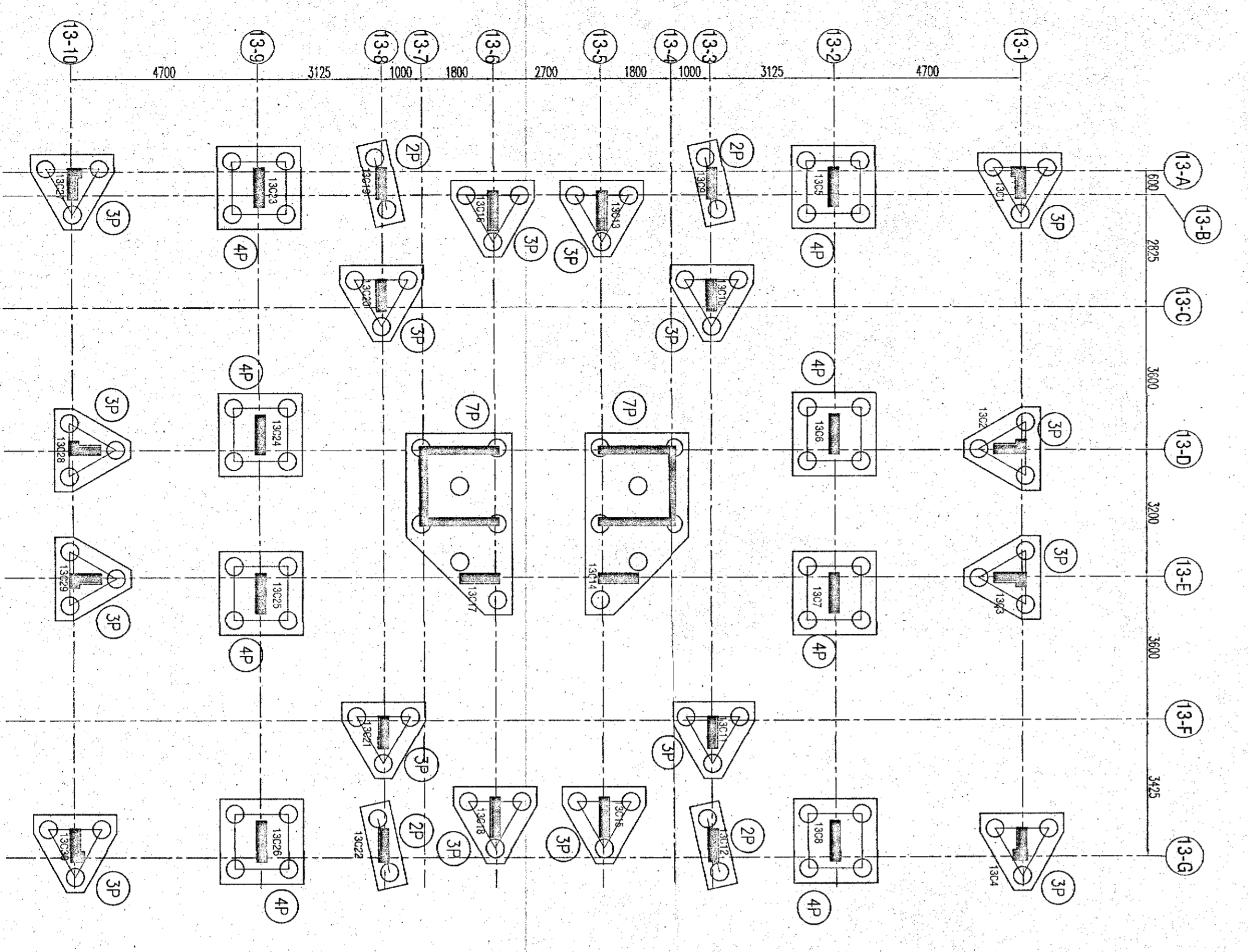


COLUMN LAYOUT
BLOCK-13

PILE CAP SCHEDULE

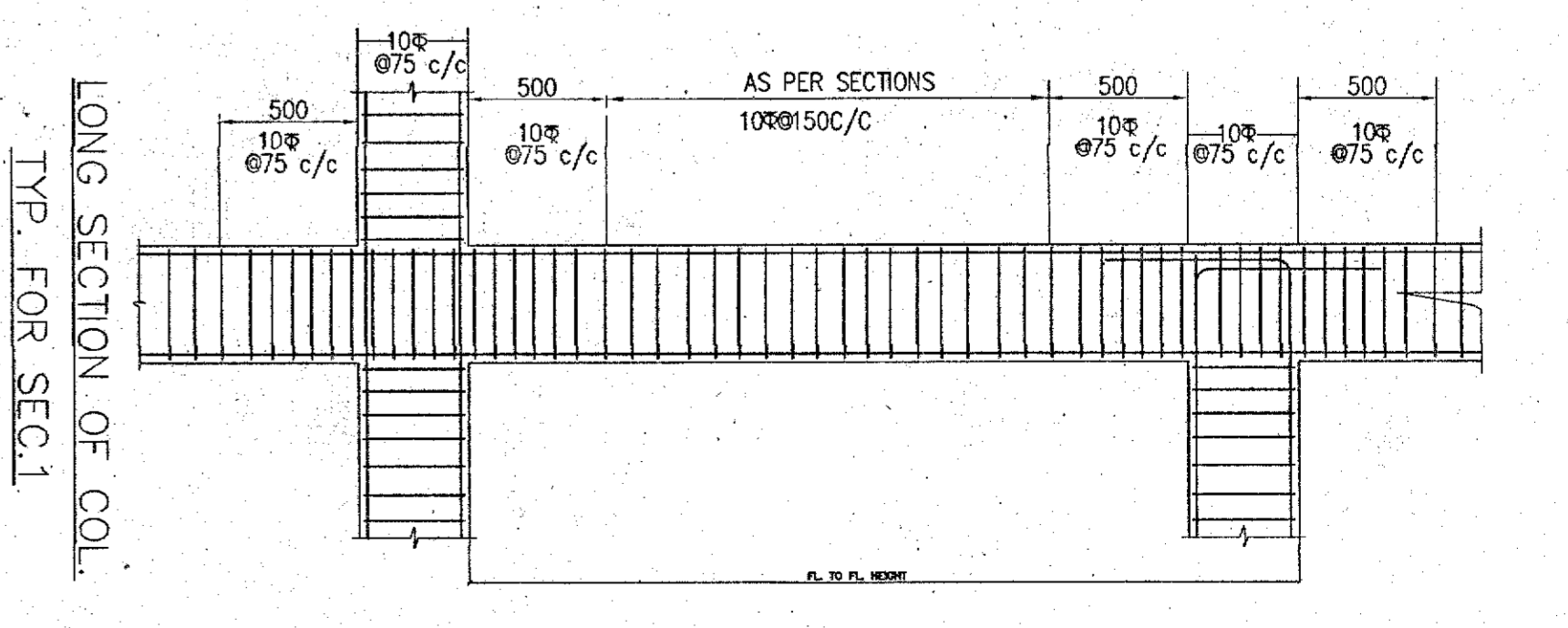
PILE MARKED	DIA OF PILES	DEPTH	REINFORCEMENT				STIRRUPS	SFR
			BOTTOM SHORTER	BOTTOM LONGER	TOP SHORTER	TOP LONGER		
2P	450 DIA	1000	16@1000/C	16@1000/C	12@1000/C	12@1000/C	NOT REQUIRED	12@1500/C
3P	450 DIA	1000	16@1000/C	16@1000/C	12@1000/C	12@1000/C	NOT REQUIRED	12@1500/C
4P	450 DIA	1000	16@1000/C	16@1000/C	12@1000/C	12@1000/C	NOT REQUIRED	12@1500/C
5P	450 DIA	1200	20@1000/C	20@1000/C	12@1000/C	12@1000/C	NOT REQUIRED	12@1500/C
7P	450 DIA	1200	25@1000/C	25@1000/C	16@1000/C	16@1000/C	(4) BOTH WAYS	12@1500/C



PILE LAYOUT
BLOCK-13

COLUMN SCHEDULE

COL. MKD.	FDN. TO 1ST FL. (M25)	1ST FL. TO 4TH FL. (M25)	4TH FL. TO ROOF (M25)
13C1	800 8-25#10-20# WITH SEC-1	800 18-20# WITH SEC-1	800 12-20#6-16# WITH SEC-1
13C2	800 8-25#10-20# WITH SEC-1	800 18-20# WITH SEC-1	800 12-20#6-16# WITH SEC-1
13C3	800 8-25#10-20# WITH SEC-1	800 18-20# WITH SEC-1	800 12-20#6-16# WITH SEC-1
13C4	800 8-25#10-20# WITH SEC-1	800 18-20# WITH SEC-1	800 12-20#6-16# WITH SEC-1
13C5, 13C6, 13C7, 13C8, 19C23, 19C24, 13C25, 19C26	1000 8-25#12-20# WITH SEC-1	1000 4-25#16-20# WITH SEC-1	1000 12-20#6-16# WITH SEC-1
13C9, 13C10, 13C11, 13C12, 13C19, 13C20, 13C21, 13C22	800 8-25#8-20# WITH SEC-1	800 16-20# WITH SEC-1	800 12-20#4-16# WITH SEC-1
13C13, 13C15, 13C16, 13C18	800 8-25#12-20# WITH SEC-1	800 20-20# WITH SEC-1	800 12-20#6-16# WITH SEC-1
13C14, 13C17	250 8-25#12-20# WITH SEC-1	200 20-20# WITH SEC-1	200 12-20#4-16# WITH SEC-1
13C27	250 8-25#10-20# WITH SEC-1	200 18-20# WITH SEC-1	200 12-20#6-16# WITH SEC-1
13C28	250 8-25#10-20# WITH SEC-1	200 18-20# WITH SEC-1	200 12-20#6-16# WITH SEC-1
13C29	250 8-25#10-20# WITH SEC-1	200 18-20# WITH SEC-1	200 12-20#6-16# WITH SEC-1
13C30	250 8-25#10-20# WITH SEC-1	200 18-20# WITH SEC-1	200 12-20#6-16# WITH SEC-1



LONG SECTION OF COL.
TYP. FOR SEC.1

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT R.S. DAG NOS. - 1507, 1508, 1510, 1509, 1551, 1550, 1565, 1566, 1581, 1582, 1583, 1545, 1546, 1584, 1585, 1561, 1563, 1564, 1511, 1512, LR KHATUNOS - 4612, 4613, MOUZA - JAFARPUR, JLNO - 9, UNDER P.S - THAGARH, DIST - NORTH 24 PARAGANAS HAVE BEEN PREPARED BY ME & CERTIFY THAT THE PLANS AND DRAWINGS COMPLYING WITH ALL THE PROVISIONS REGARDING THE TRUE PROTECTION AS PER THE REGULATIONS REGARDING THE BUILDING CODES FOR THE YEAR 2016. I HAVE BEEN RESPONSIBLE FOR ANY INCORRECT INFORMATION IS DURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES OF THE PREVIOUS NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

Rajkumar Agarwal
Architect
Member of Council of Architecture CA/94/17940

SIGN. OF ARCHITECT
RAJKUMAR AGARWAL
COUNCIL REGISTRATION NO. CA/94/17940

ADDRESS:
RR, ROYD STREET (END FLOOR), KOLKATA-16.

IT IS HEREBY CERTIFIED THAT THE STRUCTURAL DRAWINGS ARE PREPARED FOR EARTHQUAKE RESISTANCE IN ACCORDANCE WITH THE WEST BENGAL MUNICIPALITY BUILDING RULES 2007 & AMENDMENT 2016.

SIGN. OF GEO-TECHNICAL ENGINEER

CERTIFIED THAT THE STRUCTURAL DRAWING & DESIGN OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING / BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT, AS PER THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

Maital Majumdar
B.C.E., M.C.E. (Struct.)
STEEL/CEMENT CONCRETE
STRV/NKKD/A/4/00030

SIGN. OF STRUCTURAL ENGINEER

PROPOSED ADDITION OF THREE BUILDING (BLDCK 13, 14 & 15) (BLDCK-1, 2, 3, 4, 5, 6, 7 & 8 ALREADY SANCTIONED) FOR G+VII STORED (25.00 MT. HT.) RESIDENTIAL BUILDING OF MAGNOLIA SPORTS CITY, L.R. DAG NOS. - 1507, 1508, 1510, 1550, 1551, 1560, 1565, 1566, 1581, 1582, 1583, 1545, 1546, 1584, 1585, 1561, 1563, 1564, 1511, 1512, L.R. KHATUNOS - 4612, 4613, MOUZA - JAFARPUR, JLNO - 9, UNDER P.S - THAGARH, DIST - NORTH 24 PARAGANAS.

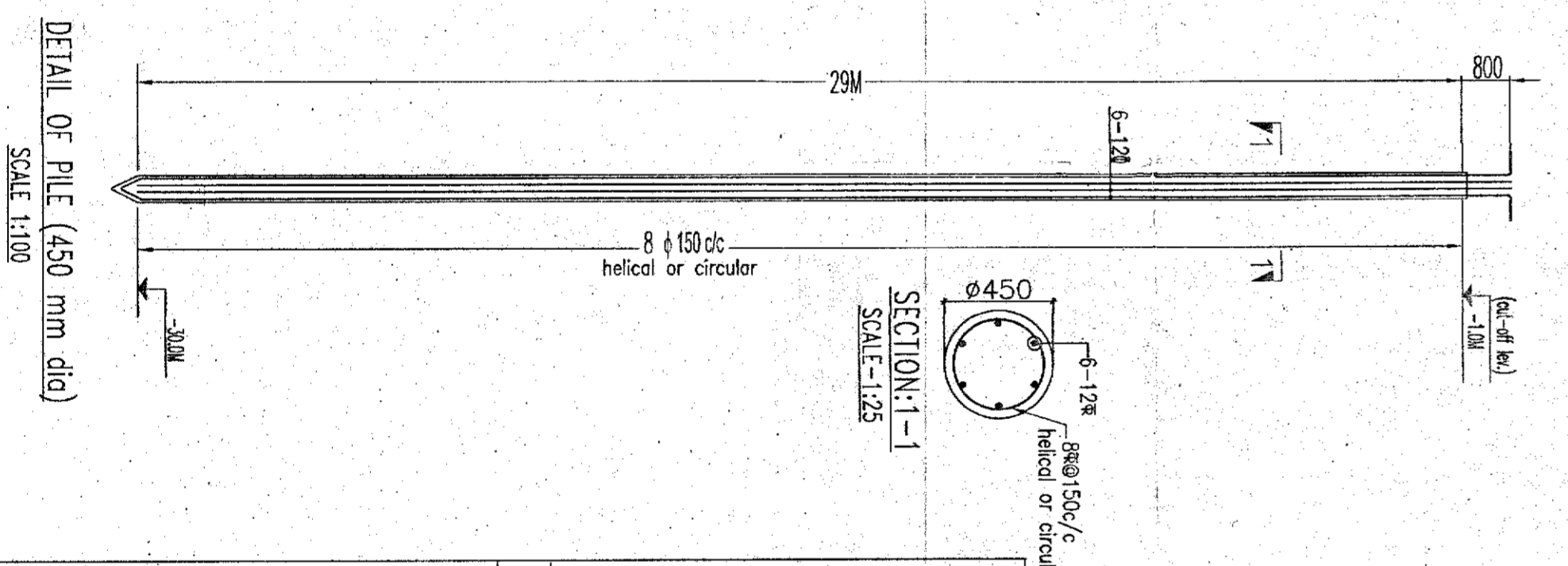
STRUCTURAL CONSULTANT

ADROIT CONSULTANT
10/3 PANCHANNANTALA MAIN ROAD
KOLKATA-700029

ARCHITECT

RAJ AGARWAL & ASSOCIATES
BAROYD STREET, KOLKATA-16

SIGNATURE OF OWNER
I/WE CONFORM THAT THE ERECTION OF BUILDING TO BE UNDERTAKE SHALL BE STRICTLY IN ACCORDANCE WITH THE WEST BENGAL MUNICIPALITY BUILDING RULES 2007 & AMENDMENT 2016.



DETAIL OF PILE (450 mm dia)
SCALE 1:100

SIGNATURE OF OWNER
D. Partha Ghosh (Engg), M.D (Engg)
R. E. Ghosh, M.E (Structural Engg), M.D (Engg)
Construction Engg Department
Kolkata-700106
SIGNATURE OF PARTHA GHOSH

SIGNATURE OF ARCHITECT
Rajkumar Agarwal
Architect
Member of Council of Architecture CA/94/17940

SIGNATURE OF STRUCTURAL ENGINEER
Maital Majumdar
B.C.E., M.C.E. (Struct.)
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I/WE CONFORM THAT THE ERECTION OF BUILDING TO BE UNDERTAKE SHALL BE STRICTLY IN ACCORDANCE WITH THE WEST BENGAL MUNICIPALITY BUILDING RULES 2007 & AMENDMENT 2016.

SCALE - 1:100, 1:25
DESIGNED - MM
DRAWN - RH
CHECKED - MM
DATE: 06.08.21