

**SCHEDULE OF R.C.C. COLUMN**

COLUMN MKD.	SIZE	REINFORCEMENT	
		MAIN BAR	LATERAL TIES
C1	300X500	8-20 $\phi$	8 $\phi$ 2LG @ 150 C/C
C2	300X600	10-20 $\phi$	8 $\phi$ 2LG @ 150 C/C
C3	300X550	12-20 $\phi$	8 $\phi$ 2LG @ 150 C/C

**SCHEDULE OF PILE**

PILE CAP MKD.	NO. & DIA. OF PILE	CUT-OFF LEVEL	LENGTH OF PILE (M)	REINFORCEMENT OF PILE	RING	STIFFENER
PC2	2 (450 $\phi$ )	-1500	25.0	6-12 $\phi$	8 mm $\phi$ helical ring @ 150c/c	10mm $\phi$ @ 1500c/c
PC3	3 (450 $\phi$ )					
PC4	4 (450 $\phi$ )					

NOTE: Distance between two pile = 3D (D=Dia. of pile), here D=450mm.

**SCHEDULE OF R.C.C. BEAM**

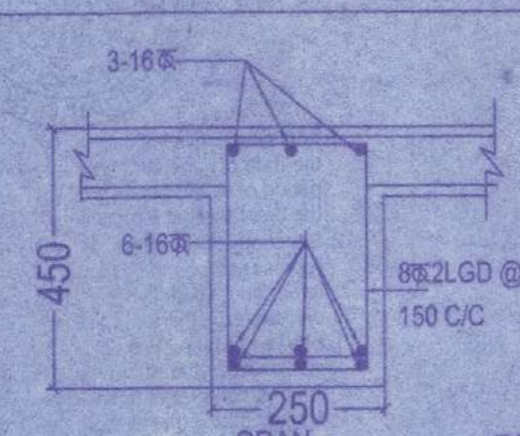
BEAM MKD.	SIZE	REINFORCEMENT				STIRRUPS
		SPAN		SUPPORT		
		TOP	BOT	TOP	BOT	
B1	250X450	2-16 $\phi$	3-16 $\phi$	3-16 $\phi$	2-16 $\phi$	8 $\phi$ 2LG @ 150 C/C
B2	200X450	3-16 $\phi$	3-16 $\phi$	3-16 $\phi$	3-16 $\phi$	8 $\phi$ 2LG @ 150 C/C
B3	250X450	3-16 $\phi$	6-16 $\phi$	6-16 $\phi$	3-16 $\phi$	8 $\phi$ 2LG @ 150 C/C
B3'	200X450	3-16 $\phi$	6-16 $\phi$	6-16 $\phi$	3-16 $\phi$	8 $\phi$ 2LG @ 150 C/C

**SCHEDULE OF R.C.C. SLAB**

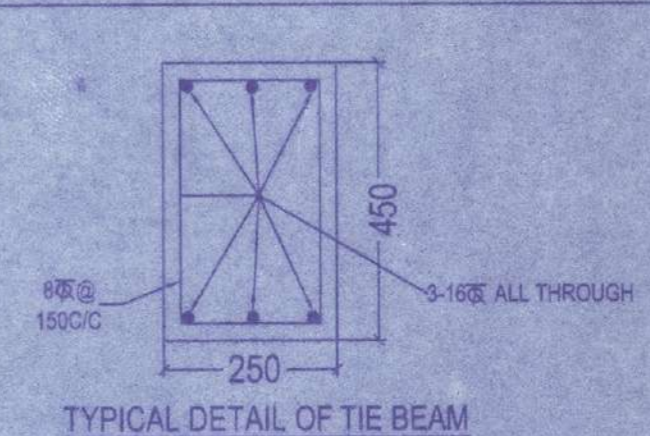
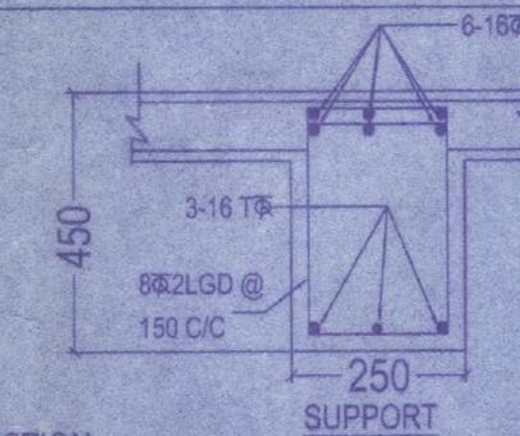
SLAB MKD.	DEPTH	COVER	REINFORCEMENT	
			LONG SPAN	SHORT SPAN
S1	110	20	8 $\phi$ @ 150 C/C	8 $\phi$ @ 150 C/C
S2	110	20	8 $\phi$ @ 125 C/C	8 $\phi$ @ 125 C/C

**SCHEDULE OF TIE BEAM**

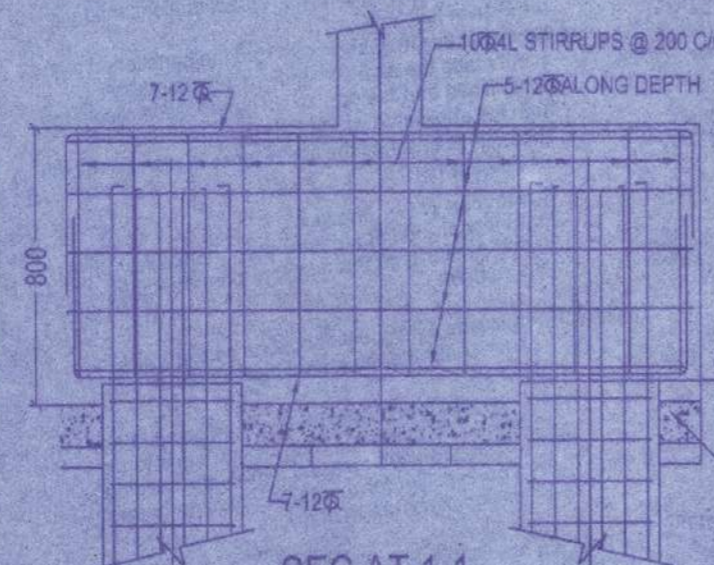
BEAM MKD.	SIZE	REINFORCEMENT				STIRRUPS
		SPAN	TOP	SUPPORT	BOT	
TB1	250X450	3-16 $\phi$	3-16 $\phi$	3-16 $\phi$	3-16 $\phi$	8 $\phi$ 2LG @ 150 C/C



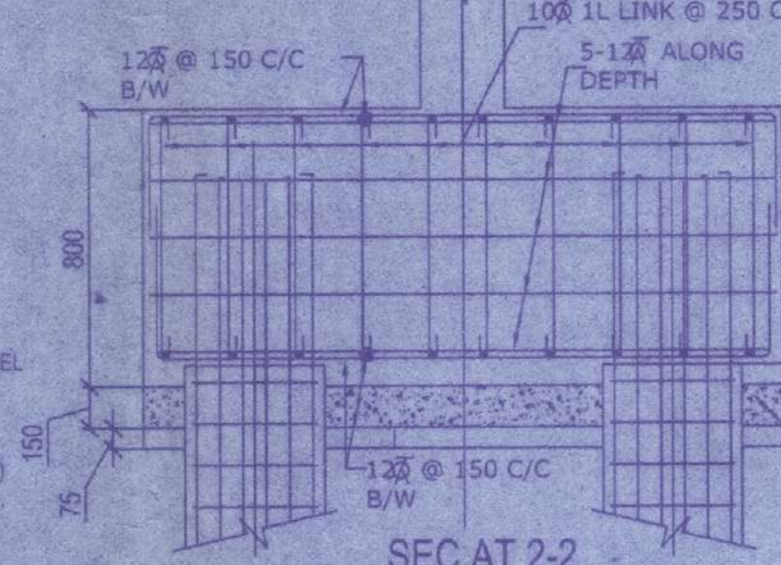
DETAILS CROSS-SECTION OF BEAM MKD.B3 AT V-V



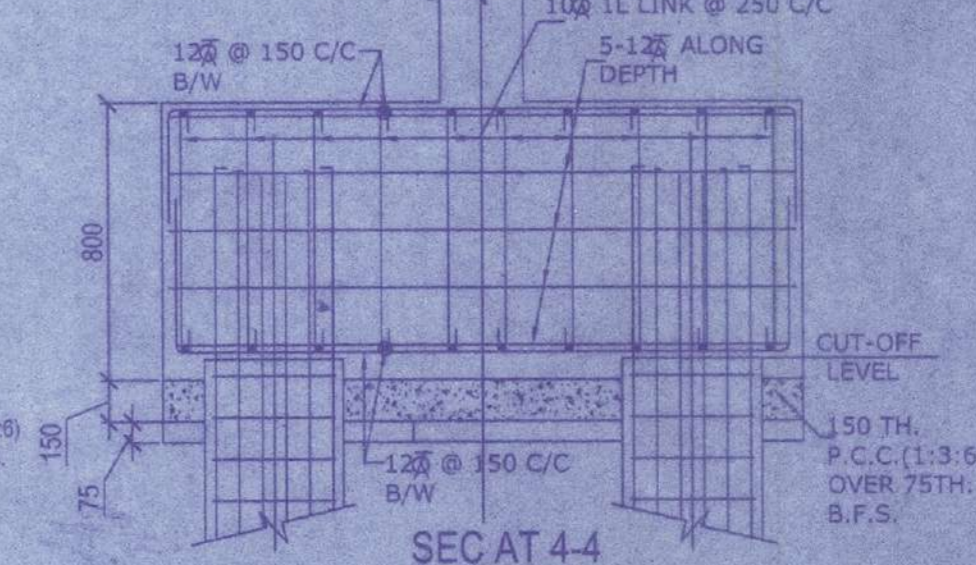
TYPICAL DETAIL OF TIE BEAM SCALE:1:10



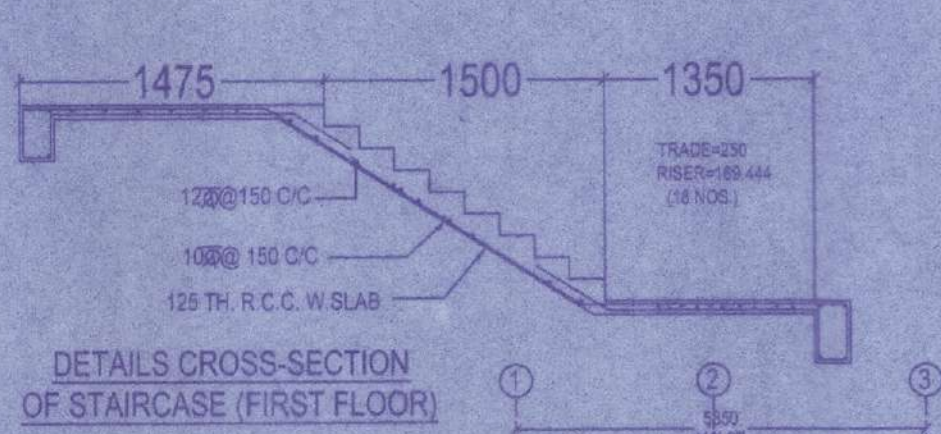
SEC AT 1-1



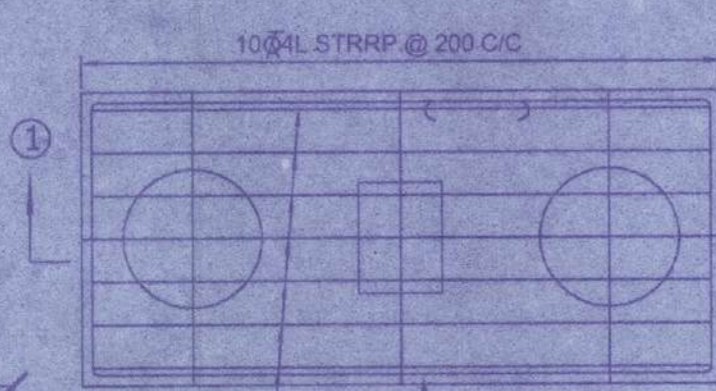
SEC AT 2-2



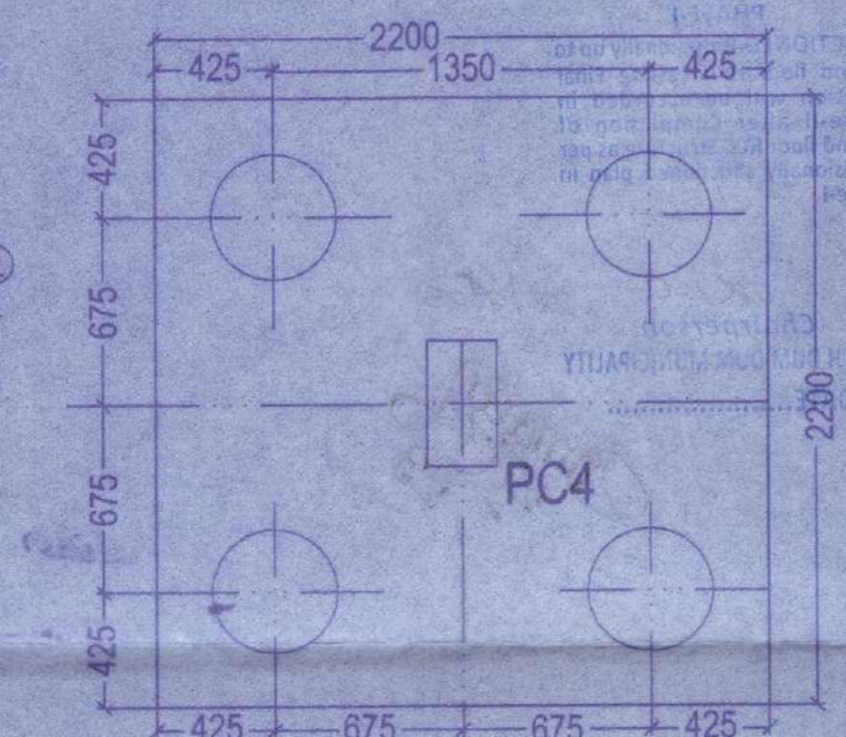
SEC AT 4-4



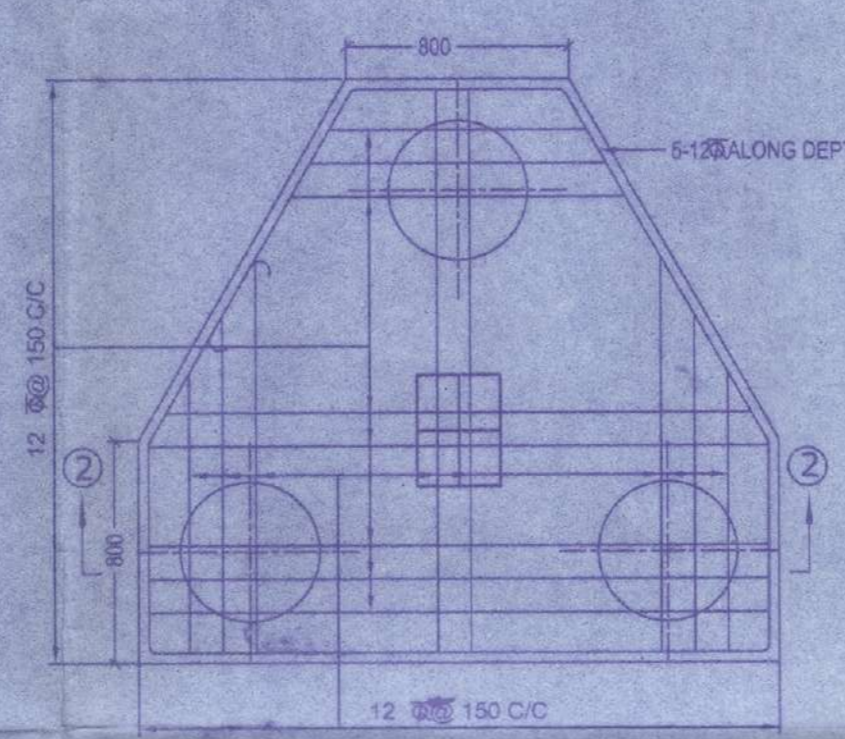
DETAILS CROSS-SECTION OF STAIRCASE (FIRST FLOOR)



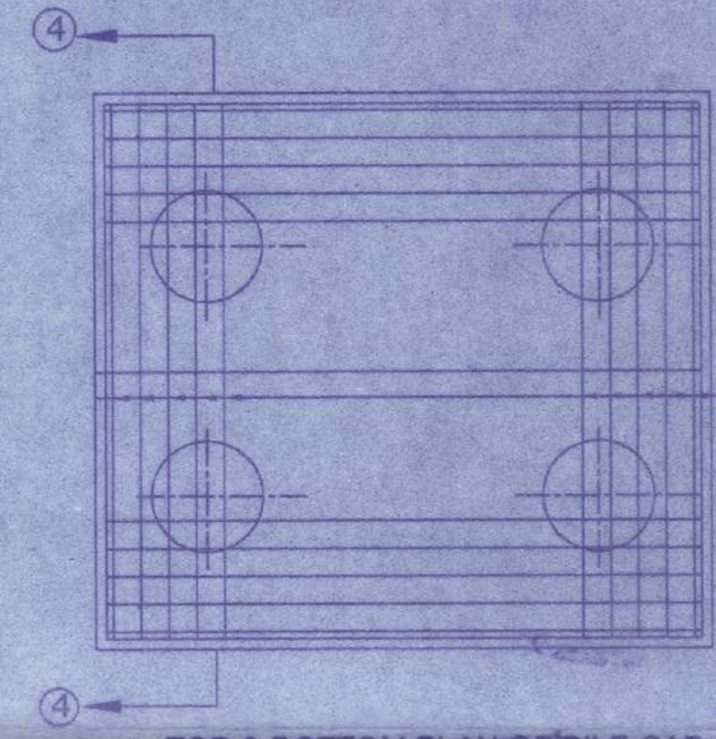
TOP & BOTTOM PLAN OF PILE CAP MKD.PC3 DIA OF PILE=450MM SCALE:1:25



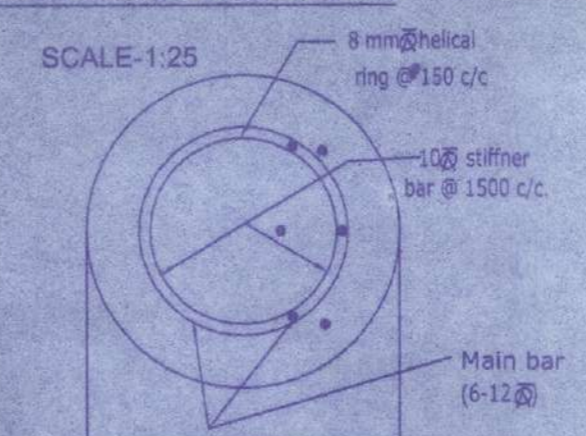
PLAN OF PILE CAP MKD.PC4 DIA OF PILE=450MM. SCALE:1:25



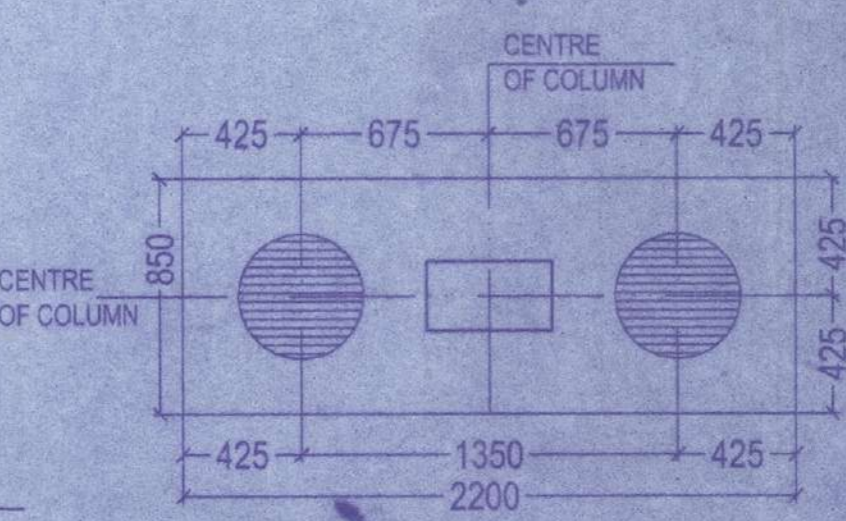
TOP & BOTTOM PLAN OF PILE CAP MKD.PC3 DIA OF PILE=450MM SCALE:1:25



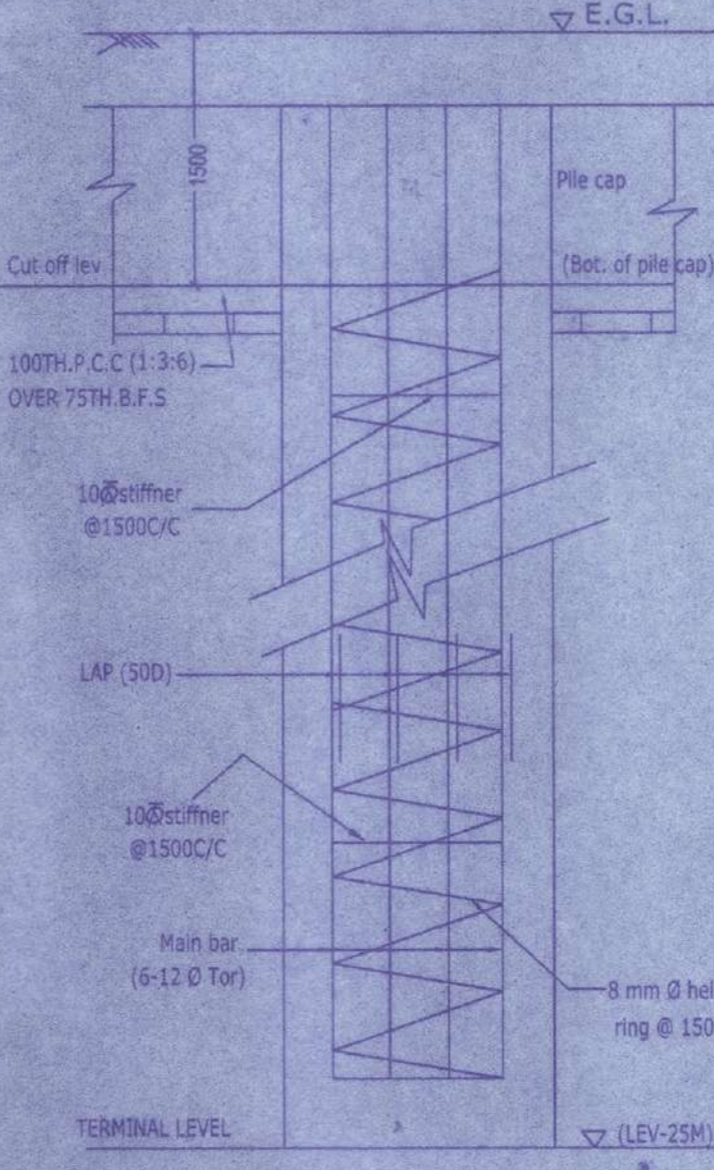
TOP & BOTTOM PLAN OF PILE CAP MKD.PC4 DIA OF PILE=450MM SCALE:1:25



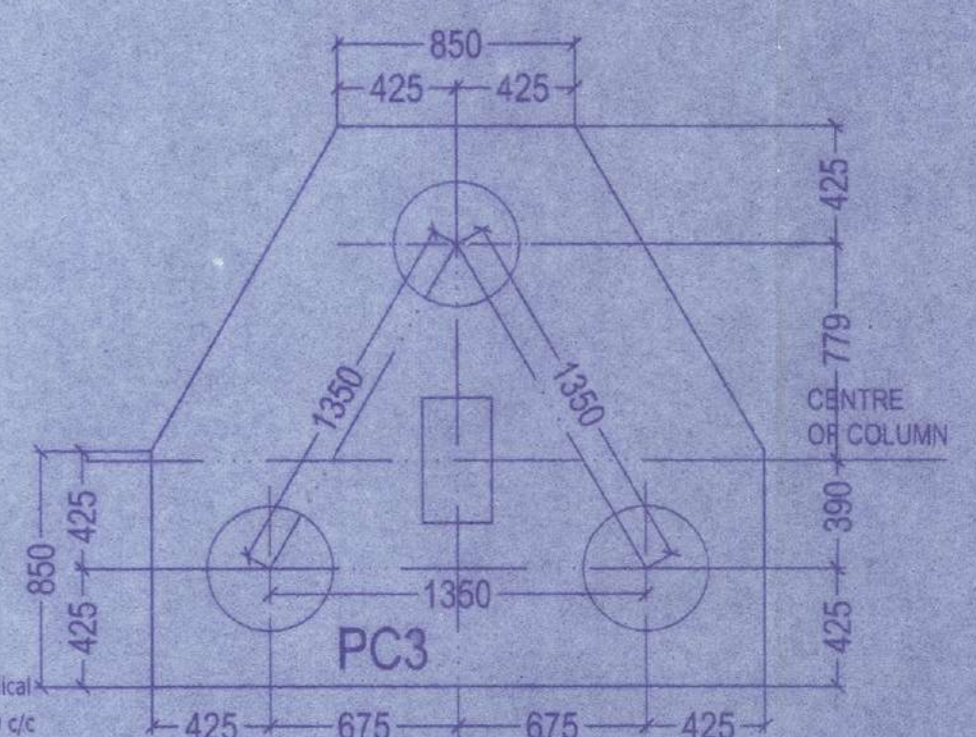
CROSS SECTION OF PILE 450



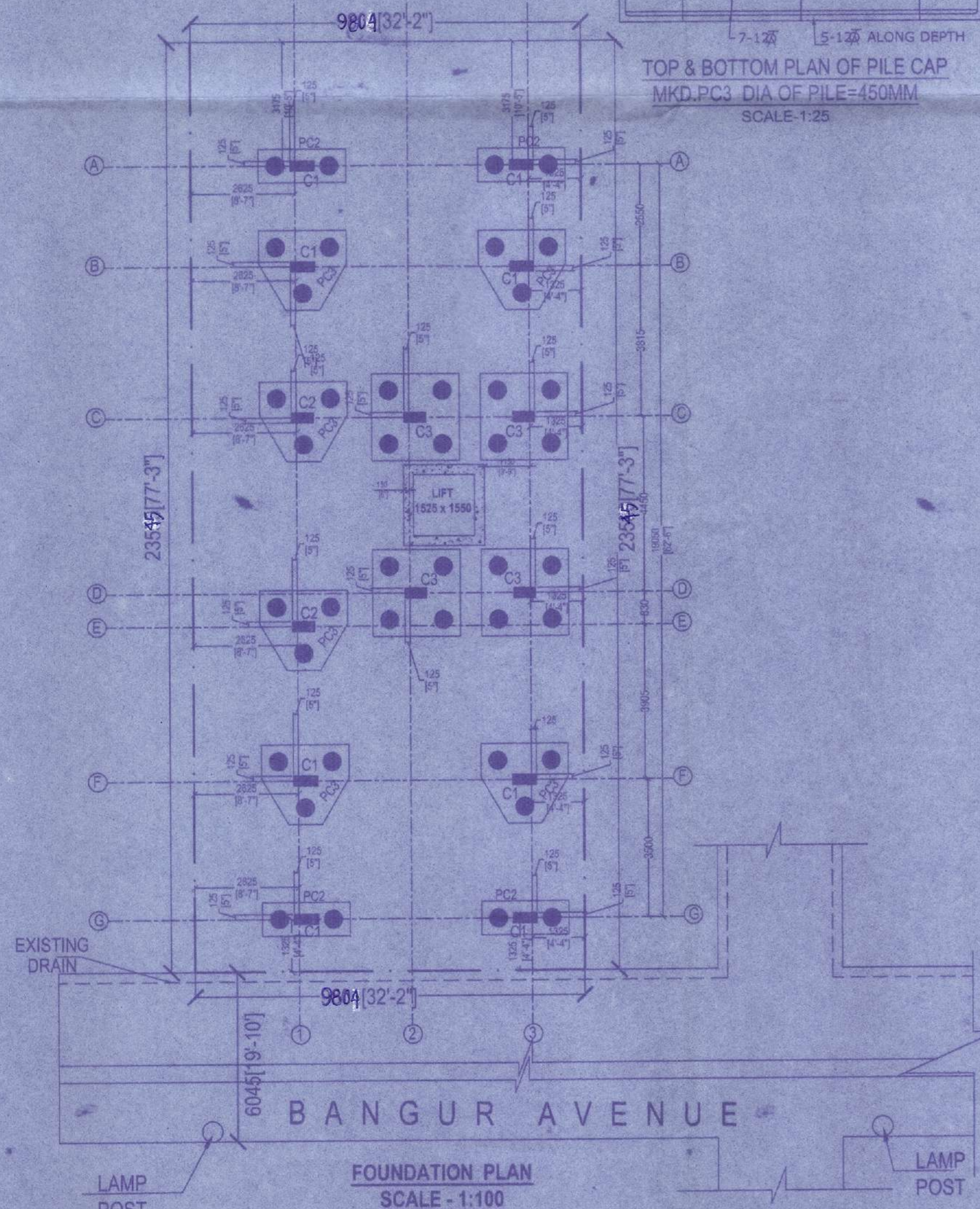
PLAN OF PILE CAP MKD.PC2 DIA OF PILE=450MM. SCALE:1:25



LONGITUDINAL SECTION OF PILE

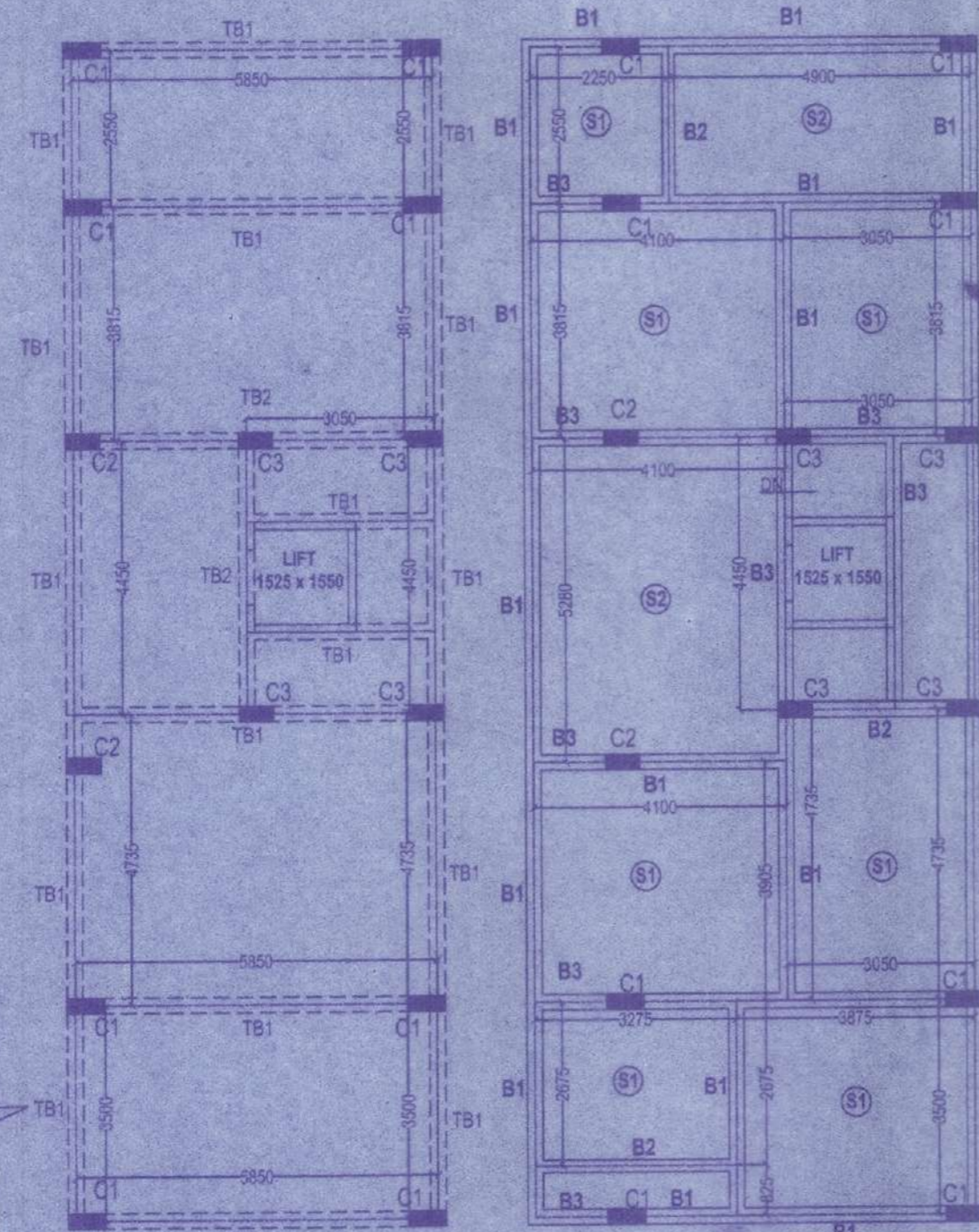


PLAN OF PILE CAP MKD.PC3 DIA OF PILE=450MM. SCALE:1:25



BANGUR AVENUE

FOUNDATION PLAN SCALE - 1:100



TIE BEAM LAYOUT PLAN SCALE - 1:100

BEAM & SLAB LAYOUT PLAN SCALE - 1:100

PROPOSED PLAN OF G+VII STORIED RESEDENTIAL BUILDING AT PREMISES NO-194/1, BANGUR AVENUE, BLOCK-B, KOLKATA- 55; HOLDING NO.-1500, BANGUR AVENUE; C.S. DAG NO. -1305/1328; C.S. KHATIAN NO:834; MOUZA-SHYAM NAGAR; J.L. NO.- 32 / 20; P.S.- LAKE TOWN; UNDER S.D.D.M ; WARD NO.- 29; DIST.- 24 PGS (N).

**SPECIFICATION :-**  
 1. GRADE OF STEEL - Fe500  
 2. GRADE OF CONCRETE - M20  
 3. CLEAR COVER :-  
 SLAB = 20 MM  
 BEAM = 25 MM  
 COLUMN = 40  
 FOUNDATION =  
 SIDE - TOP - 60  
 BOTTOM - 75

**NOTE :**  
 1. ALL DIMENSIONS ARE IN MM. SCALE - AS SHOWN.

**CERTIFICATE OF OWNER**  
 CERTIFIED THAT I SHALL NOT ON A LATER DATE MAKE ANY ADDITION OR ALTERATION TO THIS PLAN SO AS TO CONVERT IT FOR MY USE OR ALLOW IT TO BE USED FOR SEPARATE FLATS / FLOOR/ STOREY. CERTIFIED THAT I HAVE GONE THROUGH THE BUILDING RULES OF THE SOUTH DUM DUM MUNICIPALITY IN VONGUE & ALSO UNDERTAKE TO ABIDE BY THOSE RULES DURING & AFTER CONSTRUCTION OF BUILDING CERTIFIED THAT I ALSO UNDERTAKE TO REPORT OF COMMENCEMENT BEFORE 7 DAYS & COMPLETION WOULD BE REPORTED WITHIN 30 DAYS. I ALSO UNDERTAKE TO REPORT THAT THERE IS NO COURT CASE OR ANY COMPLAINS FROM ANY CORNER IN RESPECT OF MY PROPERTY AS PER PLAN. S.D.D.M WILL NOT BE LIABLE FOR ANY TYPE OF DISPUTE IF ARISES IN FUTURE FURTHER THERE IS NO TENANT IN THE AFORSARD PREMISES.

*Sanjula Holari*  
 SIGNATURE OF OWNER/S

**CERTIFICATE OF ENGINEER**  
 CERTIFIED THAT THE FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN SO DESIGNED BY ME TO BE SAFE IN ALL RESPECT INCLUDING THE BEARING CAPACITY & SETTLEMENT OF SOIL AS PER I.S.I STANDARD & N.B CODE. CERTIFIED THAT THE PLAN HAS BEEN DESIGNED & DRAWN UP STRICTLY ACCORDING TO THE BUILDING RULES OF S.D.D.M I AS A STRUCTURAL ENGINEER HEREBY CERTIFY THAT I INDEMNIF S.D.D.M FROM ANY STRUCTURAL DEFECT OR FAILURE OF PROPOSED BUILDING AFTER OR DURING CONSTRUCTION, HOWEVER STRUCTURAL DESIGN CALCULATIONS ARE SUBMITTED REFERENCE & RECORD.

*Dhiman Bhattacharjee*  
 Dhiman Bhattacharjee  
 Empowered Structural Engineer  
 SDDM  
 Lic No.: SDDM/02/  
 SIG. OF L.B.A./L.B.S.

*Dhiman Bhattacharjee*  
 Dhiman Bhattacharjee  
 Empowered Structural Engineer  
 SDDM  
 Lic No.: SDDM/15/  
 SIG. OF STRUCTURAL ENGINEER

D.J. CONSULTANTS & ASSOCIATES  
 255, DUMDUM PARK, KOL - 55.  
 PHONE NO - 033-3554 8615  
 mail - info@djcon.org





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 two years or for longer as may be provided in the West Bengal Municipal Act, 1953.
2. Sanction is granted on the basis of statements, representations, disclosures & declarations made and information supplied by the applicant. In case it is discovered at a later stage that false or misleading statements were made and that any disclosure/declaration was not existing and/or was not full and complete the sanction will be revoked without prejudice to other action that may be taken by the Municipality.
3. Before commencing construction the site must conform to the sanctioned site plan. The applicant must implement all proposals and representations made in the Plan in full.
4. No alterations may be made from the sanctioned plan and if made the same shall be summarily demolished and the cost of such demolition recovered from the applicant/owner.
5. The duty 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.  
 No rainwater pipe/spout should be so fixed as to discharge rainwater on road/footpath/outside the premises.  
 Sewerage plan for building being constructed in an area served by sewerage network will have to be prepared separately according to Municipal Building Code and sanction for the same obtained before commencing construction of drains.

Within one month after the completion of the erection of a building or the execution of any work the owner of this building must submit a notice of completion to the Municipality in compliance with provisions contained in Rule 32 of the West Bengal Building Rules, 2007. Failure to do so will attract punitive penal measure. No person may occupy or permit to be occupied a building erected or re-erected or altered under the West Bengal Municipal 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

K. C. 27/7/23.  
 Chairperson  
 SOUTH DUM DUM MUNICIPALITY  
 DATE.....  
*(Signature)*  
 27/7/23

*(Signature)*  
 DHIMAN BHATTACHARJEE  
 Licensed Structural Engineer  
 Lic No. 200118

*(Signature)*  
 Dhiman Bhattacharjee  
 Licensed Building Surveyor  
 Class I  
 Lic No. 200118