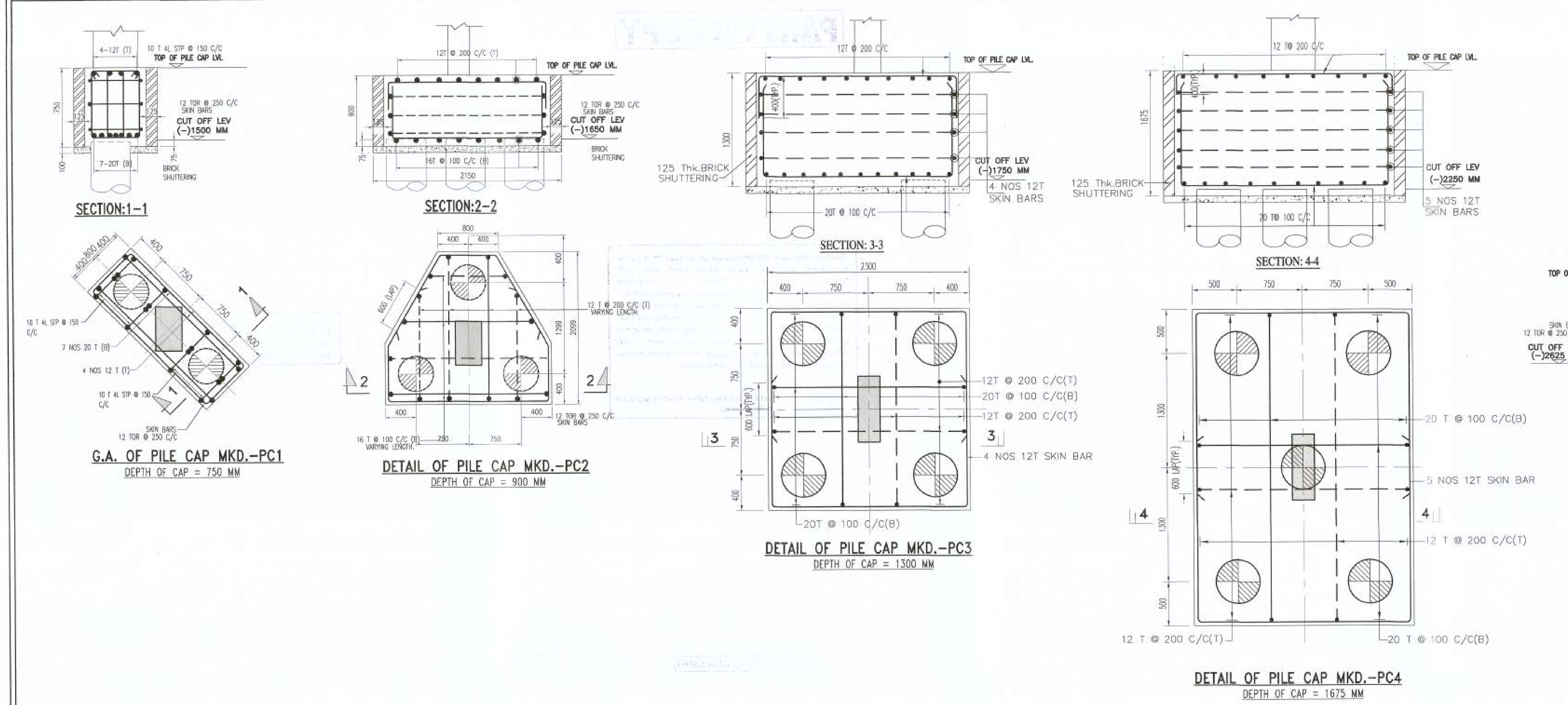
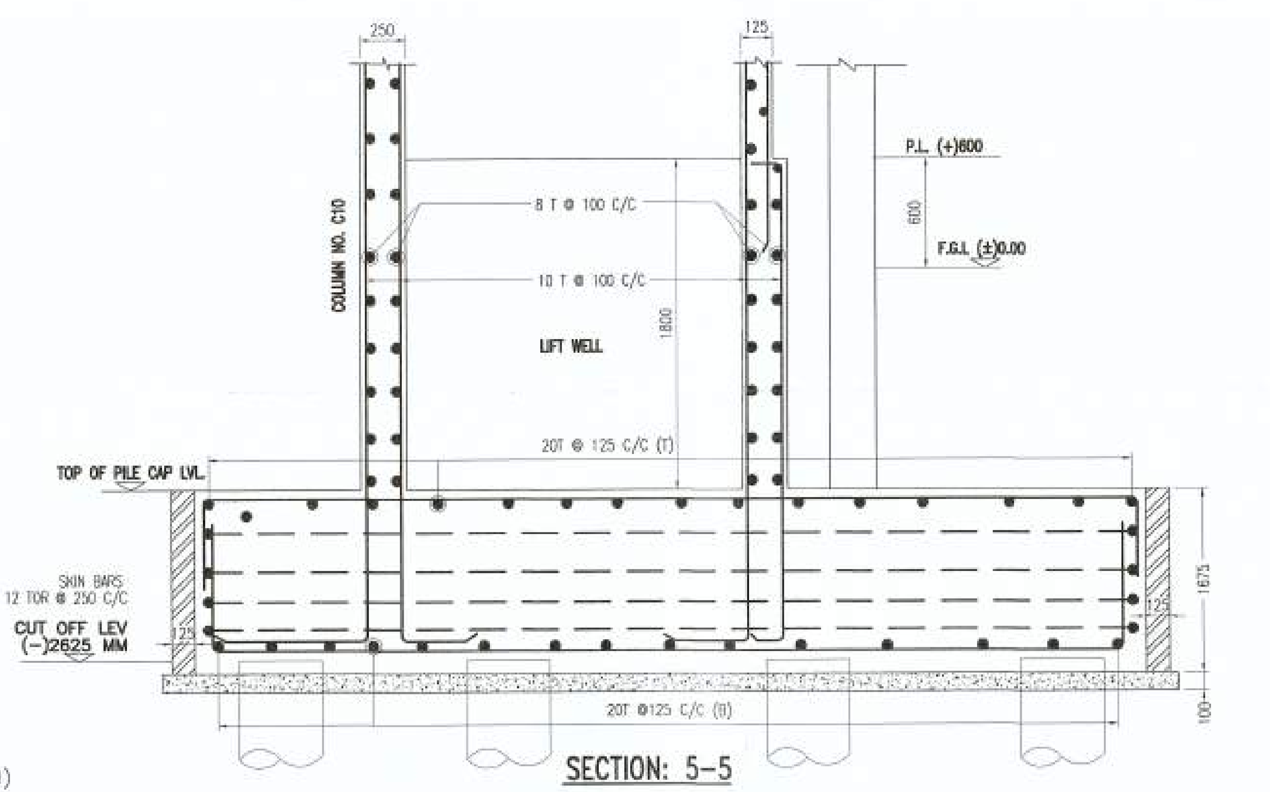
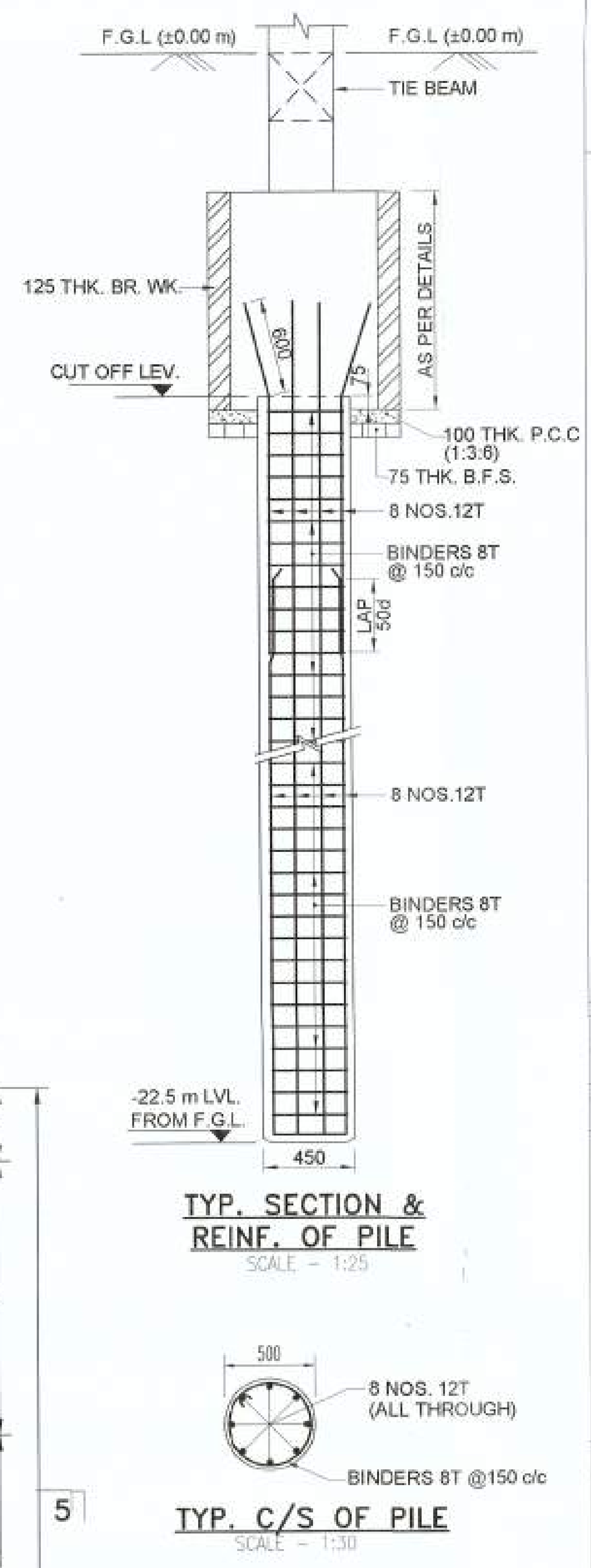
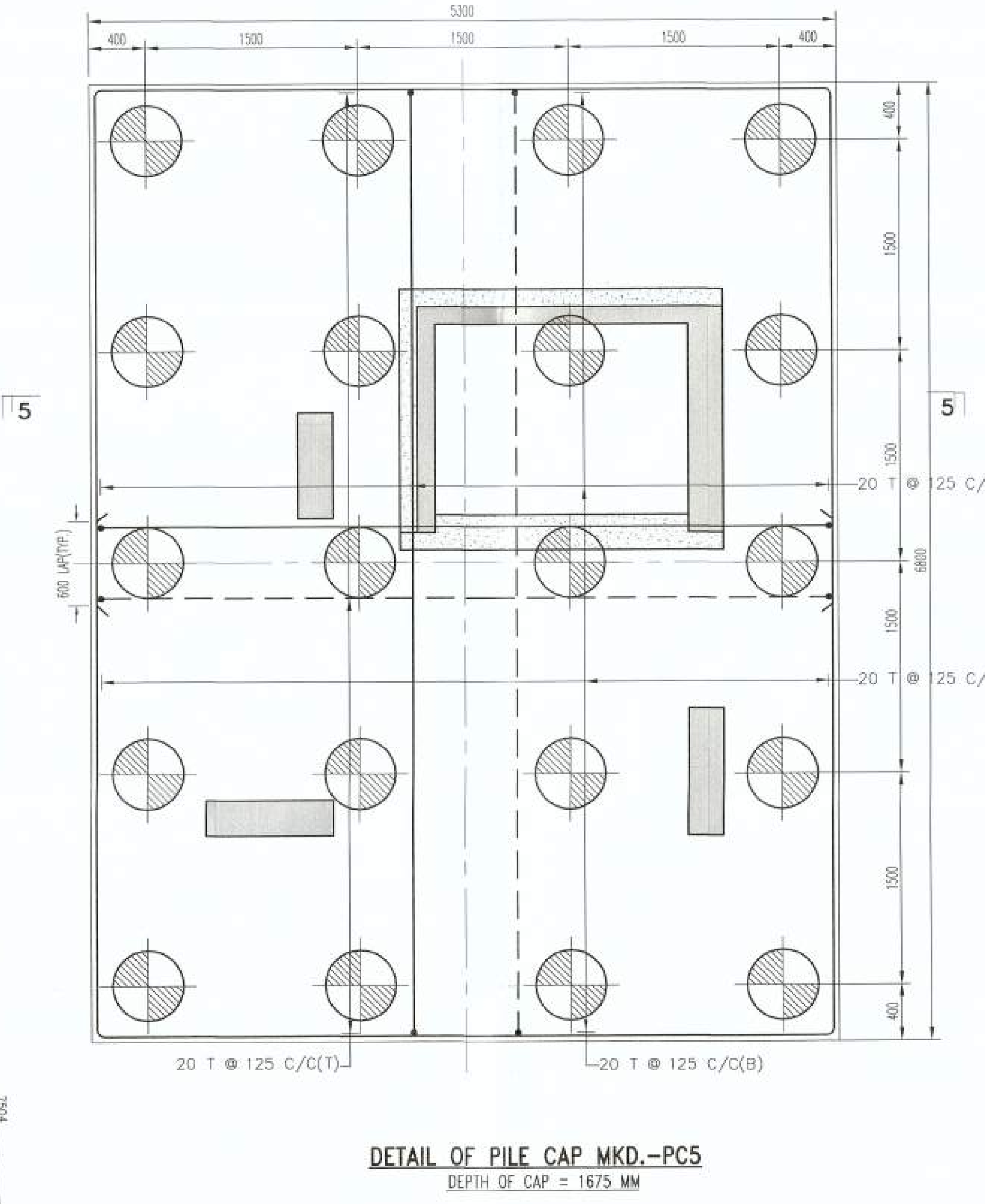




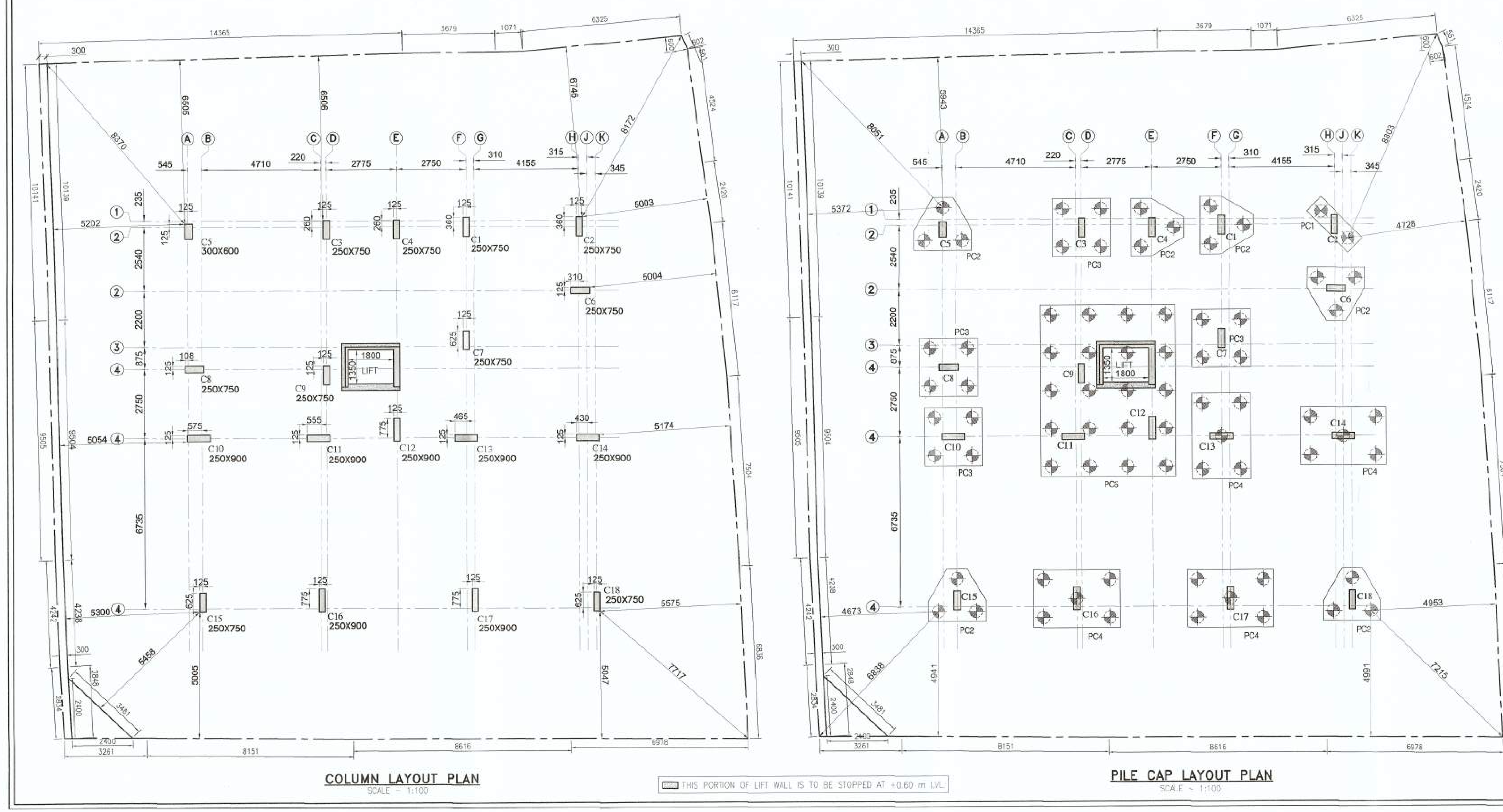




GRADE OF CONCRETE : M25
MIN CEMENT CONTENT IN CONCRETE SHALL BE 400 kg/m³

PILE SCHEDULE:

TYPE	DIA OF PILE	CUT OFF LEV.	LENGTH OF PILE	CAPACITY	REINFORCEMENT
◐	500 mm	AS MENTIONED	22.5 m	47 T	8 NOS. 12T



THIS PORTION OF LIFT WALL IS TO BE STOPPED AT +0.60 m LVL.

STATEMENT OF THE PLAN PROPOSAL

PART-A 1. ASSESSEE NO.- 11-013-03-0437-0
2. DETAILS OF REGD. DEED - I:-
a). BOOK NO.- I b). VOLUME NO.- 1606-2018 c). PAGES- 4007 TO 4036
d). BEING NO.- 160600112 e). YEAR - 2018 f). PLACE- A.D.S.R. SEALDAH
3. DETAILS OF REGD. DEED - II:-
a). BOOK NO.- I b). VOLUME NO.- 1606-2018 c). PAGES- 4037 TO 4084
d). BEING NO.- 160600113 e). YEAR - 2018 f). PLACE- A.D.S.R. SEALDAH
4. DETAILS OF BOUNDARY DECL.:-
a). BOOK NO.- I b). CD VOLUME NO.- 1606-2019 c). PAGES- 37124 TO 37139
d). BEING NO.- 160601013 e). YEAR - 2019 f). PLACE- A.D.S.R. SEALDAH
5. a). AREA OF LAND : 721.112 SQ.M. (10 K. - 12 CH. - 22 SQ.FT.)
b). NO.S OF STORY : G+VII

NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE CONTRACT TERMS AND CONDITIONS, SPECIFICATIONS & SCHEDULE OF ITEMS.
2. ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METER UNLESS NOTED OTHERWISE.
3. DRAWINGS SHALL NOT BE SCALED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
4. ALL CONCRETE WORK SHALL BE AS PER IS:456 WITH MINIMUM CEMENT CONTENT AND WATER:CEMENT RATIO AS INDICATED IN THE IS CODES.
5. ALL DETAILING WORK SHALL BE AS PER IS:13920-1993(DUCTILE DETAILING OF REINFORCED STRUCTURES SUBJECTED TO SEISMIC FORCES.
6. ALL STRUCTURAL REINFORCED CONCRETE WORK SHALL BE WITH DESIGN MIX CONCRETE OF GRADE M30.
7. UNLESS OTHERWISE SPECIFIED THE MINIMUM CLEAR COVER FOR PROTECTION OF MAIN REINFORCEMENT SHALL BE FOLLOWS:

MEMBERS	COVER
TIE BEAMS	: 25MM
GRADE SLAB	: 20MM
COLUMNS	: 40MM
BEAMS	: 25MM
SLABS	: 20MM
FLAT SLABS	: 20MM

MEMBERS		COVER
STAIR CASE		: 20MM
RET.WALL	NEAR WATER FACE	: 40MM
	AWAY FROM WATER FACE	: 25MM
WATER TANK	NEAR WATER FACE	: 40MM
	AWAY FROM WATER FACE	: 25MM

8. GRADE OF STEEL SHALL BE Fe 5000
9. SIZES OF COARSE AGGREGATES IN CONCRETE SHALL BE AS FOLLOWS:
a) THIN SECTIONS, PRECAST PLANKS :12 MM. AND DOWN
b) ORDINARY PLAIN CONCRETE AND :40 MM. DOWN REINFORCED CONCRETE IN PILES
c) REINFORCED CONCRETE IN SUPER STRUCTURE: 20 MM DOWN.

SPECIAL NOTES REGARDING
Ld (DEVELOPMENT LENGTH)

ALL LAP LENGTHS SHALL BE MULTIPLES OF BAR SIZE(ø)AS FOLLOWS:-

FOR Fe500	MIX 20	MIX 25	MIX 30
IN TENSION	57ø	49ø	46ø
IN COMPRESSION	46ø	39ø	37ø

(WHERE 'ø' IS THE NOMINAL DIAMETER OF THE BAR)

JOB NO.	DRG. NO.	DATE	DEALT

DECLARATION OF ARCHITECT

CERTIFIED THAT THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009, AS AMENDED FROM TIME TO TIME AND THE SITE CONDITION INCLUDING THE ABUTTING ROAD IS CONFORM WITH THE PLAN. IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THERE IS AN EX STRUC. TO BE DEMOLISHED BEFORE COMMENCEMENT OF WORK IT IS FULLY OCCUPIED BY THE OWNER. THERE IS NO TENENT.

Sanjoy Sarkar
SANJOY SARKAR
M. Arch. Registered Architect
Regd. No.-CA/89/12284

SANJOY SARKAR
(CA/89/12284)
SIG. OF ARCHITECT

CERTIFICATE OF GEO TECHNICAL ENGINEER

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.

Sk chakraborty
SANTOSH KUMAR CHAKRABORTY
B.E., ME (Soil Roorkee)
(Foundation Engineering)
F.I.E., I.G.S, I.S.M.F.E. (London)
Consulting Geotechnical Engineer

DR. SANTOSH KUMAR CHAKRABORTY
(G.T./I/6)
SIG. OF GEO TECHNICAL ENGINEER

CERTIFICATE OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGN 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 BY STRUCTURAL IMPROVEMENT CO. (DR. SANTOSH KUMAR CHAKRABORTY), 68/1, BAGMARI ROAD(ISWAR CHANDRA NIWAS, FLAT NO.-D2/5), KOLKATA - 700 054, CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.

MS. MITA SAHA
M.I.E., M.E. (Struct), C.E
K.M.C., ESE-92(1),
IG-89, Sec-II, Salt Lake,
Mob:-9831888112

MITA SAHA
(ESE/I/92)
SIG. OF STRUCTURAL ENGINEER

CERTIFICATE OF STRUCTURAL REVIEWER

THE STRUCTURAL DESIGN OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAVE BEEN CHECKED BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B. CODE OF INDIA AND ON BASIS OF SOIL INVESTIGATION REPORT BY STRUCTURAL IMPROVEMENT CO. (DR. SANTOSH KUMAR CHAKRABORTY), 68/1, BAGMARI ROAD(ISWAR CHANDRA NIWAS, FLAT NO.- D2/5), KOLKATA - 700054, CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
B.C.E., M.E.M.I.E., M.I.G.S.
CHARTERED ENGINEER
STRUCTURAL REVIEWER
ESR-(I)144/2
(M) 9830149593

RUPAK KUMAR BANERJEE
(ESR/I/144/2)
SIG. OF STRUCTURAL REVIEWER

DECLARATION OF OWNER/S

I DO HERE BY DECLARE WITH FULL RESPONSIBILITY THAT, I SHALL ENGAGE L.B.A & ESE DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTION OF L.B.A & E.S.E DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN) K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILTY OF THE BUILDING & ADJOINING STRUCTURE IF ANY SUBMITTED DOCUMENT ARE FAKE. THE K.M.C AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTURCTION OF U.G.W.R TAKEN UNDER THE GUIDENCE OF LBS/EBE BEFORE STARTING OF BUILDING FOUNDATION.

Amarnath Garai
Aloke Kumar Garai
Rana Garai

SIGNATURE OF OWNER/S OR C.A.

DRAWING TITLE:-
COLUMN & GRID LAYOUT, PILE & CAP LAYOUT & REINF. DETAILS OF PILE & PILE CAP

PROJECT:-
PROPOSED G+VII STORIED RESIDENTIAL BUILDING AT PREMISES NO.- 2/1B/1, BIDHAN NAGAR ROAD, KOLKATA - 700 067, WARD NO - 13, BOROUGH - III, P.O.-ULTADANGA, P.S.-ULTADANGA, UNDER KOLKATA MUNICIPAL CORPORATION. UNDER SECTION 393 OF K.M.C. ACT 1980 FOLLOWING K.M.C. BUILDING RULES 2009 AS AMENDED TIME TO TIME.

ARCHITECT
INTERARCH
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SCALE - 1:100