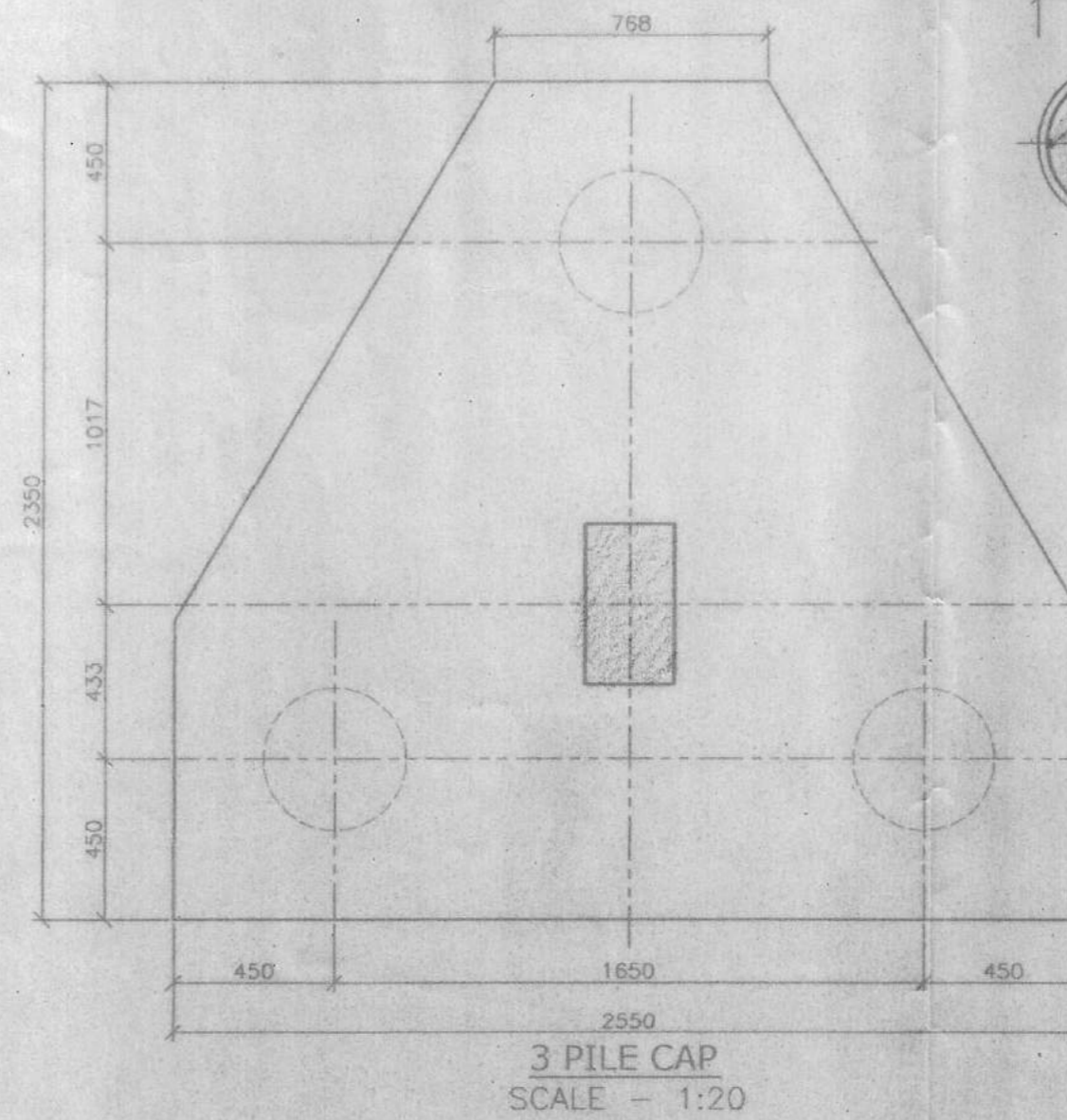
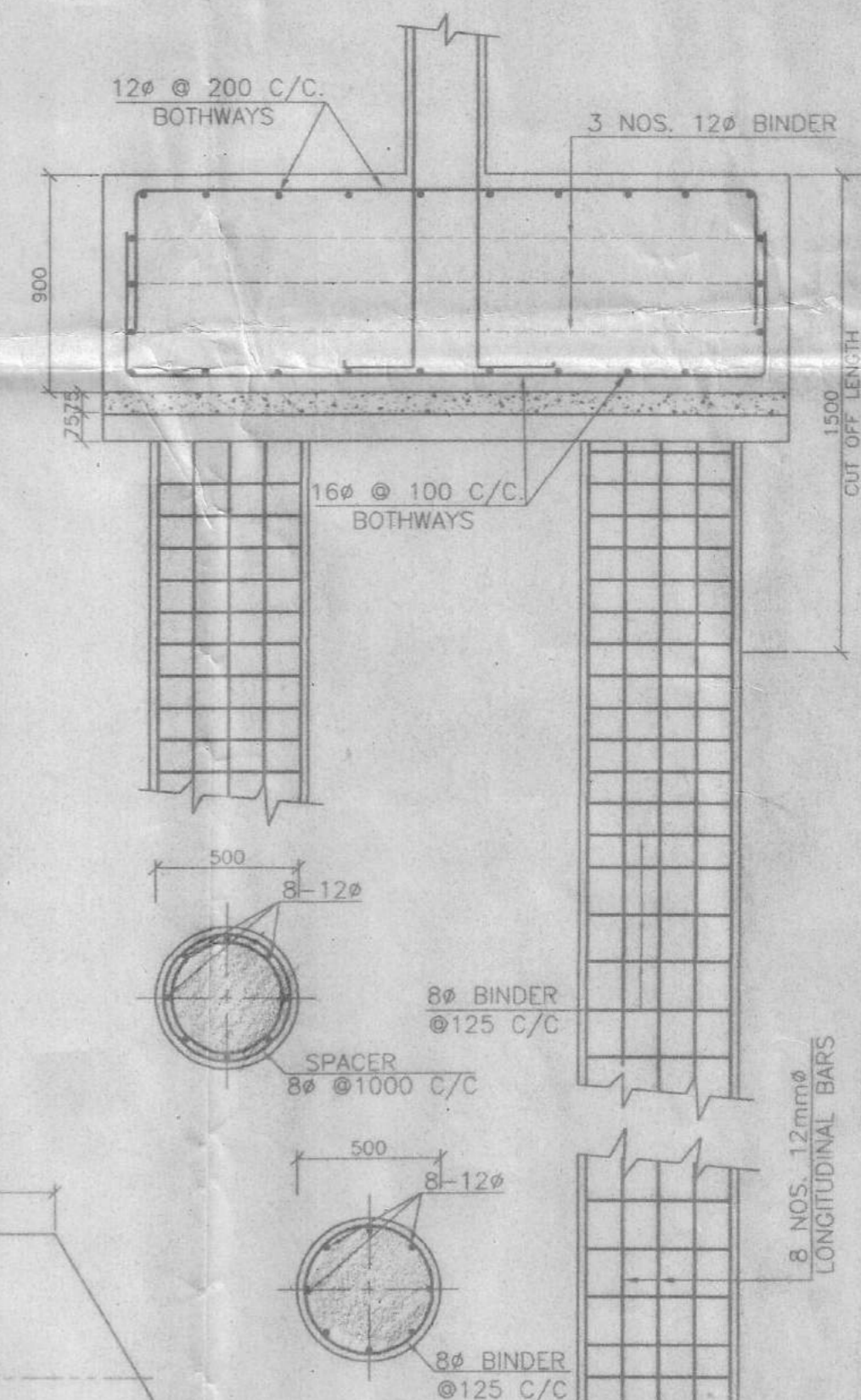
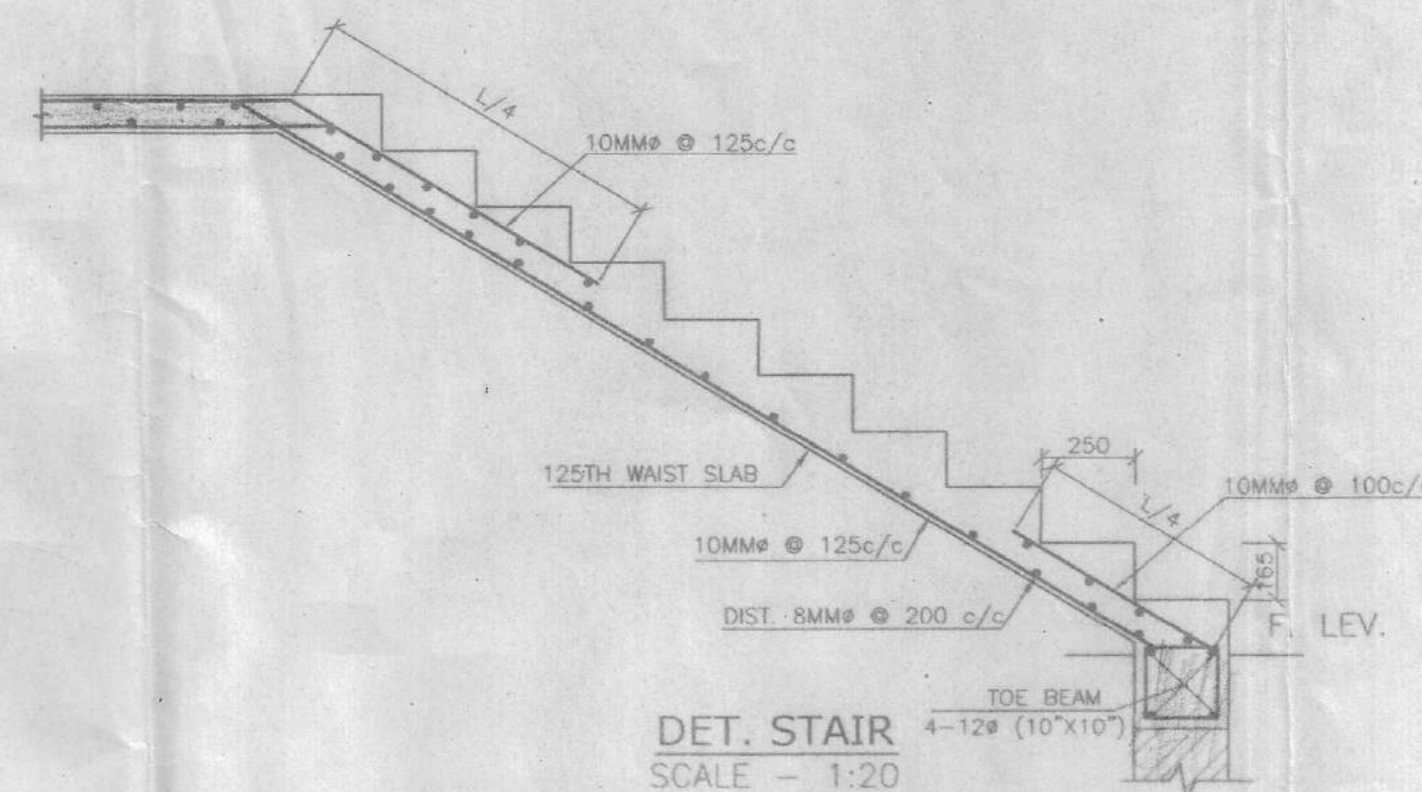
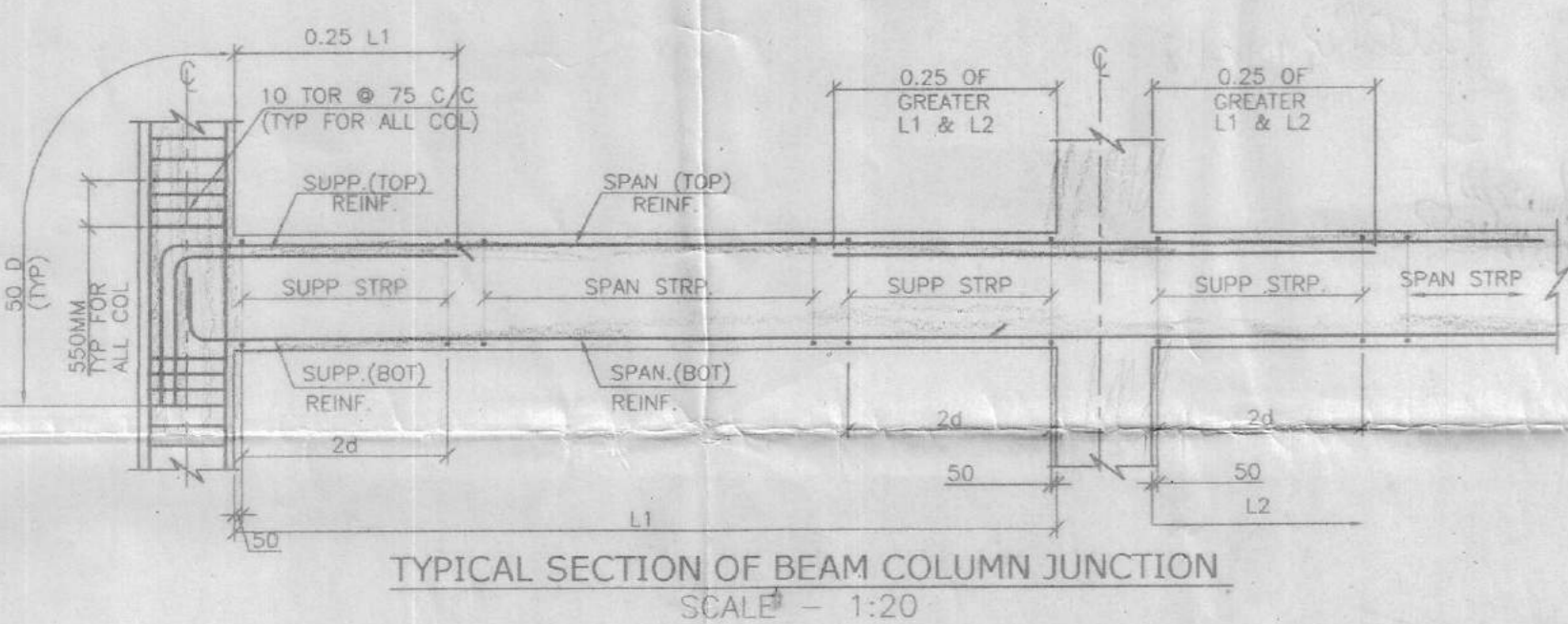
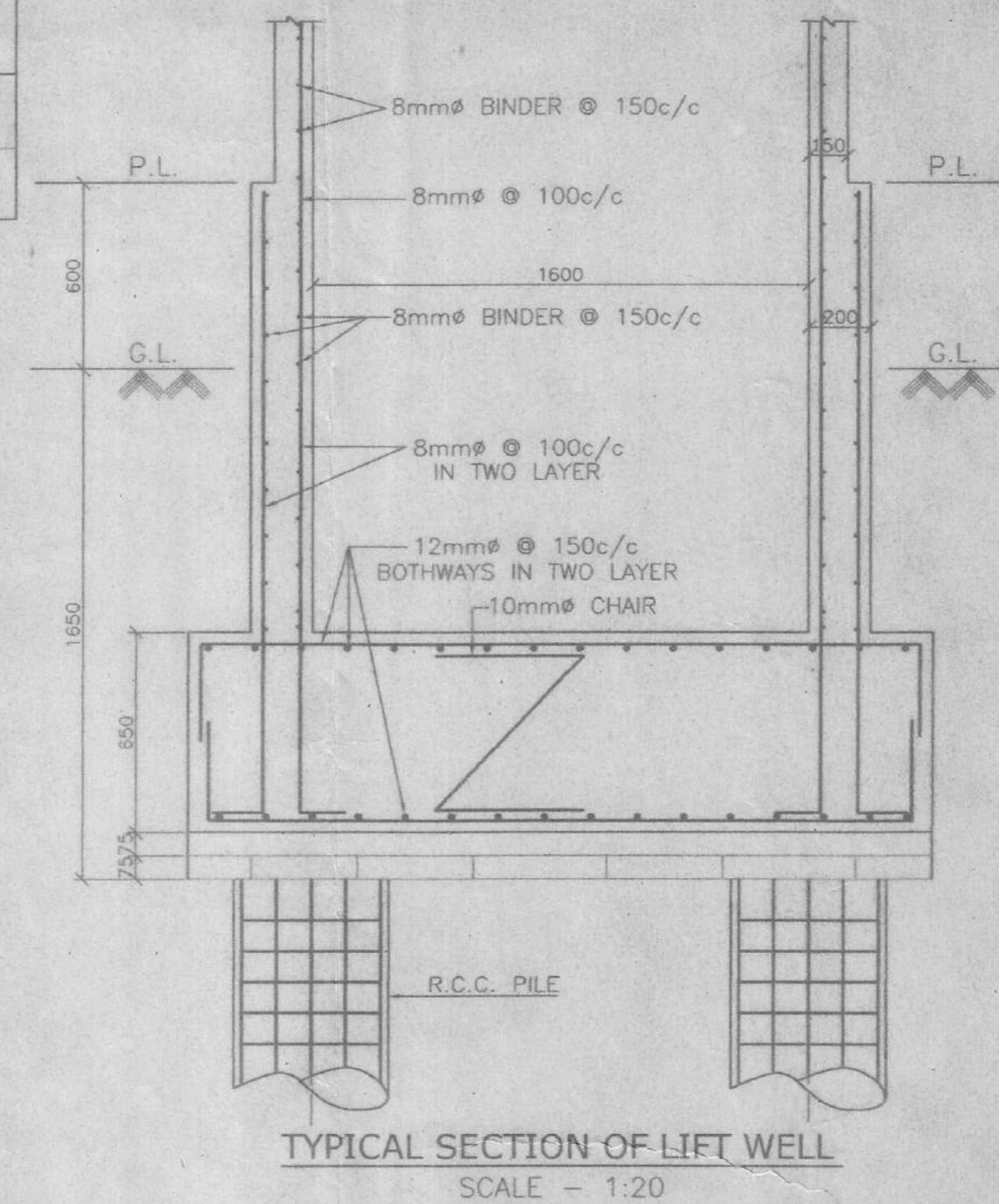
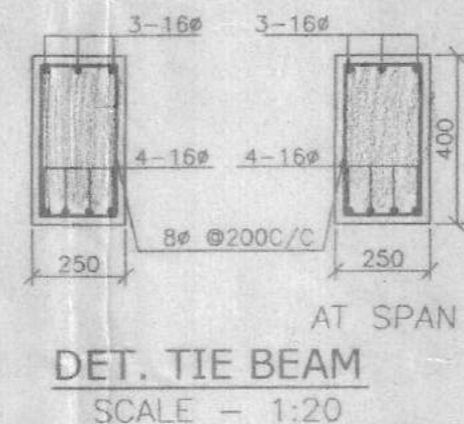
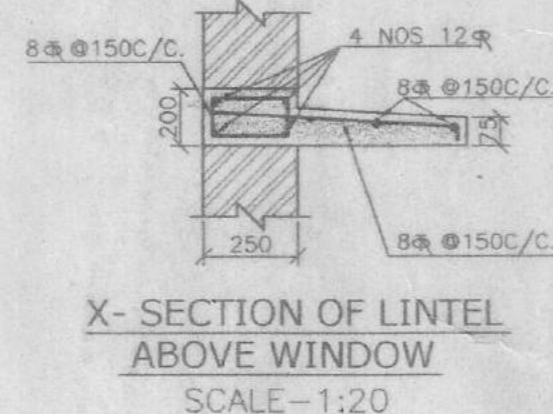
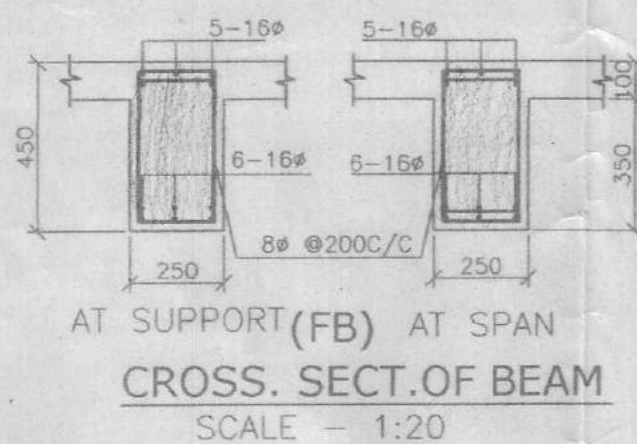
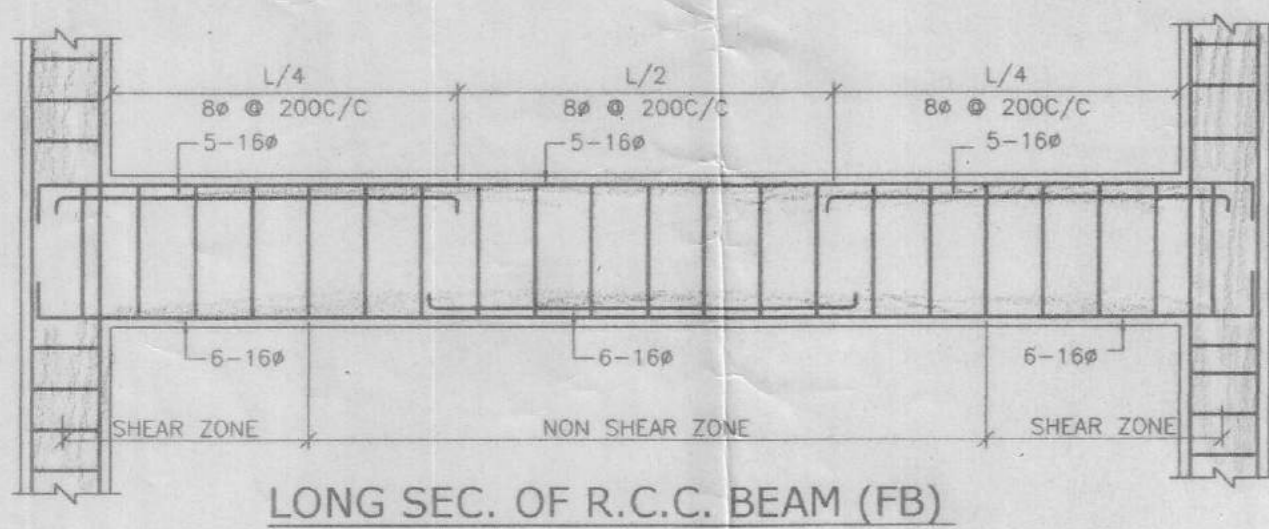


SCHEDULE FOR PILE & PILE CAP												
PILE					PILE CAP							
DIA OF PILE	NO OF PILE'S	LENGTH OF PILE	CUT OFF LENGTH	AST MAIN REINF.	STIRRUPS	LENGTH (L)	BREATH (B)	DEPTH (D)	AST. TOP	AST. BOT.	AST. BINDER	REMARKS
500	3 PILE'S CAP	16.5 M	1.50 M	12# - 8 NOS.	8mm# @ 125 C/C	2400	2200	1100	12mm @ 175 c/c / 16mm @ 100 c/c	16mm @ 100 c/c	3 NOS, 12#	3 NOS, 500 DIA R.C.C. PILE IN EACH COLUMN

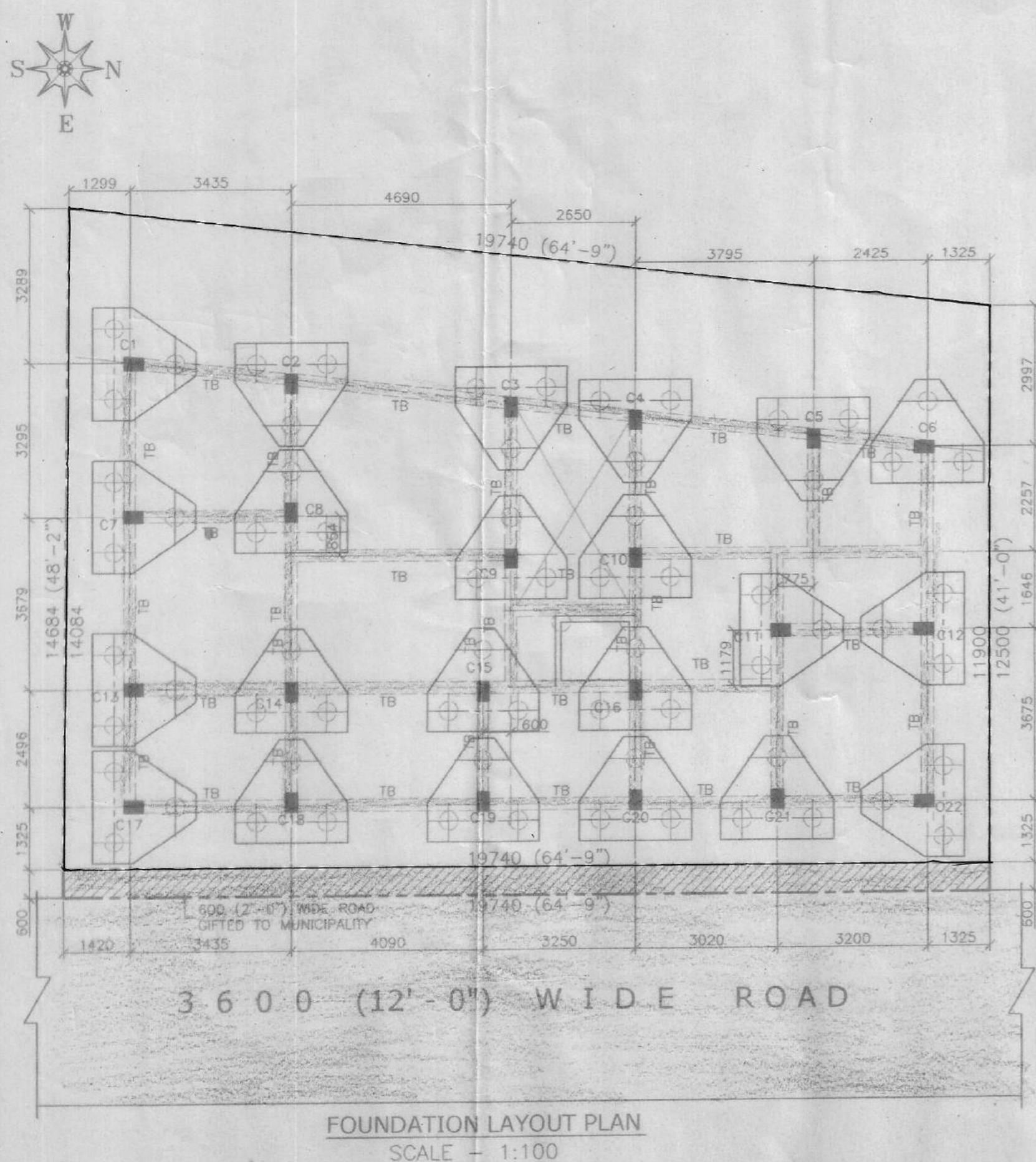
DESIGN TABLE FOR BEAM						
BEAM MARKING AS IN STRUCTURAL PLAN	SIZE b x D mmXmm	SUPPORT		SPAN		STIRRUPS
		TOP	BOTTOM	TOP	BOTTOM	
FB & .RB	250X450	5-16#	6-16#	5-16#	6-16#	8mm #2L @200 C/C
TB	250X400	3-16#	4-16#	3-16#	4-16#	8mm #2L @200 C/C

DESIGN TABLE FOR SLAB			
SLAB MARK	SLAB THK. mm	REINF. OF SLAB	
		SPANS	LONG SPAN
TANK BOTTOM	150	8# @150 C/C	8# @150 C/C
STAIR SLAB	125	8# @200 C/C	10# @125 C/C

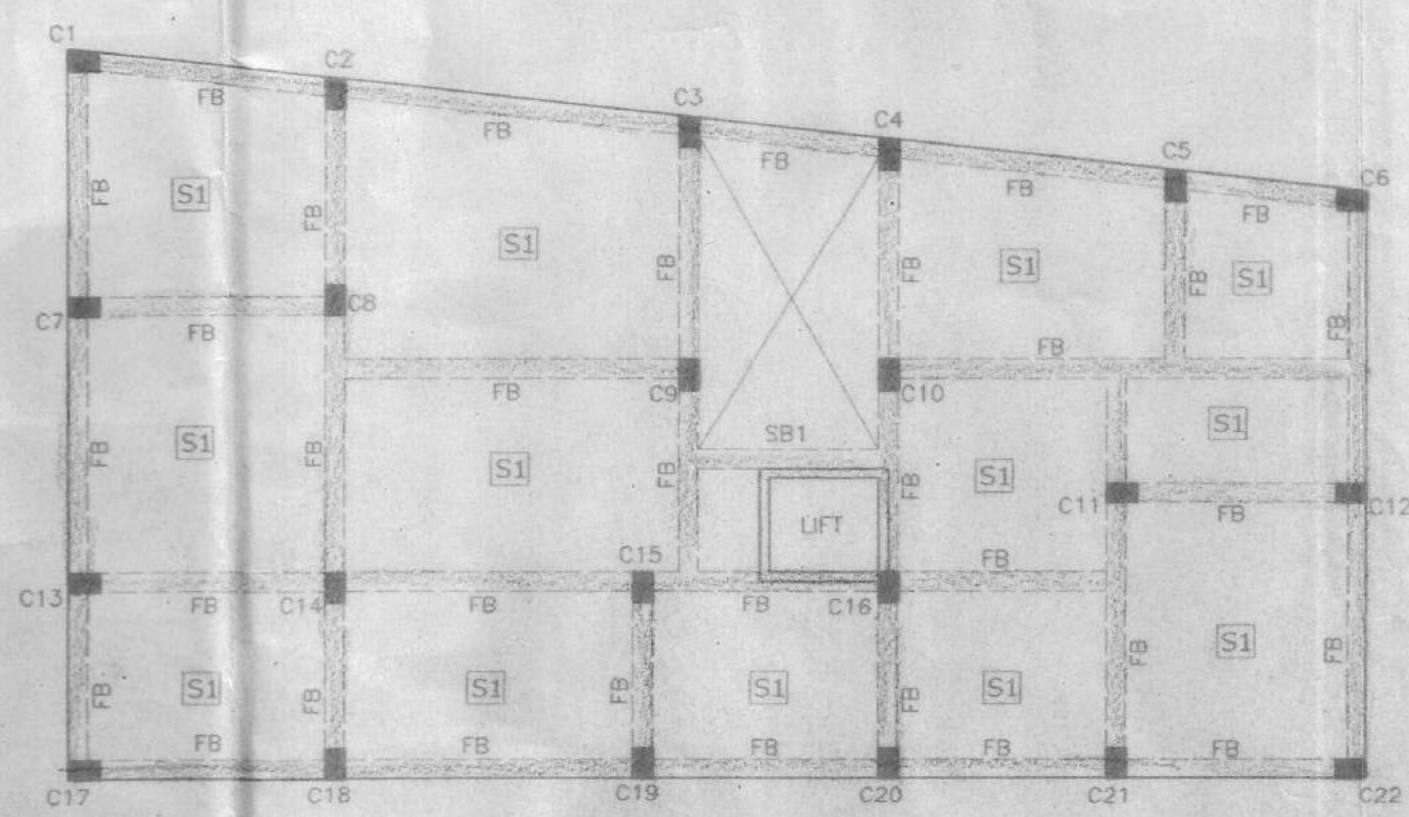
COLUMN SCHEDULE						
COL.MKD.	SIZE	LONGITUDINAL REINFORCEMENT				TIE
		GR. FL.	1ST. FL.	2ND. FL.	3RD. FL. & ABOVE	
C8,C9,C10,C15,C16	250 X 550	12-16#	10-16#	10-16#	10-16#	8R-2L@250c/c
C3,C4,C7,C17,C18	250 X 450	12-16#	10-16#	8-16#	8-16#	8R-2L@250c/c
REST ALL	250 X 450	10-16#	10-16#	8-16#	8-16#	8R-2L@250c/c



SECTION OF PILE SCALE - 1:20



FOUNDATION LAYOUT PLAN SCALE - 1:100



BEAM & SLAB PLAN SCALE - 1:100

PROJECT TITLE  
**STRUCTURAL PLAN OF PROPOSED FIVE STORIED RESIDENTIAL BUILDING OF SRI SUMAN CHATTERJEE & SUBHANKAR DUTTA IN RESPECT OF HOLDING NO.-68, BAGUATI 4TH LANE, WARD NO.-26, MOUZA-SATGACHH, J.L. NO.-20, C.S./R.S. DAG NO.-2452, C.S./R.S. KHATIAN NO.-130, T.S. NO.-154, TOUZI NO.-3/162, P.S.-DUM DUM, DIST.-24 PARGANAS (N), UNDER "SOUTH DUM DUM MUNICIPALITY".**

SANCTIONED SITE PLAN NO. - , DATED: -

NOTES

- ALL DIMENSIONS AND LEVELS ARE IN MILLIMETERS UNLESS STATED OTHERWISE.
- ALL STRUCTURAL CONCRETE WORK SHALL BE OF M25 GRADE (MIXED DESIGN) AND SHALL BE IN ACCORDANCE WITH IS: 456-2000, & IS 2911.
- STRUCTURAL DESIGN IS VALID ONLY FOR THE SANCTION ARCHITECTURAL 100 M.M. PROJECTION.
- ALL REINFORCEMENTS SHALL BE THERMO MECHANICALLY TREATED BARS (TMT) TO GRADE Fe 500 AND Fe 415 RESPECTIVELY.
- PROVIDE 75 TH. P.C.C. (1:4:8) BLOW FOOTING & GROUND BEAM WITH 100 M.M. PROJECTION.
- LAP SPLICES, DEVELOPMENT LENGTH, CONFINING REINFORCEMENT & MISSING REINFORCEMENT DETAILS IF ANY, AS PER IS 13920.
- SCALING OF THIS DRAWING IS NOT PERMITTED, ONLY WRITTEN DIMENSION ARE TO BE FOLLOWED.
- MATERIALS / WORKMANSHIP/ QUALITY ASSURANCE MEASURES WILL BE ENSURED AS PER SECTION 2 OF IS 450-2000.
- BEARING CAPACITY OF SOIL IS CONSIDERED AS 6.5 TON/SQ.M
- COLUMN LAYOUT WILL BE ACCORDING TO THE ARCHITECTURAL DRAWING.
- THIS DESIGN HAS BEEN CARRIED OUT WITH LATEST REVISIONS OF IS CODES.
- UNLESS NOTED OTHERWISE THE MINIMUM CLEAR COVER SHALL BE AS FOLLOWS :-

	TOP	BOTTOM	SIDE
a) FOUNDATION	50	50	50
b) COLUMN	40	40	40
c) BEAM	30	30	30
d) SLAB	20	20	20
e) STAIR CASE	30	30	30

CERTIFICATE OF OWNER/S

CERTIFIED THAT I/WE SHALL NOT ON A LATER DATE MAKE ANY ADDITION & ALTERATION TO THIS PLAN SO AS TO CONVERT IT FOR MY/OUR USE OR ALLOW IT TO BE USED FOR SEPERATE FLATS PER FLOOR/STOREY.

CERTIFIED THAT I/WE HAVE GONE THROUGH THE BUILDING RULES FOR THE SOUTH DUM DUM MUNICIPALITY IN VOUGE & ALSO UNDERTAKE TO ABIDE BY THOSE RULES DURING & AFTER CONSTRUCTION OF THE BUILDING.

CERTIFIED THAT I/WE ALSO UNDERTAKE TO REPORT OF COMMENCEMENT BEFORE 7 DAYS & COMPLETION WOULD BE REPORTED WITHIN 30 DAYS.

I/WE ALSO UNDERTAKE TO REPORT THAT THERE IS NO COURT CASE OR ANY COMPLAIN FROM ANY CORNER IN RESPECT OF MY/OUR PROPERTY AS PER PLAN.

I/WE HAVE NOT SOLD/TRANSFERED ANY PART OF MY/OUR PROPERTY/LAND TO ANYBODY UNTILL NOW.

IF ANY DISPUTE ARISES IN FUTURE "SOUTH DUM DUM MUNICIPALITY" WILL NOT BE LIABLE.

*Suman Chatterjee*  
*Subhankar Dutta*

SIGNATURE OF OWNER/S

CERTIFICATE OF ENGINEER

CERTIFIED THAT THE FOUNDATION AND THE SUPER STRUCTURE OF THE BUILDING HAVE BEEN SO DESIGN BY ME/US TO BE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY & SETTLEMENT OF SOIL ETC. AS PER I.S.I. STANDARD & N.B. CODE.

CERTIFIED THAT THE PLAN HAS BEEN DESIGN & DRAWN UP STRICTLY ACCORDING TO THE BUILDING RULES FOR "SOUTH DUM DUM MUNICIPALITY".

I AS A STRUCTURAL DESIGNER HEREBY CERTIFY THAT I IDENTIFY SOUTH DUM DUM MUNICIPALITY FOR ANY STRUCTURAL DEFECTS AND/OR FAILURE OF THE PROPOSED BUILDING AFTER OR DURING THE CONSTRUCTION.

HOWEVER STRUCTURAL DESIGN CALCULATION ARE SUBMITTED FOR REFERENCE OR RECORD.

*Rajshankar Dev*  
**RAJSHANKAR DEV**  
 Empowered Licensed Building Surveyor  
 Class-1, S.D.D.M.  
 IC No: SDDMLBS-02017/2018

*Rajshankar Dev*  
**RAJSHANKAR DEV**  
 Empowered Structural Engineer  
 S.D.D.M.  
 IC No: SDDM/SE-02/2017/2018

SIGNATURE OF L.S.S. SIGNATURE OF ENGINEER





1. This sanction is valid for a period of three years from the date of sanction and may be renewed for a further period of one year or for period as may be provided in the West Bengal Municipal Act, 1953.
2. Sanction is granted on the basis of statements, representations and/or declarations made and information supplied by the applicant. In case it is discovered at a later stage that any of the statements were made and that any such declaration was made or representation was not made, the sanction will be void and the applicant will be liable to prosecution for any offence that may be taken by the Municipality under Civil and/or Criminal Law.
3. Before commencing construction the site must conform to the sanctioned site plan. The applicant must implement all proposals and reservations made in the Plan in full.
4. No deviations may be made from the sanctioned plan and if made the same shall be to be summarily demolished and the cost of such demolition recovered from the applicant/owner.
5. The onus of ensuring the correctness of plan lies on the applicant/owner.

**Sanctioned provisionally**  
No objection certificate is to be obtained from the Airport Authority of India before commencing construction.

The sewerage pipe/soil should be so fixed as to discharge rainwater on road/footpath/outside the premises.

Drainage plan for building being constructed in an area served by sewerage network will have to be prepared accordingly according to National Building Code and sanction for the same obtained before commencing construction of drains.

Within six weeks after completion of the erection of a building or any extension of any work the owner of the building must submit a notice of completion with the following particulars:- Failure to do so will attract severe penalties.  
No building shall be occupied or permit to be occupied if building work is not completed or altered under the provisions of the Act, 1953 without obtaining an Occupancy Certificate issued by the Municipality.

**PHASE-I**  
SANCTIONED Provisionally up to ground floor roof casting. Final Sanction will be accorded in Phase-II after completion of ground floor RCC structure as per provisionally sanctioned plan in Phase-I.

*PacAR* 10/12/18  
CHIEF ENGINEER  
SOUTH DILLI MUNICIPALITY  
DILLI

*Chakrabarti*  
10/12/18