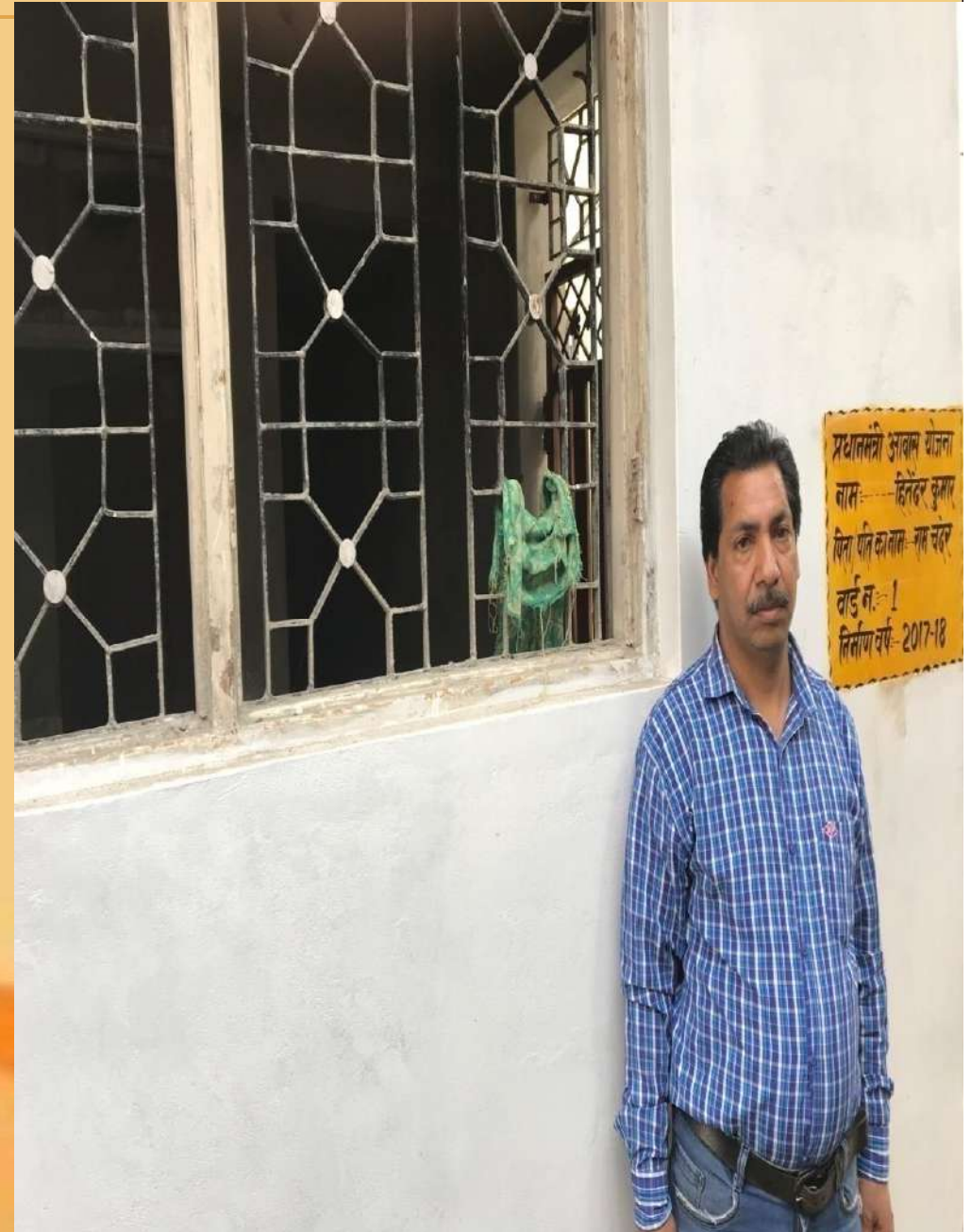
Municipal Corporation Daramshala Houses Constructed Under PMAY-HFA



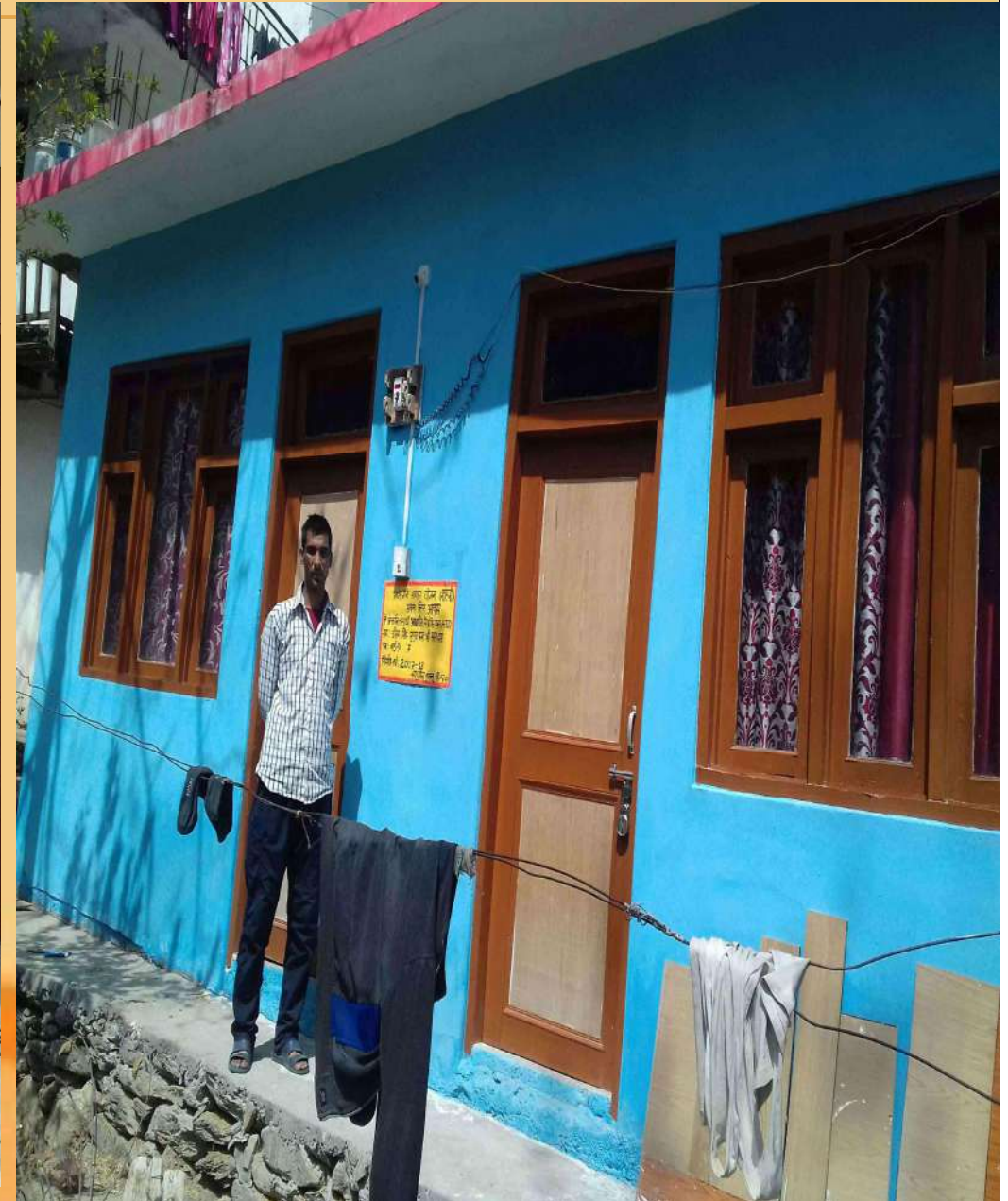
MUNICIPAL COUNCIL UNA HOUSES CONSTRUCTED UNDER PMAY



MUNICIPAL COUNCIL NAHAN HOUSES CONSTRUCTED UNDER PMAY



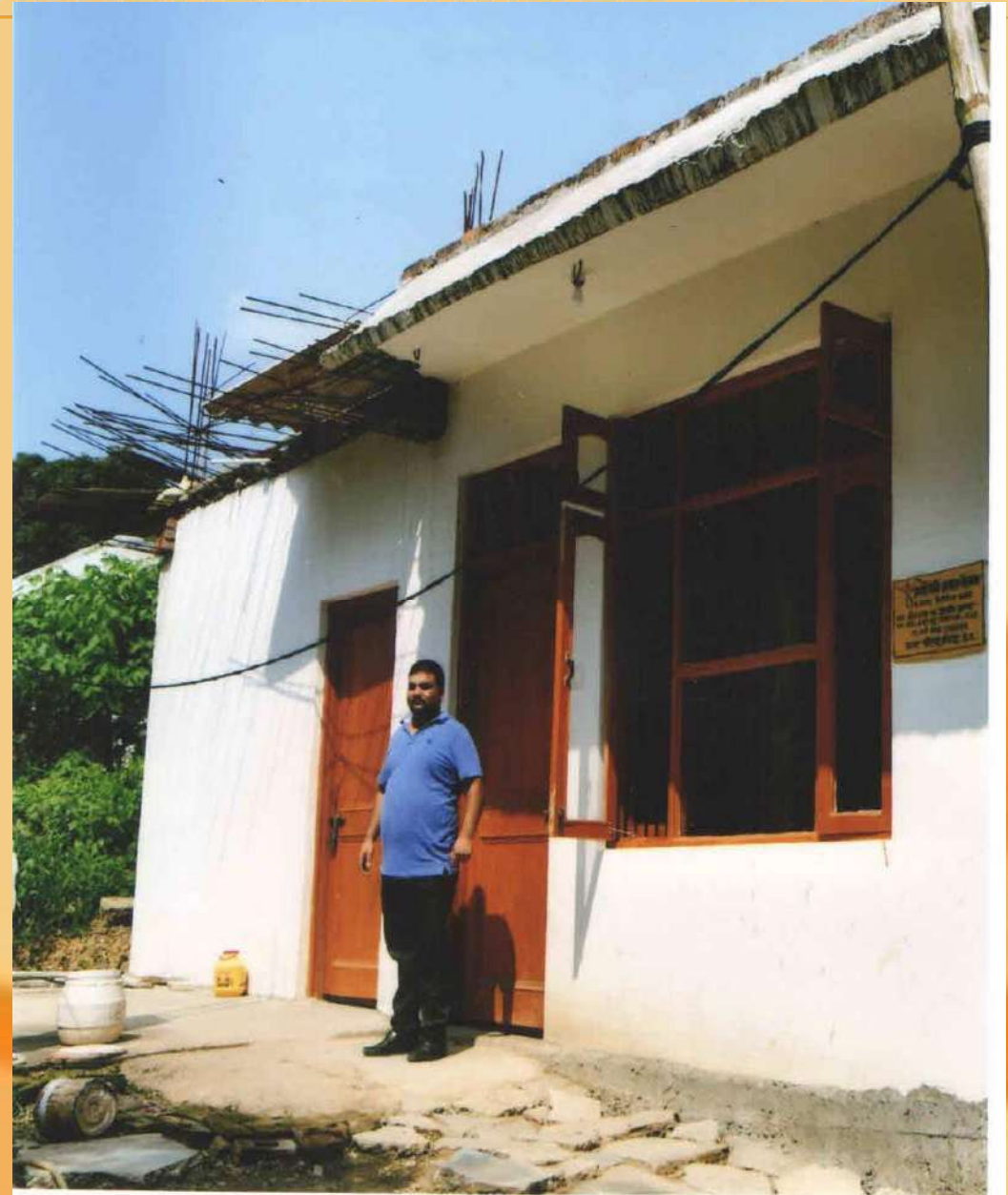
MUNICIPAL COUNCIL KULLU HOUSES CONSTRUCTED UNDER PMAY



MUNICIPAL COUNCIL CHAMBA HOUSES CONSTRUCTED UNDER PMAY



MUNICIPAL COUNCIL HAMIRPUR - HOUSES CONSTRUCTED UNDER PMAY



ANNUAL CAPACITY BUILDING PLAN 2018-19 (HIMACHAL PRADESH)

✘ Total Budget proposed

Sl. No.	Activity	State Share	Central Share	Total
1	Establishment of SLTC	714000	6426000	7140000
2	Establishment of CLTC	2808000	25272000	28080000
3	Trainings and workshops		8600000	8600000
4	Exposure Visits		900000	900000
5	Documentations/Research			500000
6	IEC			1800000
7	TPQM			3000000
8	Social Audit			350000
9	Geo-Tagging (77,688 Dus@Rs200/- per DU)			900000
	Total			50370000

STATUS OF IHSDP PROJECTS

Sr. No.	Name Town/ Constituency	Date of Approval	Approved Project Cost (Rs. In lacs)	1 st Installment including State Share	Expenditure Incurred	Latest Status of Project
1	Hamirpur	27.02.2008	443.32	443.33	443.32	Presently 72 Dwelling Units Completed which are yet to be handed over to MC Hamirpur by HIMUDA.
2	Dharamshala	27.02.2008	942.31	365.53	1043.23	153 Dwelling Units are near competition and 100 DUs will be handed over to the beneficiaries soon.
3	Solan	27.02.2008	958.3	362.22	362.22	96 Dwelling Units are under construction and will be completed soon.
4	Parwanoo	21.02.2009	1167.98	1167.98	1167.98	59 Dwelling Units have been allotted to beneficiaries and 153 will be allotted soon.
5	Nalagarh	21.02.2009	546.59	546.59	546.59	96 Dwelling units have been allotted to the beneficiaries are near completion and are yet to be handed over by HIMUDA to Municipal Council Nalagarh for further allotment to the beneficiaries.
6	Sundernagar	25.02.2011	998.91	998.91	998.91	These dwelling units are constructed by the beneficiaries themselves and all dwelling units have been completed.
7	Sarkaghat	25.02.2011	738.64	738.65	738.64	These dwelling units are constructed by the beneficiaries themselves and all dwelling units have been completed.
	Total		7271.44	5300.91	5300.89	

IHSDP PROJECT DHARAMSHALA



EXTERIOR VIEW OF THE BLOCK

IHSDP PROJECT DHARAMSHALA



EXTERIOR VIEW OF THE BLOCK

IHSDP PROJECT SOLAN

IHSDP PROJECT SOLAN



IHSDP PROJECT SOLAN



Block No 2&3 Flooring & Roof Level

RAJIV AWAS YOJANA (RAY) – PROJECT FOR SHIMLA CITY

S. N.	No of Dwelling Units approved	Stage of construction	Time of Completion
1.	300 (DU)	Under progress (Due to forest clearances it could not be taken up in time)	UC submitted to GOI in Oct, 2017 for release of second installment
2.	Social infrastructure		
	1. Community Centre	Finishing work is in progress	Next 2 months
	2. Children Park		Completed
	3. Link Road		Completed
3.	Total funds released	GOI	State Share
	Total- Rs. 10.67 Cr.	Rs. 920.74 Lacs	Rs. 146.46 Lacs

COMMUNITY CENTRE (RAY)- SHIMLA



CONSTRUCTION OF DWELLING UNITS- SHIMLA



CONSTRUCTION OF DWELLING UNITS (RAY)- SHIMLA



CONSTRUCTION OF DWELLING UNITS UNDER PROGRESS- SHIMLA



THANKYOU
THANKYOU