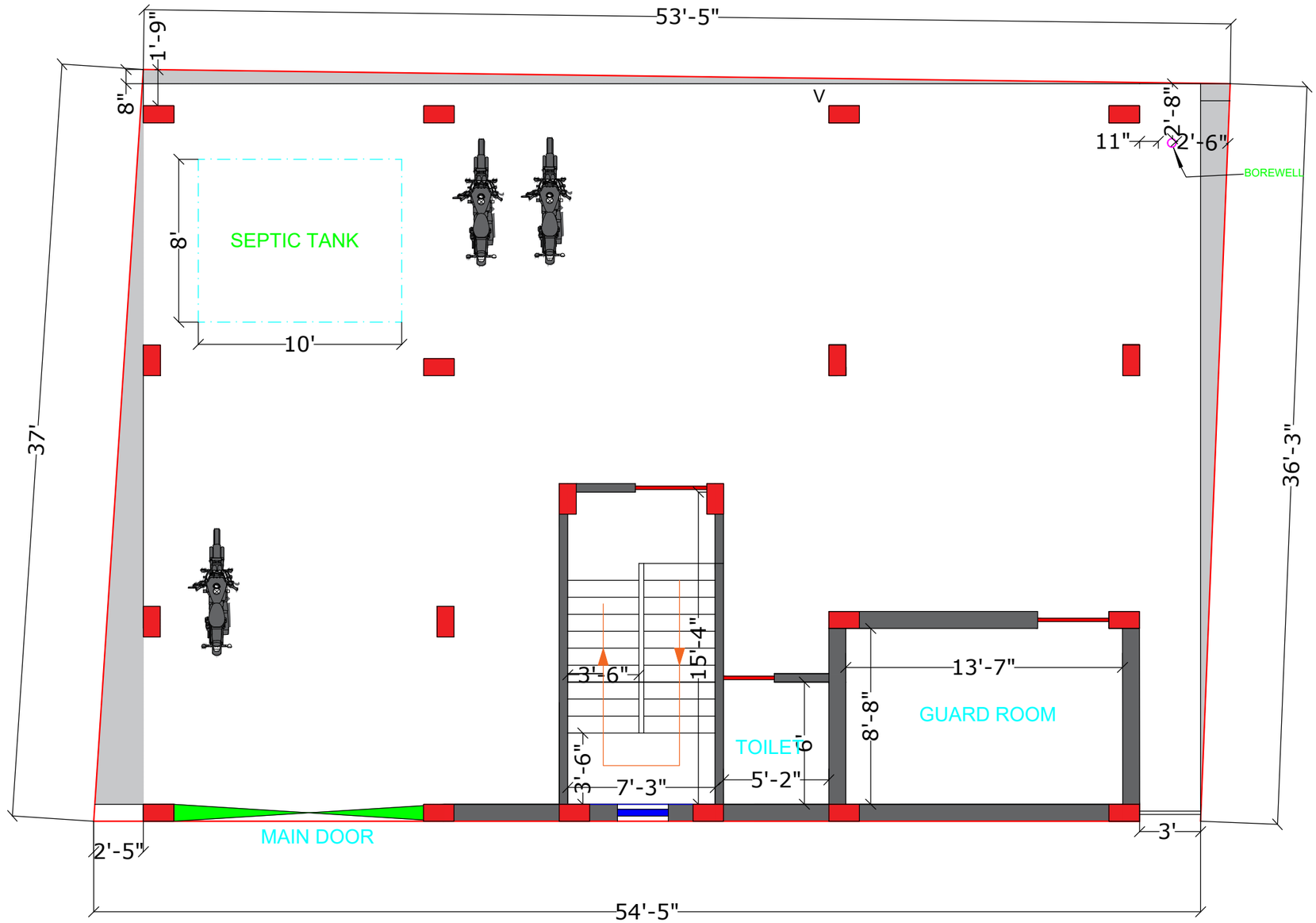
NORTH



WEST

EAST

ROAD

SOUTH

Our Services
Architecture Design
Structure Design
Interior Design
Estimating & Costing
Building Construction With Material

Outer Wall- 10"
Inner Wall- 05"

SHEDULE OF DOOR & WINDOWS

SP.	L	B	H	SILL H.
MD	4'0"		07'00"	00'00"
D	3'6"		07'00"	00'00"
D1	3'0"		07'00"	00'00"
D2	2'6"		07'00"	00'00"
W1	4'0"		04'00"	03'00"
W2	3'0"		04'00"	03'00"
V	2'0"		01'06"	08'06"

Details Of Stair:-

Celling Height :- 10'
Height Of Stair:- 5'
Height Of Riser:- 6"
Width Of Trade :- 10"
Width Of Stair :- 3'-6"
Width Of Landing :- 3'-6"
Steps Of Stair :- 19

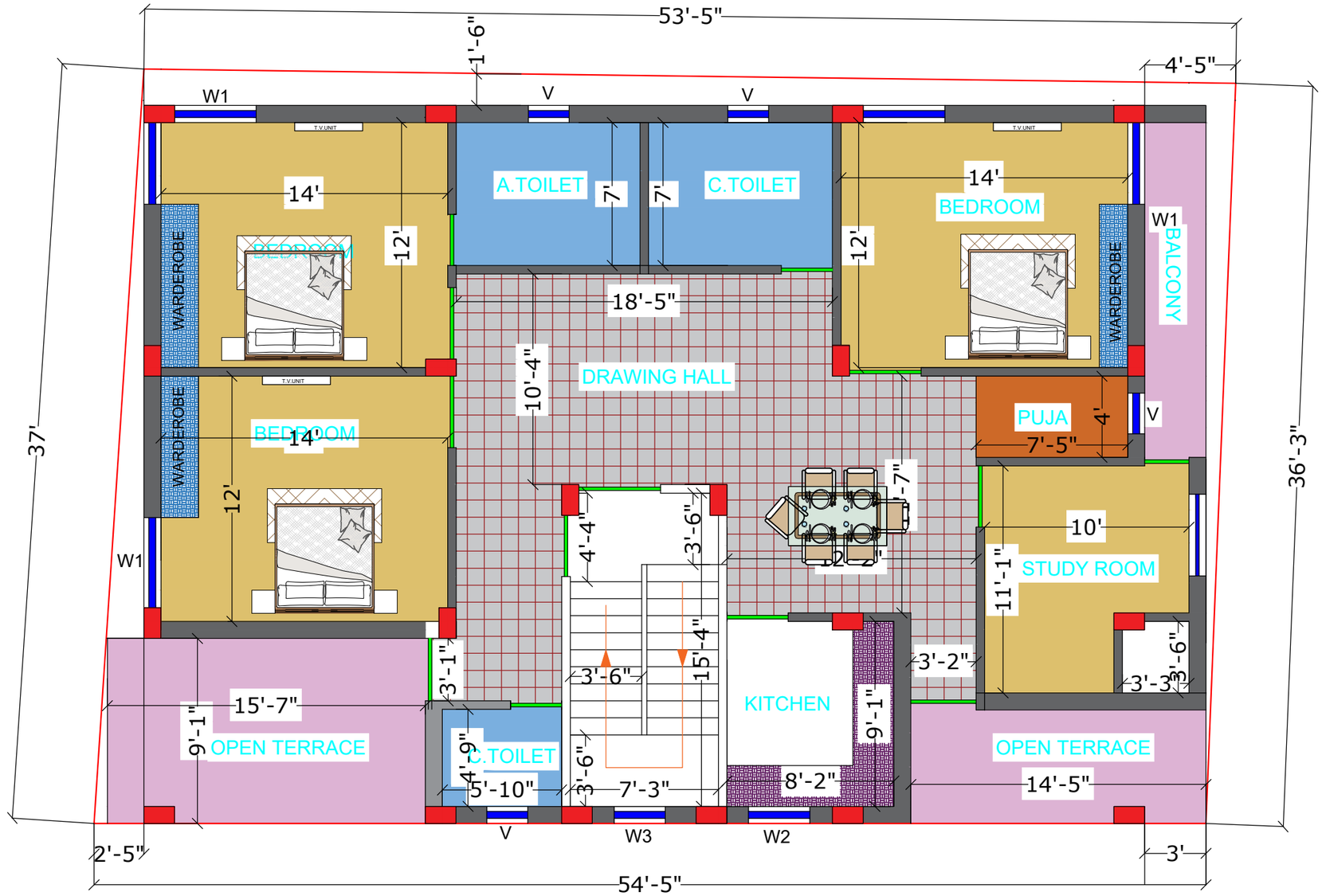
CLIENT :- ASHWANI SIR

PROJECT :- GROUND FLOOR PLAN

SCALE:-	1:100	ISSUED	02.12.25
Plan Number:-	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

Jaypro Infratech Pvt.Ltd.
Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 80001

NORTH



WEST

EAST

ROAD

SOUTH

Our Services
Architecture Design
Structure Design
Interior Design
Estimating & Costing
Building Construction With Material

Outer Wall- 10"
Inner Wall- 05"

SHEDULE OF DOOR & WINDOWS

SP.	L	B	H	SILL H.
MD	4'0"		07'00"	00'00"
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W1	4'0"		04'00"	03'00"
W2	3'0"		04'00"	03'00"
W3	2'6"		04'00"	03'00"
V	2'0"		01'06"	08'06"

Details Of Stair:-

Celling Height :- 10'
Height Of Stair:- 5'
Height Of Riser:- 6"
Width Of Trade :- 10"
Width Of Stair :- 3'-6"
Width Of Landing :- 3'-6"
Steps Of Stair :- 19

CLIENT :- ASHWANI SIR

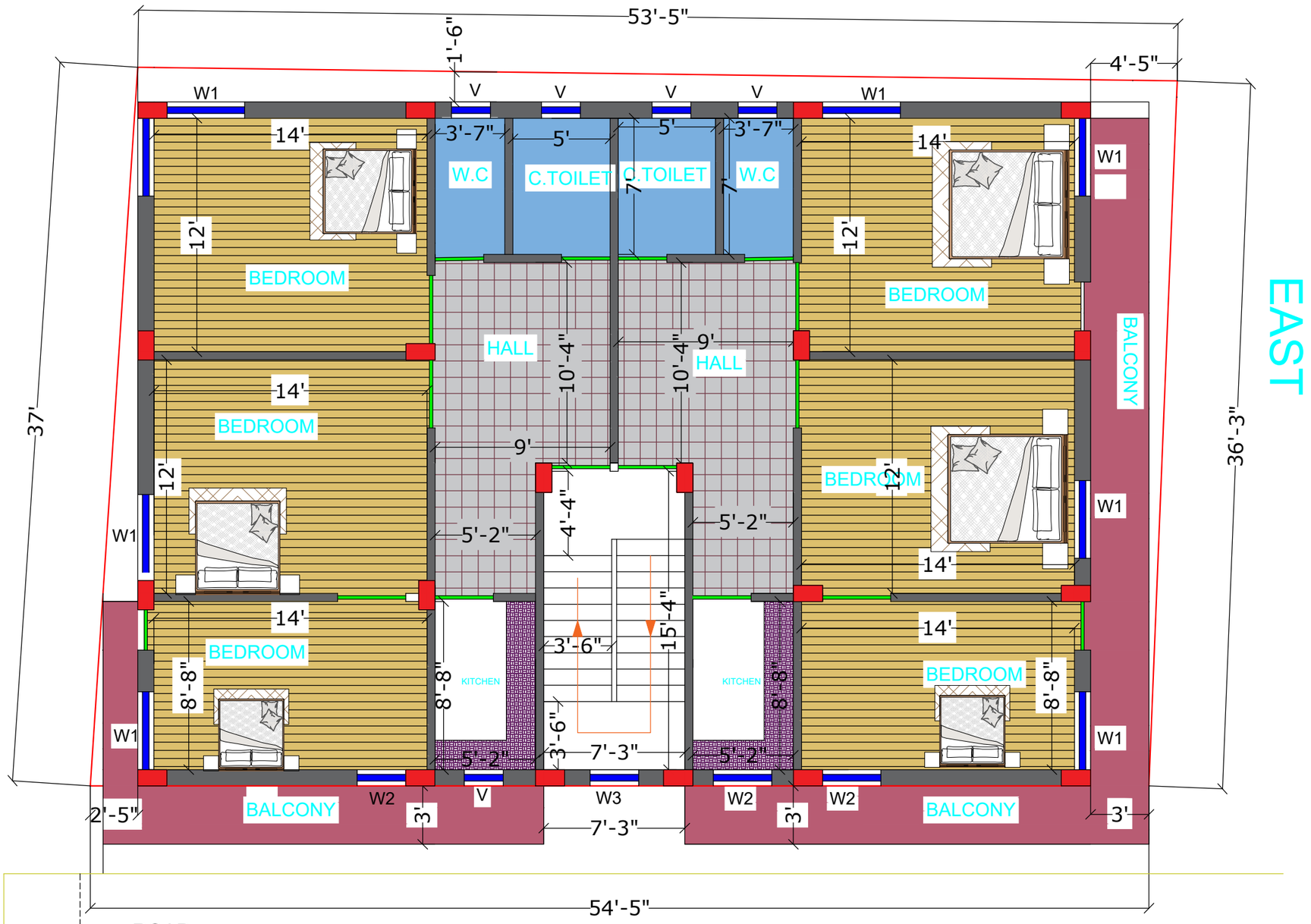
PROJECT :- FIRST FLOOR PLAN

SCALE:-	1:100	ISSUED	02.12.25
Plan Number:-	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

Jaypro Infratech Pvt.Ltd.

Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 80001

NORTH



Our Services
Architecture Design
Structure Design
Interior Design
Estimating & Costing
Building Construction With Material

Outer Wall- 10"
Inner Wall- 05"

SHEDULE OF DOOR & WINDOWS

SP.	L	B	H	SILL H.
MD	4'0"		07'00"	00'00"
D	3'6"		07'00"	00'00"
D1	3'0"		07'00"	00'00"
D2	2'6"		07'00"	00'00"
W1	4'0"		04'00"	03'00"
W2	3'0"		04'00"	03'00"
W3	2'6"		04'00"	03'00"
V	2'0"		01'06"	08'06"

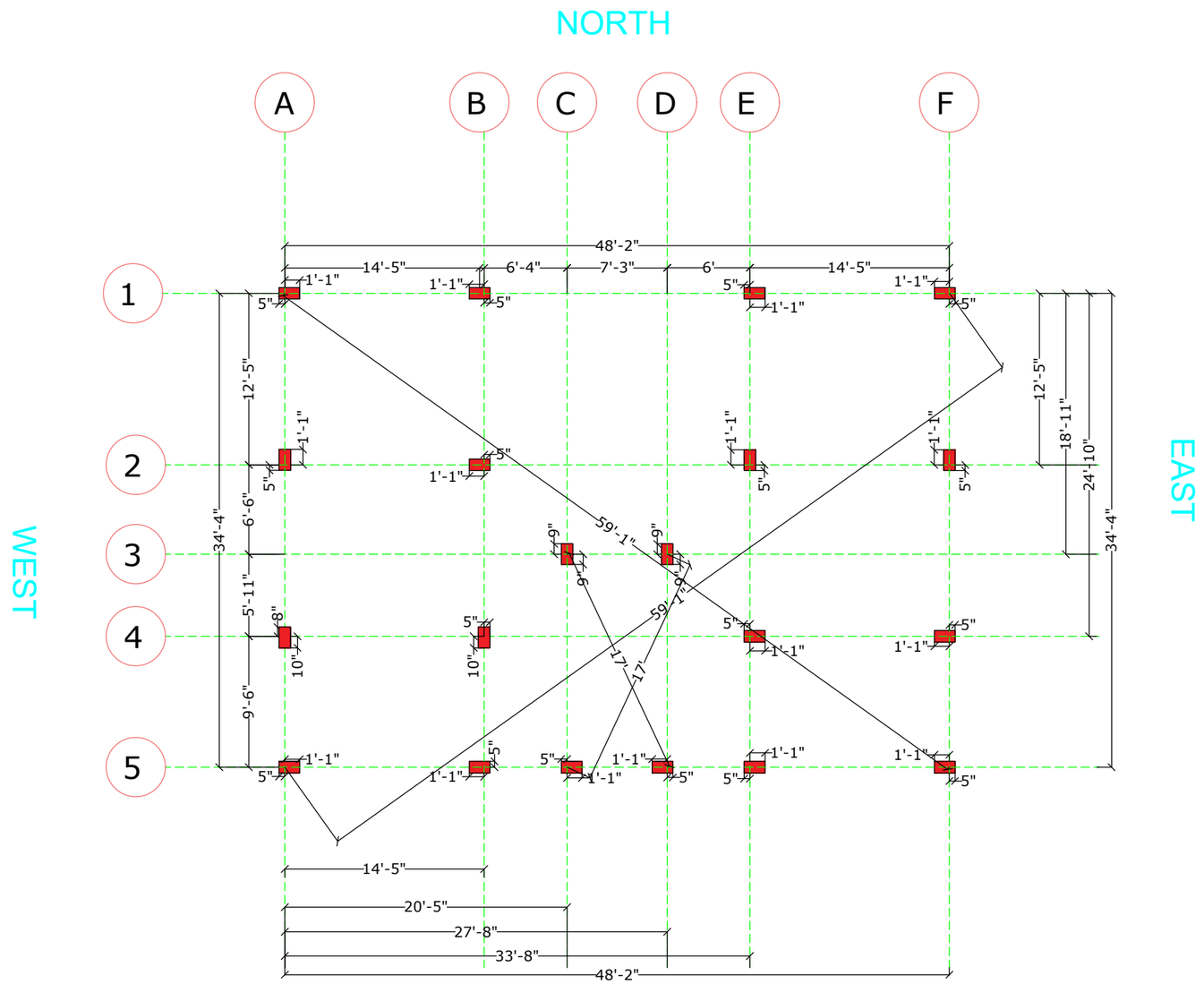
Details Of Stair:-
Celling Height :- 10'
Height Of Stair:- 5'
Height Of Riser:- 6"
Width Of Trade :- 10"
Width Of Stair :- 3'-6"
Width Of Landing :- 3'-6"
Steps Of Stair :- 19

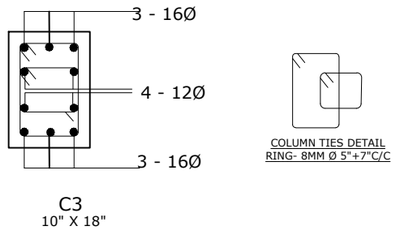
CLIENT :- ASHWANI SIR

PROJECT :- SECOND FLOOR PLAN

SCALE:-	1:100	ISSUED	02.12.25
Plan Number:-	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

Jaypro Infratech Pvt.Ltd.
Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 80001





C3
10" X 18"

COLUMN TIES DETAIL
RING- 8MM Ø 5"+7"C/C

C1-(10"X18")

JAYPRO INFRATECH PVT.LTD.

Our Services
Architecture Design
Structure Design
Interior Design
Estimating & Costing
Building Construction With Material

CLIENT :-
ASHWANI SIR

PROJECT :- Column Layout Details

SCALE:-	1:100	ISSUED	05.11.25
Plan Number:-	01		
Design By	Er.Rishav Kumar		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

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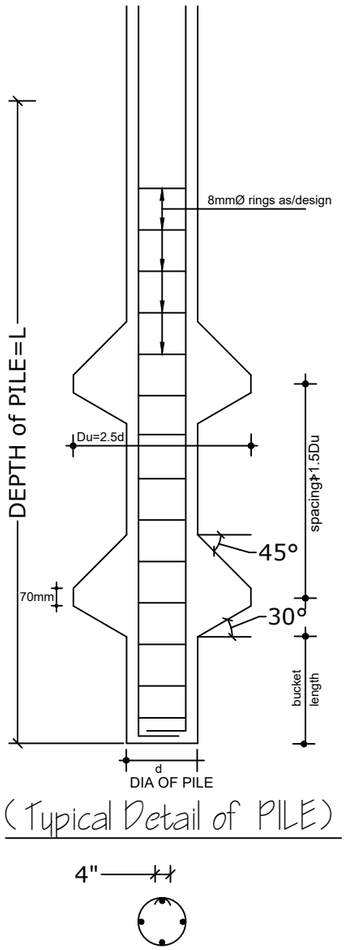
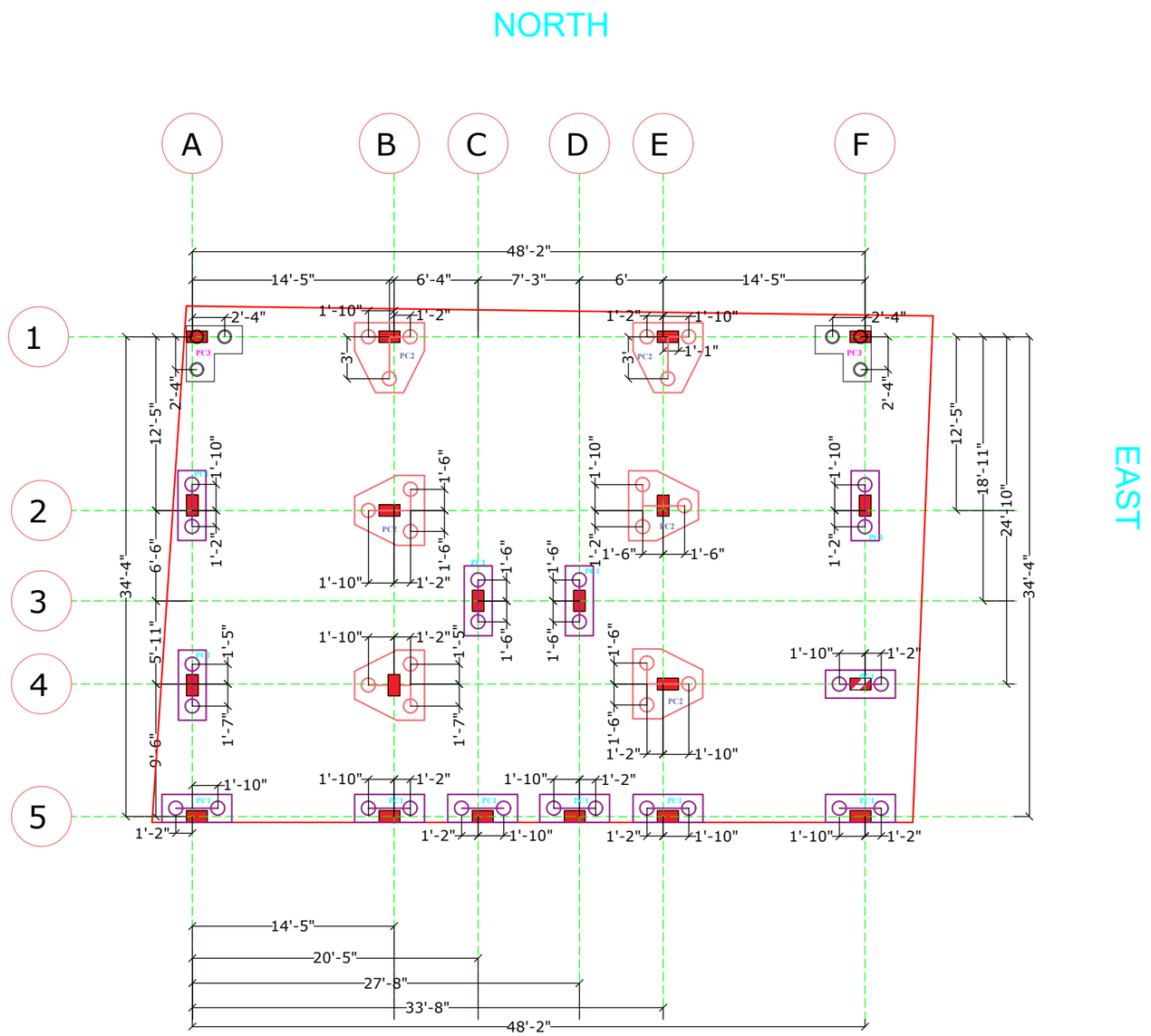
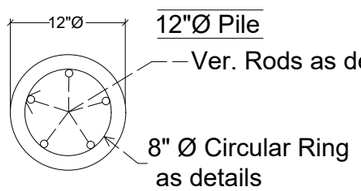
Office Address: 1st Floor, Pandooi
Place, Boring Road, Patna- 80001

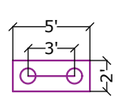


(Typical Detail of PILE)

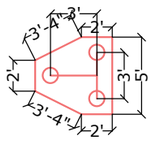




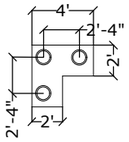
TYPICAL PILE C/S



PC1



PC2



PC3

PILE DETAILS

Pile	DIA	DEPTH	DIA OF UR	No. OF UR	STEEL	RINGS	No. of Piles
●	12"	26ft	30"	2	5- T12 mm	T8 mm @ 7" c/c	48

PILE CAP DETAILS

Pile Cap	Pile Dia	Pile Cap Size	Pile Cap Depth (inch)	(Bottom Layer Mat) Main Steel (b) (Lower Level)	(Bottom Layer Mat) Dist. Steel (t) (Upper Level)	(Top Layer Mat-Inverted) Main Steel (b') (Upper Level)	(Top Layer Mat-Inverted) Dist. Steel (t') (Lower Level)	Pile Group
PC1	12"	5'x2'x4'	18"	T12 @ 4" c/c	T12 @ 4" c/c	T12 @ 4" c/c	T12 @ 4" c/c	
PC2	12"	5'x2'x2'x3'x2'x5'	18"	T12 @ 4" c/c	T12 @ 4" c/c	T12 @ 4" c/c	T12 @ 4" c/c	
PC3	12"	4'x2'x2'x2'x2'x4'	18"	T12 @ 4" c/c	T12 @ 4" c/c	T12 @ 4" c/c	T12 @ 4" c/c	

JAYPRO INFRATECH PVT.LTD.

S

CLIENT :- ASHWANI SIR

PROJECT :- PILE CAP Details

SCALE:-	1:100	ISSUED	12.04.25
Plan Number:-	01		
Design By	Er.Rishav Kumar		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

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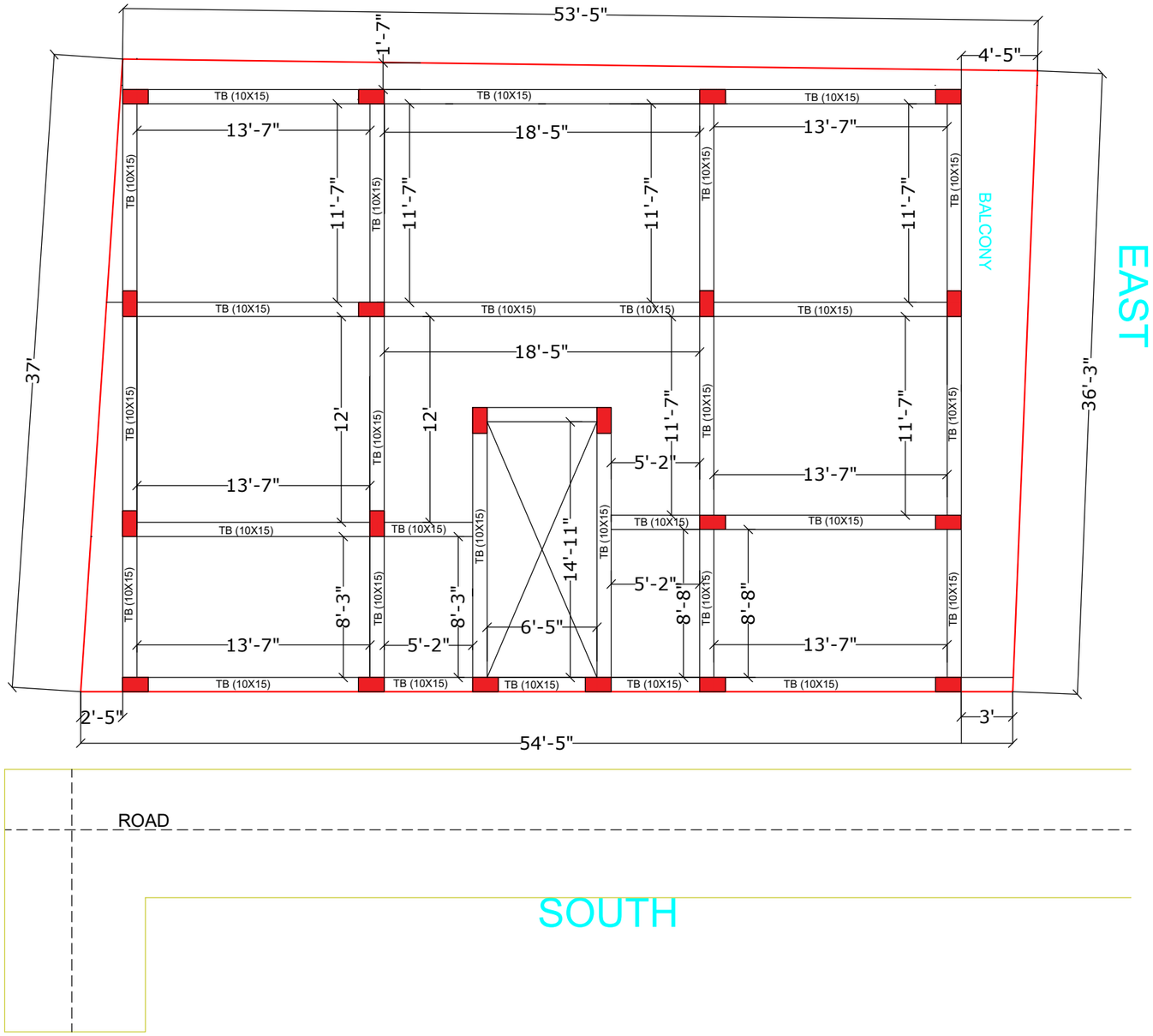
Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 80001



JAYPRO INFRATECH PVT.LTD.

TECHNICAL NOTES & INSTRUCTIONS:-

1) NOTES AND INSTRUCTIONS INDICATED BELOW SHALL BE FOLLOWED WITH DUE RESPONSIBILITY BY ENGINEER IN -CHARGE DURING EXECUTION OF THE PROJECT.
2) THE ENGINEER IN -CHARGE SHALL STUDY IN DEPTH THE ARCHITECTURAL/ STRUCTURAL DRAWINGS OF THE BUILDING / STRUCTURE ENCLOSED, BEFORE EXECUTION AND AMBIGUITY IF ANY NOTICED BY HIM SHALL BE REPORTED TO CONSULTANT. FOR NECESSARY ACTION. ALL DIMENSIONS ARE IN MMFOLLOW WRITTEN DIMENSION ONLY.
4) ONLY STEEL SHUTTERING / CENTERING SHALL BE USED AT WORK SITE FOR CONSTRUCTION OF R.C.C. FRAMED BUILDING.
5) QUALITY AND MIX PROPORTION OF MATERIALS TO BE USED IN CONCRETING I.E. WATER / CEMENT / SAND / CHIPS SHALL BE STRICTLY AS PER DESIGN MIX REPORT.
6) THE CRUSHING STRENGTH OF CUBES PREPARED WITH CONC. MIX AT WORK SITE SHALL CONFORM THE ACCEPTANCE CRITERIA AS MENTIONED IN I.S. 456. 2000.
7) COVER BLOCK WITH PROPER SIZE & SPECIFIED STRENGTH SHALL BE PROVIDED IN SLAB / BEAM / COLUMN / FOUNDATION BEFORE R.C.C. CASTING @ SPACE NOT EXCEEDING ONE METER C/C.
8) COVER BLOCK SHALL BE PROPERLY TIED WITH THE REINFORCEMENT FOR FIXITY DURING

9) IN CASE OF PILE FOUNDATION IT IS ESSENTIAL TO HAVE ACTUAL PILE LOAD TEST REPORT ALONG WITH PILE CAPACITY BASED ON SOIL PARAMETERS. SO IT IS INSTRUCTED TO GET THE ACTUAL PILE LOAD TEST REPORT BEFORE EXECUTION AND REPORT TO CONSULTANT FOR REVIEW. AND FINAL CONCLUSION.
10) IN CASE OF PILE FOUNDATION HAVING HIGH WATER TABLE USE BENTONITE SOLUTION, CASING AND QUICK SETTING CEMENT, THE ENGINEER IN -CHARGE SHALL TAKE FINAL DECISION AS PER ACTUAL SITE CONDITION.
11) ALL CONCRETE SHALL BE MACHINE MIXED AND PROPERLY COMPACTED BY VIBRATOR.
12) NOMINAL COVER (I.E. CLEAR CONCRETE COVER TO ALL REINFORCEMENTS, INCLUDING LINKS) FOR FOUNDATION = 50, PILE CAP - 75, COLUMN = 40, BEAM = 30 AND SLAB = 25mm HALL BE PROVIDED.
13) PROPER CURING OF R.C.C. SLAB / COLUMN / FOUNDATION / B/W PLASTER ETC. SHALL BE

14) PROPER ARRANGEMENT FOR SOAKING OF BRICKS SHALL BE ENSURED BY FIELD ENGRS.
15) BEFORE PLACING OF REINFORCEMENT POLYTHENE SHEET SHALL DE SPREAD OVER SHUTTERING TO PREVENT CEMENT SLURRY FROM CONC. MIX.
16) BEFORE CASTING REINFORCEMENT PLACED SHALL BE DULY MEASURED BY ENGR INCHARGE.
17) LDT= EFFECTIVE DEVELOP. LENGTH CONSIDERING TENSION 49X BAR DIA.
18) LDC = EFFECTIVE DEVELOP. LENGTH CONSIDERING COMPRESSION 39X BAR DIA.
19A) LAP SPLICE- NOT MORE THAN 50% OF AREA OF STEEL (LONG) IN COLUMN BARS SHALL BE SPLICED AT ANY ONE SECTION. LAPPING OR WELDING OF RT. SHALL BE STAGGERED. IT SHALL BE WITHN THE LAPPING ZONE AS SHOWN IN THE DRG.THE LAP LENGTH SHALL NOT BE LESS THEN DEVELOPMENT LENGTH OF ROD AND 30 TIMES DIA OF BAR WHICH IS GREATER.
19B) LAP SPLICE IN BEAM SPAN LESS THAN 12M SHALL BE AVOIDED IN NORMAL CASE. IN LONGER SPAN (L > 12M) LAP SHALL BE PROVIDED AS PER APPROVED STR. DRG.
20) ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
21) GRID LINE SHOWS CL OF WALLS.
22) THE FORM WORK FOR (SPAN >4M.) BEAMS & SLAB SHALL BE SO ASSEMBLED AS TO PROVIDE CAMBER AS FOLLOWS :-
a) CAMBER FOR NORMAL BEAMS SHALL BE 1 IN 250 OF THE SPAN OR 4MM PER METER OF SPAN AT THE CENTRAL POINT
b) FOR CANTILEVER BEAMS /SLAB CAMBER AT THE FREE END SHALL BE SPAN / 50 OF THE PROJECTED LENGTH
23) BEFORE R.C.C. CASTING OF BEAMS/SLAB FORM WORK SHALL BE CHECKED PROPERLY TO AVOID ANY DEFLECTION
24) REMOVAL OF FORM WORK SHALL BE AS PER STRIPPING TIME PRESCRIBED VIDE CL. 11.3 OF I.S. 456-2000 WHICH SHALL BE CHECKED BY E.E./A.E.
25) IN FRAME STRUCTURE ALL EXTERNAL& STAIR WALL SHALL BE 10"THICK AND INTERNAL WALL SHALL BE 5" THICK, EXCEPT MENTIONED.
26) NECESSARY ARRANGEMENTS SHALL BE MADE FOR PLINTH PROTECTION OF BUILDING AT LEVEL DECIDED BY E.E. TO AVOID WATER LOGGING AROUND BUILDING.THE WIDTH SHALL BE DECIDED AS PER ACTUAL SITE CONDITION BY ENGINEER IN -CHARGE
27) WATER PROOFING COMPOUND SHALL BE USED IN CASTING OF SUNKEN SLAB &TERRACE FLOOR SLAB TO PREVENT SEEPAGE.
ALL DESIGN MIX CONCRETE OF GRADE M 25 HAVING MINIMUM CEMENT CONTENT 300 kg/m, Max. W/C = 0.5 FOR COARSE AGGREGATE 20 mm SIZE.CASTING SHOULD BE DONE AS PER MIX DESIGN

OR T INDICATES HYSD BARS OF GRADE Fe 500D
THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.

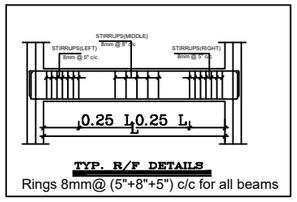
NOTES:-2

1. ALL DIMENSIONS ARE IN IN FEET AND INCHES
2. ALL CONCRETE MIX M:20 UNLESS OTHERWISE SPECIFIED.
3. ALL TOR STEEL YIELD STRENGTH 500 N/mm .
4. ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED.
5. CLEAR COVER TO MAIN STEEL 40 MM IN PILES, 20mm IN SLAB, 25mm IN BEAM, 40mm IN COLUMN.
6. ALL DIMENSIONS ARE TO BE READ NOT TO BE MEASURED.
7. ALL DIMENSIONS & DETAILS ARE TO BE VERIFIED WITH THE ARCHITECTURAL DRAWING AMBIGUITY IF ANY SHOULD BE BROUGHT TO THE NOTICE OF THE CONSULTING ENGINEERS.
8. WHEREVER SHOWN BEAM BAR SHALL BE ANCHORED INTO COLUMN UP-TO A LENGTH EQUAL TO 50X BAR DIA DISTANCE MEASURED FROM COLUMN FACE
9. BARS TO BE CUT & BENT NEAR OPENINGS/POCKETS.

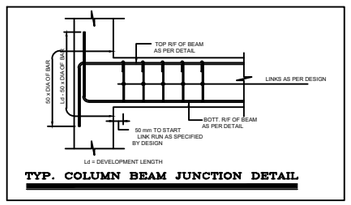
SLAB. BEAM SECTION
Rings 8mm@ (5"+8"+5") c/c for all beams

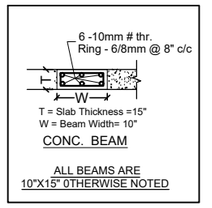
BEAM REINFORCEMENT INDEX

BEAM MKD	SIZE		REINFORCEMENT				STIRRUPS	
			TOP REINF.		BOT. REINF.			
	B	D	TOP.M (t1)	TOP.EXT (t2)	BOT.M (b1)	BOT.EXT (b2)	S1	S2
SB1	10"	15"	3-T16	2-T12	3-T16	2-T12	T8@5"c/c	T8@5"c/c



Rings 8mm@ (5"+8"+5") c/c for all beams





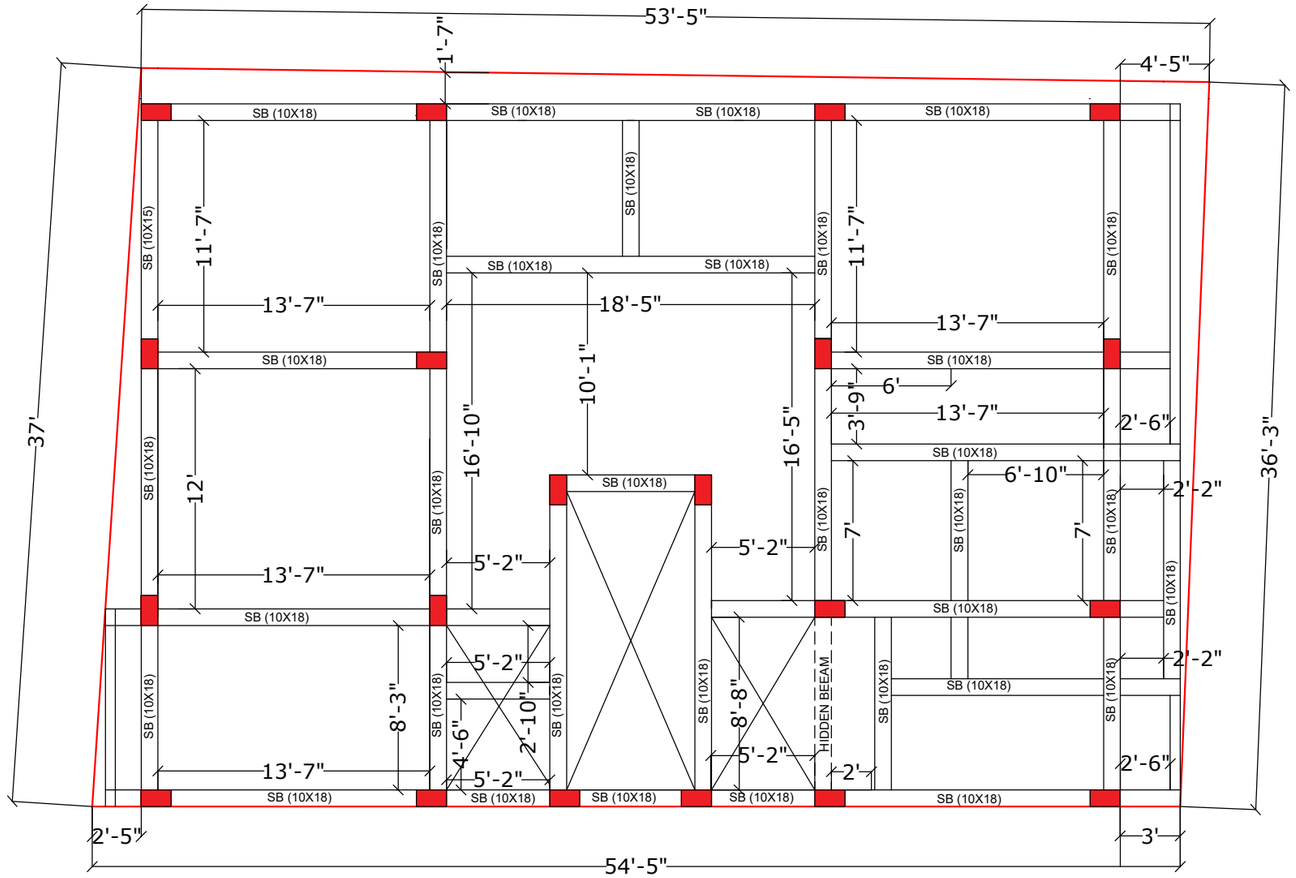
CLIENT :- ASHWANI SIR

PROJECT :- GROUND FLOOR TIE BEAM

SCALE:-	1:100	ISSUED	04.11.25
Plan Number:-	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

JAYPRO **INFRATECH** PVT. LTD.
Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 80001

NORTH

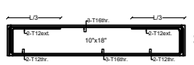


WEST

EAST

ROAD

SOUTH



SB (10"X18")

SLAB. BEAM SECTION
Rings 8mm@ (5"+8"+5") c/c for all beams

BEAM REINFORCEMENT INDEX

BEAM MKD	SIZE		REINFORCEMENT				STIRRUPS	
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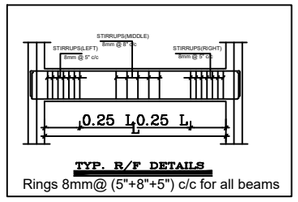
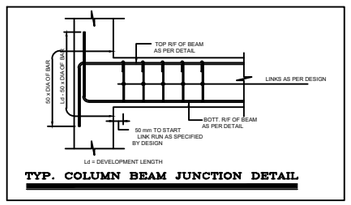
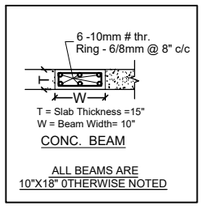


TYP. R/F DETAILS
Rings 8mm@ (5"+8"+5") c/c for all beams



TYP. COLUMN BEAM JUNCTION DETAIL



T = Slab Thickness =15"
W = Beam Width= 10"

CONC. BEAM

ALL BEAMS ARE
10"X18" OTHERWISE NOTED

JAYPRO INFRATECH PVT.LTD.

TECHNICAL NOTES & INSTRUCTIONS:-

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22) THE FORM WORK FOR (SPAN >4M.) BEAMS & SLAB SHALL BE SO ASSEMBLED AS TO PROVIDE CAMBER AS FOLLOWS :-
a) CAMBER FOR NORMAL BEAMS SHALL BE 1 IN 250 OF THE SPAN OR 4MM PER METER OF SPAN AT THE CENTRAL POINT
b) FOR CANTILEVER BEAMS /SLAB CAMBER AT THE FREE END SHALL BE SPAN / 50 OF THE PROJECTED LENGTH
23) BEFORE R.C.C. CASTING OF BEAMS/SLAB FORM WORK SHALL BE CHECKED PROPERLY TO AVOID ANY DEFLECTION
24) REMOVAL OF FORM WORK SHALL BE AS PER STRIPPING TIME PRESCRIBED VIDE CL. 11.3 OF I.S. 456-2000 WHICH SHALL BE CHECKED BY E.E./A.E.
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27) WATER PROOFING COMPOUND SHALL BE USED IN CASTING OF SUNKEN SLAB &TERRACE FLOOR SLAB TO PREVENT SEEPAGE.
ALL DESIGN MIX CONCRETE OF GRADE M 25 HAVING MINIMUM CEMENT CONTENT 300 kg/m, Max. W/C = 0.5 FOR COARSE AGGREGATE 20 mm SIZE.CASTING SHOULD BE DONE AS PER MIX DESIGN

OR T INDICATES HYSD BARS OF GRADE Fe 500D
THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.

NOTES:-2

1. ALL DIMENSIONS ARE IN IN FEET AND INCHES
2. ALL CONCRETE MIX M:20 UNLESS OTHERWISE SPECIFIED.
3. ALL TOR STEEL YIELD STRENGTH 500 N/mm .
4. ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED.
5. CLEAR COVER TO MAIN STEEL
   40 MM IN PILES, 20mm IN SLAB,
   25mm IN BEAM, 40mm IN COLUMN.
6. ALL DIMENSIONS ARE TO BE READ NOT TO BE MEASURED.
7. ALL DIMENSIONS & DETAILS ARE TO BE VERIFIED WITH THE ARCHITECTURAL DRAWING AMBIGUITY IF ANY SHOULD BE BROUGHT TO THE NOTICE OF THE CONSULTING ENGINEERS.
8. WHEREVER SHOWN BEAM BAR SHALL BE ANCHORED INTO COLUMN UP-TO A LENGTH EQUAL TO 50X BAR DIA DISTANCE MEASURED FROM COLUMN FACE
9. BARS TO BE CUT & BENT NEAR OPENINGS/POCKETS.

CLIENT :-

ASHWANI SIR

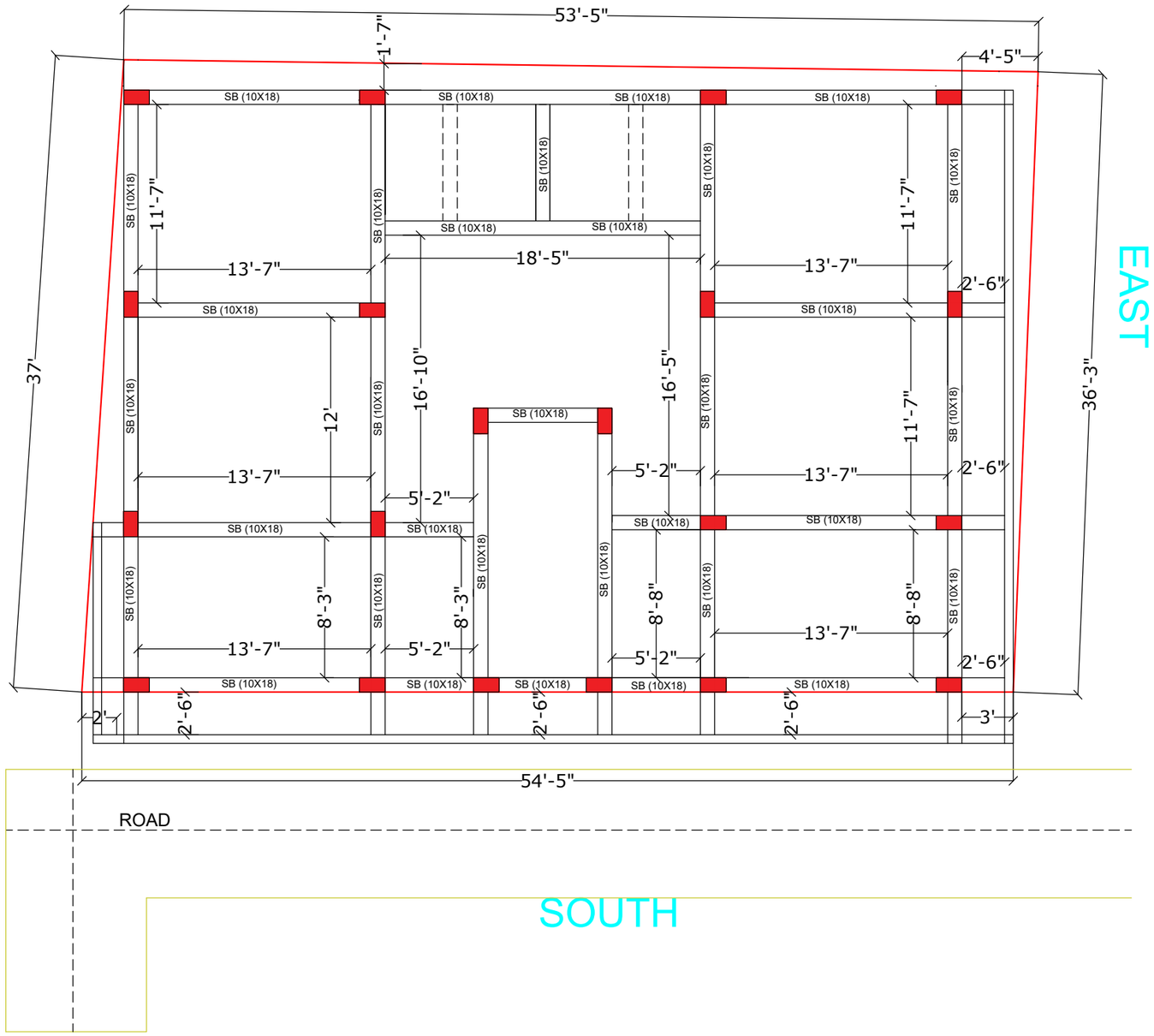
PROJECT :-

FIRST FLOOR SLAB BEAM

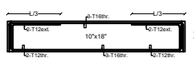
SCALE:-	1:100	ISSUED	04.11.25
Plan Number:-	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

JAYPRO **INFRATECH** PVT. LTD.
Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 80001

NORTH



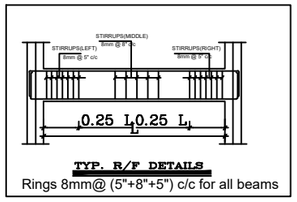
SOUTH



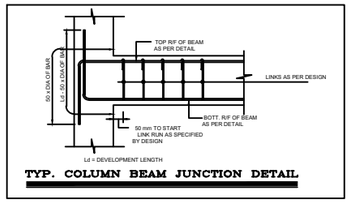
SLAB. BEAM SECTION
Rings 8mm@ (5"+8"+5") c/c for all beams

BEAM REINFORCEMENT INDEX

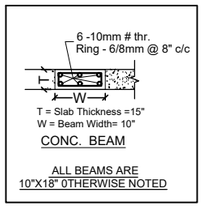
BEAM MKD	SIZE		REINFORCEMENT				STIRRUPS	
			TOP REINF.		BOT. REINF.			
	B	D	TOP.M (t1)	TOP.EXT (t2)	BOT.M (b1)	BOT.EXT (b2)	S1	S2
SB1	10"	18"	3-T16	2-T12	3-T16	2-T12	T8@5"c/c	T8@5"c/c



TYP. R/F DETAILS
Rings 8mm@ (5"+8"+5") c/c for all beams



TYP. COLUMN BEAM JUNCTION DETAIL



CONC. BEAM

ALL BEAMS ARE 10"X18" OTHERWISE NOTED

JAYPRO INFRATECH PVT.LTD.

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2) THE ENGINEER IN -CHARGE SHALL STUDY IN DEPTH THE ARCHITECTURAL/ STRUCTURAL DRAWINGS OF THE BUILDING / STRUCTURE ENCLOSED, BEFORE EXECUTION AND AMBIGUITY IF ANY NOTICED BY HIM SHALL BE REPORTED TO CONSULTANT. FOR NECESSARY ACTION.
ALL DIMENSIONS ARE IN MMFOLLOW WRITTEN DIMENSION ONLY.
4) ONLY STEEL SHUTTERING / CENTERING SHALL BE USED AT WORK SITE FOR CONSTRUCTION OF R.C.C. FRAMED BUILDING.
5) QUALITY AND MIX PROPORTION OF MATERIALS TO BE USED IN CONCRETING I.E. WATER / CEMENT / SAND / CHIPS SHALL BE STRICTLY AS PER DESIGN MIX REPORT.
6) THE CRUSHING STRENGTH OF CUBES PREPARED WITH CONC. MIX AT WORK SITE SHALL CONFORM THE ACCEPTANCE CRITERIA AS MENTIONED IN I.S. 456. 2000.
7) COVER BLOCK WITH PROPER SIZE & SPECIFIED STRENGTH SHALL BE PROVIDED IN SLAB / BEAM / COLUMN / FOUNDATION BEFORE R.C.C. CASTING @ SPACE NOT EXCEEDING ONE METER C/C.
8) COVER BLOCK SHALL BE PROPERLY TIED WITH THE REINFORCEMENT FOR FIXITY DURING

9) IN CASE OF PILE FOUNDATION IT IS ESSENTIAL TO HAVE ACTUAL PILE LOAD TEST REPORT ALONG WITH PILE CAPACITY BASED ON SOIL PARAMETERS. SO IT IS INSTRUCTED TO GET THE ACTUAL PILE LOAD TEST REPORT BEFORE EXECUTION AND REPORT TO CONSULTANT FOR REVIEW. AND FINAL CONCLUSION.
10) IN CASE OF PILE FOUNDATION HAVING HIGH WATER TABLE USE BENTONITE SOLUTION, CASING AND QUICK SETTING CEMENT, THE ENGINEER IN -CHARGE SHALL TAKE FINAL DECISION AS PER ACTUAL SITE CONDITION.
11) ALL CONCRETE SHALL BE MACHINE MIXED AND PROPERLY COMPACTED BY VIBRATOR.
12) NOMINAL COVER (I.E. CLEAR CONCRETE COVER TO ALL REINFORCEMENTS, INCLUDING LINKS) FOR FOUNDATION = 50, PILE CAP - 75, COLUMN = 40, BEAM = 30 AND SLAB = 25mm HALL BE PROVIDED.
13) PROPER CURING OF R.C.C. SLAB / COLUMN / FOUNDATION / B/W PLASTER ETC. SHALL BE

14) PROPER ARRANGEMENT FOR SOAKING OF BRICKS SHALL BE ENSURED BY FIELD ENGRS.
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16) BEFORE CASTING REINFORCEMENT PLACED SHALL BE DULY MEASURED BY ENGR INCHARGE.
17) LDT= EFFECTIVE DEVELOP. LENGTH CONSIDERING TENSION 49X BAR DIA.
18) LDC = EFFECTIVE DEVELOP. LENGTH CONSIDERING COMPRESSION 39X BAR DIA.
19A) LAP SPLICE- NOT MORE THAN 50% OF AREA OF STEEL (LONG) IN COLUMN BARS SHALL BE SPLICED AT ANY ONE SECTION. LAPPING OR WELDING OF RT. SHALL BE STAGGERED.
IT SHALL BE WITHN THE LAPPNG ZONE AS SHOWN IN THE DRG THE LAP LENGTH SHALL NOT BE LESS THEN DEVELOPMENT LENGTH OF ROD AND 30 TIMES DIA OF BAR WHICH IS GREATER.
19B) LAP SPLICE IN BEAM SPAN LESS THAN 12M SHALL BE AVOIDED IN NORMAL CASE. IN LONGER SPAN (L > 12M) LAP SHALL BE PROVIDED AS PER APPROVED STR. DRG.
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ALL DESIGN MIX CONCRETE OF GRADE M 25 HAVING MINIMUM CEMENT CONTENT 300 kg/m, Max. W/C = 0.5 FOR COARSE AGGREGATE 20 mm SIZE.CASTING SHOULD BE DONE AS PER MIX DESIGN

OR T INDICATES HYSD BARS OF GRADE Fe 500D
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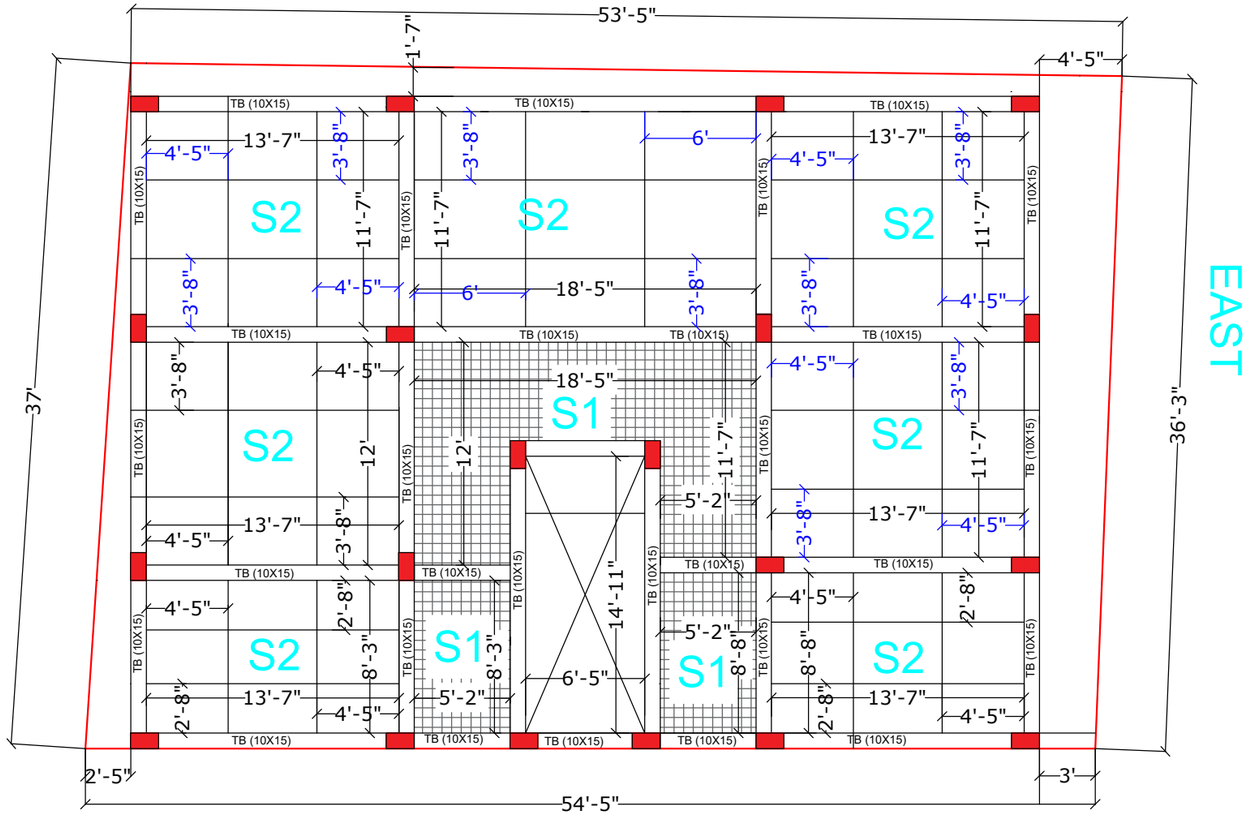
8. WHEREVER SHOWN BEAM BAR SHALL BE ANCHORED INTO COLUMN UP-TO A LENGTH EQUAL TO 50X BAR DIA DISTANCE MEASURED FROM COLUMN FACE
9. BARS TO BE CUT & BENT NEAR OPENINGS/POCKETS.

CLIENT :- ASHWANI SIR

PROJECT :-
SECOND FLOOR SLAB BEAM

SCALE:-	1:100	ISSUED	04.11.25
Plan Number:-	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

JAYPRO **INFRATECH** PVT. LTD.
Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 80001



SLAB	MAIN (Shorter Span-A)		Distr. (Longer Span-B)		SLAB TYPE
	ROD (dia)	SPACING	ROD (dia)	SPACING	
S-1	T10 mm	6" c/c	T8 mm	6" c/c	CRANK
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NOTES:-

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8. ALL DISTRIBUTION BARS WHEREVER REQUIRED BUT NOT CALLED OUT SHALL BE 8Tor @250C/C.
9. THIS DRAWING SHALL BE READ WITH ARCHITECTURAL DRAWINGS.
10. WHEREVER SHOWN BEAM BAR SHALL BE ANCHORED INTO COLUMN UPTO A LENGTH EQUAL TO 50X BAR DIA DISTANCE MEASURED FROM COLUMN FACE

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OR T INDICATES HYSD BARS OF GRADE Fe 5000
THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.

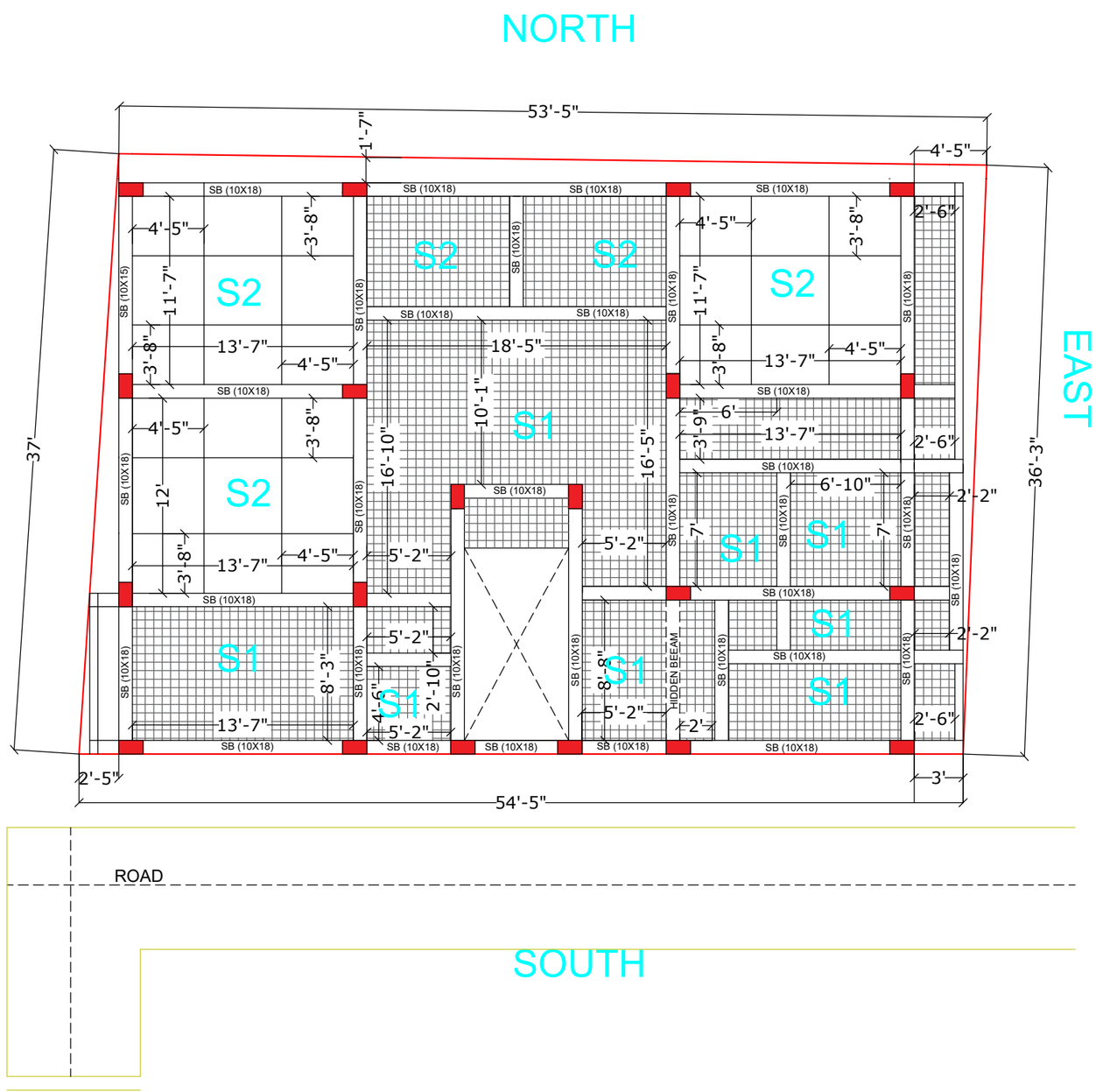
S

CLIENT :-
ASHWANI SIR

PROJECT :-
GROUND FLOOR SLAB REINF.. DETAIL

SCALE :	1:100	ISSUED	13.07.25
Plan Number	09		
Design By	Er. Kumari Neha Ranjan		
Checked By	Er. Jayprakash kumar		
Approved By	Jaypro infratech Pvt. Ltd.		

JAYPRO INFRATECH PVT. LTD.
Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 800001



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7) COVER BLOCK WITH PROPER SIZE & 28 DAYS CRITED STRENGTH SHALL BE PROVIDED IN SLAB / BEAM / COLUMN / FOUNDATION BEFORE R.C.C. CASTING @ SPACE NOT EXCEEDING ONE METER C/C.
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OR T INDICATES HYSD BARS OF GRADE Fe 5000
THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.

S

CLIENT :-
ASHWANI SIR

PROJECT :-
FIRST FLOOR SLAB REINF.. DETAIL

SCALE :	1:100	ISSUED	13.07.25
Plan Number	09		
Design By	Er. Kumari Neha Ranjan		
Checked By	Er. Jayprakash kumar		
Approved By	Jaypro infratech Pvt. Ltd.		

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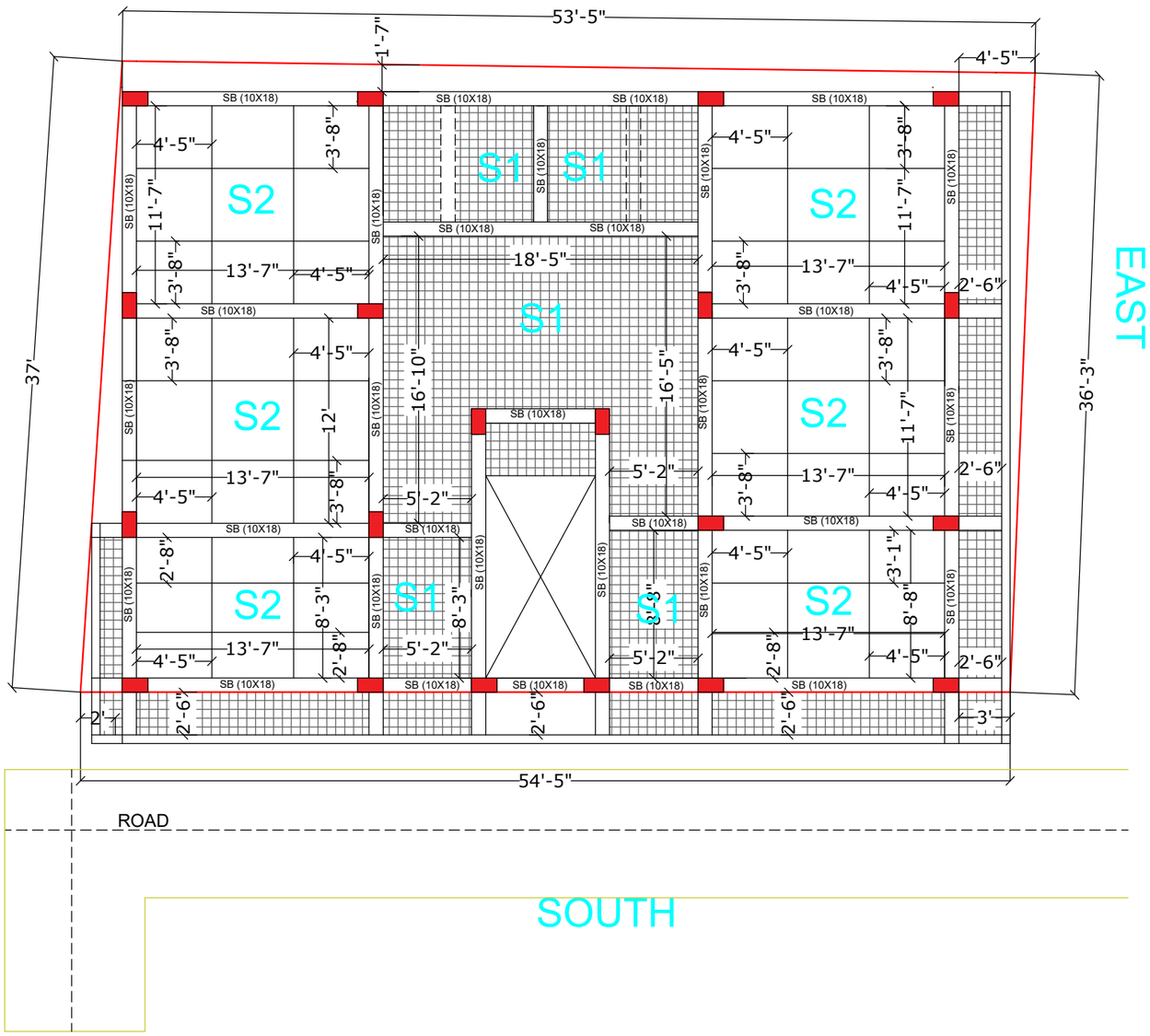
Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 800001



SLAB	MAIN (Shorter Span-A)		Distr. (Longer Span-B)		SLAB TYPE
	ROD (dia)	SPACING	ROD (dia)	SPACING	
S-1	T10 mm	6" c/c	T8 mm	6" c/c	CRANK
S-2	T8 mm	6" c/c	T8 mm	6" c/c	CRANK

NOTES:-

1. ALL DIMENSIONS ARE IN IN FEET AND INCHES
2. ALL CONCRETE MIX M:20 UNLESS OTHERWISE SPECIFIED.
3. ALL TOR STEEL YIELD STRENGTH 500 N/mm .
4. ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED.
5. CLEAR COVER TO MAIN STEEL 40 MM IN PILES, 20mm IN SLAB, 25mm IN BEAM, 40mm IN COLUMN.
6. ALL DIMENSIONS ARE TO BE READ NOT TO BE MEASURED.
7. ALL DIMENSIONS & DETAILS ARE TO BE VERIFIED WITH THE ARCHITECTURAL DRAWING AMBIGUITY IF ANY SHOULD BE BROUGHT TO THE NOTICE OF THE CONSULTING ENGINEERS.
8. ALL DISTRIBUTION BARS WHEREVER REQUIRED BUT NOT CALLED OUT SHALL BE 8Tor @250C/C.
9. THIS DRAWING SHALL BE READ WITH ARCHITECTURAL DRAWINGS.
10. WHEREVER SHOWN BEAM BAR SHALL BE ANCHORED INTO COLUMN UPTO A LENGTH EQUAL TO 50X BAR DIA DISTANCE MEASURED FROM COLUMN FACE

TECHNICAL NOTES & INSTRUCTIONS:-

1) NOTES AND INSTRUCTIONS INDICATED BELOW SHALL BE FOLLOWED WITH DUE RESPONSIBILITY BY ENGINEER IN -CHARGE DURING EXECUTION OF THE PROJECT.
2) THE ENGINEER IN -CHARGE SHALL STUDY IN DEPTH THE ARCHITECTURAL/ STRUCTURAL DRAWINGS OF THE BUILDING / STRUCTURE ENCLOSED, BEFORE EXECUTION AND AMBIGUITY IF ANY NOTICED BY HIM SHALL BE REPORTED TO CONSULTANT. FOR NECESSARY ACTION.
3) ALL DIMENSIONS ARE IN MM.FOLLOW WRITTEN DIMENSION ONLY.
4) ONLY STEEL SHUTTERING / CENTERING SHALL BE USED AT WORK SITE FOR CONSTRUCTION OF R.C.C. FRAMED BUILDING.
5) QUALITY AND MIX PROPORTION OF MATERIALS TO BE USED IN CONCRETING I.E. WATER / CEMENT / SAND / CHIPS SHALL BE STRICTLY AS PER DESIGN MIX REPORT.
6) THE CRUSHING STRENGTH OF CUBES PREPARED WITH CONC. MIX AT WORK SITE SHALL CONFORM THE ACCEPTANCE CRITERIA AS MENTIONED IN I.S.-456, 2000.
7) COVER BLOCK WITH PROPER SIZE & SPECIFIED STRENGTH SHALL BE PROVIDED IN SLAB / BEAM / COLUMN / FOUNDATION BEFORE R.C.C. CASTING @ SPACE NOT EXCEEDING ONE METER C/C.
8) COVER BLOCK SHALL BE PROPERLY TIED WITH THE REINFORCEMENT FOR FIXITY DURING

9) IN CASE OF PILE FOUNDATION IT IS ESSENTIAL TO HAVE ACTUAL PILE LOAD TEST REPORT ALONG WITH PILE CAPACITY BASED ON SOIL PARAMETERS. SO IT IS INSTRUCTED TO GET THE ACTUAL PILE LOAD TEST REPORT BEFORE EXECUTION AND REPORT TO CONSULTANT FOR REVIEW. AND FINAL CONCLUSION.
10) IN CASE OF PILE FOUNDATION HAVING HIGH WATER TABLE USE BENTONITE SOLUTION, CASING AND QUICK SETTING CEMENT, THE ENGINEER IN -CHARGE SHALL TAKE FINAL DECISION AS PER SOIL CONDITION AT SITE.
11) ALL CONCRETE SHALL BE MACHINE MIXED AND PROPERLY COMPACTED BY VIBRATOR.
12) NOMINAL COVER (I.E. CLEAR CONCRETE COVER TO ALL REINFORCEMENTS, INCLUDING LINKS) FOR FOUNDATION = 50, PILE CAP - 75, COLUMN = 40, BEAM = 30 AND SLAB = 25mm HALL BE PROVIDED.
13) PROPER CURING OF R.C.C. SLAB / COLUMN / FOUNDATION / B/W PLASTER ETC. SHALL BE

14) PROPER ARRANGEMENT FOR SOAKING OF BRICKS SHALL BE ENSURED BY FIELD ENGRS.
15) BEFORE PLACING OF REINFORCEMENT POLYTHENE SHEET SHALL DE SPREAD OVER SHUTTERING TO PREVENT CEMENT SLURRY FROM CONC. MIX.
16) BEFORE CASTING REINFORCEMENT PLACED SHALL BE DULY MEASURED BY ENGR INCHARGE.
17) LDT= EFFECTIVE DEVELOP. LENGTH CONSIDERING TENSION 49X BAR DIA.
18) LDC = EFFECTIVE DEVELOP. LENGTH CONSIDERING COMPRESSION 39X BAR DIA.
19A) LAP SPLICE- NOT MORE THAN 50% OF AREA OF STEEL (LONG) IN COLUMN BARS SHALL BE SPLICED AT ANY ONE SECTION. LAPPING OR WELDING OF RT. SHALL BE STAGGERED.
IT SHALL BE WITHIN THE LAPPING ZONE AS SHOWN IN THE DRG.THE LAP LENGTH SHALL NOT BE LESS THEN DEVELOPMENT LENGTH OF ROD AND 30 TIMES DIA OF BAR WHICH IS GREATER.
19B) LAP SPLICE IN BEAM SPAN LESS THAN 12M SHALL BE AVOIDED IN NORMAL CASE. IN LONGER SPAN (L > 12M) LAP SHALL BE PROVIDED AS PER APPROVED STR. DRG.
20) ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
21) GRID LINE SHOWS CL OF WALLS.
22) THE FORM WORK FOR (SPAN >4M) BEAMS & SLAB SHALL BE ISO ASSEMBLED AS TO PROVIDE CAMBER AS FOLLOWS :-
a) CAMBER FOR NORMAL BEAMS SHALL BE 1 IN 250 OF THE SPAN OR 4MM PER METER OF SPAN AT THE CENTRAL POINT
b) FOR CANTILEVER BEAMS /SLAB CAMBER AT THE FREE END SHALL BE SPAN / 50 OF THE PROJECTED LENGTH
23) BEFORE R.C.C. CASTING OF BEAMS/SLAB FORM WORK SHALL BE CHECKED PROPERLY TO AVOID ANY DEFLECTION
24) REMOVAL OF FORM WORK SHALL BE AS PER STRIPPING TIME PRESCRIBED VIDE CL. 11.3 OF I.S. 456-2000 WHICH SHALL BE CHECKED BY E.E./A.E.
25) IN FRAME STRUCTURE ALL EXTERNAL& STAIR WALL SHALL BE 10"THICK AND INTERNAL WALL SHALL BE 5" THICK, EXCEPT MENTIONED.
26) NECESSARY ARRANGEMENTS SHALL BE MADE FOR PLINTH PROTECTION OF BUILDING AT LEVEL DECIDED BY E.E. TO AVOID WATER LOGGING AROUND BUILDING.THE WIDTH SHALL BE DECIDED AS PER ACTUAL SITE CONDITION BY ENGINEER IN -CHARGE.
27) WATER PROOFING COMPOUND SHALL BE USED IN CASTING OF SUNKEN SLAB &TERRACE FLOOR SLAB TO PREVENT SEEPAGE.
ALL DESIGN MIX CONCRETE OF GRADE M 25 HAVING MINIMUM CEMENT CONTENT 300 kg/m, Max. W/C = 0.5 FOR COARSE AGGREGATE 20 mm SIZE.CASTING SHOULD BE DONE AS PER MIX DESIGN

OR T INDICATES HYSD BARS OF GRADE Fe 5000
THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.

S

CLIENT :-
ASHWANI SIR

PROJECT :-
SECOND FLOOR SLAB REINF.. DETAIL

SCALE :	1:100	ISSUED	05.12.25
Plan Number	09		
Design By	Er. Kumari Neha Ranjan		
Checked By	Er. Jayprakash kumar		
Approved By	Jaypro infratech Pvt. Ltd.		

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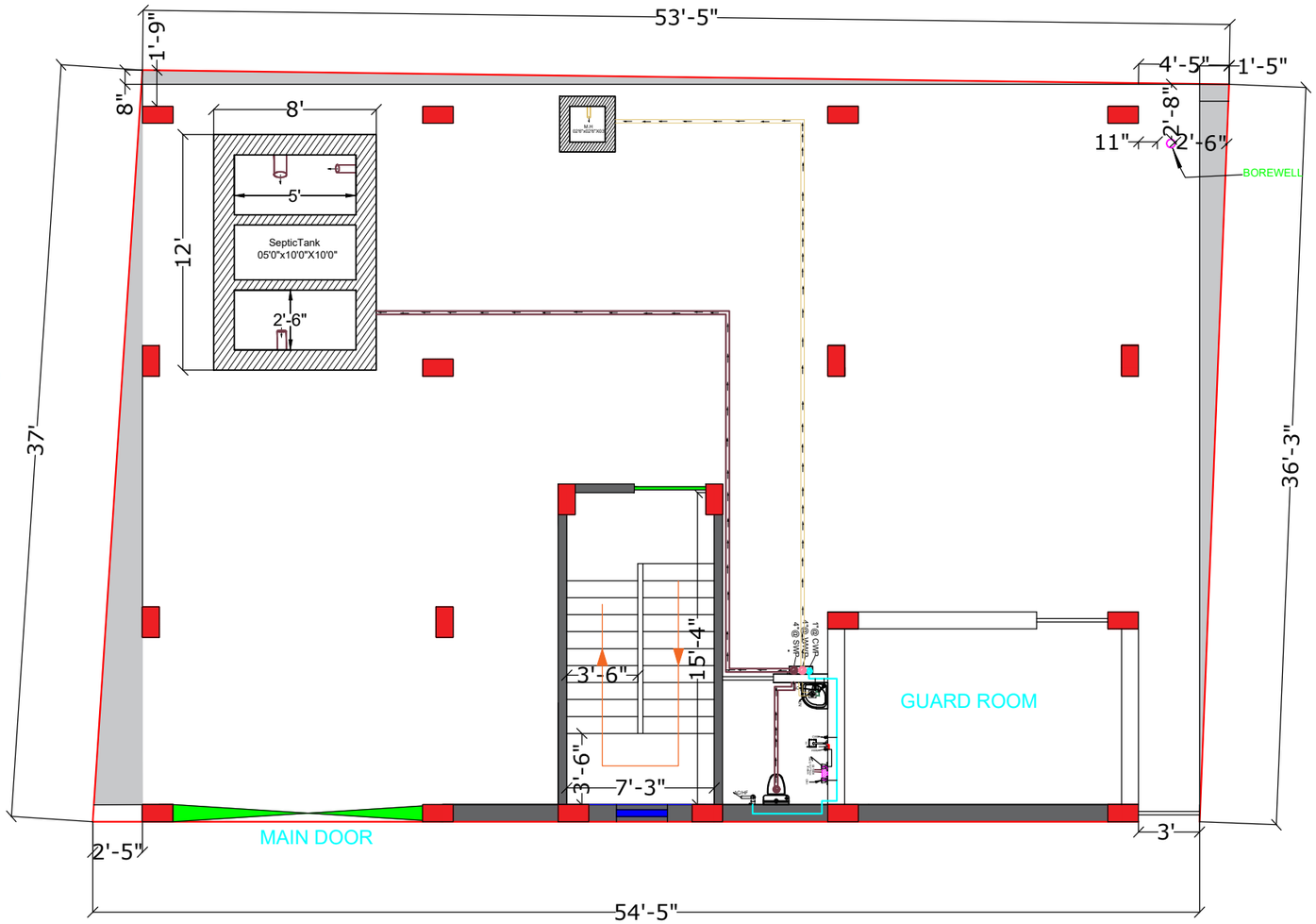

WEST

EAST

ROAD

SOUTH

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LEGEND:-

NT- ANTI
AC- ANGLE COCK at 3' h
AC/HF- ANGLE COCK/HEALTH FAUCET GUN at 2' h
CWI- COLD WATER IN at 7' h
HWO- HOT WATER OUT at 7' h
HWM- HOT WATER MIXER at 4' h
CWM- COLD WATER MIXER at 4' h
TAP- TAP at 3' h
HS- HEAD SHOWER at 7' h
BT- BOTTLE TRAP
MP- METROPOLE FLUSH at 3' h
AC-HW- ANGLE COCK FOR HOT WATER at 2' h
AC-CW- ANGLE COCK FOR COLD WATER at 2' h
BT - BOTTLE TRAP
RWP- RAIN WATER PIPE
1/2"@ COLD WATER PIPE - SH-40 UPVC
3/4"@ HOT WATER PIPE - CPVC SDR - 11 PIPE
1"@ COLD WATER PIPE - UPVC PIPE
21/2"@ WASTE WATER PIPE - 6KG/CM2 PVC FOR WASH BASIN
4"@ WASTE WATER LINE - 6KG/CM2 PVC PIPE
6"@ SOIL WATER LINE - 6KG/CM2 PVC PIPE
RISER - 2"@ COLD WATER DOWNTAKE -SH - 40 PVC PIPE
CWP - 2"@ COLD WATER PIPE - SH-40 PVC
WWP - 4"@ WASTE WATER PIPE -PVC 6 KG/CM2
SWP - 6"@ SOIL WATER PIPE -PVC 6 KG/CM2

S

CLIENT :- ASHWANI SIR

PROJECT :- Ground Floor plumbing design

SCALE:-	1:100	ISSUED	29.11.25
Plan Number:-	11		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

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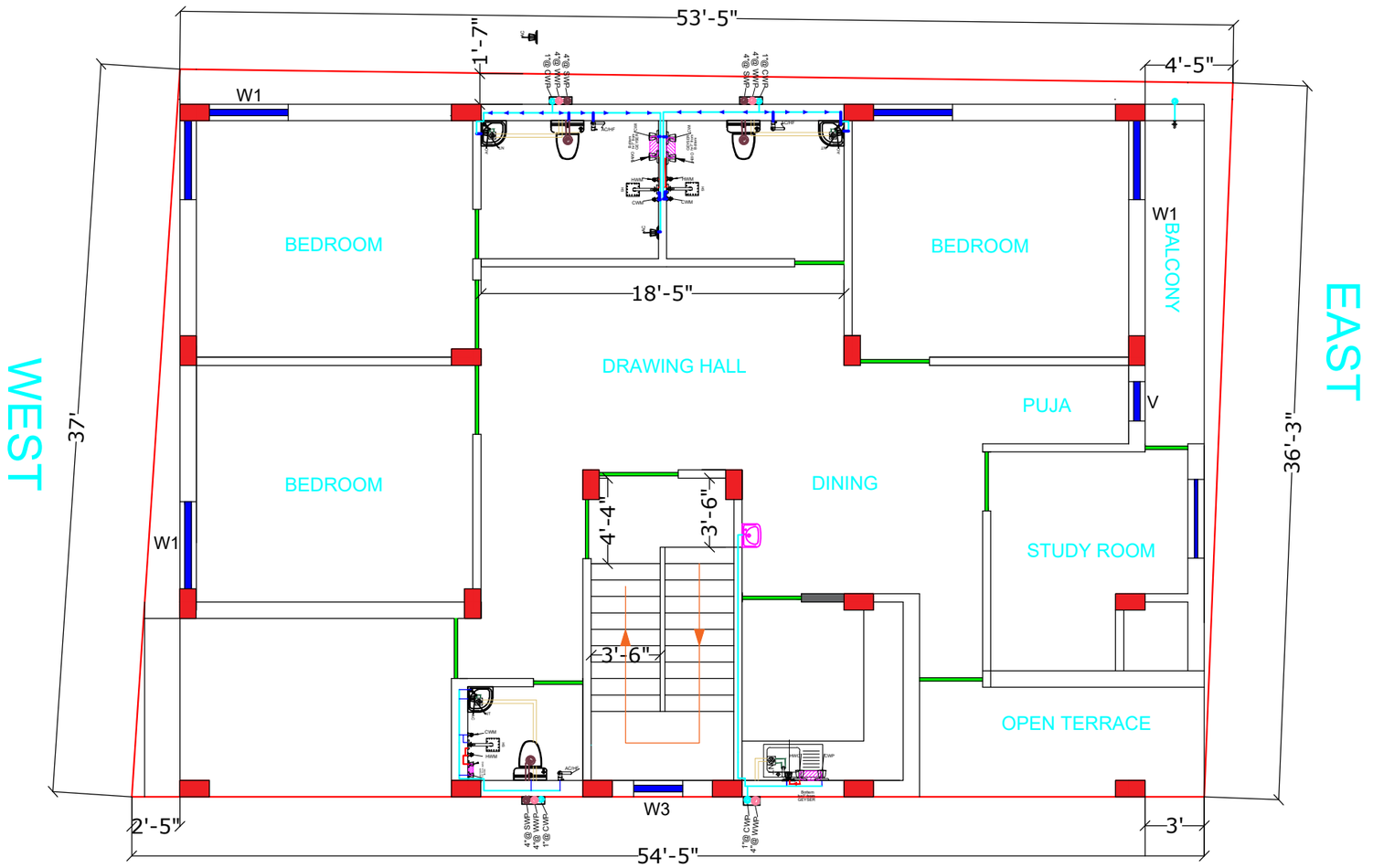

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CWP - 2"@ COLD WATER PIPE - SH-40 PVC
WWP - 4"@ WASTE WATER PIPE -PVC 6 KG/CM2
SWP - 6"@ SOIL WATER PIPE -PVC 6 KG/CM2

S

CLIENT :- ASHWANI SIR

PROJECT :- First floor plumbing design

SCALE:-	1:100	ISSUED	29.11.25
Plan Number:-	11		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

Jaypro Infratech Pvt.Ltd.

Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 80001

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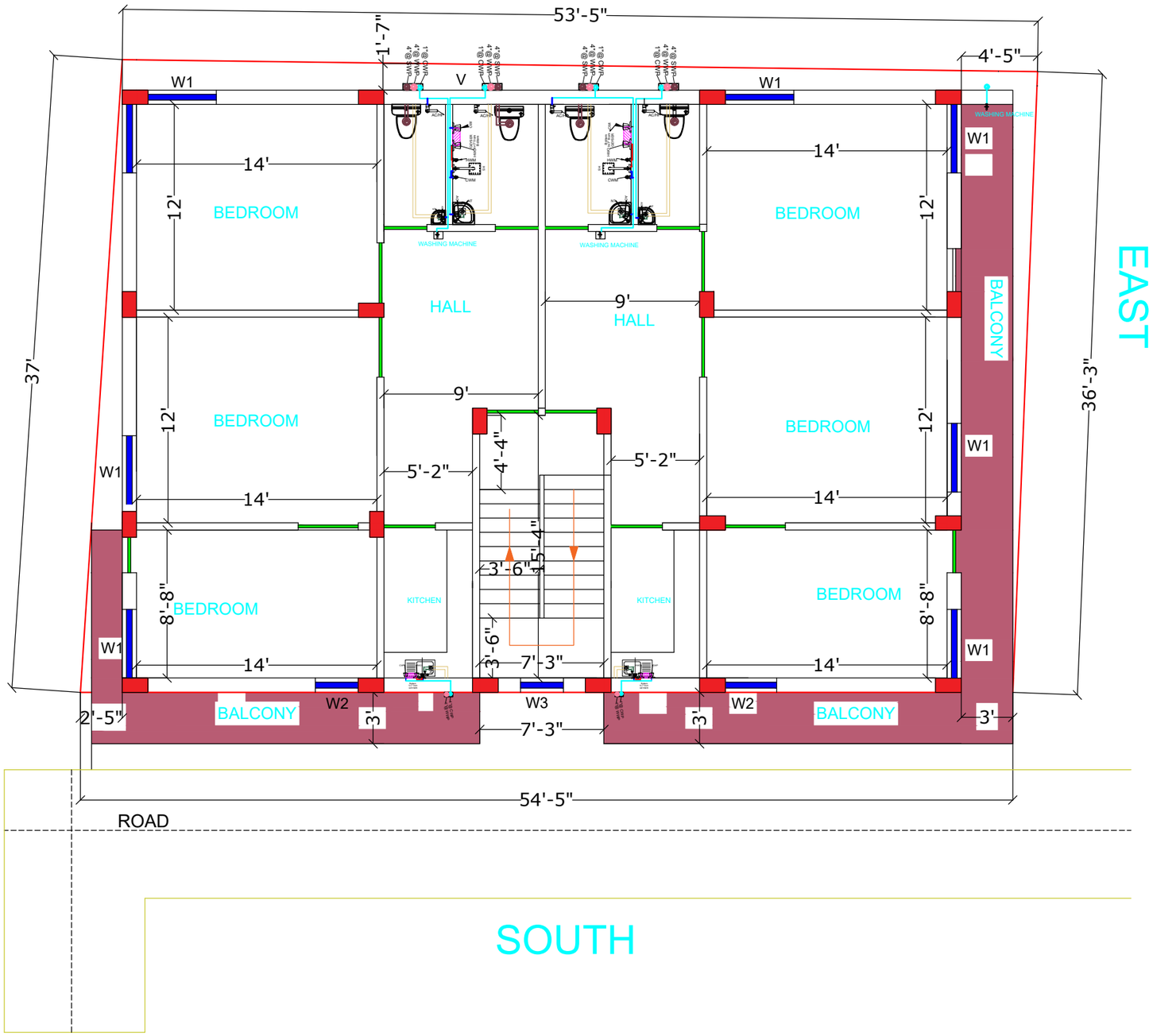

SOUTH

WEST

EAST

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LEGEND:-

NT- ANTI
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AC/HF- ANGLE COCK/HEALTH FAUCET GUN at 2' h
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6"@ SOIL WATER LINE - 6KG/CM2 PVC PIPE
RISER - 2"@ COLD WATER DOWNTAKE -SH - 40 PVC PIPE
CWP - 2"@ COLD WATER PIPE - SH-40 PVC
WWP - 4"@ WASTE WATER PIPE -PVC 6 KG/CM2
SWP - 6"@ SOIL WATER PIPE -PVC 6 KG/CM2

S

CLIENT :- ASHWANI SIR

PROJECT :- Second floor plumbing design

SCALE:-	1:100		
Plan Number:-	11	ISSUED	29.11.25
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

Jaypro Infratech Pvt.Ltd.

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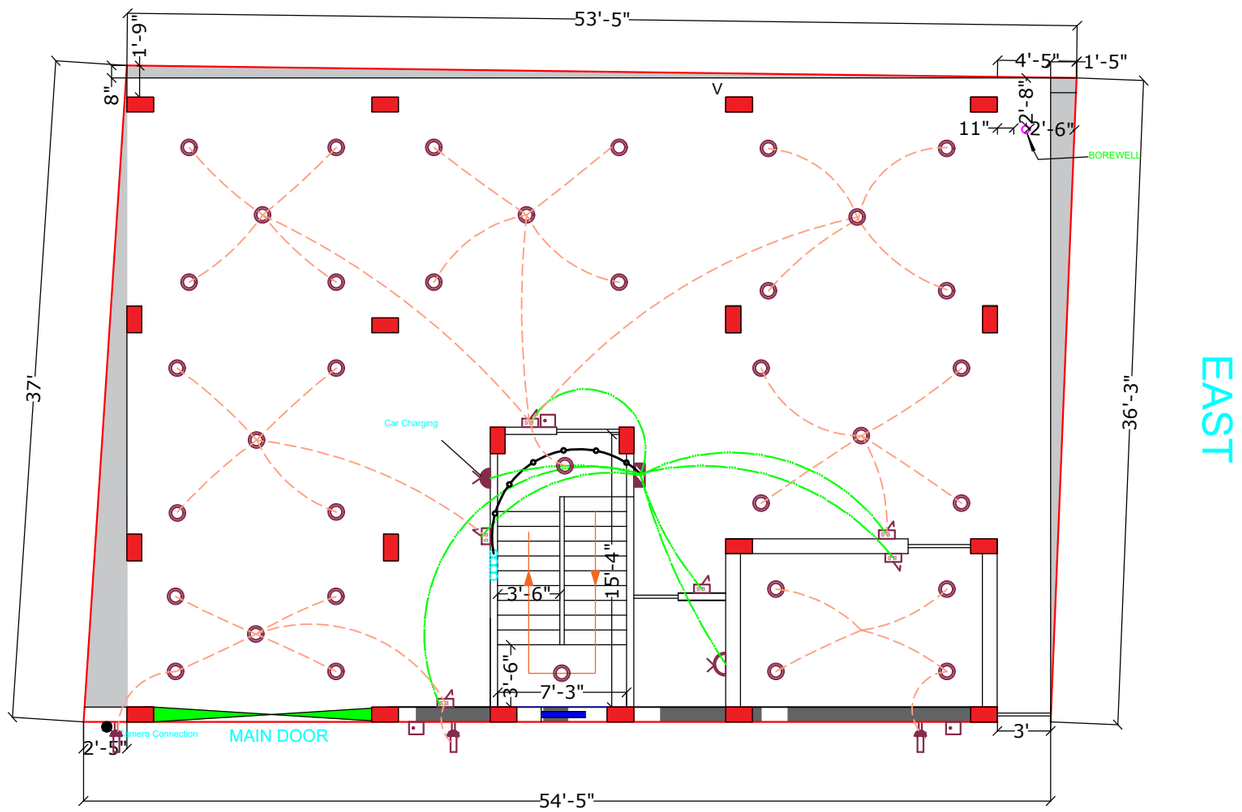

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LEGEND

SYMBOL	DESCRIPTION	HEIGHT
	CEILING FAN	ON CEILING
	CHANDELIEAR LIGHT POINT	ON CEILING
	40WX4'0" TUBE LIGHT FITTING	8'6"
	BLUB	8'6"
	NIGHT BLUB	8'6"
	C.F.L	ON CEILING
	SPORT LIGHT	ON CEILING
	CEILING LIGHT	ON CEILING
	FLASH JUNCTION BOX	ON CEILING
	SWITCH BOARD	4'6" HT
	BED SWITCH	2'6" HT
	TWO WAY SWITCH	ON SWITCH
	5 AMPS SWITCH SOEKET	1'6" HT
	15 AMPS SWITCH SOEKET	1'6" HT
	25 AMPS SWITCH SOEKET (A.C)	1'6" HT
	CALL BELL BUZZER	1'6" HT
	CALL BELL PUSH	4'6" HT
	OUT LET FOR TELEPHONE	1'6" HT
	OUT LET FOR TV	1'6" HT
	EXHAUST FAN (IN TOI & KIT)	
	TABLE LAMP	
	ROOT OF TV TELEPHONE WIRING	
	ROOT OF POINT WIRING (25MM)	
	ROOT OF POINT WIRING (19MM)	
	ROOT OF CIRCUIT WIRING (19MM)	
	ROOT OF SUB MAIN WIRING (25MM)	
	WALL FAN	
	DISTRIBUTION BOARD	
	METERING PANAL	

S

CLIENT :- ASHWANI SIR

PROJECT :- Ground Floor Electric design

SCALE:-	1:100	ISSUED	29.11.25
Plan Number:-	11		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

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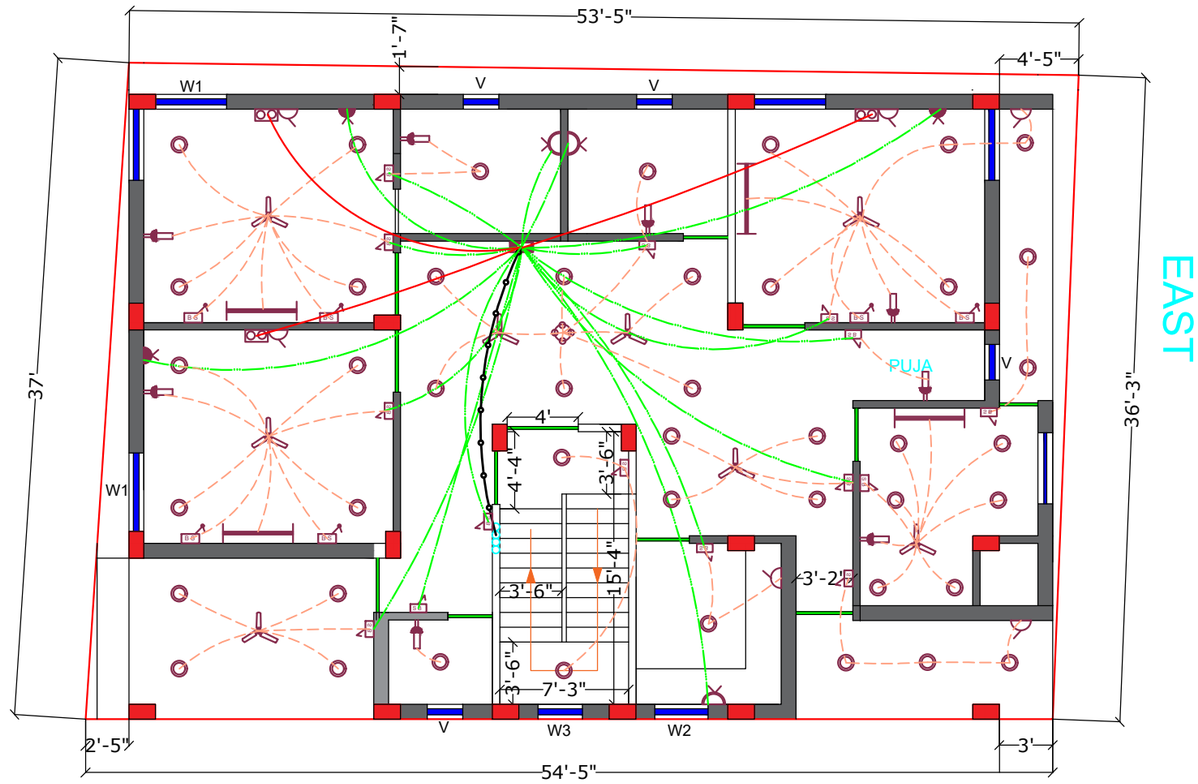

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LEGEND

SYMBOL	DESCRIPTION	HEIGHT
	CEILING FAN	ON CEILING
	CHANDELIEAR LIGHT POINT	ON CEILING
	40WX4'0" TUBE LIGHT FITTING	8'6"
	BLUB	8'6"
	NIGHT BLUB	8'6"
	C.F.L	ON CEILING
	SPORT LIGHT	ON CEILING
	CEILING LIGHT	ON CEILING
	FLASH JUNCTION BOX	ON CEILING
	SWITCH BOARD	4'6" HT
	BED SWITCH	2'6" HT
	TWO WAY SWITCH	ON SWITCH
	5 AMPS SWITCH SOEKET	1'6" HT
	15 AMPS SWITCH SOEKET	1'6" HT
	25 AMPS SWITCH SOEKET (A.C)	1'6" HT
	CALL BELL BUZZER	1'6" HT
	CALL BELL PUSH	4'6" HT
	OUT LET FOR TELEPHONE	1'6" HT
	OUT LET FOR TV	1'6" HT
	EXHAUST FAN (IN TOI & KIT)	
	TABLE LAMP	
	ROOT OF TV TELEPHONE WIRING	
	ROOT OF POINT WIRING (25MM)	
	ROOT OF POINT WIRING (19MM)	
	ROOT OF CIRCUIT WIRING (19MM)	
	ROOT OF SUB MAIN WIRING (25MM)	
	WALL FAN	
	DISTRIBUTION BOARD	
	METERING PANAL	

N

CLIENT :- ASHWANI SIR

PROJECT :- First Floor Electric design

SCALE:-	1:100	ISSUED	29.11.25
Plan Number:-	11		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

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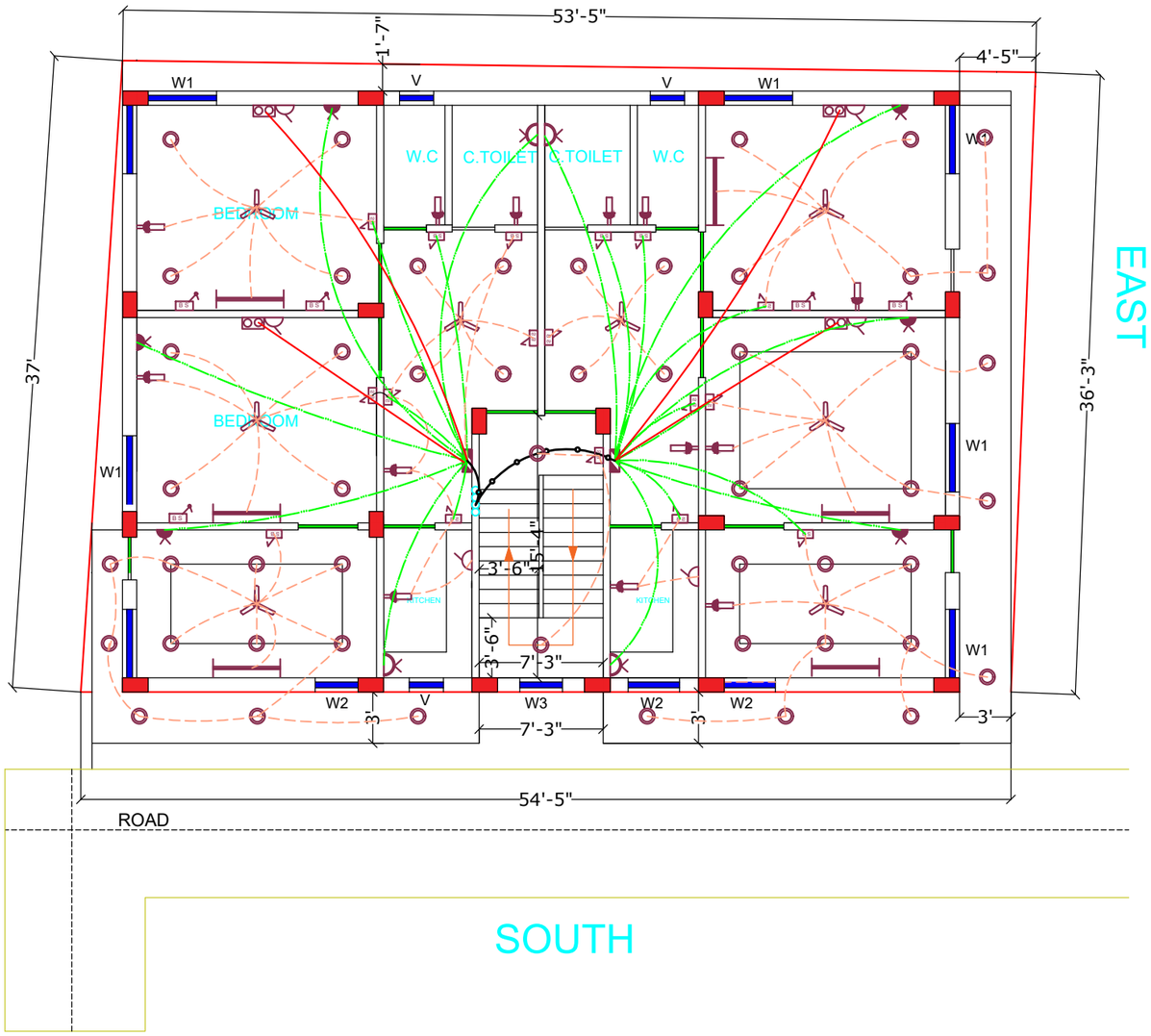

SOUTH

LEGEND

SYMBOL	DESCRIPTION	HEIGHT
	CEILING FAN	ON CEILING
	CHANDELIEAR LIGHT POINT	ON CEILING
	40WX4'0" TUBE LIGHT FITTING	8'6"
	BLUB	8'6"
	NIGHT BLUB	8'6"
	C.F.L	ON CEILING
	SPORT LIGHT	ON CEILING
	CEILING LIGHT	ON CEILING
	FLASH JUNCTION BOX	ON CEILING
	SWITCH BOARD	4'6" HT
	BED SWITCH	2'6" HT
	TWO WAY SWITCH	ON SWITCH
	5 AMPS SWITCH SOEKET	1'6" HT
	15 AMPS SWITCH SOEKET	1'6" HT
	25 AMPS SWITCH SOEKET (A.C)	1'6" HT
	CALL BELL BUZZER	1'6" HT
	CALL BELL PUSH	4'6" HT
	OUT LET FOR TELEPHONE	1'6" HT
	OUT LET FOR TV	1'6" HT
	EXHAUST FAN (IN TOI & KIT)	
	TABLE LAMP	
	ROOT OF TV TELEPHONE WIRING	
	ROOT OF POINT WIRING (25MM)	
	ROOT OF POINT WIRING (19MM)	
	ROOT OF CIRCUIT WIRING (19MM)	
	ROOT OF SUB MAIN WIRING (25MM)	
	WALL FAN	
	DISTRIBUTION BOARD	
	METERING PANAL	

N

CLIENT :- ASHWANI SIR

PROJECT :- Second Floor Electric design

SCALE:-	1:100	ISSUED	29.11.25
Plan Number:-	11		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

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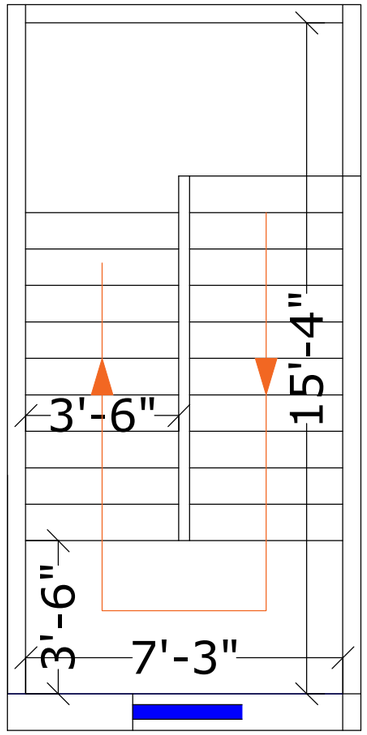

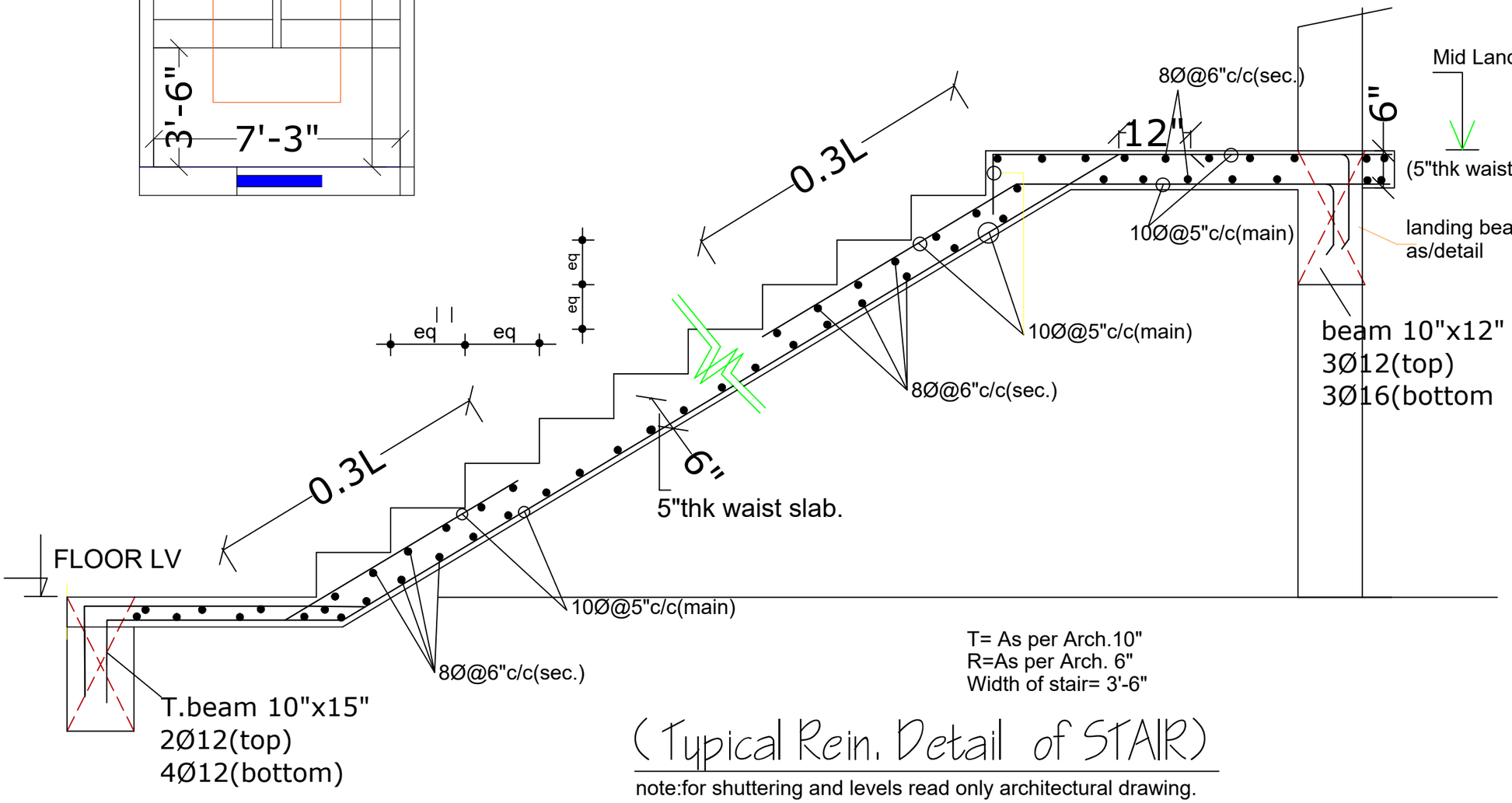

T= As per Arch.10"
R=As per Arch. 6"
Width of stair= 3'-6"

(Typical Rein. Detail of STAIR)

note:for shuttering and levels read only architectural drawing.

JAYPRO INFRATECH PVT.LTD.

S

CLIENT :- ASHWANI SIR

PROJECT :- REINFORCEMENT DETAILS OF STAIR

SCALE:-	1:100	ISSUED	29.11.25
Plan Number:-	01		
Design By	Er.Rishav Kumar		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

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Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 80001