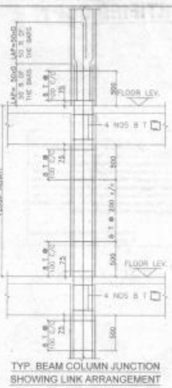
SCHEDULE OF PILE CAP

PILE CAP MKD.	DEPTH OF PILE CAP (mm)	CAP REINFORCEMENT: LONGER BAR – BOTTOM BAR	LONGER BAR – TOP BAR	LONGER BAR – STIRRUPS	SHORT BAR – BOTTOM BAR	SHORT BAR – TOP BAR	SHORT BAR – STIRRUPS	BURSTING REINFORCEMENT (5x2)
PC112	2500	135-32T	68-16T	20L-12T@150C/C	330-32T	130-16T	-	16-12T
PC6	1500	17-25T	9-12T	8L-12T150C/C	43-20T	22-12T	-	9-12T
PC4	1500	17-25T	9-12T	-	17-25T	9-12T	-	9-12T

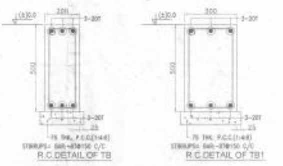
COLUMN SCHEDULE

COLUMN MKD.	COL. SIZE	REINFORCEMENT: FDN. TO 5TH. FL.	5TH. FL. TO 8TH FL.	8TH FL. TO 12TH. FL.	12TH. FL. TO 16TH FL.	16TH FL. TO 20TH. FL.	20TH FL. TO 24TH. FL.	24TH FL. TO ROOF
C1,C2,C13,C18.	2500X1750	24-32T	16-32T+8-25T	8-32T+16-25T	24-25T	16-25T+8-20T	8-25T+16-20T	24-20T
C5,C6,C7,C12.	2500X1300	24-32T	16-32T+8-25T	8-32T+16-25T	24-25T	16-25T+8-20T	8-25T+16-20T	24-20T
C8,C10,C11.	5000X1200	24-32T	16-32T+8-25T	8-32T+16-25T	24-25T	16-25T+8-20T	8-25T+16-20T	24-20T
C9,C14,C15,C16,C17.	5000X1600	24-32T	16-32T+8-25T	8-32T+16-25T	24-25T	16-25T+8-20T	8-25T+16-20T	24-20T
C101,C102,C104, C106,C109,C111,C112.	2000X1500	28-25T	COLUMN ENDS.					
C107,C107A,C108,C108A.	2000X1200	24-25T						
RCW1	300; 3500; 3700	88-32T	88-32T	48-32T+40-25T	28-32T+60-25T	88-25T	48-25T+40-20T	28-25T+60-20T
RCW2	3030; 300; 3350; 300; 3658; 300; 300; 3030	202-32T	202-32T	150-32T+52-25T	100-32T+102-25T	50-32T+152-25T	202-25T	150-25T+52-20T
C5	300; 1600; 1700	20-25T	20-25T	16-25T+4-20T	12-25T+8-20T	8-25T+12-20T	4-25T+16-20T	20-20T
RCW3	300; 300; 3500; 2300	82-32T	82-32T	42-32T+40-25T	24-32T+58-25T	82-25T	40-25T+40-20T	24-25T+58-20T
RCW4	200; 5200	50-25T	COLUMN ENDS.					
RCW5	200; 2800	24-25T						
RCW6	200; 1900	16-25T						

THIS DRAWING SHOULD BE READ WITH DRAWING NO.:
1. KPIC/ESPACE/17 G.M.S./SANC-2;
2. KPIC/ESPACE/17 G.M.S./SANC-3;
3. KPIC/ESPACE/17 G.M.S./SANC-4;

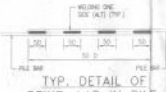


TYP. BEAM COLUMN JUNCTION SHOWING LINK ARRANGEMENT

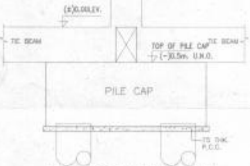


R.C.DETAIL OF TB

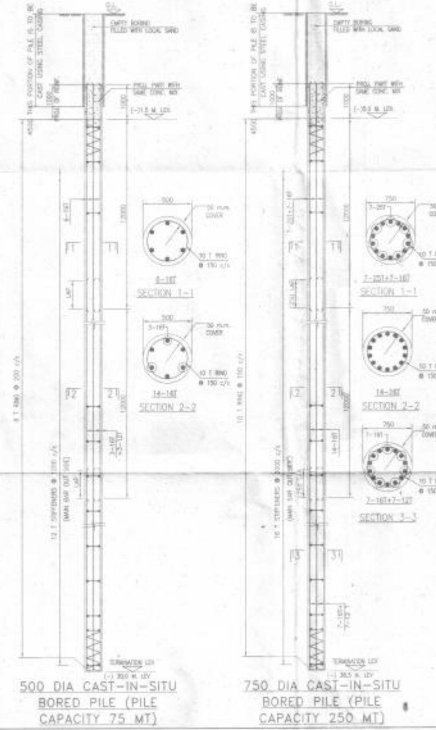
R.C.DETAIL OF TB1



TYP. DETAIL OF REINF. LAP IN PILE.

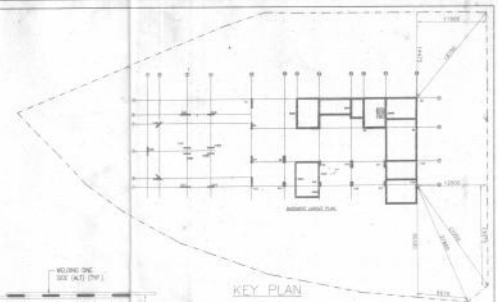


TYPICAL SECTION SHOWING LEVELS OF PILECAP & TIE BEAM

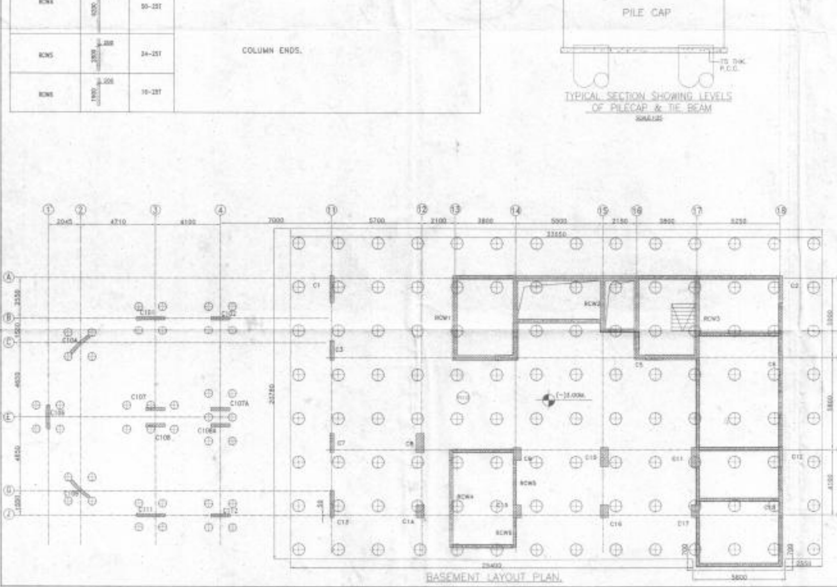


500 DIA CAST-IN-SITU BORED PILE (PILE CAPACITY 75 MT)

750 DIA CAST-IN-SITU BORED PILE (PILE CAPACITY 250 MT)



KEY PLAN



BASEMENT LAYOUT PLAN

PROJECT

REVISED PLAN OF THE PROPOSED PARTLY B+G+31 STORIED RESIDENTIAL GREEN BUILDING AT PREMISES NO. 17 D PRINCE - GULAM MOHOMMAD SHAH ROAD, KIT SCHEME -118, SUPERSEDING SANCTIONED PLAN VIDE B.P.NO - 2012100144 DATED - 18- 08 -2012.

BOROUGH NO: X. | WARD NO: 94.

NOTES:-

1. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.
2. GRADE OF REINFORCEMENT IS Fe500.
3. GRADE OF CONCRETE IS
   a) PILE CAP = M30
   b) COLUMNS, BEAM & SLAB :-
      i. FDN TO 8TH FLOOR LEV. = M55
      ii. 8TH FLOOR TO 12TH FLOOR LEV. = M50.
      iii. 12TH FLOOR TO 18TH FLOOR LEV = M45.
      iv. 18TH FLOOR TO 24TH FLOOR LEV = M40.
      v. 24TH FLOOR TO ROOF LEV. = M35.
4. LAP/BONDS LENGTH SHALL BE 50 x D WHERE D IS THE DIA OF SMALLER BAR.
5. CLEAR COVER TO REINFORCEMENT:-
   a) PILE/PILECAP= 50 mm
   b) COLUMN & TIE BEAM = 40 mm
   c) FLOOR BEAM = 25 mm
   d) SLAB & WAIST SLAB = 20 mm
6. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCH. DWG.

Simplex Projects Limited

General Manager-Commercial & Secretary

SIGNATURE OF OWNER

CERTIFICATE OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

K. Sengupta

KOUSHIK SENGUPTA
B.E. (CIVIL), M.E. (STRUCTURAL)
E.S.E.-I/361(K.M.C.)

SIGNATURE OF STRUCTURAL ENGINEER

CERTIFICATE OF GEOTECHNICAL ENGINEER

THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

A. K. CHOUDHURY

SIGNATURE OF GEOTECHNICAL ENGINEER

CERTIFICATE OF ARCHITECT

THE PLOT HAS BEEN INSPECTED BY ME AND ON THAT BASIS I DO CERTIFY WITH FULL RESPONSIBILITY THAT THE PROPOSED BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME.THE PLOT IS DEMARCATED BY BOUNDARY WALL ON ALL FOUR SIDES. THE SITE PLAN AND LOCATION PLAN CONFORMS THE SITE.

MALAY KUMAR GHOSH
Regn. No. CA/90/14884
35A, Dr. Sarat Banerjee Road
Kolkata - 700 029

SIGNATURE OF ARCHITECT

ARCHITECT

ESPACE

STRUCTURAL DRAWING | date: 28.11.2016

SCALE - 1 : 100, 50, 25

DRG. No. - KPIC/ESPACE/17 G.M.S./SANC-1

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