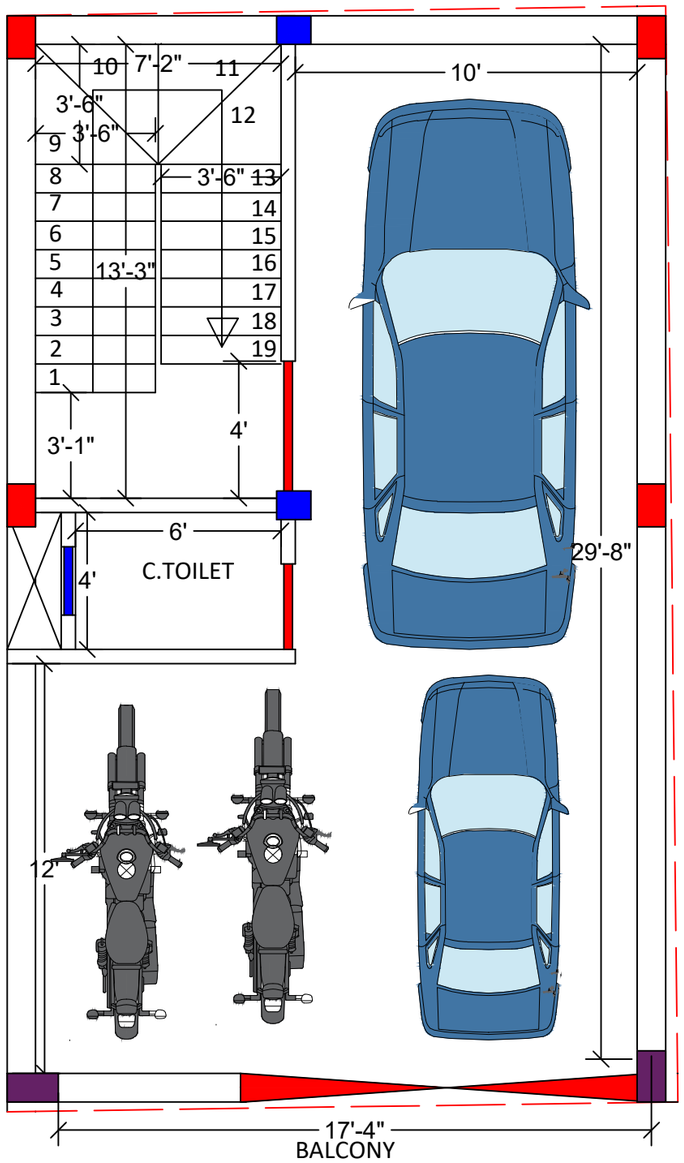
West

South



North

East

GROUND FLOOR

JAYPRO INFRATECH PVT.LTD.

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.
D	3'-00"	-	7'-00"	3'-00"
D1	2'-06"	-	7'-00"	3'-00"
W	4'-00"	-	4'-00"	4'-00"
W1	3'-00"	-	4'-00"	4'-00"
V	2'-00"	-	1'-06"	8'-06"

Details Of Stair:-
Celling Height :- 11'
Height Of Riser:- 7
Width Of Trade :- 10"
Width Of Stair :- 3'-6"
Width Of Landing :- 3'
Steps Of Stair :- 18

E

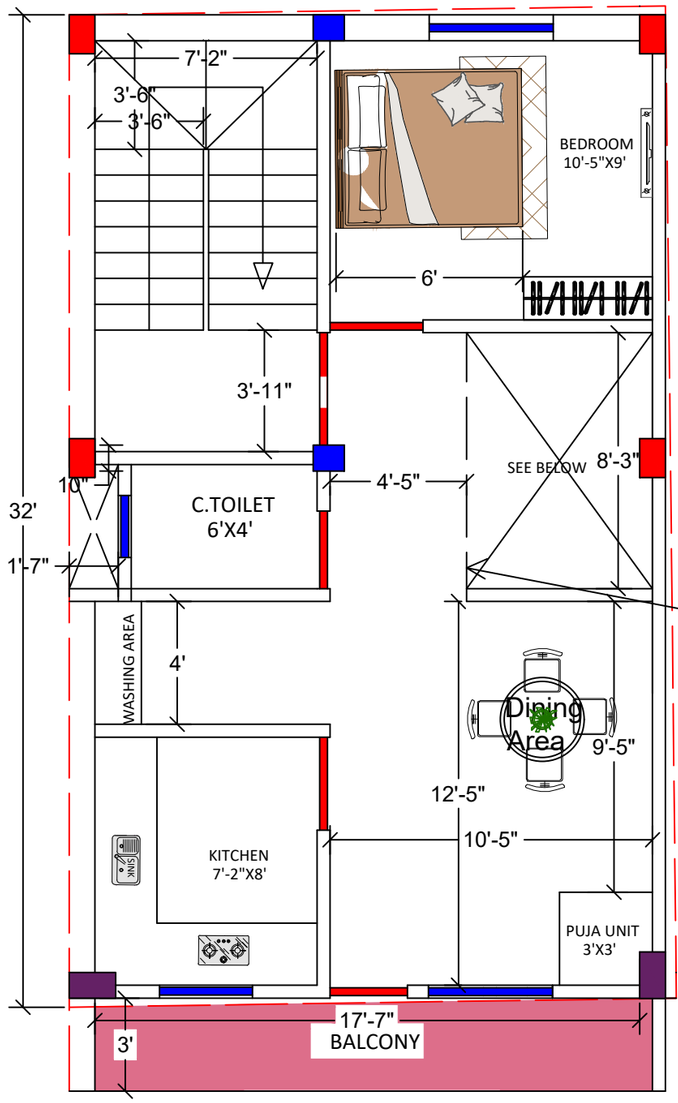
CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- GROUND FLOOR PLAN

SCALE:-	1:100	ISSUED	2.8.25
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

West



South

North

East

FIRST FLOOR

JAYPRO INFRATECH PVT.LTD.

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.
D	3'-00"	-	7'-00"	3'-00"
D1	2'-06"	-	7'-00"	3'-00"
W	4'-00"	-	4'-00"	4'-00"
W1	3'-00"	-	4'-00"	4'-00"
V	2'-00"	-	1'-06"	8'-06"

Details Of Stair:-
Celling Height :- 10'
Height Of Riser:- 7
Width Of Trade :- 10"
Width Of Stair :- 3'-6"
Width Of Landing :- 3'
Steps Of Stair :- 18

E

CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- FIRST FLOOR PLAN

SCALE:-	1:100	ISSUED	2.8.25
Plan Number:-	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

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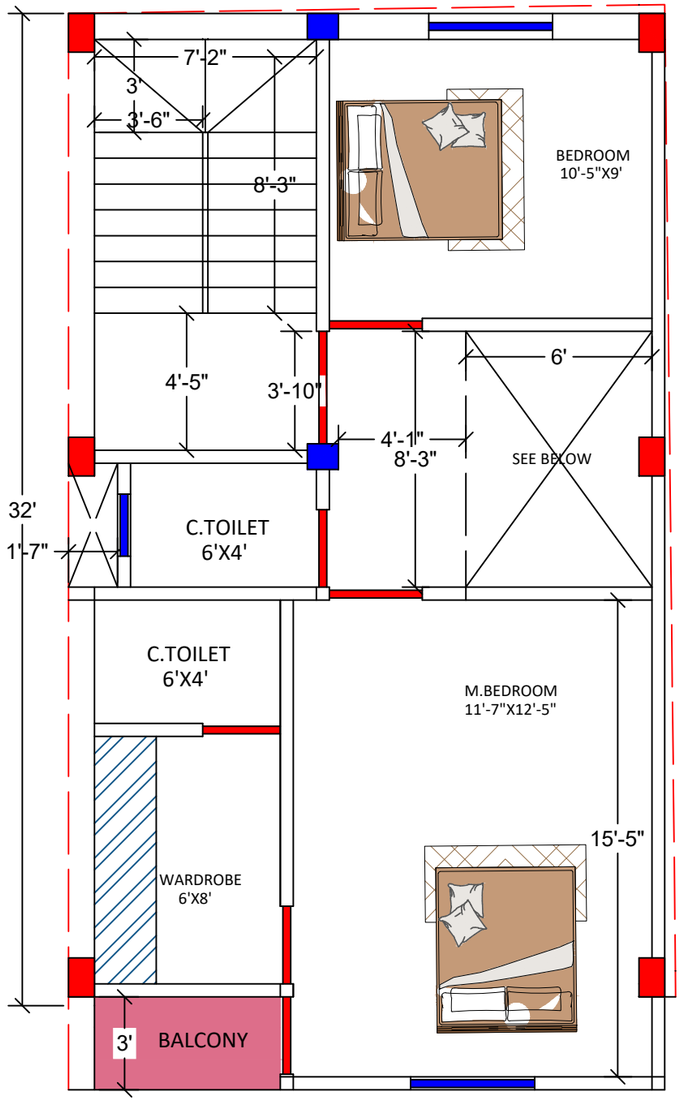
West

South



North

East

SECOND FLOOR

JAYPRO INFRATECH PVT.LTD.

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.
D	3'-00"	-	7'-00"	3'-00"
D1	2'-06"	-	7'-00"	3'-00"
W	4'-00"	-	4'-00"	4'-00"
W1	3'-00"	-	4'-00"	4'-00"
V	2'-00"	-	1'-06"	8'-06"

Details Of Stair:-
Celling Height :- 20'
Height Of Riser:- 7
Width Of Trade :- 10"
Width Of Stair :- 3'-6"
Width Of Landing :- 3'
Steps Of Stair :- 18

E

CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- FIRST FLOOR PLAN

SCALE:-	1:100	ISSUED	2.8.25
Plan Number:-	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

Jaypro Infratech Pvt.Ltd.
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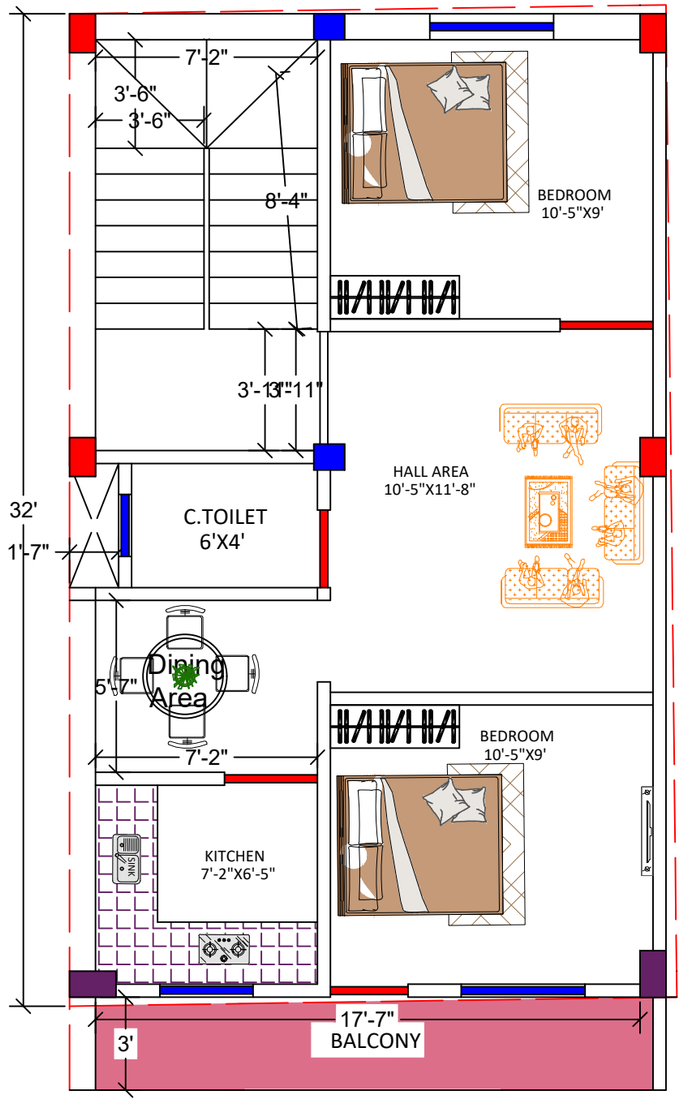
West

South



North

East

THIRD FLOOR

JAYPRO INFRATECH PVT.LTD.

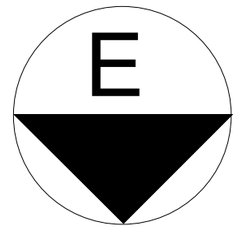
Our Services
Architecture Design
Structure Design
Interior Design
Estimating & Costing
Building Construction With Material

Outer Wall- 10"
Inner Wall- 05"

SHEDULE OF DOOR & WINDOWS

SP.	L	B	H	SILL H.
D	3'-00"	-	7'-00"	3'-00"
D1	2'-06"	-	7'-00"	3'-00"
W	4'-00"	-	4'-00"	4'-00"
W1	3'-00"	-	4'-00"	4'-00"
V	2'-00"	-	1'-06"	8'-06"

Details Of Stair:-
Celling Height :- 10'
Height Of Riser:- 7
Width Of Trade :- 10"
Width Of Stair :- 3'-6"
Width Of Landing :- 3'
Steps Of Stair :- 18

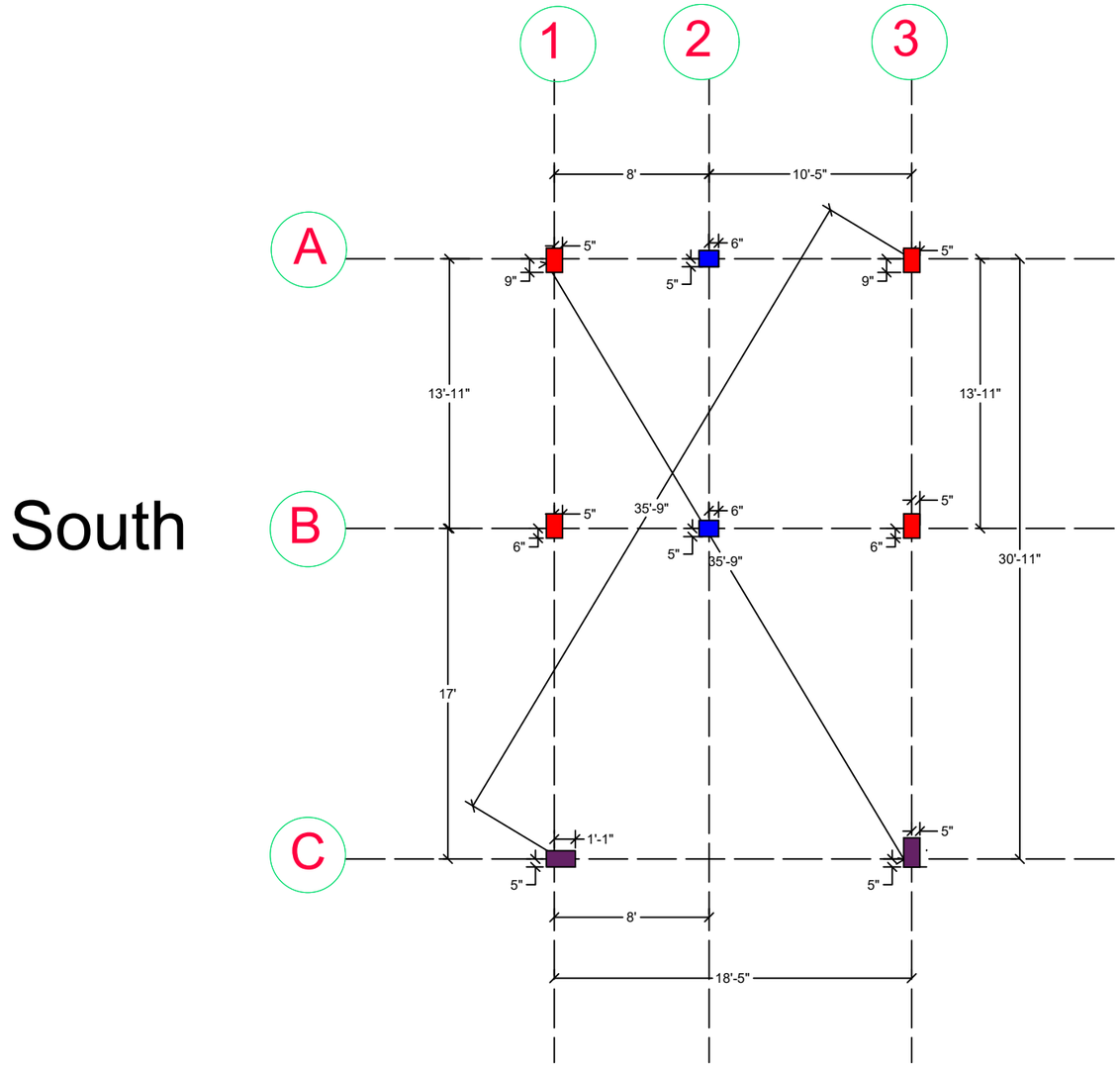


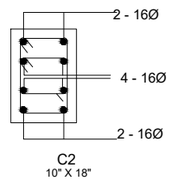
CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- THIRD FLOOR PLAN

SCALE:-	1:100	ISSUED	2.8.25
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

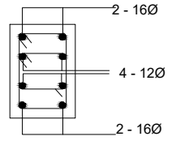




C2
10" X 18"

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

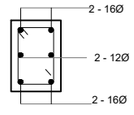
C1-(10"X18")



C2
10" X 15"

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

C1-(10"X15")



C3
10" X 12"

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

C2-(10"x12")

JAYPRO INFRATECH PVT.LTD.

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

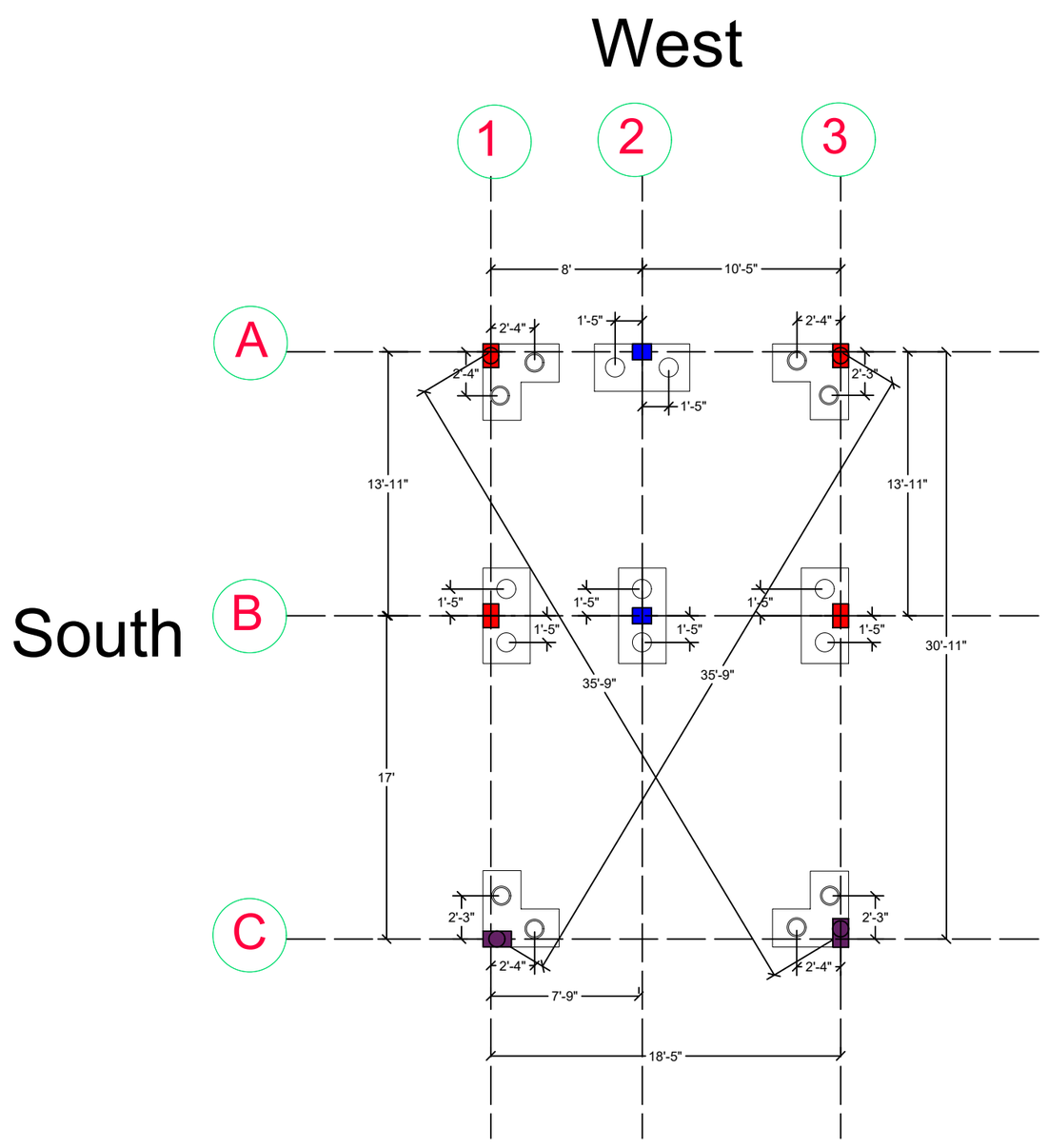
E

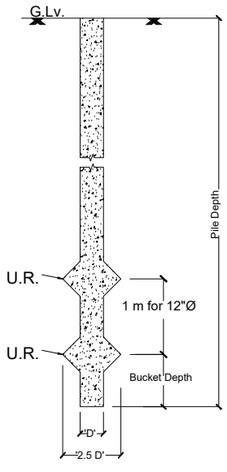
CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- Column Layout Details

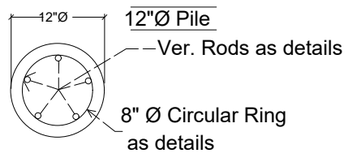
SCALE:-	1:100	ISSUED	24.07.25
Plan Number:-	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprkash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		

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

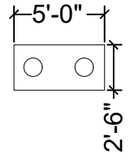




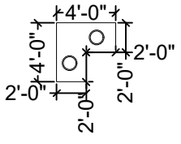
12" Ø PILE L/S



TYPICAL PILE C/S



PC1



PC2

PILE DETAILS

Pile	DIA	DEPTH	DIA OF UR	UR	STEEL	RINGS	No. of Piles
	12"	6M	30"	2	5- T12 mm	T8 mm@ 6" c/c	20

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
Pc-1	12"	5'x2'-6"	18"	T12 @ 6" c/c	T12 @ 6" c/c	T10@ 6" c/c	T10 @ 6" c/c	2- 12" Ø Pile Grp.
Pc-2	12"	4'-x-2'	18"	T12 @ 6" c/c	T12 @ 6" c/c	T10 @ 6" c/c	T10 @ 6" c/c	3- 12" Ø Pile Grp.

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.
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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.
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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:-

1. ALL CONCRETE MIX M:25 UNLESS OTHERWISE SPECIFIED.
2. ALL TOR STEEL YIELD STRENGTH 500 N/mm .
3. CLEAR COVER TO MAIN STEEL 50 MM IN PILES,40mm IN COLUMN.
4. DEPTH OF PILES SHALL BE MEASURED FROM CUT OFF LV / EXISTING G.L. WHICH EVER IS LOWER.
5. CUT - OFF LV. OF ALL PILES SHALL BE AT BOTTOM OF PILE CAP ITSELF.
6. PILE SHALL BE CASTED 300 ABOVE CUT OFF LV. THEN IT SHALL BECHIPPED OFF UPTO CUT OFF LV.
7. 500 MM LENGTH OF MAIN BAR FROM PILE EXTEND BEYOND CUT OFFLV. TO BE EMBEDED INTO PILE CAPS.
8. CENTRE OF PILE GROUP SHALL MATCH WITH CENTER OF COLUMN.

E

CLIENT :-
PRIYANSHU UPADHAYAY SIR

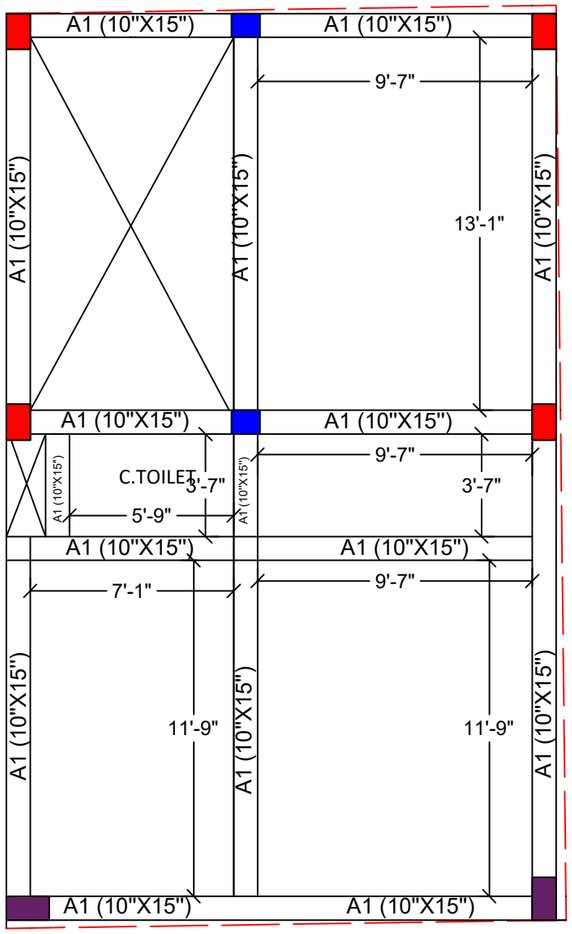
Design :-
PILE & PILE CAP DETAILS

SCALE :	1:100	Issue	24.07.2025
Plan Number	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprakash kumar		
Approved By	Jaypro infratech Pvt. Ltd.		

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

West

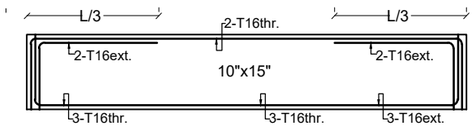
South



BALCONY

East

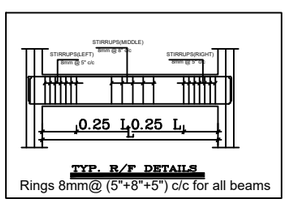
North



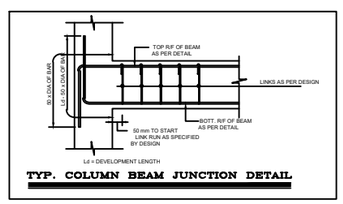
TYP. BEAM SECTION
Rings 8mm@ (5"+8"+5") c/c for all beams

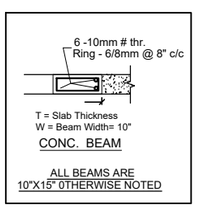
BEAM REINFORCEMENT INDEX

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
A1	10"	15"	2-T16	2-T16	3-T16	3-T16	T8@5"c/c	T8@5"c/c



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





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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.

E

CLIENT :-
PRIYANSHU UPADHAYAY SIR

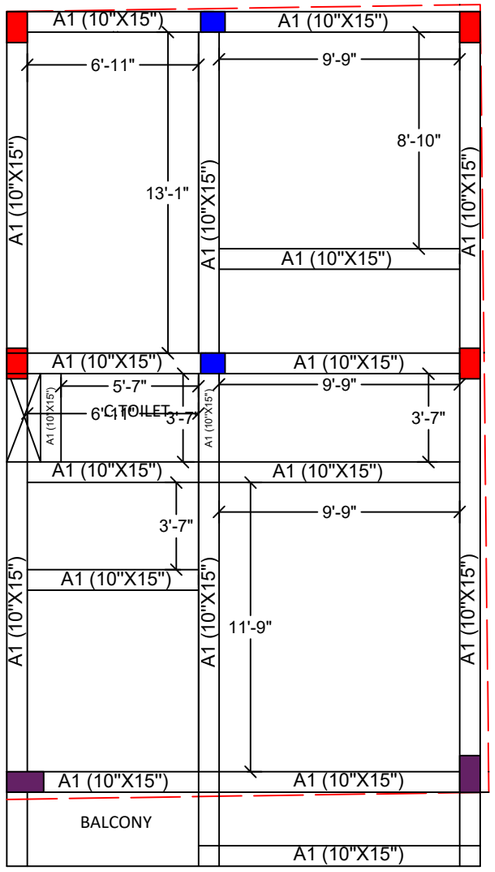
PROJECT :-
GROUND FLOOR TIE BEAM

SCALE :	1:100	ISSUED	17.10.2024
Plan Number	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprakash kumar		
Approved By	Jaypro infratech Pvt. Ltd.		

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

West

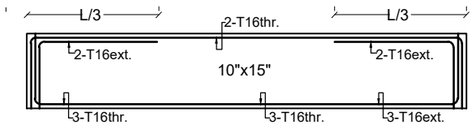
South



North

East

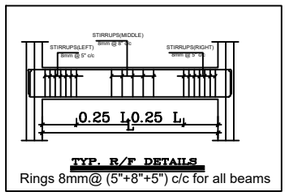
FIRST FLOOR



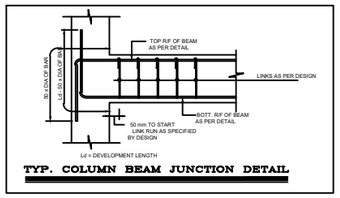
TYP. BEAM SECTION
Rings 8mm@ (5"+8"+5") c/c for all beams

BEAM REINFORCEMENT INDEX

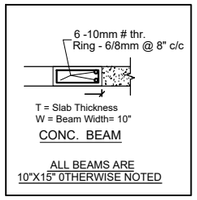
BEAM MKD	SIZE		REINFORCEMENT				STIRRUPS	
			TOP REINF.		BOT. REINF.			
	B	D	TOP.M (t1)	TOP.EXT (t2)	BOT.M (b1)	BOT.EXT (b2)	S1	S2
A1	10"	15"	2-T16	2-T16	3-T16	3-T16	T8@5"c/c	T8@5"c/c



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"X15" OTHERWISE NOTED

TECHNICAL NOTES & INSTRUCTIONS:-

1) NOTES AND INSTRUCTIONS INDICATED BELOW SHALL BE FOLLOWED WITH DUE RESPONSIBILITY BY ENGINEER IN -CHARGE DURING EXECUTION OF THE PROJECT.
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3) ALL DIMENSIONS ARE IN MM.FOLLOW WRITTEN DIMENSION ONLY.
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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.
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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.
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E

CLIENT :-

PRIYANSHU UPADHAYAY SIR

PROJECT :-

FIRST FLOOR SLAB BEAM

SCALE :	1:100	ISSUED	17.10.2024
Plan Number	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprakash 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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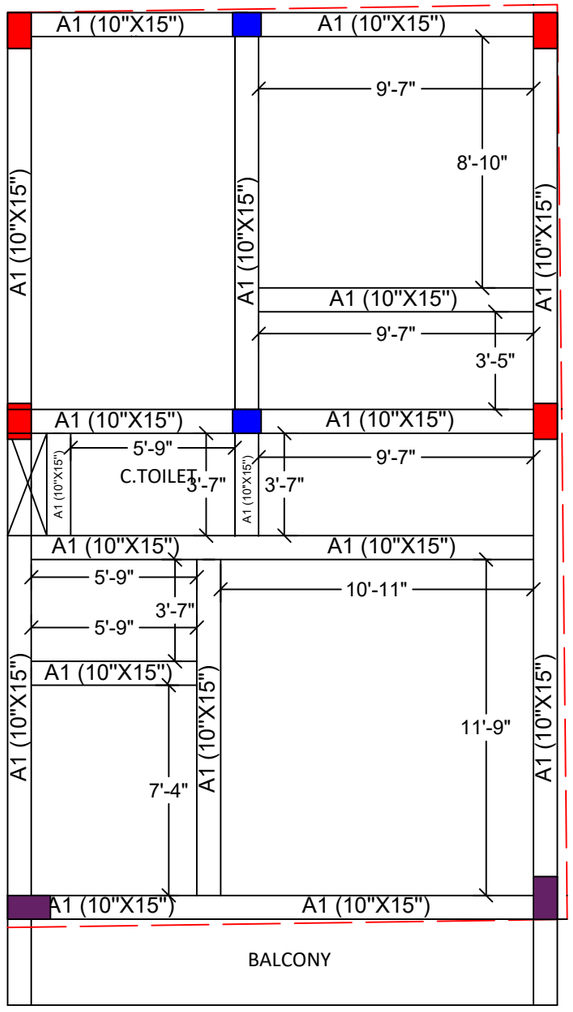
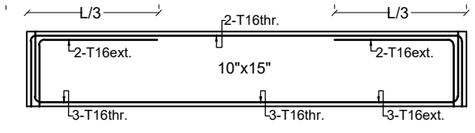
West

South



North

East



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

BEAM REINFORCEMENT INDEX

BEAM MKD	SIZE		REINFORCEMENT				STIRRUPS	
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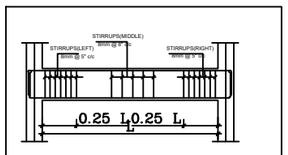
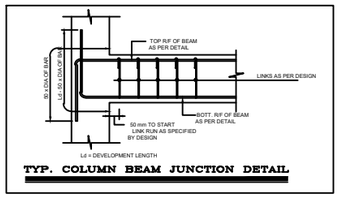
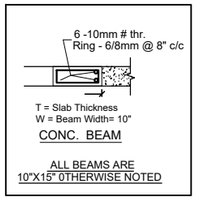


TYP. R/F DETAILS
Rings 8mm@ (5"+8"+5") c/c for all beams



TYP. COLUMN BEAM JUNCTION DETAIL



CONC. BEAM

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E

CLIENT :-
PRIYANSHU UPADHAYAY SIR

PROJECT :-
SECOND FLOOR SLAB BEAM

SCALE :	1:100	ISSUED	17.10.2024
Plan Number	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprakash 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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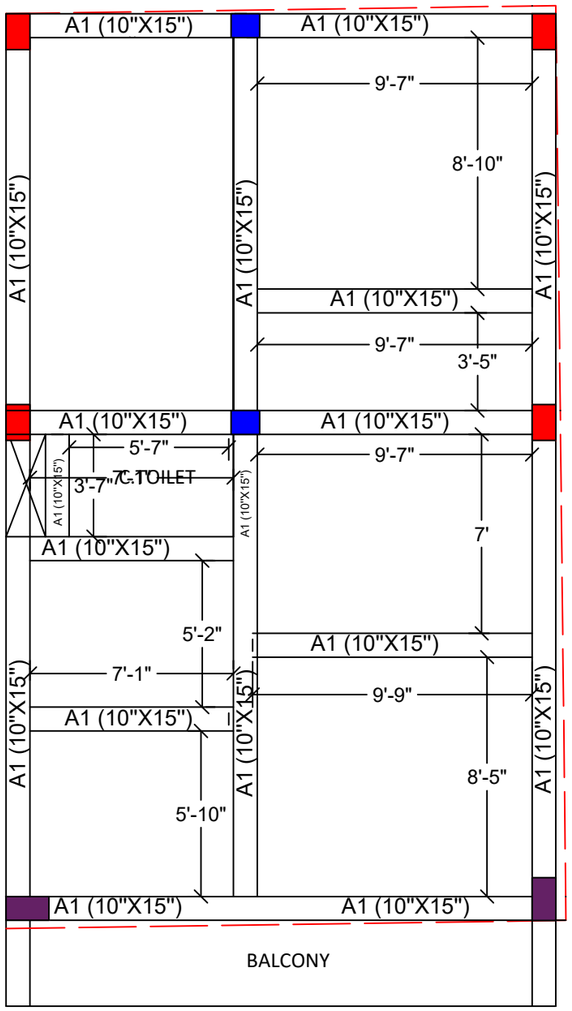
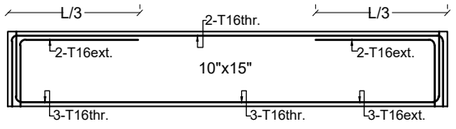
West

South



North

East



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BEAM REINFORCEMENT INDEX

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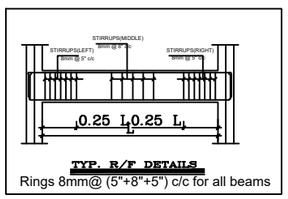

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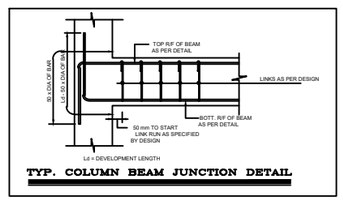
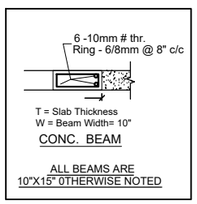


TYP. COLUMN BEAM JUNCTION DETAIL



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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 SO ASSEMBLED AS TO PROVIDE CAMBER AS FOLLOWS :-
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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.
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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.

E

CLIENT :-
PRIYANSHU UPADHAYAY SIR

PROJECT :-
THIRD FLOOR SLAB BEAM

SCALE :	1:100	ISSUED	17.10.2024
Plan Number	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprakash 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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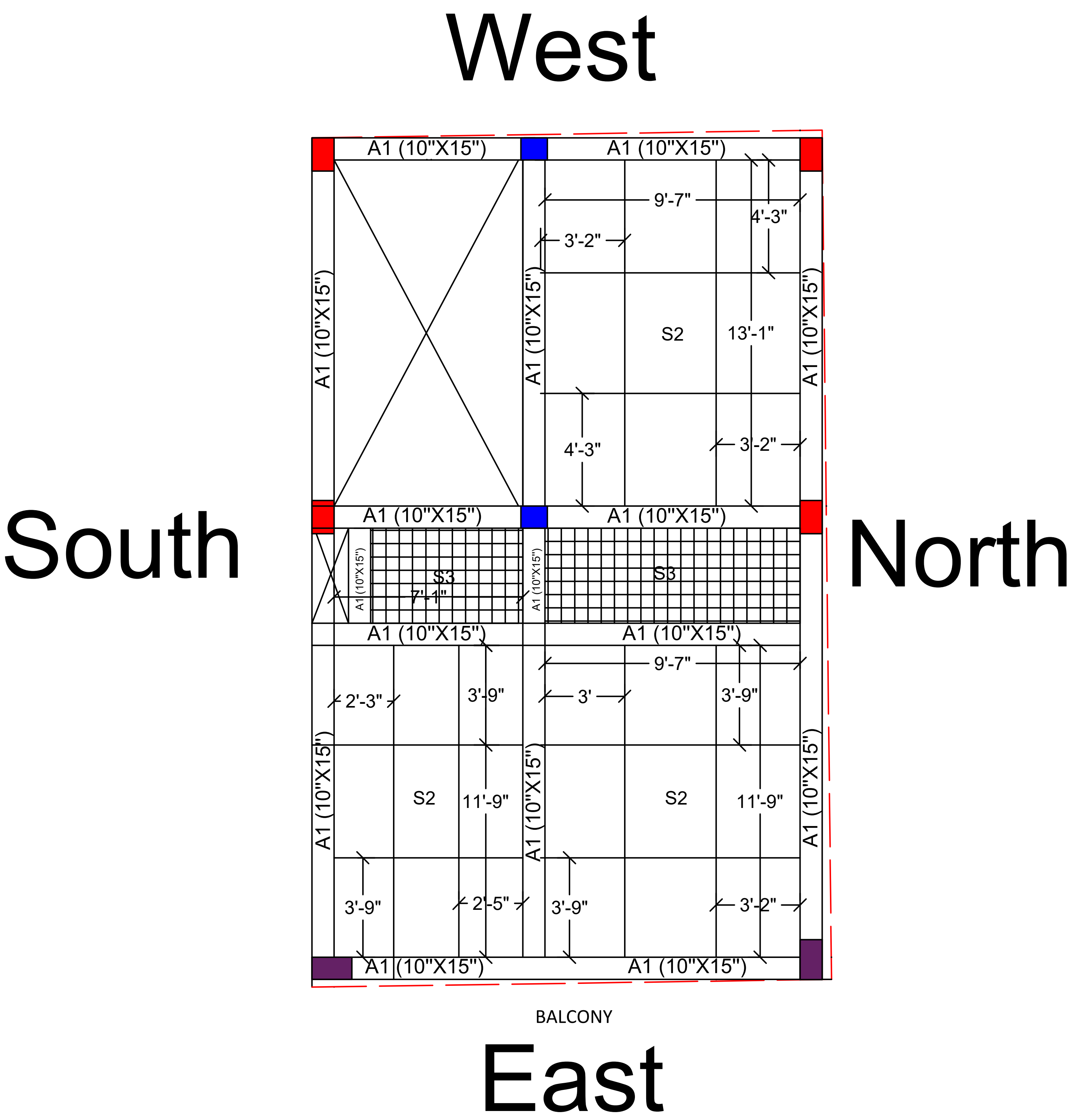

GROUND FLOOR

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
S-3	T8 mm	6" c/c	T8 mm	6" c/c	Double Lyr.

NOTES:-
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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:-

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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.
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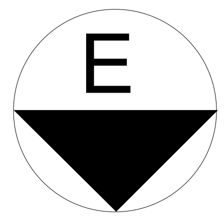
THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.



CLIENT:- PRIYANSHU UPADHAYAY SIR

PROJECT:- GROUND FLOOR SLAB REINF.. DETAIL

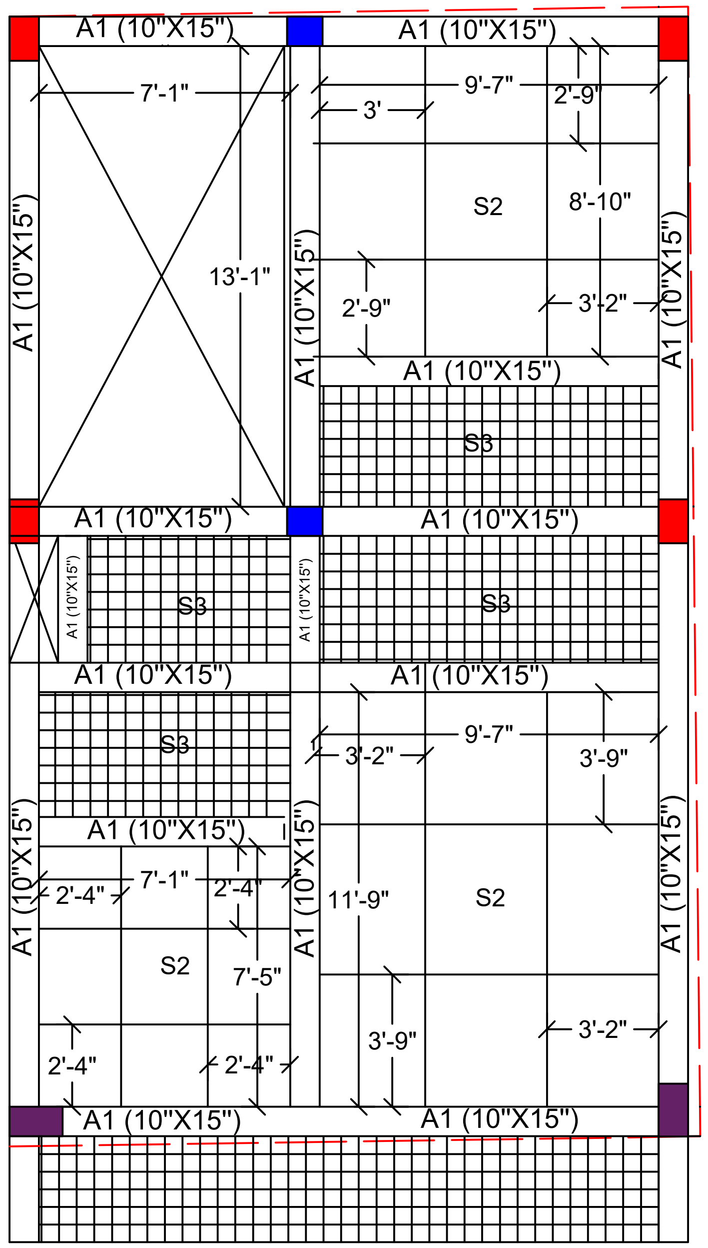
SCALE :	1:100	ISSUED	13.07.25
Plan Number	09		
Design By	Er. Kumari Neha Ranjan		
Checked By	Er. Jayprakash kumar		
Approved By	Jaypro infratech Pvt. Ltd.		

N W E S

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

West

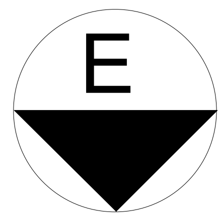
South



North

East

FIRST FLOOR



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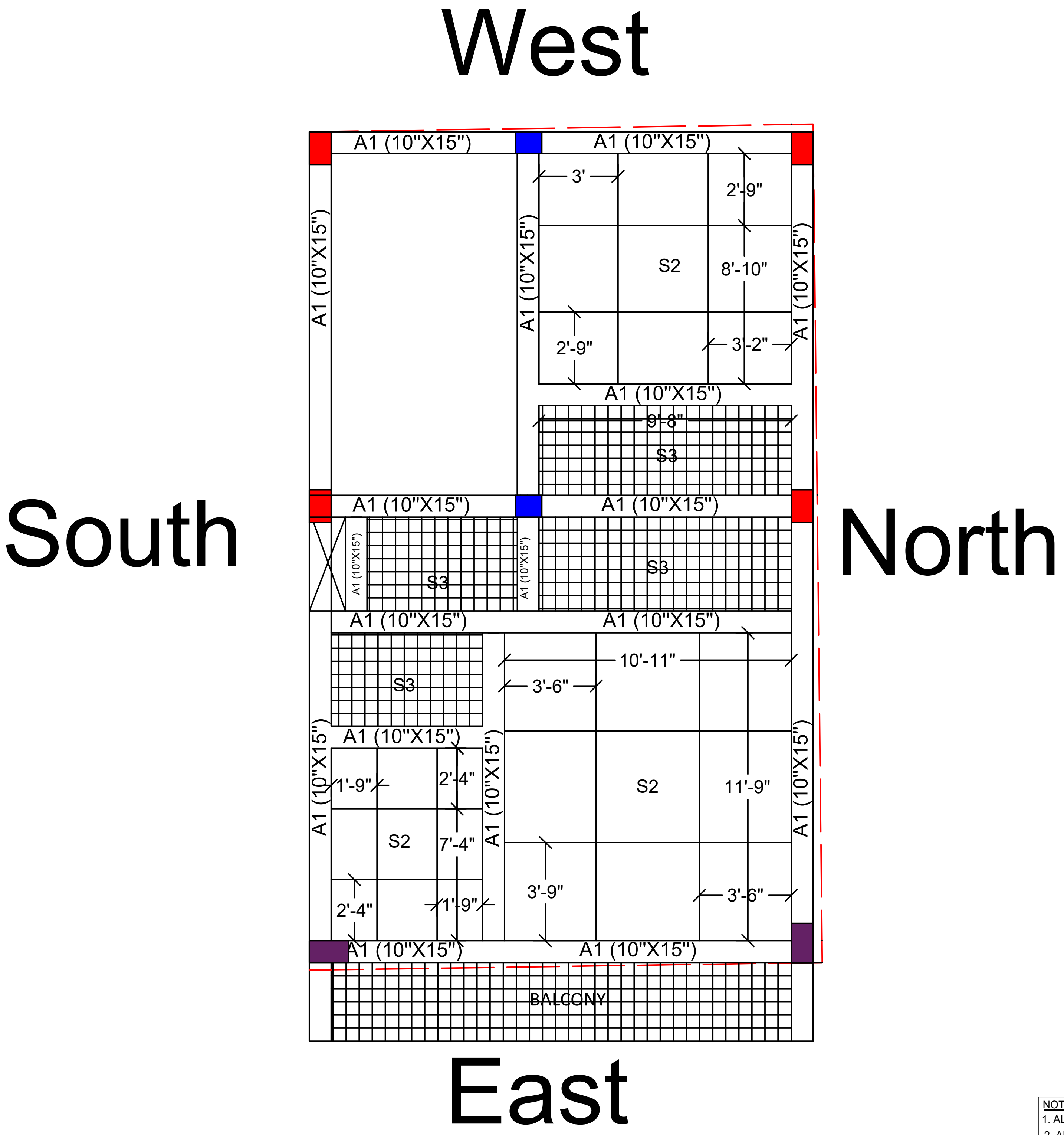
OR T INDICATES HYSD BARS OF GRADE Fe 500D
THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.

CLIENT :- PRIYANSHU UPADHAYAY 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.		

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



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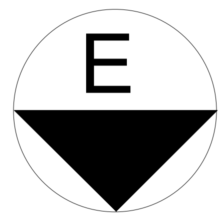
ALL DESIGN MIX CONCRETE OF GRADE M 25 HAVING MINIMUM CEMENT CONTENT 300 kg/m, Max. W/C = 0.5 FOR COARSE AGGREGATE 20 mm SIZE.CASTING SHOULD BE DONE AS PER MIX DESIGN

OR T INDICATES HYSD BARS OF GRADE Fe 500D

THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.



CLIENT:- PRIYANSHU UPADHAYAY SIR

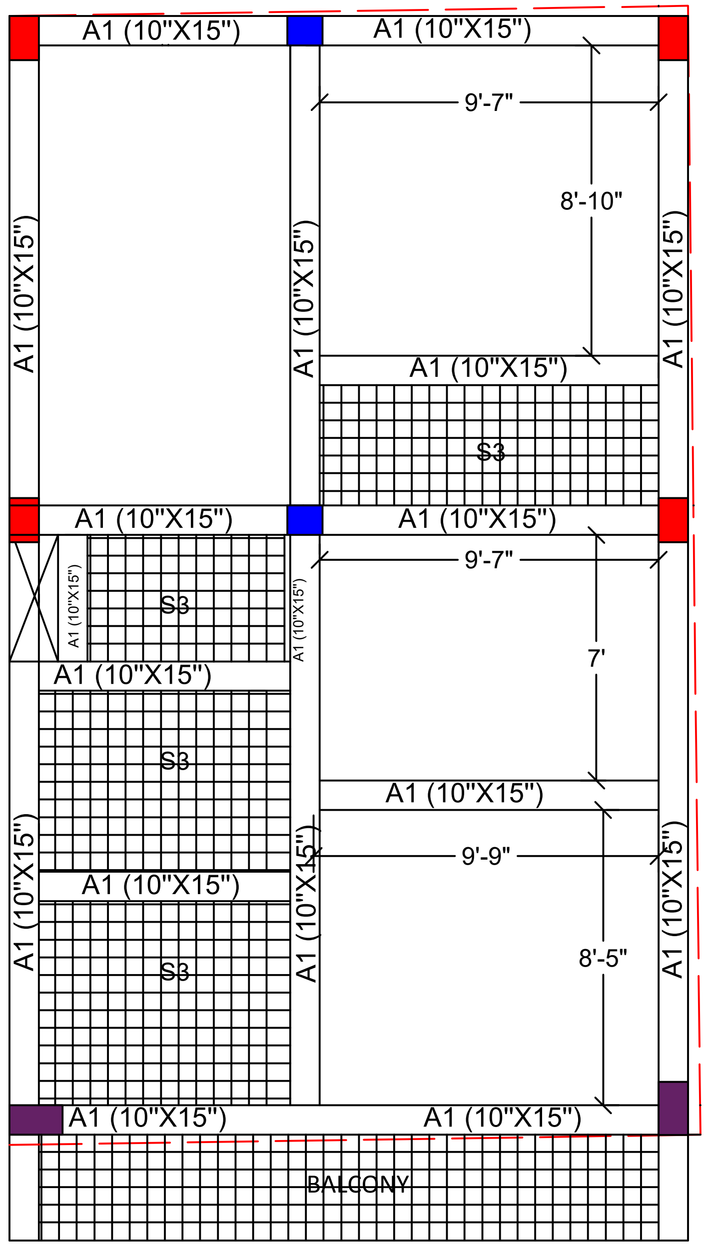
PROJECT:- SECOND FLOOR SLAB REINF.. DETAIL

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

West

South



North

East

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
S-3	T8 mm	6" c/c	T8 mm	6" c/c	Double Lyr.

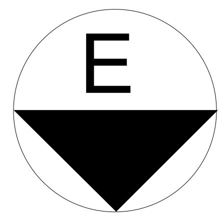
NOTES:-

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. 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 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 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 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

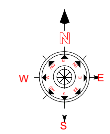
OR T INDICATES HYSD BARS OF GRADE Fe 500D
THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.



CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- THIRD 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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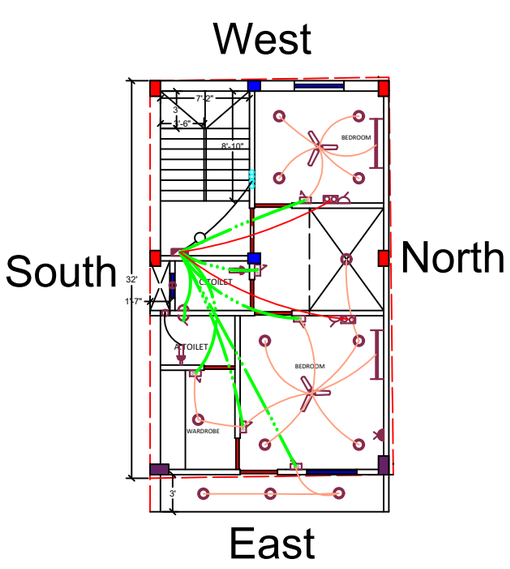
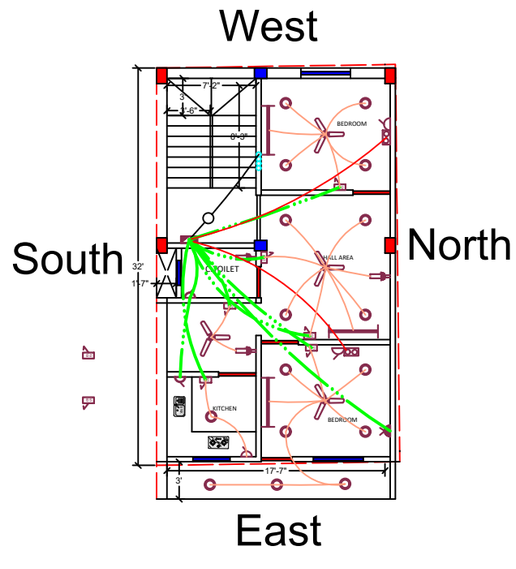
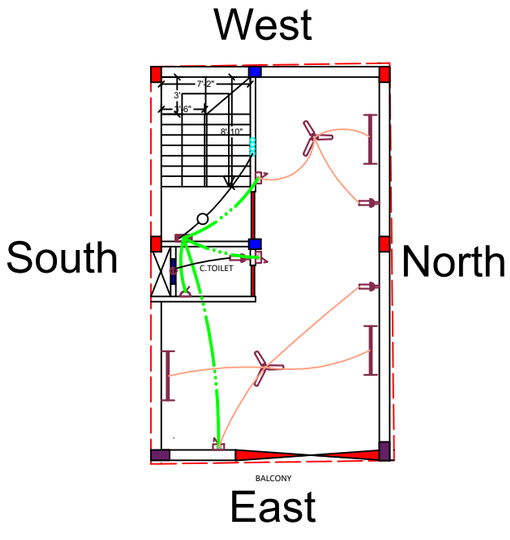


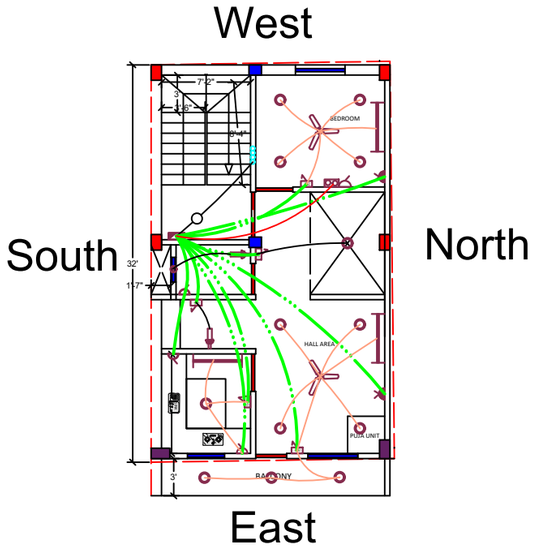
SECOND FLOOR



THIRD FLOOR



GROUND FLOOR



FIRST FLOOR

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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
SB	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	

E

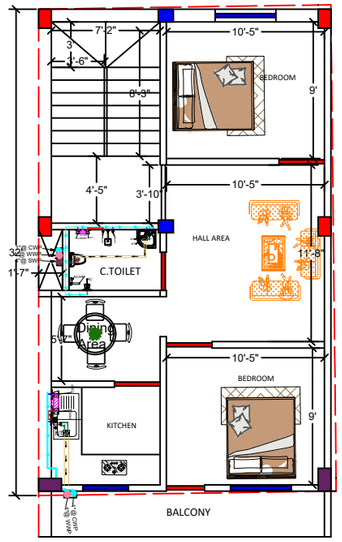
CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- Electric design

SCALE:-	1:100	ISSUED	20.08.25
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

West

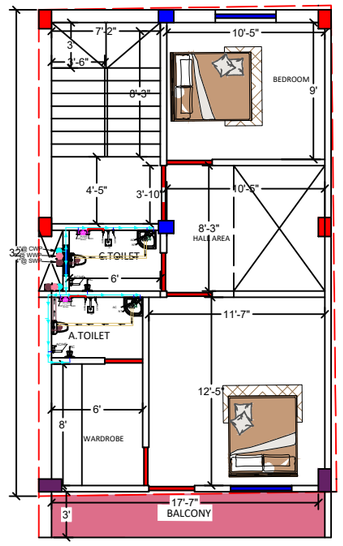


South North

East

THIRD FLOOR

West

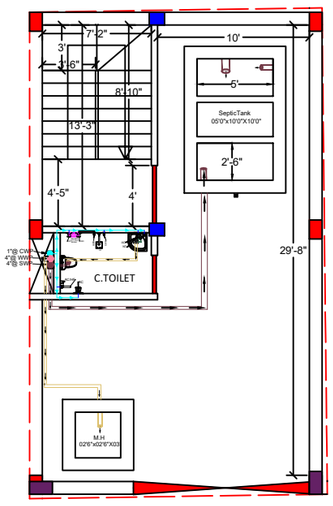


South North

East

SECOND FLOOR

West

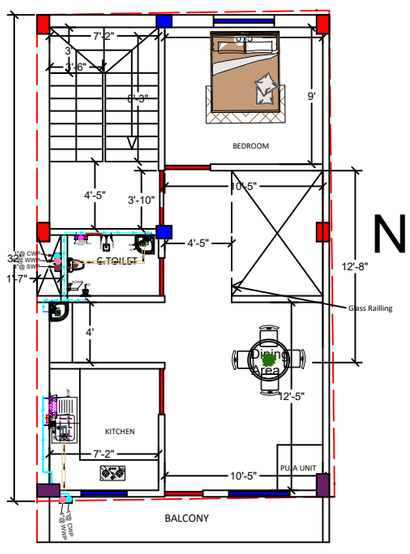


South North

East

GROUND FLOOR

West



South North

East

FIRST FLOOR

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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

E

CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- Floor Plan plimbing design

SCALE:-	1:100	ISSUED	20.08.25
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