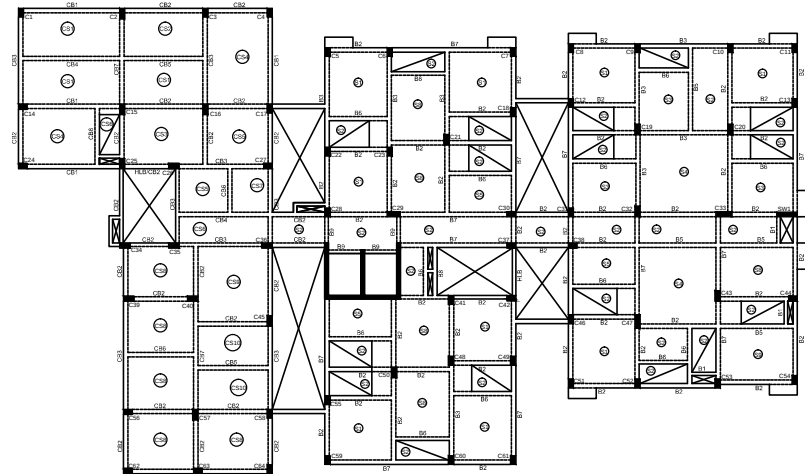




TYP. ROOF BEAM LAY-OUT PLAN  
SCALE - 1/100



GROUND. ROOF BEAM LAY-OUT PLAN  
SCALE - 1:100

| SCHEDULE OF SLAB |                |         |             |           |                |                |                |              |             | COMPRESSION STEEL |  |
|------------------|----------------|---------|-------------|-----------|----------------|----------------|----------------|--------------|-------------|-------------------|--|
| SLAB NO.         | SLAB THICKNESS | SPAN    |             |           | SUPPORT        |                |                | AT TOP(ALTH) |             |                   |  |
|                  |                | LOADING | SCHEMATIC   | SCHEMATIC | LOADING        | SCHEMATIC      | SCHEMATIC      | SCHEMATIC    |             |                   |  |
| 10               | 120            | 170     | 180 CC ALTH | 170       | 180 CC EXT TOP | 170            | 180 CC EXT TOP | ---          | ---         |                   |  |
| 12               | 100            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 13               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC EXT TOP | ---            | ---          | ---         |                   |  |
| 14               | 100            | 170     | 180 CC ALTH | ---       | 170            | 180 CC EXT TOP | ---            | ---          | ---         |                   |  |
| 15               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC EXT TOP | ---            | 180 CC ALTH  | 180 CC ALTH |                   |  |
| 16               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 17               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 18               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 19               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 20               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 21               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 22               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 23               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 24               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 25               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 26               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 27               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 28               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 29               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 30               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 31               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 32               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 33               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 34               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 35               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 36               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 37               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 38               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 39               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 40               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 41               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 42               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 43               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 44               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 45               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 46               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 47               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 48               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 49               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 50               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 51               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 52               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 53               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 54               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 55               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 56               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 57               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 58               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 59               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 60               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 61               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 62               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 63               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 64               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 65               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 66               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 67               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 68               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 69               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 70               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 71               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 72               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 73               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 74               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 75               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 76               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 77               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 78               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 79               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 80               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 81               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 82               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 83               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 84               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 85               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 86               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 87               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 88               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 89               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 90               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 91               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 92               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 93               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 94               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 95               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 96               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 97               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 98               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 99               | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |
| 100              | 120            | 170     | 180 CC ALTH | ---       | 170            | 180 CC ALTH    | ---            | ---          | ---         |                   |  |

- 3) ALL DIMENSIONS & DIMENSIONS ARE IN MILLIMETER
- 4) GRADE OF CONCRETE: ALL GRADE M20
- 5) FLECE: HAD WITH MINIMUM CEMENT CONTENT
- 6) 40% RATION OF CONC
- 7) FLECE: MAX - 10MM,
- 8) COLUMNS & BEAM AS PER SCHEDULE
- 9) REST ALL - AS PER REINFORCEMENT DRAWING COLUMNS GRADE OF CONC
- 10) P.C.C. SHALL BE LITTE R AS PER
- 11) TOR STEEL REINFORCEMENT SHALL CONFORM TO LATEST BS 1786 CODE WITH YIELD STRESS 460 MPAS
- 12) CLOSURE COUPLER REINFORCEMENT SHALL BE AS FOLLOWS:-
- 13) P.C.C. 40 MM ALL SIDES FROM OUTERMOST MAIN BAR,
- 14) FLECE: 40 MM ALL SIDES FROM OUTERMOST MAIN BAR,
- 15) CLOSURE: 50 MM ALL SIDES FROM OUTERMOST MAIN BAR,
- 16) COLUMN: 40 MM ALL SIDES FROM OUTERMOST MAIN BAR,
- 17) 30 MM ALL SIDES FROM OUTERMOST MAIN BAR,
- 18) FLOOR: 20 MM ALL SIDES FROM OUTERMOST MAIN BAR,
- 19) SLAB: 20 MM ALL SIDES FROM OUTERMOST MAIN BAR,
- 20) RAFT: 20 MM ALL SIDES FROM OUTERMOST MAIN BAR,
- 21) SLAB: 20 MM ALL SIDES FROM OUTERMOST MAIN BAR,
- 22) MINIMUM LAP LENGTH:-
- 23) FOR P.C.C. & WITH 3 STEEL LAP LENGTH IN BOTH DIRECTIONS OF 50 CM,
- 24) LAP LENGTH OF BARS TO BE PROVIDED AS 48 D OR 60 CM BAR,

[illegible]

I/WE CONFIRM THAT THE ERECTION OF BUILDINGS TO BE UNDERTAKEN SHALL BE STRICTLY IN ACCORDANCE WITH THE WEST BENGAL MUNICIPALITY ACT 1920 FOR 2007 & AMENDMENT 2015.

CERTIFICATE OF GEO-TECHNICAL ENGINEER

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.



**RAJ AGRAWAL & ASSOCIATES**  
ARCHITECTS, PLANNERS AND INTERIOR DESIGNERS.  
8B, ROYD STREET (2ND FLOOR), KOLKATA-16.

**PROPOSED 6-TH STORY RESIDENTIAL BUILDING AT E.E. & L.R. DAG NOS.-  
190,191,194,198 & 199 L.R. KENTIAN NOS.-  
190B,191A,190C,190E,190F,190G,190H,190I  
NOVA-FORMOSA, I.L. NO.- 8, TOWN NO.  
- 10 ,    R.S NO.- 110, P.S.- BAKULAY VARD NO.- 8, DISTRICT- NORTH 24  
PANGLOSS, QUEEN EDWARDIA MUNICIPAL CORPORATION.**

DATE: 1/10/2008

JOB NO. : 08/2024-2

DRG. NO. : EF/S/03

DRAWN BY : KATH

Page 10 of 10

SCALE : 1:100, 1:25.