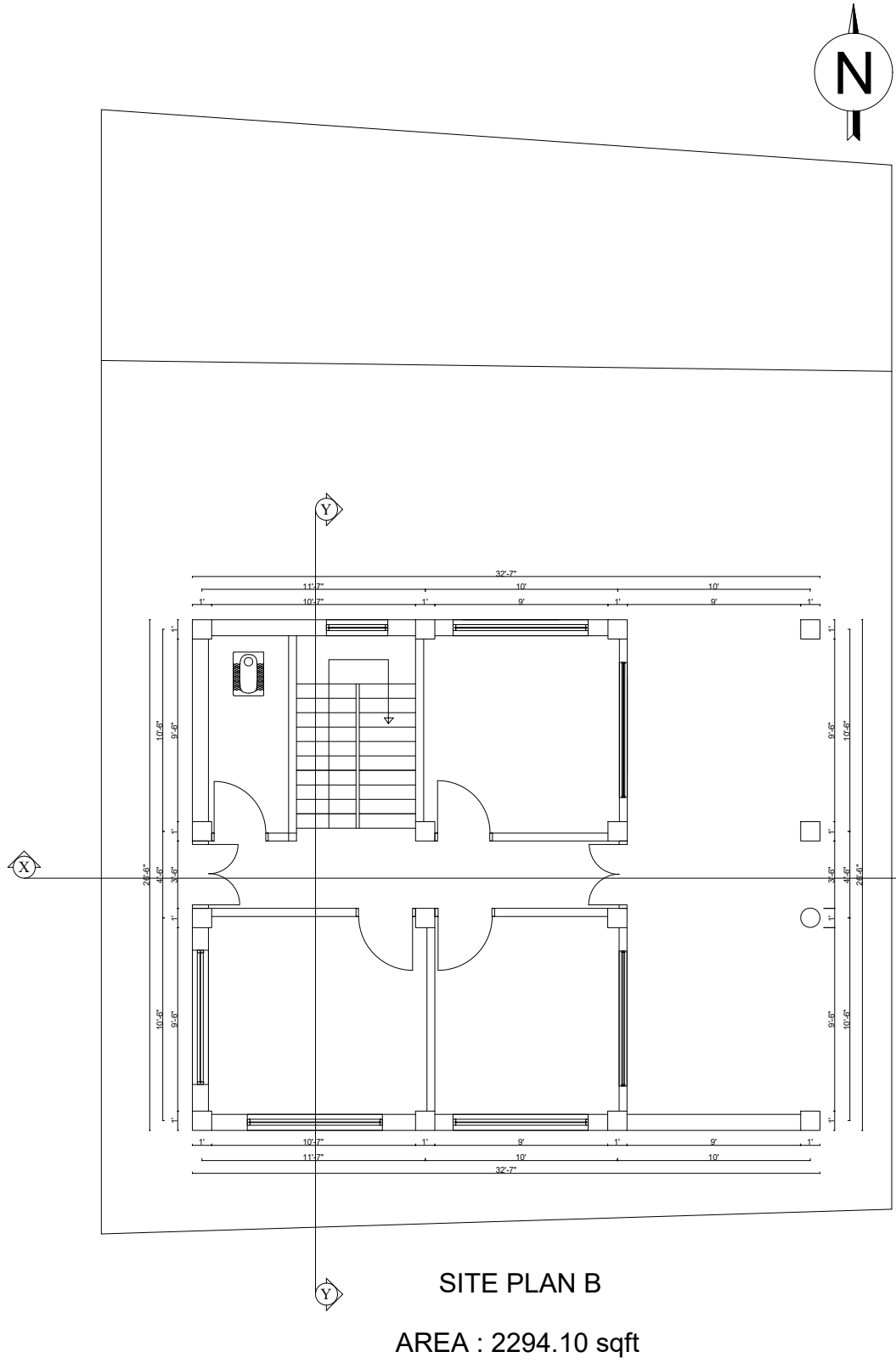
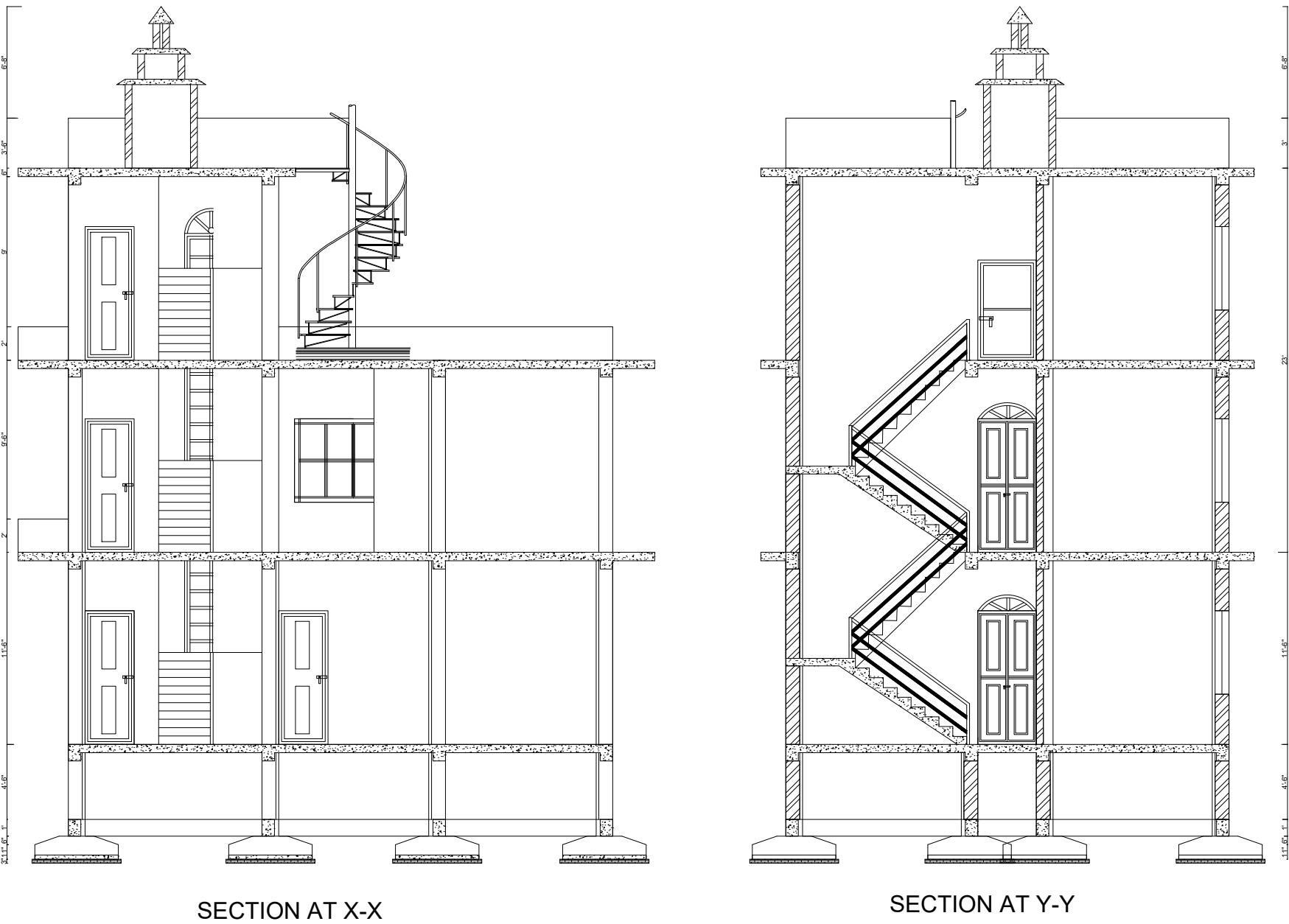


OPENING SCHEDULE:

ID	TYPE	SIZE	NO.
W1	WINDOW	7"5'	17
W2	WINDOW	29'1"3'2"	1
D1	DOOR	8"3'6"	5
D2	DOOR	8"3'	10
D3	DOOR	6"3'6"	1

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2. ALL DIMENSIONS ARE IN FEET INCHES UNLESS NOTED OTHERWISE.
3. CHANGE IN DIMENSION TO BE NOTIFIED TO THE CONSULTANCY IMMEDIATELY.
4. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF THE CONSULTANT.
5. THE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS. DISCREPANCIES, IF ANY, SHALL BE REPORTED TO SITE ENGINEER.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING FIELD DIMENSIONS AND SITE CONDITIONS.
7. GRADE OF CONCRETE MIX SHALL BE M20 FOR ALL MEMBERS CONFIRMING TO NBC 110 : 1994. EXCEPT FOR COLUMN.
8. REINFORCEMENT SHALL BE THERMO MECHANICALLY TREATED OF GRADE Fe : 500 CONFORMING TO NBC 101 : 1994 / NS 191.
9. CLEAR COVER TO REINFORCEMENT SHALL BE AS FOLLOWS :  
FOOTING : 50 mm  
COLUMN :40 mm  
BEAM : 25 mm  
SLAB : 15 mm  
STAIR SLAB : 15 mm
10. LAP LENGTH SHALL BE 60 TIMES THE DIAMETER OF THE BAR.
11. DEVELOPMENT LENGTH SHALL BE 60 TIMES THE DIAMETER OF THE BAR.
12. NOT MORE THAN HALF THE COLUMN BARS SHALL BE LAPPED AT A SECTION.
13. LAP SPLICES SHALL BE PROVIDED ONLY IN THE MIDDLE HALF OF THE COLUMN.
14. LAPPING OF BOTTOM BARS IN THE BEAM SHOULD BE RESTRICTED TO A REGION AT LEAST '2z' AWAY FROM COLUMN FACE WHERE 'z' IS THE BEAM DEPTH BUT EXCLUDING MIDDLE QUARTER LENGTH OF THE BEAM WHILE LAPPING OF TOP BARS SHOULD BE RESTRICTED TO ONE - THIRD LENGTH OF THE BEAM.
15. CONFINING STIRRUP IN BEAM - COLUMN JUNCTION SHALL BE PROVIDED IN 'z' PORTION AT THE SPACING INDICATED WHERE 'z' IS THE BEAM DEPTH. HOWEVER IF BEAMS ARE CONNECTED ON ALL THE FOUR DIRECTIONS OF THE COLUMNS THE SPACING SHOULD BE DOUBLED. IN CASE OF DIFFICULTY IN PROVIDING CLOSED STIRRUPS, U - TYPE STIRRUPS MAY BE PROVIDED.
16. AT BEAM - COLUMN JUNCTIONS, BEAM BARS IF IN CONFLICT WITH COLUMN BARS SHOULD BE GRADUALLY BENT AND PLACED CLEAR OFF COLUMN BARS. UNDER NO CIRCUMSTANCES COLUMN VERTICAL BARS SHALL BE BENT TO ACCOMODATE BEAM BARS.
17. UNLESS OTHERWISE INDICATED ALL CONSTRUCTION JOINTS SHALL BE ROUGHENED JOINTS WITH MINIMUM AMPLITUDE OF 5 mm.
18. PLUMBING SLOTS, HOLES AROUND PIPES, DUCTS OR OTHER ITEMS WHICH PASS THROUGH CONCRETE SLAB OR WALL SHALL BE FILLED AND PATCHED TO THE SAME DEPTH AS THE SLAB OR WALL.
19. IN DRAWINGS 'TH' & 'EX' DENOTES FOR THROUGH & EXTRA RESPECTIVELY
20. DISTANCE OF END TIES 'h' FROM FACE OF COLUMN SHALL BE 450mm
21. Soil Type is Medium Soil.



OFFICIAL USE ONLY

OWNER:

Details:

Building Type: Residential

Location:

Plot No.: Plot Area:  
2294.10 Sqft

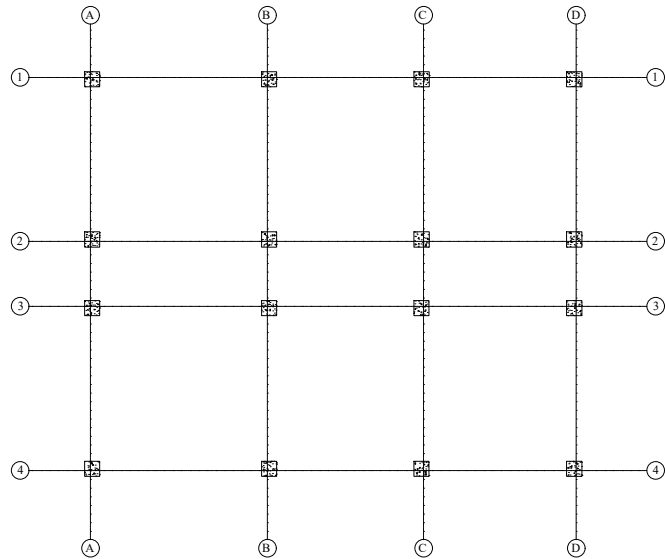
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Checked By:

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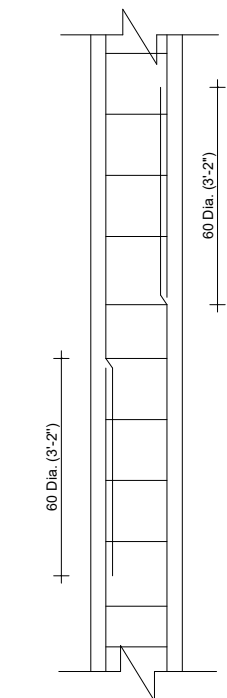
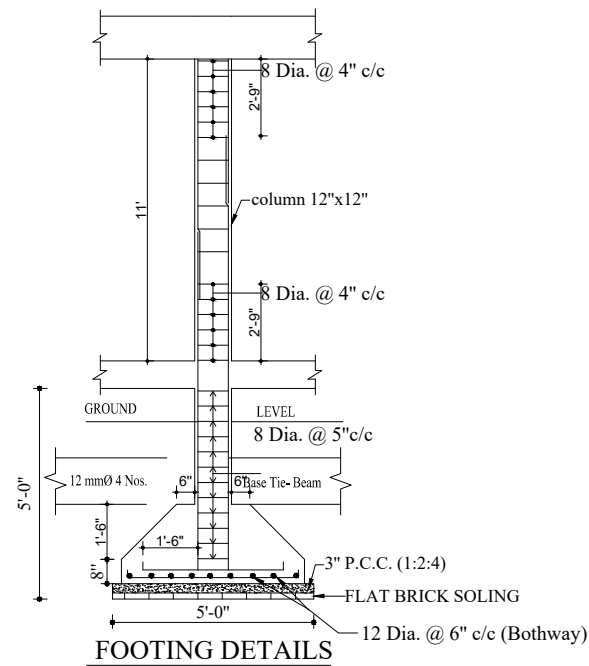


OFFICIAL USE ONLY



COLUMN PLAN

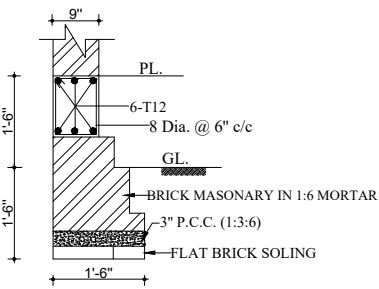
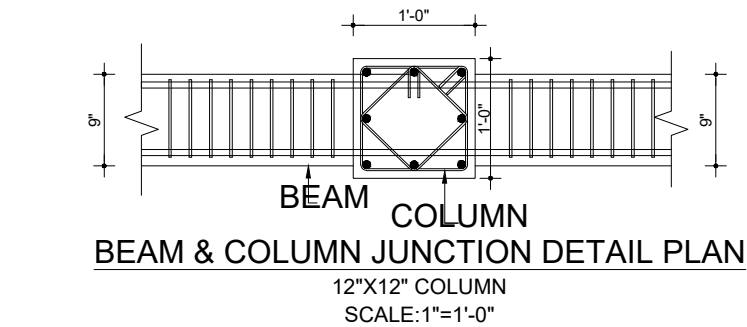
Column Layout Plan  
(Scale: 1"=8'-0")



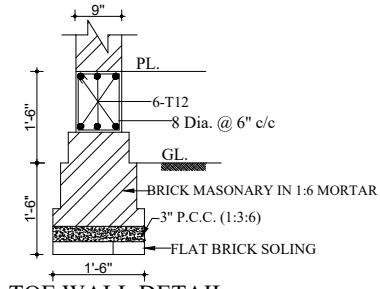
BAR LAP DETAIL -T

Fe415, fy=20MPa  
COLUMN DETAIL SCHEDULE

FLOOR	COLUMN TYPE	GROUND FLOOR	1ST FLOOR	TOP FLOOR
	C1 (12"x12")	 4-16Ø + 4-12Ø 8ØStirrups	 4-16Ø + 4-12Ø 8ØStirrups	 4-16Ø + 4-12Ø 8ØStirrups
<p><u>STIRRUPS DETAIL</u></p> <p>SHAPE OF TIES FOR COLUMN</p>				



TOE WALL DETAIL



TOE WALL DETAIL

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- Soil Type is Medium Soil.

OWNER:

Details:

Building Type:

Location:

GPS Coordinate:

Latitude  
Longitude

Plot No.:

Plot Area:

Drawn By:

Checked By:

Scale:

Sheet No:

Date:

NEC Registration No.