

- NOTES:-**

 - 1.READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL/SERVICE DRAWINGS.
 - 2.ALL DIMENSIONS & LEVELS ARE IN MM. UNLESS NOTED OTHERWISE.
 - 3.DO NOT SCALE THE DRAWING. READ FIGURED DIMENSIONS ONLY.

DESIGN CAPACITY:-

4.FOUNDATION HAS BEEN DESIGNED CONSIDERING A NET SAFE BEARING CAPACITY OF 36T/SQ.MT. AT 1200 MM. BELOW NATURAL GROUND LEVEL. ENGINEER-IN-CHARGE TO CONFIRM THE SAME EXECUTION OF FOUNDATIONS.

CONCRETE:-

5.GRADE OF CONCRETE FOR ALL RCC WORK SHALL BE M-25. UNLESS NOTED OTHERWISE.

6.PLAN CEMENT CONCRETE BELOW FOOTINGS SHALL BE 100mm THK (M10) UNO.

REINFORCING STEEL:-

7.ALL REINFORCEMENT BARS SHALL BE HIGH YIELD STRENGTH DEFORMED BARS OF GRADE Fe-500D CONFORMING TO 1786:2008 WITH A MINIMUM YIELD STRENGTH OF 500 N/SM.M.

COVER:-

8.CLEAR COVER TO MAIN R/F SHALL BE:-

 - a.) FOOTING = 50 MM.
 - b.) FOOTING (SIDE) = 50 MM.
 - c.) PEDESTAL = 40 MM.
 - d.) COLUMN = 40 MM.
 - e.) BEAM = 25 MM.
 - f.) SLAB = 20 MM.

BEAM - COLUMN JUNCTIONS:-

9.AT BEAM & COLUMN JUNCTIONS BEAM BARS IF IN CONFLICT WITH COLUMN BARS SHALL BE GRADUALLY BENT & PLACED CLEAR OFF COLUMN BARS. UNDER NO CIRCUMSTANCES COLUMN VERTICAL BARS SHALL BE BENT TO ACCOMMODATE BEAM BARS.

10.EXTRA TOP OR BENT UP BARS SHALL BE EXTENDED UPTO 0.3 x L IN ADJACENT SPAN OVER A CONTINUOUS SUPPORT. IF EXTRA TOP ARE NOT PROVIDED THEN ANCHOR DOWN AT THE END SUPPORT.

CONSTRUCTION DETAILS:-

11.LAP LENGTH & BOND LENGTH SHALL BE AS PER IS 456: 2000.

12.LAPPING OF BARS SHALL BE STAGGERED. AT ANY CROSS SECTION NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.

13.LAPPING OF R/F BARS IN BEAMS & SLABS SHALL BE AVOIDED IN THE FOLLOWING CASES

 - a.) TOP BARS NEAR SUPPORT b.) BOTTOM BARS AT MIDSPAN

14.OVERLAP OF BARS IS NOT PERMITTED IN HANGERS.

15.STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOKS AT BOTTOM

16.ANY TYPE OF OPENINGS (CUTOUT/LOCKOUT) SHALL BE MATCHED WITH THE SERVICES DRAWINGS.

17.COLUMN REBARS SHALL BE BENT AT CHANGE OF SECTION WITH SLOPE OF (1:6) AS AND WHERE REQUIRED.
- LEGEND:-**

 1. N.G.L :- NATURAL GROUND LEVEL
 2. F.F.L :- FINISHED FLOOR LEVEL
 3. T.O.C :- TOP OF CONCRETE
 4. B.O.B :- BOTTOM OF BEAM
 5. T.O.B :- TOP OF BEAM
 6. U.N.O :- UNLESS NOTED OTHERWISE
 7. F.G.L :- FINISHED GROUND LEVEL

PROJECT:-

MADHUBAN GREEN VALLEY

BUILDING:-

3BHK FLAT UNIT BLOCK

DRAWING TITLE:

COLUMN FOOTING LAYOUT PLAN

DRG. NO:

ADEC/P000/MGV/STR-01A

DRAWN BY

AAHMR

SCALE

1:100

DESIGNED BY

ROHIT

SHEET SIZE

A2

CHECKED BY

ADA

DATE

17.07.2024

APPROVED BY

APOORV

NO.

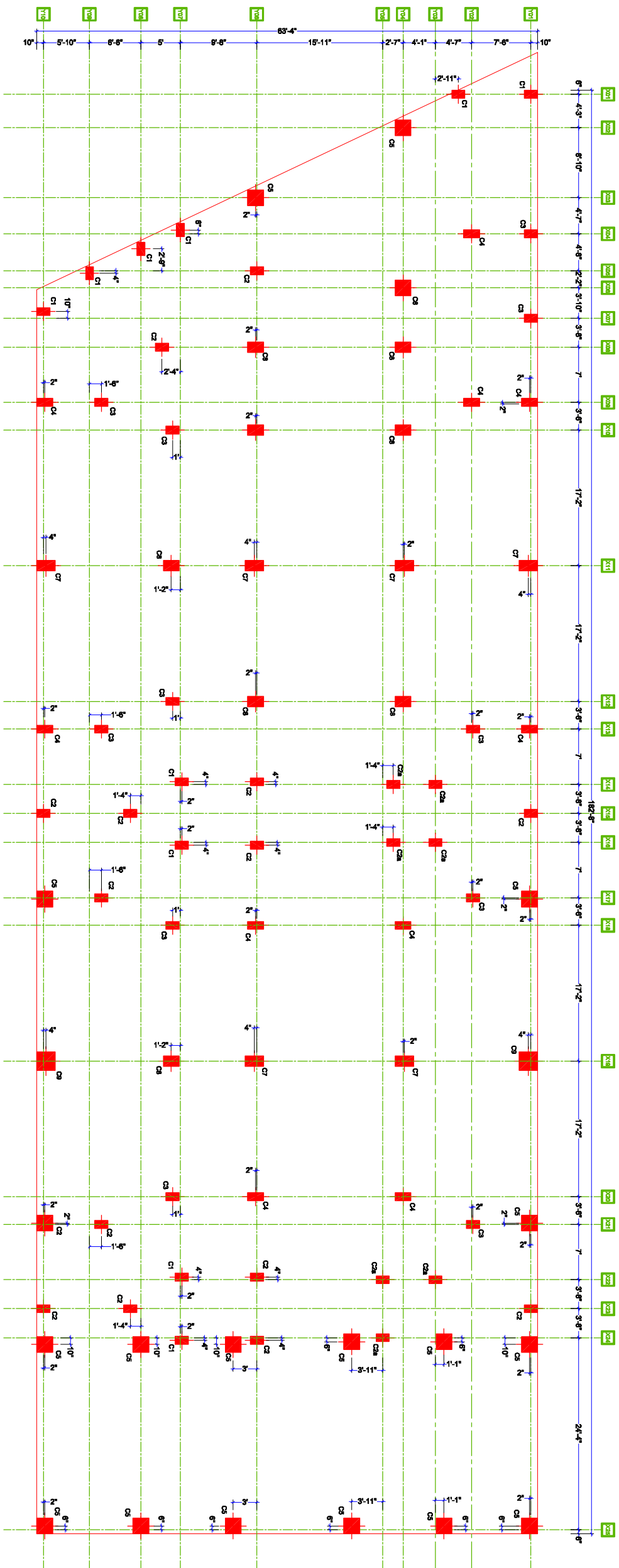
DATE

DESCRIPTION

CNO

ARCHITECT CONSULTANTS:

STRUCTURAL CONSULTANT:



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