

WELCOME TO

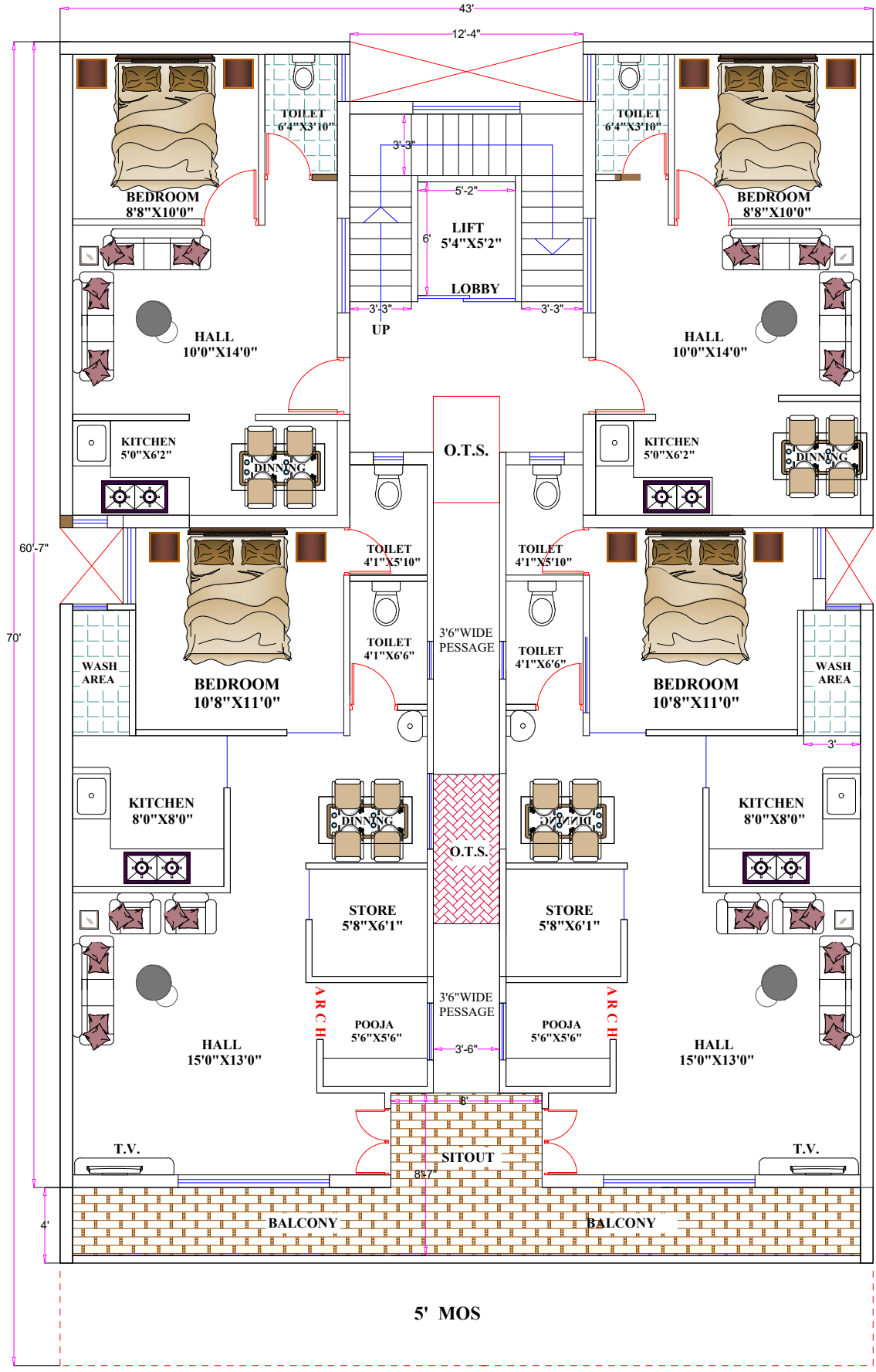
HD

Architecture Consultant's

Contact Us

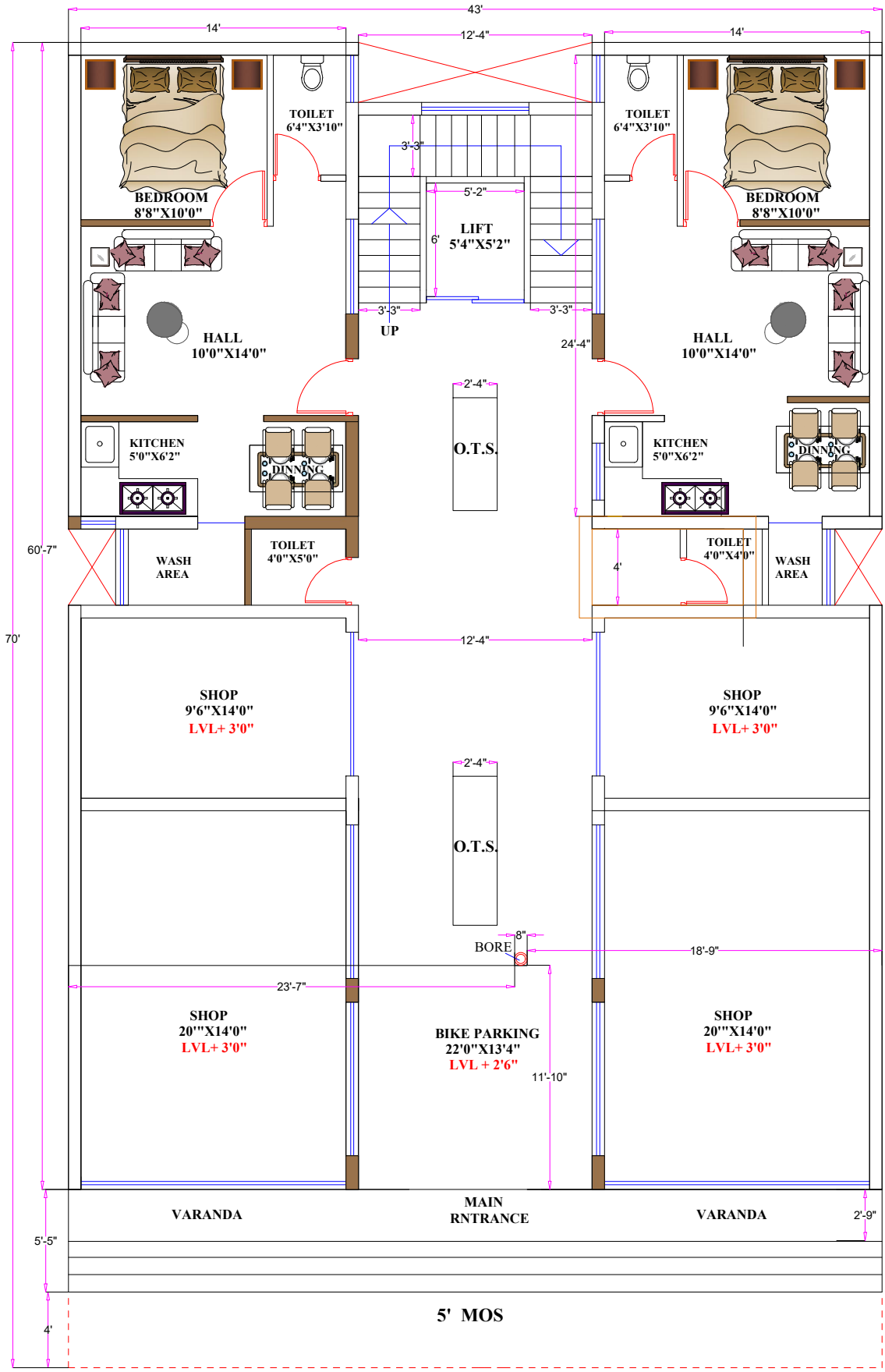
+91 8962551939

MR 10 Road, Vijay Nagar, Indore (MP) - 452010



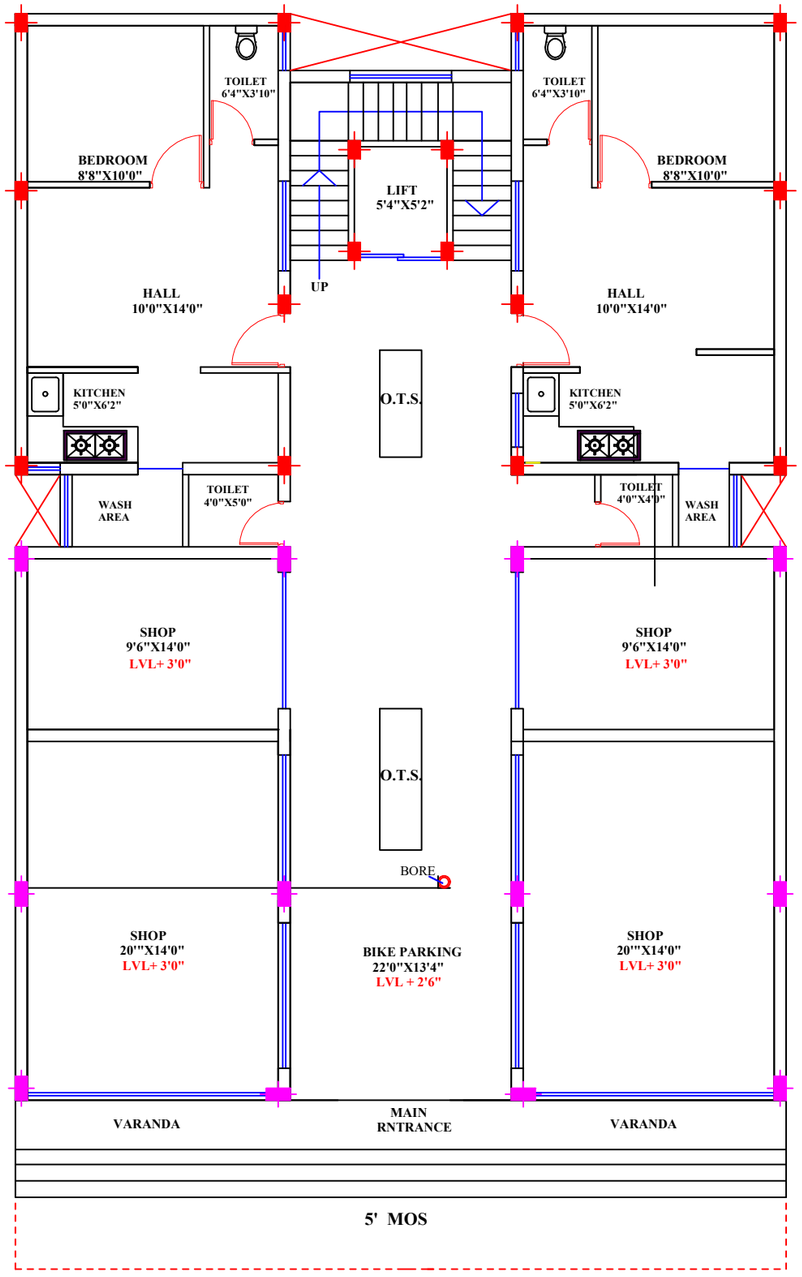
FIRST FLOOR PLAN

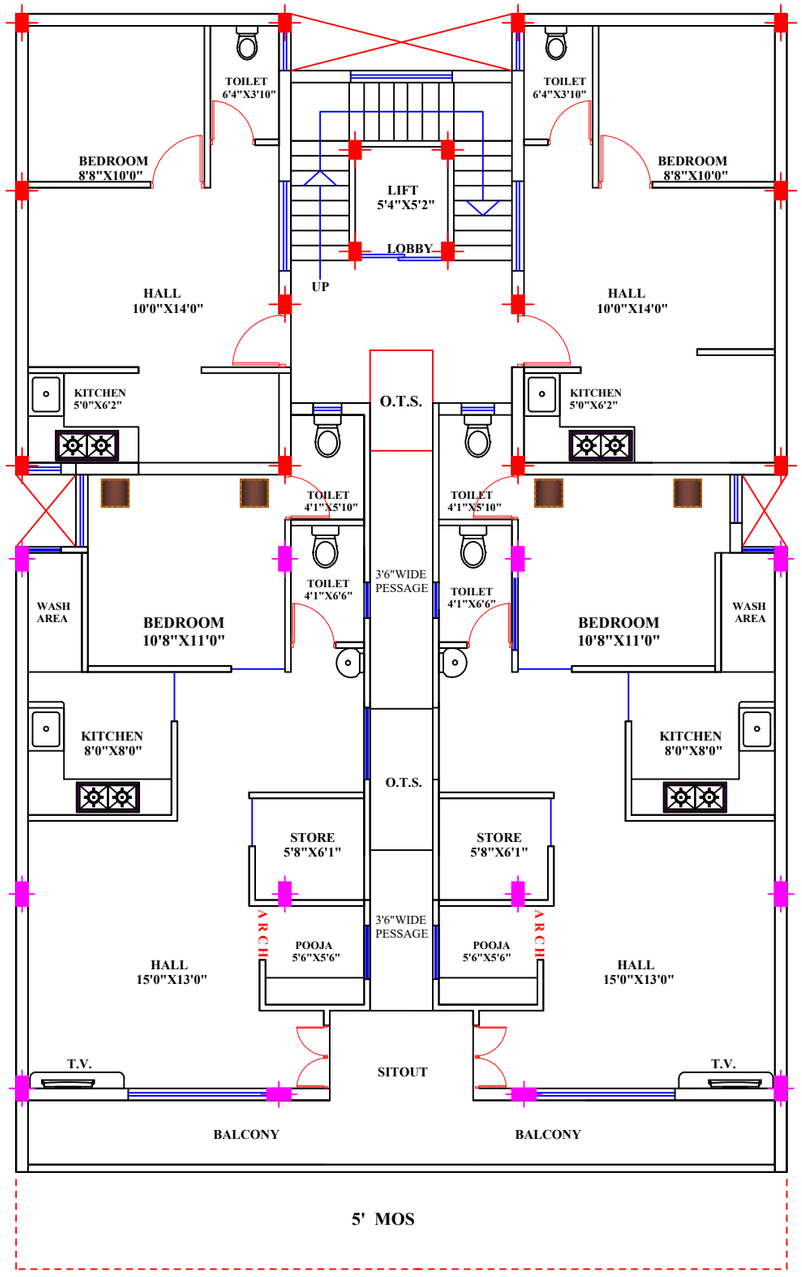
DATE - 15/10/2024	PROPOSED LAYOUT PLAN OF GROUND FLOOR	HD Architecture Consultant
-:SCALE:- Not to scale	CLIENT NAME - TRIPATHI JI	W S N E



GROUND FLOOR PLAN

DATE - 20/09/2024	PROPOSED LAYOUT PLAN OF GROUND FLOOR	HD Architecture Consultant	W S N E
-:SCALE:- Not to scale	CLIENT NAME - TRIPATHI JI		





NOTES:-

1.READ THIS DRAWING IN CONJUCTION 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.

CONCRETE:-

4.GRADE OF CONCRETE FOR ALL OTHER RCC WORK SHALL BE M-20. UNLESS NOTED OTHERWISE.
5.PLAIN CEMENT CONCRETE BELOW FOOTINGS SHALL BE 100mm THK (M7.5) UNO.

REINFORCING STEEL:-

6.ALL REINFORCEMENT BARS SHALL BE HIGH YEILD STRENGTH DEFORMED BARS OF GRADE Fe-500 CONFORMING TO 1786:2008 WITH A MINIMUM YEILD STRENGTH OF 500 N/SQMM.

COVER:-

7.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:-

8.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.
9.EXTRA TOP OR BENT UP BARS SHALL BE EXTENDED UPTO 0.3 x L IN ADJACENT SPAN OVER A CONTINOUS SUPPORT. IF EXTRA TOP ARE NOT PROVIDED THEN ANCHOR DOWN AT THE END SUPPORT.

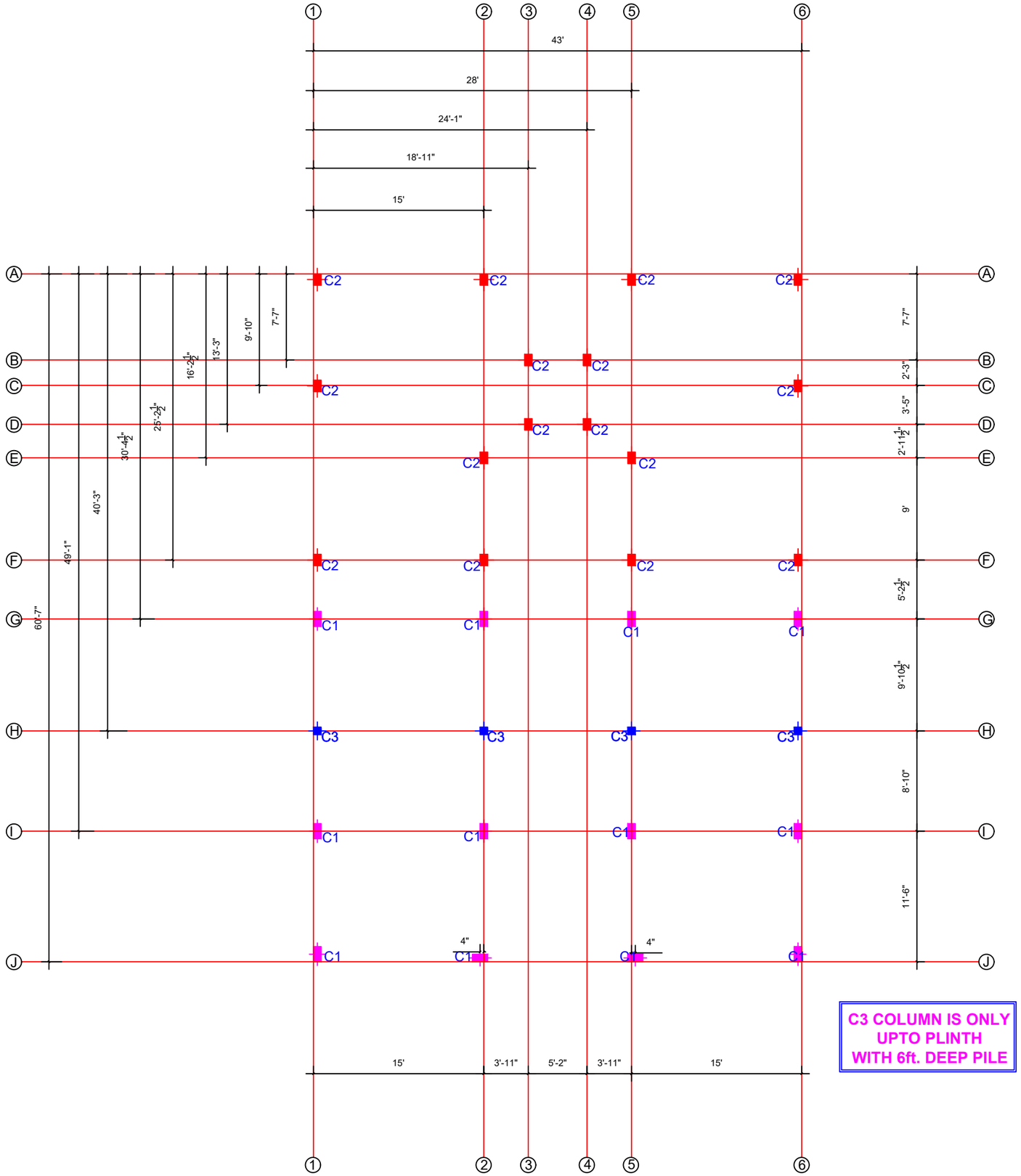
CONSTRUCTION DETAILS:-

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a.) TOP BARS NEAR SUPPORT b.) BOTTOM BARS AT MIDSPAN
13.OVERLAP OF BARS IS NOT PERMITTED IN HANGERS.
14.STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOKS AT BOTTOM
15.ANY TYPE OF OPENINGS (CUTOUT/BLOCKOUT) SHALL BE MATCHED WITH THE SERVICES DRAWINGS.
16.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 :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	1.COLUMN PLAN
LOCATION :	------
DATE :	15/12/2024



C3 COLUMN IS ONLY UPTO PLINTH WITH 6ft. DEEP PILE

COLUMN CENTERLINE PLAN

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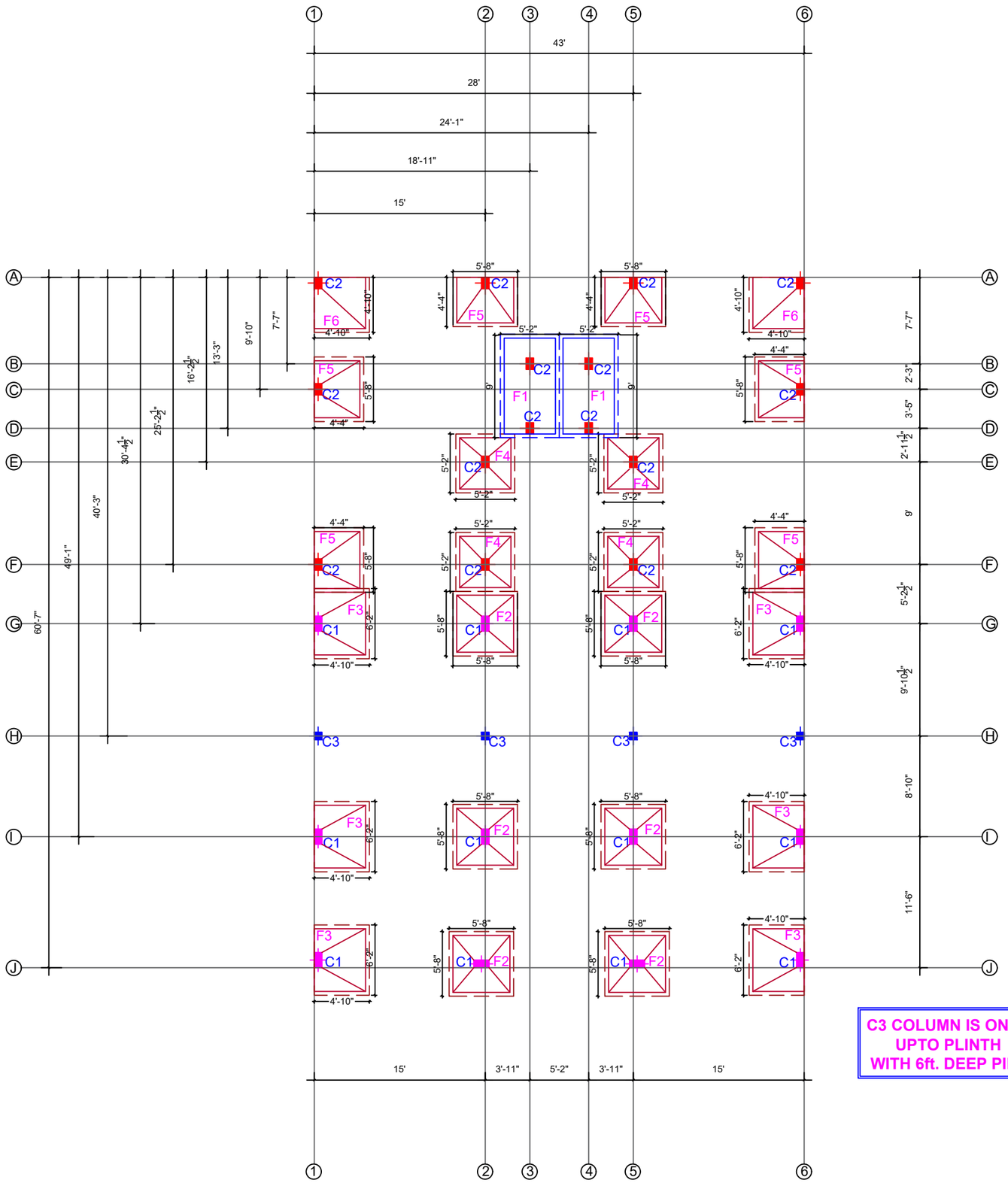
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PROJECT :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	2.COLUMN CENTERLINE PLAN
LOCATION :	------
DATE :	15/12/2024



FOUNDATION PLAN

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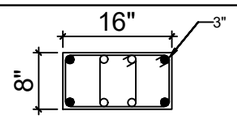
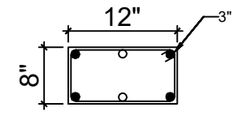
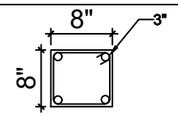
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7. F.G.L :- FINISHED GROUND LEVEL

PROJECT :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	3.FOUNDATION PLAN
LOCATION :	------
DATE :	15/12/2024

SCHEDULE OF REINFORCEMENT FOR FOOTINGS AND COLUMNS

TYPE	EXCAVATION	L (IN)	B (IN)	D (IN)	t (IN)	REINFORCEMENT IN 'L' DIRECTION	REINFORCEMENT IN 'B' DIRECTION
F1	9'-0" X 5'-2"	8'-4"	4'-6"	1'-10"		10 TMT 6" C/C	10 TMT 6" C/C
F2	5'-8" X 5'-8"	5'-0"	5'-0"	1'-8"	10"	10 TMT 6" C/C	10 TMT 6" C/C
F3	6'-2" X 4'-10"	5'-6"	4'-6"	1'-10"	12"	10 TMT 6" C/C	10 TMT 6" C/C
F4	5'-2" X 5'-2"	4'-6"	4'-6"	1'-8"	10"	10 TMT 6" C/C	10 TMT 6" C/C
F5	5'-8" X 4'-8"	5'-0"	4'-0"	1'-10"	12"	10 TMT 6" C/C	10 TMT 6" C/C
F6	4'-10" X 4'-10"	4'-6"	4'-6"	1'-8"	10"	10 TMT 6" C/C	10 TMT 6" C/C

NOTE: THE DEPTH OF FOUNDATION WILL BE ACCORDING TO THE SITE CONDITION.

COL NO.	COLUMN SECTION
C1	 ○4 NOS 16 TMT ○4 NOS 12 TMT 8 TMT @ 6" C/C RING(DOUBLE RING)
C2	 ○4 NOS 16 TMT ○2 NOS 12 TMT 8 TMT @ 6" C/C RING
C3	 ○4 NOS 12 TMT 8 TMT @ 7" C/C RING

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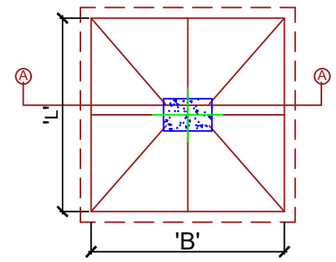
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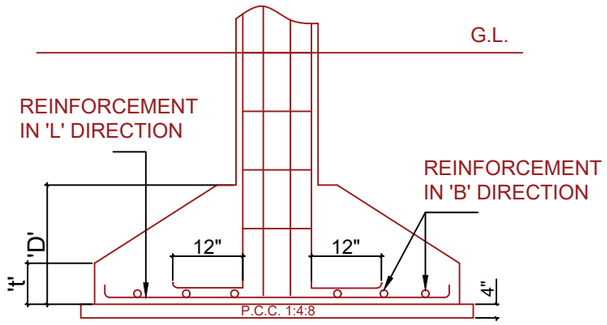
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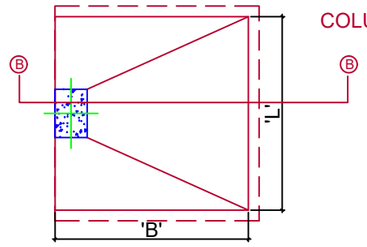
PROJECT :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	4.FOUNDATION SCHEDULE
LOCATION :	------
DATE :	15/12/2024



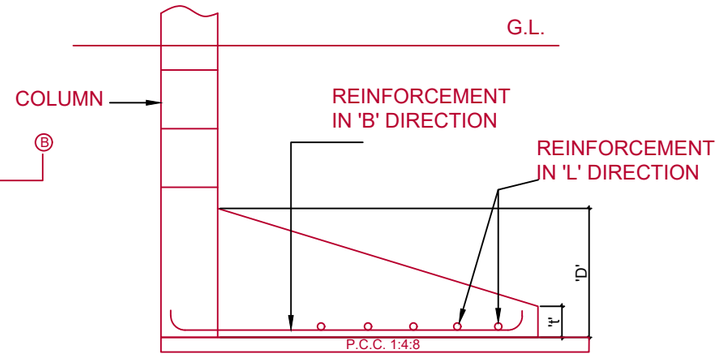
PLAN
TYPICAL FOOTING DETAIL OF COLUMN



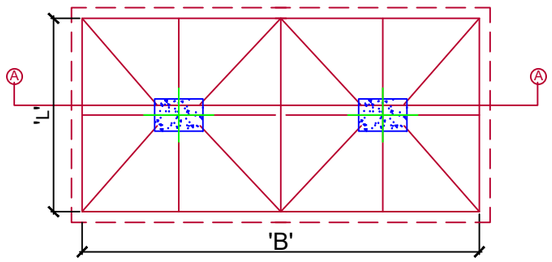
SECTION A-A



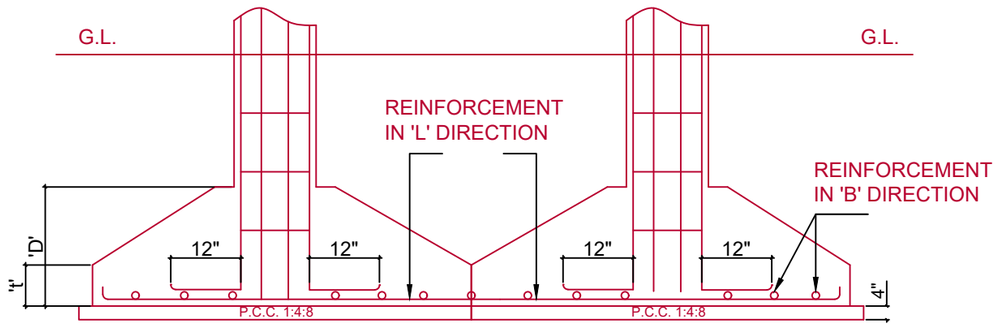
PLAN
TYPICAL FOOTING DETAIL OF
CORNER WALL COLUMNS



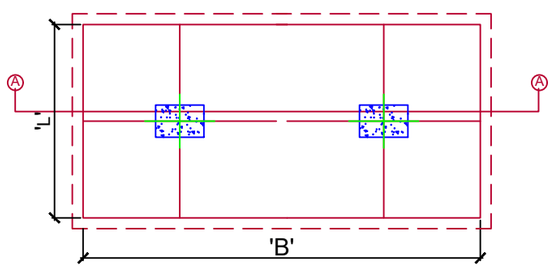
SECTION B-B



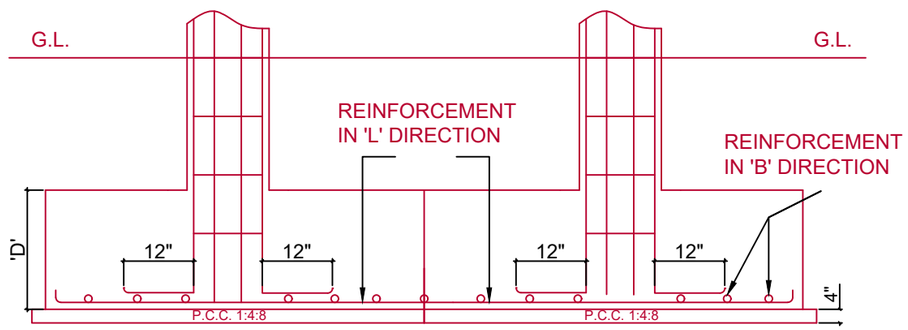
PLAN
TYPICAL DETAIL OF COMBINED
FOOTING OF COLUMN



SECTION A-A



PLAN
TYPICAL DETAIL OF COMBINED
BOX FOOTING OF COLUMN



SECTION A-A

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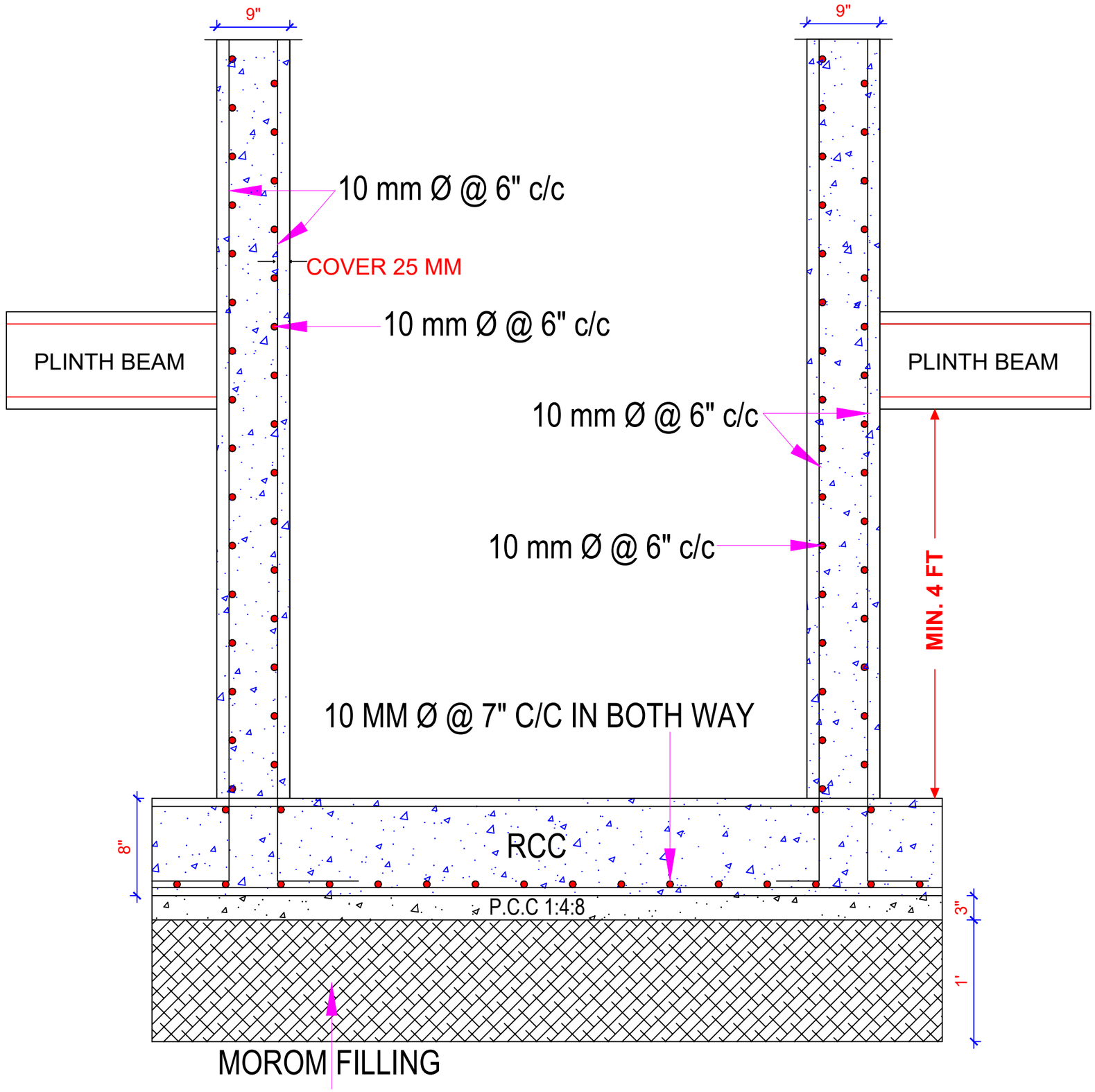
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PROJECT :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	5.FOUNDATION PLAN & SECTION
LOCATION :	------
DATE :	15/12/2024



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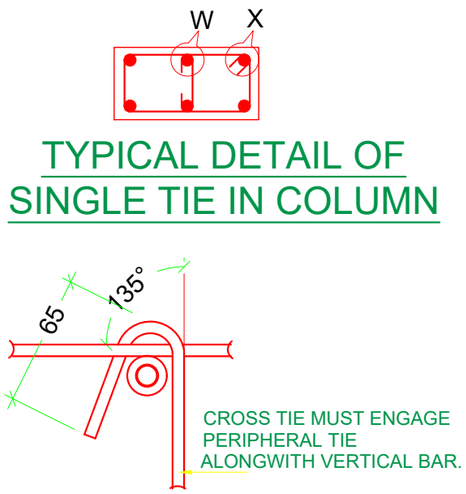
CONSTRUCTION DETAILS:-

10.LAP LENGTH & BOND LENGTH SHALL BE AS PER IS 456: 2000.
11.LAPPING OF BARS SHALL BE STAGGERED. AT ANY CROSS SECTION NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.
12.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
13.OVERLAP OF BARS IS NOT PERMITTED IN HANGERS.
14.STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOKS AT BOTTOM
15.ANY TYPE OF OPENINGS (CUTOUT/BLOCKOUT) SHALL BE MATCHED WITH THE SERVICES DRAWINGS.
16.COLUMN REBARS SHALL BE BENT AT CHANGE OF SECTION WITH SLOPE OF (1:6) AS AND WHERE REQUIRED.

LEGEND:-

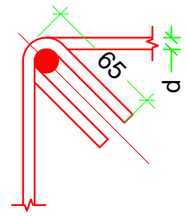
1. N.G.L :- NATURAL GROUND LEVEL
2. F.F.L :- FINISHED FLOOR LEVEL
3. T.O.C :- TOP OF CONCRETE
4. B.O.B :- BOTTOM OF BEAM
5. T.O.B :- TOP OF BEAM
6. U.N.O :- UNLESS NOTED OTHERWISE
7. F.G.L :- FINISHED GROUND LEVEL

PROJECT :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	5A.LIFT PIT
LOCATION :	------
DATE :	15/12/2024

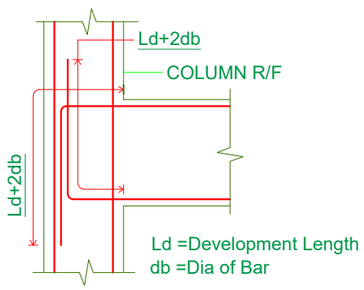


TYPICAL DETAIL OF SINGLE TIE IN COLUMN

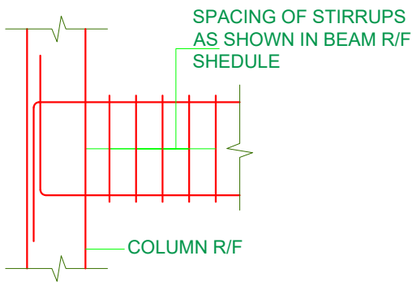
DETAIL-W



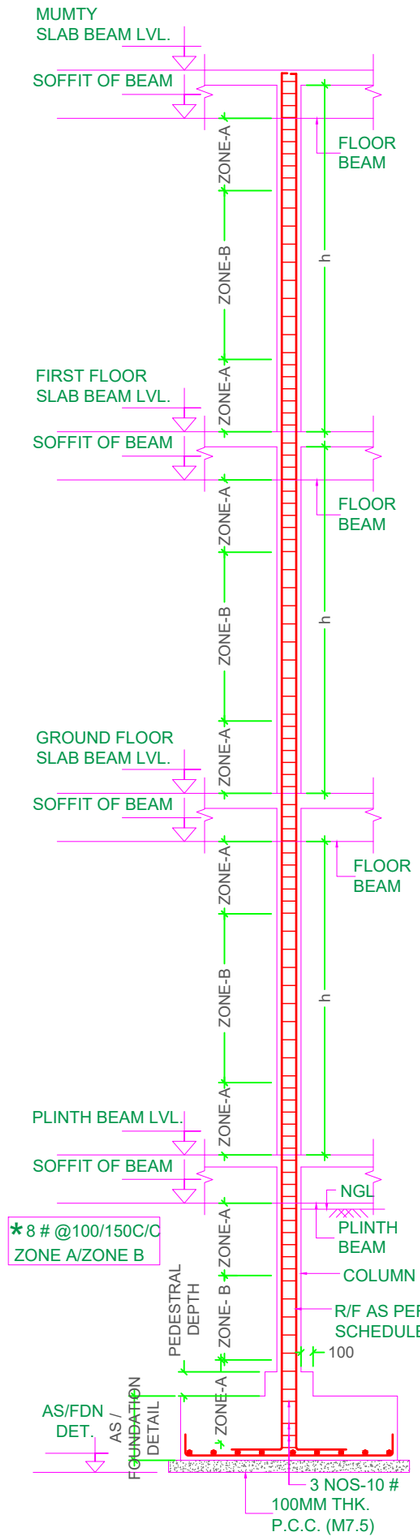
DETAIL-X



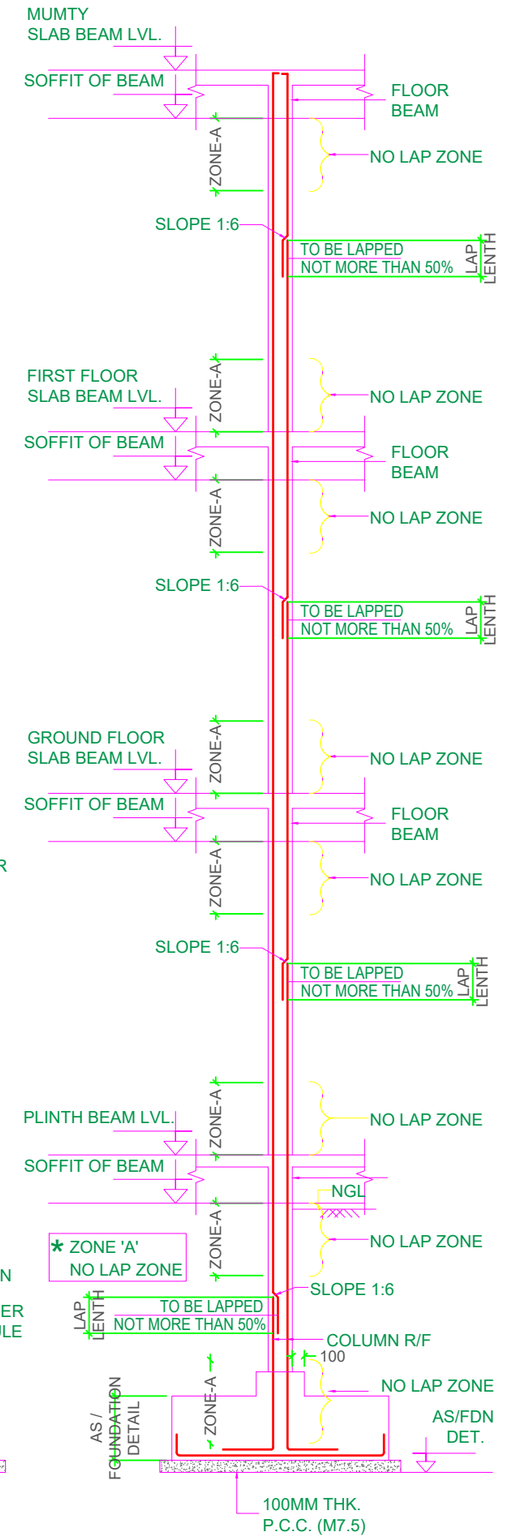
SECTION OF BEAM & COLUMN JUNCTION



SECTION SHOWING START OF STIRRUPS



TYP. COLUMN TIES SPACING



TYP. COLUMN REINF. SPLICING DETAILS

NOTES:-

1. READ THIS DRAWING IN CONJUCTION 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.

CONCRETE:-

4. GRADE OF CONCRETE FOR ALL OTHER RCC WORK SHALL BE M-20. UNLESS NOTED OTHERWISE.
5. PLAIN CEMENT CONCRETE BELOW FOOTINGS SHALL BE 100mm THK (M7.5) UNO.

REINFORCING STEEL:-

6. ALL REINFORCEMENT BARS SHALL BE HIGH YEILD STRENGTH DEFORMED BARS OF GRADE Fe-500 CONFORMING TO 1786:2008 WITH A MINIMUM YEILD STRENGTH OF 500 N/SQMM.

COVER:-

7. 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:-

8. 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.
9. EXTRA TOP OR BENT UP BARS SHALL BE EXTENDED UPTO 0.3 x L IN ADJACENT SPAN OVER A CONTINOUS SUPPORT. IF EXTRA TOP ARE NOT PROVIDED THEN ANCHOR DOWN AT THE END SUPPORT.

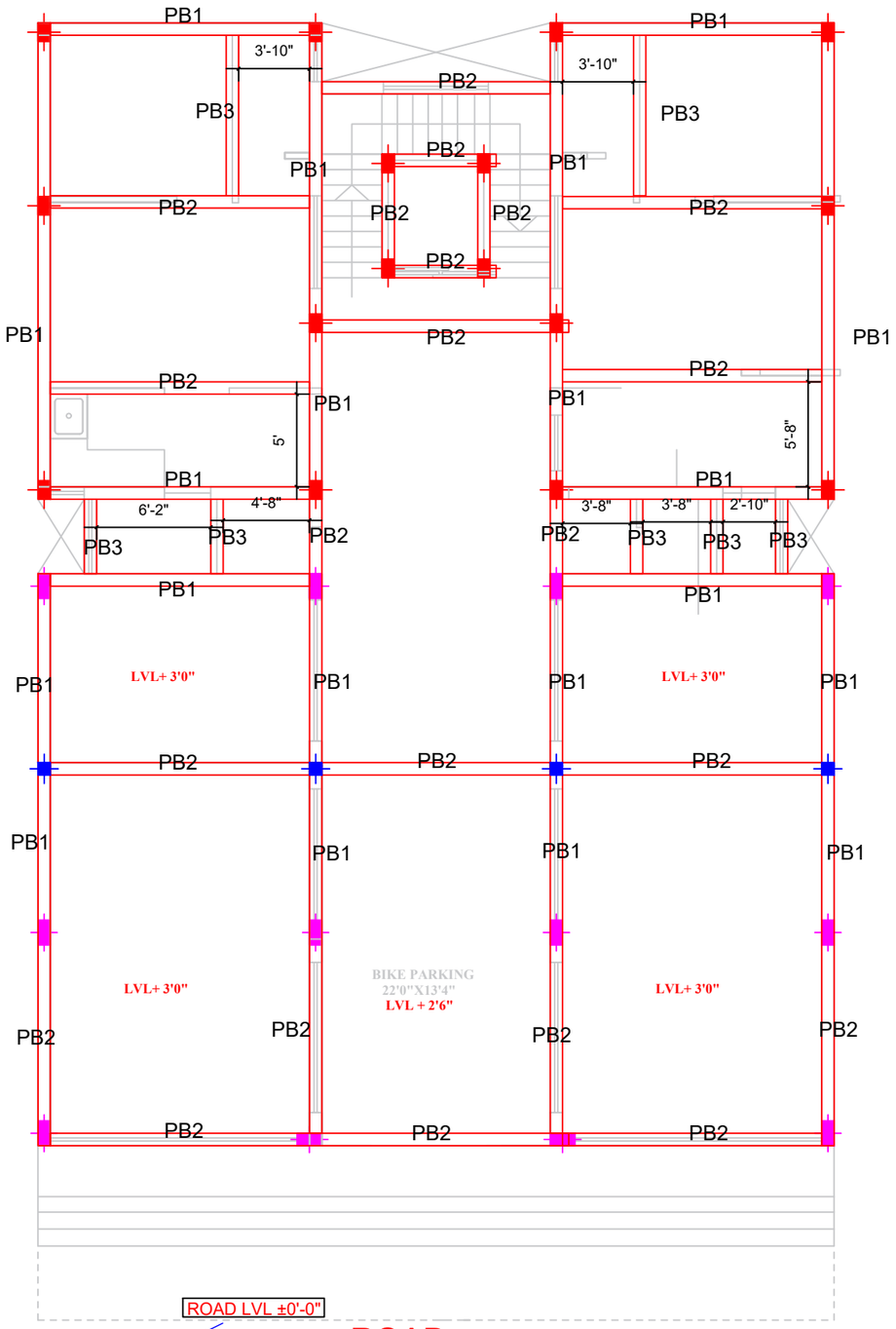
CONSTRUCTION DETAILS:-

10. LAP LENGTH & BOND LENGTH SHALL BE AS PER IS 456: 2000.
11. LAPPING OF BARS SHALL BE STAGGERED. AT ANY CROSS SECTION NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.
12. 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
13. OVERLAP OF BARS IS NOT PERMITTED IN HANGERS.
14. STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOKS AT BOTTOM
15. ANY TYPE OF OPENINGS (CUTOUT/BLOCKOUT) SHALL BE MATCHED WITH THE SERVICES DRAWINGS.
16. 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 :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	6A.COLUMN TYPICAL SECTION
LOCATION :	------
DATE :	15/12/2024

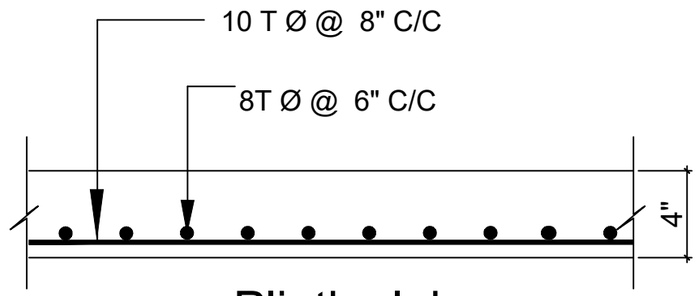


PLINTH BEAM PLAN

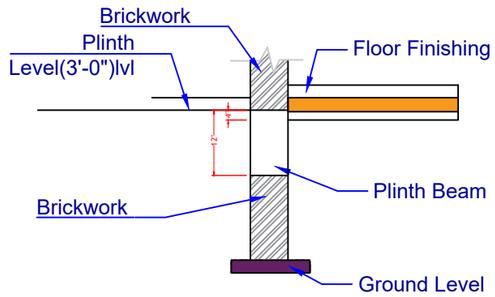
T.O.B IS AS PER ACHITECTURAL DRAWING

SCHEDULE OF PLINTH BEAM

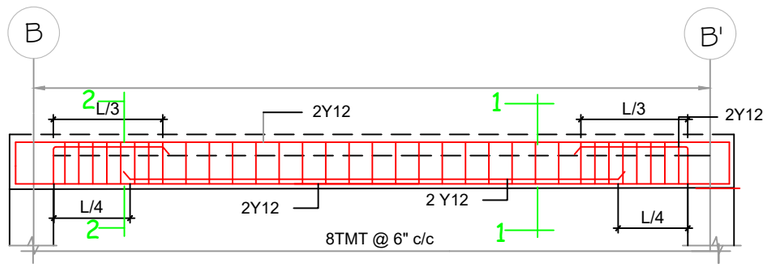
NAME	SIZE (IN)	REIN. AT TOP	REIN. AT BOTTOM	EXTRA AT BOTTOM	EXTRA AT TOP	RINGS	
						UP TO L/3	AFTER L/3
PB1	8" x 12"	2-12 TMT	3-12 TMT	2-12 TMT	2-12 TMT	8 # @ 5" C/C	8 # @ 6" C/C
PB2	8" x 12"	2-12 TMT	2-12 TMT	2-12 TMT	2-12 TMT	8 # @ 5" C/C	8 # @ 6" C/C
PB3	8" x 12"	2-12 TMT	2-12 TMT	-	-	8 # @ 5" C/C	8 # @ 6" C/C



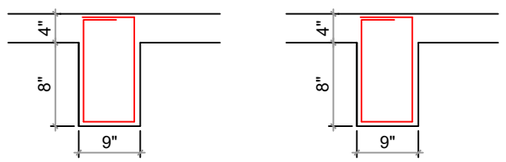
Plinth slab



Section AA'



BEAM SECTION B-B'



SECTION 1 - 1 SECTION 2 - 2

NOTES:-

1. READ THIS DRAWING IN CONJUCTION 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.

CONCRETE:-

4. GRADE OF CONCRETE FOR ALL OTHER RCC WORK SHALL BE M-20. UNLESS NOTED OTHERWISE.
5. PLAIN CEMENT CONCRETE BELOW FOOTINGS SHALL BE 100mm THK (M7.5) UNO.

REINFORCING STEEL:-

6. ALL REINFORCEMENT BARS SHALL BE HIGH YEILD STRENGTH DEFORMED BARS OF GRADE Fe-500 CONFORMING TO 1786:2008 WITH A MINIMUM YEILD STRENGTH OF 500 N/SQMM.

COVER:-

7. 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:-

8. 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.
9. EXTRA TOP OR BENT UP BARS SHALL BE EXTENDED UPTO 0.3 x L IN ADJACENT SPAN OVER A CONTINOUS SUPPORT. IF EXTRA TOP ARE NOT PROVIDED THEN ANCHOR DOWN AT THE END SUPPORT.

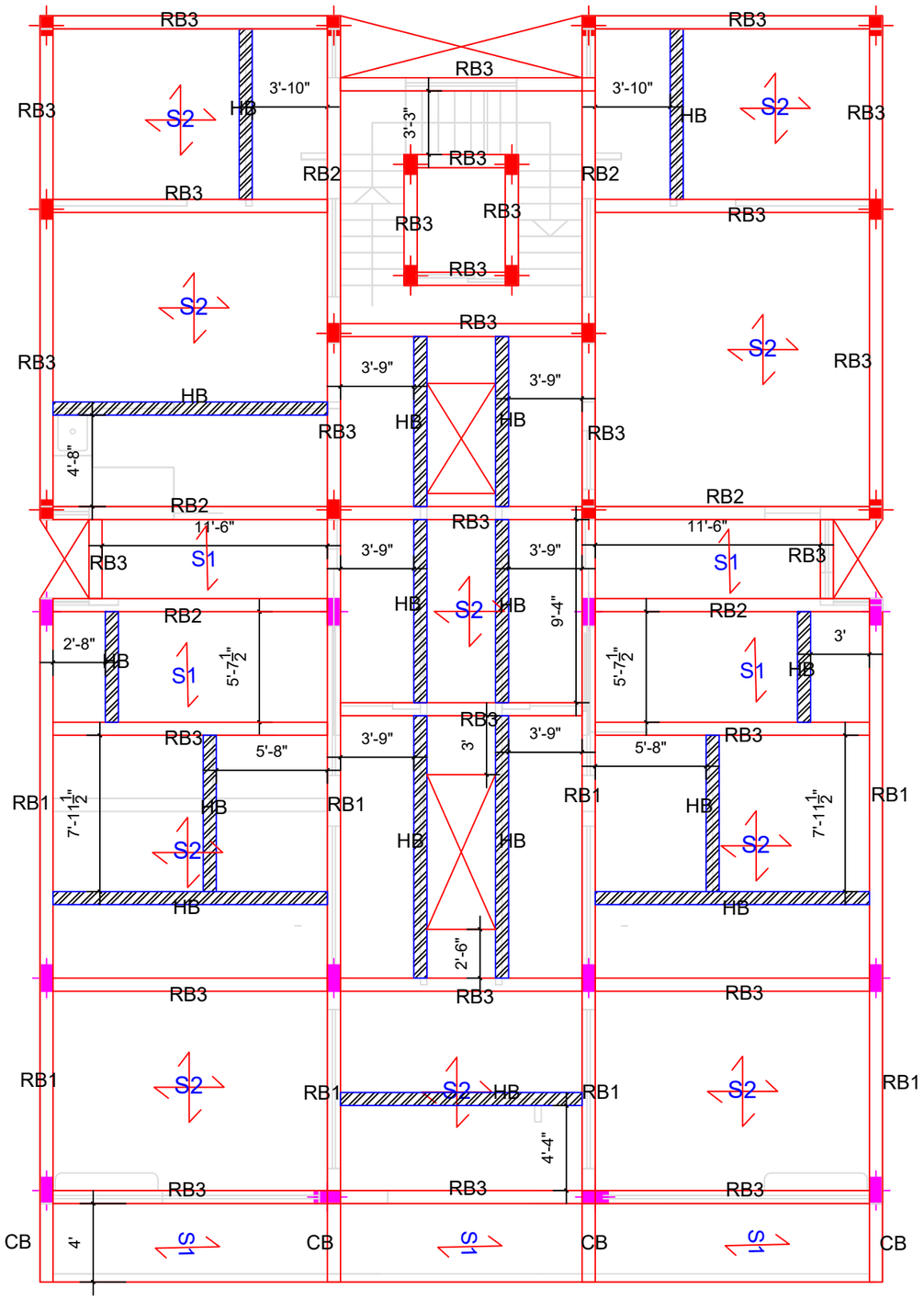
CONSTRUCTION DETAILS:-

10. LAP LENGTH & BOND LENGTH SHALL BE AS PER IS 456: 2000.
11. LAPPING OF BARS SHALL BE STAGGERED. AT ANY CROSS SECTION NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.
12. 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
13. OVERLAP OF BARS IS NOT PERMITTED IN HANGERS.
14. STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOKS AT BOTTOM
15. ANY TYPE OF OPENINGS (CUTOUT/BLOCKOUT) SHALL BE MATCHED WITH THE SERVICES DRAWINGS.
16. 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 :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	7.PLINTH BEAM PLAN
LOCATION :	------
DATE :	15/12/2024



ROAD

GF ROOF BEAM & SLAB PLAN

NOTES:-

1.READ THIS DRAWING IN CONJUCTION 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.

CONCRETE:-

4.GRADE OF CONCRETE FOR ALL OTHER RCC WORK SHALL BE M-20. UNLESS NOTED OTHERWISE.
5.PLAIN CEMENT CONCRETE BELOW FOOTINGS SHALL BE 100mm THK (M7.5) UNO.

REINFORCING STEEL:-

6.ALL REINFORCEMENT BARS SHALL BE HIGH YEILD STRENGTH DEFORMED BARS OF GRADE Fe-500 CONFORMING TO 1786:2008 WITH A MINIMUM YEILD STRENGTH OF 500 N/SQMM.

COVER:-

7.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:-

8.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.
9.EXTRA TOP OR BENT UP BARS SHALL BE EXTENDED UPTO 0.3 x L IN ADJACENT SPAN OVER A CONTINOUS SUPPORT. IF EXTRA TOP ARE NOT PROVIDED THEN ANCHOR DOWN AT THE END SUPPORT.

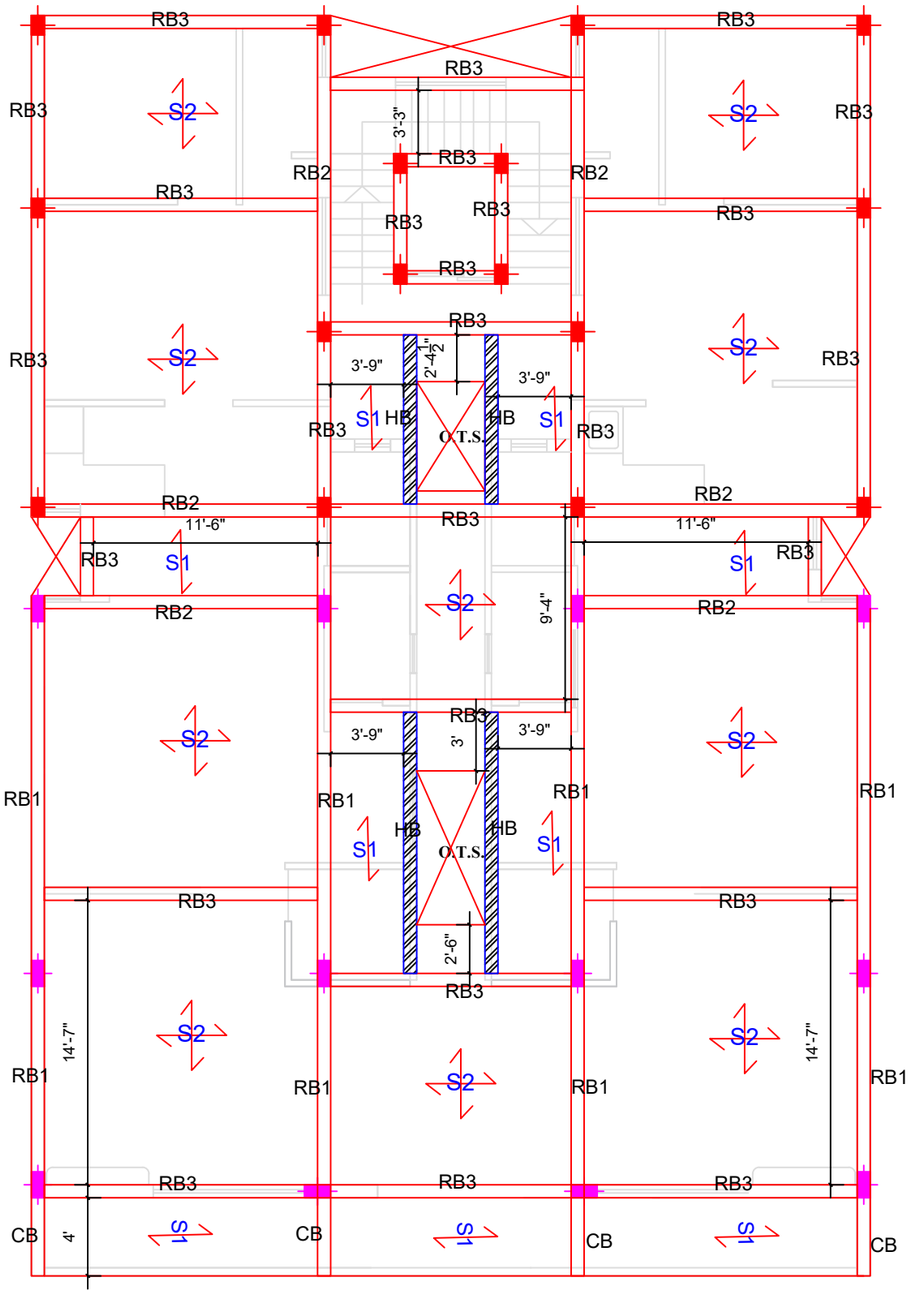
CONSTRUCTION DETAILS:-

10.LAP LENGTH & BOND LENGTH SHALL BE AS PER IS 456: 2000.
11.LAPPING OF BARS SHALL BE STAGGERED. AT ANY CROSS SECTION NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.
12.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
13.OVERLAP OF BARS IS NOT PERMITTED IN HANGERS.
14.STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOKS AT BOTTOM
15.ANY TYPE OF OPENINGS (CUTOUT/BLOCKOUT) SHALL BE MATCHED WITH THE SERVICES DRAWINGS.
16.COLUMN REBARS SHALL BE BENT AT CHANGE OF SECTION WITH SLOPE OF (1:6) AS AND WHERE REQUIRED.

LEGEND:-

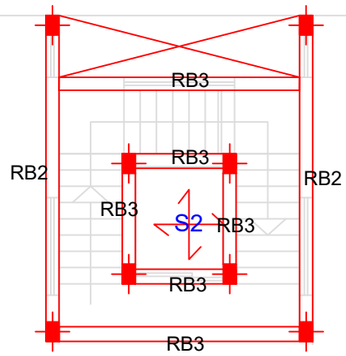
1. N.G.L :- NATURAL GROUND LEVEL
2. F.F.L :- FINISHED FLOOR LEVEL
3. T.O.C :- TOP OF CONCRETE
4. B.O.B :- BOTTOM OF BEAM
5. T.O.B :- TOP OF BEAM
6. U.N.O :- UNLESS NOTED OTHERWISE
7. F.G.L :- FINISHED GROUND LEVEL

PROJECT :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	8.ROOF BEAM PLAN
LOCATION :	------
DATE :	15/12/2024



ROAD

FF ROOF BEAM & SLAB PLAN



ROAD

MUMTY ROOF BEAM & SLAB PLAN

NOTES:-

1. READ THIS DRAWING IN CONJUCTION 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.

CONCRETE:-

4. GRADE OF CONCRETE FOR ALL OTHER RCC WORK SHALL BE M-20. UNLESS NOTED OTHERWISE.
5. PLAIN CEMENT CONCRETE BELOW FOOTINGS SHALL BE 100mm THK (M7.5) UNO.

REINFORCING STEEL:-

6. ALL REINFORCEMENT BARS SHALL BE HIGH YEILD STRENGTH DEFORMED BARS OF GRADE Fe-500 CONFORMING TO 1786:2008 WITH A MINIMUM YEILD STRENGTH OF 500 N/SQMM.

COVER:-

7. 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:-

8. 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.
9. EXTRA TOP OR BENT UP BARS SHALL BE EXTENDED UPTO 0.3 x L IN ADJACENT SPAN OVER A CONTINOUS SUPPORT. IF EXTRA TOP ARE NOT PROVIDED THEN ANCHOR DOWN AT THE END SUPPORT.

CONSTRUCTION DETAILS:-

10. LAP LENGTH & BOND LENGTH SHALL BE AS PER IS 456: 2000.
11. LAPPING OF BARS SHALL BE STAGGERED. AT ANY CROSS SECTION NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.
12. 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
13. OVERLAP OF BARS IS NOT PERMITTED IN HANGERS.
14. STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOKS AT BOTTOM
15. ANY TYPE OF OPENINGS (CUTOUT/BLOCKOUT) SHALL BE MATCHED WITH THE SERVICES DRAWINGS.
16. COLUMN REBARS SHALL BE BENT AT CHANGE OF SECTION WITH SLOPE OF (1:6) AS AND WHERE REQUIRED.

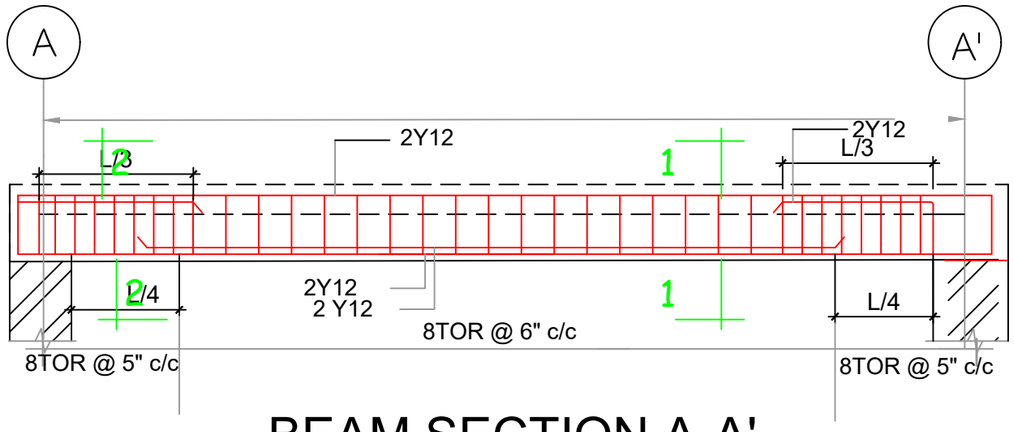
LEGEND:-

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

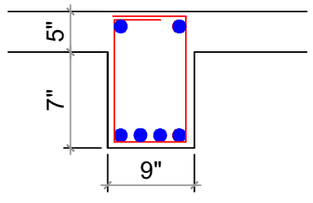
PROJECT :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	8.ROOF BEAM PLAN
LOCATION :	------
DATE :	15/12/2024

SCHEDULE OF ROOF BEAM

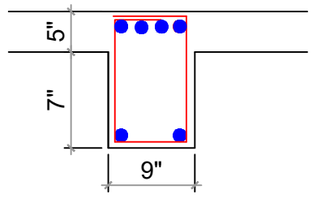
NAME	SIZE (IN)	REIN. AT TOP	REIN. AT BOTTOM	EXTRA AT BOTTOM	EXTRA AT TOP	RINGS	
						UP TO L/3	AFTER L/3
RB1	8" x 16"	2-16 TMT	3-16 TMT	2-12 TMT	2-12 TMT	8 # @ 5" C/C	8 # @ 6" C/C
RB2	8" x 12"	2-12 TMT	2-12 TMT	2-12 TMT	2-12 TMT	8 # @ 5" C/C	8 # @ 6" C/C
RB3	8" x 12"	2-12 TMT	3-12 TMT	2-10 TMT	2-10 TMT	8 # @ 5" C/C	8 # @ 6" C/C
CB	8" x 16"	3-16 TMT	2-16 TMT	-	2-12 TMT	8 # @ 5" C/C	8 # @ 6" C/C
HB	8" x 5"	2-12 TMT	2-12 TMT	-	-	8 # @ 5" C/C	8 # @ 6" C/C



BEAM SECTION A-A'



SECTION 1 - 1



SECTION 2 - 2

NOTES:-

1. READ THIS DRAWING IN CONJUCTION 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.

CONCRETE:-

4. GRADE OF CONCRETE FOR ALL OTHER RCC WORK SHALL BE M-20. UNLESS NOTED OTHERWISE.
5. PLAIN CEMENT CONCRETE BELOW FOOTINGS SHALL BE 100mm THK (M7.5) UNO.

REINFORCING STEEL:-

6. ALL REINFORCEMENT BARS SHALL BE HIGH YEILD STRENGTH DEFORMED BARS OF GRADE Fe-500 CONFORMING TO 1786:2008 WITH A MINIMUM YEILD STRENGTH OF 500 N/SQMM.

COVER:-

7. 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:-

8. 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.
9. EXTRA TOP OR BENT UP BARS SHALL BE EXTENDED UPTO 0.3 x L IN ADJACENT SPAN OVER A CONTINOUS SUPPORT. IF EXTRA TOP ARE NOT PROVIDED THEN ANCHOR DOWN AT THE END SUPPORT.

CONSTRUCTION DETAILS:-

10. LAP LENGTH & BOND LENGTH SHALL BE AS PER IS 456: 2000.
11. LAPPING OF BARS SHALL BE STAGGERED. AT ANY CROSS SECTION NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.
12. 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
13. OVERLAP OF BARS IS NOT PERMITTED IN HANGERS.
14. STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOKS AT BOTTOM
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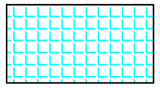
LEGEND:-

1. N.G.L :- NATURAL GROUND LEVEL
2. F.F.L :- FINISHED FLOOR LEVEL
3. T.O.C :- TOP OF CONCRETE
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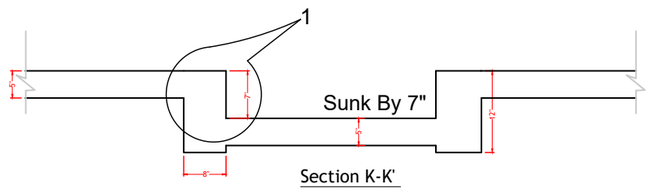
PROJECT :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	9.ROOF BEAM SCHEDULE & SECTION PLAN
LOCATION :	------
DATE :	15/12/2024

SLAB DETAILS

Slab No.	THK. (IN)	SHORT SPAN X (MM)	LONG SPAN Y (MM)	REMARK
S1	5"	10 Ø @ 6" C/C	8 Ø @ 7" C/C	One Way
S2	5"	10 Ø @ 6" C/C	10 Ø @ 6" C/C	Two Way

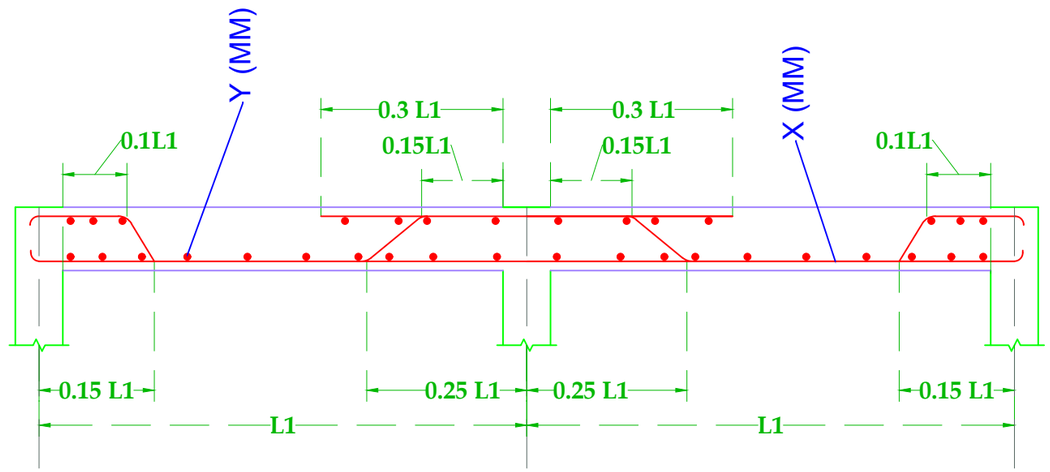


SUNKEN SLAB AT BEAM BOTTOM
REINFORECEMENT WILL CAST AFTER FIXING OF PIPES





DETAIL -1



NOTES:-

1.READ THIS DRAWING IN CONJUCTION 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.

CONCRETE:-

4.GRADE OF CONCRETE FOR ALL OTHER RCC WORK SHALL BE M-20. UNLESS NOTED OTHERWISE.
5.PLAIN CEMENT CONCRETE BELOW FOOTINGS SHALL BE 100mm THK (M7.5) UNO.

REINFORCING STEEL:-

6.ALL REINFORCEMENT BARS SHALL BE HIGH YEILD STRENGTH DEFORMED BARS OF GRADE Fe-500 CONFORMING TO 1786:2008 WITH A MINIMUM YEILD STRENGTH OF 500 N/SQMM.

COVER:-

7.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:-

8.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.
9.EXTRA TOP OR BENT UP BARS SHALL BE EXTENDED UPTO 0.3 x L IN ADJACENT SPAN OVER A CONTINOUS SUPPORT. IF EXTRA TOP ARE NOT PROVIDED THEN ANCHOR DOWN AT THE END SUPPORT.

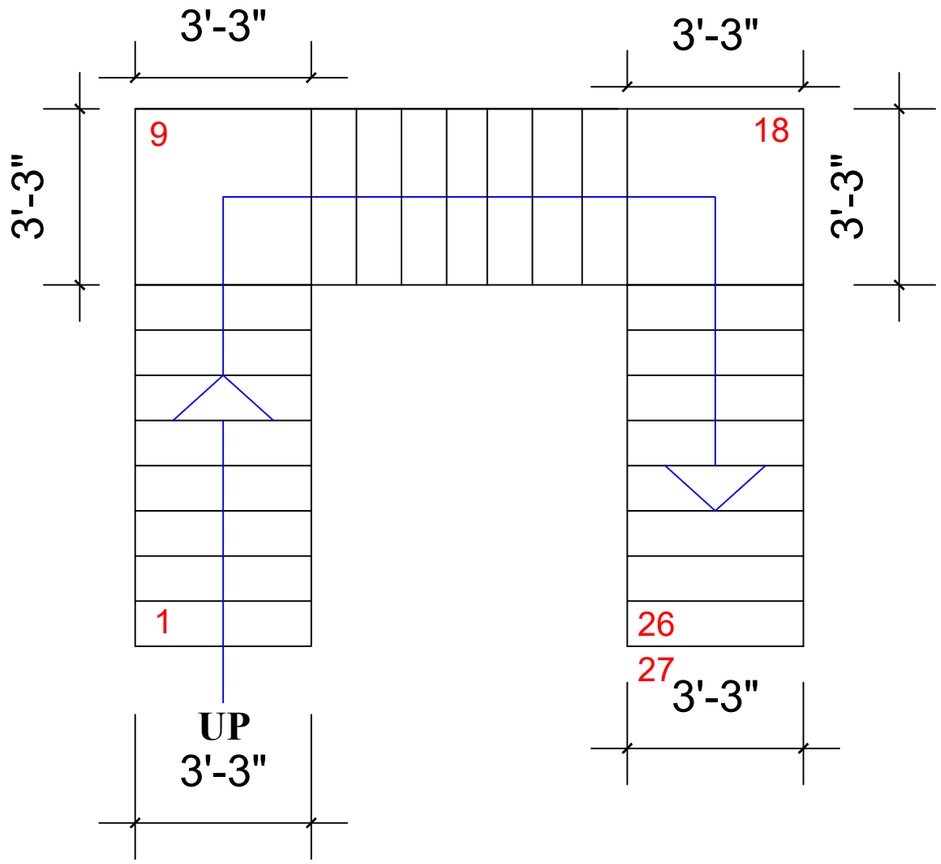
CONSTRUCTION DETAILS:-

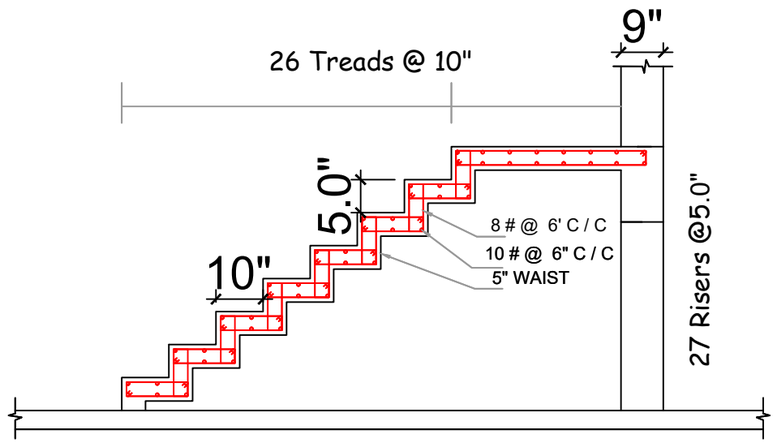
10.LAP LENGTH & BOND LENGTH SHALL BE AS PER IS 456: 2000.
11.LAPPING OF BARS SHALL BE STAGGERED. AT ANY CROSS SECTION NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.
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a.) TOP BARS NEAR SUPPORT b.) BOTTOM BARS AT MIDSPAN
13.OVERLAP OF BARS IS NOT PERMITTED IN HANGERS.
14.STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOKS AT BOTTOM
15.ANY TYPE OF OPENINGS (CUTOUT/BLOCKOUT) SHALL BE MATCHED WITH THE SERVICES DRAWINGS.
16.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 :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	10.SLAB PLAN AND SECTION
LOCATION :	------
DATE :	15/12/2024





STAIRCASE RCC DETAIL
CLEAR HEIGHT 11'

NOTES:-

1.READ THIS DRAWING IN CONJUCTION WITH RELEVANT ARCHITECTURAL/SERVICE DRAWINGS.
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d.) COLUMN = 40 MM.
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9.EXTRA TOP OR BENT UP BARS SHALL BE EXTENDED UPTO 0.3 x L IN ADJACENT SPAN OVER A CONTINOUS SUPPORT. IF EXTRA TOP ARE NOT PROVIDED THEN ANCHOR DOWN AT THE END SUPPORT.

CONSTRUCTION DETAILS:-

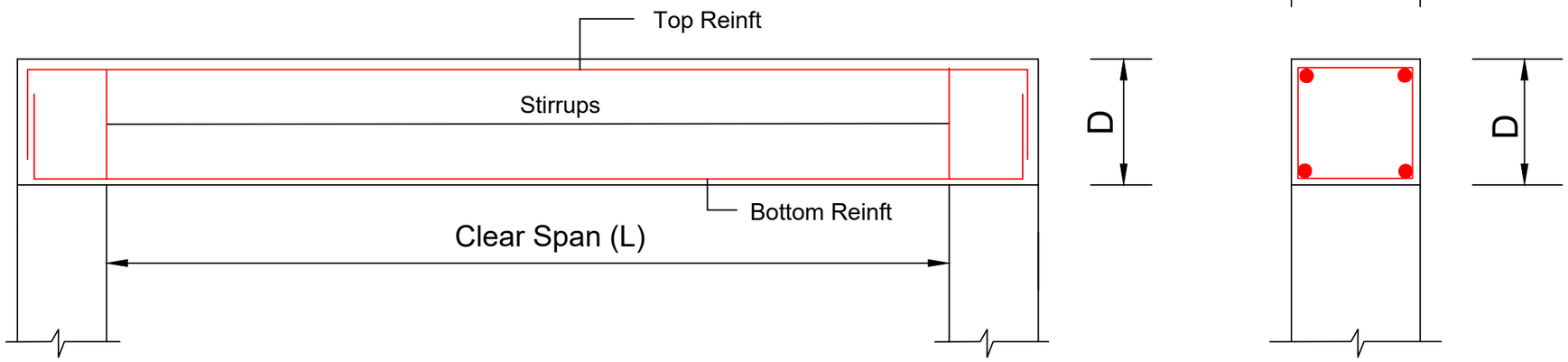
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5. T.O.B :- TOP OF BEAM
6. U.N.O :- UNLESS NOTED OTHERWISE
7. F.G.L :- FINISHED GROUND LEVEL

PROJECT :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	11.STAIRCASE DETAIL
LOCATION :	------
DATE :	15/12/2024

LINTEL DETAILS



Clear Span (L) (in)	Breadth(B) (in)	Depth(D) (in)	Top Reinft	Bottom Reinft	Links/ Stirrups
3'	9"/5"	4"-5"	2 -Y10	2 -Y10	4 @ 300mm c/c
3' - 6'	9"/5"	5"	2 -Y10	2 -Y10	10 @ 225mm c/c
6' - 12'	9"/5"	6"	2 -Y12	2 -Y12	10 - 19 @ 200mm c/c
12' - 14'	9"/5"	7"	2 -Y12	2 -Y12	19 - 22 @ 200mm c/c

NOTE: LINTEL WILL BE AT 7' HEIGHT ON ALL THE WALLS.

NOTES:-

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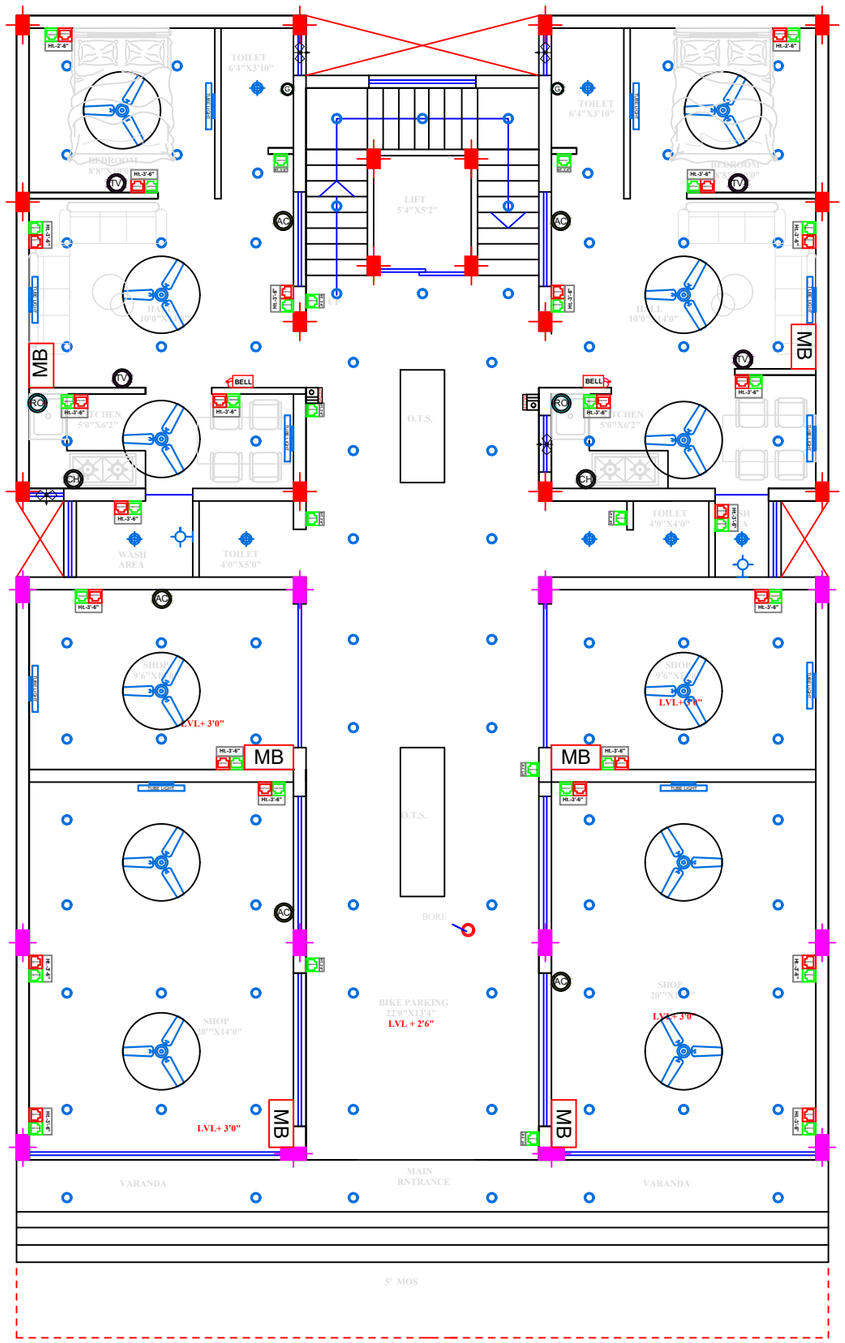
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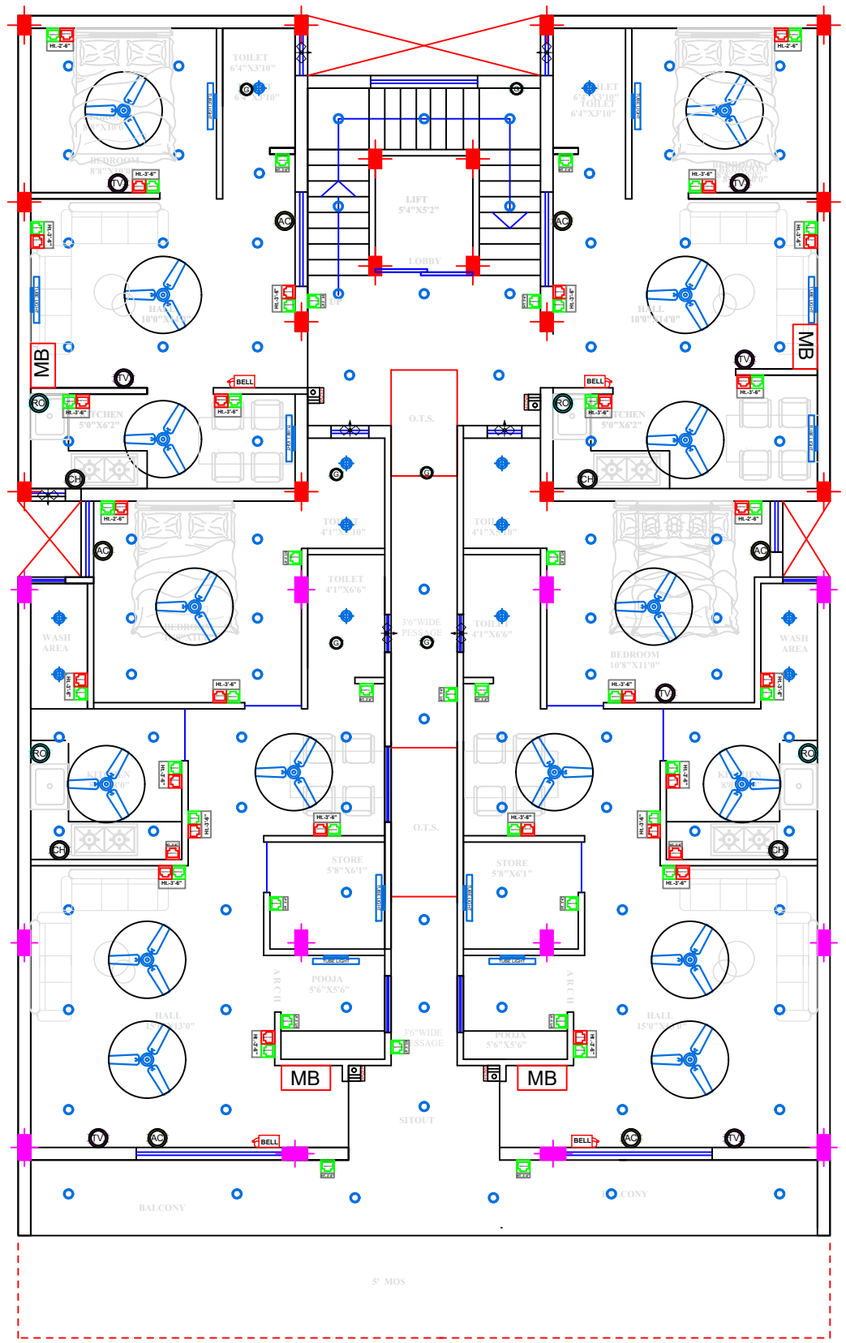
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5. T.O.B :- TOP OF BEAM
6. U.N.O :- UNLESS NOTED OTHERWISE
7. F.G.L :- FINISHED GROUND LEVEL

PROJECT :	RESIDENTIAL PROJECT
CLIENT :	Mr. TRIPATHI JI
TITLE :	12.LINTEL DETAIL
LOCATION :	------
DATE :	15/12/2024

LEGEND		
S.No.	DESCRIPTION	SYMBOLS
1	DIST. BOARD	DB
2	METER BOX	MB
3	TUBE LIGHT (1X40 WATT)	
4	SPOT LIGHT	
5	WALL LIGHT	
6	CEILING FAN	
7	EXHAUST FAN	
8	BAZER	
9	BELL	BELL
10	CCTV POINT	
11	6 AMPS SWITCH & PLUG POINT	
12	16 AMPS SWITCH & PLUG POINT	
13	16 AMPS[GEYGER]SWITCH & PLUG POINT	
14	16 AMPS[TV]SWITCH & PLUG POINT	
15	32 AMPS(AC)SWITCH & PLUG POINT	

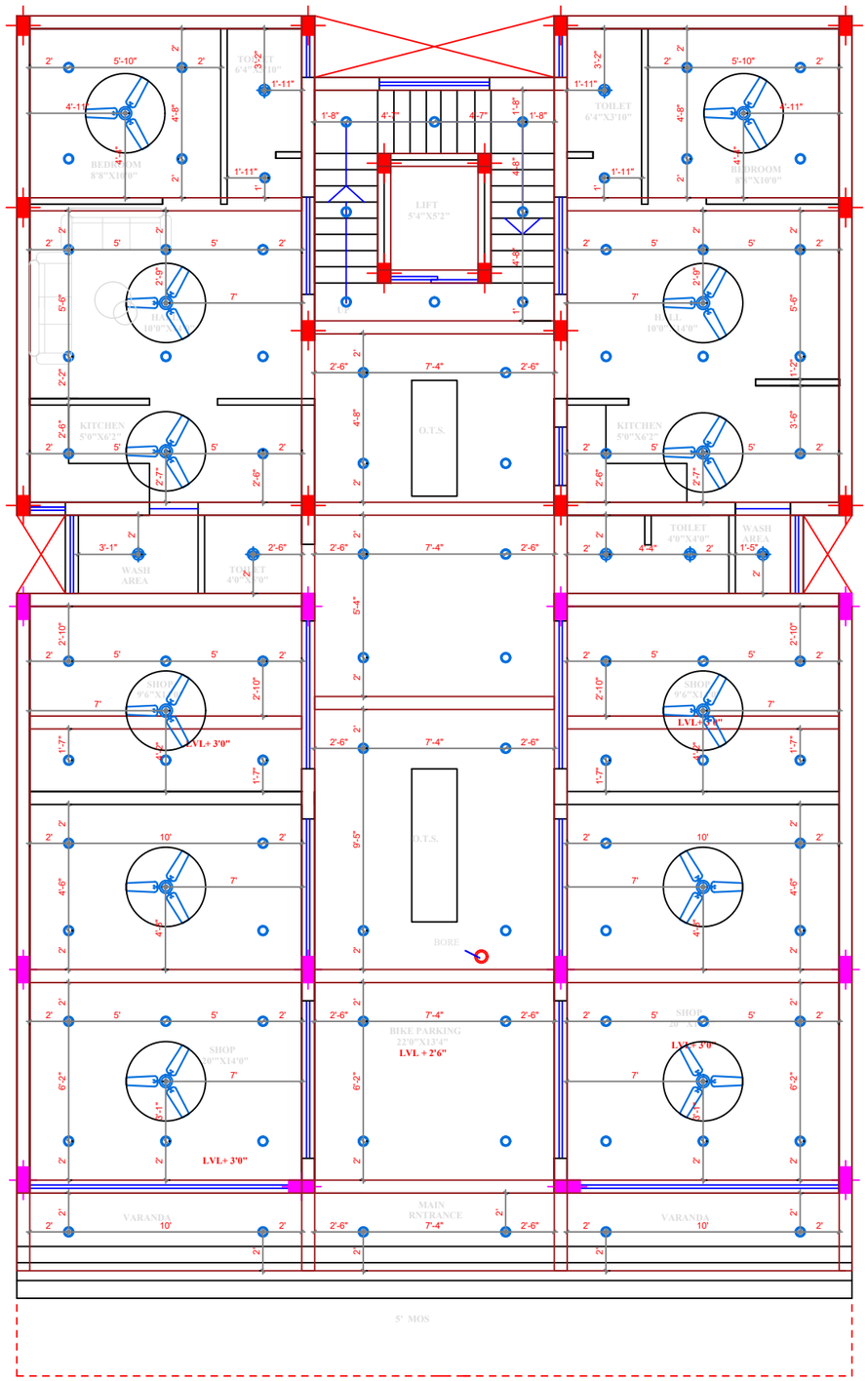


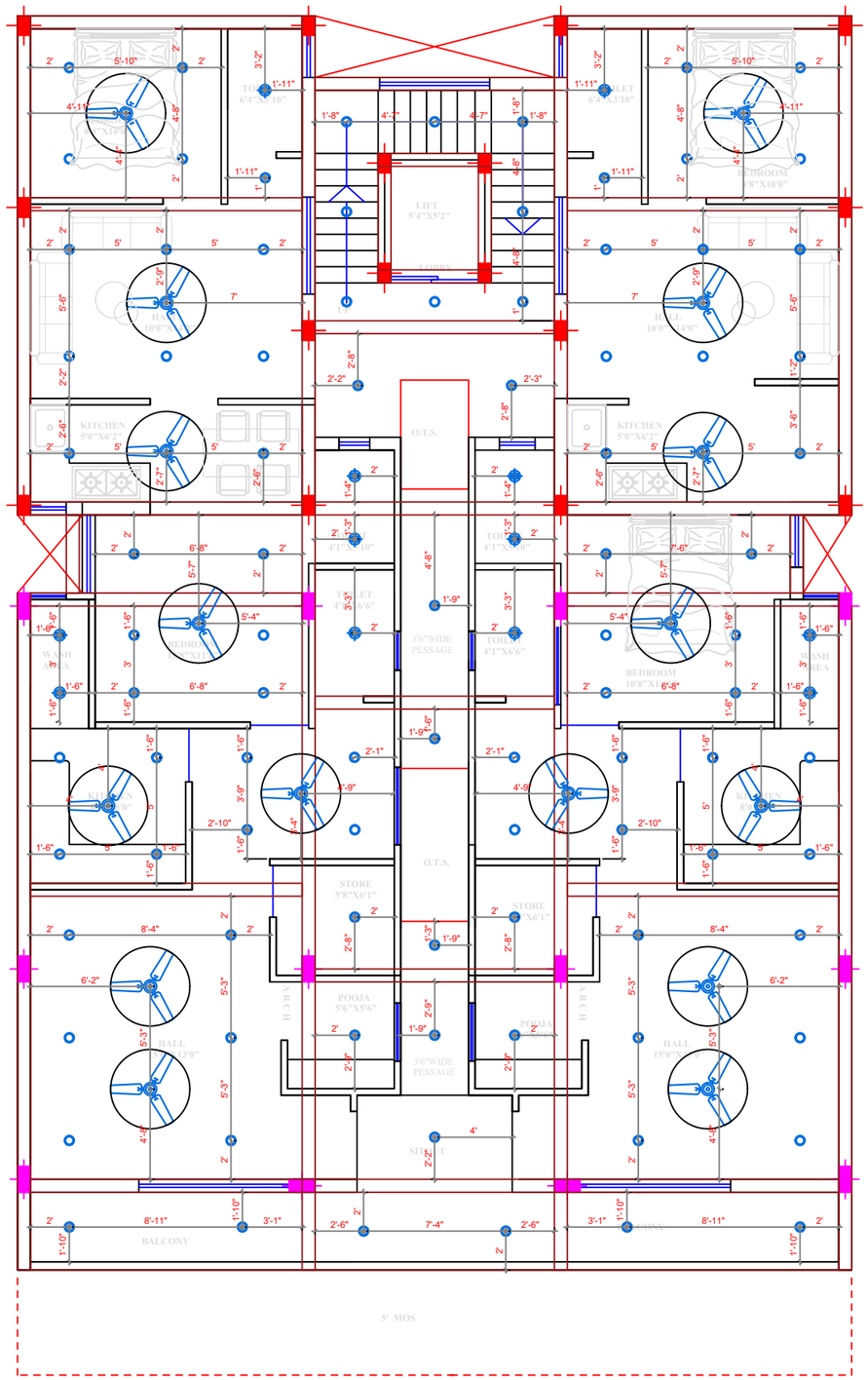
GROUND FLOOR PLAN



FIRST FLOOR PLAN

ELECTRICAL WIRING

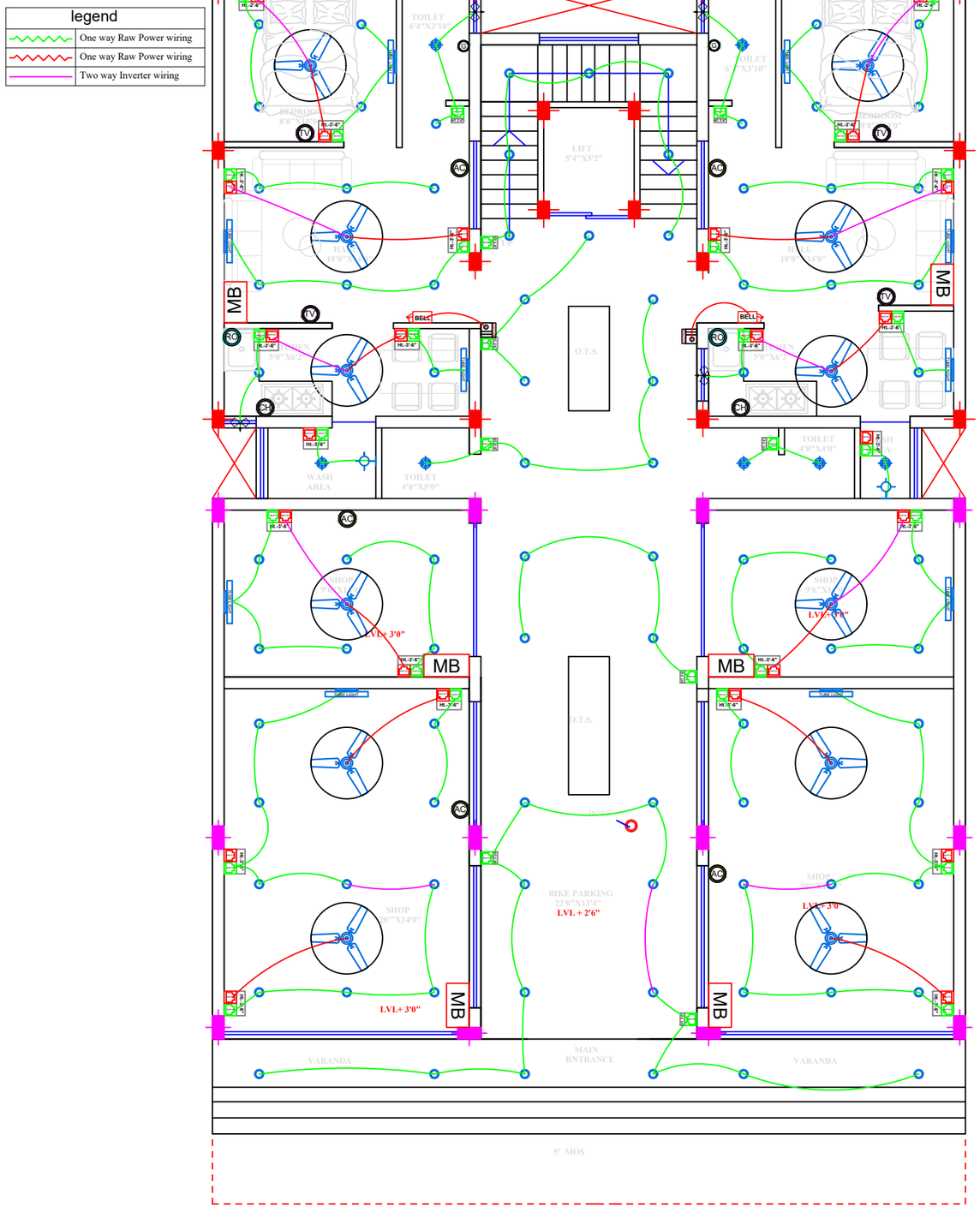




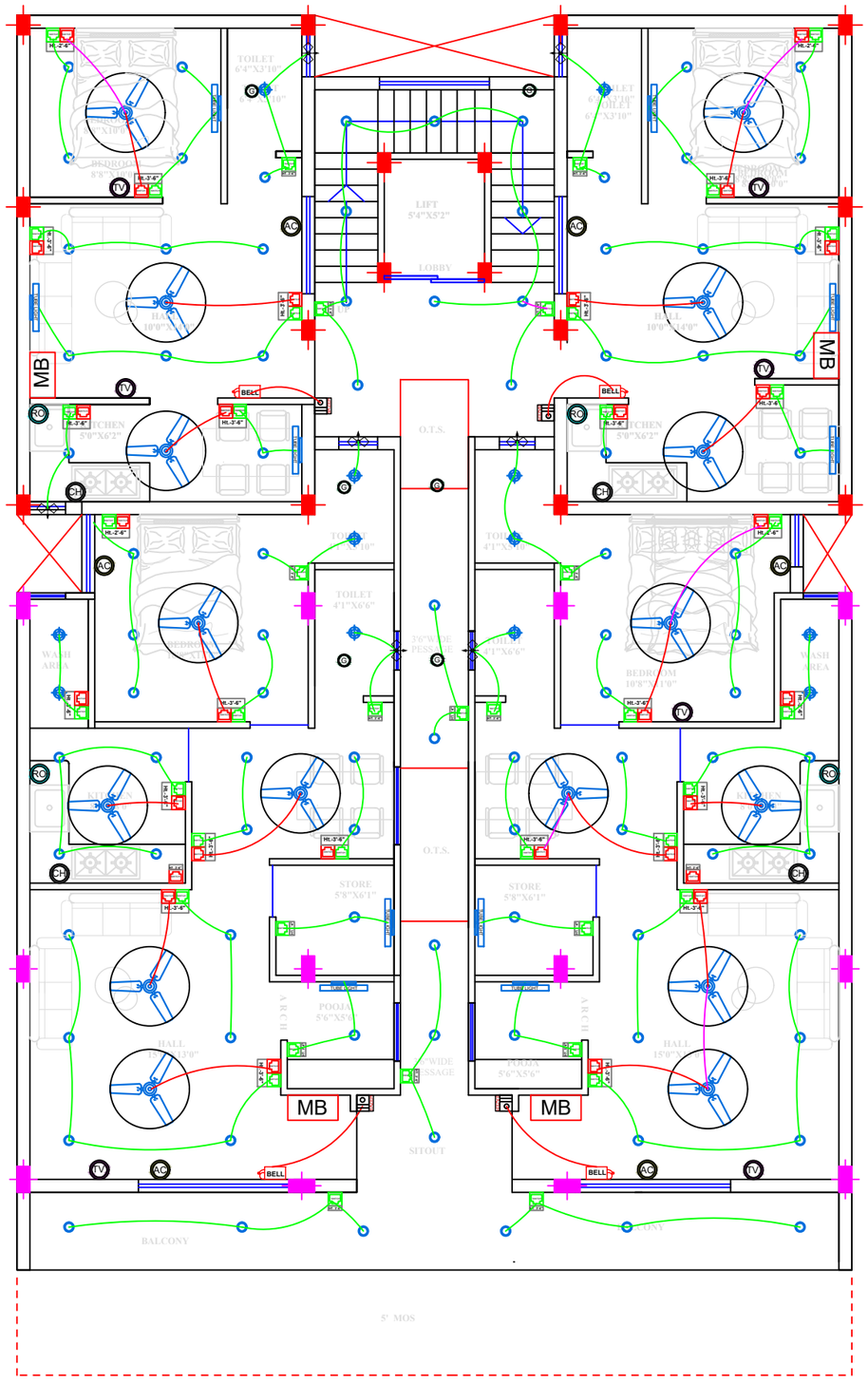
GROUND FLOOR PLAN

FIRST FLOOR PLAN

ELECTRICAL WIRING



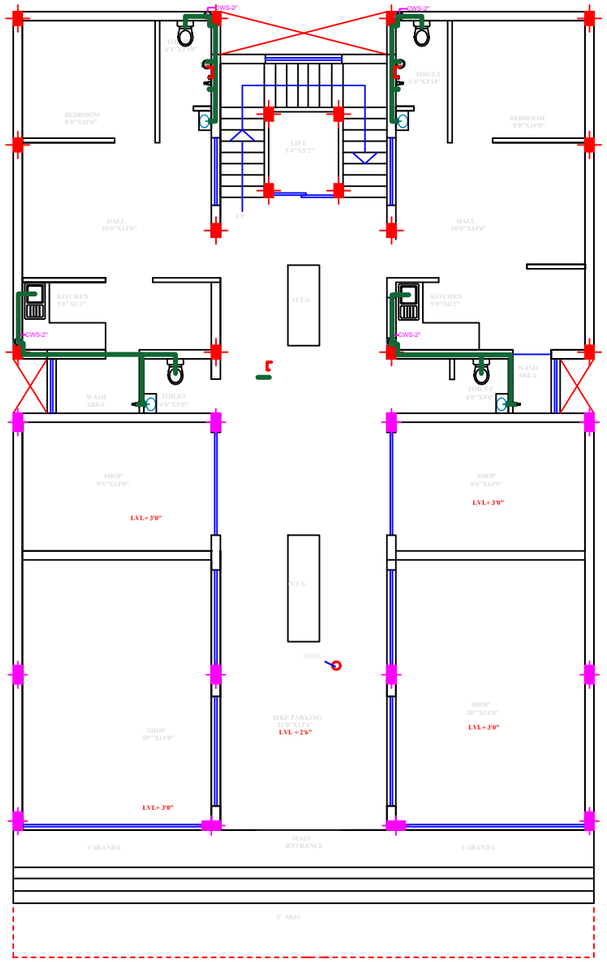
GROUND FLOOR PLAN



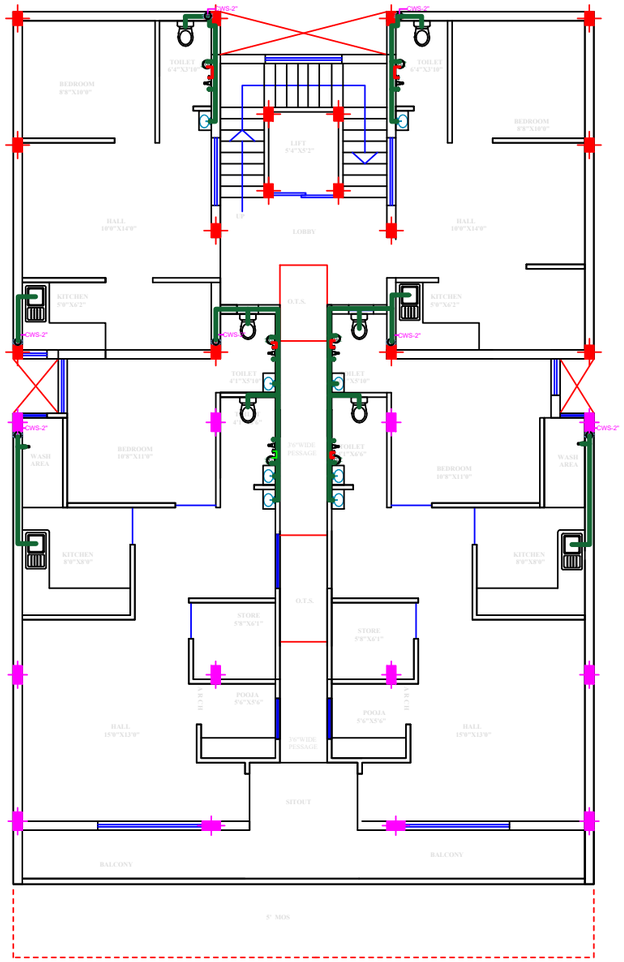
FIRST FLOOR PLAN

PLUMBING

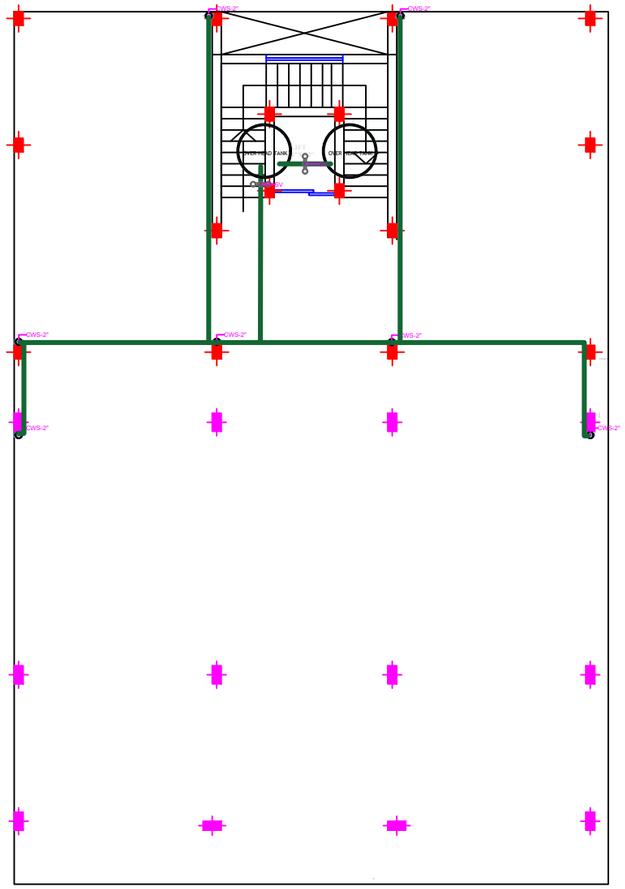
SL	SYMBOL	DESCRIPTION
1.		Geyser
2.		Borewell
3.	150MMØ/100	Diameter/Slope
4.	SP	Stop Vlve
5.	CWS	Cold Water Supply Level
6.		Water Supply Line
7.		Hot water Supply Line



GROUND FLOOR PLAN



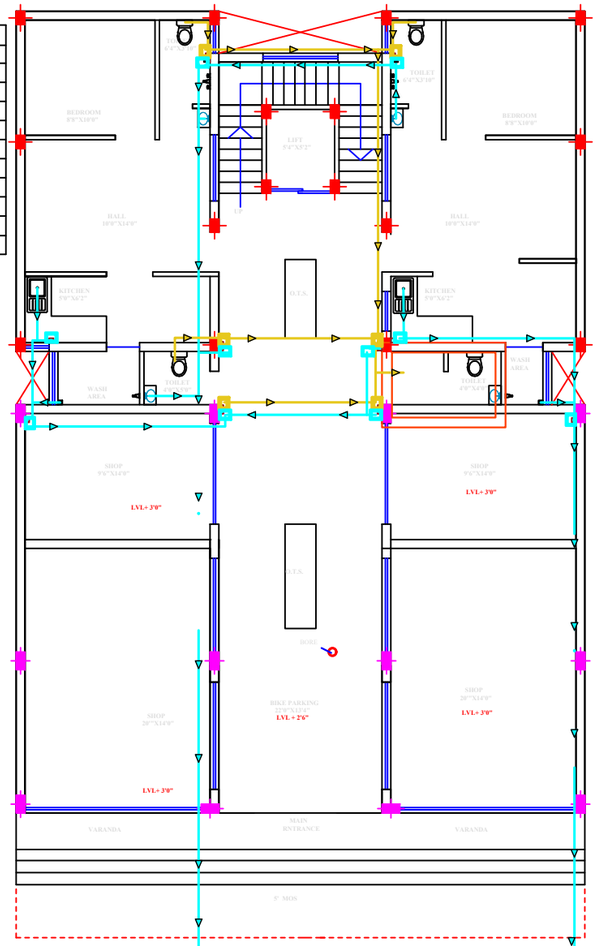
FIRST FLOOR PLAN



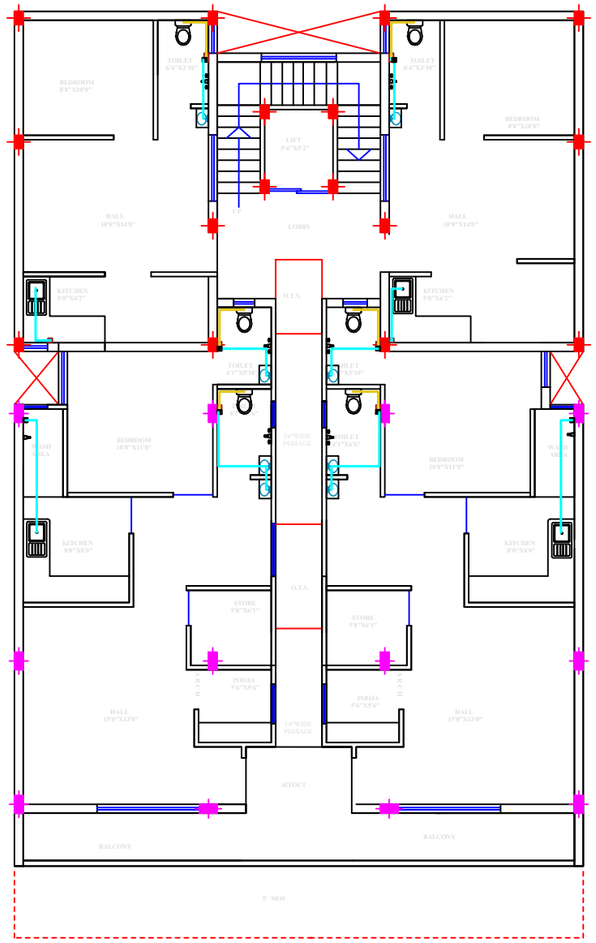
TERRACE FLOOR PLAN

PLUMBING

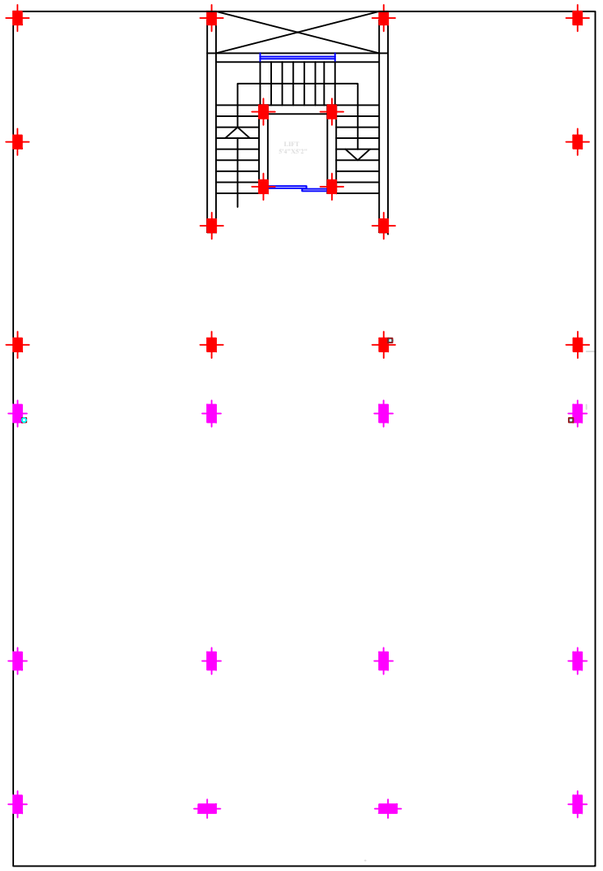
SL	SYMBOL	DESCRIPTION
1.		Waste water pipe
2.		Soil water pipe
3.		Rain Water pipe
4.		Waste Water pipe
5.		Soil pipe
6.		Rain Water pipe
7.	150MMØ/100	Diameter/Slope
8.		Gully trap
9.		Soil Chamber(600x900mm)
10.		Waste Water Chamber(600x900mm)
11.		Rain Water(600x900mm)



GROUND FLOOR PLAN



FIRST FLOOR PLAN



TERRACE FLOOR PLAN

DRAINAGE LAYOUT



