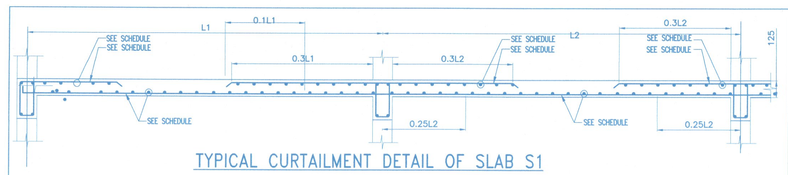
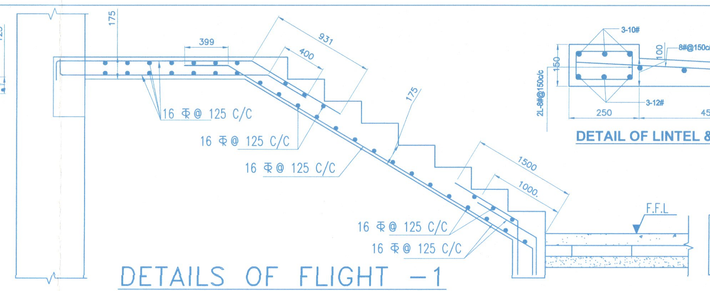
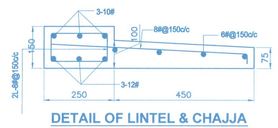


TYPICAL CURTAILMENT DETAIL OF SLAB S1

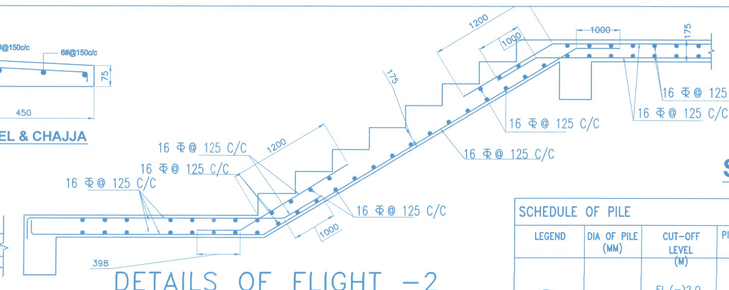


DETAILS OF FLIGHT –1

SCALE 1:25

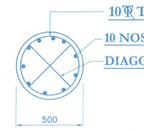


DETAIL OF LINTEL & CHAJJA



DETAILS OF FLIGHT –2

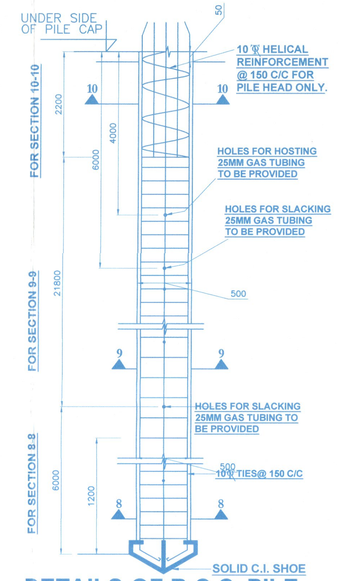
SCALE 1:25



SECTION THRO' 8-8

SCHEDULE OF PILE						
LEGEND	DIA OF PILE (MM)	CUT-OFF LEVEL (M)	PILE LENGTH (M)	PILE CAPACITY		
				SAFE WORKING LOAD IN TONS		
				COMPRESSION	TENSION	LATERAL
	500 DIA	EL.(–)2.0 EXCEPT PILES UNDER LIFT PIT	30.0	30.00	13.1	2.16

NOTE:– ABOVE ARE THE PILE DETAILS ADOPTED. THESE MUST BE ENSURED AT SITE.

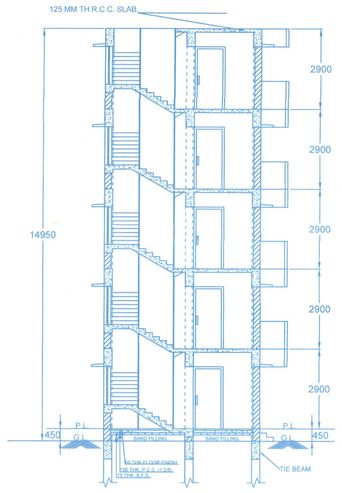


DETAILS OF R.C.C. PILE

(SCALE :- 1: 25)

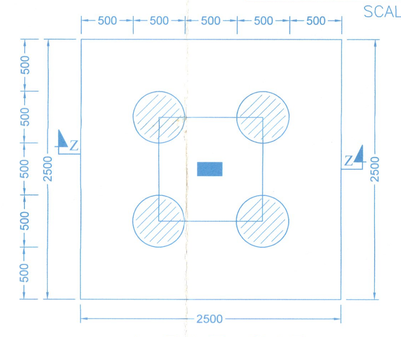
FRONT ELEVATION.

SCALE 1:100



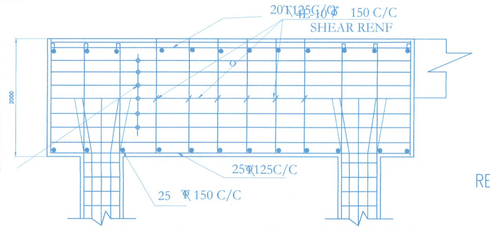
SECTION OF 1-1

SCALE 1:100

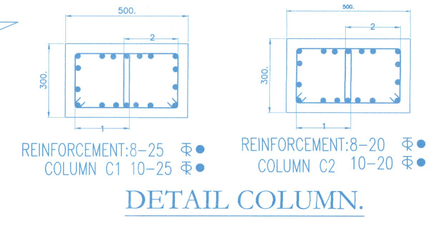


4 PILE CAPS

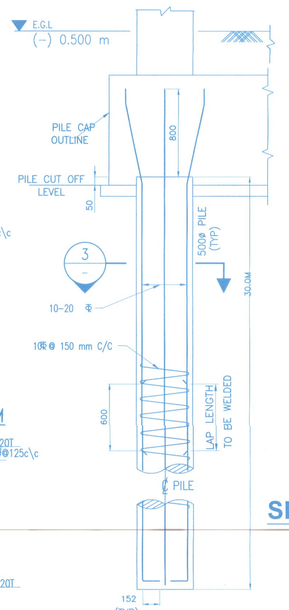
SCALE 1:25



Z-Z SECTION OF DETAILS OF R.C.C. 4 PILE CAP



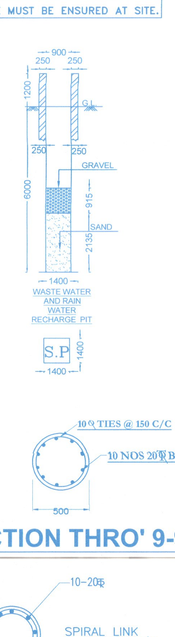
DETAIL COLUMN.

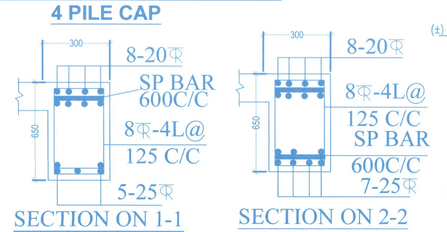


SECTIONAL ELEVATION

TYP. DETAIL OF 500 DIA PILE

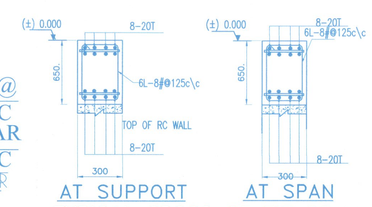
SCALE 1:25





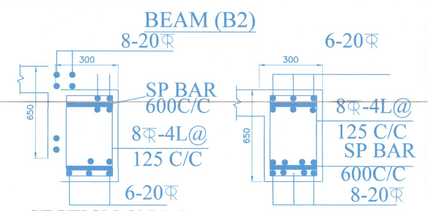
SECTION ON 1-1 SECTION ON 2-2

BEAM (B2)



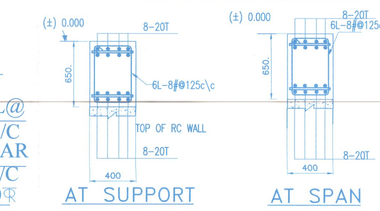
AT SUPPORT AT SPAN

TYPICAL CROSS OF TIE BEAM



SECTION ON 1-1 SECTION ON 2-2

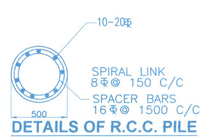
BEAM (B1)



AT SUPPORT AT SPAN

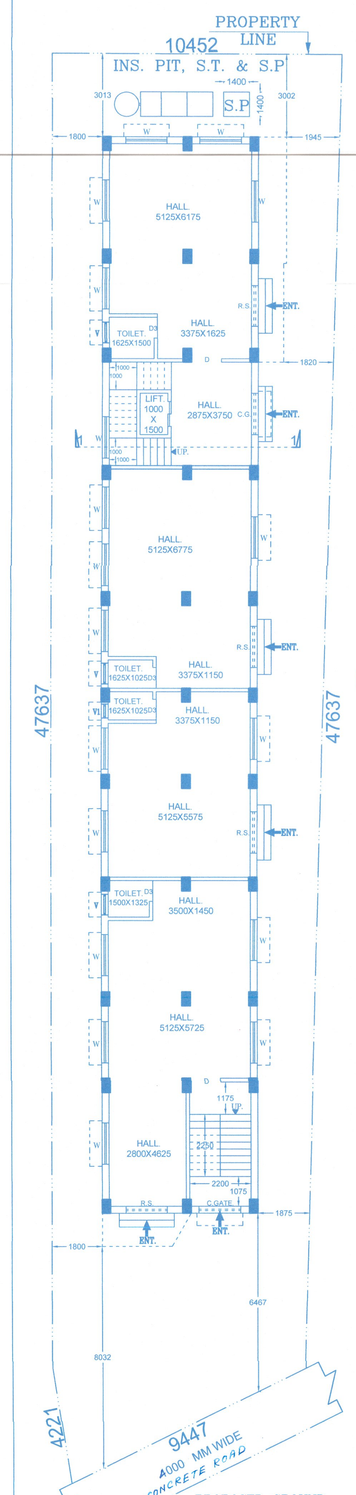
TYPICAL CROSS OF GB BEAM

SECTION THRO' 9-9



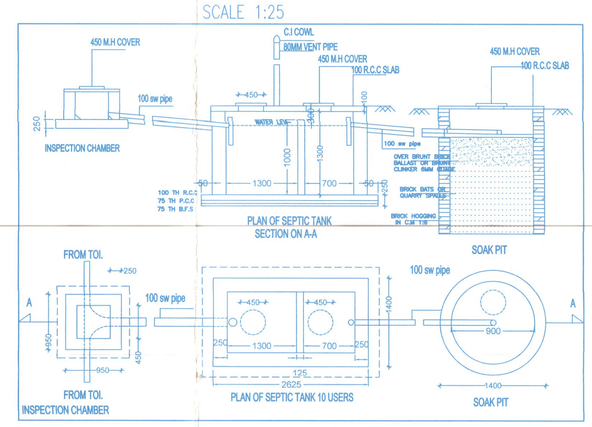
DETAILS OF R.C.C. PILE

SECTION 3

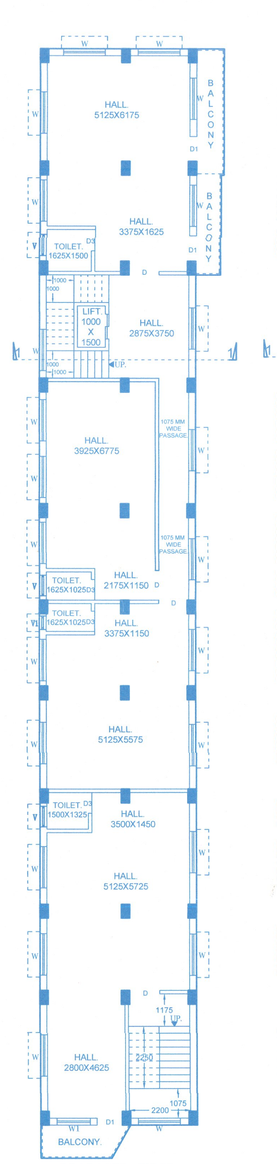


PROPOSED GROUND FLOOR PLAN

SCALE 1:100

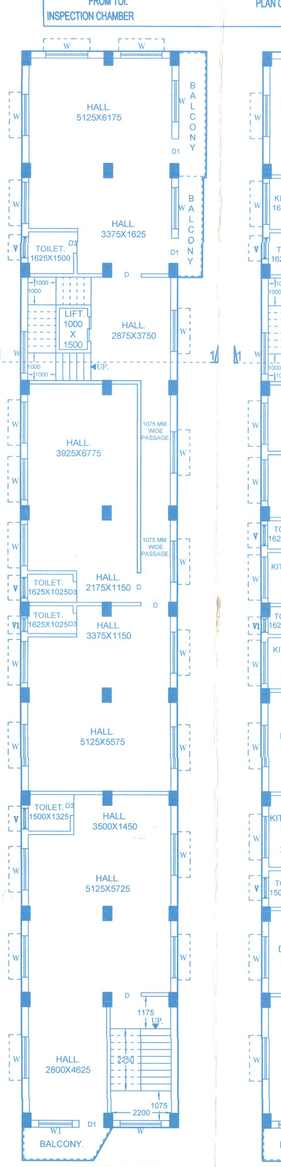


DOOR & WINDOW SCHEDULE : -		
SL. NO.	TYPE	SIZE
1.	R.S.	1500X2250
2.	C.G.	1500X2250
3.	D	1075X2250
4.	D1	900X2250
5.	D3	750X2250
6.	W	1500X1350
7.	W1	1200X1350
8.	V	750X600
9.	V1	500X600



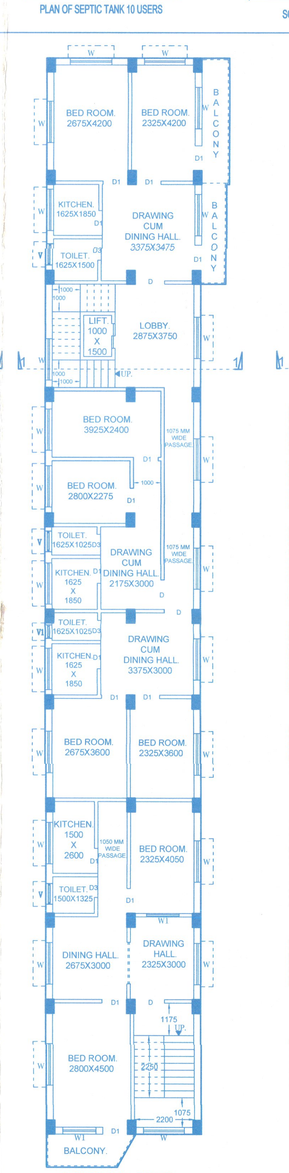
PROPOSED FIRST FLOOR PLAN

SCALE 1:100



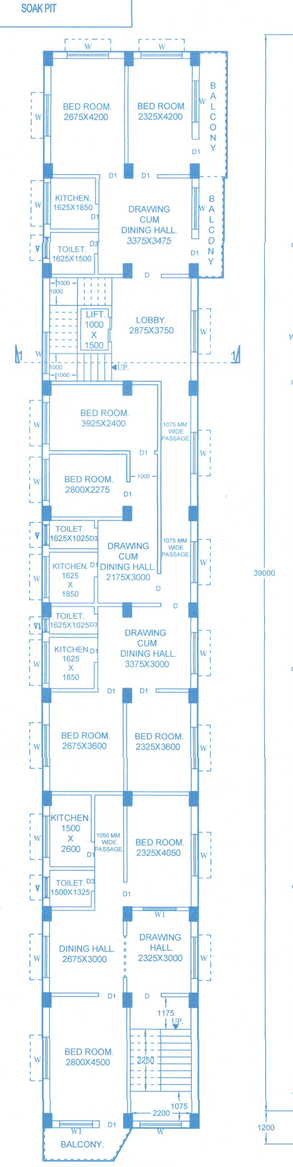
PROPOSED SECOND FLOOR PLAN

SCALE 1:100



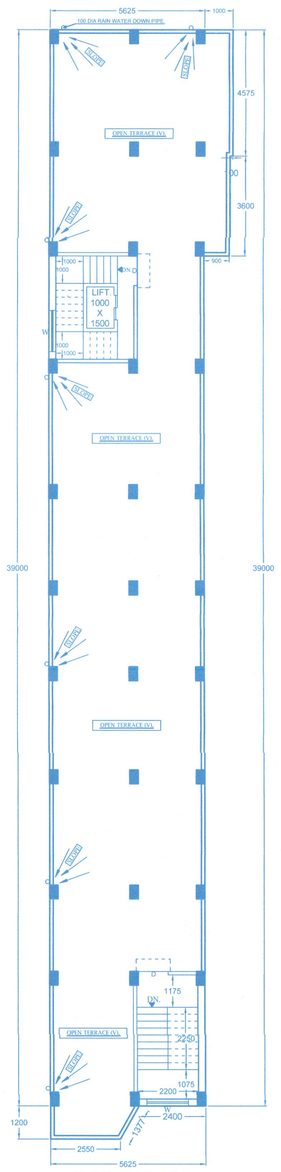
PROPOSED THIRD FLOOR PLAN

SCALE 1:100



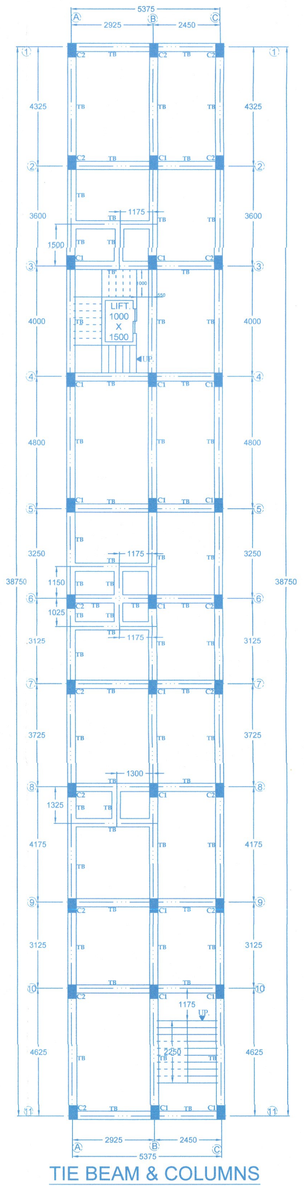
PROPOSED FORTH FLOOR PLAN

SCALE 1:100



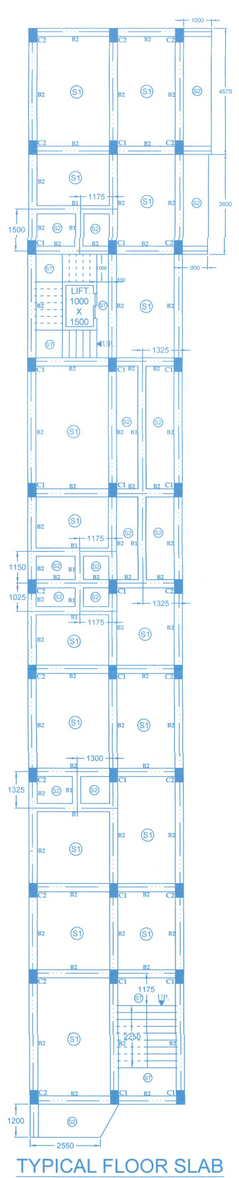
ROOF PLAN.

SCALE 1:100



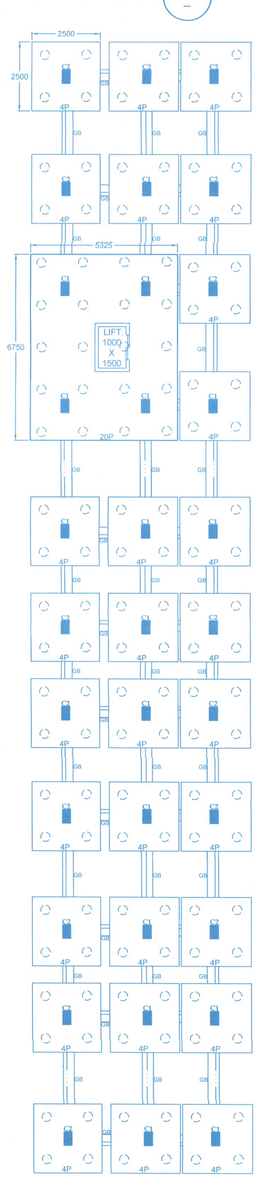
TIE BEAM & COLUMNS LAYOUT PLAN WITH GRIDE.

SCALE(1:100)



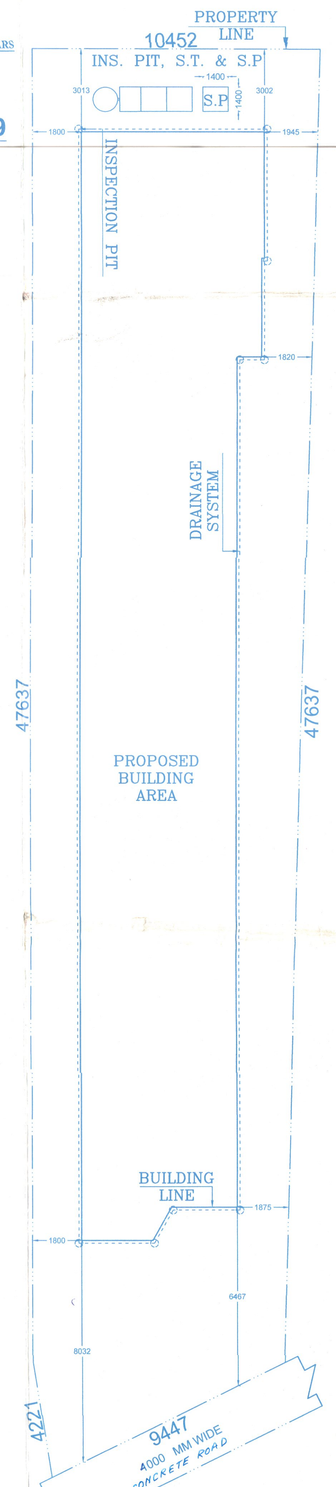
TYPICAL FLOOR SLAB & BEAM PLAN.

SCALE 1:100



PILE LAYOUT PLAN WITH G.BEAM.

SCALE 1:100



PROPOSED SITE PLAN.

SCALE 1:100

AREA STATEMENT :-

1. TOTAL LAND AREA :- 485.76 SQ. M.
2. GROUND FLOOR PLINTH AREA :- 219.38 SQ. M.
3. FIRST FLOOR COVERED AREA :- 230.66 SQ. M.
4. SECOND FLOOR COVERED AREA :- 230.66 SQ. M.
5. THIRD FLOOR COVERED AREA :- 230.66 SQ. M.
6. FORTH FLOOR COVERED AREA :- 230.66 SQ. M.

TOTAL AREA :- 1142.02 SQ. M.

7. BUILDING HEIGHT FLOOR TO FLOOR :- 2.90 M.
8. TOTAL BUILDING HEIGHT :- 14.950 M.

NOTES:–

1. (±) 0.00 M. LEVEL REFERS TO ROAD LEVEL.
2. UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
3. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METER. EXCEPT OTHERWISE MENTIONED ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL LEVELS GIVEN IN STRUCTURAL DRAWINGS ARE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS. AND INDICATE STRUCTURAL LEVEL ONLY (WITHOUT FINISH), HOWEVER ARCHITECTURAL DRAWING TO BE COORDINATED FOR ALL LEVELS.
4. ALL STRUCTURAL DRAWINGS SHALL BE READ ALONG WITH THIS DRAWING AS WELL AS RELEVANT ARCHITECTURAL DRAWINGS.
5. ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT BEFORE EXECUTION OF WORK.
6. UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT. BARS OF GRADE Fe–500/500 D CONFORMING TO IS–1786–2008.
7. ADEQUATE CHAIR BARS TO BE PROVIDED TO KEEP THE TOP REINFORCEMENT IN PROPER POSITION.
8. UNLESS OTHERWISE STATED LAP LENGTH OF BARS SHALL BE DEVELOPMENT LENGTH=50xBAR DIA.
9. UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8 T @ 200 C/C
10. CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
    i) BEAM : 25 MM
    ii) COLUMN : 40 MM
    iii) LIFT WALL : 20 MM
11. GRADE OF CONCRETE WILL BE M35 FOR SUB STRUCTURE AND M40 FOR SUPER STRUCTURE AS PER IS: 456:2000.
12. DEVELOPMENT LENGTH 50XD FOR LAP & SPICES SHOULD BE PROVIDED AS PER THE PROVISIONS LAID DOWN IN SP34:1987
13. IN THIS PROJECT USED AAC BLOCK IN PLACE OF RADE BRICK.

FLOOR BEAM SCHEDULE

BEAM MKD	SIZE BXD	PANEL MARKED	MAIN REINFORCEMENT				STIRRUPS	
			SUPPORT		SPAN		SUPPORT	SPAN
			TOP	BOTTOM	TOP	BOTTOM		
B1	300x 650	SHOWN IN PLAN	8-20⌀	6-20⌀	6-20⌀	8-20⌀	4L-8⌀@125c\c	4L-8⌀@125c\c
B2	300x 650	SHOWN IN PLAN	8-20⌀	5-25⌀	8-20⌀	7-25⌀	4L-8⌀@125c\c	6L-8⌀@125c\c

SCHEDULE OF R.C.C.COLUMN

COL. MKD.	PANEL TYPE	REINFORCEMENT UPTO ROOF LEVEL			
		STOREY	SIZE	MAIN BAR	TIE BAR
C1	SHOWN IN PLAN	GROUND TO TOP OF 4TH	300X500	8-25⌀ 10-20⌀	4L-8⌀@100c\c
		TOP OF 4TH FLOOR TO REST	300X500	8-25 ⌀ 10-20⌀	4L-8⌀@100c\c
C2	SHOWN IN PLAN	GROUND TO TOP OF 4TH	300X500	8 -20 ⌀ 10-20⌀	4L-8⌀@100c\c
		TOP OF 4TH FLOOR TO REST	300X500	8 -20 ⌀ 10-20⌀	4L-8⌀@100c\c

TIE BEAM SCHEDULE.

BEAM MKD	SIZE BXD	PANEL MARKED	MAIN REINFORCEMENT				STIRRUPS	
			SUPPORT		SPAN		SUPPORT	SPAN
			TOP	BOTTOM	TOP	BOTTOM		
TIE BEAM	300X 650	SHOWN IN PLAN	4-20⌀ 4-20⌀	8-20⌀	8-20⌀	4-20⌀ 4-20⌀	6L-8⌀@125c\c	6L-8⌀@125c\c

SCHEDULE OF SLAB

PANEL MKD	THK	MAIN REINFORCEMENT							
		SHORTER				LONGER			
		SUPPORT		SPAN		SUPPORT		SPAN	
		TOP	BOTT.	TOP	BOTT.	TOP	BOTT.	TOP	BOTT.
S2	125	10⌀@150C/C	10⌀@ 150C/C	X	10⌀@150C/C	10⌀@150C/C	10⌀@ 150C/C	X	10⌀@150C/C
S1	125	10⌀@150C/C	10⌀@ 150C/C	X	10⌀@150C/C	10⌀@150C/C	10⌀@ 150C/C	X	10⌀@150C/C
ST	175	DIST STEEL:-10⌀@125C/C				MAIN STEEL:-10⌀@ 125C/C			

PROPOSED PLAN OF A (G+4) STORIED BUILDING OF SRI ARUP KUMAR PAL, S/O-SRI BIJAN BIHARI PAL AND SRI ARINDAM PAL, S/O- SRI ARUP KUMAR PAL, UNDER MOUZA- BARISHA, P.S.-KOLAGHAT, *ON PLOT NO.- 140, J.L.NO-289,* KHATIAN NO.-3487,3488, OF DIST.-PURBA MEDINIPUR.

DECLARATION :-

I/WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT
I/WE SHALL ENGAGE ARCHITECT & S.E. DURING CONSTRUCTION.
I/WE SHALL FOLLOW THE INSTRUCTION OF ARCHITECT & S.E. DURING CONSTRUCTION OF THE BUILDING(AS PER B.S. PLAN) PANCHYAT RULE AND BUILDING RULE. I/WE SHALL NOT DEVIATE FROM THE SAFETY OF THE BUILDING & AND ADJOINING STRUCTURES.
IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE ZILLA PARISHAD, AUTHORITY WILL REVOKE THE TITLE SANCTION PLAN.
THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE GUIDANCE OF E.S.E./ARCHITECT BEFORE STARTING OF BUILDING FOUNDATION WORK.
THE APPLICANT SHALL ARRANGE TO RAISE AND MAINTAIN THE PLANTATION AT HIS OWN COST AND SUBMIT SUCH PROGRAMMED TO THE COMMISSIONER BEFORE THE PLANS APPROVED.

Arup Kumar Pal
SIGNATURE OF APPLICANT

Arindam Pal

STRUCTURAL DECLARATION :-

I CERTIFY THAT STRUCTURE OF PROPOSED BUILDING WHICH HAS BEEN DESIGN BY MY ME AND TO BE SAFE IN ALL RESPECT INCLUDING CONSIDERATION OF BEARING CAPACITY AND THE SHEAALLAMENT OF SOIL ON THE BASIS OF RECOMMENDATION OF GEOTECH ENGINEER AND ALSO CONSIDERING ALL POSSIBLE SEISMIC LOAD & WIND LOAD AND ADEQUATE STRENGTH TO WITHSTAND THE SAME AS PER B.S. CODE AND S.R.C. OF INDIA & THERE PROVISION SHALL BE ADHERED DURING CONSTRUCTION.

Civil Engineer
BHARAT CHANDRA JANA
(B.CE, B.Tech, M.I.C.I, M.I.S.E)
Kamarda, Bara Kamarda
Purba Medinipur
Registration No.- M-1527

DECLARATION OF ENGINEER :-

CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF PANCHYAT RULE AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITION INCLUDING THE ABUTTING ROAD CONFORMS WITH AND VERIFIED BY ME.
IT IS A BUILDING SITE AND NOT A TANK OF FILLED UP TANK.
THE CONSTRUCTION OF U.G. WATER TANK AND SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK.

SIGNATURE OF ENGINEER

DRAWING TITLE:
DETAIL OF ARCHITEXTURAL AND STRUCTURAL PLAN.

SHT. SIZE	SHEET NO.	REV.	R-0	R-1	DWG. NO.
	1	DATE			

N

NOTES:–

Construction should be done as per sanction plan. In case of deviation from the approved building plan without prior permission of PMZP, the sanction will automatically be cancelled.

RECOMMENDED NOTES

I. Future vertical and horizontal extention will not be allowed
II. Undersigned are not responsible for any kind of certification or verification of land.
III. Structural calculation has totally been checked as per structural design report submitted by the Structural Engineer
IV. Foundation has been checked as per soil investigation report submitted by the geo-tech engineer.
V. Any failure happened during construction or after construction the consultant will be fully responsible.
VI. Considering the cited above notes the proposed project may be technically (Structurally) sanctioned

2.6.2025
Assistant Engineer
Purba Medinipur Zilla Parishad

District Engineer
Purba Medinipur Zilla Parishad

SANCTIONED

This Building Memo No. 666 /TII/PMZP(Y.C)/202 5

Additional Executive Officer
Purba Medinipur Zilla Parishad

APPROVED BY