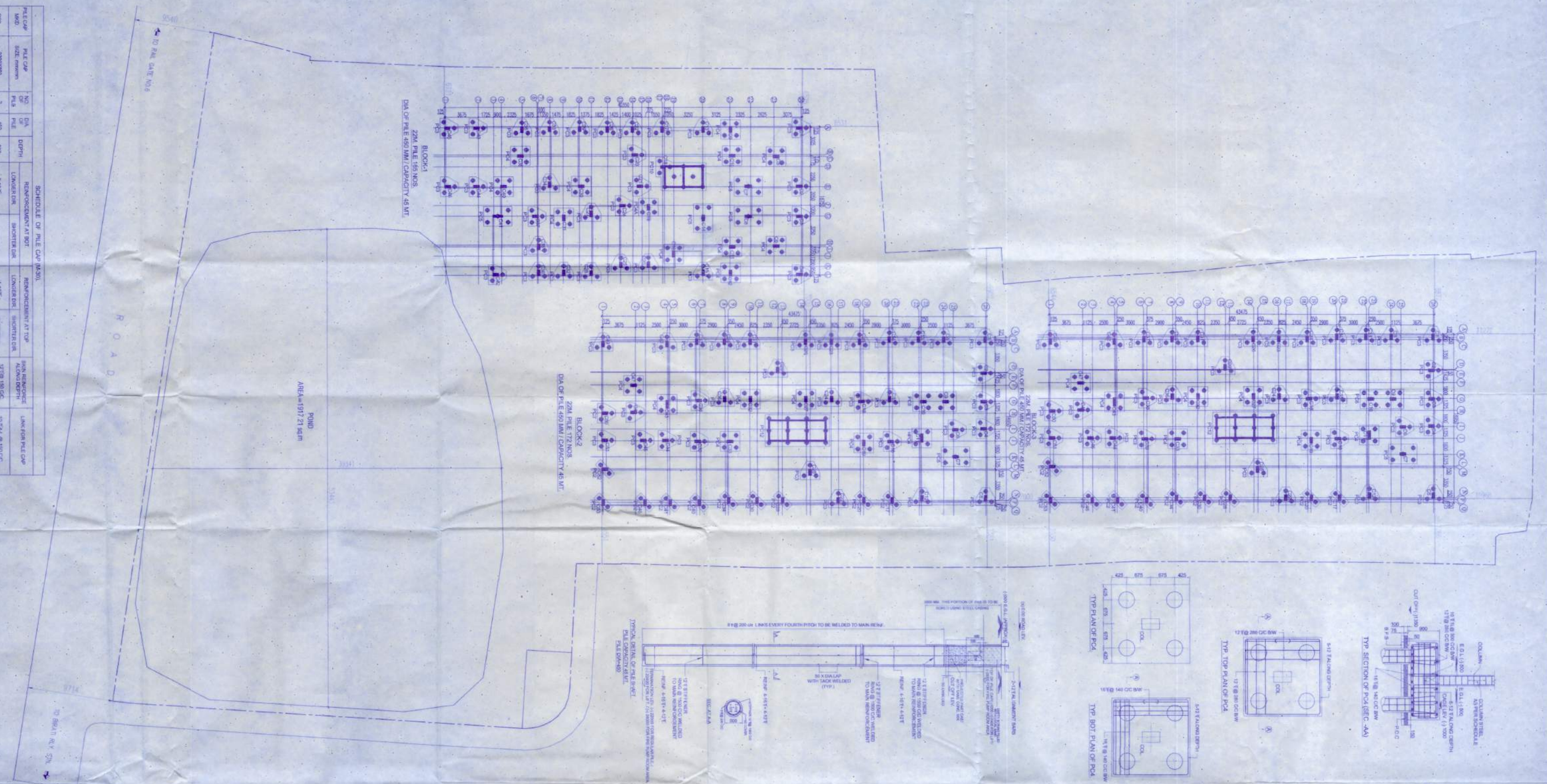
SCHEDULE OF PILE CAP (M-30)

PILE CAP MRD.	PILE CAP SIZE (mm)mm	NO. OF PILE	DIA OF PILE	DEPTH	REINFORCEMENT AT BOT.		REINFORCEMENT AT TOP		RAIN RE-ENTRANCE ALONG DEPTH	LINK FOR PILE CAP
					LONGER DIR.	SHORTER DIR.	LONGER DIR.	SHORTER DIR.		
PC2	2300X1800	2	450	900	8-T4 T	———	4-T4T	———	12-T@ 150 C/C	10-T14 @ 150 C/C
PC3	2600X2200	3	450	900	16-T@ 100 C/C	16-T@ 140 C/C	12-T@ 200 C/C	12-T@ 280 C/C	12-T@ 150 C/C	10-T14 @ 200 X 280 C/C
PC4	2300X2200	4	450	900	16-T@ 140 C/C	16-T@ 140 C/C	12-T@ 280 C/C	12-T@ 280 C/C	12-T@ 150 C/C	10-T14 @ 280 C/C
PC4A	1975X2200	4	450	900	16-T@ 140 C/C	16-T@ 140 C/C	12-T@ 280 C/C	12-T@ 280 C/C	12-T@ 150 C/C	10-T14 @ 280 C/C
PC5	2250X2160	5	450	1500	27-T@ 125 C/C	16-T@ 150 C/C	12-T@ 240 C/C	12-T@ 300 C/C	12-T@ 150 C/C	10-T14 @ 240X300 C/C
PC6	2250X3465	8	450	1500	16-T@ 125 C/C	16-T@ 150 C/C	14-T@ 240 C/C	12-T@ 300 C/C	12-T@ 150 C/C	10-T14 @ 240X300 C/C
PC6B (FOR LIFT)	AS PER DRAWING									
PC12 (FOR LIFT)	3650X2225	12	450	1000	16-T@ 140 C/C	16-T@ 140 C/C	12-T@ 140 C/C	12-T@ 140 C/C	12-T@ 150 C/C	10-T14 @ 280 C/C



NOTES :-

1) ALL DIMENSIONS ARE IN MILLIMETERS
2) GRADE OF CONC. : ALL DESIGN MIX
   a. PILE CONC. - M 30 & MINIMUM CEMENT CONTENT @ 320 KG/CUM OF CONC.
   b. PILE CAP - M 25
   c. COLUMN & LIFT - AS PER SCHEDULE
   d. REST ALL - M 25 OR ROOF TO 9TH ROOF
3) P.C.C SHALL BE NOMINAL 1:4:8 MIX(AS PER I.S. 456 : 2000)
4) TOP STEEL REINFORCEMENT SHALL CONFORM TO LATEST IS : 1786 - 1985 CODES
5) CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
   AS FOLLOWS
   a) PILE CAP - 50 MM ALL SIDES FROM OUTERMOST MAIN BAR
   b) PILE CAP - 40 MM ALL SIDES FROM OUTERMOST MAIN BAR
   c) PILE - 40 MM ALL SIDES FROM OUTERMOST MAIN BAR
   d) TIE BEAM - 30 MM ALL SIDES FROM OUTERMOST MAIN BAR
   e) FLOOR BEAM - 30 MM ALL SIDES FROM OUTERMOST MAIN BAR
   f) SLAB - 20 MM ALL SIDES FROM OUTERMOST MAIN BAR
   g) RAFT SLAB - 20 MM ALL SIDES FROM OUTERMOST MAIN BAR
6) MAIN REINFORCEMENT
   FOR PILE - 40 @ WITH 3 NOS. LAP WELDING IN BOTH SIDES FOR A LENGTH OF 250MM
   FOR REST - 50 @ OF THE BAR
7) MAXIMUM LOAD ON EACH PILE
   VERTICAL LOAD - 45 MT
   AS PER THE SOIL INVESTIGATION REPORT PREPARED BY M/S GEOTEST
   ALL PILES SHALL BE TESTED FOR 100% OF THE VERTICAL LOAD
8) POSITIVE RECOMMENDATION OF ANY PILE WORK (I.E. NON BREAK PILE AND TEST
   FOR GROUP OF PILES SHALL NOT BE PERMITTED)
9) THE PILE HEADS SHALL PROJECT IN TO PILE CAP FOR 150 mm. THE HEADS TO BE NEATLY
   FORMED TO THE REQUIRED DIA.
10) ALL TIES TO BE SPOT WELDED WITH VERTICAL REINFORCEMENT
11) BORING MAY BE DONE WITH AUGAR MATHOD (OTHER THAN BUR - SOIL STRATA &
    DEPTH OF PILE
    a. FOR PLACING OF CONCRETE IN PILE BORES, A FUNNEL SHOULD BE USED AND METHOD OF
    PLACING SHALL BE SUCH AS TO AVOID SEGREGATION OF CONCRETE. THE BORES SHALL BE
    FILLED UP WITHOUT THE INTERRUPTION OF WORK OR MORE THAN TWO HOURS AND SHALL BE
    FILLED WITHIN CONCRETE.
12) VERTICAL LOAD TESTING OF PILE SHOULD CONFIRM 80 (EIGHTY PERCENT) OF
13) RCC BORED CAST IN SITU PILE SHOULD CONFIRM 80 (EIGHTY PERCENT) OF
14) FLOOR BEAM / SLAB / RAFT TOP TO BE PROVIDED AT 1/4 FROM SUPPORT
    FLOOR BEAM / SLAB / RAFT TOP TO BE EXTENDED 1/4 FROM SUPPORT
    SLAB - TEST TOP TO BE PROVIDED AT ALL SUPPORTS FOR A LENGTH OF 1/4
    SLAB - TEST TOP TO BE PROVIDED AT ALL SUPPORTS FOR A LENGTH OF 1/4
    (ESTIMATED ROD TO BE ALT. CUT AT 1/5 FROM SUPPORT
18) ALL DRAWINGS SHALL BE CORRELATED WITH ARCHITECTURAL DRAWINGS & ANY
    DISCREPANCY SHALL BE BROUGHT TO NOTICE OF THE ENGINEER BEFORE EXECUTION
    OF WORK. NO CLAIM WHATSOEVER SHALL BE ENTERTAINED AFTER EXECUTION OF WORKS.
17) ALL THE WORKS SHALL BE DONE AS PER RELEVANT I.S CODE PRACTICE NOTED
18) CONTRACTOR MUST VERIFY ALL DIMENSION AT SITE BEFORE EXECUTION OF WORK AND
    CLAIM SHALL BE ENTERTAINED. CONTRACTOR SHALL BE RESPONSIBLE TO PROPER LINE AND
    LEVEL OF THE BUILDING.
19) DESIGN IS BASED ON I.S.1893-84 & I.S.875 (PART-3) : 1987 & I.S.2911
20) STRUCTURAL DESIGN IS DONE FOR ALL BLOCKS (GIVEN STORIED BUILDING ONLY)
21) SEISMIC ZONE CONSIDERED FOR DESIGN AS ZONE-III & LOW

CERTIFICATE OF OWNER

CERTIFIED THAT SHALL NOT ON A LATER DATE, MAKE ANY ADDITION OR ALTERATION TO THIS PLAN AS TO CONSIST FOR MY USE OR ALLOW IT TO BE USED FOR SEPARATE ALTERNATIVE PURPOSE WITHOUT PREVIOUS APPROVAL OF THE COMPETENT AUTHORITY. I ALSO UNDERTAKE TO REPORT THAT THERE SHALL BE CERTIFIED THAT I ALSO UNDERTAKE TO REPORT OF COMMENCEMENT BEFORE SEVEN DAYS AND COMPLETION WOULD BE REPORTED WITHIN 30 DAYS. I ALSO UNDERTAKE TO REPORT THAT THERE SHALL BE NO DEVIATION FROM THE APPROVED PLAN AND THAT I SHALL BE RESPONSIBLE FOR ANY DEVIATION FOR ALL RESULTING CONSEQUENCES.

For NATURAL MANSIONS (P) LTD
Director

SIGNATURE OF OWNER

CERTIFICATE OF BUILDING PLAN

WE DO HEREBY CERTIFY THAT PLANS ELEVATIONS AND SECTIONS AND SITE STRUCTURAL DETAILS OF THE PROPOSED BUILDING HOLDING NO 297 (OLD) 297 (NEW) NORTH RAJDANGA MAIN ROAD, MOUZA - BISHNUPUR, J.L. NO. 95, R.S. DAG NO. 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257,