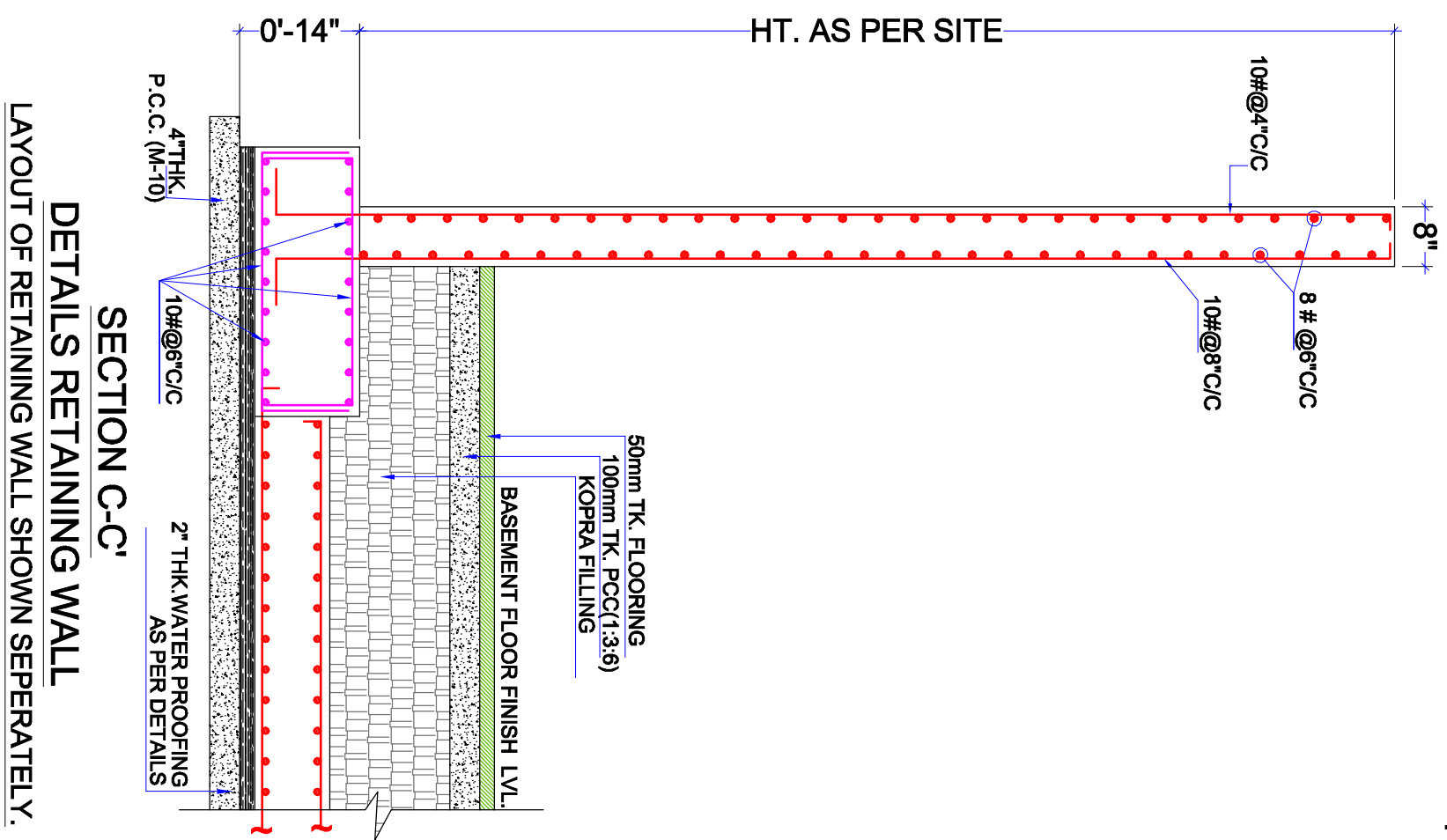


RETAINING WALL PLAN  
NOTE :- ALL LVL AS PER ARCH DWG



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 387K/SM<sup>2</sup> AT 1200 MM, BELOW NATURAL GROUND LEVEL. ENGINEER-IN-CHARGE TO CONFIRM THE SAME ENGINEER-IN-CHARGE TO CONFIRM THE SAME BEFORE 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-8000 CONFORMING TO 1786:2008 WITH A MINIMUM YIELD STRENGTH OF 500 N/SM<sup>2</sup>MM.

**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/BLOCKOUT) 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:**

**RCC WALL PLAN & SECTION**

**DRG. NO:**

**ADEC/P000/MGV/STR-01B**

DRAWN BY	AAMIR	SCALE	1:100
DESIGNED BY	ROHIT	SHEET SIZE	A2
CHECKED BY	ADA	DATE	23.05.2023
APPROVED BY	APOORV		
NO.	DATE	DESCRIPTION	OKD
R0	00.00.0000		

**ARCHITECT CONSULTANTS:**

**STRUCTURAL CONSULTANT:**