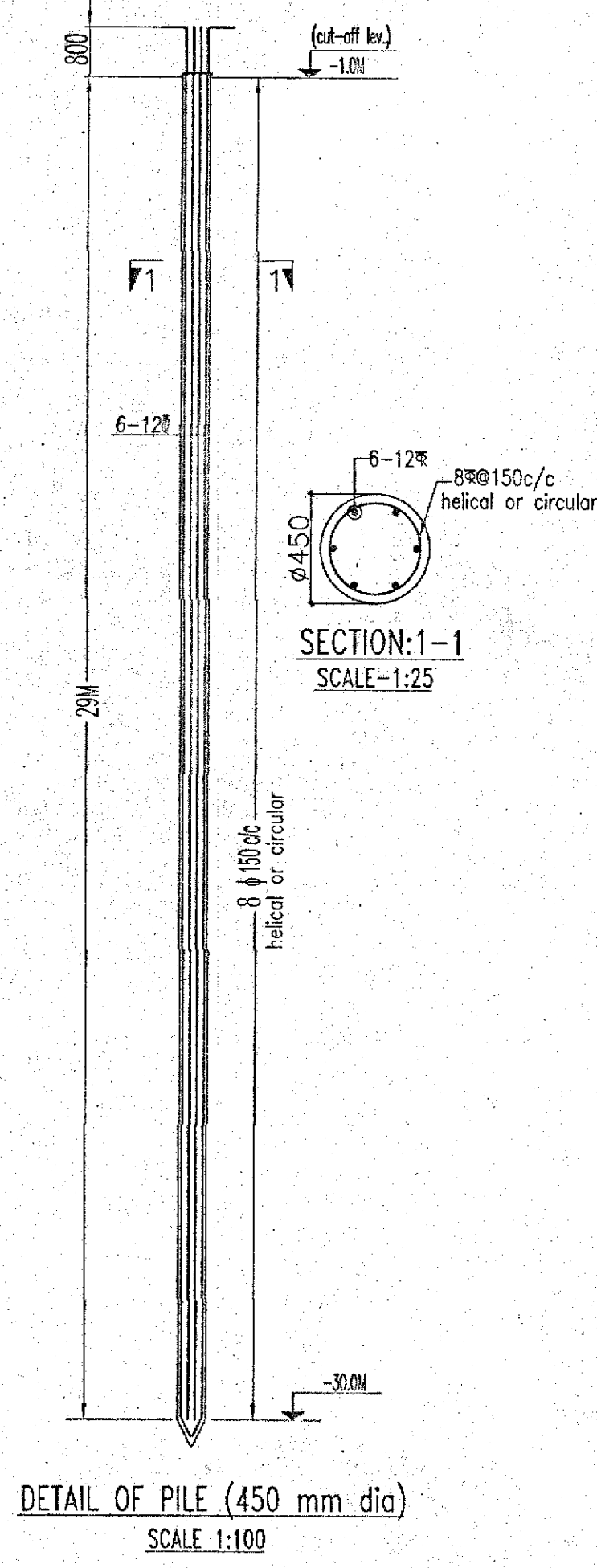


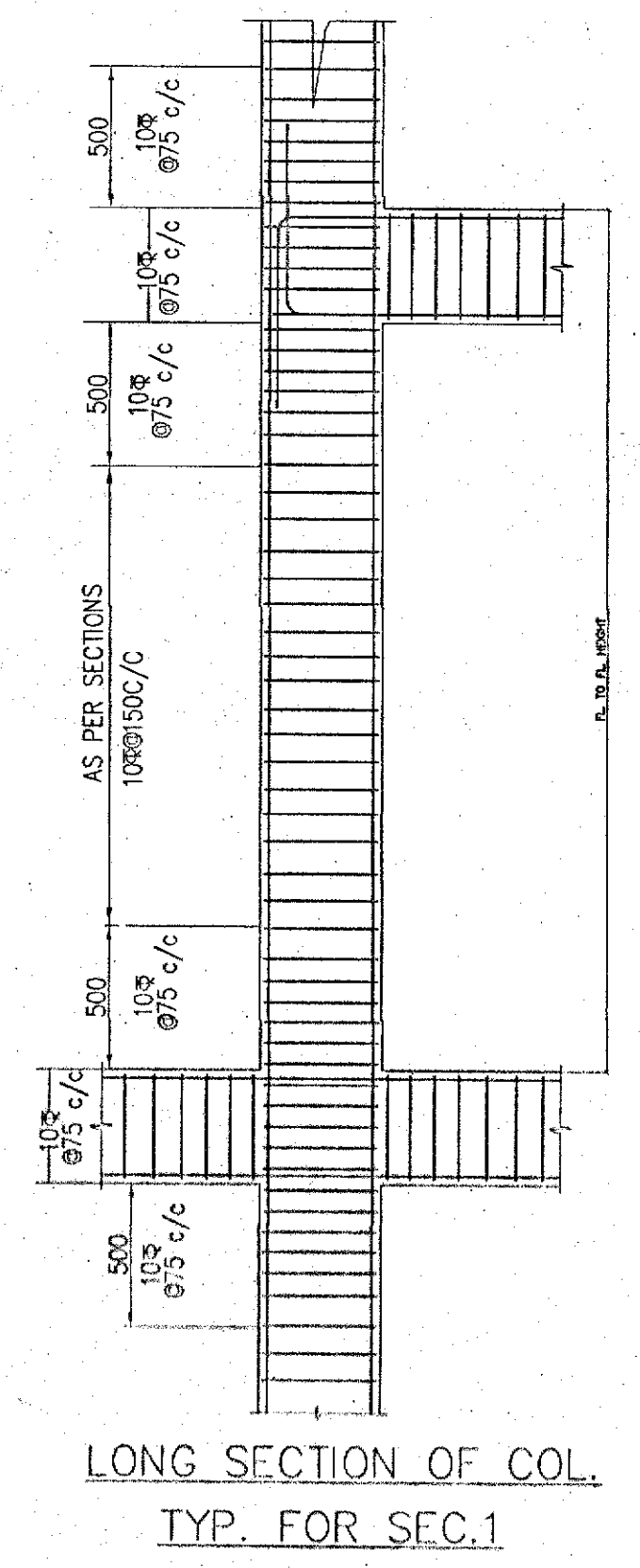
PILE MARKED	DIA OF PILES	DIMENSIONS DEPTH	REINFORCEMENT				STIRRUPS	SFR
			BOTTOM		TOP			
			SHORTER	LONGER	SHORTER	LONGER		
2P	450 DA	1000	16@100/C	16@100/C	12@100/C	12@100/C	NOT REQUIRED	12@150/C
3P	450 DA	1000	16@100/C	16@100/C	12@100/C	12@100/C	NOT REQUIRED	12@150/C
4P	450 DA	1000	16@100/C	16@100/C	12@100/C	12@100/C	NOT REQUIRED	12@150/C
5P	450 DA	1200	20@100/C	20@100/C	12@100/C	12@100/C	12@150/C (4) BOTH WRHS	12@150/C
13P	450 DA	1500	25@100/C	25@100/C	16@100/C	16@100/C	12@150/C (4) BOTH WRHS	12@150/C



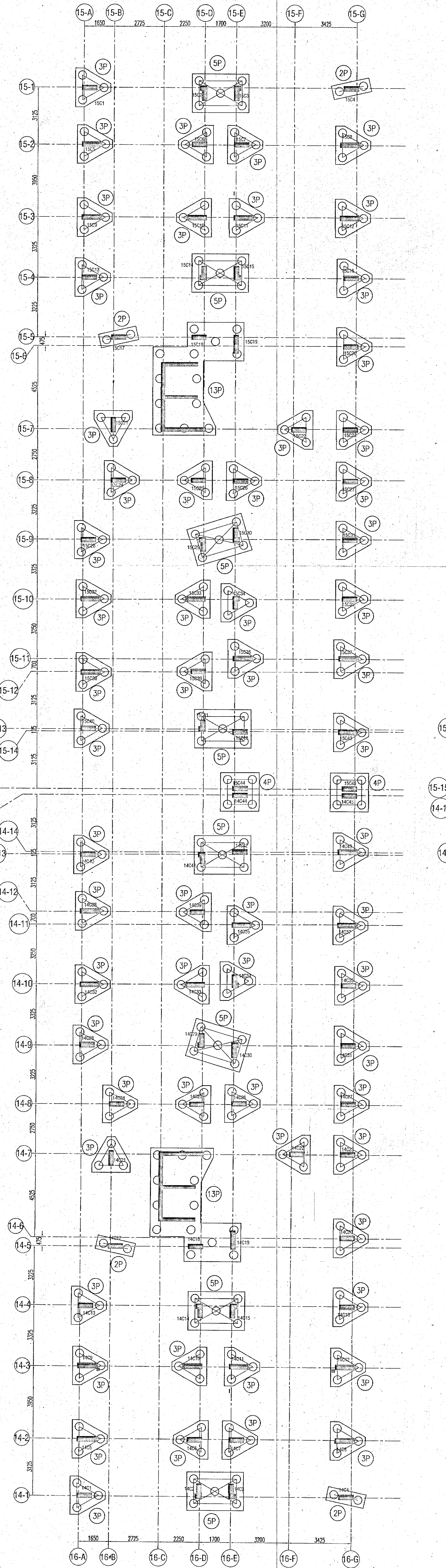
DETAIL OF PILE (450 mm dia)
SCALE: 1:100

COLUMN SCHEDULE

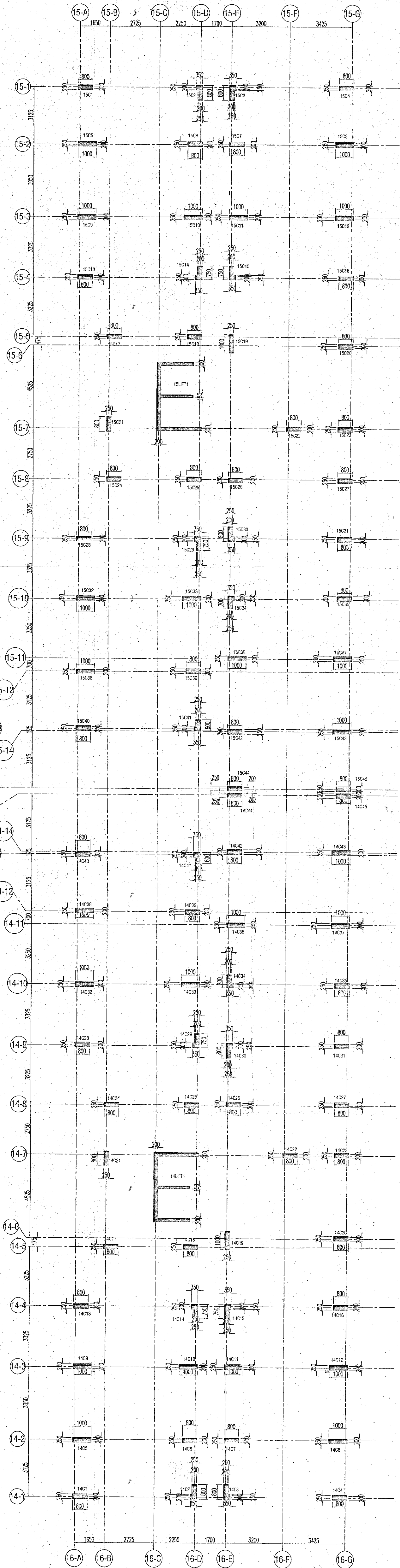
COL. MKD.	FDN. TO 1ST FL. (M25)	1ST FL. TO 4TH FL. (M25)	4TH FL. TO ROOF (M25)
15C1, 15C4, 15C6, 15C7, 15C13, 15C16, 15C20, 15C22, 15C23, 15C26, 15C27, 15C28, 15C31, 15C33, 15C39, 15C40, 15C42, 15C44, 15C45, 15C45	8-25@6-20@ WITH SEC-1	16-20@ WITH SEC-1	12-20@+4-16@ WITH SEC-1
14C1, 14C4, 14C6, 14C7, 14C13, 14C16, 14C20, 14C22, 14C23, 14C26, 14C27, 14C28, 14C31, 14C33, 14C39, 14C40, 14C42, 14C44, 14C45	8-25@6-20@ WITH SEC-1	16-20@ WITH SEC-1	12-20@+4-16@ WITH SEC-1
15C2	8-25@6-20@ WITH SEC-1	18-20@ WITH SEC-1	12-20@+6-16@ WITH SEC-1
15C3, 14C30	8-25@6-20@ WITH SEC-1	18-20@ WITH SEC-1	12-20@+6-16@ WITH SEC-1
15C5, 15C8, 15C9, 15C10, 15C11, 15C12, 15C32, 15C33, 15C36, 15C37, 15C38, 15C43	8-25@6-20@ WITH SEC-1	20-20@ WITH SEC-1	12-20@+6-16@ WITH SEC-1
14C5, 14C8, 14C9, 14C10, 14C11, 14C12, 14C32, 14C33, 14C36, 14C37, 14C38, 14C43	8-25@6-20@ WITH SEC-1	20-20@ WITH SEC-1	12-20@+6-16@ WITH SEC-1
15C14	8-25@6-20@ WITH SEC-1	14-20@ WITH SEC-1	8-20@+6-16@ WITH SEC-1
15C15	8-25@6-20@ WITH SEC-1	14-20@ WITH SEC-1	8-20@+6-16@ WITH SEC-1
15C17, 15C18, 15C24, 15C25, 14C17, 14C18, 14C24, 14C25	8-25@6-20@ WITH SEC-1	14-20@ WITH SEC-1	8-20@+6-16@ WITH SEC-1
15C19, 14C19	8-25@6-20@ WITH SEC-1	4-25@+16-20@ WITH SEC-1	12-20@+6-16@ WITH SEC-1
15C21, 14C21	8-25@6-20@ WITH SEC-1	16-20@ WITH SEC-1	12-20@+6-16@ WITH SEC-1
15C29, 14C29	8-25@6-20@ WITH SEC-1	14-20@ WITH SEC-1	8-20@+6-16@ WITH SEC-1
15C30, 14C3	8-25@6-20@ WITH SEC-1	18-20@ WITH SEC-1	12-20@+6-16@ WITH SEC-1
15C34	8-25@6-20@ WITH SEC-1	16-20@ WITH SEC-1	8-20@+6-16@ WITH SEC-1
15C41	8-25@6-20@ WITH SEC-1	14-20@ WITH SEC-1	8-20@+6-16@ WITH SEC-1
14C2	8-25@6-20@ WITH SEC-1	16-20@ WITH SEC-1	12-20@+6-16@ WITH SEC-1
14C14	8-25@6-20@ WITH SEC-1	14-20@ WITH SEC-1	8-20@+6-16@ WITH SEC-1
14C15	8-25@6-20@ WITH SEC-1	14-20@ WITH SEC-1	8-20@+6-16@ WITH SEC-1
14C34	8-25@6-20@ WITH SEC-1	16-20@ WITH SEC-1	8-20@+6-16@ WITH SEC-1
14C41	8-25@6-20@ WITH SEC-1	14-20@ WITH SEC-1	8-20@+6-16@ WITH SEC-1



LONG SECTION OF COL. TYP. FOR SEC. 1



PILE LAYOUT BLOCK-14 & 15



COLUMN LAYOUT BLOCK-14 & 15

SIGNATURE OF OWNER
I/WE CONFIRM THAT THE ERECTION OF BUILDING TO BE UNDERTAKEN SHALL BE STRICTLY IN ACCORDANCE WITH THE WEST BENGAL MUNICIPALITY BUILDING RULES 2007 & AMENDMENT-2016.
MAGNOLIA INFRASTRUCTURE DEVELOPMENT LTD.
Director

CERTIFICATE OF ARCHITECT
I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT P.S. DAG NOS. - 1507, 1508, 1510, 1510, 1511, 1510, 1515, 1516, 1517, 1522, 1533, 1546, 1546, 1584, 1585, 1561, 1563, 1564, 1511, 1512, L.R. KHATIAN NOS. - 4612, 4613, MOUZA - JAFARPUR, J.L. NO - 9 UNDER P.S. - TITAGARH, DIST - NORTH 24 PARGANAS, HAVE BEEN PREPARED BY ME & CERTIFY THAT THE PLANS AND DRAWINGS COMPLYING WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE WEST BENGAL MUNICIPALITY BUILDING RULES 2007 & AMENDMENT 2016. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES OR THE PREVAILING NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

SIGN. OF ARCHITECT
RAJKUMAR AGARWAL
COUNCIL REGISTRATION NO. CA/94/17940
ADDRESS:
RAJ AGARWAL & ASSOCIATES
6B, ROYD STREET (2ND 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.

CERTIFICATE OF STRUCTURAL 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.

SIGN. OF STRUCTURAL ENGINEER
Mainal Majumdar
B.C.E., M.C.E. (Struct)
ESB-1507/21/MC
STR/NKDA/10/0020
STR/NKDA/14/0001

PROJECT
PROPOSED ADDITION OF THREE BUILDING (BLOCK 13.14 & 15) (BLOCK-1, 2, 3, 4, 5, 6, 7 & 8 ALREADY SANCTIONED) FOR G+VII STORED (25.0 MT. HT.) RESIDENTIAL BUILDING OF MAGNOLIA SPORTS CITY, L.R. DAG NOS. - 1507, 1508, 1510, 1510, 1511, 1510, 1515, 1516, 1517, 1522, 1533, 1546, 1546, 1584, 1585, 1561, 1563, 1564, 1511, 1512, L.R. KHATIAN NOS. - 4612, 4613, MOUZA - JAFARPUR, J.L. NO - 9 UNDER P.S. - TITAGARH, DIST - NORTH 24 PARGANAS.

STRUCTURAL CONSULTANT
ADROIT CONSULTANT
10/3 PANCHANANTALA MAIN ROAD
KOLKATA-700029

ARCHITECT
RAJ AGARWAL & ASSOCIATES
6B, ROYD STREET, KOLKATA-16

SANCTION DRAWING
SCALE: 1:100, 1:25
DESIGNED: MAJ
DRAWN: RJA
CHECKED: MAJ
DATE: 06.08.21

THIS STRUCTURAL DRAWING IS VETTED BY PROFESSOR DR. PARTHA GHOSH OF JADAVPUR UNIVERSITY (U.), KOLKATA

Checked & Vetted
Dr. Partha Ghosh
B.E. (CIVIL), M.E. (Structural Engg.), Ph.D (IIT)

SIGNATURE OF PARTHA GHOSH