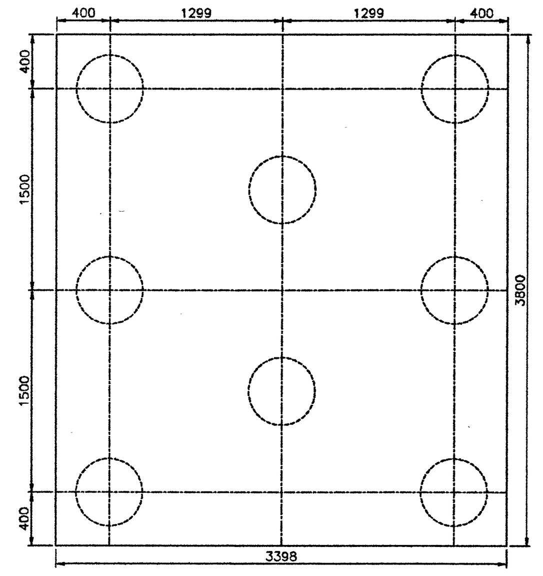
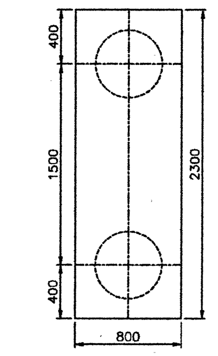
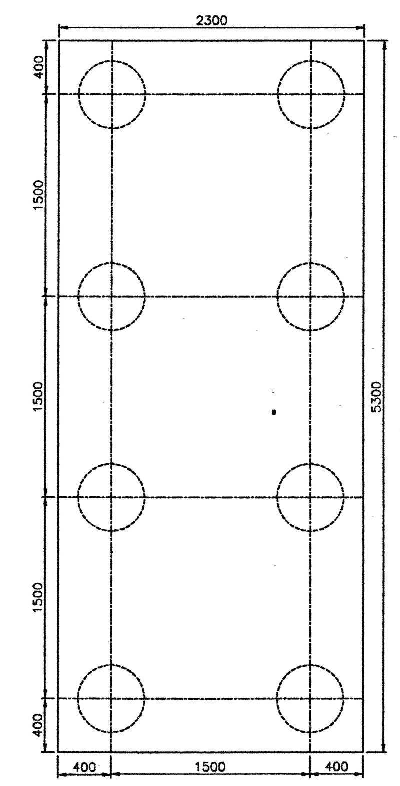


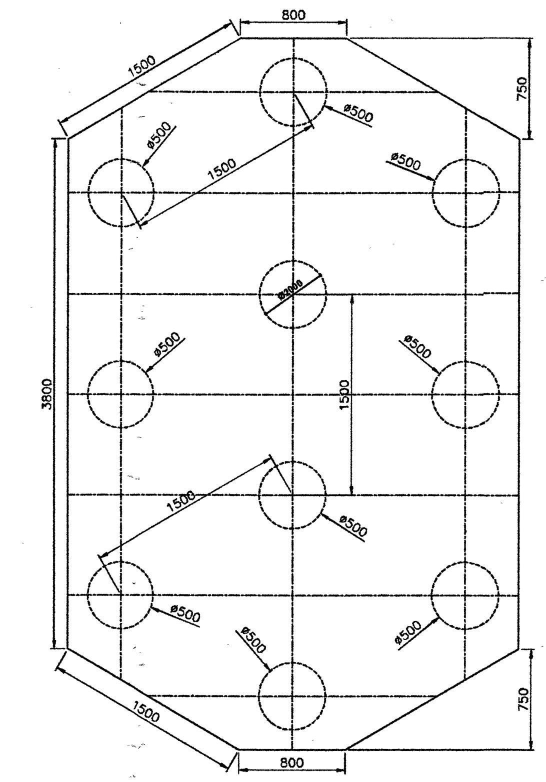
DETAILS OF P-8 PILE CAP
SCALE:- 1:25



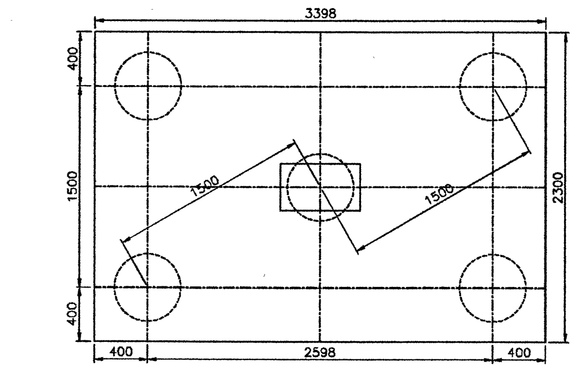
DETAILS OF P-2 PILE CAP
SCALE:- 1:25



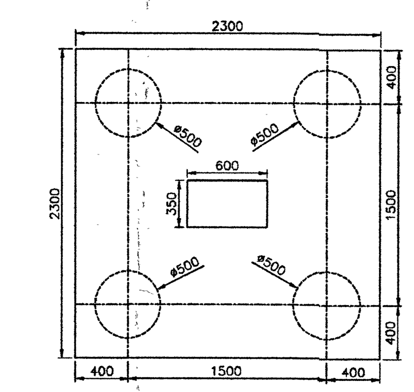
DETAILS OF P-8 PILE CAP
SCALE:- 1:25



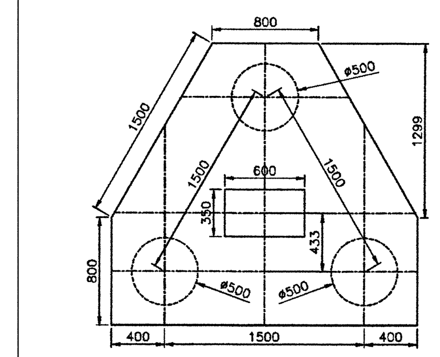
DETAILS OF P-10 PILE CAP
SCALE:- 1:25



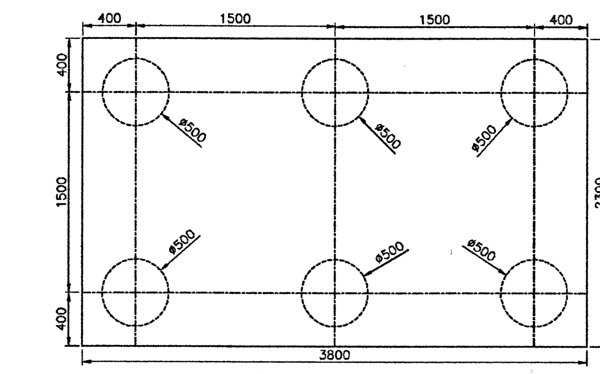
DETAILS OF P-5 PILE CAP
SCALE:- 1:25



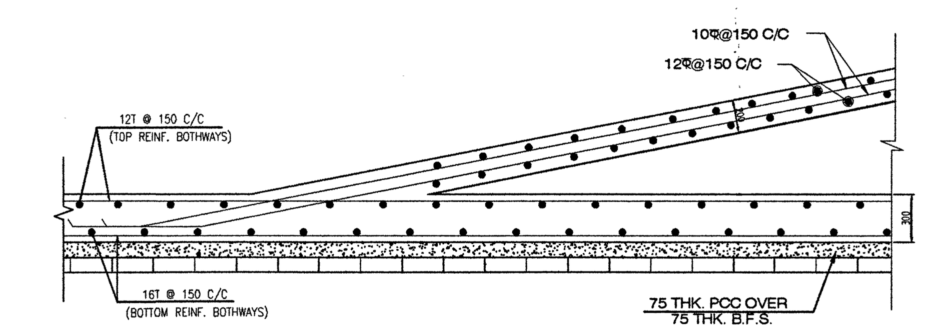
DETAILS OF P-4 PILE CAP
SCALE:- 1:25



DETAILS OF P-3 PILE CAP
SCALE:- 1:25

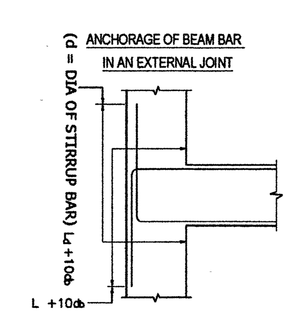


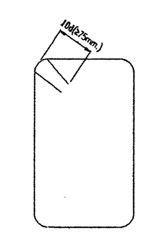
DETAILS OF P-6 PILE CAP
SCALE:- 1:25



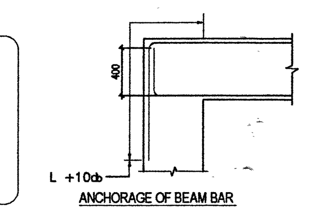
TYPICAL DETAIL OF RAMP
RAMP 4.0 MTRS WIDE
GRADIENT - 1:6

CLEAR COVER	
FOUNDATION	50
COLUMN	40
BEAM	25
SLAB	20

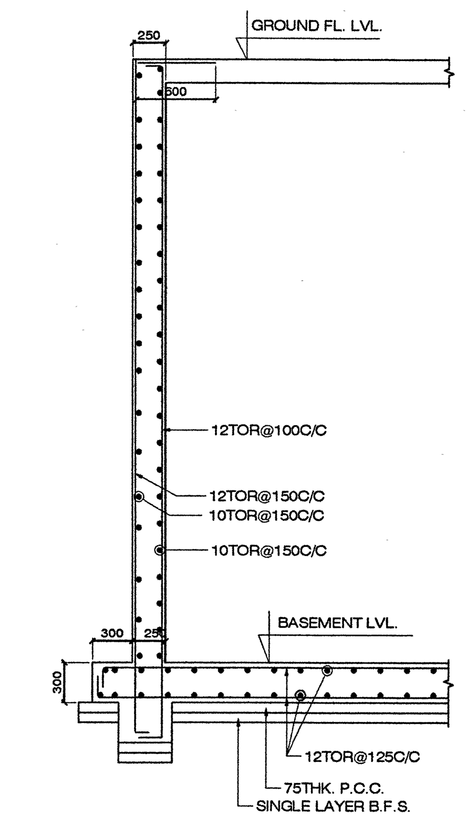




STIRRUP DETAIL

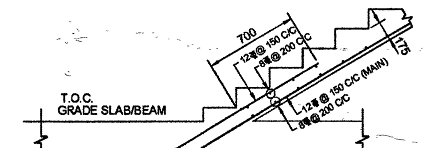


ANCHORAGE OF BEAM BAR
IN AN EXTERNAL JOINT(IN ROOF)
(Ld = DEV. LENGTH OF BAR, db = DIA. OF BAR)



TYPICAL DETAILS OF
250 THK. RETAINING WALL & BASEMENT SLAB

SCHEDULE OF COLUMNS_BLOCK B_ (SCALE - 1:25)					
COLUMN MARKED	COLUMN NO.S	COLUMN SIZE	FROM FOUNDATION TO ABOVE	STIRRUP ARRANGEMENT & SPACING NEAR JUNCTION	STIRRUP ARRANGEMENT & SPACING REST PORTION
C41, C42, C72, C74, C75, C76, C77	07	B X D 350 X 600	350 × 600; •14 - 20 Ø	(THREE NOS. TIES + ONE LINK) 8 Ø @ 80 C/C	(THREE NOS. TIES + ONE LINK) 8 Ø @ 150 C/C
C43, C45, C46, C52, C54, C55, C61, C62, C66	09	B X D 350 X 600	350 × 600; •4 - 25 Ø •8 - 20 Ø	(THREE NOS. TIES + ONE LINK) 8 Ø @ 80 C/C	(THREE NOS. TIES + ONE LINK) 8 Ø @ 150 C/C
C50, C56, C58, C59, C65, C67, C68, C73	08	B X D 350 X 600	350 × 600; •4 - 25 Ø •10 - 20 Ø	(TWO NOS. TIES + ONE LINK) 8 Ø @ 80 C/C	(TWO NOS. TIES + ONE LINK) 8 Ø @ 150 C/C
C44, C47, C48, C49, C51, C53, C60, C63, C64, C69, C70, C71	12	B X D 350 X 600	350 × 600; •8 - 25 Ø •6 - 20 Ø	(THREE NOS. TIES + ONE LINK) 8 Ø @ 80 C/C	(THREE NOS. TIES + ONE LINK) 8 Ø @ 150 C/C



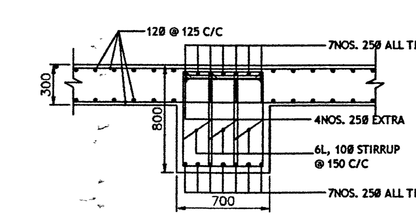
R.C.C. OF STARTING OF STAIR

PILE SCHEDULE				
GRADE OF CONCRETE - M25				
MINIMUM CEMENT CONTENT IN CONCRETE WILL BE = 400kg/m				
TYPE	DIA OF PILE	TERMINATION LEVEL	REINFORCEMENT	CAPACITY
⊕	500 ø	-17.00M.	6 - 16 TOR	840 K.N

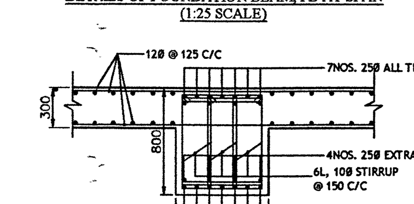
BEAM SCHEDULE (BLOCK - B)

BEAM NUMBERS	SIZE		BOTTOM REINFORCEMENT			TOP REINFORCEMENT			SHEAR STIRRUPS		
	B	D	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT
B5	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	12-2L-T8@120 C/C	8-2L-T8@145 C/C	9-2L-T8@170 C/C
B6	300	500	3-T16	3-T16	3-T16	4-T16	4-T16	4-T16	4-2L-T8@180 C/C	2-2L-T8@180 C/C	4-2L-T8@180 C/C
B7	300	500	3-T16	3-T16	3-T16	4-T16	4-T16	4-T16	5-2L-T8@115 C/C	3-2L-T8@120 C/C	5-2L-T8@125 C/C
B8	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	8-2L-T8@180 C/C	6-2L-T8@180 C/C	8-2L-T8@180 C/C
B9	300	500	4-T16	4-T16	4-T16	3-T20	3-T16	3-T25	11-2L-T8@140 C/C	13-2L-T8@100 C/C	17-2L-T8@90 C/C
B10	300	500	3-T16	3-T16	3-T16	3-T25	3-T16	3-T16	6-2L-T8@180 C/C	4-2L-T8@180 C/C	4-2L-T8@300 C/C
B17	300	500	4-T16 + 2-T16	4-T16 + 2-T16	4-T16 + 2-T16	3-T20 + 3-T20	3-T20	3-T20	11-2L-T8@165 C/C	8-2L-T8@180 C/C	22-2L-T8@75 C/C
B20	300	500	4-T16	4-T16 + 4-T16	4-T16	3-T20	3-T25	3-T25	20-2L-T10@85 C/C	16-2L-T10@95 C/C	16-2L-T10@110 C/C
B21	300	500	4-T16	4-T16	4-T16	3-T25	3-T25	3-T25	8-2L-T10@100 C/C	6-2L-T10@105 C/C	8-2L-T10@105 C/C
B22	300	500	3-T16	3-T16	3-T16	3-T25	3-T25	3-T25	7-2L-T8@160 C/C	6-2L-T8@150 C/C	8-2L-T8@140 C/C
B23	300	500	3-T16	3-T16	3-T16	3-T25	3-T16	3-T16	13-2L-T8@100 C/C	10-2L-T8@115 C/C	11-2L-T8@130 C/C
B24	300	500	4-T16	4-T16	4-T16	3-T16	3-T16	3-T20 + 3-T20	7-2L-T8@90 C/C	6-2L-T8@80 C/C	8-2L-T8@80 C/C
B25	300	500	4-T16	4-T16	4-T16	3-T20 + 3-T20	3-T25	3-T16	7-2L-T10@115 C/C	5-2L-T10@115 C/C	7-2L-T10@115 C/C
B33	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	7-2L-T8@170 C/C	6-2L-T8@140 C/C	8-2L-T8@135 C/C
B34	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	10-2L-T8@180 C/C	8-2L-T8@180 C/C	13-2L-T8@140 C/C
B39	300	500	4-T16	4-T16 + 2-I16	4-T16	4-T16	4-T16	4-T16	17-2L-T10@160 C/C	30-2L-T10@80 C/C	32-2L-T10@80 C/C
B41	300	500	3-I16	3-I16	3-I16	3-I16	3-I16	3-I16	6-2L-T8@180 C/C	4-2L-T8@180 C/C	6-2L-T8@180 C/C
B42	300	500	3-T16	3-T16	3-T16	4-T16	4-T16	4-T16	6-2L-T8@180 C/C	4-2L-T8@180 C/C	6-2L-T8@180 C/C
B43	300	500	4-T16	4-T16	4-T16	3-T16	3-T16	3-T16	18-2L-T8@85 C/C	15-2L-T8@95 C/C	17-2L-T8@95 C/C
B44	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	10-2L-T8@155 C/C	7-2L-T8@175 C/C	9-2L-T8@180 C/C
B45	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	6-2L-T8@180 C/C	2-2L-T8@300 C/C	6-2L-T8@180 C/C
B46	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	6-2L-T8@180 C/C	2-2L-T8@300 C/C	6-2L-T8@180 C/C
B47	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	5-2L-T8@300 C/C	3-2L-T8@300 C/C	5-2L-T8@300 C/C
B48	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	7-2L-T8@180 C/C	3-2L-T8@300 C/C	7-2L-T8@180 C/C
B49	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	7-2L-T8@180 C/C	5-2L-T8@180 C/C	7-2L-T8@180 C/C
B52	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	6-2L-T8@180 C/C	4-2L-T8@180 C/C	6-2L-T8@180 C/C
B53	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	9-2L-T8@180 C/C	7-2L-T8@180 C/C	9-2L-T8@180 C/C
B54	300	500	3-T25 + 3-T20	3-T25	3-T25 + 2-T20	3-T25 + 3-T25	3-T25	3-T25 + 3-T25	14-2L-T8@140 C/C	15-2L-T8@110 C/C	18-2L-T8@105 C/C
B55	300	500	3-T25 + 2-T16	3-T25	3-T25 + 3-T16	3-T25 + 3-T25	3-T25	3-T25 + 2-T25	12-2L-T8@155 C/C	21-2L-T8@80 C/C	24-2L-T8@75 C/C
B56	300	500	4-T16 + 4-T16	4-T16 + 2-T16	4-T16	3-T25 + 2-T25	3-T25	3-T20	8-2L-T8@145 C/C	6-2L-T8@150 C/C	11-2L-T8@105 C/C
B57	300	500	3-T16	3-T16	3-T16	3-T20	3-T16	3-T16	6-2L-T8@180 C/C	4-2L-T8@180 C/C	6-2L-T8@180 C/C
B58	300	500	3-T16	3-T16	3-T16	3-T25	3-T25	3-T25	6-2L-T10@95 C/C	4-2L-T10@95 C/C	6-2L-T10@95 C/C
B59	300	500	3-T16	3-T16	3-T16	3-T25	3-T25	3-T25	5-2L-T8@300 C/C	3-2L-T8@300 C/C	5-2L-T8@300 C/C
B60	300	500	3-T25	3-T25 + 2-T20	3-T25 + 3-T20	3-T25	3-T25	3-T25 + 2-T20	12-2L-T8@90 C/C	8-2L-T8@110 C/C	9-2L-T8@125 C/C
B66	300	500	4-T25	4-T25 + 2-T16	4-T16 + 2-T16	3-T25 + 3-T25	3-T25 + 3-T25	3-T25 + 3-T25	6-2L-T8@95 C/C	4-2L-T8@95 C/C	6-2L-T8@95 C/C
B67	300	500	3-T25 + 2-T25	3-T25	3-T25 + 3-T25	3-T25 + 3-T25	3-T25	3-T25 + 3-T25	16-2L-T8@75 C/C	14-2L-T8@75 C/C	14-2L-T8@85 C/C
B68	300	500	3-T16	3-T16	3-T16	4-T16	4-T16	4-T16	13-2L-T8@135 C/C	8-2L-T8@180 C/C	10-2L-T8@180 C/C
B69	300	500	3-T16	3-T16	3-T16	4-T16	4-T16	4-T16	7-2L-T8@180 C/C	5-2L-T8@180 C/C	7-2L-T8@180 C/C
B70	300	500	3-T16	3-T16	3-T16	4-T16	4-T16	4-T16	7-2L-T8@180 C/C	5-2L-T8@180 C/C	7-2L-T8@180 C/C
B86	300	500	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	5-2L-T8@85 C/C	3-2L-T8@85 C/C	5-2L-T8@85 C/C
B90	300	500	4-T16 + 2-T16	4-T16 + 2-T16	4-T16	3-T20	3-T20	3-T20	11-2L-T10@180 C/C	16-2L-T10@100 C/C	18-2L-T10@100 C/C
B91	300	500	3-T20 + 3-T20 + 3-T16	3-T20 + 2-T20	3-T20 + 2-T20	3-T25 + 3-T25 + 2-T16	3-T16	3-T25 + 3-T25 + 2-T16	23-2L-T8@135 C/C	16-2L-T8@175 C/C	17-2L-T8@180 C/C
B92	300	500	3-T20 + 3-T20 + 3-T16	3-T20	3-T20 + 3-T20 + 2-T16	3-T25 + 3-T25 + 2-T16	3-T25	3-T20 + 3-T20 + 3-T20	10-2L-T10@100 C/C	8-2L-T10@100 C/C	10-2L-T10@100 C/C
B93	300	500	3-T25 + 2-T25	3-T25 + 2-T25	3-T25 + 3-T25	3-T20 + 3-T20 + 3-T20	3-T20	3-T25 + 3-T25 + 3-T16	18-2L-T10@140 C/C	12-2L-T10@180 C/C	23-2L-T10@110 C/C
B94	300	500	3-T25 + 3-T16	3-T25	3-T25 + 2-T16	3-T25 + 3-T20	3-T25	3-T25 + 3-T20	13-2L-T8@125 C/C	8-2L-T8@175 C/C	11-2L-T8@155 C/C
B95	300	500	4-T16 + 4-T16	4-T16	4-T16	3-T25 + 3-T20	3-T25	3-T16	10-2L-T10@95 C/C	4-2L-T10@180 C/C	6-2L-T10@180 C/C
B96	300	500	4-T16	4-T16 + 2-T16	4-T16	3-T16	3-T16	3-T16	14-2L-T8@125 C/C	13-2L-T8@115 C/C	11-2L-T8@170 C/C
B97	300	500	3-T16	3-T16	3-T16	4-T16	4-T16	4-T16	5-2L-T8@180 C/C	3-2L-T8@180 C/C	5-2L-T8@180 C/C

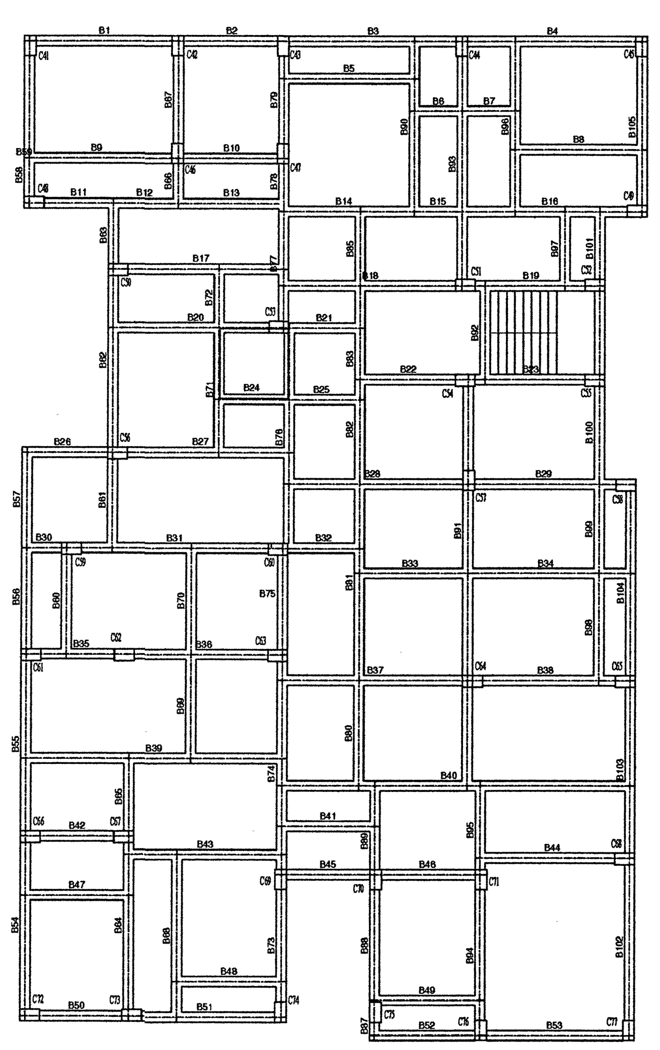
SCHEDULE OF SLABS							
SLAB MKD.	SLAB THK. (mm)	REINFORCEMENT					
		ALONG SHORTER DIRECTION			ALONG LONGER DIRECTION		
		DISCON.SUP. (TOP)	SPAN (BOTT.)	CONT. SUP. (TOP)	DISCON.SUP. (TOP)	SPAN (BOTT.)	CONT. SUP. (TOP)
S1	150	10Φ @115 C/C	10Φ @115 C/C	10Φ @115 C/C	8Φ @125 C/C	10Φ @125 C/C	8Φ @125 C/C



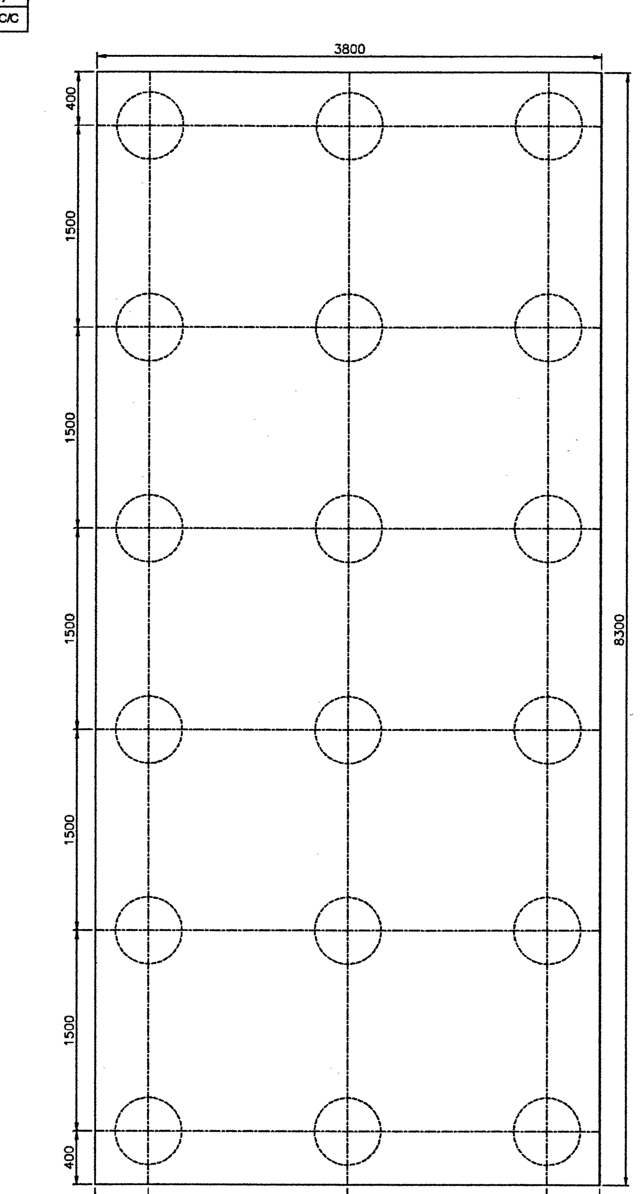
DETAILS OF FOUNDATION BEAM, FB AT SPAN
(1:25 SCALE)



DETAILS OF FOUNDATION BEAM, FB AT SUPPORT
(1:25 SCALE)



BEAM SLAB LAYOUT(BLOCK- B)
SCALE:- 1:100



DETAILS OF P-18 PILE CAP
SCALE:- 1:25

SPECIFICATIONS:-

1. ALL DIMENSIONS ARE IN M.M. UNLESS OTHERWISE STATED.
2. ALL R.C.C. MEMBERS ARE IN M-25 GRADE OF CONCRETE.
3. USE Fe-550 GRADE OF STEEL CONFORMING TO I.S. CODES.
4. SAFE BEARING CAPACITY OF SOIL IS AS PER SOIL TEST REPORT.
5. CLEAR COVER TO MAIN REIN. IS AS PER BELOW :-
a). FOUNDATION - 50 MM.
b). COLUMN - 40 MM.
c). BEAM - 25 MM.
d). SLAB - 20 MM.
6. WRITTEN DIMENSIONS SHOULD BE FOLLOWED.
7. ALL FLOORS ARE WATER TIGHT.
8. ALL OTHERS WORKS AS PER I.S. CODES & NATIONAL BUILDING CODE OF INDIA.

CERTIFICATE OF OWNER :-

WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT, WE SHALL ENGAGE L.B.S & E.S.E. DURING CONSTRUCTION. WE SHALL FOLLOW THE INSTRUCTION OF L.B.S & E.S.E DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN). AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURE. IF ANY SUBMITTED DOCUMENT ARE FOUND FAKE, THE AUTHORITY MAY REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF S.U.G.W.R WILL BE TAKEN UNDER THE GUIDANCE OF L.B.S. /.E.S.E. BEFORE STARTING OF BUILDING FOUNDATION.EXISTING STRUCTURE TO BE DEMOLISHED BEFORE COMMENCEMENT OF WORK. IT IS FULLY OCCUPIED BY THE OWNER. THERE IS NO TENANT.

S. N. BUILDERS & DEVELOPERS
Partner

SIGNATURE OF OWNERS

CERTIFICATE OF ARCHITECT / L.B.S. :-

CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS DRAWN UP AS PER PROVISION OF WEST BENGAL MUNICIPAL BUILDING RULES 2007, AS AMENDED FROM TIME TO TIME AND THE SITE CONDITION INCLUDING THE ABUTTING ROAD IS CONFIRMED WITH THE PLAN. IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. IT IS FULLY OCCUPIED BY THE OWNER. THERE IS NO TENANT.

AR. JUI CHATTERJEE, B-ARCH
Registration No : CA/2021/134352
Ph : 9434649399, 7585893411
4/13, Suhatta Commercial Complex,
City Centre, Durgapur - 713216

SIGNATURE OF L. B. S./ARCHITECT

CERTIFICATE OF STRUCTURAL ENGINEER :-

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C OF INDIA AND BASIS OF SOIL INVESTIGATION REPORT .IT IS CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

RUPAK KUMAR BANERJEE
B.C.E.,M.E.,M.I.G.S.,
ESE-1/144 (K.M.C.), BM/SE-I/003
92/RJPSON/ESE, STE-I/HM-02
ESE-I/45 (H.M.C.), 02/CL-I/ESE/RM
BM/S.T-I/23-24/131
DMC/BPD/ST-I/35

SIGNATURE OF STRUCTURAL ENGINEER

G.T.E. DECLARATION :-
UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE & STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

RUPAK KUMAR BANERJEE
B.C.E.,M.E.,M.I.G.S.,M.I.E.,
G.T./I/3 (K.M.C.), BM/GEO-TECH-I/002
GTE-I/HM-02, GTER-HIDCO/09/00014
03/CL-I/EGE/RM;BBM/BD/19
BM/G.T.E.-I/23-24/130
DMC/BPD/GEO-1/36

SIGNATURE OF GEO-TECHNICAL ENGINEER

PROJECT NAME :-

PROPOSED EIGHT (B+G+7) RESIDENTIAL APARTMENT OF OWNER : S.N.BUILDERS AND DEVELOPERS REPRESENTED BY SAMIRAN CHATTERJEE, JAYANTA BANERJEE AND NRIPEN DHANG OVER R.S. PLOT NO:-1531,L.R. PLOT NO.-1531, L.R. KHATIAN NO.-2164,J.L. NO.53 OF MOUZA-BAIKUNTHAPUR, P.S.-SONAMUKHI, DIST. BANKURA

SCALE 1:100; 1:25 (UNLESS OTHERWISE MENTIONED)	SHEET NO. - 2