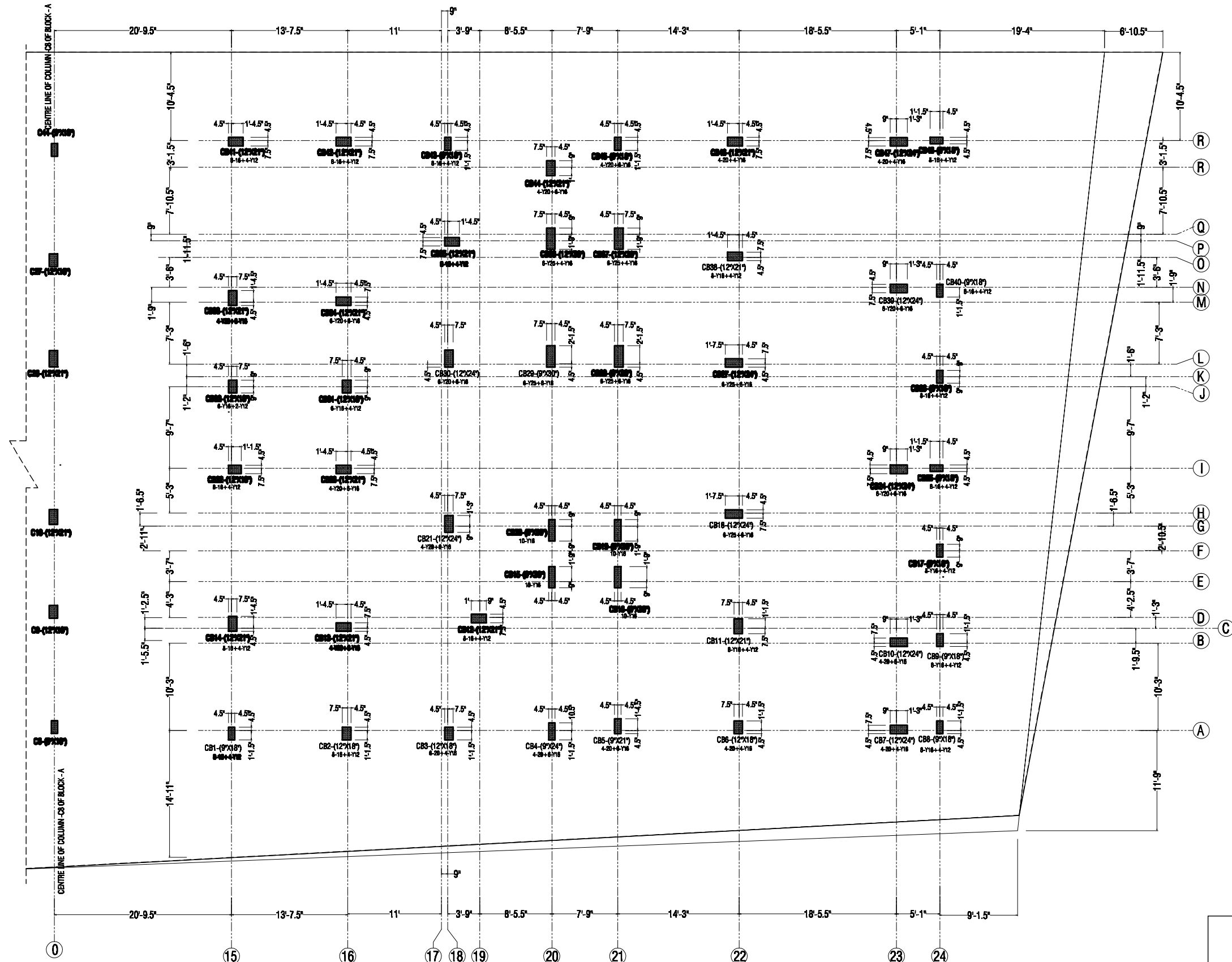


BLOCK-1



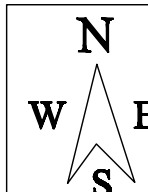
- NOTE :
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 3. USE SUPER PLASTICIZER CERAPLAST 300 @ 300ml PER BAG TO IMPROVE WORKABILITY, MIXING ALONG WITH 22 LITRES OF WATER.
 4. DEPTH OF SOIL SHOULD BE UPTO HARD STRATA WHERE S.B.C OF SOIL IS 30 T/M² MINIMUM. DESIGN SBC OF SOIL IS (30 T/M²) AT WHICH DEPTH OF FOUNDATION IS 3.00 METER FROM EXISTING GROUND LEVEL AS PER SOIL REPORT.
 5. FILL THE FOUNDATION PITS WITH SAND GRAVEL MIX (1:3) OR STONE DUST AND GRAVEL MIX (1:3). COMPACTING IN LAYERS OF 6" THICK EACH UPTO A DEPTH OF 12 INCHES BEFORE LAYING P.C.C.
 6. LAPPING OF BARS SHOULD BE STAGGERED. NOT MORE THAN 50% OF BARS SHOULD BE LAPPED AT A JOINT.
 7. CLEAR COVER FOR FOOTINGS SHOULD BE 75mm. COVER FOR COLUMNS 40mm. COVER FOR BEAMS 25mm. COVER FOR SLABS 20mm.
 8. ENSURE THOROUGH COMPACTION OF ALL R.C.C MEMBERS BY MEANS OF VIBRATION. USE PIN AND FLAT VIBRATOR THOROUGHLY WHERE EVER NECESSARY.
 9. GRADE OF CONCRETE M20 (1:1.5:3) - 20N/SQ.mm COMPRESSIVE STRENGTH. DESIGN GRADE OF STEEL FE-415 TMT (Y=415 N/SQ.mm). USE ORDINARY PORTLAND CEMENT (OPC) OF 53 GRADE FOR ALL STRUCTURAL MEMBERS. USE PORTLAND POZZOLANA CEMENT (PPC) 53/43 GR MASONRY & PLASTERING PURPOSE.

ARCHITECTS :

SCC ENGINEERS

.Architects
.Structural Engineers
.Contractors

6D, II Floor ,Manasarovar,SRCM. Main Road ,
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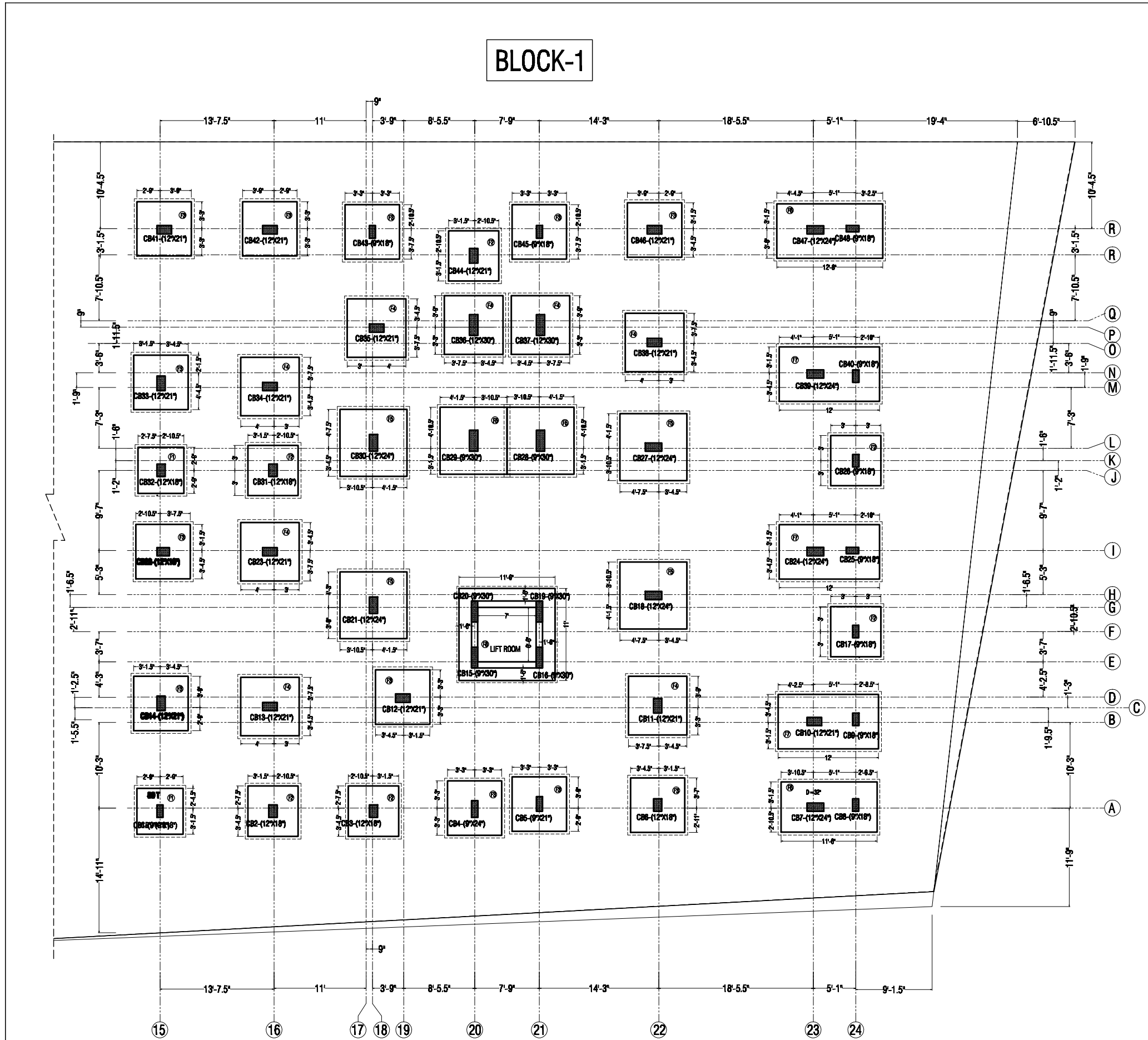


SCHEDULE OF COLUMNS-(BLOCK-1).

PROPOSED PROJECT (P-214) AT KANNAGA SABHAPATHI NAGAR, A.G.S.COLONY

SHEET-4

FILE	P-214/CHN/VIVA-AGS	REV 2
DATE :	11-06-2025	SCALE : 1: 100



BLOCK-1

SCHEDULE OF FOOTINGS -(BLOCK-1).
PROPOSED PROJECT (P-214) AT KANNAGA SABHAPATHI NAGAR, A.G.S.COLONY

SHEET-5

NOTE :

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- USE SUPER PLASTICIZER CERAPLAST 300 @ 300ml PER BAG TO IMPROVE WORKABILITY, MIXING ALONG WITH 22 LITRES OF WATER.
- DEPTH OF SOIL SHOULD BE UPTO HARD STRATA WHERE S.B.C OF SOIL IS 30 T/M² MINIMUM. DESIGN SBC OF SOIL IS-(30 T/M²) AT WHICH DEPTH OF FOUNDATION IS 3.00 METER FROM EXISTING GROUND LEVEL AS PER SOIL REPORT.
- FILL THE FOUNDATION PITS WITH SAND GRAVEL MIX (1:3) OR STONE DUST AND GRAVEL MIX (1:3). COMPACTING IN LAYERS OF 6" THICK EACH UPTO A DEPTH OF 12 INCHES BEFORE LAYING F.C.C.
- LAPPING OF BARS SHOULD BE STAGGERED, NOT MORE THAN 50% OF BARS SHOULD BE LAPPED AT A JOINT.
- CLEAR COVER FOR FOOTINGS SHOULD BE 75mm. COVER FOR COLUMNS 40mm. COVER FOR BEAMS 25mm. COVER FOR SLABS 20mm.
- ENSURE THOROUGH COMPACTION OF ALL R.C.C MEMBERS BY MEANS OF VIBRATION. USE PIN AND FLAT VIBRATOR THOROUGHLY WHERE EVER NECESSARY.
- GRADE OF CONCRETE M20 (1:1.5:3) - 20N/SQ.MM COMPRESSIVE STRENGTH. DESIGN GRADE OF STEEL FE-415 TMT (Y=415 N/SQ.MM). USE ORDINARY PORTLAND CEMENT (OPC) OF 53 GRADE FOR ALL STRUCTURAL MEMBERS. USE PORTLAND POZZOLANA CEMENT (PPC) 53/43 GR MASONRY & PLASTERING PURPOSE.

STRUCTURE DESIGNED FOR: STILT+4.							
GRADE OF CONCRETE : M25 (NOMINAL MIX-1:1.5:3)							
GRADE OF STEEL : Fe510 (510 Nsq/mm)							
SAFE BEARING CAPACITY OF SOIL -25 T/SQ.MT.							
S.NO	FOOTING TYP & SIZE	BEARING COLUMNS.	DEPTH AT TOE T	TOTAL DEPTH AT CENTRE D	PEDESTAL SIZES		FOOTING REINFORCEMENT
					SIZE	HEIGHT (H)	
1.	(F1.) 5'0"X5'0"	C1,C2	27"	27"	---	---	Y10 BARS @ 5"C/C BOTH WAYS.
2.	(F2.) 6'0"X6'0"	C2,C3,C17,C28,C31,C44	30"	30"	---	---	Y10 BARS @ 5"C/C BOTH WAYS.
3.	(F3.) 6'0"X6'0"	C4,C5,C8,C12,C14,C22,C23,C31,C42,C43,C46	30"	30"	---	---	Y10 BARS @ 6"C/C BOTH WAYS(TOP). Y10 BARS @ 5"C/C BOTH WAYS(BOT).
4.	(F4.) 7'0"X7'0"	C11,C13,C23,C34,C35,C36,C37,C38	30"	30"	---	---	Y10 BARS @ 6"C/C BOTH WAYS(TOP). Y10 BARS @ 4"C/C BOTH WAYS(BOT).
5.	(F5.) 6'0"X6'0"	C14,C21,C27,C29,C30,C33	30"	30"	---	---	Y12 BARS @ 6"C/C BOTH WAYS(TOP). Y12 BARS @ 6"C/C BOTH WAYS(BOT).
6.	(F6.) 6'0"X11'0"	(C7,C8), (C47,C48)	30"	30"	---	---	Y10 BARS @ 6"C/C BOTH WAYS(TOP). Y12 BARS @ 6"C/C BOTH WAYS(BOT).
7.	(F7.) 6'0"X12'0"	(C9,C10),(C34,C35),(C36,C40)	30"	30"	---	---	Y10 BARS @ 6"C/C BOTH WAYS(TOP). Y12 BARS @ 4"C/C BOTH WAYS(BOT).
8.	(F8.) 11'0"X11'0"	C15,C16,C19,C20 LIFT FOUNDATION	30"	30"	---	---	Y10 BARS @ 6"C/C BOTH WAYS(TOP). Y12 BARS @ 6"C/C BOTH WAYS(BOT).
9.	(DF.) 3'0"X3'0"	DUMMY FOOTING	12"	12"	---	---	Y8 BARS @ 5"C/C BOTH WAYS.

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.Architects
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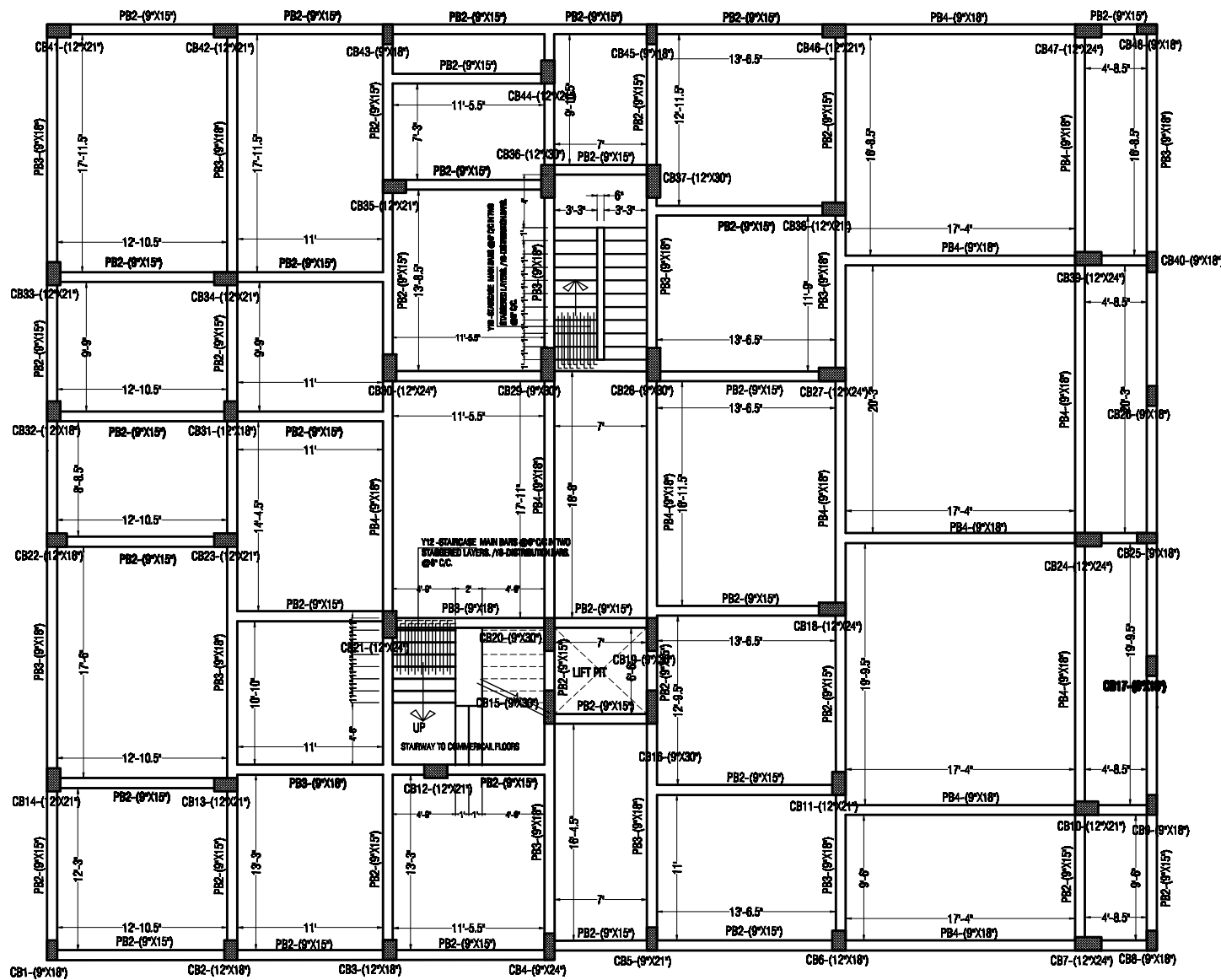
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DATE : 19-06-2025

REV : 2

SCALE : 1: 100

BLOCK-1

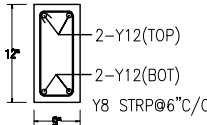
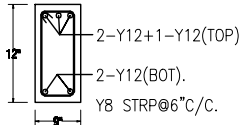
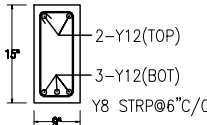
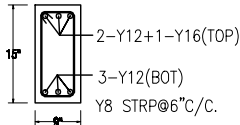
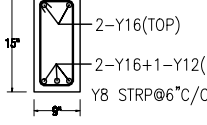
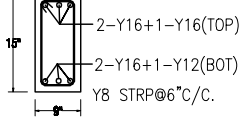
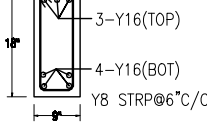
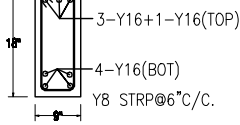


SCHEDULE OF PLINTH BEAMS -(BLOCK-1).
PROPOSED PROJECT (P-214) AT KANNAGA SABHAPATHI NAGAR, A.G.S.COLONY

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 6. LAPPING OF BARS SHOULD BE STAGGERED. NOT MORE THAN 50% OF BARS SHOULD BE LAPPED AT A JOINT.
 7. CLEAR COVER FOR FOOTINGS SHOULD BE 75mm. COVER FOR COLUMNS 40mm. COVER FOR BEAMS 25mm. COVER FOR SLABS 20mm.
 8. ENSURE THOROUGH COMPACTION OF ALL R.C.C MEMBERS BY MEANS OF VIBRATION. USE PIN AND FLAT VIBRATOR THOROUGHLY WHERE EVER NECESSARY.
 9. GRADE OF CONCRETE: M20 (1:1.5:3) - 20N/SQ.mm COMPRESSIVE STRENGTH. DESIGN GRADE OF STEEL FE-415 TMT (Y=415 N/SQ.mm). USE ORDINARY PORTLAND CEMENT (OPC) OF 53 GRADE FOR ALL STRUCTURAL MEMBERS. USE PORTLAND POZZOLANA CEMENT (PPC) 53/43 GR MASONRY & PLASTERING PURPOSE.

REINFORCEMENT DETAILS OF PLINTH BEAMS.

REINFORCEMENT DETAILS AT VARIOUS SECTIONS IN LONGITUDINAL DIRECTIONS.

SIGN	SECTION AT MID POINT OF BEAM.	SECTION AT BEAM & COLUMN JOINT.
PB1		
PB2		
PB3		
PB4		

ARCHITECTS :

SCC



Architects
.Structural Engineers
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FILE

P-214/CHN/VIVA-AGS

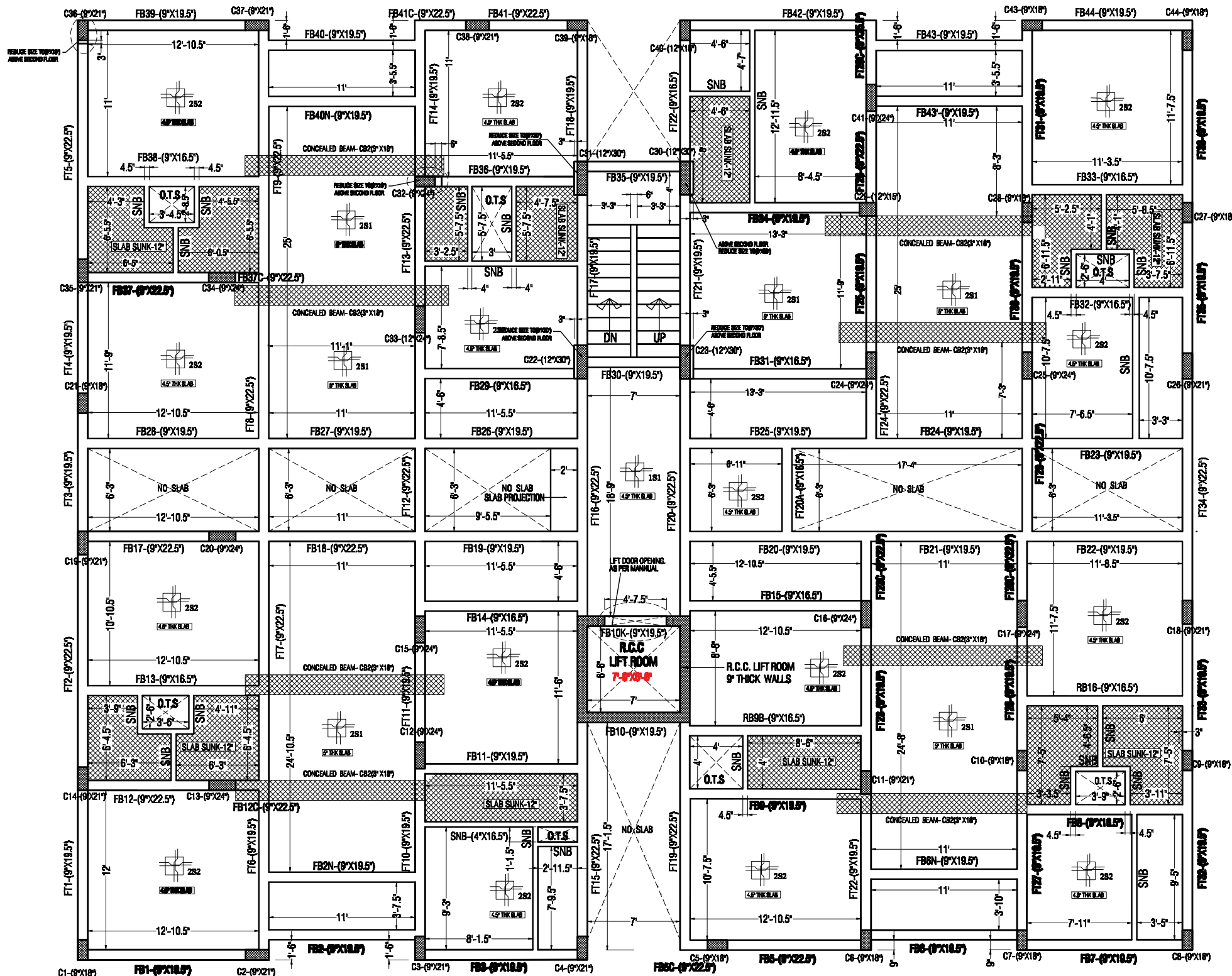
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DATE :

19-06-2025

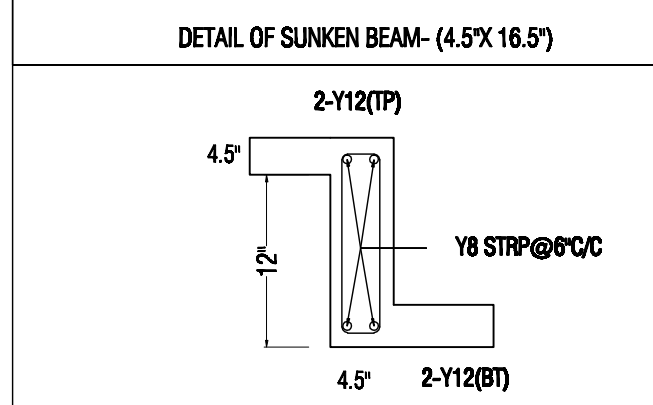
SCALE : 1: 100





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SLAB REINFORCEMENT		
2S1	TWO WAY SLAB REINFORCEMENT	Y10-@5\"C/C along short direction. Y10-@8\"C/C along long direction.
2S2	TWO WAY SLAB REINFORCEMENT	Y8-@6\"C/C along short direction. Y8-@8\"C/C along long direction.
1S1	ONE WAY SLAB REINFORCEMENT	Y8-@6\"C/C along short direction. Y8-@8\"C/C along long direction.
CB1-(3\"X18\")		CB2-(3\"X18\")



ARCHITECTS :

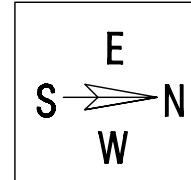
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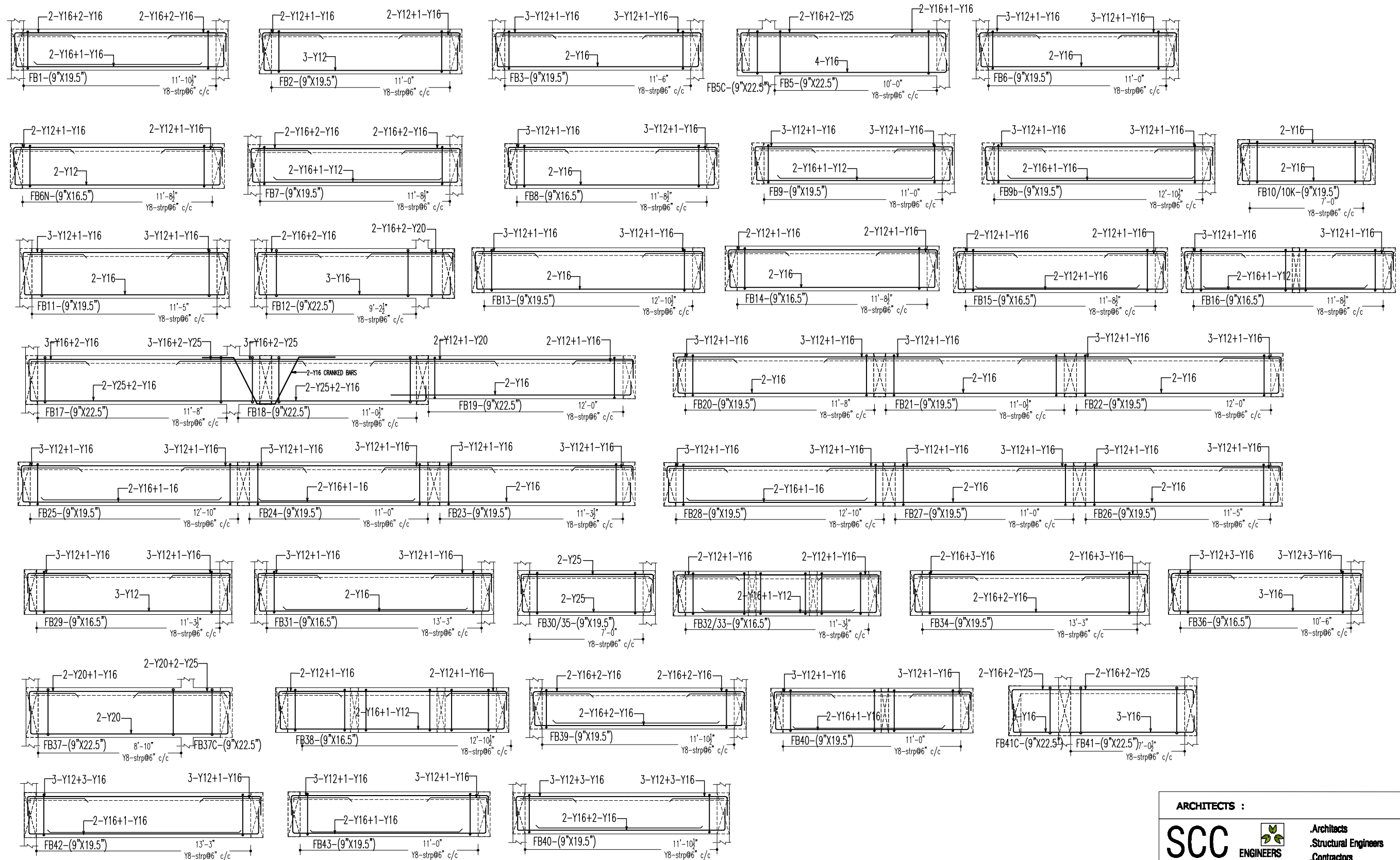
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SCHEDULE OF FIRST& SECOND FLOOR SLAB.

PROPOSED PROJECT (P-214) AT KANNAGA SABHAPATHI NAGAR, A.G.S.COLONY (BLOCK-2)

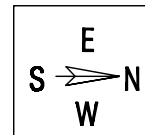


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DATE :	03-07-2025	SCALE : 1: 100

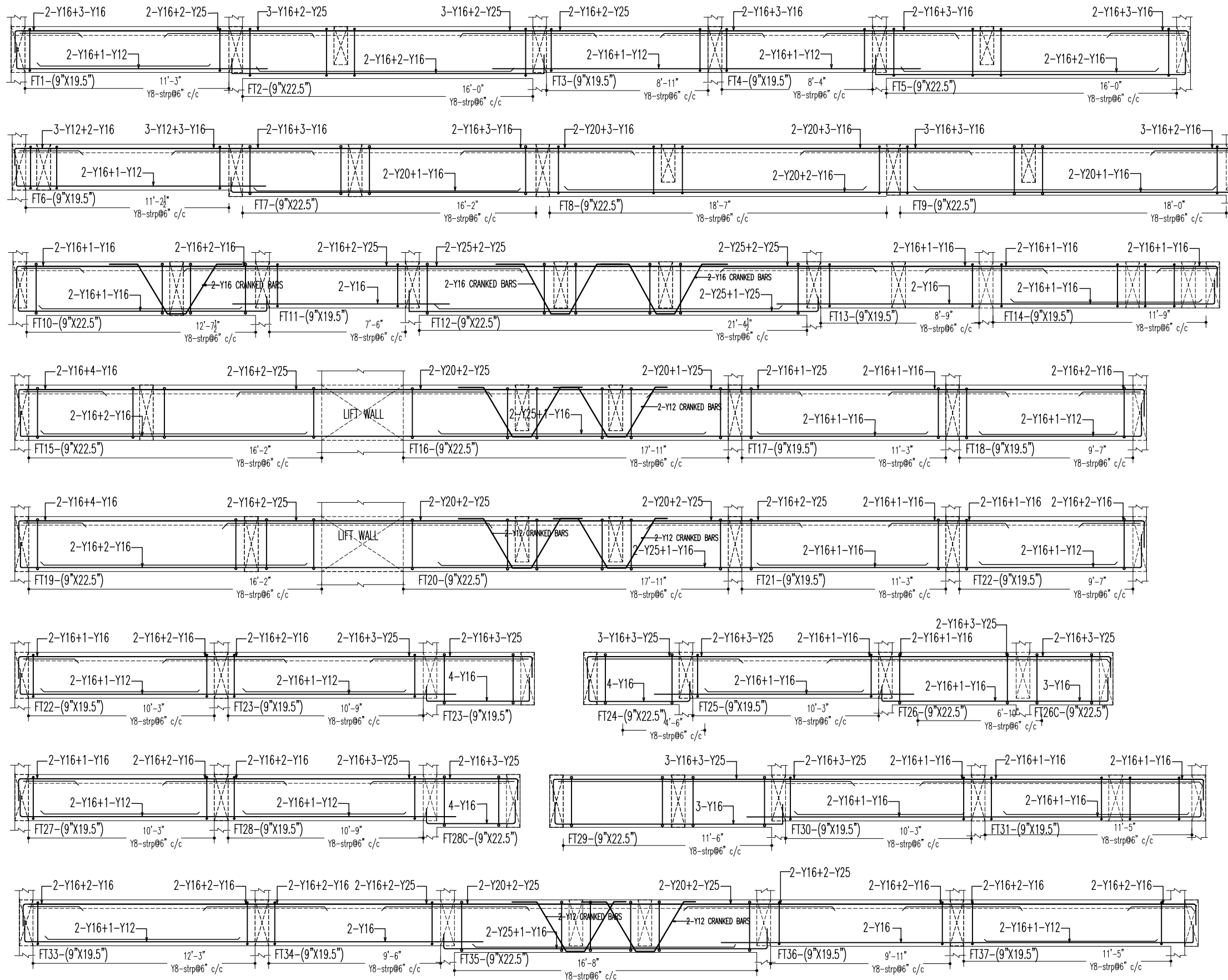


DETAILING OF FIRST & SECOND FLOOR ROOF BEAMS (SHEET-1).

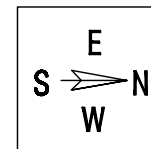
PROPOSED PROJECT (P-214) AT KANNAGA SABHAPATHI NAGAR, A.G.S.COLONY (BLOCK-2)



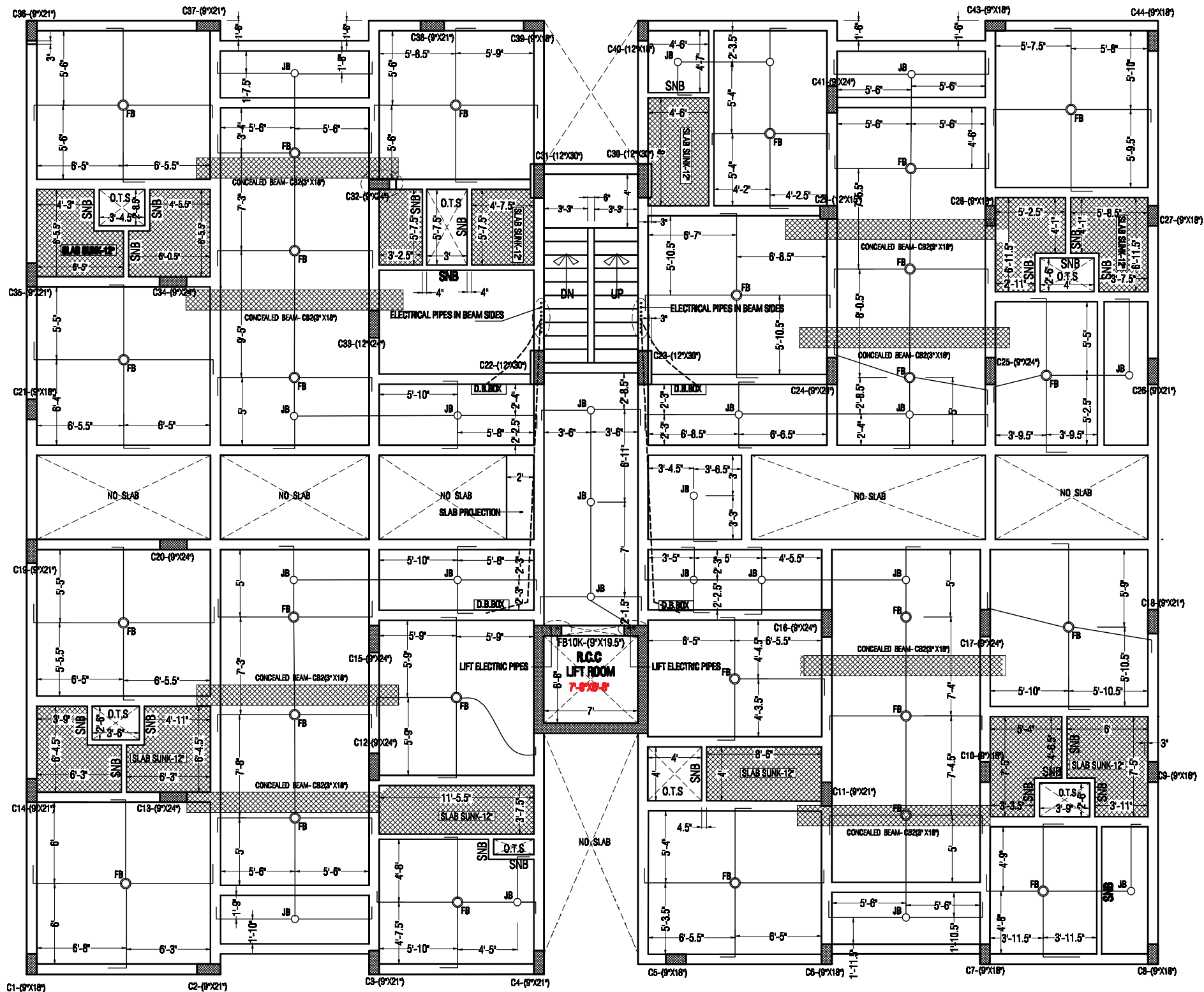
ARCHITECTS :		
SCC ENGINEERS		.Architects .Structural Engineers .Contractors
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FILE	P-214/CHN/VVA-AGS	REV :3
DATE :	03-07-2025	SCALE : 1: 100



DETAILING OF FIRST & SECOND FLOOR ROOF BEAMS (SHEET-2).
PROPOSED PROJECT (P-214) AT KANNAGA SABHAPATHI NAGAR, A.G.S.COLONY (BLOCK-2)



ARCHITECTS :		
SCC ENGINEERS Architects Structural Engineers Contractors		
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FILE	P-214/CHN/VIVA-AGS	REV :3
DATE :	23-07-2025	SCALE : 1: 100



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3. CARE SHOULD BE TAKEN TO PROVIDE SPACERS BELOW PIPES SO THAT IT REMAINS IN THE CENTRE OF THE SLAB THICKNESS. PIPES SHOULD NOT BE GROUPED TOGETHER IN THE SLAB.
4. PIPES SHOULD NOT BE PLACED IN MAT BOTTOM IN SLAB.

SYMBOLS:

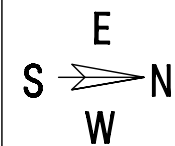
- FB - FAN BOX
DB - DEEP BOX/JUNCTION BOX.
D.B. BOX - DISTRIBUTION BOX
E.C. PANEL - ELECTRICAL CONTROL PANEL.

ARCHITECTS :

SCC ENGINEERS

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.Structural Engineers
.Contractors

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SCHEDULE OF 1,2,3,4 FLOOR SLAB ELECTRICAL.

PROPOSED PROJECT (P-214) AT KANNAGA SABHAPATHI NAGAR, A.G.S.COLONY (BLOCK-2)

FILE

P-214/CHN/VIVA-AGS

REV :3

DATE :

03-07-2025

SCALE : 1: 100