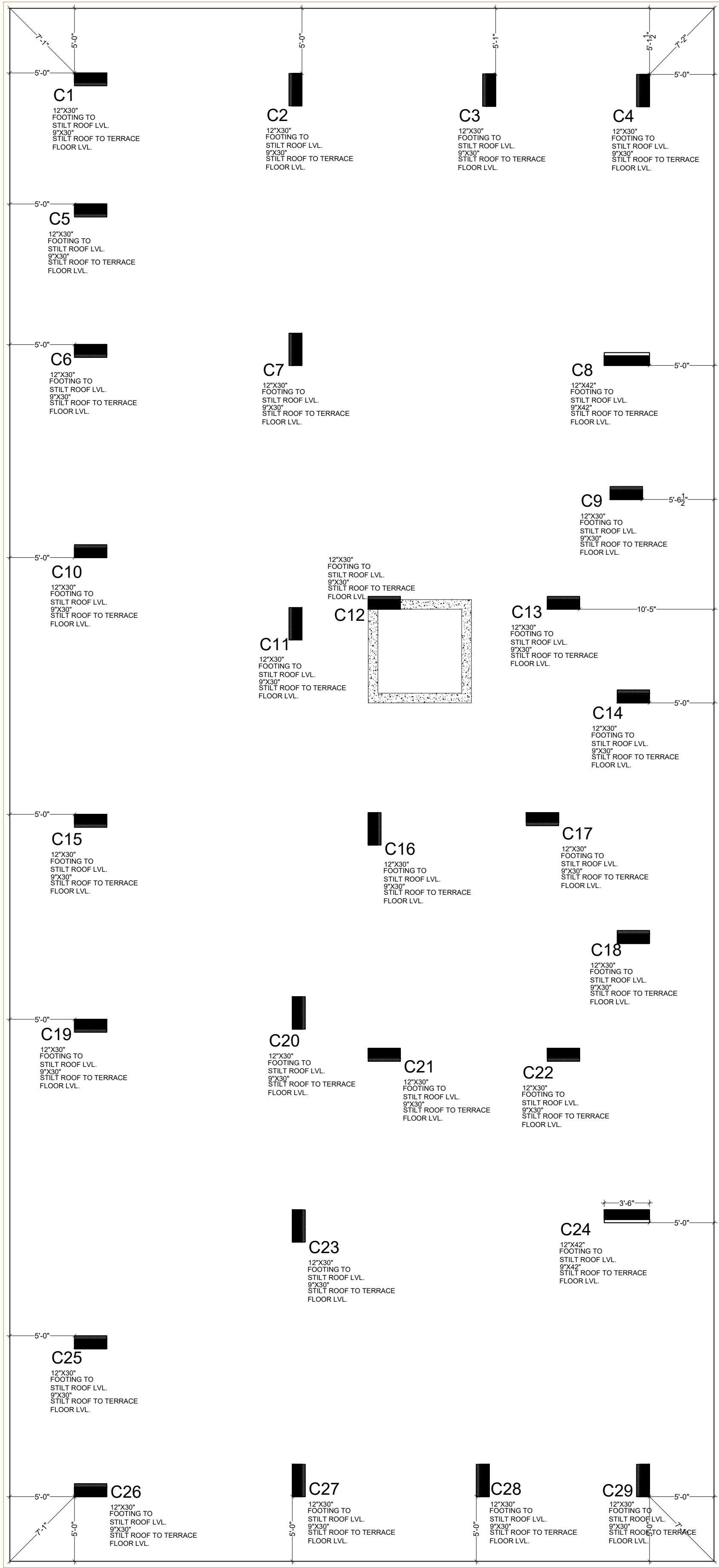




Er. Hemant Kachhwaha
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SK CREATIONS
Proprietor/Manager

STRUCTURE CONSULTANT

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Mobile-9461302542

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- (3). BAD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.

EXCAVATION CHECK :-

- (1). THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.
- (2). THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE DUE TO EARTHQUAKES.
- (3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
 - P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
 - P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
 - P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
 - P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS
- | | |
|-----------------------------------|----------------|
| * WALLS, COLUMNS AND VERTICAL | |
| FACES OF ALL MEMBERS | 36 TO 48 HOURS |
| * SLABS (PROPS LEFT UNDER) | 3 DAYS |
| * BEAM SOFFITS (PROPS LEFT UNDER) | 7 DAYS |
| * REMOVAL OF PROPS UNDER SLABS | |
| -SPANNING UP TO 4500 | 7 DAYS |
| -SPANNING OVER 4500 | 14 DAYS |
| * REMOVAL OF PROPS UNDER BEAMS | |
| -SPANNING UP TO 6000 | 14 DAYS |
| -SPANNING OVER 6000 | 21 DAYS |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- C3. DEVELOPMENT LENGTH FOR Fy = 500 N/mm² & 415 N/mm²

CONC. GRADE	Ldt-500	Ldc-500	Ldt-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

- R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
- R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
 - * FOUNDATION 50 mm. ALL AROUND
 - * COLUMNS 40 mm. ALL AROUND
 - * BEAMS 30 mm. ALL AROUND
 - * SLABS 20 mm. TOP & BOTTOM
 - * WALLS 25 mm. EARTH FACE
 - * WALLS 20 mm. INNER FACE

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-
 - * FOUNDATION -M-25
 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

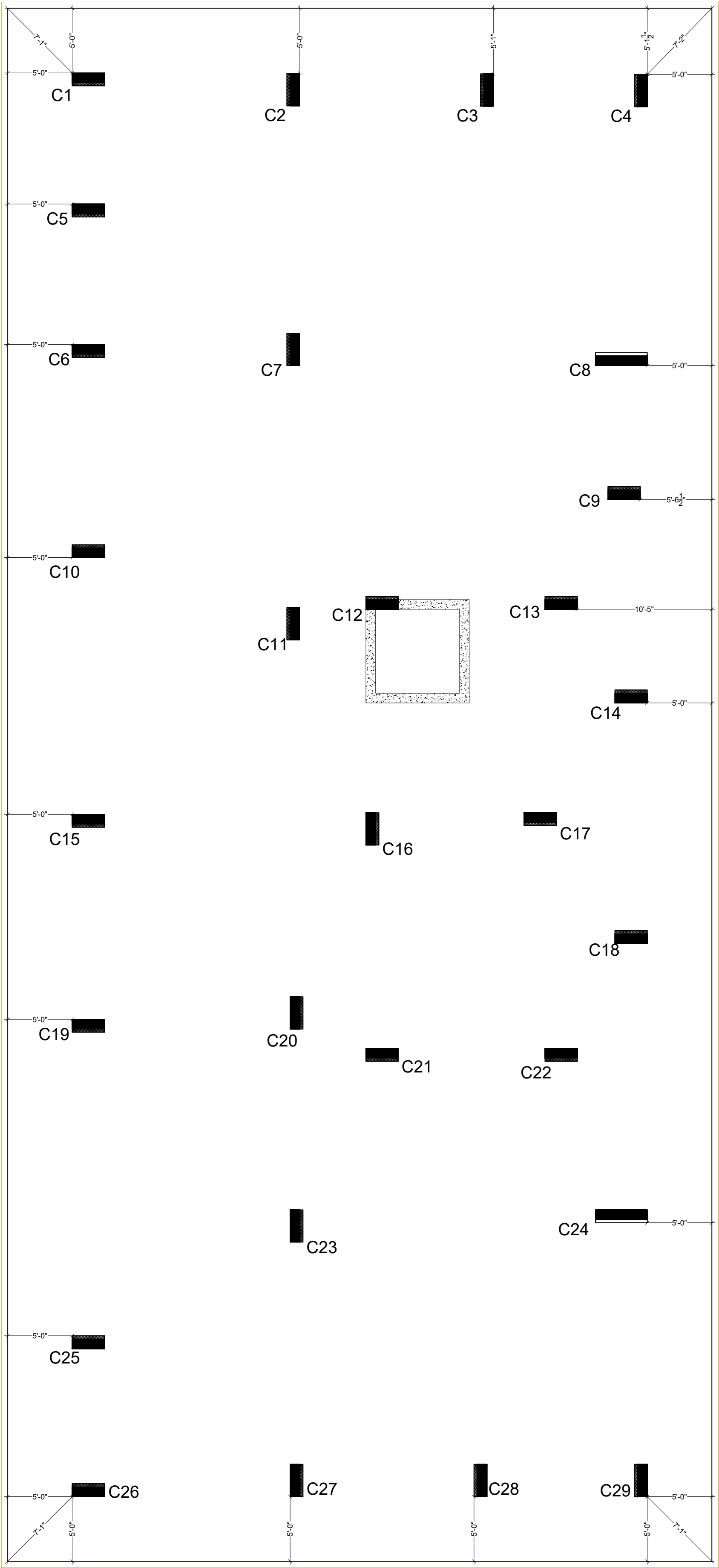
PROJECT

PROPOSED BUILDING AT PLOT NO.-R-17-259, CHORDIA CITY, JAIPUR

DRAWING TITLE

COLUMN MARKING PLAN

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	30.08.2024
REMARK:	



Er. Hemant Kachwaha
M.Tech(Str) B.E.(Civil)
SK CREATIONS
Proprietor/Manager

STRUCTURE CONSULTANT

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- (2). ANY DISCREPANCY IN THE DRAWING SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF ARCHITECT, PRIOR TO THE CONSTRUCTION.
- (3). BAD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.

EXCAVATION CHECK :-

- (1). THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.
- (2). THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE DUE TO EARTHQUAKES.
- (3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
- P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
- P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
- P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
- P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS
- | * WALLS, COLUMNS AND VERTICAL | |
|-------------------------------|----------------|
| FACES OF ALL MEMBERS | 36 TO 48 HOURS |
- | * SLABS (PROPS LEFT UNDER) | |
|----------------------------|--------|
| | 3 DAYS |
- | * BEAM SOFFITS (PROPS LEFT UNDER) | |
|-----------------------------------|--------|
| | 7 DAYS |
- | * REMOVAL OF PROPS UNDER SLABS | |
|--------------------------------|---------|
| -SPANNING UP TO 4500 | 7 DAYS |
| -SPANNING OVER 4500 | 14 DAYS |
- | * REMOVAL OF PROPS UNDER BEAMS | |
|--------------------------------|---------|
| -SPANNING UP TO 6000 | 14 DAYS |
| -SPANNING OVER 6000 | 21 DAYS |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- C3. DEVELOPMENT LENGTH FOR $F_y = 500 \text{ N/mm}^2$ & 415 N/mm^2

CONC. GRADE	Ldt-500	Ldc-500	Ldt-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

- R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
- R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm^2 .
- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | |
|--------------|---------------------|
| * FOUNDATION | 50 mm. ALL AROUND |
| * COLUMNS | 40 mm. ALL AROUND |
| * BEAMS | 30 mm. ALL AROUND |
| * SLABS | 20 mm. TOP & BOTTOM |
| * WALLS | 25 mm. EARTH FACE |
| * WALLS | 20 mm. INNER FACE |

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-
- * FOUNDATION -M-25
 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

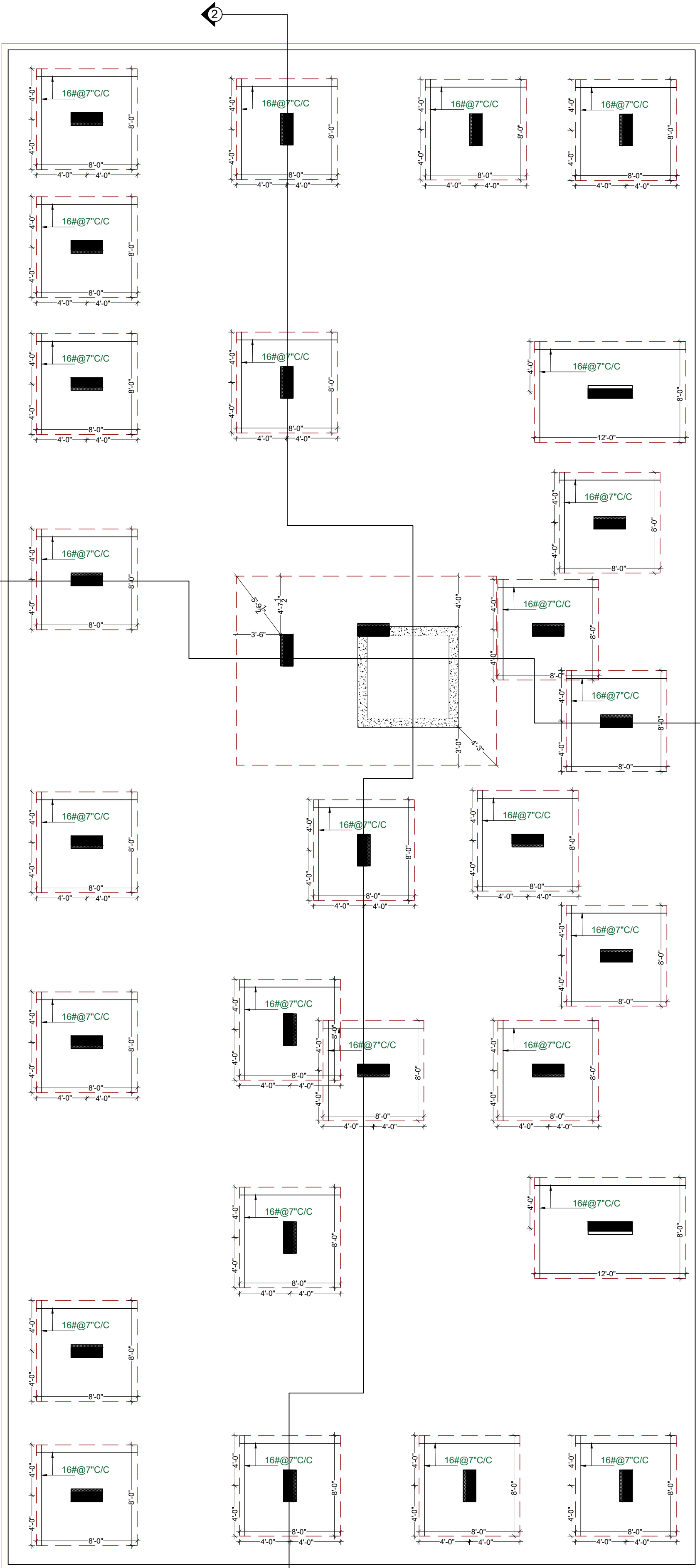
PROJECT

PROPOSED BUILDING AT PLOT NO.-R-17-259,
CHORDIA CITY, JAIPUR

DRAWING TITLE

FOUNDATION LAYOUT PLAN

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	30.08.2024
REMARK:	



Er. Hemant Kachhwaha
M.Tech(Str) B.E.(Civil)
S.K. CREATIONS
Proprietor/Manager

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- (3). BAD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.

EXCAVATION CHECK :-

- (1). THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.
- (2). THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE DUE TO EARTHQUAKES.
- (3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
- P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
- P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
- P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
- P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS
- | | |
|-----------------------------------|----------------|
| * WALLS, COLUMNS AND VERTICAL | |
| FACES OF ALL MEMBERS | 36 TO 48 HOURS |
| * SLABS (PROPS LEFT UNDER) | 3 DAYS |
| * BEAM SOFFITS (PROPS LEFT UNDER) | 7 DAYS |
| * REMOVAL OF PROPS UNDER SLABS | |
| -SPANNING UP TO 4500 | 7 DAYS |
| -SPANNING OVER 4500 | 14 DAYS |
| * REMOVAL OF PROPS UNDER BEAMS | |
| -SPANNING UP TO 6000 | 14 DAYS |
| -SPANNING OVER 6000 | 21 DAYS |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- C3. DEVELOPMENT LENGTH FOR $F_y = 500 \text{ N/mm}^2$ & 415 N/mm^2

CONC. GRADE	Ldt-500	Ldc-500	Ldt-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

- R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
- R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | |
|--------------|---------------------|
| * FOUNDATION | 50 mm. ALL AROUND |
| * COLUMNS | 40 mm. ALL AROUND |
| * BEAMS | 30 mm. ALL AROUND |
| * SLABS | 20 mm. TOP & BOTTOM |
| * WALLS | 25 mm. EARTH FACE |
| * WALLS | 20 mm. INNER FACE |

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-
 - * FOUNDATION -M-25
 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

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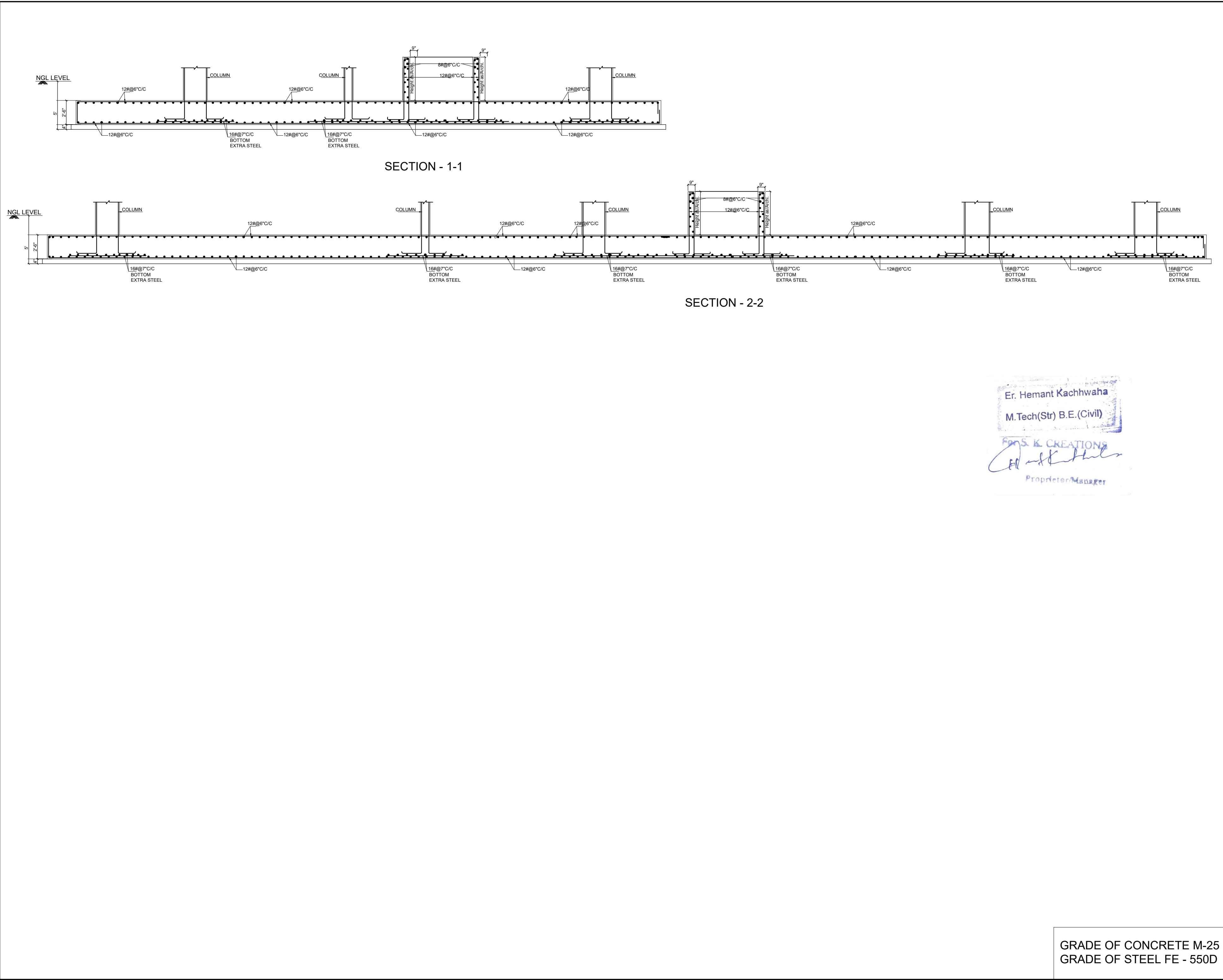
PROJECT

PROPOSED BUILDING AT PLOT NO.-R-17-259, CHORDIA CITY, JAIPUR

DRAWING TITLE

BOTTOM EXTRA STEEL

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	30.08.2024
REMARK:	



GRADE OF CONCRETE M-25
GRADE OF STEEL FE - 550D

STRUCTURE CONSULTANT

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EXCAVATION CHECK :-

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(2). THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE DUE TO EARTHQUAKES.

(3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.

P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.

P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES

P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.

P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS

* WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS	36 TO 48 HOURS
* SLABS (PROPS LEFT UNDER)	3 DAYS
* BEAM SOFFITS (PROPS LEFT UNDER)	7 DAYS
* REMOVAL OF PROPS UNDER SLABS	
-SPANNING UP TO 4500	7 DAYS
-SPANNING OVER 4500	14 DAYS
* REMOVAL OF PROPS UNDER BEAMS	
-SPANNING UP TO 6000	14 DAYS
-SPANNING OVER 6000	21 DAYS

CONCRETE :-

C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS

C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.

C3. DEVELOPMENT LENGTH FOR Fy = 550 N/mm² & 415 N/mm²

CONC. GRADE	Ldt-550	Ldc-550	Ldt-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786-2008.

R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².

R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

* FOUNDATION	50 mm. ALL AROUND
* COLUMNS	40 mm. ALL AROUND
* BEAMS	30 mm. ALL AROUND
* SLABS	20 mm. TOP & BOTTOM
* WALLS	25 mm. EARTH FACE
* WALLS	20 mm. INNER FACE

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-

* FOUNDATION -M-25

* COLUMNS - AS/SCHEDULES

* ROOF - M-25

(2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT
PLOT NO.-R-17-259,
CHORDIA CITY, JAIPUR

DRAWING TITLE

COLUMN SCHEDULE DETAIL [1]

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	30.08.2024
REMARK:	

STRUCTURE CONSULTANT

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CONSTRUCTION PRACTICE :-

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- | | |
|--|----------------|
| * WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS | 36 TO 48 HOURS |
| * SLABS (PROPS LEFT UNDER) | 3 DAYS |
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| * REMOVAL OF PROPS UNDER SLABS | |
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M-20	57Ø	46Ø	47Ø	38Ø
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M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

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R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².

R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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- * SLABS 20 mm. TOP & BOTTOM
- * WALLS 25 mm. EARTH FACE
- * WALLS 20 mm. INNER FACE

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-

- * FOUNDATION -M-25
- * COLUMNS - AS/SCHEDULES
- * ROOF - M-25

(2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT
PLOT NO.-R-17-259,
CHORDIA CITY, JAIPUR

DRAWING TITLE

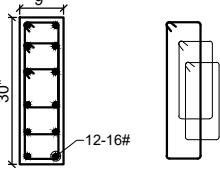
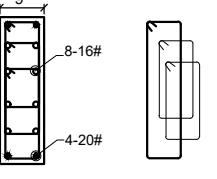
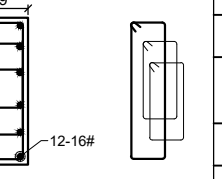
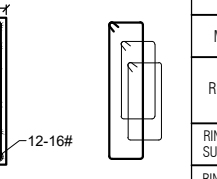
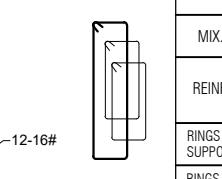
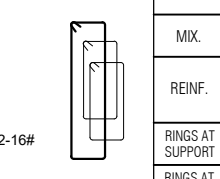
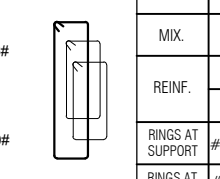
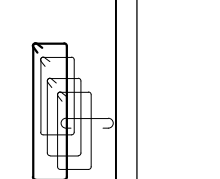
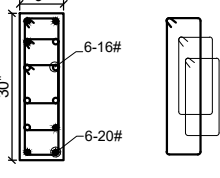
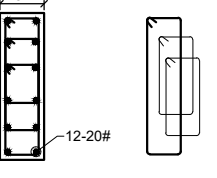
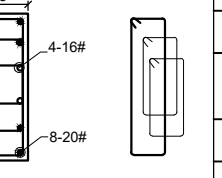
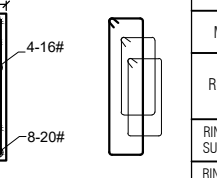
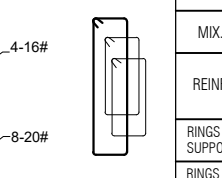
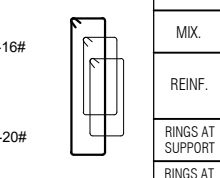
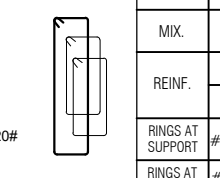
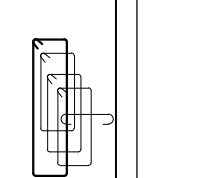
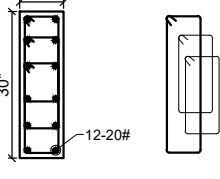
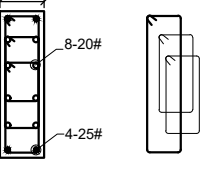
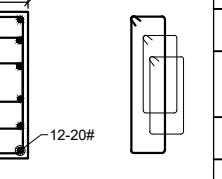
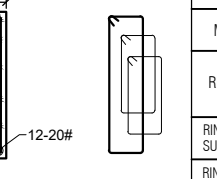
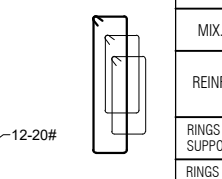
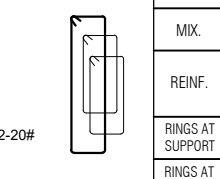
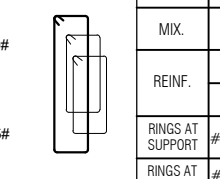
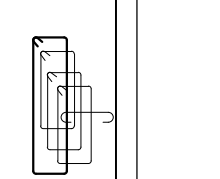
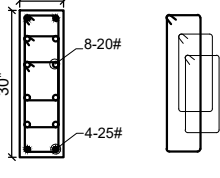
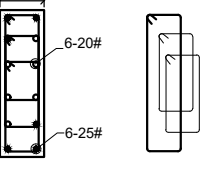
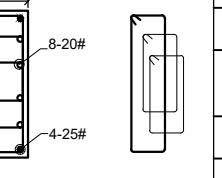
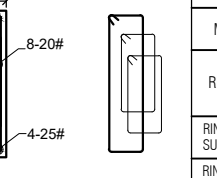
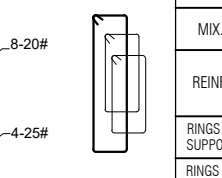
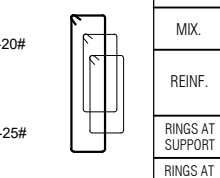
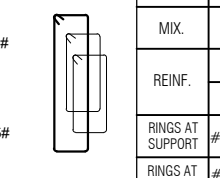
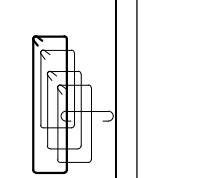
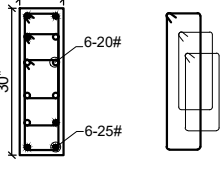
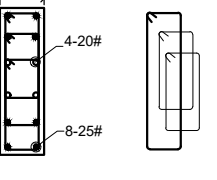
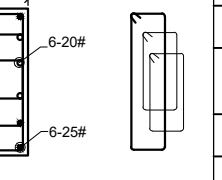
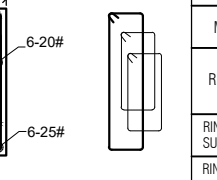
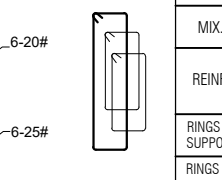
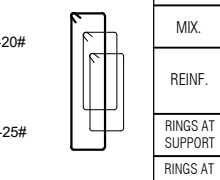
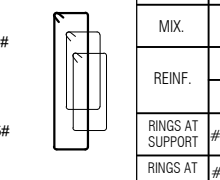
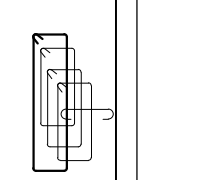
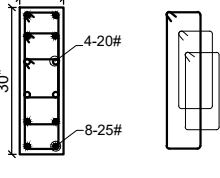
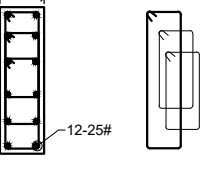
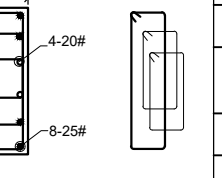
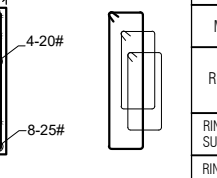
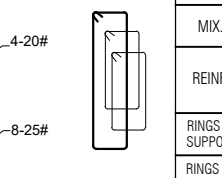
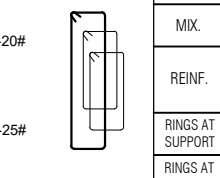
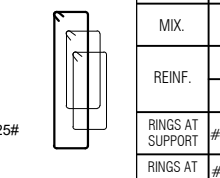
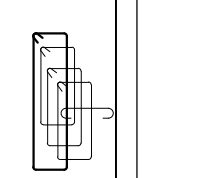
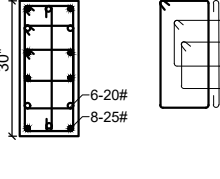
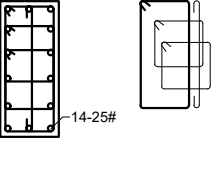
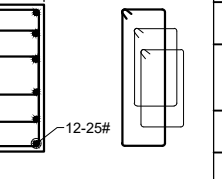
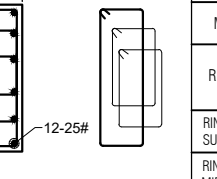
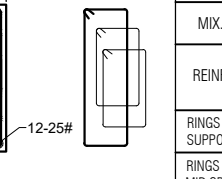
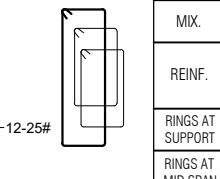
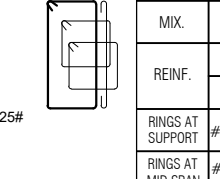
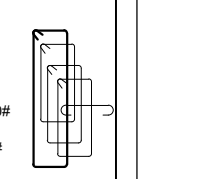
COLUMN SCHEDULE DETAIL [1]

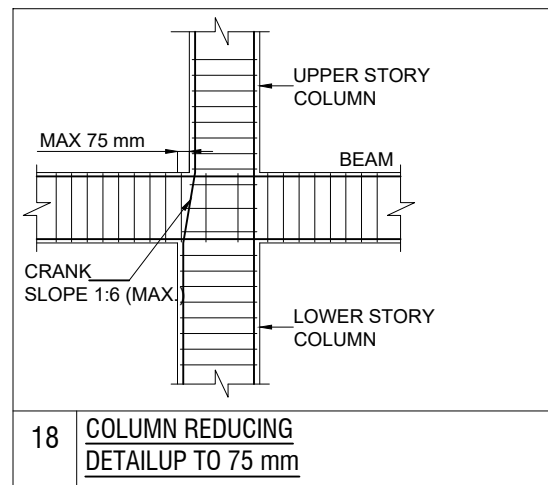
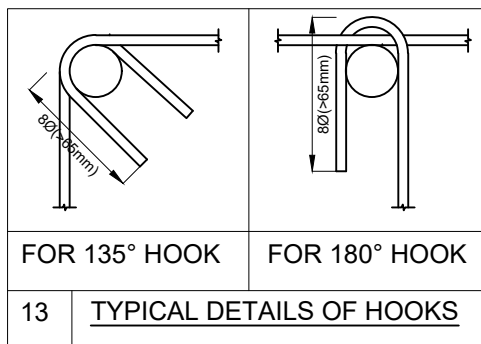
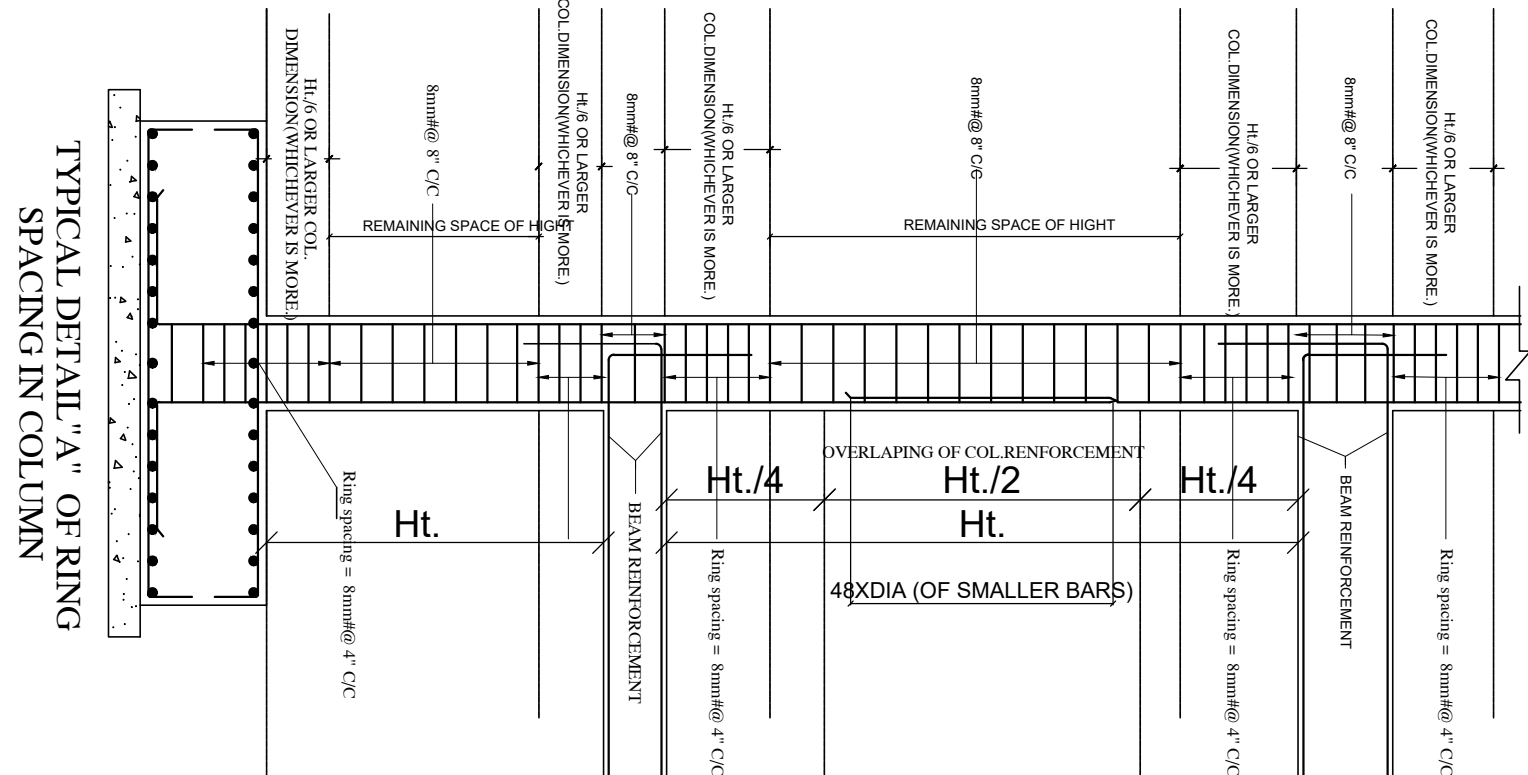
DRAWN BY: DEEPAK

CHECKED BY: HEMANT
KACHHWAHA

DATE: 30.08.2024

REMARK:

COLUMN	C1				C2				C3				C4				C5				C6				C7				C8											
FIFTH ROOF TO MUMTY ROOF																																								
FOURTH ROOF TO FIFTH ROOF	SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 42'			
	MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25			
	REINF.	12#16				REINF.	4#20 8#16				REINF.	12#16				REINF.	12#16				REINF.	12#16				REINF.	12#16				REINF.	12#16				REINF.	10#16 8#12			
	RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C			
	RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C			
THIRD ROOF TO FOURTH ROOF	SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 42'			
	MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25			
	REINF.	6#20 6#16				REINF.	12#20				REINF.	8#20 4#16				REINF.	8#20 4#16				REINF.	8#20 4#16				REINF.	8#20 4#16				REINF.	8#20 4#16				REINF.	18#16			
	RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C			
	RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C			
SECOND ROOF TO THIRD ROOF	SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 42'			
	MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25			
	REINF.	12#20				REINF.	4#25 8#20				REINF.	12#20				REINF.	12#20				REINF.	12#20				REINF.	12#20				REINF.	12#20				REINF.	6#20 12#16			
	RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C			
	RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C			
FIRST ROOF TO SECOND ROOF	SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 42'			
	MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25			
	REINF.	4#25 8#20				REINF.	6#25 8#20				REINF.	4#25 8#20				REINF.	4#25 8#20				REINF.	4#25 8#20				REINF.	4#25 8#20				REINF.	4#25 8#20				REINF.	10#20 8#16			
	RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C			
	RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C			
GROUND ROOF TO FIRST ROOF	SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 42'			
	MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25			
	REINF.	6#25 6#20				REINF.	8#25 4#20				REINF.	6#25 6#20				REINF.	6#25 6#20				REINF.	6#25 6#20				REINF.	6#25 6#20				REINF.	6#25 6#20				REINF.	18#20			
	RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C			
	RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C			
STILT ROOF TO GROUND ROOF	SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 30'				SIZE	9' x 42'			
	MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25			
	REINF.	8#25 4#20				REINF.	12#25				REINF.	8#25 4#20				REINF.	8#25 4#20				REINF.	8#25 4#20				REINF.	8#25 4#20				REINF.	8#25 4#20				REINF.	4#25 14#20			
	RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C			
	RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C			
FOUNDATION TO STILT ROOF	SIZE	12' x 30'				SIZE	12' x 30'				SIZE	12' x 30'				SIZE	12' x 30'				SIZE	12' x 30'				SIZE	12' x 30'				SIZE	12' x 30'				SIZE	12' x 42'			
	MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25				MIX.	M-25			
	REINF.	8#25 6#20				REINF.	14#25				REINF.	12-25				REINF.	12-25				REINF.	12-25				REINF.	12-25				REINF.	12-25				REINF.	8#25 12#20			
	RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C				RINGS AT SUPPORT	#8@4"C/C			
	RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C				RINGS AT MID SPAN	#8@8"C/C			



Er. Hemant Kachhwa
M.Tech(Str) B.E.(Civil)
S.K. CREATIONS
Proprietor/Manager

GRADE OF CONCRETE M-25
GRADE OF STEEL FE - 550D

Diagram illustrating the detail of a column reducing to 75 mm at a beam level. The diagram shows the upper story column, the beam, and the lower story column. The column is cranked with a slope of 1:6 (maximum) to reduce its width to 75 mm at the beam level. Labels include: MAX 75 mm, UPPER STORY COLUMN, BEAM, CRANK SLOPE 1:6 (MAX), and LOWER STORY COLUMN.

Proprietor/Manager

GRADE OF CONCRETE M-25
GRADE OF STEEL FE - 550D

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA, JAIPUR

(RAJASTHAN) 302018

Email -skcreations.hk@gmail.com

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ARCHITECTS



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GENERAL NOTES :-

- (1). DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.
- (2). ANY DISCREPANCY IN THE DRAWING SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF ARCHITECT, PRIOR TO THE CONSTRUCTION.
- (3). BAD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.

EXCAVATION CHECK :-

- (1). THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.
- (2). THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE TO EARTHQUAKES.
- (3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
- P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL, SAND WITHOUT GRAVEL AND PEBBLES.
- P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES
- P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
- P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS
- | | |
|--|----------------|
| * WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS | 36 TO 48 HOURS |
| * SLABS (PROPS LEFT UNDER) | 3 DAYS |
| * BEAM SOFFITS (PROPS LEFT UNDER) | 7 DAYS |
| * REMOVAL OF PROPS UNDER SLABS | |
| -SPANNING UP TO 4500 | 7 DAYS |
| -SPANNING OVER 4500 | 14 DAYS |
| * REMOVAL OF PROPS UNDER BEAMS | |
| -SPANNING UP TO 6000 | 14 DAYS |
| -SPANNING OVER 6000 | 21 DAYS |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- C3. DEVELOPMENT LENGTH FOR $F_y = 550 \text{ N/mm}^2$ & 415 N/mm^2

CONC. GRADE	Ltd-550	Ldc-550	Ltd-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

- R1. ALL REINFORCING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786-2008.
- R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 550D N/mm².
- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | |
|--------------|---------------------|
| * FOUNDATION | 50 mm. ALL AROUND |
| * COLUMNS | 40 mm. ALL AROUND |
| * BEAMS | 30 mm. ALL AROUND |
| * SLABS | 20 mm. TOP & BOTTOM |
| * WALLS | 25 mm. EARTH FACE |
| * WALLS | 20 mm. INNER FACE |

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-
 - * FOUNDATION -M-25
 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT
PLOT NO.-R-17-259,
CHORDIA CITY, JAIPUR

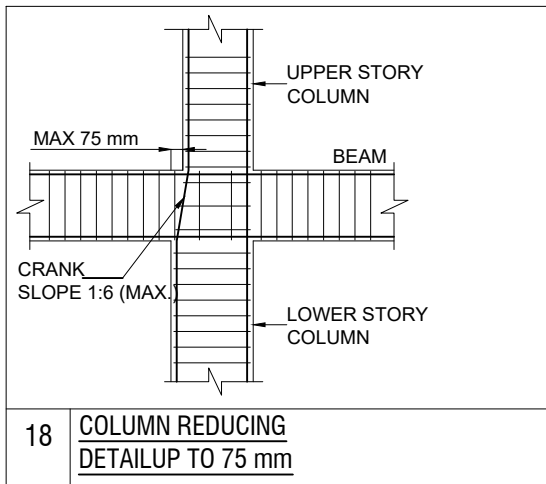
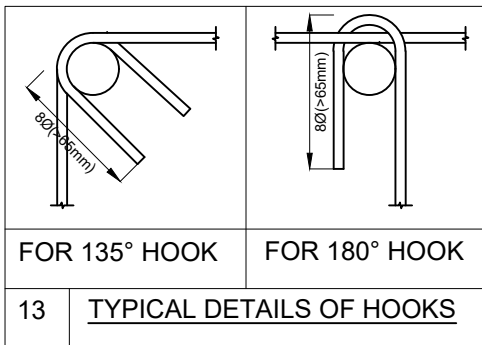
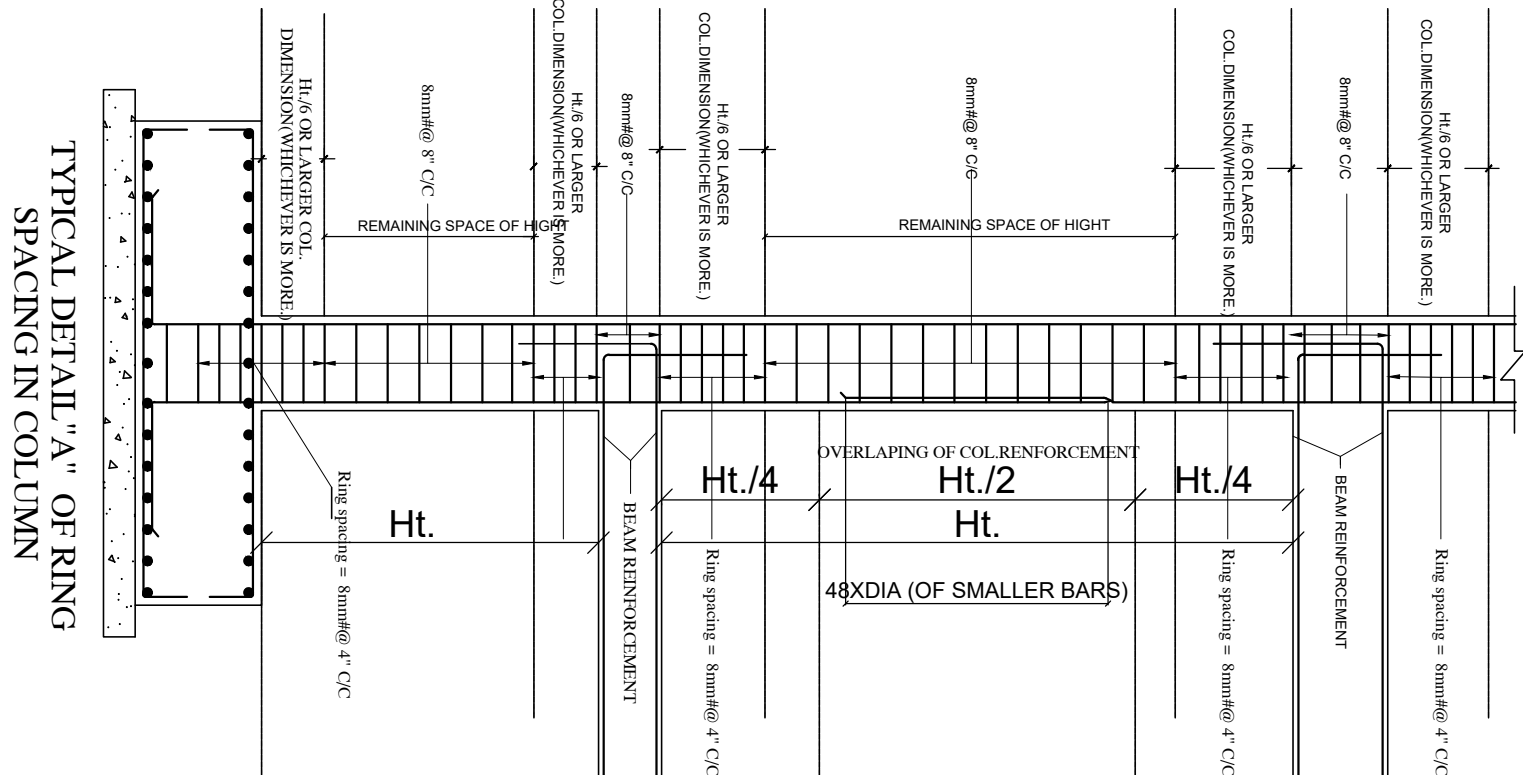
DRAWING TITLE

COLUMN SCHEDULE DETAIL [3]

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	30.08.2024
REMARK:	

GRADE OF CONCRETE M-25
GRADE OF STEEL FE - 550D

COLUMN	C17				C18				C19				C20				C21				C22				C23				C24			
FIFTH ROOF TO MUMTY ROOF																																
FOURTH ROOF TO FIFTH ROOF	SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 42'		
	MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25		
	REINF.	4#20 8#16			REINF.	12#16 -----			REINF.	4#20 8#16			REINF.	12#16 -----			REINF.	4#20 8#16			REINF.	12#16 -----			REINF.	4#20 8#16			REINF.	10#16 8#12		
	RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		
	RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C		
THIRD ROOF TO FOURTH ROOF	SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 42'		
	MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25		
	REINF.	12#20 -----			REINF.	8#20 4#16			REINF.	12#20 -----			REINF.	8#20 4#16			REINF.	12#20 -----			REINF.	8#20 4#16			REINF.	12#20 -----			REINF.	18#16 -----		
	RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		
	RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C		
SECOND ROOF TO THIRD ROOF	SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 42'		
	MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25		
	REINF.	4#25 8#20			REINF.	12#20 -----			REINF.	4#25 8#20			REINF.	12#20 -----			REINF.	4#25 8#20			REINF.	12#20 -----			REINF.	4#25 8#20			REINF.	6#20 12#16		
	RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		
	RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C		
FIRST ROOF TO SECOND ROOF	SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 42'		
	MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25		
	REINF.	6#25 6#20			REINF.	4#25 8#20			REINF.	6#25 6#20			REINF.	4#25 8#20			REINF.	6#25 6#20			REINF.	4#25 8#20			REINF.	6#25 6#20			REINF.	10#20 8#16		
	RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		
	RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C		
GROUND ROOF TO FIRST ROOF	SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 42'		
	MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25		
	REINF.	8#25 4#20			REINF.	6#25 4#20			REINF.	8#25 4#20			REINF.	6#25 4#20			REINF.	8#25 4#20			REINF.	6#25 4#20			REINF.	8#25 4#20			REINF.	18#20 -----		
	RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		
	RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C		
STILT ROOF TO GROUND ROOF	SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 30'			SIZE	9' x 42'		
	MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25		
	REINF.	12#25 -----			REINF.	8#25 4#20			REINF.	12#25 -----			REINF.	8#25 4#20			REINF.	12#25 -----			REINF.	8#25 4#20			REINF.	12#25 -----			REINF.	14#20 -----		
	RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		
	RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C		
FOUNDATION TO STILT ROOF	SIZE	12' x 30'			SIZE	12' x 30'			SIZE	12' x 30'			SIZE	12' x 30'			SIZE	12' x 30'			SIZE	12' x 30'			SIZE	12' x 30'			SIZE	12' x 42'		
	MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25			MIX.	M-25		
	REINF.	14#25 -----			REINF.	12#25 -----			REINF.	14#25 -----			REINF.	12#25 -----			REINF.	14#25 -----			REINF.	12#25 -----			REINF.	14#25 -----			REINF.	12#20 -----		
	RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		
	RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C			RINGS AT MID SPAN	#8@8"C/C		



Er. Hemant Kachhwaha
M.Tech(Str) B.E.(Civil)
S.K. CREATIONS
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- (2). THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE DUE TO EARTHQUAKES.
- (3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
- P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
- P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES
- P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
- P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS
- | | |
|--|----------------|
| * WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS | 36 TO 48 HOURS |
| * SLABS (PROPS LEFT UNDER) | 3 DAYS |
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| * REMOVAL OF PROPS UNDER SLABS | |
| -SPANNING UP TO 4500 | 7 DAYS |
| -SPANNING OVER 4500 | 14 DAYS |
| * REMOVAL OF PROPS UNDER BEAMS | |
| -SPANNING UP TO 6000 | 14 DAYS |
| -SPANNING OVER 6000 | 21 DAYS |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- C3. DEVELOPMENT LENGTH FOR $F_y = 550 \text{ N/mm}^2$ & 415 N/mm^2

CONC. GRADE	Ldt-550	Ldc-550	Ldt-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

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- R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | |
|--------------|---------------------|
| * FOUNDATION | 50 mm. ALL AROUND |
| * COLUMNS | 40 mm. ALL AROUND |
| * BEAMS | 30 mm. ALL AROUND |
| * SLABS | 20 mm. TOP & BOTTOM |
| * WALLS | 25 mm. EARTH FACE |
| * WALLS | 20 mm. INNER FACE |

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-
 - * FOUNDATION -M-25
 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT
PLOT NO.-R-17-259,
CHORDIA CITY, JAIPUR

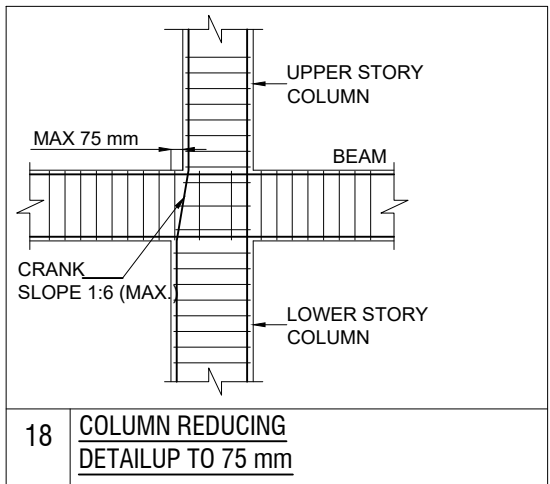
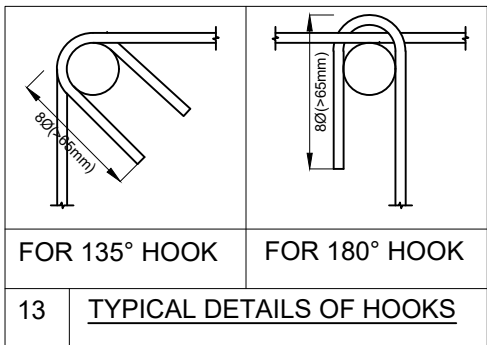
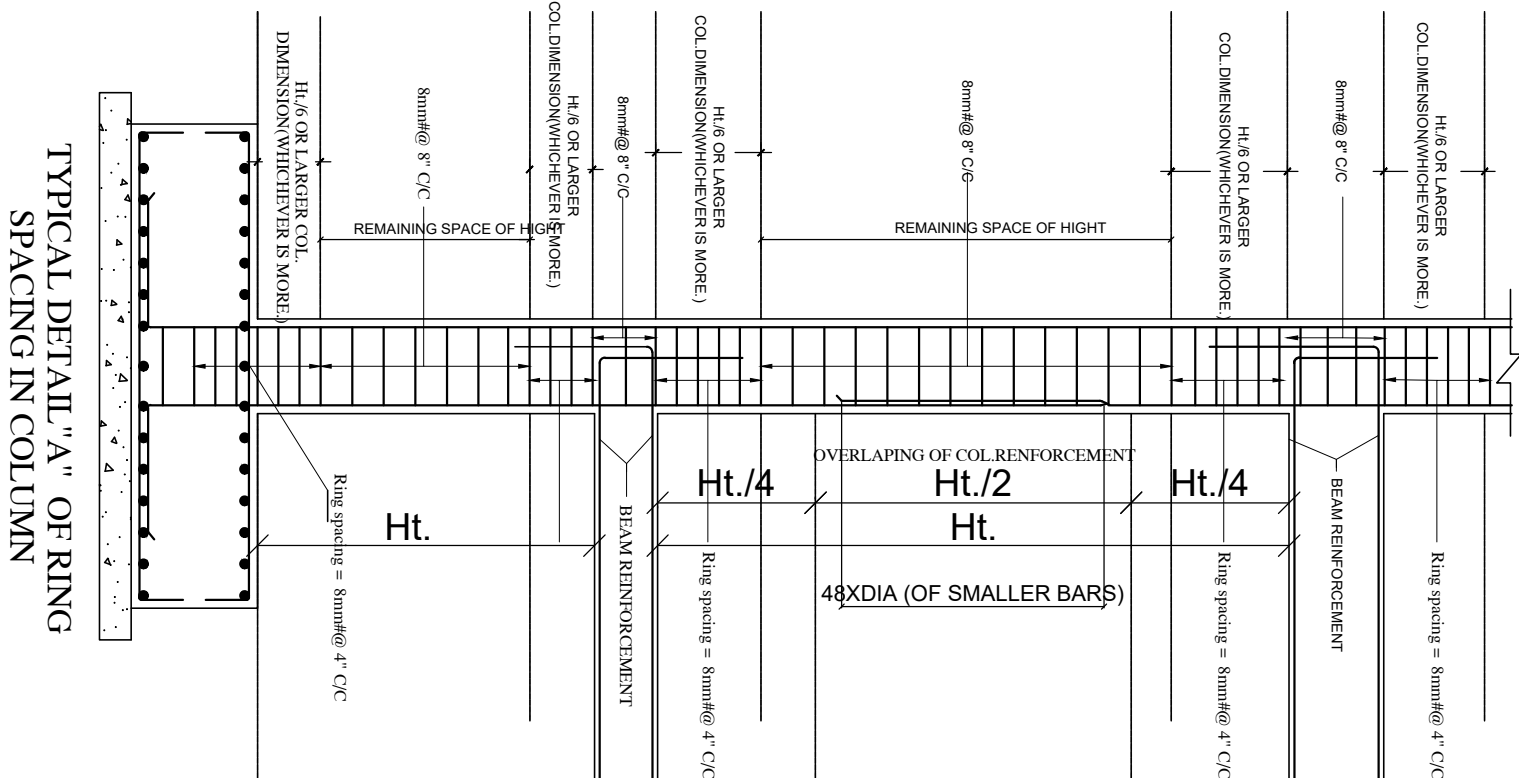
DRAWING TITLE

COLUMN SCHEDULE DETAIL [4]

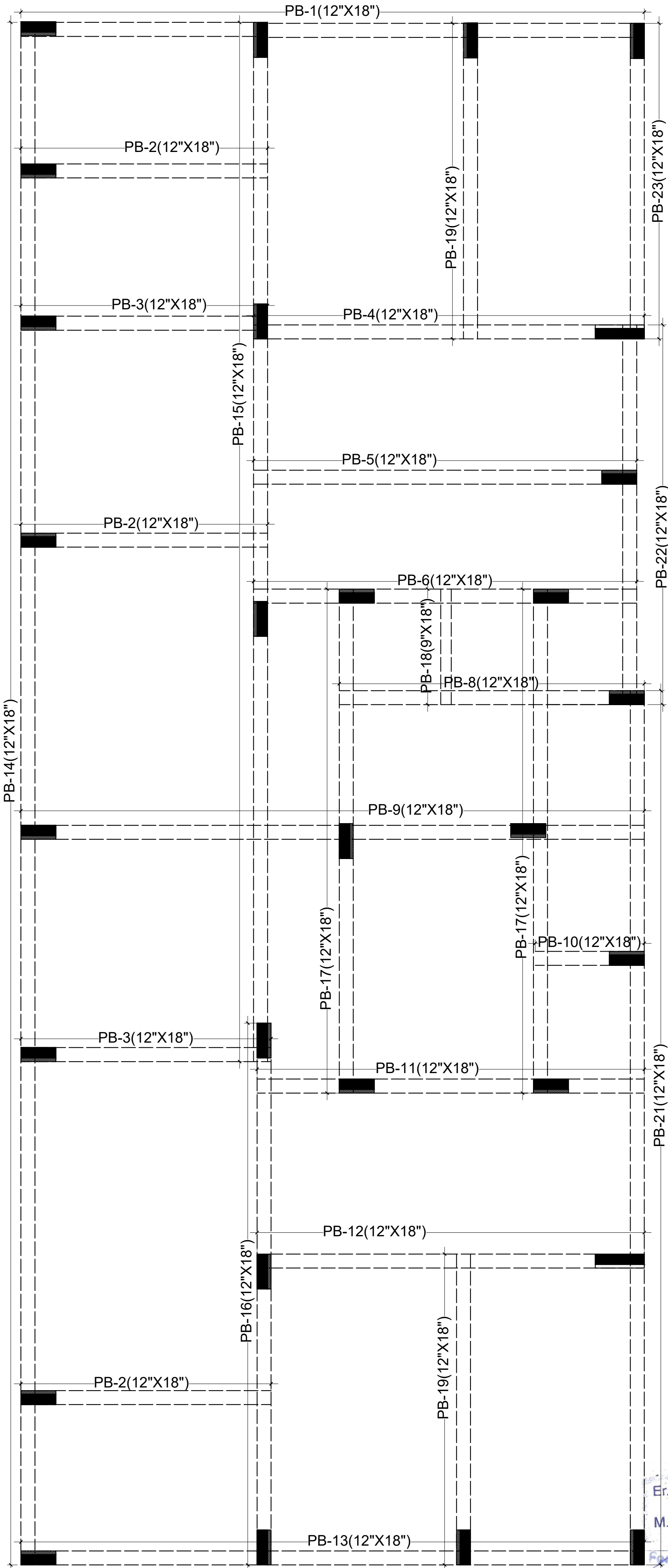
DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	30.08.2024
REMARK:	

GRADE OF CONCRETE M-25
GRADE OF STEEL FE - 550D

COLUMN	C25	C26	C27	C28	C29
FIFTH ROOF TO MUMTY ROOF					
FOURTH ROOF TO FIFTH ROOF	SIZE 9' x 30' MIX. M-25 REINF. 4#20 8#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 12#16 8#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 4#20 8#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 12#16 8#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 12#16 8#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C
THIRD ROOF TO FOURTH ROOF	SIZE 9' x 30' MIX. M-25 REINF. 12#20 4#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 8#20 4#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 12#20 4#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 8#20 4#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 8#20 4#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C
SECOND ROOF TO THIRD ROOF	SIZE 9' x 30' MIX. M-25 REINF. 4#25 8#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 12#20 8#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 4#25 8#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 12#20 8#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 12#20 8#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C
FIRST ROOF TO SECOND ROOF	SIZE 9' x 30' MIX. M-25 REINF. 6#25 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 4#25 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 6#20 6#25 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 4#25 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 4#25 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C
GROUND ROOF TO FIRST ROOF	SIZE 9' x 30' MIX. M-25 REINF. 6#25 4#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 6#25 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 4#20 6#25 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 6#20 6#25 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 6#20 6#25 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C
STILT ROOF TO GROUND ROOF	SIZE 9' x 30' MIX. M-25 REINF. 12#25 4#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 8#25 4#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 12#25 4#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 8#25 4#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 9' x 30' MIX. M-25 REINF. 4#20 8#25 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C
FOUNDATION TO STILT ROOF	SIZE 12' x 30' MIX. M-25 REINF. 14#25 8#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 12' x 30' MIX. M-25 REINF. 12-25 8#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 12' x 30' MIX. M-25 REINF. 14#25 8#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 12' x 30' MIX. M-25 REINF. 12-25 8#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C	SIZE 12' x 30' MIX. M-25 REINF. 12-25 8#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C



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(RAJASTHAN) 302018
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ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER
C-49 VIDYA APARTMENT PARAS MARG,
BAPU NAGAR JAIPUR, (RAJ.)
Email-afranksquare@gmail.com
Mobile-9461302542

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- (3). BAD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.

EXCAVATION CHECK :-

- (1). THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.
- (2). THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE DUE TO EARTHQUAKES.
- (3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
- P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
- P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
- P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
- P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS
- | | |
|-----------------------------------|----------------|
| * WALLS, COLUMNS AND VERTICAL | |
| FACES OF ALL MEMBERS | 36 TO 48 HOURS |
| * SLABS (PROPS LEFT UNDER) | 3 DAYS |
| * BEAM SOFFITS (PROPS LEFT UNDER) | 7 DAYS |
| * REMOVAL OF PROPS UNDER SLABS | |
| -SPANNING UP TO 4500 | 7 DAYS |
| -SPANNING OVER 4500 | 14 DAYS |
| * REMOVAL OF PROPS UNDER BEAMS | |
| -SPANNING UP TO 6000 | 14 DAYS |
| -SPANNING OVER 6000 | 21 DAYS |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- C3. DEVELOPMENT LENGTH FOR $F_y = 500 \text{ N/mm}^2$ & 415 N/mm^2

CONC. GRADE	Ldt-500	Ldc-500	Ldt-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

- R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
- R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm^2 .
- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | |
|--------------|---------------------|
| * FOUNDATION | 50 mm. ALL AROUND |
| * COLUMNS | 40 mm. ALL AROUND |
| * BEAMS | 30 mm. ALL AROUND |
| * SLABS | 20 mm. TOP & BOTTOM |
| * WALLS | 25 mm. EARTH FACE |
| * WALLS | 20 mm. INNER FACE |

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-
 - * FOUNDATION -M-25
 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT PLOT NO.-R-17-259, CHORDIA CITY, JAIPUR

DRAWING TITLE

PLINTH BEAM SHUTTERING LAYOUT PLAN

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	11.09.2024
REMARK:	



ARCHITECTURE | PLANNER | DESIGNER

C-49 VIDYA APARTMENT PARAS MARG,

BAPU NAGAR JAIPUR, (RAJ.)

Email-afranksquare@gmail.com

Mobile-9461302542

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P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS

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* SLABS (PROPS LEFT UNDER)	3 DAYS
* BEAM SOFFITS (PROPS LEFT UNDER)	7 DAYS
* REMOVAL OF PROPS UNDER SLABS	
-SPANNING UP TO 4500	7 DAYS
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M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
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R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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* COLUMNS	40 mm. ALL AROUND
* BEAMS	30 mm. ALL AROUND
* SLABS	20 mm. TOP & BOTTOM
* WALLS	25 mm. EARTH FACE
* WALLS	20 mm. INNER FACE

DESIGN DATA :-

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- * FOUNDATION -M-25
- * COLUMNS - AS/SCHEDULES
- * ROOF - M-25

(2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT

PLOT NO.-R-17-259,

CHORDIA CITY, JAIPUR

DRAWING TITLE

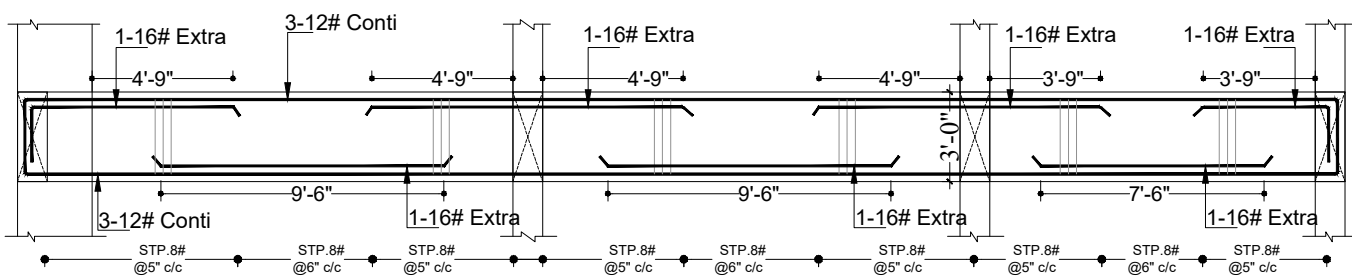
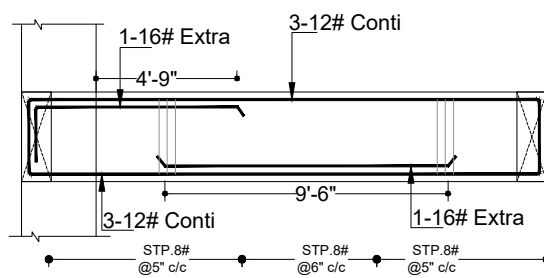
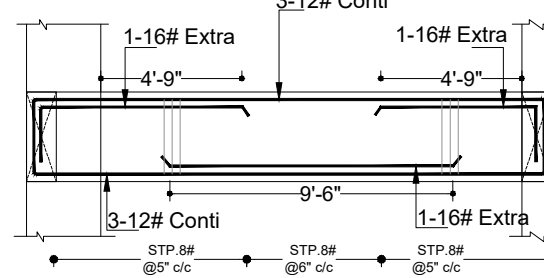
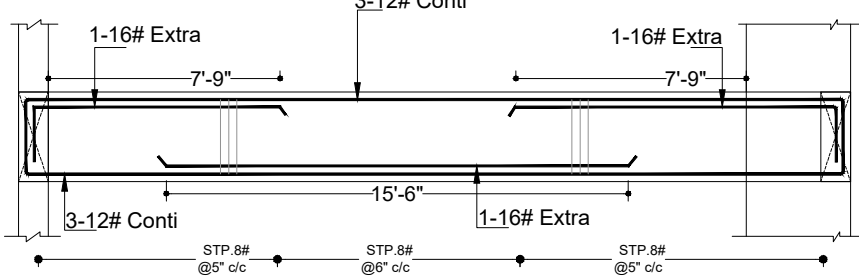
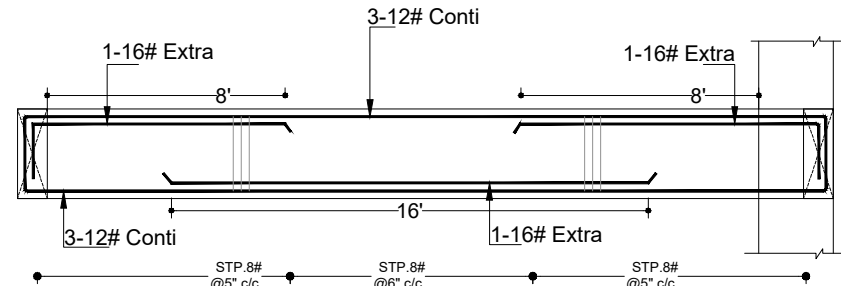
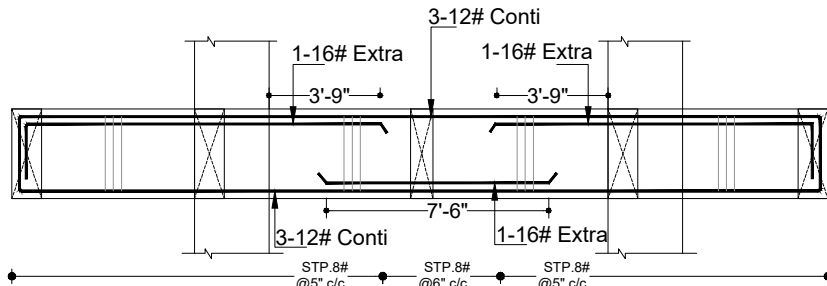
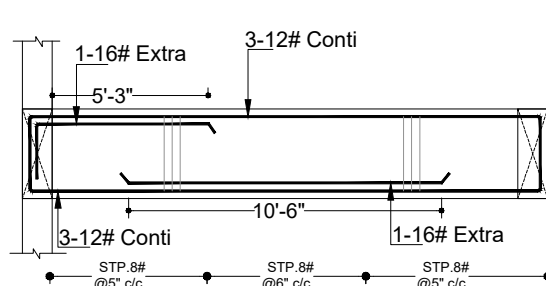
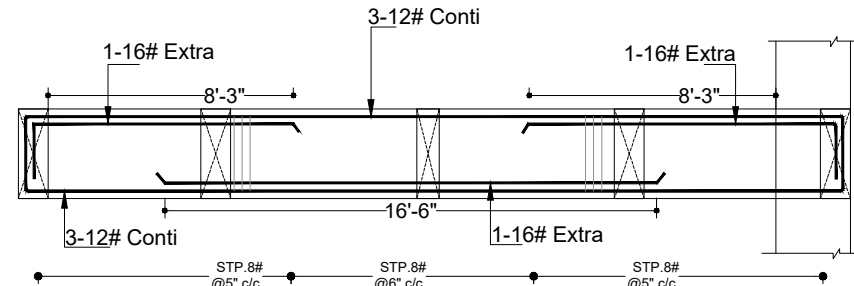
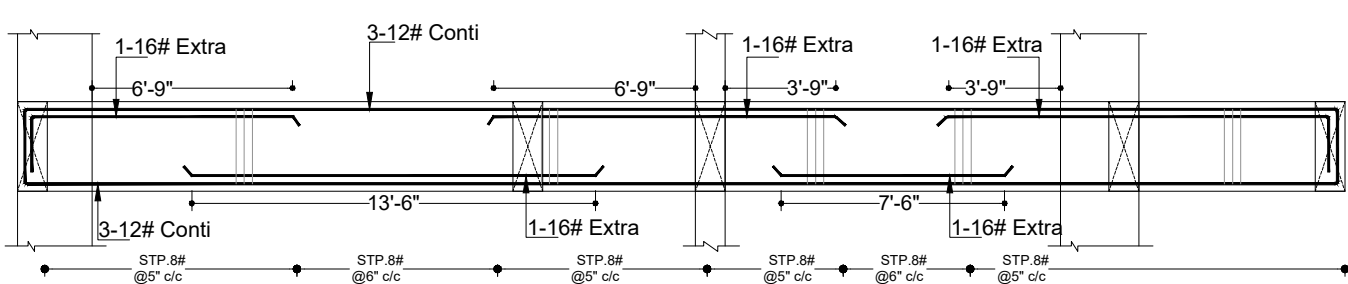
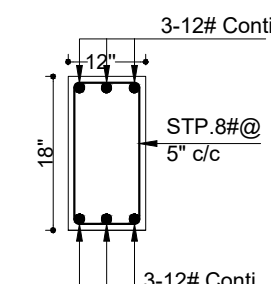
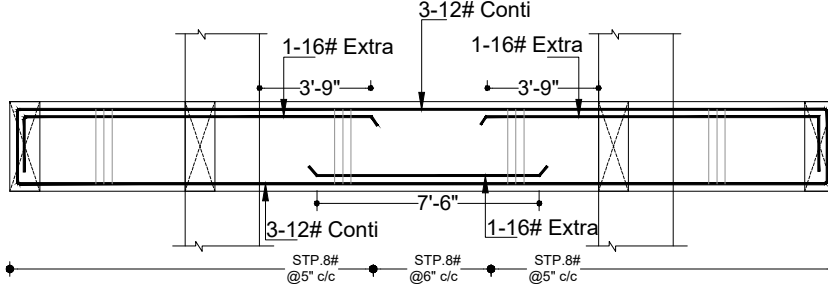
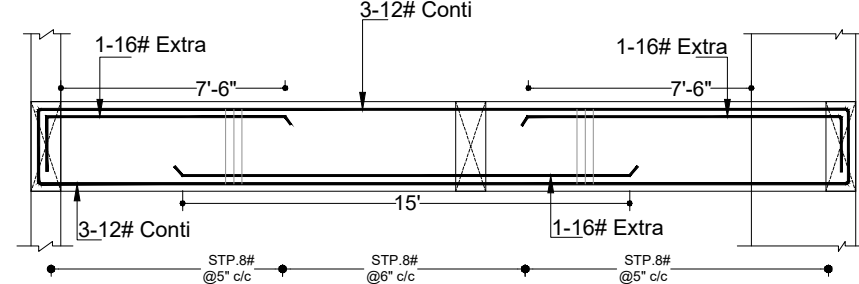
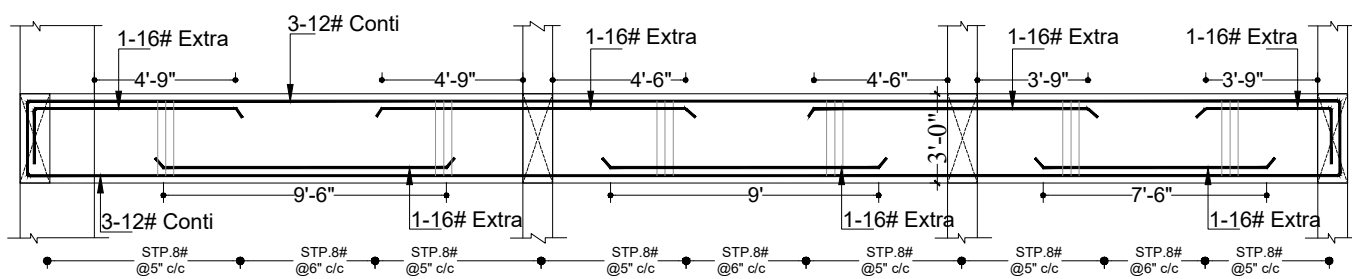
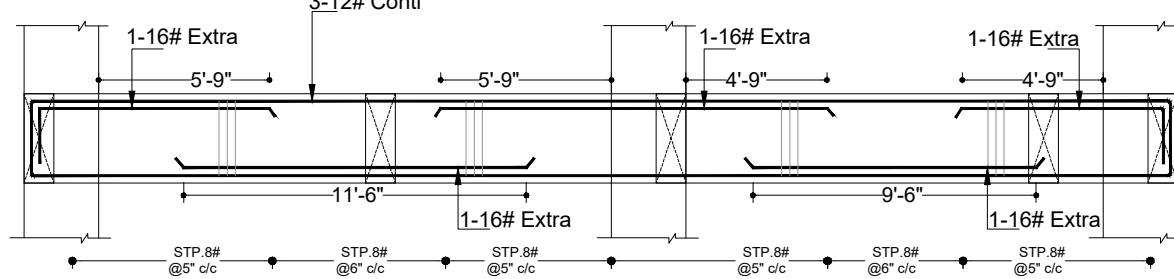
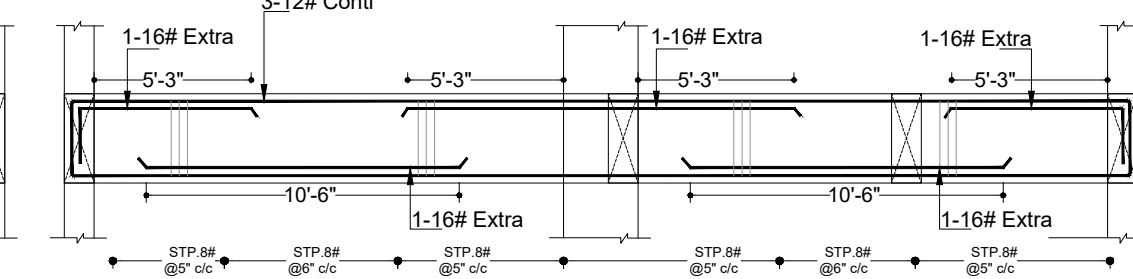
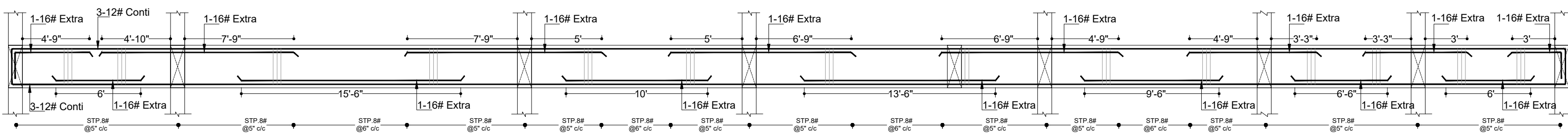
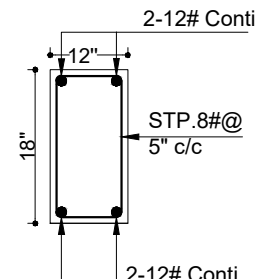
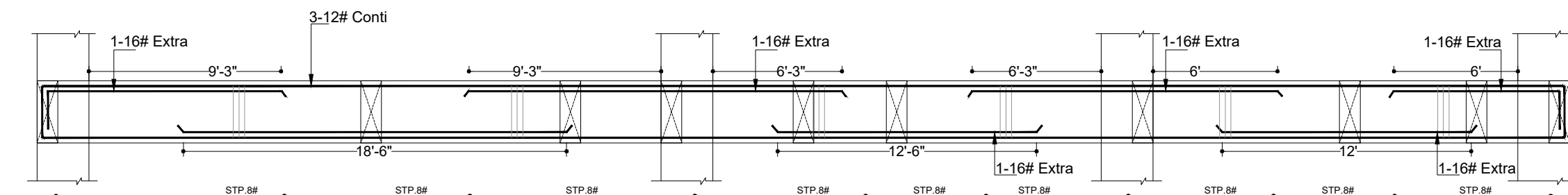
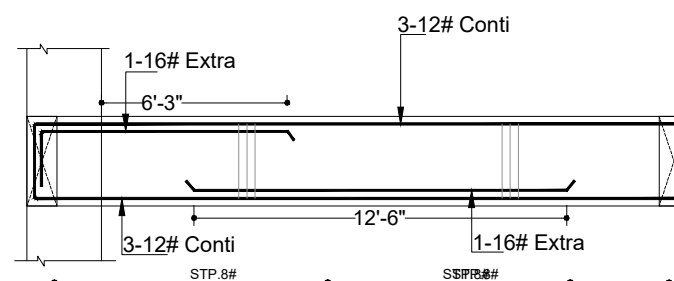
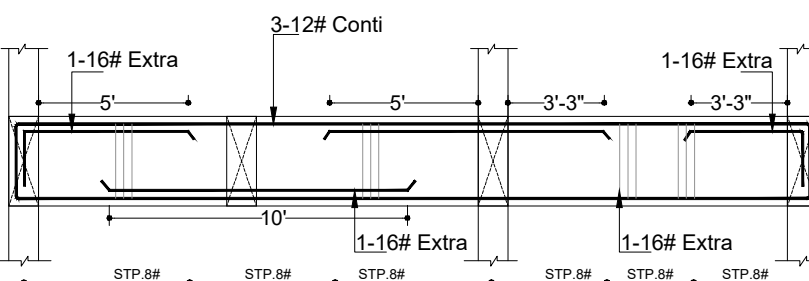
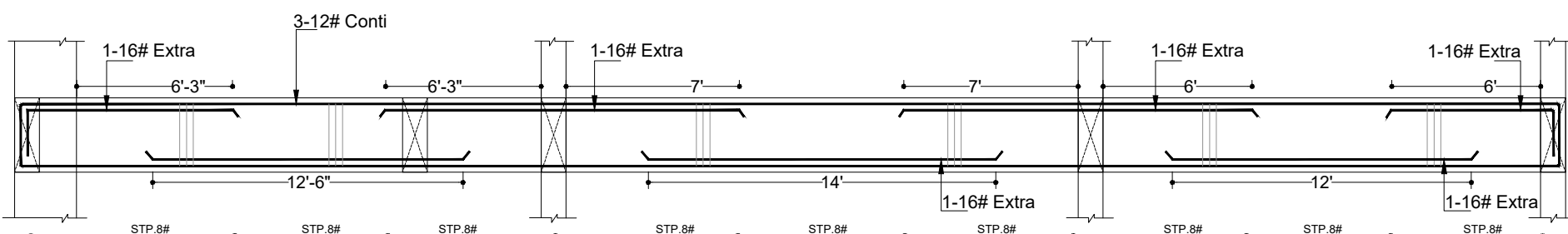
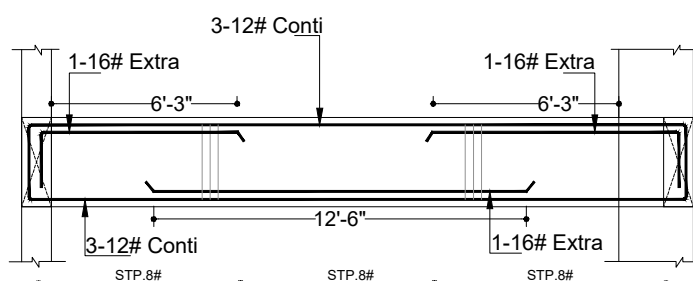
PLINTH BEAM DETAIL

DRAWN BY: DEEPAK

CHECKED BY: HEMANT KACHHWAHA

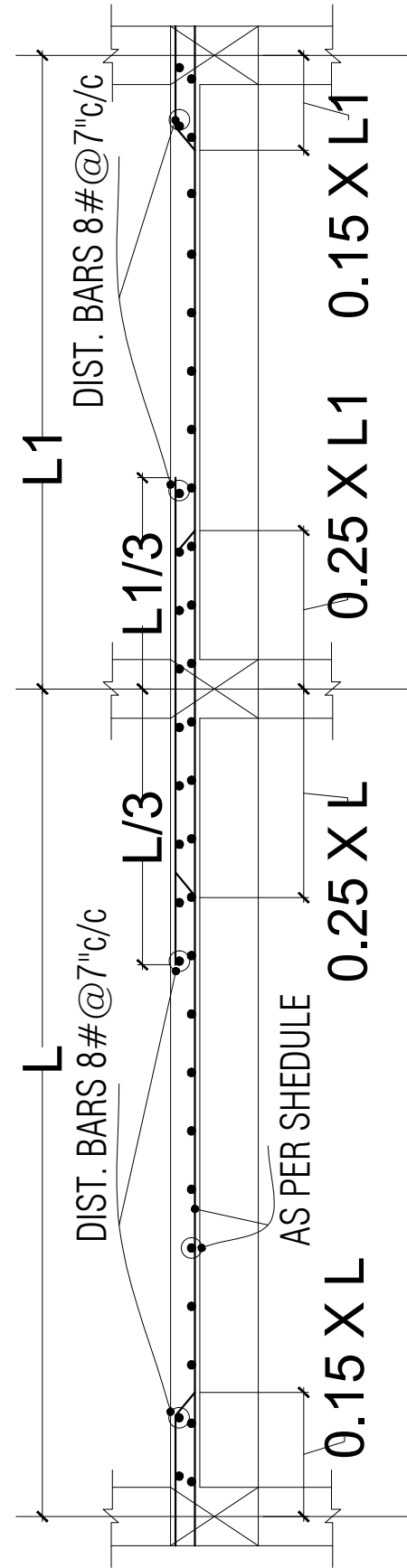
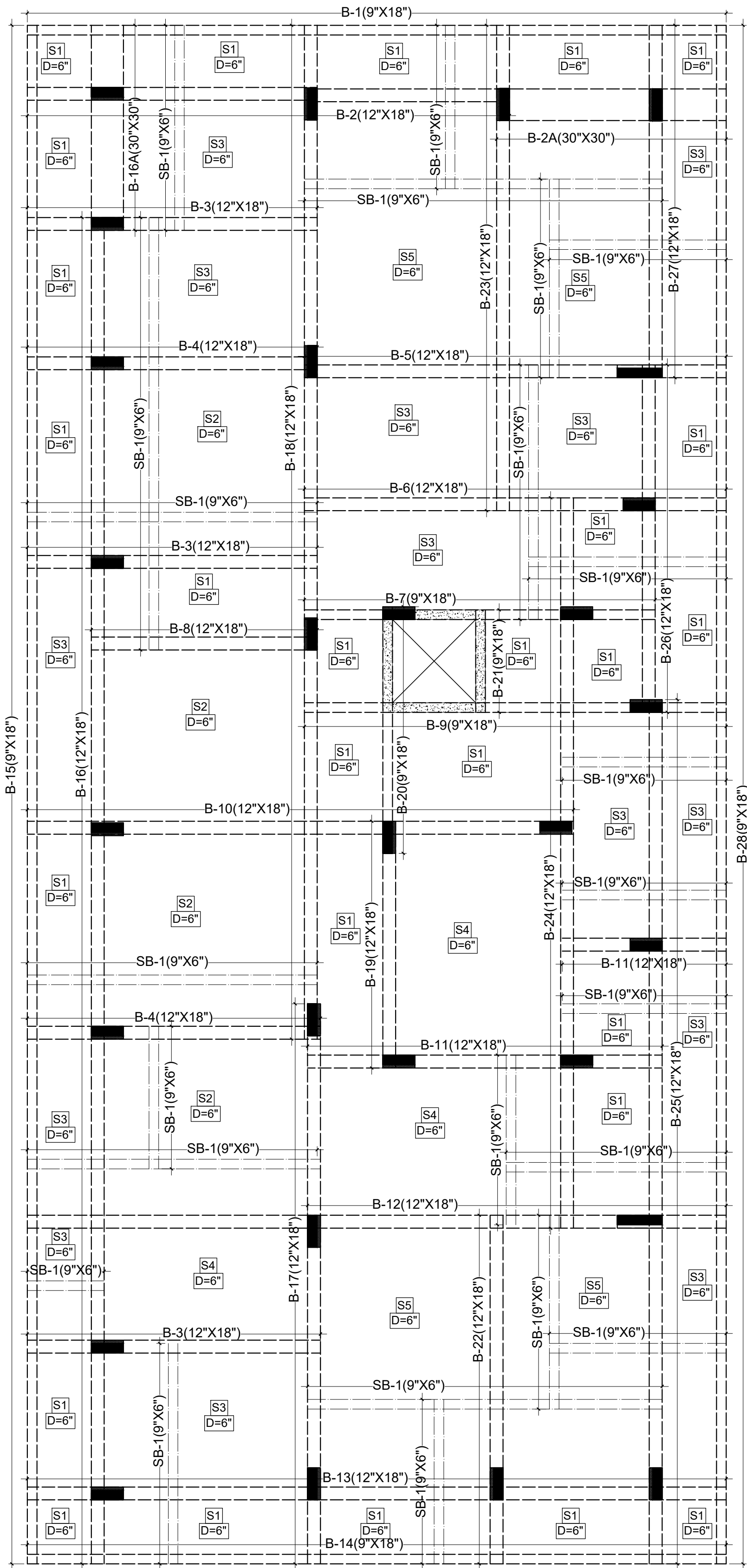
DATE: 11.09.2024

REMARK:

PB-2(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-3(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-4(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-5(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-6(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-7(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-8(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-9(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-10(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-11(12"X18")
CROSS SECTION
CON:- M-25PB-12(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-13(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-14(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-15(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-16(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-17(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-18(9"X18")
CROSS SECTION
CON:- M-25PB-19(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-20(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-21(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-22(12"X18")
LONGITUDINAL BEAM
CON:- M-25PB-23(12"X18")
LONGITUDINAL BEAM
CON:- M-25

Er. Hemant Kachhwaha
M.Tech(Str) B.E.(Civil)
S.K. CREATIONS
Proprietor/Manager

GRADE OF CONCRETE M-25
GRADE OF STEEL FE - 550D



TYP. BAR CURTAILMENT IN SLAB

Er. Hemant Kachhwaha
M.Tech(Str) B.E.(Civil)
S.K. CREATIONS
Proprietor/Manager

R.C.C. SLAB DETAILS:-					
SLAB NO.	SHORT SPAN	LONG SPAN	CRANK BAR	THICK	GRADE
S1	#8@5"C/C	#8@6"C/C	#8@7"C/C	0'-6"	M-25
S2	#10@6"C/C	#10@6"C/C	#8@7"C/C	0'-6"	M-25
S3	#10@6"C/C	#8@6"C/C	#8@7"C/C	0'-6"	M-25
S4	#10@5"C/C	#8@5"C/C	#8@7"C/C	0'-6"	M-25
S5	#10@4"C/C	#10@5"C/C	#8@7"C/C	0'-6"	M-25

STRUCTURE CONSULTANT

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M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

- R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
- R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | |
|--------------|---------------------|
| * FOUNDATION | 50 mm. ALL AROUND |
| * COLUMNS | 40 mm. ALL AROUND |
| * BEAMS | 30 mm. ALL AROUND |
| * SLABS | 20 mm. TOP & BOTTOM |
| * WALLS | 25 mm. EARTH FACE |
| * WALLS | 20 mm. INNER FACE |

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-
 - * FOUNDATION -M-25
 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT PLOT NO.-R-17-259, CHORDIA CITY, JAIPUR

DRAWING TITLE

STILT FLOOR SHUTTERING LAYOUT PLAN

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA

DATE: 23.09.2024

REMARK:

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA, JAIPUR
(RAJASTHAN) 302018
Email -skcreations.hk@gmail.com
MO. +91-9351388735

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER
C-49 VIDYA APARTMENT PARAS MARG,
BAPU NAGAR JAIPUR, (RAJ.)
Email-afranksquare@gmail.com
Mobile-9461302542

GENERAL NOTES :-

- (1). DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.
- (2). ANY DISCREPANCY IN THE DRAWING SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF ARCHITECT, PRIOR TO THE CONSTRUCTION.
- (3). BAD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.

EXCAVATION CHECK :-

- (1). THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.
- (2). THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE DUE TO EARTHQUAKES.
- (3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
- P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL, SAND WITHOUT GRAVEL AND PEBBLES.
- P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
- P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
- P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS
- | | |
|--|----------------|
| * WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS | 36 TO 48 HOURS |
| * SLABS (PROPS LEFT UNDER) | 3 DAYS |
| * BEAM SOFFITS (PROPS LEFT UNDER) | 7 DAYS |
| * REMOVAL OF PROPS UNDER SLABS | |
| -SPANNING UP TO 4500 | 7 DAYS |
| -SPANNING OVER 4500 | 14 DAYS |
| * REMOVAL OF PROPS UNDER BEAMS | |
| -SPANNING UP TO 6000 | 14 DAYS |
| -SPANNING OVER 6000 | 21 DAYS |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- C3. DEVELOPMENT LENGTH FOR $F_y = 550 \text{ N/mm}^2$ & 415 N/mm^2

CONC. GRADE	Ldt-550	Ldc-550	Ldt-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

- R1. ALL REINFORCING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
- R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | |
|--------------|---------------------|
| * FOUNDATION | 50 mm. ALL AROUND |
| * COLUMNS | 40 mm. ALL AROUND |
| * BEAMS | 30 mm. ALL AROUND |
| * SLABS | 20 mm. TOP & BOTTOM |
| * WALLS | 25 mm. EARTH FACE |
| * WALLS | 20 mm. INNER FACE |

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-
- * FOUNDATION -M-25
 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

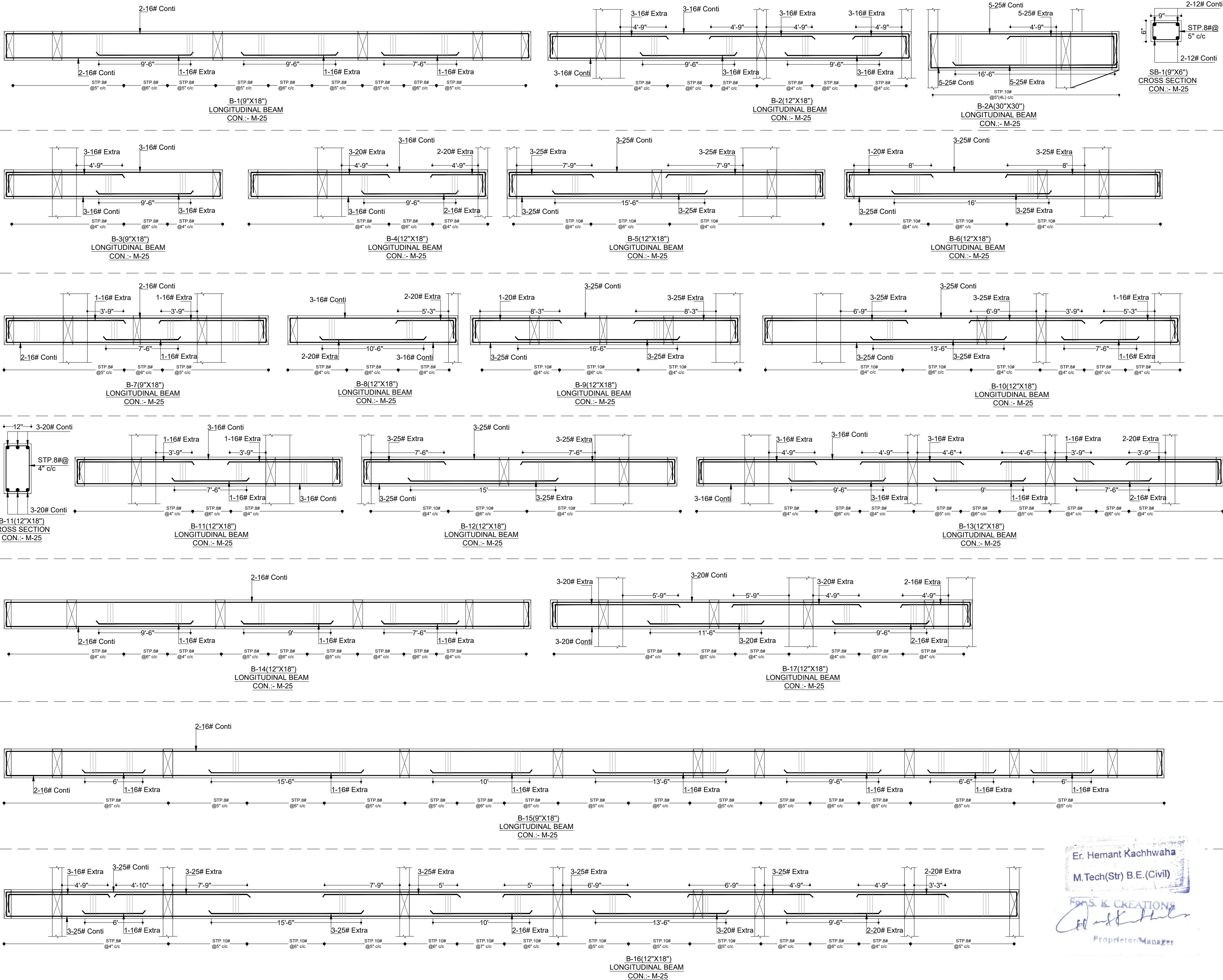
PROJECT

PROPOSED BUILDING AT
PLOT NO.-R-17-259,
CHORDIA CITY, JAIPUR

DRAWING TITLE

STILT FLOOR BEAM DETAIL(1)

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	21.09.2024
REMARK:	

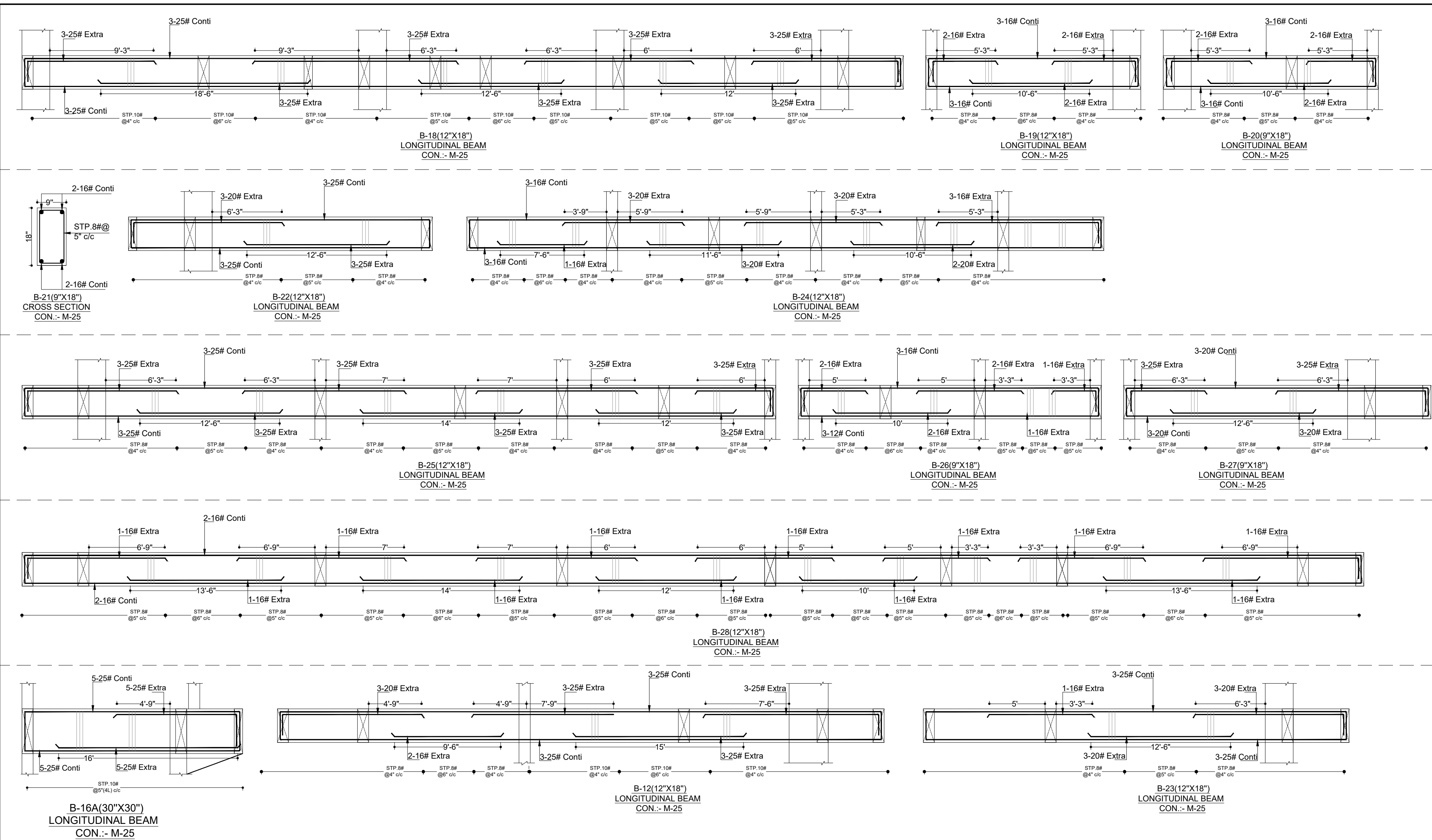


Er. Hemant Kachhwaha

M.Tech(Str) B.E.(Civil)

S.K. CREATIONS

Proprietor/Manager



Er. Hemant Kachhwaha
M.Tech(Str) B.E.(Civil)
S.K. CREATIONS
Proprietor/Manager

STRUCTURE CONSULTANT

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- (3). BAD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.

EXCAVATION CHECK :-

- (1). THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.
- (2). THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE DUE TO EARTHQUAKES.
- (3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
 - P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
 - P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES
 - P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
 - P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS
- | | |
|--|----------------|
| * WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS | 36 TO 48 HOURS |
| * SLABS (PROPS LEFT UNDER) | 3 DAYS |
| * BEAM SOFFITS (PROPS LEFT UNDER) | 7 DAYS |
| * REMOVAL OF PROPS UNDER SLABS | |
| -SPANNING UP TO 4500 | 7 DAYS |
| -SPANNING OVER 4500 | 14 DAYS |
| * REMOVAL OF PROPS UNDER BEAMS | |
| -SPANNING UP TO 6000 | 14 DAYS |
| -SPANNING OVER 6000 | 21 DAYS |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- C3. DEVELOPMENT LENGTH FOR $F_y = 550 \text{ N/mm}^2$ & 415 N/mm^2

CONC. GRADE	Ldt-550	Ldc-550	Ldt-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

- R1. ALL REINFORCING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786-2008.
 - R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
 - R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | |
|--------------|---------------------|
| * FOUNDATION | 50 mm. ALL AROUND |
| * COLUMNS | 40 mm. ALL AROUND |
| * BEAMS | 30 mm. ALL AROUND |
| * SLABS | 20 mm. TOP & BOTTOM |
| * WALLS | 25 mm. EARTH FACE |
| * WALLS | 20 mm. INNER FACE |

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-
 - * FOUNDATION -M-25
 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

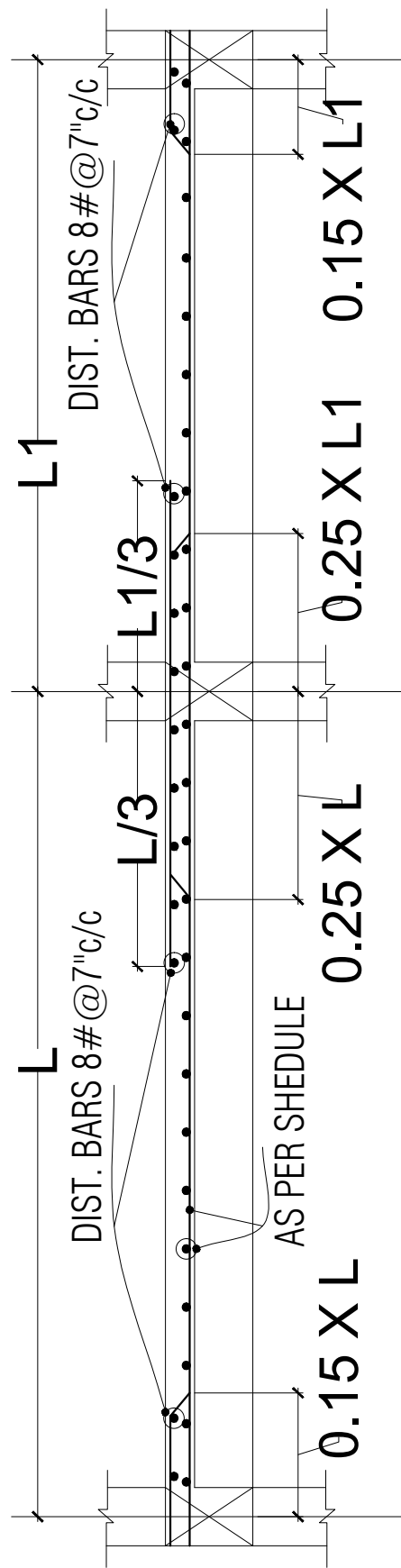
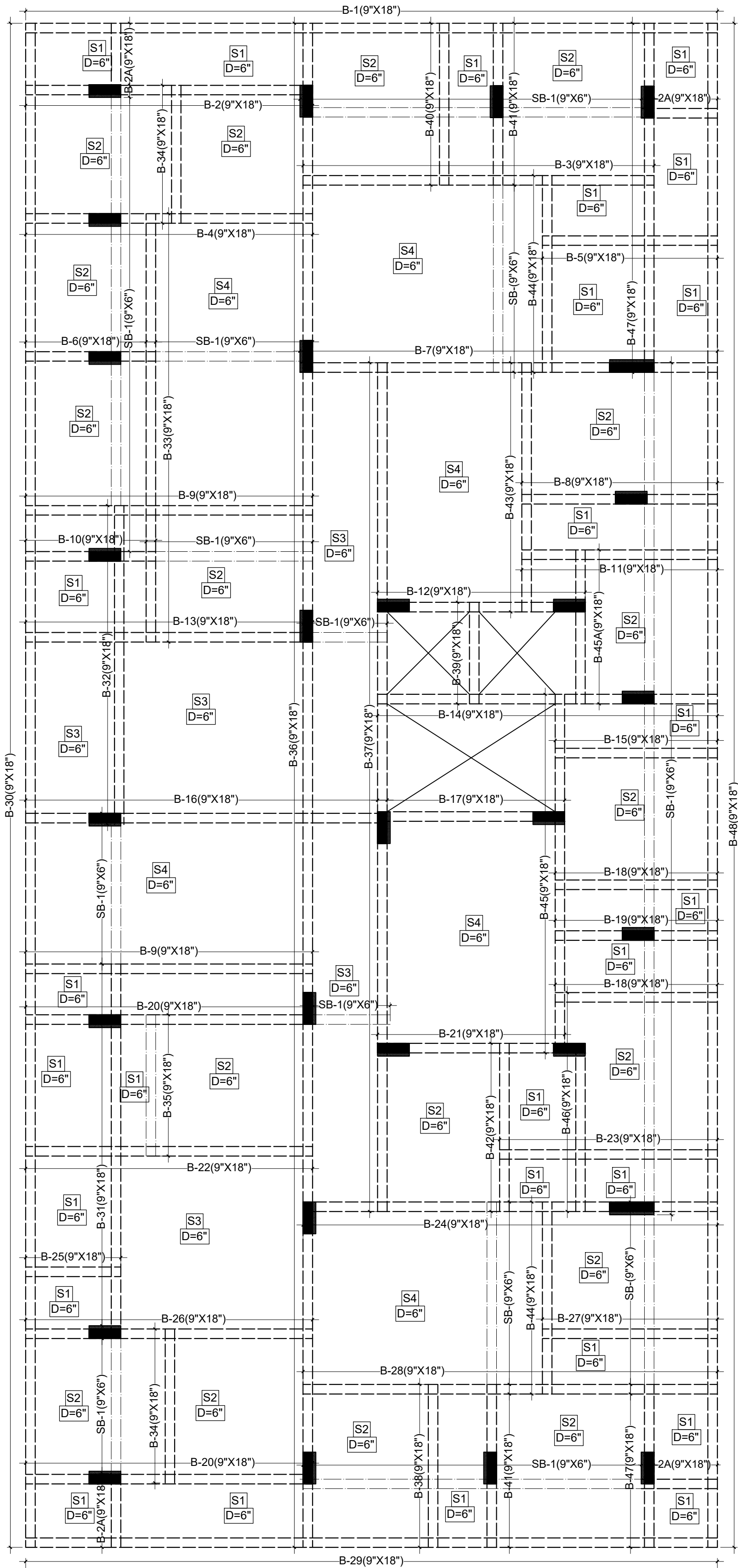
PROJECT

PROPOSED BUILDING AT
PLOT NO.-R-17-259,
CHORDIA CITY, JAIPUR

DRAWING TITLE

STILT FLOOR BEAM DETAIL(2)

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	21.09.2024
REMARK:	



TYP.BAR CURTAILMENT IN SLAB

STRUCTURE CONSULTANT

S.K. CREATIONS

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(RAJASTHAN) 302018

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ARCHITECTS

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- (3). BAD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.

EXCAVATION CHECK :-

- (1). THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.
- (2). THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE DUE TO EARTHQUAKES.
- (3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
 - P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
 - P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
 - P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
 - P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS
- | * WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS | 36 TO 48 HOURS |
|--|----------------|
| * SLABS (PROPS LEFT UNDER) | 3 DAYS |
| * BEAM SOFFITS (PROPS LEFT UNDER) | 7 DAYS |
| * REMOVAL OF PROPS UNDER SLABS | |
| -SPANNING UP TO 4500 | 7 DAYS |
| -SPANNING OVER 4500 | 14 DAYS |
| * REMOVAL OF PROPS UNDER BEAMS | |
| -SPANNING UP TO 6000 | 14 DAYS |
| -SPANNING OVER 6000 | 21 DAYS |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- C3. DEVELOPMENT LENGTH FOR $F_y = 500 \text{ N/mm}^2$ & 415 N/mm^2

CONC. GRADE	Ldt-500	Ldc-500	Ldt-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

REINFORCING STEEL :-

- R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
- R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
 - * FOUNDATION 50 mm. ALL AROUND
 - * COLUMNS 40 mm. ALL AROUND
 - * BEAMS 30 mm. ALL AROUND
 - * SLABS 20 mm. TOP & BOTTOM
 - * WALLS 25 mm. EARTH FACE
 - * WALLS 20 mm. INNER FACE

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE
 - * FOUNDATION -M-25
 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT PLOT NO.-R-17-259,
CHORDIA CITY, JAIPUR

DRAWING TITLE

TYPICAL FLOOR SHUTTERING LAYOUT PLAN

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA

DATE: 25.10.2024

REMARK:

R.C.C. SLAB DETAILS:-

SLAB NO.	SHORT SPAN	LONG SPAN	CRANK BAR	THICK	GRADE
S1	#8@5"C/C	#8@6"C/C	#8@7"C/C	0'-6"	M-25
S2	#8@5"C/C	#8@5"C/C	#8@7"C/C	0'-6"	M-25
S3	#10@5"C/C	#10@5"C/C	#8@7"C/C	0'-6"	M-25
S4	#10@4"C/C	#10@6"C/C	#8@7"C/C	0'-6"	M-25

Er. Hemant Kachhwaha

M.Tech(Str) B.E.(Civil)

FOR S.K. CREATIONS

Proprietor/Manager

STRUCTURE CONSULTANT

S.K. CREATIONS

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ARCHITECTS

FRANK SQUARE

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GENERAL NOTES :-

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- (3). BAD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.

EXCAVATION CHECK :-

- (1). THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.
- (2). THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE DUE TO EARTHQUAKES.
- (3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
- P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL, SAND WITHOUT GRAVEL AND PEBBLES.
- P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
- P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
- P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS
- | | |
|--|----------------|
| * WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS | 36 TO 48 HOURS |
| * SLABS (PROPS LEFT UNDER) | 3 DAYS |
| * BEAM SOFFITS (PROPS LEFT UNDER) | 7 DAYS |
| * REMOVAL OF PROPS UNDER SLABS | |
| -SPANNING UP TO 4500 | 7 DAYS |
| -SPANNING OVER 4500 | 14 DAYS |
| * REMOVAL OF PROPS UNDER BEAMS | |
| -SPANNING UP TO 6000 | 14 DAYS |
| -SPANNING OVER 6000 | 21 DAYS |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- C3. DEVELOPMENT LENGTH FOR $F_y = 550 \text{ N/mm}^2$ & 415 N/mm^2

CONC. GRADE	Ld-550	Ldc-550	Ld-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
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REINFORCING STEEL :-

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- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | |
|--------------|---------------------|
| * FOUNDATION | 50 mm. ALL AROUND |
| * COLUMNS | 40 mm. ALL AROUND |
| * BEAMS | 30 mm. ALL AROUND |
| * SLABS | 20 mm. TOP & BOTTOM |
| * WALLS | 25 mm. EARTH FACE |
| * WALLS | 20 mm. INNER FACE |

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-
- * FOUNDATION -M-25
 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

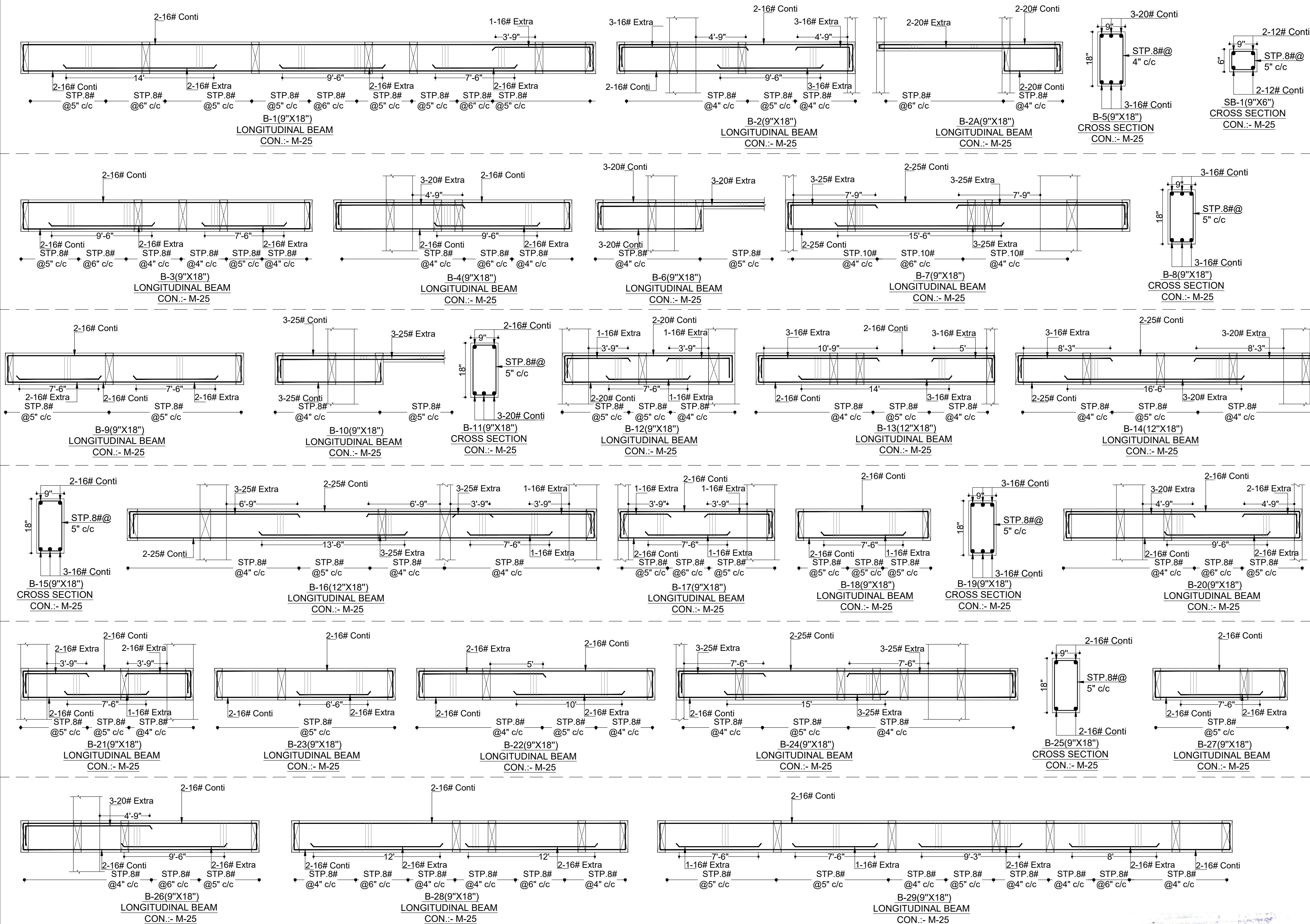
PROJECT

PROPOSED BUILDING AT
PLOT NO.-R-17-259,
CHORDIA CITY, JAIPUR

DRAWING TITLE

TYPICAL FLOOR BEAM DETAIL(1)

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	25.10.2024
REMARK:	



Er. Hemant Kachhwaha

M.Tech(Str) B.E.(Civil)

S.K. CREATIONS

CH

Proprietor/Manager

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CONSTRUCTION PRACTICE :-

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- P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL, SAND WITHOUT GRAVEL AND PEBBLES.
- P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
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| -SPANNING OVER 6000 | 21 DAYS |

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CONC. GRADE	Ldt-550	Ldc-550	Ldt-415	Ldc-415
M-20	57Ø	46Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	46Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	36Ø	29Ø	30Ø	24Ø

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- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
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 - * COLUMNS - AS/SCHEDULES
 - * ROOF - M-25
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REVISIONS

NO.	DATE	ISSUED TO	CKD.

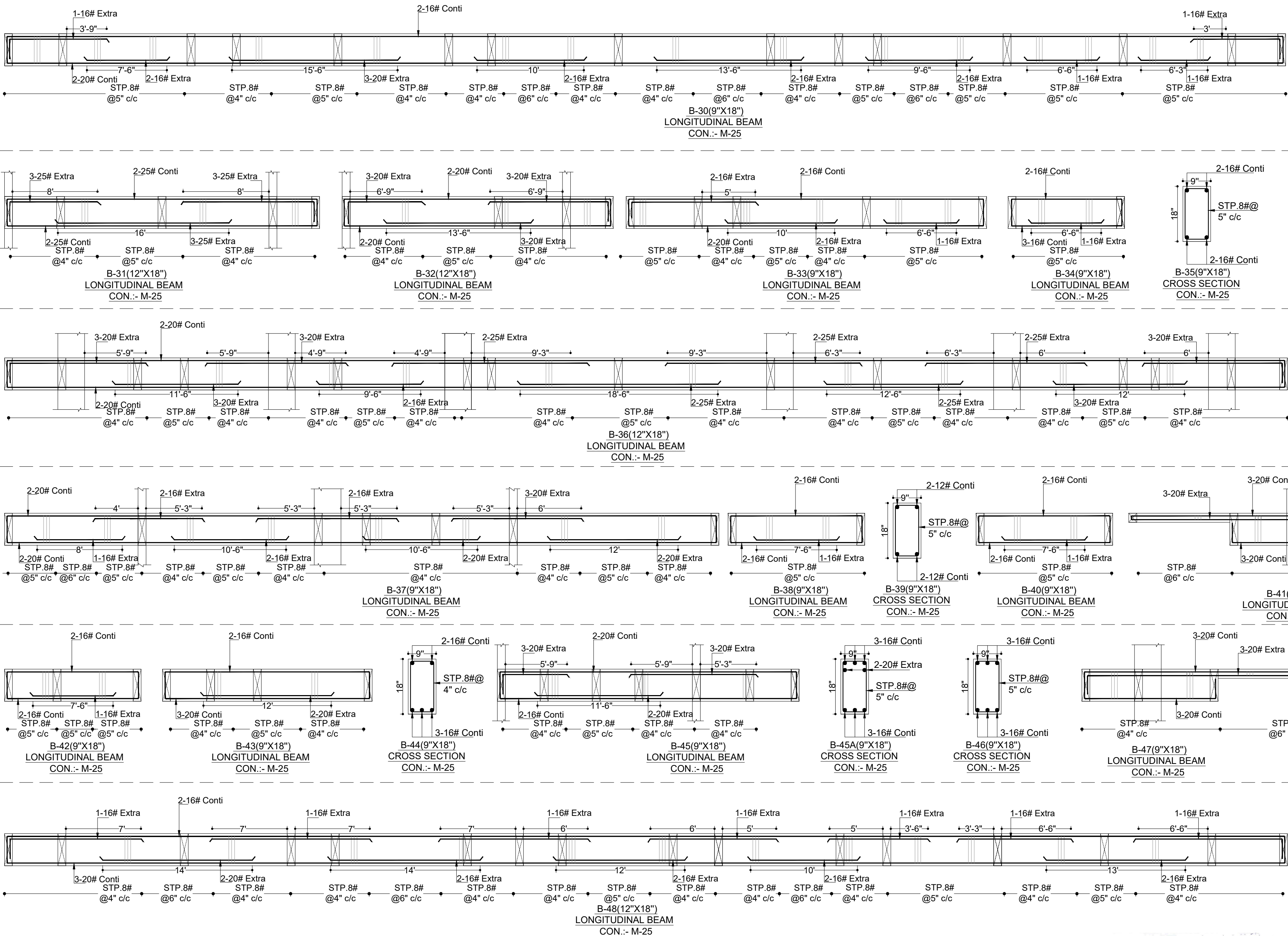
PROJECT

PROPOSED BUILDING AT
PLOT NO.-R-17-259,
CHORDIA CITY, JAIPUR

DRAWING TITLE

TYPICAL FLOOR BEAM DETAIL(2)

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	25.10.2024
REMARK:	



Er. Hemant Kachhwaha

M.Tech(Str) B.E.(Civil)

S.K. CREATIONS

Proprietor/Manager