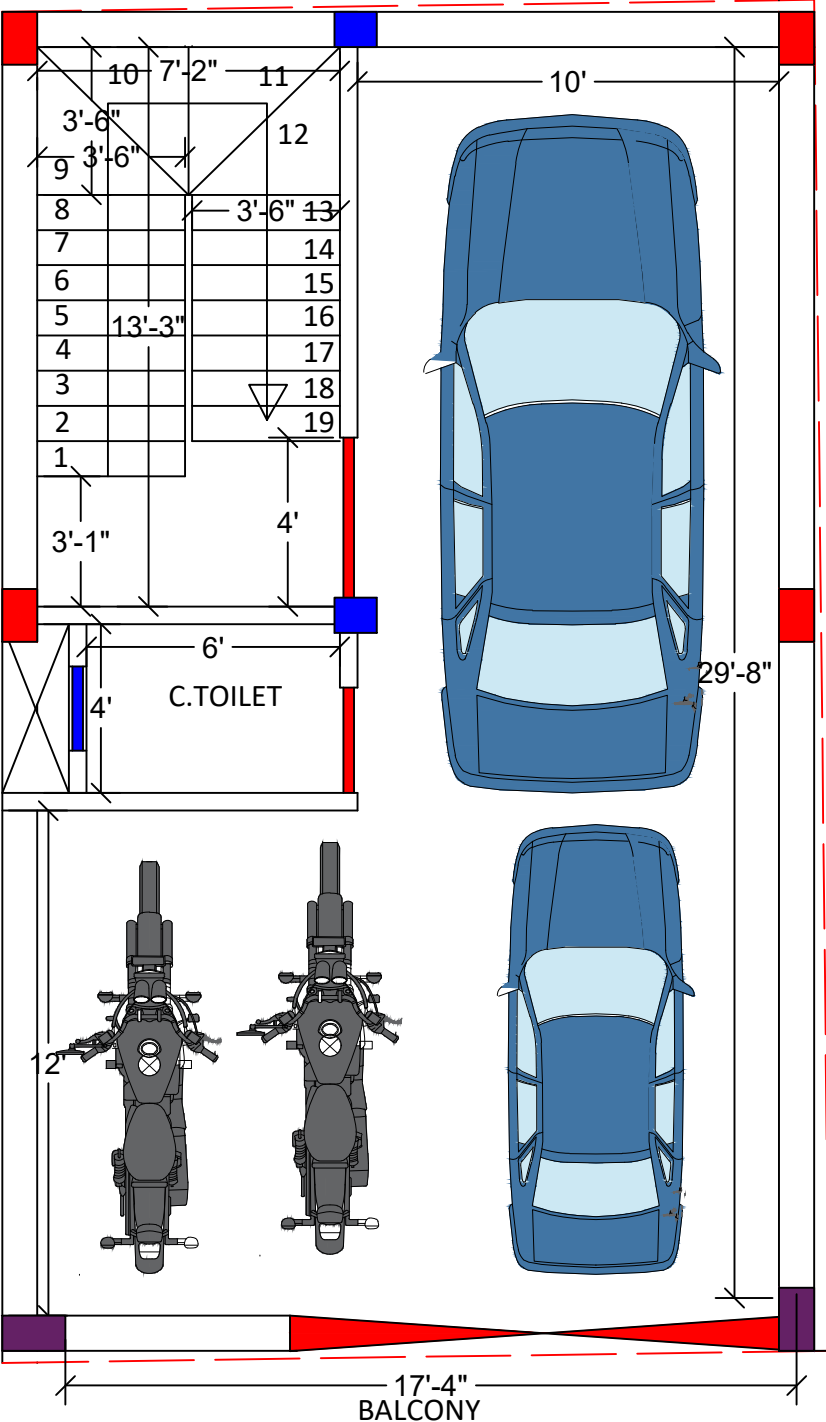


West



East

GROUND FLOOR

South

North

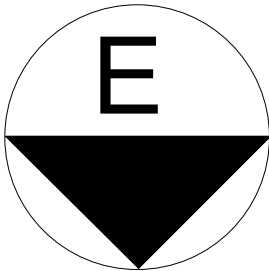
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- Our Services**
- Architecture Design
 - Structure Design
 - Interior Design
 - Estimating & Costing
 - Building Construction With Material

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



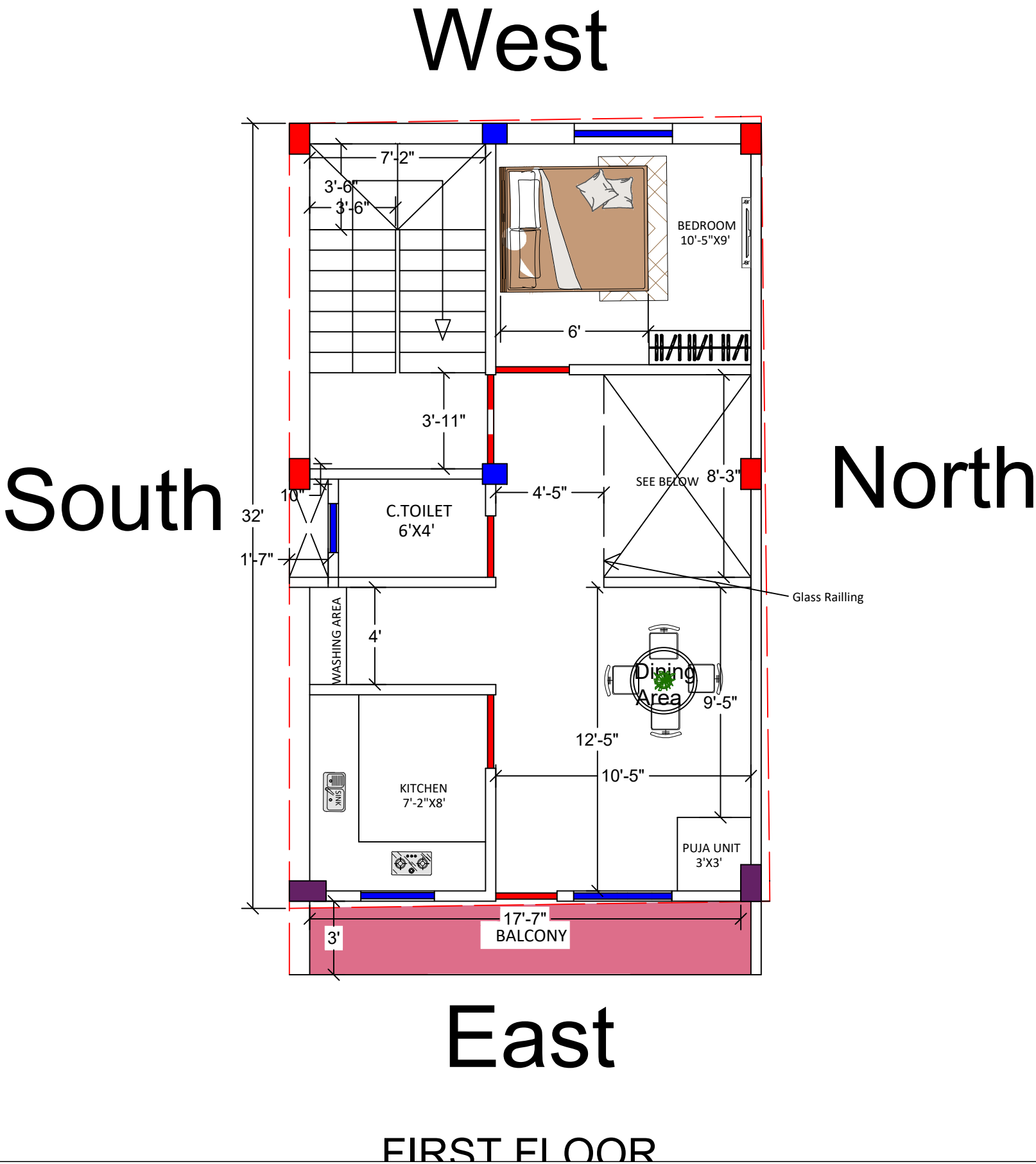
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CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- GROUND FLOOR PLAN

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

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



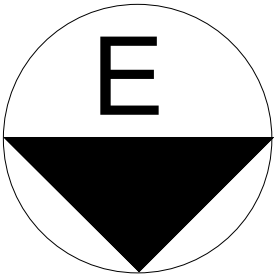
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 - Interior Design
 - Estimating & Costing
 - Building Construction With Material

Outer Wall- 10"
Inner Wall- 05"

SCHEDULE 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



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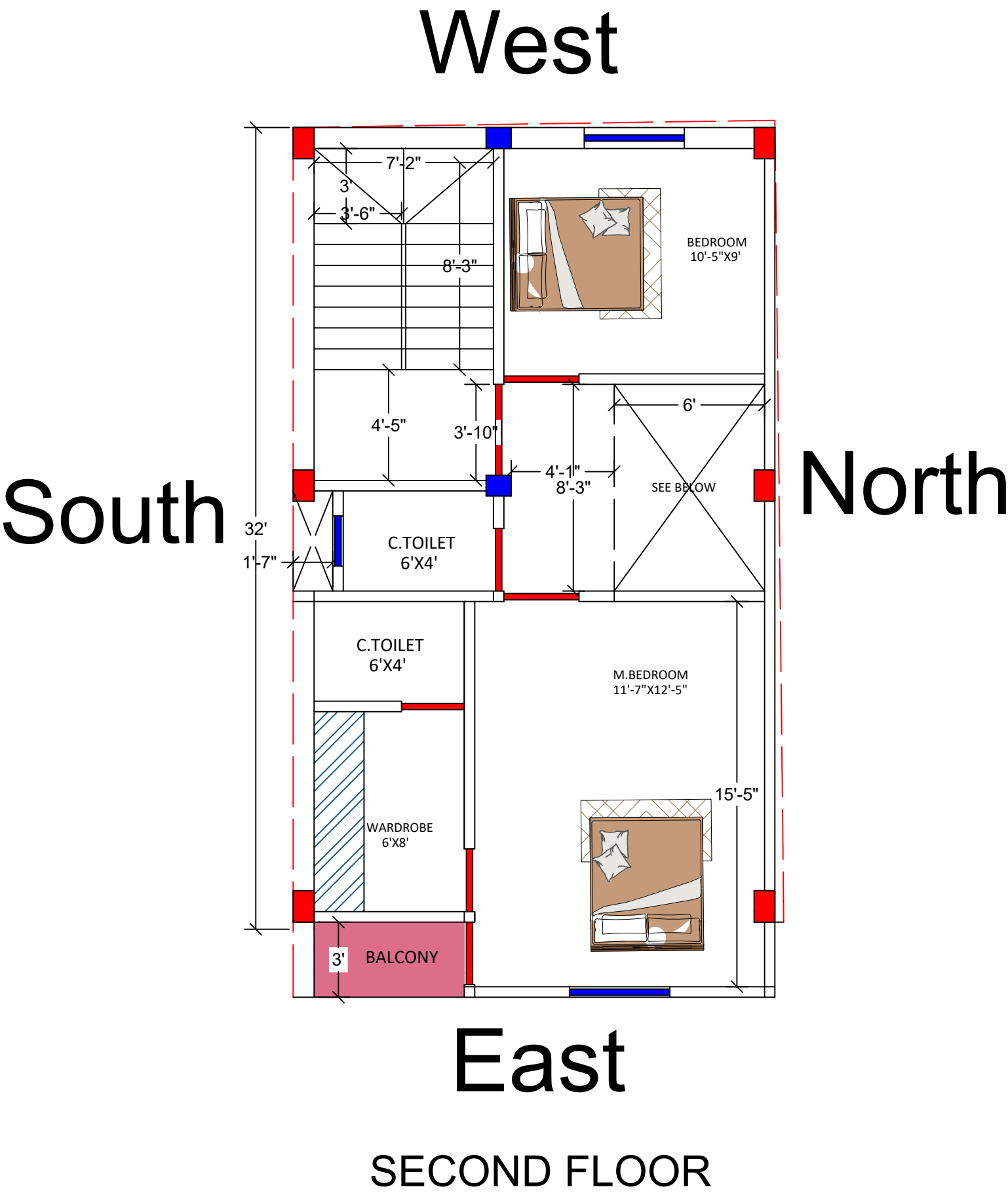
CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- FIRST FLOOR PLAN

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

Jaypro Infratech Pvt.Ltd.

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



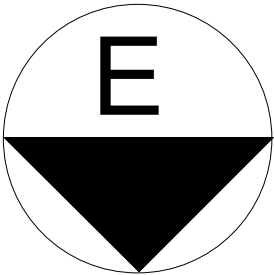
JAYPRO INFRATECH PVT.LTD.

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

Outer Wall- 10"		
Inner Wall- 05"		

SCHEDULE 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



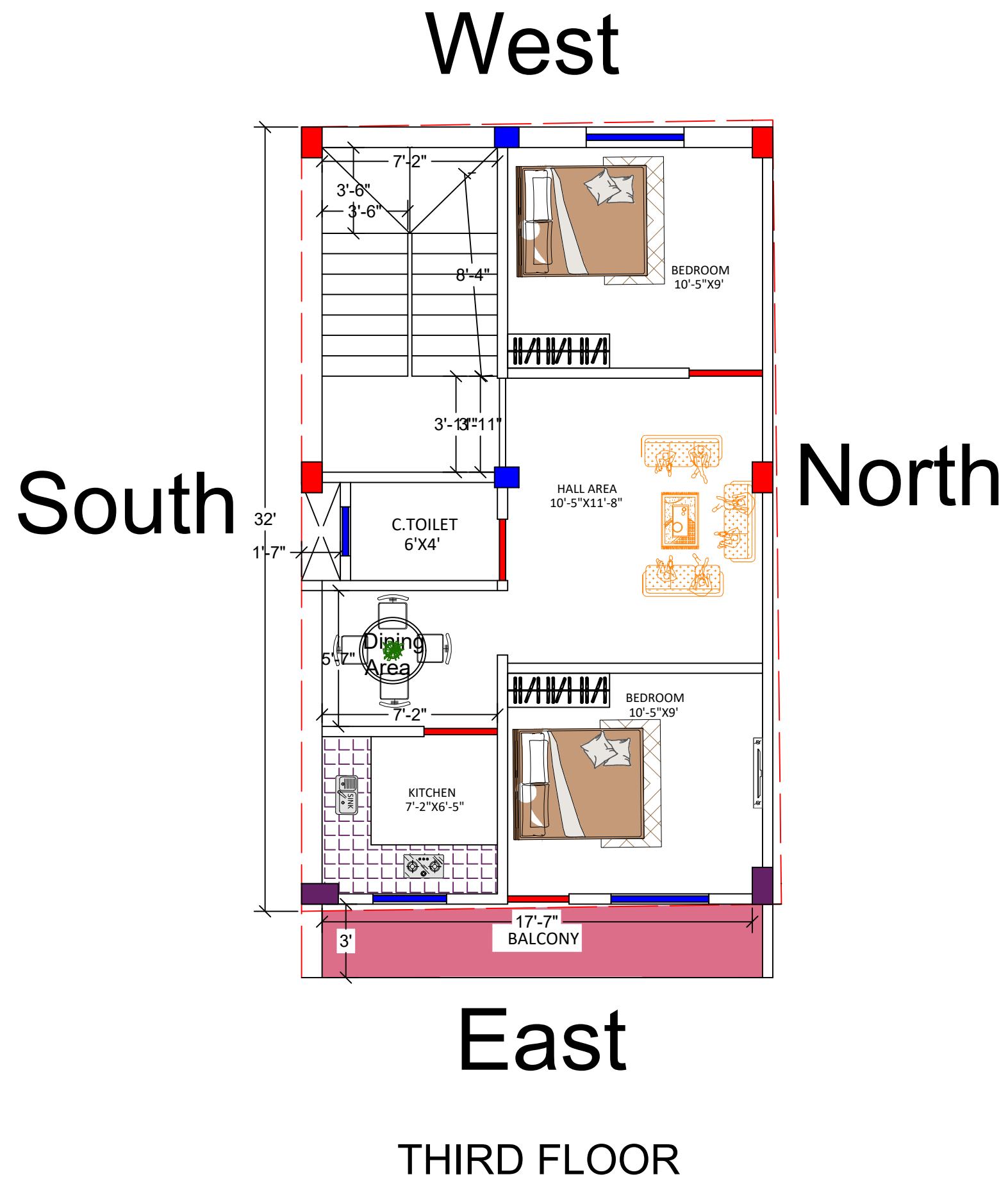
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CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- FIRST FLOOR PLAN

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

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



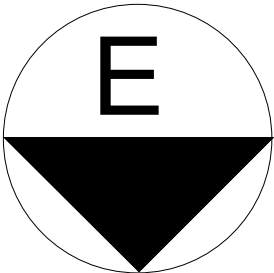
JAYPRO INFRATECH PVT.LTD.

- 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



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CLIENT :- PRIYANSHU UPADHAYAY SIR

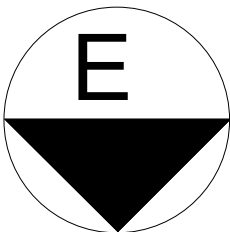
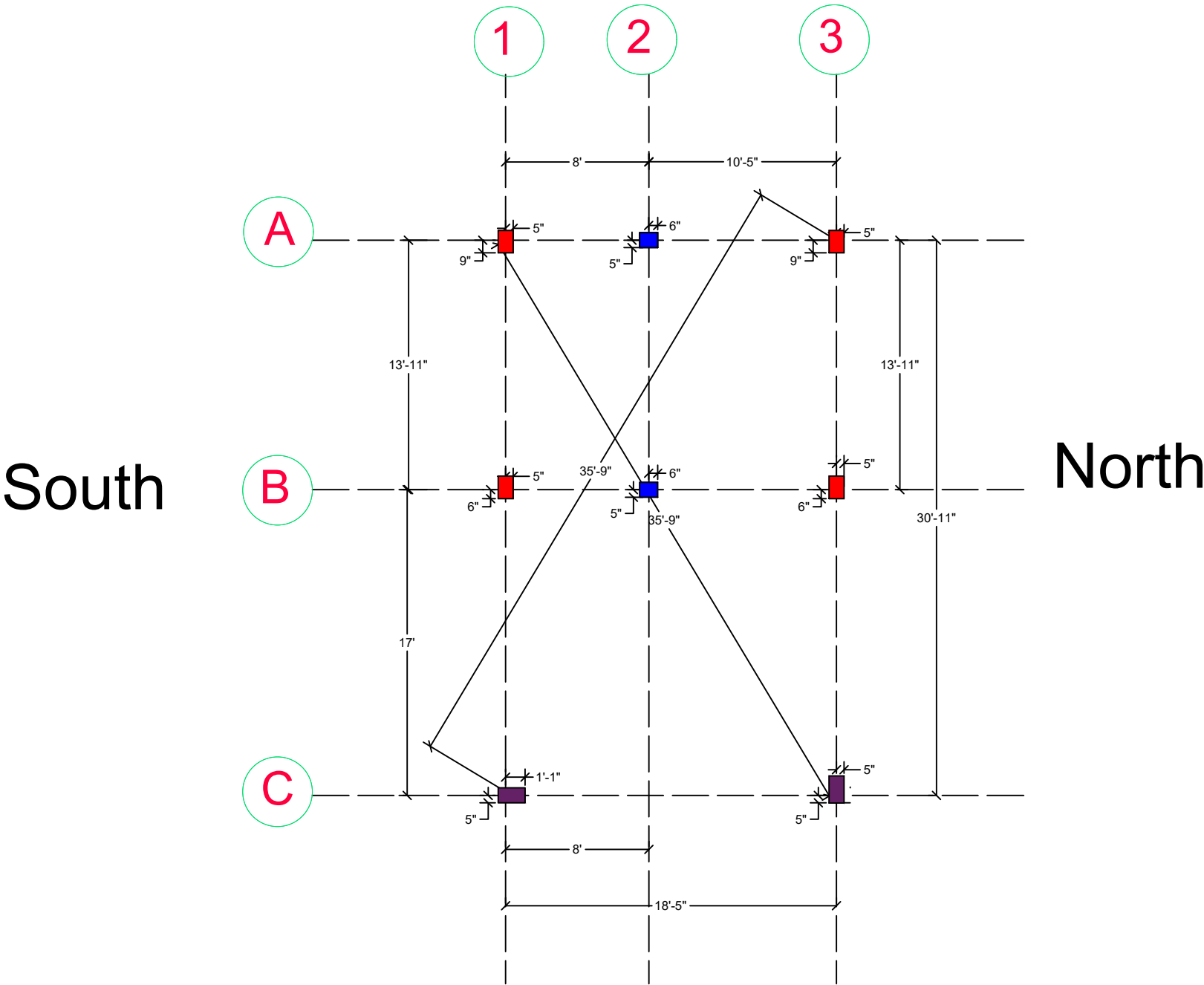
PROJECT :- THIRD FLOOR PLAN

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

Jaypro Infratech Pvt.Ltd.

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

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

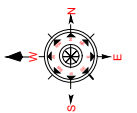


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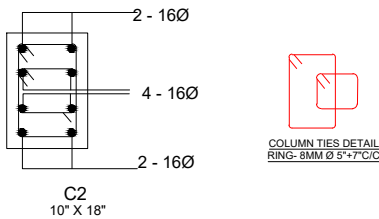
CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- Column Layout Details

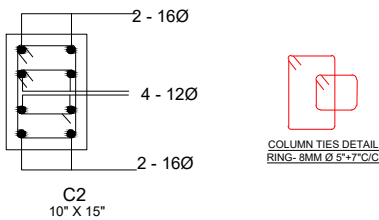
SCALE:-	1:100	ISSUED	24.07.25
Plan Number:-	01		
Design By	Ar. Soni Kumari		
Checked By	Er. Jayprakash Kumar		
Approved By	Jaypro Infratech Pvt.Ltd.		



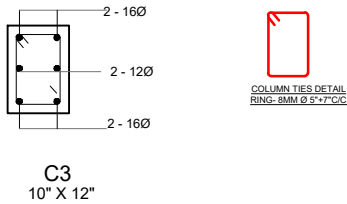
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Office Address: 1st Floor, Pandooi Place, Boring Road, Patna- 80001



C1-(10"X18")



C1-(10"X15")



C2-(10"x12")

South

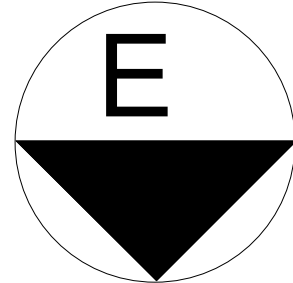
West

North

East

- TECHNICAL NOTES & INSTRUCTIONS:-
- NOTES AND INSTRUCTIONS INDICATED BELOW SHALL BE FOLLOWED WITH DUE RESPONSIBILITY BY ENGINEER IN-CHARGE DURING EXECUTION OF THE PROJECT.
 - THE ENGINEER IN-CHARGE SHALL STUDY 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.
 - ONLY STEEL SHUTTERING / CENTERING SHALL BE USED AT WORK SITE FOR CONSTRUCTION OF R.C.C. FRAMED BUILDING.
 - 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.
 - THE CRUSHING STRENGTH OF CUBES PREPARED WITH CONC. MIX AT WORK SITE SHALL CONFORM THE ACCEPTANCE CRITERIA AS MENTIONED IN I.S. 456: 2000.
 - 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.
 - COVER BLOCK SHALL BE PROPERLY TIED WITH THE REINFORCEMENT FOR FIXITY DURING
 - 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.
 - 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.
 - ALL CONCRETE SHALL BE MACHINE MIXED AND PROPERLY COMPACTED BY VIBRATOR.
 - NOMINAL COVER I.E. CLEAR CONCRETE COVER TO ALL REINFORCEMENTS INCLUDING LINGS FOR FOUNDATION = 50. PILE CAP = 75. COLUMN = 40. BEAM = 30 AND SLAB = 25mm SHALL BE PROVIDED.
 - PROPER CURING OF R.C.C. SLAB / COLUMN / FOUNDATION / B/W PLASTER ETC. SHALL BE
 - PROPER ARRANGEMENT FOR SOAKING OF BRICKS SHALL BE ENSURED BY FIELD ENGRS.
 - BEFORE PLACING OF REINFORCEMENT POLYTHENE SHEET SHALL DE SPREAD OVER SHUTTERING TO PREVENT CEMENT SLURRY FROM CONC. MIX.
 - BEFORE CASTING REINFORCEMENT PLACED SHALL BE DULY MEASURED BY ENGR INCHARGE.
 - LD+ EFFECTIVE DEVELOP. LENGTH CONSIDERING TENSION 48X BAR DIA.
 - LD+ EFFECTIVE DEVELOP. LENGTH CONSIDERING COMPRESSION 38X BAR DIA.
 - 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 IT 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.
 - 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.
 - ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 - GRID LINE SHOWS CL OF WALLS.
 - THE FORM WORK FOR (SPAN < 4M) BEAMS & SLAB SHALL BE SO ASSEMBLED AS TO PROVIDE CAMBER AS FOLLOWS:-
 - CAMBER FOR NORMAL BEAMS SHALL BE 1 IN 250 OF THE SPAN OR 4MM PER METER OF SPAN AT THE CENTRAL POINT
 - FOR CANTILEVER BEAMS SLAB CAMBER AT THE FREE END SHALL BE SPAN / 50 OF THE PROJECTED LENGTH.
 - BEFORE R.C.C. CASTING OF BEAMS/SLAB FORM WORK SHALL BE CHECKED PROPERLY TO AVOID ANY DEFLECTION.
 - 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.
 - IN FRAME STRUCTURE ALL EXTERNAL & STAIR WALL SHALL BE 10" THICK AND INTERNAL WALL SHALL BE 8" THICK EXCEPT MENTIONED.
 - 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.
 - 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/m³. 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 300D.
 - THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.

- NOTES:-
- ALL CONCRETE MIX M:25 UNLESS OTHERWISE SPECIFIED.
 - ALL TOR STEEL YIELD STRENGTH 500 N/mm².
 - CLEAR COVER TO MAIN STEEL 50 MM IN PILES, 40mm IN COLUMN.
 - DEPTH OF PILES SHALL BE MEASURED FROM CUT OFF LV / EXISTING G.L. WHICH EVER IS LOWER.
 - CUT - OFF LV. OF ALL PILES SHALL BE AT BOTTOM OF PILE CAP ITSELF.
 - PILE SHALL BE CASTED 300 ABOVE CUT OFF LV. BECHIPPED OFF UPTO CUT OFF LV.
 - 500 MM LENGTH OF MAIN BAR FROM PILE EXTEND BEYOND CUT OFF LV. TO BE EMBEDDED INTO PILE CAPS.
 - CENTRE OF PILE GROUP SHALL MATCH WITH CENTER OF COLUMN.



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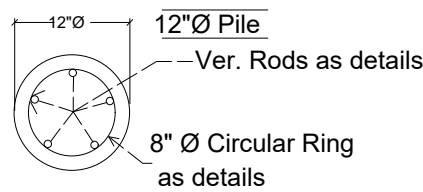
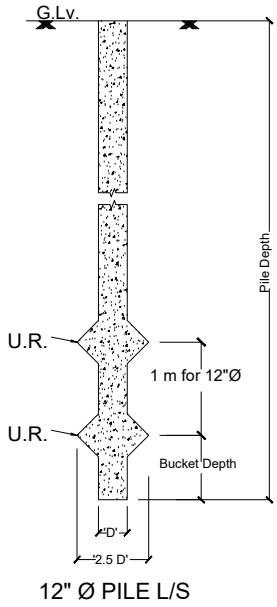
CLIENT :-
PRIYANSHU UPADHAYAY SIR

Design :-
PILE & PILE CAP DETAILS

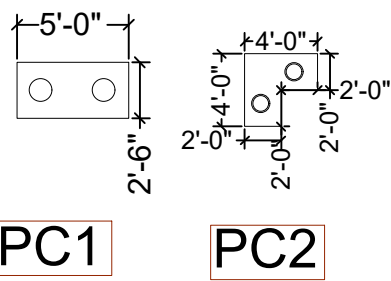
SCALE: 1:100
Plan Number 01
Issue 24.07.2025

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



TYPICAL PILE C/S



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)		(Top Layer Mat-Inverted)		Pile Group
				Main Steel (b ') (Lower Level)	Dist. Steel (t ') (Upper Level)	Main Steel (b ') (Upper Level)	Dist. Steel (t ') (Lower Level)	
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'x2'	18"	T12 @ 6" c/c	T12 @ 6" c/c	T10 @ 6" c/c	T10 @ 6" c/c	3- 12" Ø Pile Grp.

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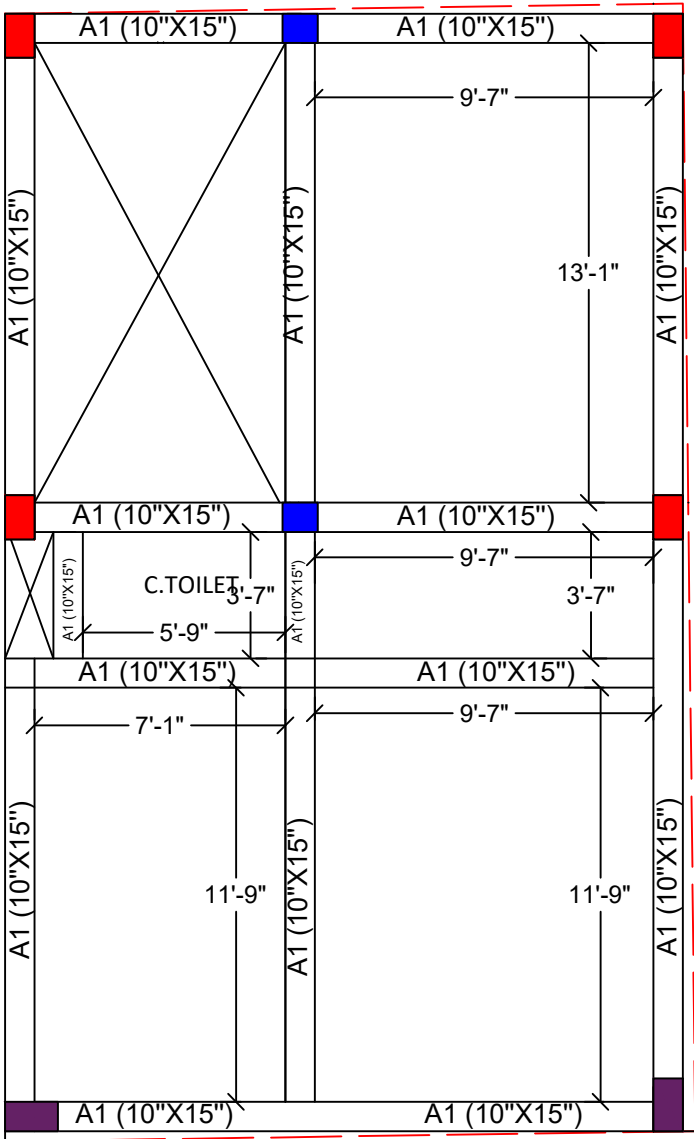
E-mail id: info@jayproinfratech.com, www.jayproinfratech.com, Call Now: 9835852462,7277008312,

West

South

North

East



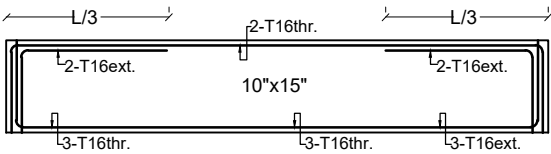
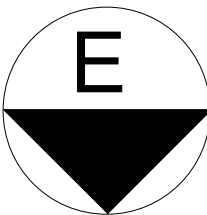
BALCONY

TECHNICAL NOTES & INSTRUCTIONS:-

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- 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.
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- THE CRUSHING STRENGTH OF CUBES PREPARED WITH CONC. MIX AT WORK SITE SHALL CONFORM THE ACCEPTANCE CRITERIA AS MENTIONED IN IS: 456: 2000.
- 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.
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- ALL CONCRETE SHALL BE MACHINE MIXED AND PROPERLY COMPACTED BY VIBRATOR.
- 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. SHALL BE PROVIDED.
- PROPER CURING OF R.C.C. SLAB / COLUMN / FOUNDATION / B/W PLASTER ETC. SHALL BE ENSURED.
- PROPER ARRANGEMENT FOR SOAKING OF BRICKS SHALL BE ENSURED BY FIELD ENGRS.
- BEFORE PLACING OF REINFORCEMENT POLYTHENE SHEET SHALL DE SPREAD OVER SHUTTERING TO PREVENT CEMENT SLURRY FROM CONC. MIX.
- BEFORE CASTING REINFORCEMENT PLACED SHALL BE ONLY MEASURED BY ENGR INCHARGE.
- LD% EFFECTIVE DEVELOP. LENGTH CONSIDERING TENSION 48X BAR DIA.
- LD% = EFFECTIVE DEVELOP. LENGTH CONSIDERING COMPRESSION 38X BAR DIA.
- 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 100 AND 30 TIMES DIA OF BAR WHICH IS GREATER.
- 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.
- ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
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- THE FORM WORK FOR (SPAN+4M) BEAMS & SLAB SHALL BE SO ASSEMBLED AS TO PROVIDE CAMBER AS FOLLOWS:-
- CAMBER FOR NORMAL BEAMS SHALL BE 1 IN 250 OF THE SPAN OR 4MM PER METER OF SPAN AT THE CENTRAL POINT.
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- BEFORE R.C.C. CASTING OF BEAMS/SLAB FORM WORK SHALL BE CHECKED PROPERLY TO AVOID ANY DEFLECTION.
- 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.
- IN FRAME STRUCTURE ALL EXTERNAL STAIR WALL SHALL BE 10\"/>

NOTES:-2

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

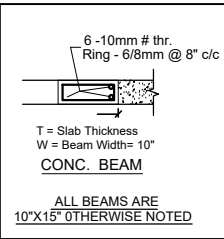
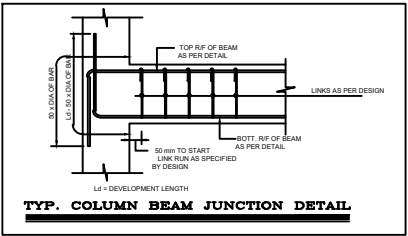
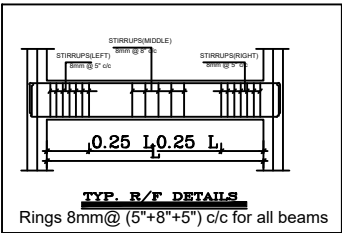


TYP. BEAM SECTION

Rings 8mm@ (5\"/>

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



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CLIENT :-

PRIYANSHU UPADHAYAY SIR

PROJECT :-

GROUND FLOOR TIE BEAM

SCALE: 1:100

Plan Number 01

DATE 17.10.2024

Design By Ar. Sori Kumar

Checked By Er. Jayprakash kumar

Approved By Jaypro infratech Pvt. Ltd.



JAYPRO INFRATECH PVT. LTD.

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Place, Boring Road, Patna- 80001

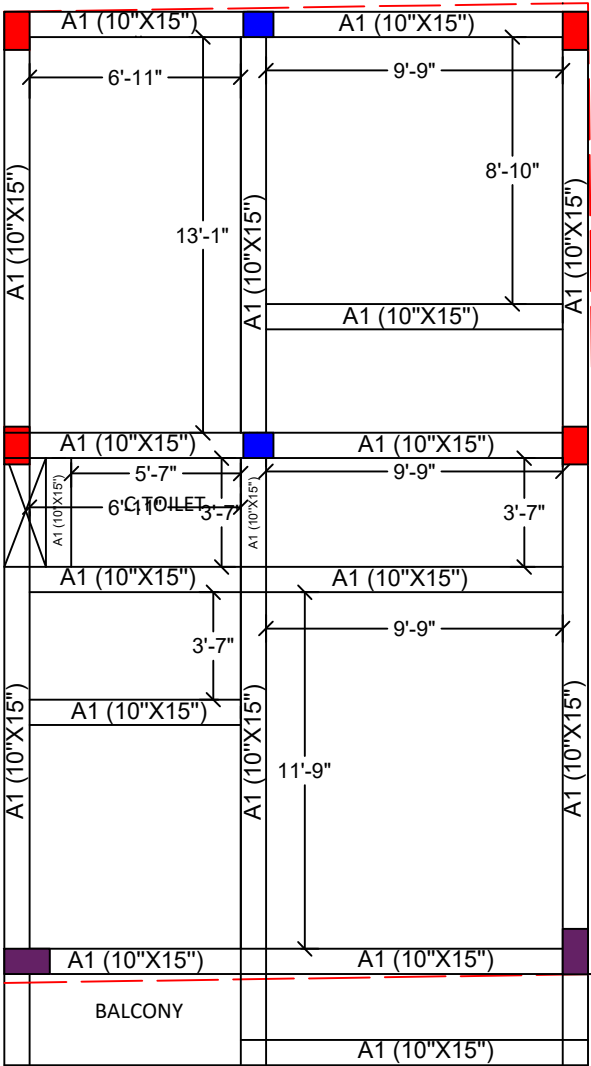
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West

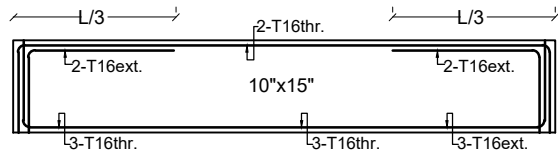
South

North



East

FIRST FLOOR

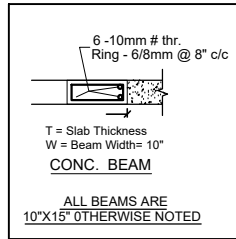
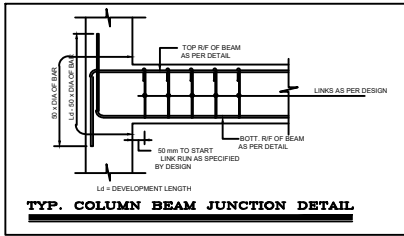
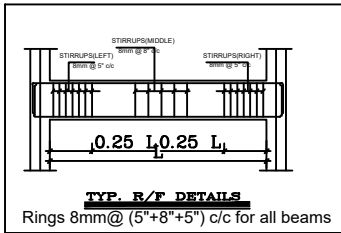


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Rings 8mm@ (5"+8"+5") c/c for all beams

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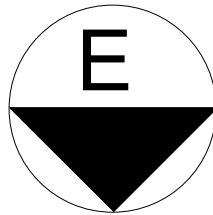


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- ONLY STEEL SHUTTERING / CENTERING SHALL BE USED AT WORK SITE FOR CONSTRUCTION OF R.C.C. FRAMED BUILDING.
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- THE CRUSHING STRENGTH OF CUBES PREPARED WITH CONC. MIX AT WORK SITE SHALL CONFORM THE ACCEPTANCE CRITERIA AS MENTIONED IN IS: 456: 2000.
- 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.
- COVER BLOCK SHALL BE PROPERLY TIED WITH THE REINFORCEMENT FOR FIXITY DURING CASTING.
- 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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- ALL CONCRETE SHALL BE MACHINE MIXED AND PROPERLY COMPACTED BY VIBRATOR.
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- PROPER CURING OF R.C.C. SLAB / COLUMN / FOUNDATION / B/W PLASTER ETC. SHALL BE ENSURED BY FIELD ENGRS.
- PROPER ARRANGEMENT FOR SOAKING OF BRICKS SHALL BE ENSURED BY FIELD ENGRS.
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- IT SHALL BE WITHIN THE LAPPING ZONE AS SHOWN IN THE DRG. THE LAP LENGTH SHALL NOT BE LESS THEN DEVELOPMENT LENGTH OF 40D AND 30 TIMES DIA OF BAR WHICH IS GREATER.
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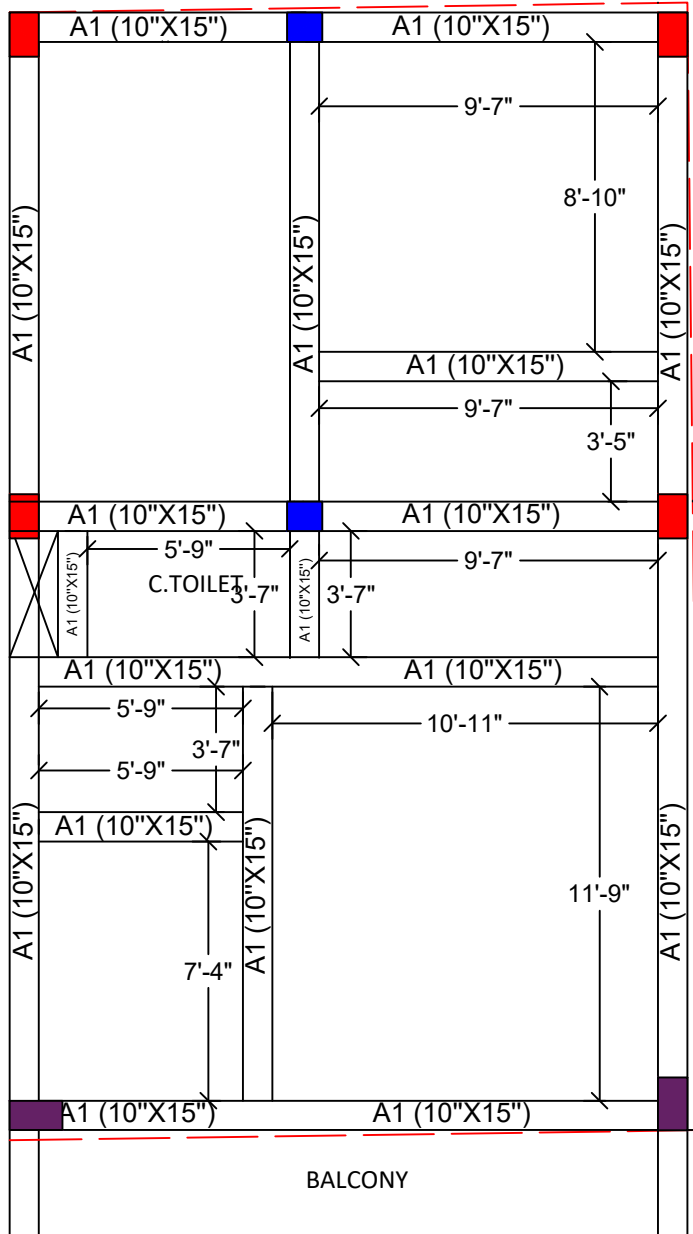
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West

South

North

East

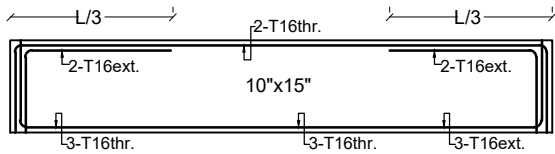
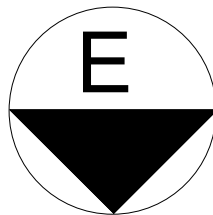


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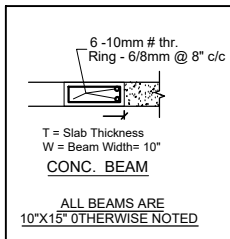
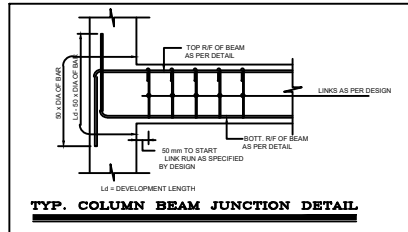
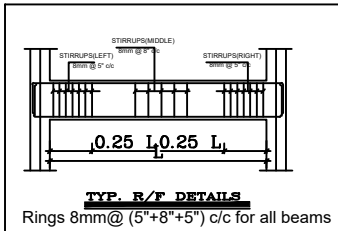


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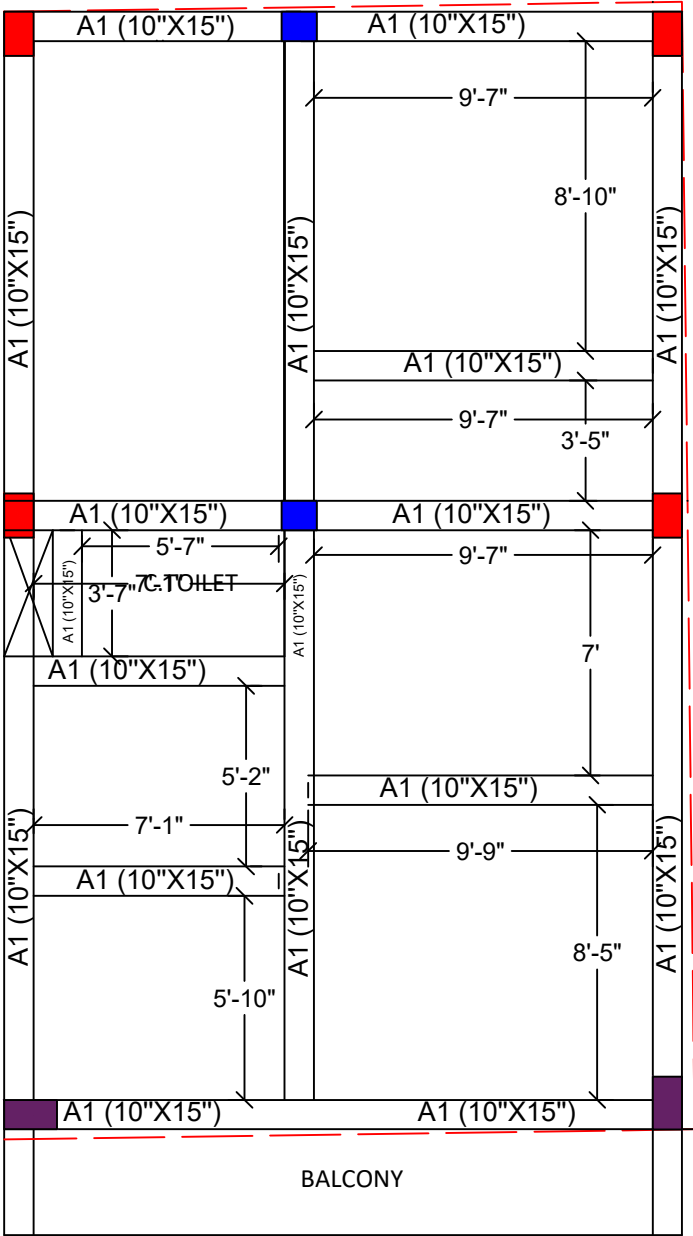
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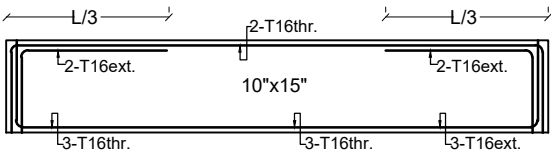
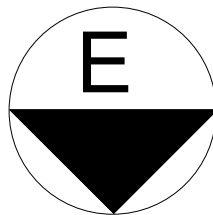


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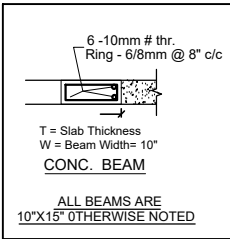
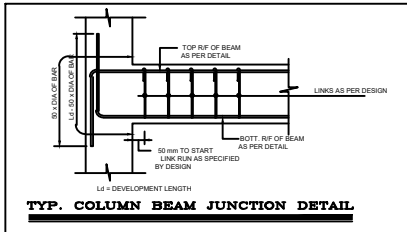
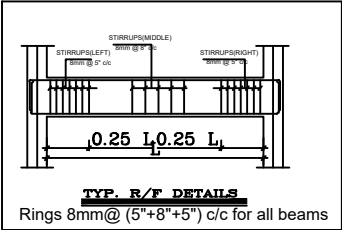
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			TOP REINF.		BOT. REINF.			
	B	D	TOP.M (t1)	TOP.EXT (t2)	BOT.M (b1)	BOT.EXT (b2)	S1	S2
A1	10"	15"	2-T16	2-T16	3-T16	3-T16	T8@5"c/c	T8@5"c/c



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ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.

CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- THIRD FLOOR SLAB BEAM

SCALE: 1:100
Plan Number 01
DATE 17.10.2024

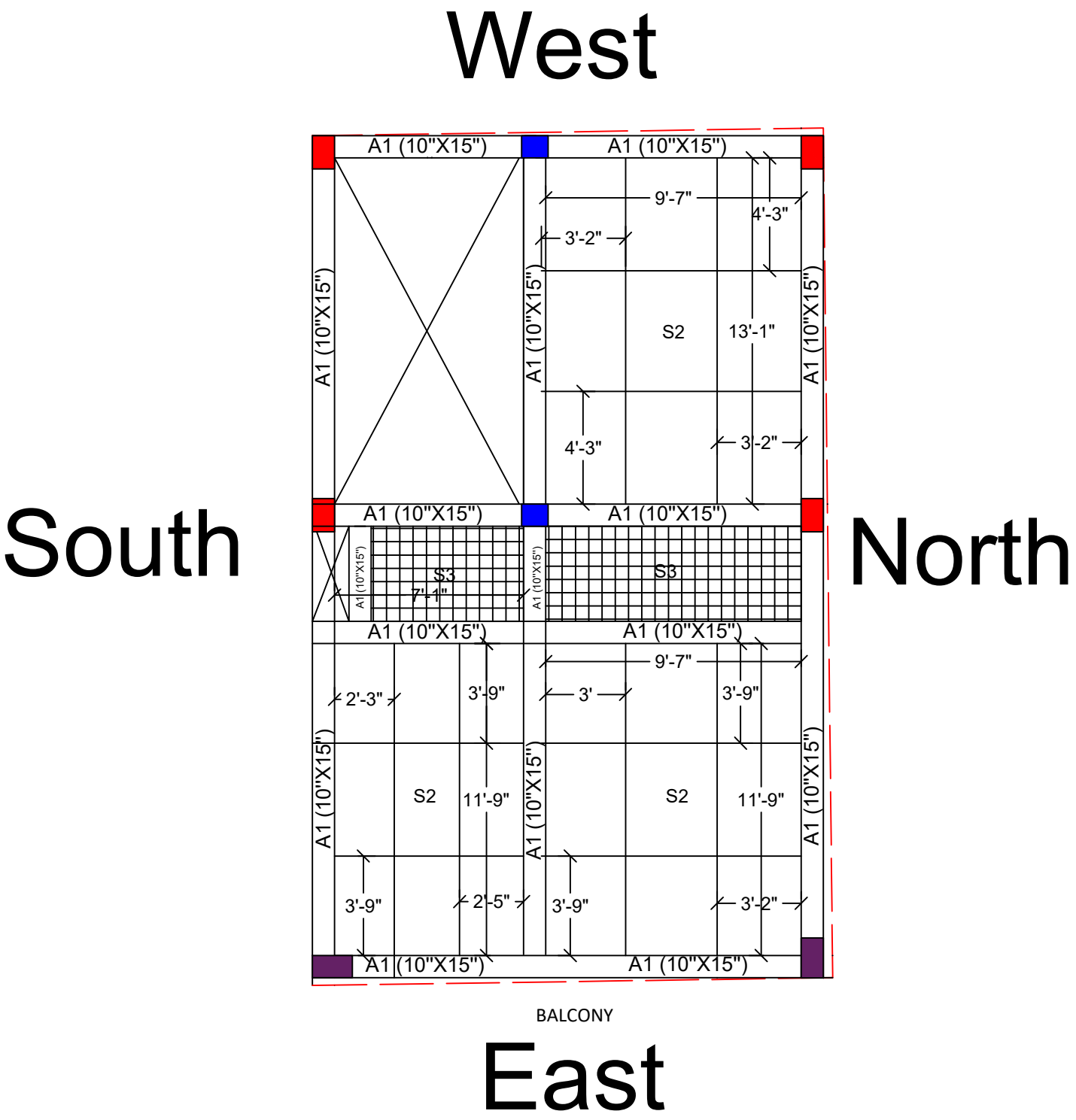
Design By Ar. Sori Kumar
Checked By Er. Jayprakash kumar
Approved By Jaypro infratech Pvt. Ltd.



JAYPRO INFRATECH PVT. LTD.
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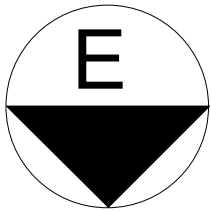
East

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:-**
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 IS 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 UNIONS FOR FOUNDATION = 50; PILE CAP = 75; COLUMN = 40; BEAM = 30 AND SLAB = 25mm) SHALL 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 BE SPREAD OVER SHUTTERING TO PREVENT CEMENT SLURRY FROM CONC. MIX.
 - 16) BEFORE CASTING OF REINFORCEMENT PLACES SHALL BE DULY MEASURED BY ENGR INCHARGE.
 - 17) 10T: EFFECTIVE DEVELOP. LENGTH CONSIDERING TENSION 48S BAR DIA.
 - 18) 10C: EFFECTIVE DEVELOP. LENGTH CONSIDERING COMPRESSION 38S BAR DIA.
 - 19A) LAP SPICE- NOT MORE THAN 80% 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 THAN DEVELOPMENT LENGTH OF 48S AND 30 TIMES DIA OF BAR RESPECTIVELY.
 - 19B) LAP SPICE IN BEAM SPAN LESS THAN 12M SHALL BE AVOIDED IN NORMAL CASE. IN LONGER SPAN > 12M LAP SHALL BE PROVIDED AS PER APPROVED STR. DRG.
 - 20) ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 - 21) GRIDLINE SHOWS C/L 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 & INTERNAL STAIR WALL SHALL BE 10"THICK AND INTERNAL WALL SHALL BE 7" THICK, EXCEPT MENTIONED.
 - 26) NECESSARY ARRANGEMENTS SHALL BE MADE FOR RUMPH 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 DOWNEN SLAB AT TERRACE FLOOR SLAB TO PREVENT SEEPAGE.
 - ALL DESIGN MIX CONCRETE OF GRADE M 25 HAVING MINIMUM CEMENT CONTENT 300 kg/m³. Max. W/C = 0.5 FOR COARSE AGGREGATE 20 mm SIZE CASTING SHOULD BE DONE AS PER MIX DESIGN
 - # OR T INDICATES HYDRO BARS OF GRADE IN 6000
 - THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.



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CLIENT : - PRIYANSHU UPADHAYAY SIR

PROJECT : - GROUND FLOOR SLAB REINF.. DETAIL

SCALE : 1:100
Plan Number 09
ISSUED 13.07.25

Design By Er. Kumari Neha Ranjan
Checked By Er. Jayprakash kumar
Approved By Jaypro infratech Pvt. Ltd.



JAYPRO INFRA TECH PVT. LTD.
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West

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North

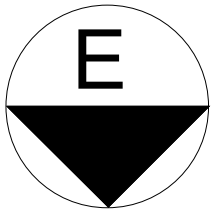
East

FIRST 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:-**
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 IS 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 UNIONS FOR FOUNDATION = 50; PILE CAP = 75; COLUMN = 40; BEAM = 30 AND SLAB = 25mm) SHALL 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 BE SPREAD OVER SHUTTERING TO PREVENT CEMENT SLURRY FROM CONC. MIX.
 - 16) BEFORE CASTING REINFORCEMENT PLACES SHALL BE DULY MEASURED BY ENGR INCHARGE.
 - 17) 10T: EFFECTIVE DEVELOP. LENGTH CONSIDERING TENSION 48S BAR DIA.
 - 18) 10C: EFFECTIVE DEVELOP. LENGTH CONSIDERING COMPRESSION 38S BAR DIA.
 - 19A) LAP SPICE- 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 THAN DEVELOPMENT LENGTH OF 48S AND 30 TIMES DIA. OF BAR WHIC IS GREATER.
 - 19B) LAP SPICE IN BEAM SPAN LESS THAN 12M SHALL BE AVOIDED IN NORMAL CASE. IN LONGER SPAN > 12M LAP SHALL BE PROVIDED AS PER APPROVED STR. DRG.
 - 20) ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 - 21) GRIDLINE SHOWS C.C. 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 7" THICK, EXCEPT MENTIONED.
 - 26) NECESSARY ARRANGEMENTS SHALL BE MADE FOR RUMTH 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/m³ Max. W/C = 0.5 FOR CONCRETE AGGREGATE 20 mm SIZE CASTING SHOULD BE DONE AS PER MIX DESIGN
 - # OR * INDICATES INFO BARS OF GRADE M 200
 - THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.



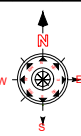
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CLIENT : - PRIYANSHU UPADHAYAY SIR

PROJECT : - FIRST FLOOR SLAB REINF.. DETAIL

SCALE : 1:100
Plan Number 09
ISSUED 13.07.25

Design By Er. Kumari Neha Ranjan
Checked By Er. Jayprakash kumar
Approved By Jaypro infratech Pvt. Ltd.



JAYPRO INFRA TECH PVT. LTD.

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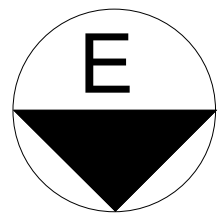
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NOTES:-

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/mm².
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 @250/C.
9. THIS DRAWING SHALL BE READ WITH ARCHITECTURAL DRAWINGS.
10. WHEREVER SHOWN BEAM BAR SHALL BE ANCHORED INTO COLUMN UP TO A LENGTH EQUAL TO 50X BAR DIA DISTANCE MEASURED FROM COLUMN FACE

TECHNICAL NOTES & INSTRUCTIONS:-

- 1) NOTES AND INSTRUCTIONS REQUIRED BELOW SHALL BE FOLLOWED WITH DUE RESPONSIBILITY BY THE ENGINEER IN CHARGE DURING EXECUTION OF THE PROJECT. THE ENGINEER IN CHARGE SHALL BE RESPONSIBLE FOR THE PREPARATION, REVIEW, AND APPROVAL OF ALL TECHNICAL DRAWINGS OF THE BUILDING / STRUCTURE ENCLOSED BEFORE EXECUTION AND AMBIGUITY IF ANY, SHALL BE CLARIFIED BY THE ENGINEER IN CHARGE TO THE NEAREST POSSIBLE DATE. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED. NO NECESSARY ACTION SHALL BE TAKEN TO CORRECT ANY MISTAKES OR OMISSIONS IN THE DRAWINGS FOR CONSTRUCTION OF R.C. FRAMED BUILDING.
- 2) THE COMPOSITION OF MATERIALS TO BE USED IN CONCRETE / I.E. WATER / CEMENT / SAND / CHIPS SHALL BE STRICTLY AS PER DESIGN MIX RATIO. THE MIX SHALL CONFORM THE ACCEPTANCE CRITERIA AS PER IS 456: 2000.
- 3) THE COMPOSITION OF MATERIALS TO BE USED IN MASONRY SHALL BE AS PER DESIGN MIX RATIO / FOUNDATION BEHOLD R.C. CASTING & SPACE NOT EXCEEDING ONE METER CIRCUMFERENCE.
- 4) IN CASE OF PILE FOUNDATION IT IS ESSENTIAL TO HAVE ACTUAL PILE LOAD TEST REPORT ALONG WITH PILE CAPACITY BASED ON SOIL PARAMETERS. IT IS INSTRUCTED TO THE CONTRACTOR TO OBTAIN THE SAME FROM THE RELEVANT AGENCIES FOR THE NECESSARY ACTION FOR REVIEW AND FINAL CONCLUSION.
- 5) THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING TABLE USE BENTONITE SOLUTION, CASING AND GROUT SETTING CEMENT. THE ENGINEER IN CHARGE SHALL TAKE FINAL DECISION AS PER ACTING SUPERVISOR'S ORDER.
- 6) ALL CONCRETE SHALL BE MACHINE MIXED AND PROPERLY COMPACTED BY VIBRATOR.
- 7) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
- 8) PROPER CURING OF R.C. / SLAB / COLUMN / FOUNDATION / WALL PLASTER ETC. SHALL BE ENSURED BY THE CONTRACTOR.
- 9) PROPER ARRANGEMENT FOR SOAKING OF BRICKS SHALL BE ENSURED BY FIELD ENGINEER.
- 10) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
- 11) SHUTTERING TO PREVENT CREEP SLURRY FROM CONC. MASS.
- 12) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
- 13) LIFT EFFECTIVE DEVELOP. LENGTH CONSIDERING STRUCTURE 400 X 400
- 14) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
- 15) LAP SPACING: NOT MORE THAN 50% OF AREA OF STEEL LONG IN COLUMN BARS SHALL BE USED IN THE DEVELOP. LENGTH CONSIDERING STRUCTURE 400 X 400
- 16) IT SHALL BE WITHIN THE LAPPING ZONE AS SHOWN IN THE Dwg. the LAP LENGTH SHALL NOT BE LESS THAN 450 mm. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
- 17) LAP SPACING IN BEAM SPACING SHALL NOT BE LESS THAN 450 mm. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
- 18) LAP SPACING IN BEAM SPACING SHALL NOT BE LESS THAN 450 mm. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
- 19) ONLY VERTICAL DIMENSIONS ARE TO BE FOLLOWED.
- 20) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
- 21) THE FORM WORK FOR (SPAN 4M) / BEAMS / SLAB SHALL BE CHECKED PROPERLY AS PER ACTING SUPERVISOR'S ORDER.
- 22) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
- 23) CARRIER FOR NORMAL BEAMS SHALL BE 1 IN 250 OF THE SPAN OR 4MM PER METER OF THE SPAN.
- 24) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
- 25) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
- 26) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED PROTECTIVE LAYERS (LININGS) FOR FOUNDATION : 50. SLAB CAP - 75. COLUMN + 40. BEAM + 30. SLAB + 25mm
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CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :-
SECOND FLOOR SLAB REINF.. DETAIL

SCALE :	1:100	ISSUED	
Plan Number	09		13.07.25

Design By	Er. Kumari Neha Ranjan	
Checked By	Er. Jayprakash kumar	
Approved By	Jaypro infratech Pvt. Ltd.	

JAYPRO INFRATECH PVT. LTD

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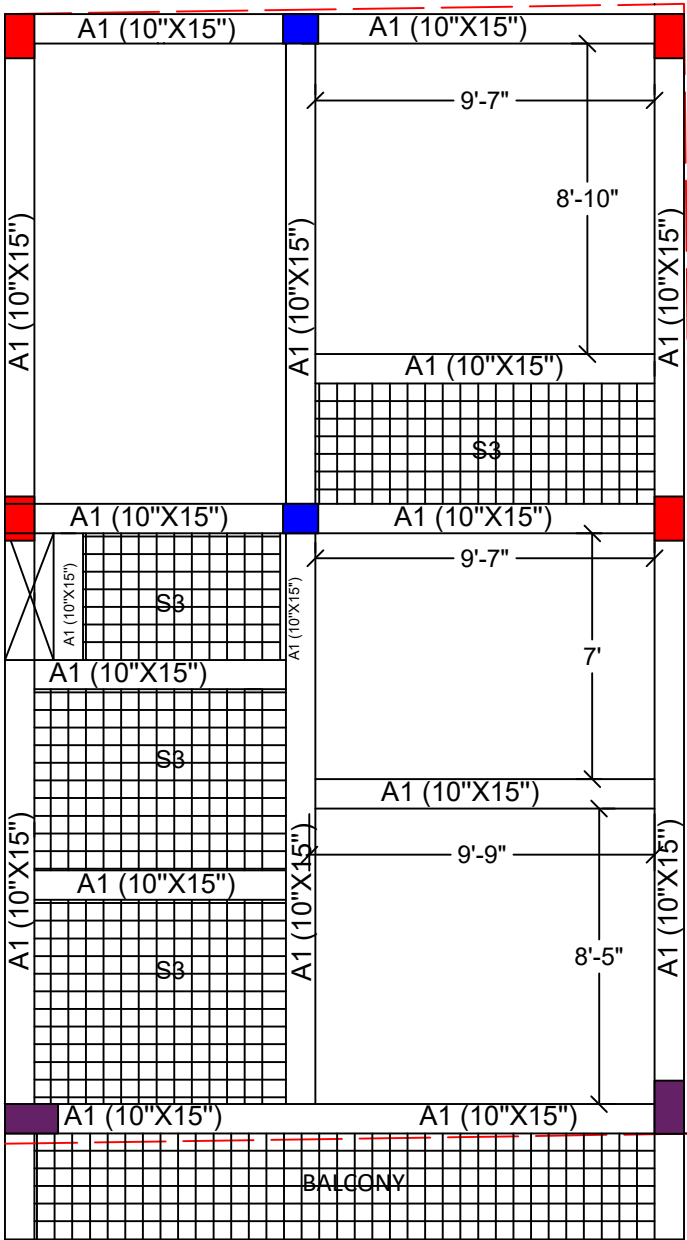
West

South

North

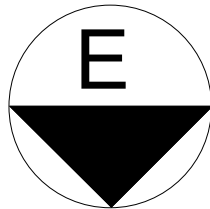
East

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.
 - 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 IS 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 R.C.C. FRAMED BUILDING.
 - 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 RESTRICTED 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 UNIONS FOR FOUNDATION = 50; PILE CAP = 75; COLUMN = 40; BEAM = 30 AND SLAB = 25mm) SHALL BE PROVIDED.
 - 13) PROPER CURING OF R.C.C. SLAB / COLUMN / FOUNDATION / B/W PLASTER ETC. SHALL BE ENSURED.
 - 14) PROPER ARRANGEMENT FOR SOAKING OF BRICKS SHALL BE ENSURED BY FIELD ENGRS.
 - 15) BEFORE PLACING OF REINFORCEMENT POLYTHENE SHEET SHALL BE SPREAD OVER SHUTTERING TO PREVENT CEMENT SLURRY FROM CONC. MIX.
 - 16) BEFORE PLACING OF REINFORCEMENT PLACES SHALL BE EXACTLY MEASURED BY ENGR INCHARGE.
 - 17) LDT: EFFECTIVE DEVELOP. LENGTH CONSIDERING TENSION 48X BAR DIA.
 - 18) LDC: EFFECTIVE DEVELOP. LENGTH CONSIDERING COMPRESSION 38X BAR DIA.
 - 19A) LAP SPICE: NOT MORE THAN 80% 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 THAN DEVELOPMENT LENGTH OF 40D AND 30 TIMES DIA. OF BAR WHIC IS GREATER.
 - 19B) LAP SPICE IN BEAM SPAN LESS THAN 12M SHALL BE AVOIDED IN NORMAL CASE. IN LONGER SPAN > 12M LAP SHALL BE PROVIDED AS PER APPROVED STR. DRG.
 - 20) ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 - 21) GRIDLINE SHOWS C/L 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 & INTERNAL STAIR WALL SHALL BE 10"THICK AND INTERNAL WALL SHALL BE 7" THICK, EXCEPT MENTIONED.
 - 26) NECESSARY ARRANGEMENTS SHALL BE MADE FOR RAIN WATER PROTECTION OF BUILDING AT LEVEL DECIDED BY E.E. TO AVOID WATER LEAKING 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 AT TERRACE FLOOR SLAB TO PREVENT SEEPAGE.
 - ALL DESIGN MIX CONCRETE OF GRADE M 25 HAVING MINIMUM CEMENT CONTENT 300 kg/m³. Max. W/C = 0.5 FOR CONCRETE AGGREGATE 20 mm SIZE CASTING SHOULD BE DONE AS PER MIX DESIGN.
 - # OR T INDICATES INFO BARS OF GRADE IN DRG.
 - THIS DRAWING SHALL BE READ WITH THE APPROVED ARCHITECTURAL DRAWINGS.



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CLIENT : - PRIYANSHU UPADHAYAY SIR

PROJECT : - THIRD FLOOR SLAB REINF.. DETAIL

SCALE : 1:100
Plan Number 09
ISSUED 13.07.25

Design By Er. Kumari Neha Ranjan
Checked By Er. Jayprakash kumar
Approved By Jaypro infratech Pvt. Ltd.

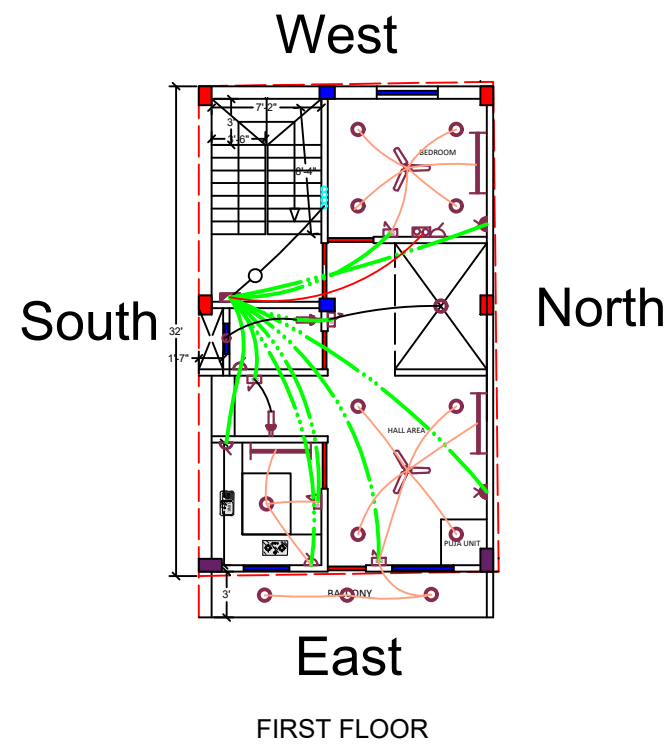
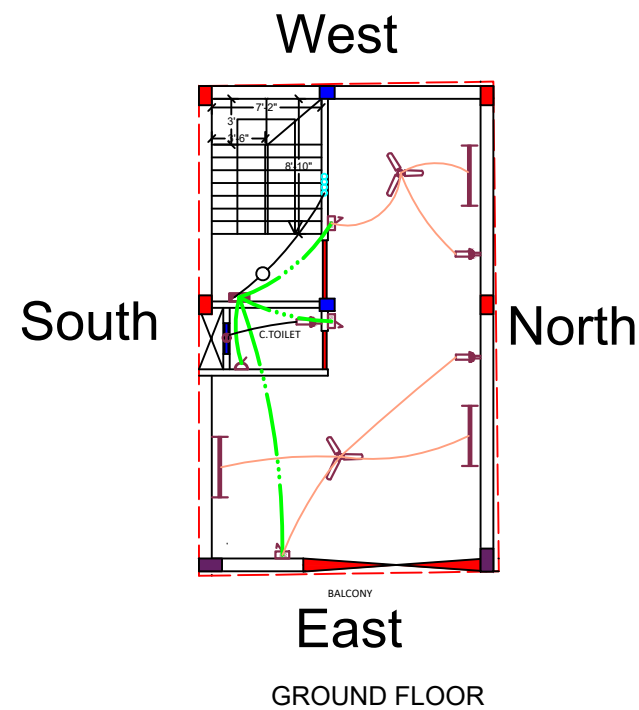
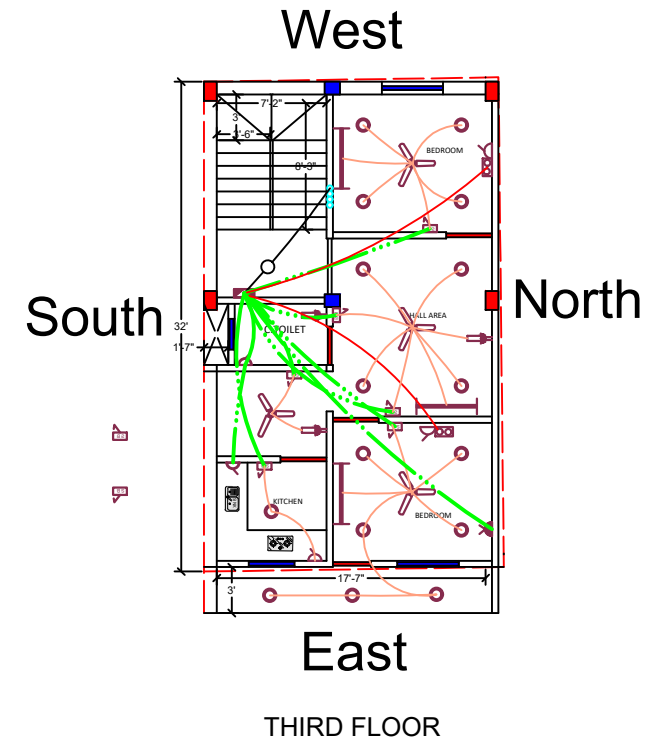
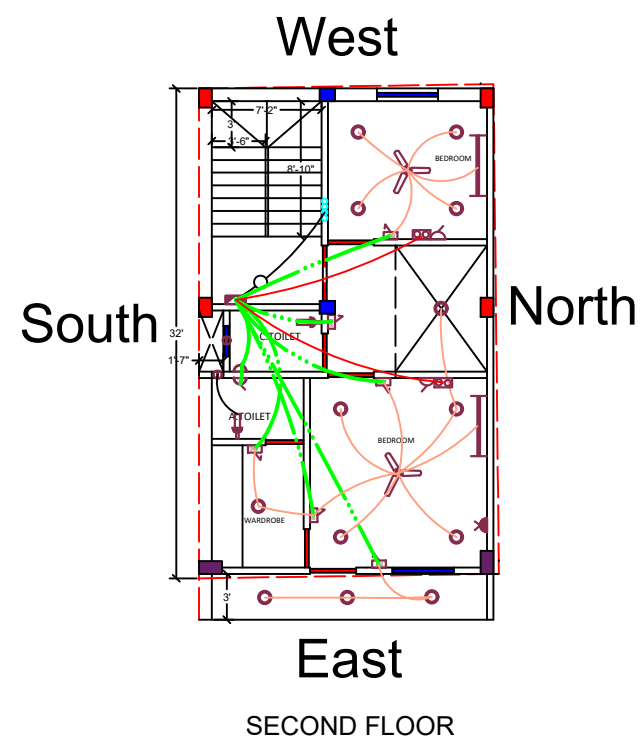


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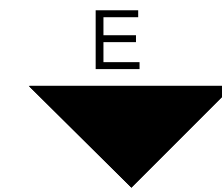
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Structure Design
Interior Design
Estimating & Costing
Building Construction With Material

LEGEND

SYMBOL	DESCRIPTION	HEIGHT
	CEILING FAN	ON CEILING
	CHANDELIER LIGHT POINT	ON CEILING
	40WX40" 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	



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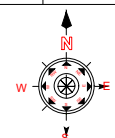
CLIENT :- PRIYANSHU UPADHAYAY SIR

PROJECT :- Electric design

SCALE:- 1:100
Plan Number:- 11

ISSUED 20.08.25

Design By Ar. Soni Kumari
Checked By Er. Jayprkash Kumar
Approved By Jaypro Infratech Pvt.Ltd.



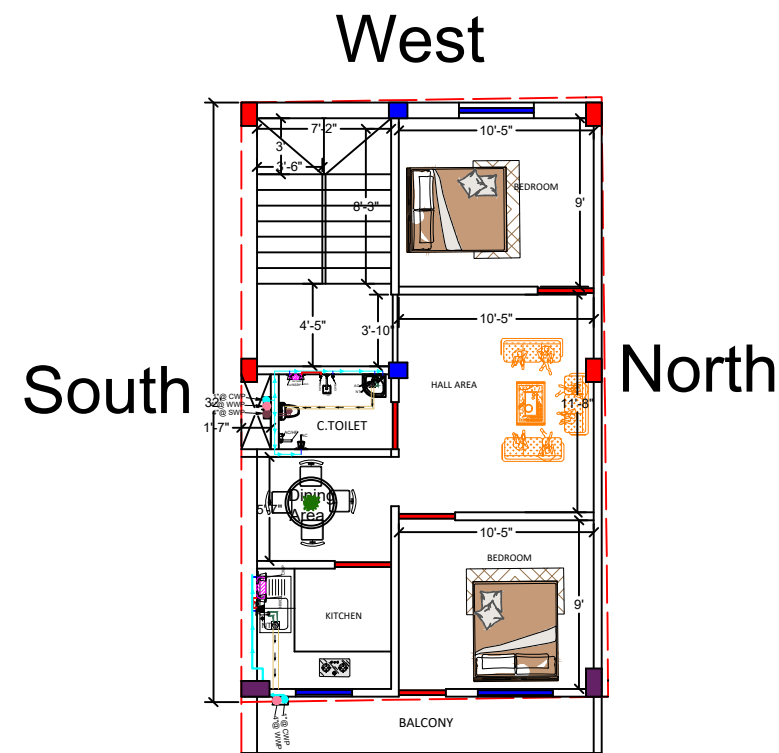
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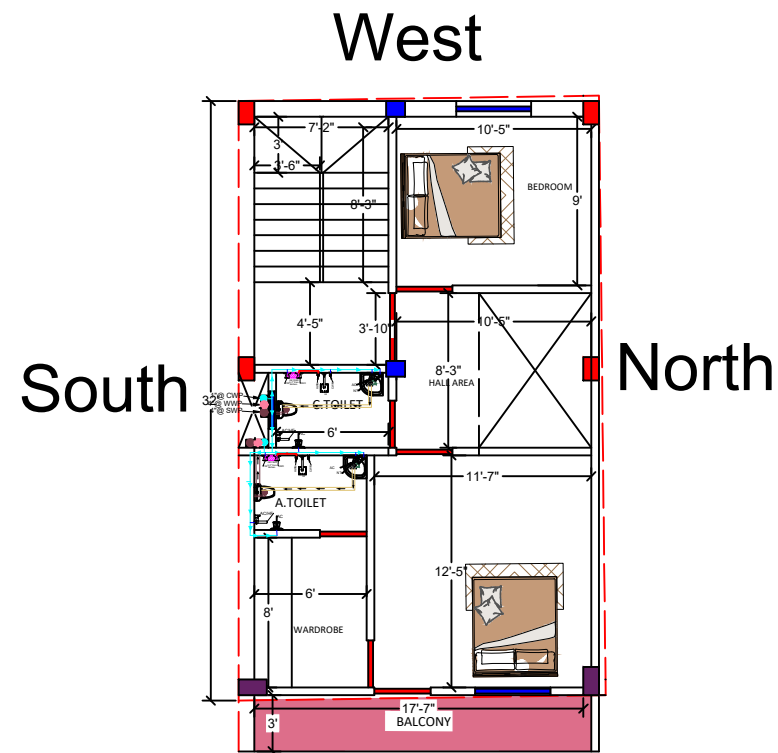
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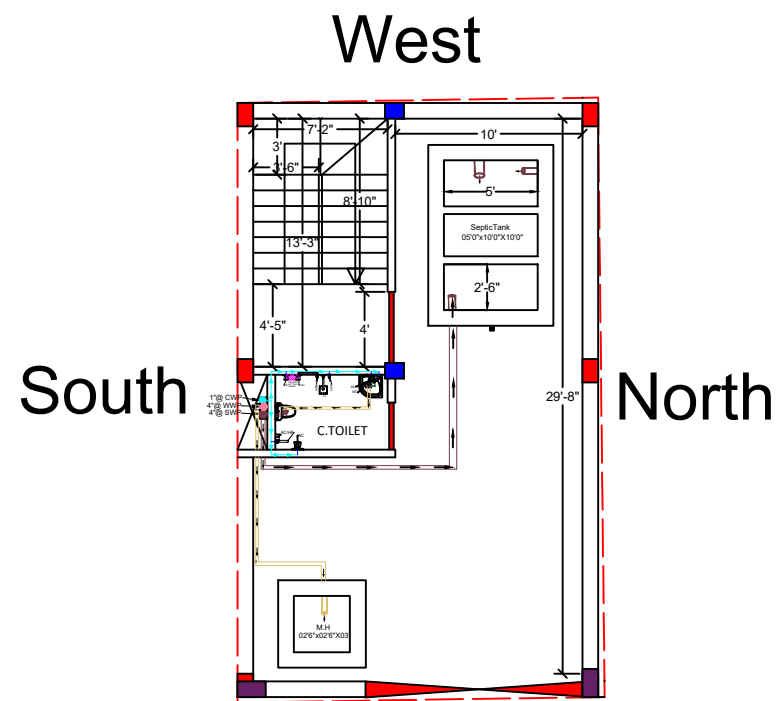
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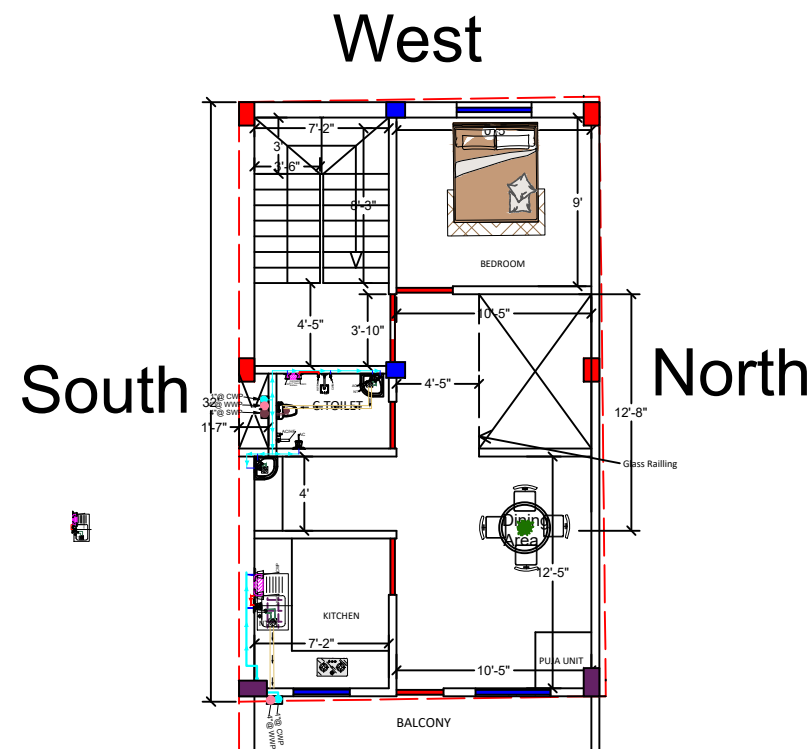
East
THIRD FLOOR



East
SECOND FLOOR



East
GROUND FLOOR



East
FIRST FLOOR

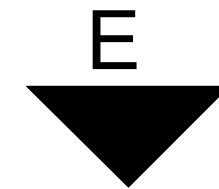
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LEGEND:-

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
2 1/2"@ 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



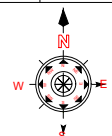
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CLIENT :-PRIYANSHU UPADHAYAY SIR

PROJECT :- Floor Plan plumbing design

SCALE:- 1:100
Plan Number:- 11
ISSUED 20.08.25

Design By Ar. Soni Kumari
Checked By Er. Jayprakash Kumar
Approved By Jaypro Infratech Pvt.Ltd.



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