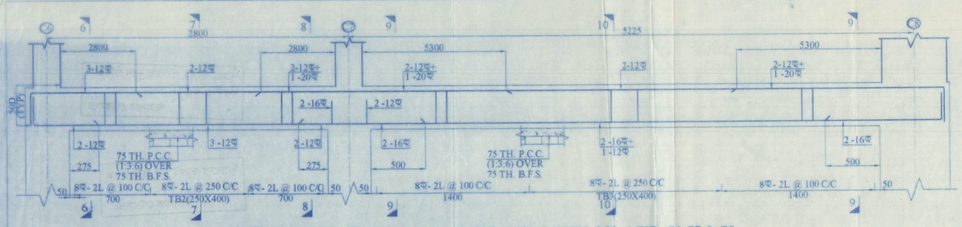


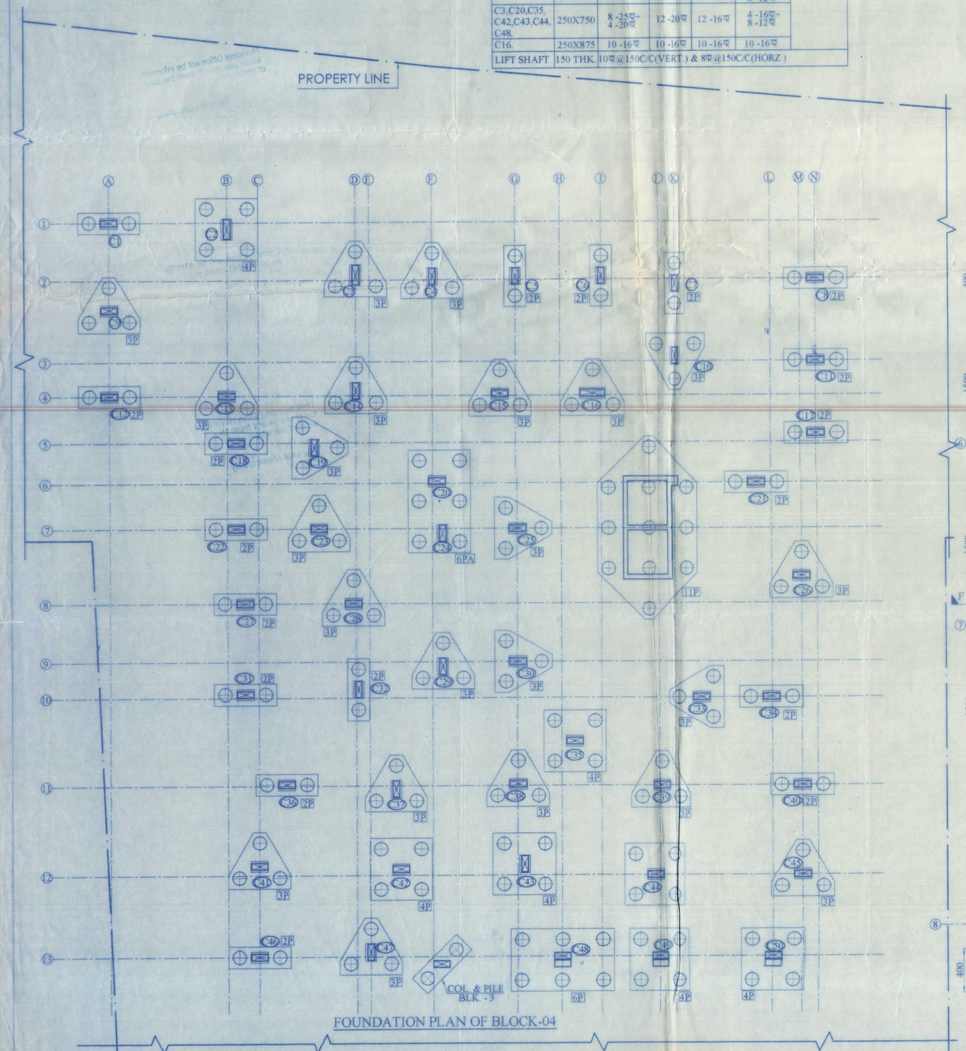
R.C.C DETAILS OF TIE BEAM MKD. TB2 & TB3 ALONG WITH COL. MKD. C6,C7 & C8.

SCHEDULE OF PILE CAP

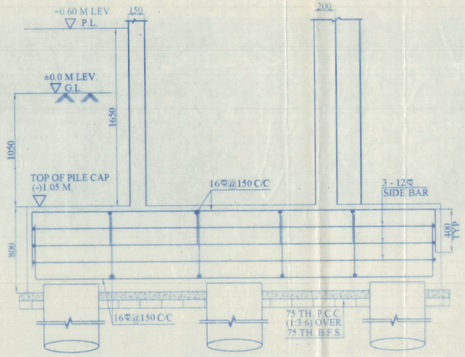
SL. No	PILE CAP MKD.	SIZE	MAIN REINFORCEMENT				SKIN BAR
			ALONG LONGER SIDE		ALONG SHORTER SIDE		
			TOP	BOTTOM	TOP	BOTTOM	
1.	2P	800X2300	7-12ϕ	7-16ϕ	12ϕ@150 C/C	16ϕ@150 C/C	3-12ϕ
2.	3P	AS/DWG.	12ϕ@150 C/C	16ϕ@150 C/C	12ϕ@150 C/C	16ϕ@150 C/C	
3.	4P	2300X2300	12ϕ@125 C/C	16ϕ@125 C/C	12ϕ@125 C/C	16ϕ@125 C/C	
4.	6P	2300X3800	12ϕ@125 C/C	20ϕ@125 C/C	12ϕ@150 C/C	16ϕ@150 C/C	
5.	6PA	2300X3800	16ϕ@125 C/C	20ϕ@125 C/C	16ϕ@150 C/C	16ϕ@150 C/C	
6.	11P	AS/DWG.	16ϕ@125 C/C	16ϕ@125 C/C	16ϕ@125 C/C	16ϕ@125 C/C	

SCHEDULE OF R.C.C. COLUMN

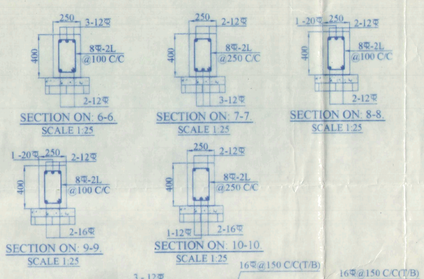
COLUMN MKD.	SIZE	REINFORCEMENT				LINKS
		GR. FL. +1ST FL.	2ND FL. +3RD FL.	4TH FL. +5TH FL.	6TH FL. +7TH FL.	
C1,C5,C6,C7, C8,C11,C12, C18,C21,C22, C23,C25,C27, C28,C34,C36, C40,C45,C46, C49,C50.	250X600	6-20ϕ+ 4-16ϕ	10-16ϕ	4-16ϕ+ 6-12ϕ	10-12ϕ	8ϕ-LINK @ 100,250 C/C
C4,C9,C10, C14,C19,C29, C30,C32.	250X600	12-20ϕ	12-16ϕ	6-16ϕ+ 6-12ϕ	12-12ϕ	
C13,C15,C37, C38,C39,C41, C47.	250X600	8-25ϕ+ 4-20ϕ	8-20ϕ+ 4-16ϕ	12-16ϕ	6-16ϕ+ 6-12ϕ	
C33.	250X600	8-25ϕ+ 4-20ϕ	8-20ϕ+ 4-16ϕ	12-16ϕ	8-16ϕ+ 4-12ϕ	
C2.	250X725	12-25ϕ	12-20ϕ	12-16ϕ	4-16ϕ+ 8-12ϕ	
C3,C20,C35, C42,C43,C44, C48.	250X750	8-25ϕ+ 4-20ϕ	12-20ϕ	12-16ϕ	4-16ϕ+ 8-12ϕ	
C16.	250X875	10-16ϕ	10-16ϕ	10-16ϕ	10-16ϕ	
LIFT SHAFT	150 THK.	10ϕ@150C/C(VERT.) & 8ϕ@150C/C(HORZ.)				



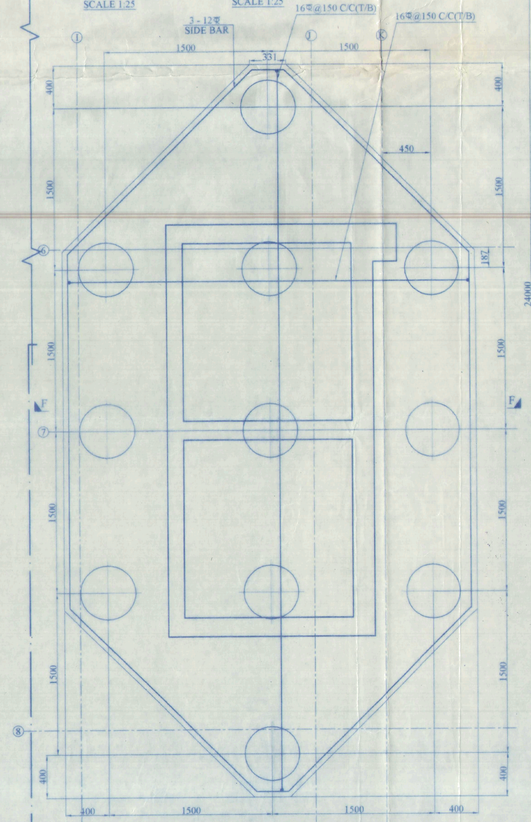
FOUNDATION PLAN OF BLOCK-04



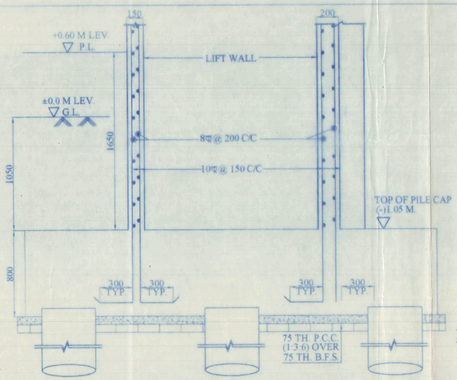
SECTION ON :- F-F
SHOWING PILE CAP REINFORCEMENT
SCALE 1:25



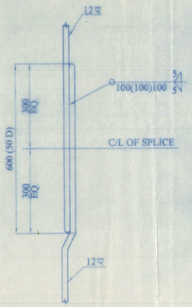
SECTION ON: 6-6
SCALE 1:25
SECTION ON: 7-7
SCALE 1:25
SECTION ON: 8-8
SCALE 1:25
SECTION ON: 9-9
SCALE 1:25
SECTION ON: 10-10
SCALE 1:25



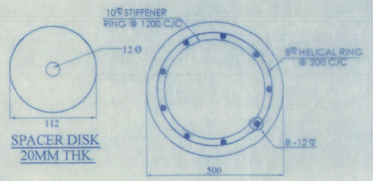
TYPICAL R.C.C. DETAIL OF PILE CAP 11P (500 DIA)
SCALE 1:25



SECTION ON :- F-F
SHOWING PILE CAP REINFORCEMENT
SCALE 1:25



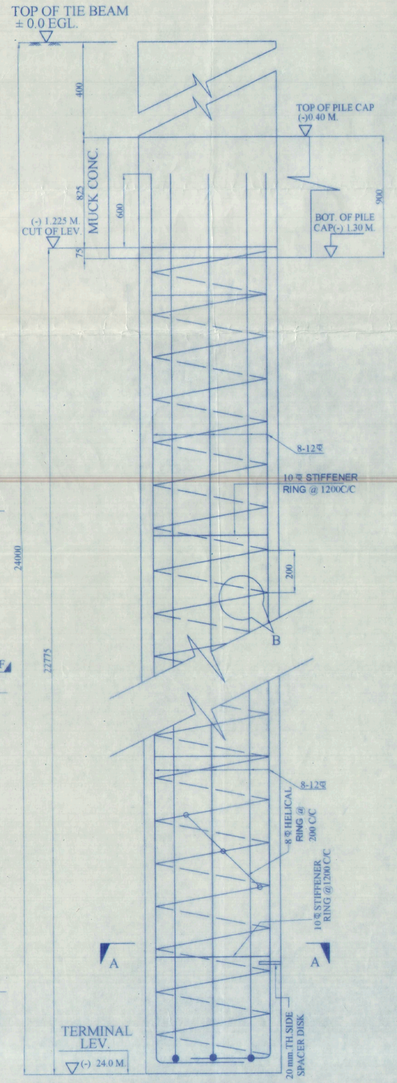
DETAIL - 'B' SHOWING LAP
SHOWING LAP OF 12ϕ & 12ϕ



SPACER DISK
20MM THK.

SECTION ON : A-A

PILE DIA	DEPTH OF PILE	CAPACITY
500	24 m	51.9 TON



LONGITUDINAL SECTION
OF 500 DIA PILE

LONGITUDINAL SECTION OF 500 DIA
PILE FOR 9P BELOW LIFT SHAFT

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
3. ROAD CREST LEVEL IS TAKEN AS ± 0.00 LEV.
4. CLEAR COVER TO MAIN REINFORCEMENT:-
   a) FOUNDATION- 50 MM. b) COLUMN- 40 MM.
   c) TIE BEAM- 50 MM. d) SLAB - 20 MM. e) BEAM- 25 MM.
5. LAP / ANCHORAGE LENGTH SHOULD BE GENERALLY 50D. (D = DIA OF BAR).
6. ϕ -INDICATES DIA OF BAR AS PER I.S 1786.
7. GRADE OF CONCRETE - M-25.
8. GRADE OF STEEL- Fe-500.
9. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING.
10. ALL SORTS OF PRECAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.

ROBUST NIRMAN LLP
Partner

SIG .OF OWNER

CERTIFICATE OF ARCHITECT

I DO HERE BY CONFIRM AND CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN PREPARED BY ME KEEPING THE PROVISION OF N.B.C. OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.

Sanction Serial No. 1800

Building Plan Sanctioned
Meeting Date 26.08.2015

Sanctioned / approved
Chairman

Sanctioned / Approved
Chairperson
Board of Administrator
Barasat Municipality

SUNIL MANIRAMKA, (B. Arch.)
Consulting Architect
Council of Architecture (Regn. No. CA/93/10536)

SIG .OF ARCHITECT
SUNIL MANIRAMKA
74B, A. J. C. BOSE ROAD
KOLKATA-16.

CERTIFICATE OF STRUCTURAL ENGINEER

WE HEREBY CERTIFY THAT THE FOUNDATION AND SUPER STRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON MOUZA- PASCHIM ICHAPUR,J.L. NO-29, Re. Sa. NO. 202, L.R. KHATIAN NO.- 682, L.R. DAG NO.- 1154, WARD NO-07(NEW), HOLDING(NO.- 1532/18, SHASTRIJI ROAD, P.S -BARASAT UNDER BARASAT MUNI-CIPALITY, DIST.-NORTH 24 PARGANAS HAVE BEEN PERSONALLY INSPECTED AND SO DESIGNED BY ME/US WILL MAKE SUCH FOUNDATION AND SUPER STRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL AND OTHER CONDITIONS IF ANY CONFORMING TO ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

CHECKED & VERIFIED
Sub Assistant Engineer
Barasat Municipality

CHANDI PROSAD KHANRA
BE (Civil), ME (Struct.), MIE (India)
ESE - 1/2

ALOK ROY
Empanelled Geotechnical Engineer
Kolkata Municipal Corporation
Class-I, No.- G.T.I/I/11
6A, Milan Park,
Kolkata-700 084

SIG. OF STR. ENGINEER
C. P. KHANRA
18/1, ICHHAPUR ROAD
KADAMTALA, HOWRAH-1

SIG. OF GEO-TECHNICAL ENGINEER
ALOK ROY
6A, MILAN PARK
KOLKATA-700084

PLAN OF PROPOSED G+7 (25.0 M. HT.) STORIED RESIDENTIAL COMPLEX AT MOUZA-PASCHIM ICHAPUR, J.L. NO-29, Re. Sa.NO-202, L.R.KHATIAN NO.- 682, L.R. DAG NO.-1154 WARD NO-07(NEW),28(OLD) HOLDING NO.-1532/18, SHASTRIJI ROAD, P.S - BARASAT, UNDER BARASAT MUNICIPALITY, DIST.- NORTH 24 PARGANAS. PREVIOUS BUILDING PLAN SANCTION SERIAL NO. 869. MEETING DATE : 26.08.2015

SANCTION DRAWING

BLOCK 4

FOUNDATION PLAN WITH TYPICAL DETAILS & SCHEDULE

STRUCTURAL CONSULTANTS : Mr. Chandi Prosad Khanra BE (CIVIL), ME (STRUC.), MIE (INDIA).

SHEET NO. 07

DATE : 14.05.18 | SCALE : 1:100.25 | DEALT : PROBHAT | DRG.NO. : CPK/MANI/BARASAT/BLK -4 / CORP / ST/ 18/01

ARCHITECTS :
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