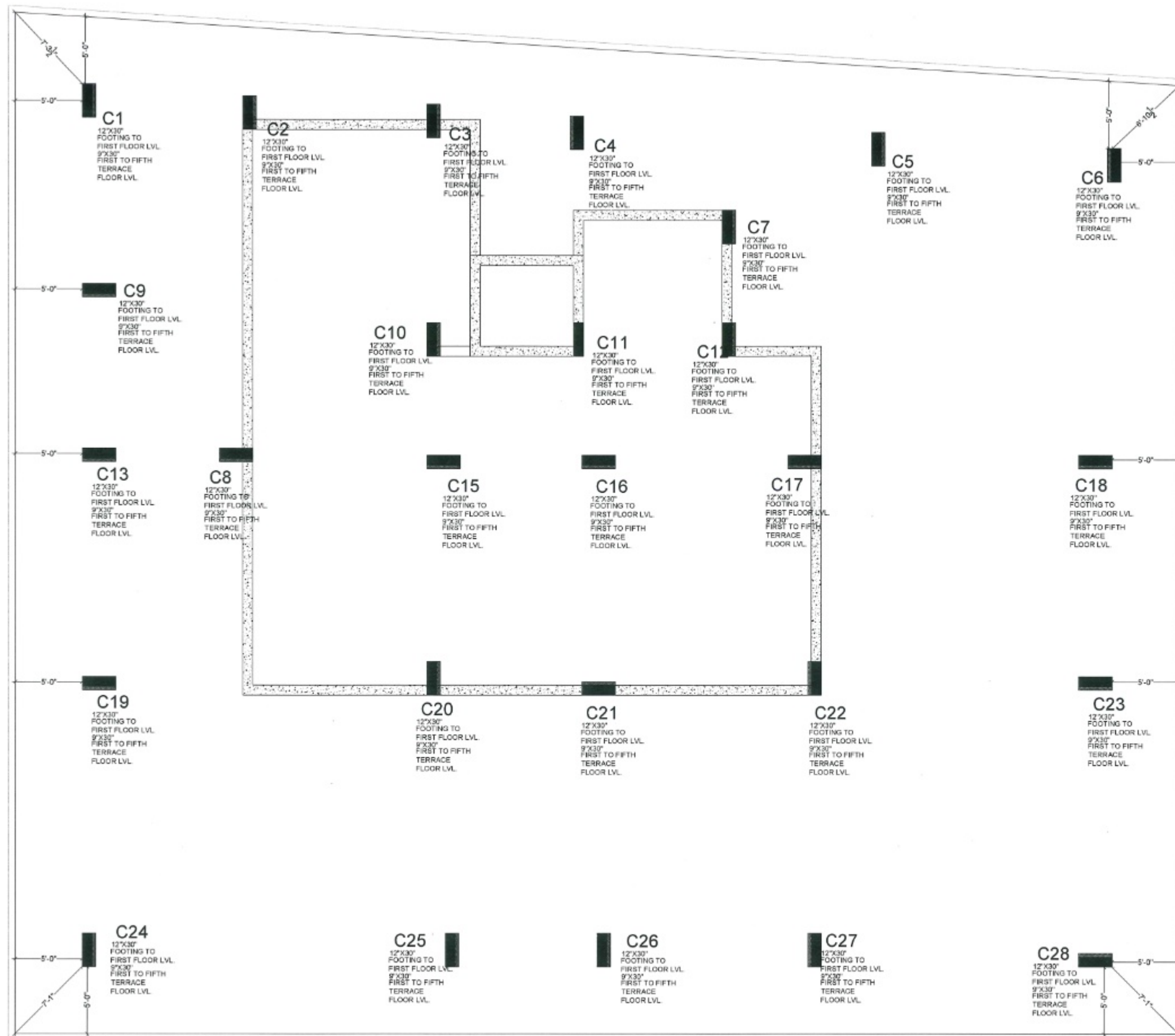




For KARAN BUILDERS AND DEVELOPERS
 21/06/2024
 Proprietor

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

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA, JAIPUR
 (RAJASTHAN) 302018
 Email: skcreations.hk@gmail.com
 MO. +91-9351386735

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 BE LIABLE TO LIQUEFACTION DUE TO EARTHQUAKES.
- (3). THE SOIL SHOULD NOT BE 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 | 28 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 5000 | | 14 DAYS |
| -SPANNING OVER 5000 | | 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	Ld-550	Ld-415	Ld-415
M-20	57d	45d	47d	38d
M-25	49d	39d	41d	33d
M-30	46d	37d	38d	31d
M-35	41d	33d	34d	27d
M-40	36d	29d	30d	24d

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 5500 N/mm².
 - R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | 50 mm. ALL AROUND |
|--------------|---------------------|
| * 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.

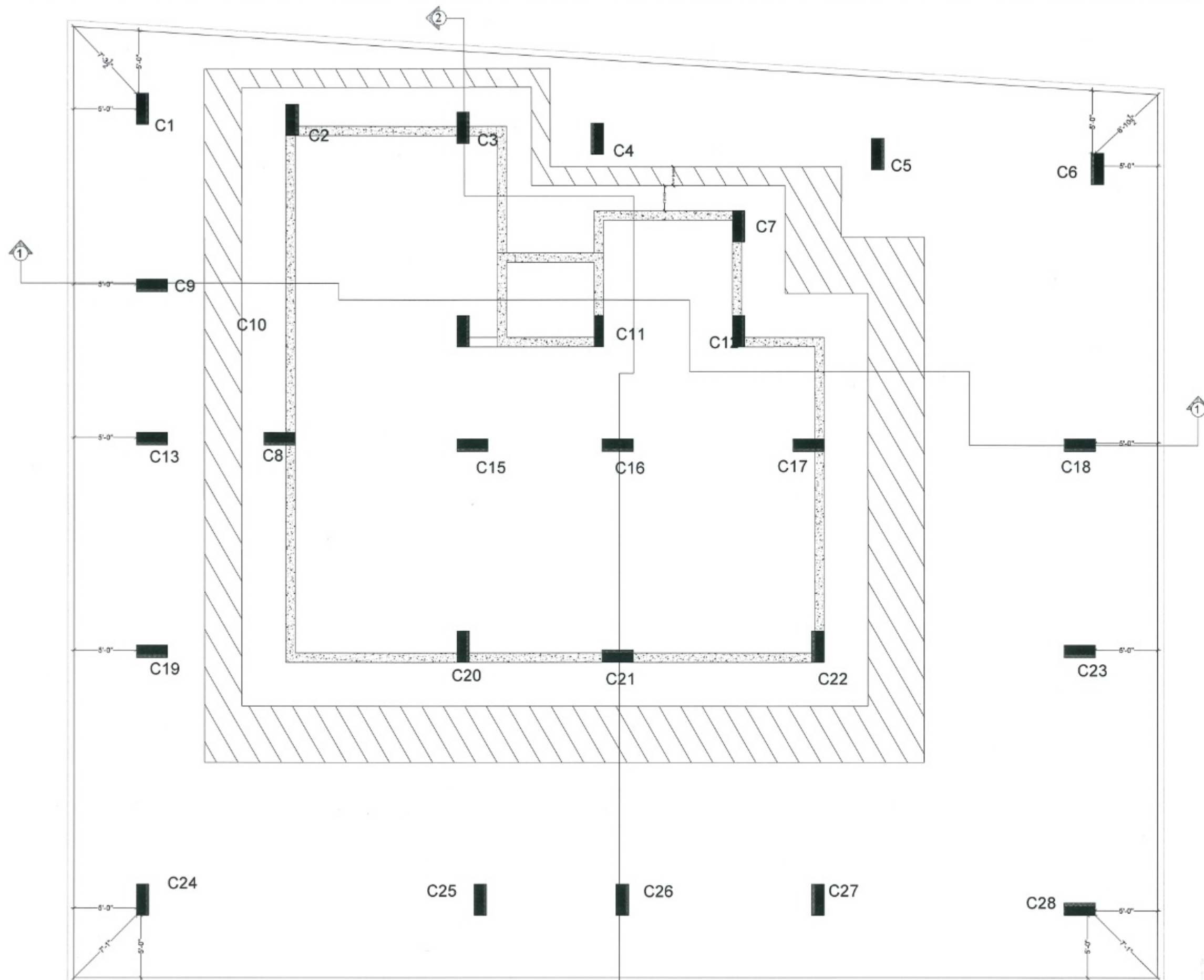
PROJECT

A1-A2, NARAYANPURI

DRAWING TITLE

COLUMN MARKING PLAN

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	14.06.2024
REMARK:	

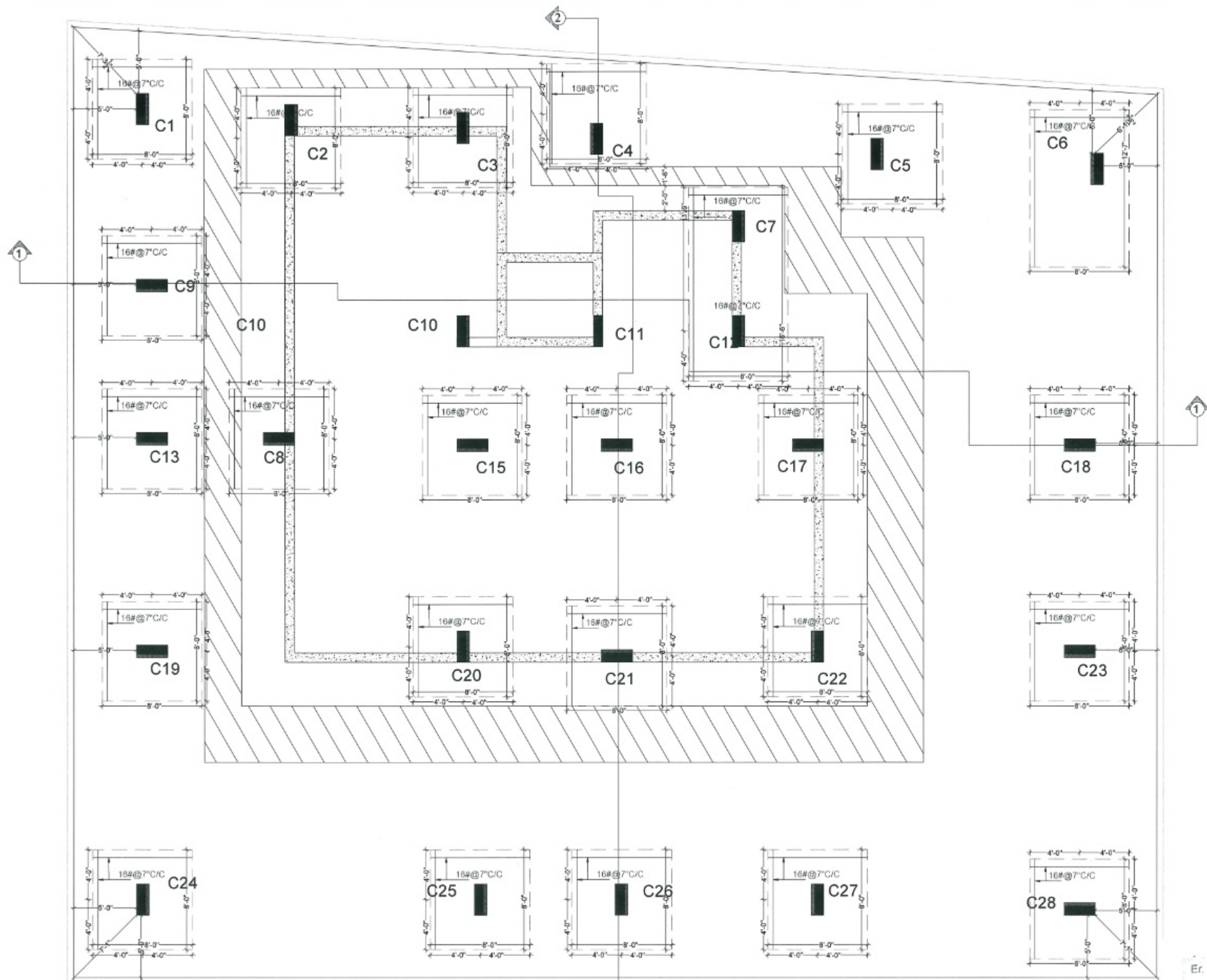


For KARAN BUILDERS AND DEVELOPERS
 076912
 Proprietor

Er. Hemant Kachhwaha
 M.Tech(Str) B.E.(Civil)

Proprietor/Manager

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 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	L ₄₅₋₅₅₀	L ₄₅₋₄₁₅
M-20	57Ø	46Ø
M-25	49Ø	39Ø
M-30	46Ø	37Ø
M-35	41Ø	33Ø
M-40	36Ø	29Ø
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 550 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		
A1-A2, NARAYANPURI		
DRAWING TITLE		
FOUNDATION LAYOUT PLAN		
DRAWN BY:	DEEPAK	
CHECKED BY:	HEMANT KACHHWAHA	
DATE:	14.06.2024	
REMARK:		



For KARAN BUILDERS AND DEVELOPERS
 27/06/24
 Proprietor

Er. Hemant Kachhwaha
 M.Tech(Str) B.E.(Civil)

FRANK SQUARE
 Proprietor

STRUCTURE CONSULTANT

S.K. CREATIONS

07, GAYTRI NAGAR-A, DURGAPURA, JAIPUR
 (RAJASTHAN) 302018
 Email: skcreations.jh@gmail.com
 MO. +91-9351260735

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 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 | 35 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-455:2000.
- C3. DEVELOPMENT LENGTH FOR $F_y = 550 \text{ N/mm}^2$ & 415 N/mm²

CONC. GRADE	Ld-550	Ld-550	Ld-415	Ld-415
M-25	57d	49d	47d	38d
M-25	49d	39d	41d	33d
M-30	49d	37d	38d	31d
M-35	41d	33d	34d	27d
M-40	35d	29d	30d	24d

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 550 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.

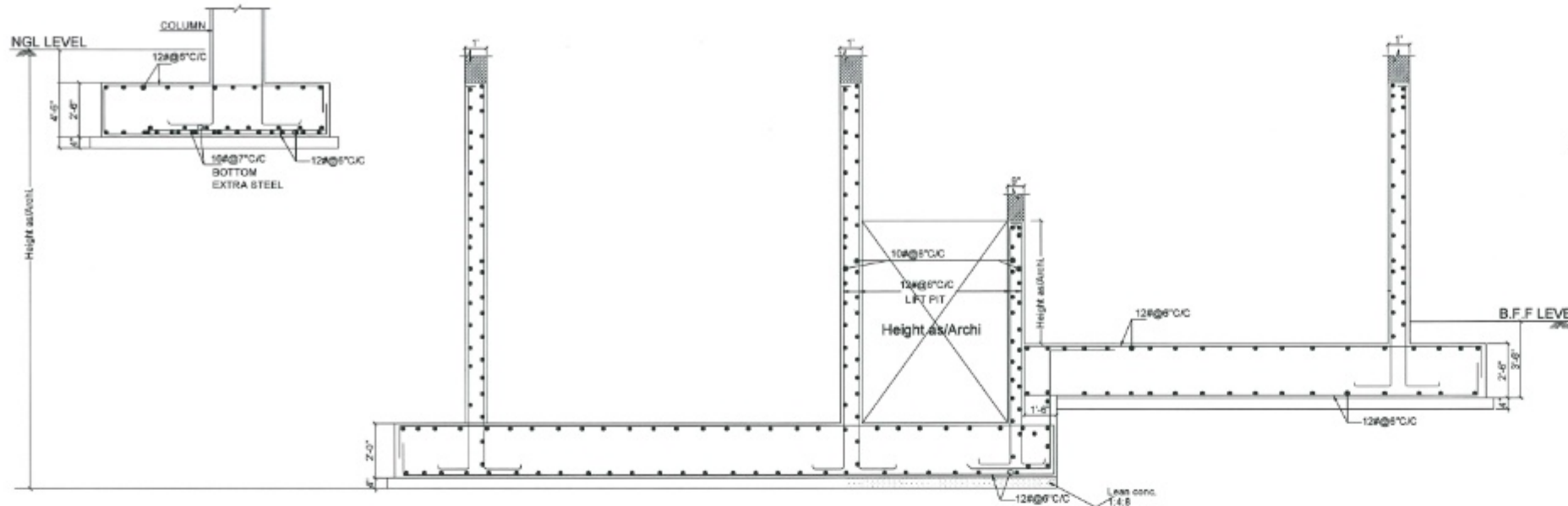
PROJECT

A1-A2, NARAYANPURI

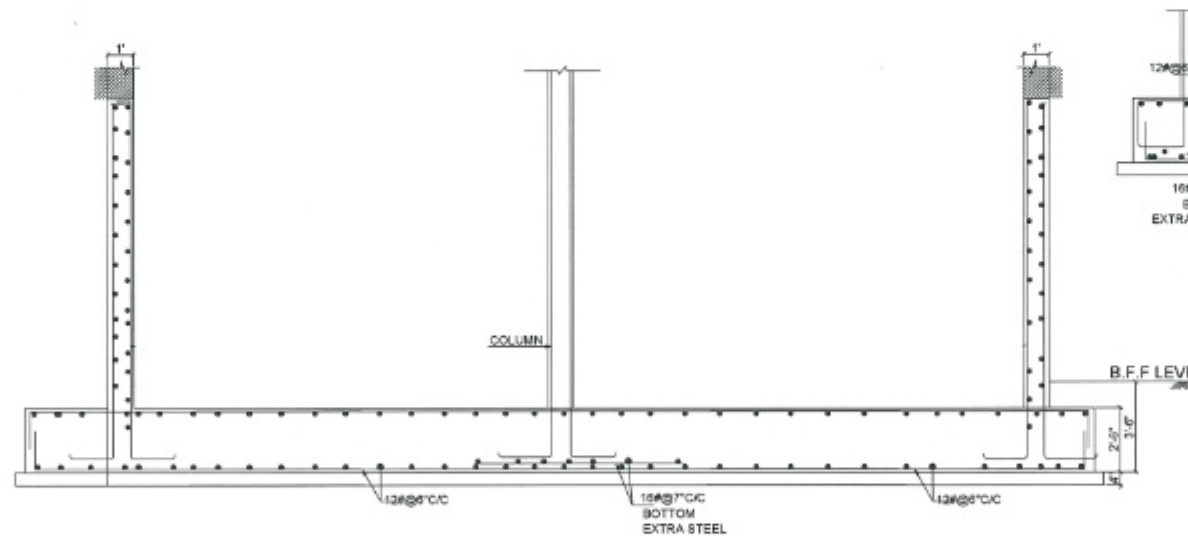
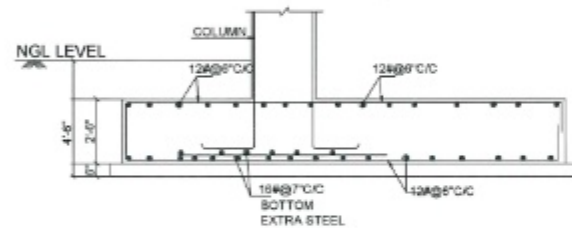
DRAWING TITLE

FOUNDATION BOTTOM
 EXTRA PLAN

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	14.06.2024
REMARK:	



RAFT FOOTING
SECTION - 1-1



RAFT FOOTING
SECTION - 2-2

For KARAN BUILDERS AND DEVELOPERS
1691m
Proprietor

Er. Hemant Kachhwaha

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

FRANK SQUARE
Proprietor/Manager

STRUCTURE CONSULTANT

S.K. CREATIONS

57, DAYTS NAGAR-A, DURGAPURA, JAIPUR

(RAJASTHAN) 302018

Email: skcreations.hk@gmail.com

MO. +91-9351989795

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER

C-19 VIDYA APARTMENT PARAS MARG,

BAPU NAGAR JAIPUR, (RAJ.)

Email: afranksquare@gmail.com

Mobile-9461302542

GENERAL NOTES :-

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

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, HARD 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	7 DAYS	
- SPANNING UP TO 4500	14 DAYS	
* REMOVAL OF PROPS UNDER BEAMS	14 DAYS	
- SPANNING UP TO 6000	21 DAYS	
- SPANNING OVER 6000	21 DAYS	

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- C2. ALL ROC. 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	Ld-550	Ld-415	Ld-415
M-20	57d	46d	47d	38d
M-25	49d	39d	41d	33d
M-30	46d	37d	38d	31d
M-35	41d	33d	34d	27d
M-40	36d	29d	30d	24d

REINFORCING STEEL :-

- R1. ALL REINFORCING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS-1785:2008.
- R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 550D N/mm².
- R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.
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PROJECT

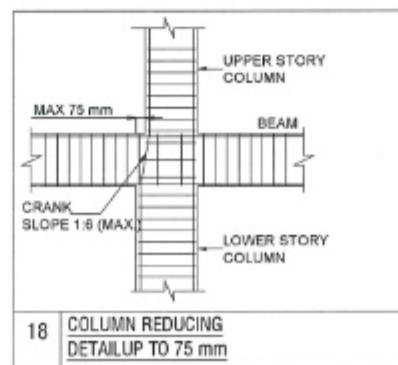
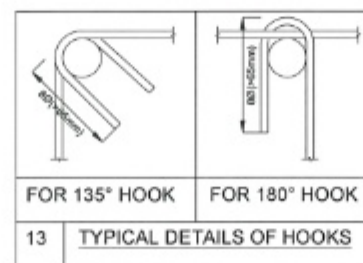
A1-A2, NARAYANPURI

DRAWING TITLE

FOUNDATION SECTION DETAIL

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	14.06.2024
REMARK:	

COLUMN	C7	C8	C9	C10	C11	C12
FIFTH ROOF TO MUMTY ROOF	SIZE: 9' x 30' MIX: M-25 REINF: 4#20 5#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 5#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 5#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 5#16 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C
FOURTH ROOF TO FIFTH ROOF	SIZE: 9' x 30' MIX: M-25 REINF: 4#20 5#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 5#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 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 5#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 5#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 5#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 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 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C	SIZE: 9' x 30' MIX: M-25 REINF: 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 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 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 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 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: 12#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: 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
FIRST ROOF TO SECOND ROOF	SIZE: 9' x 30' MIX: M-25 REINF: 5#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: 5#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: 5#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: 5#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: 5#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: 5#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: 5#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: 5#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: 5#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: 5#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: 5#25 6#20 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 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 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C	SIZE: 9' x 30' MIX: M-25 REINF: 5#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 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 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 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C
BASEMENT ROOF TO STILT ROOF	SIZE: 12' x 30' MIX: M-25 REINF: 14#25 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 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 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 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 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 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C
FOUNDATION TO BASEMENT ROOF	SIZE: 12' x 30' MIX: M-25 REINF: 14#25 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 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 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 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C



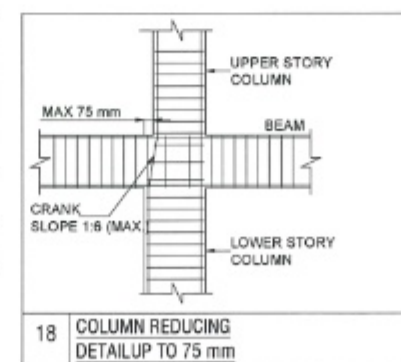
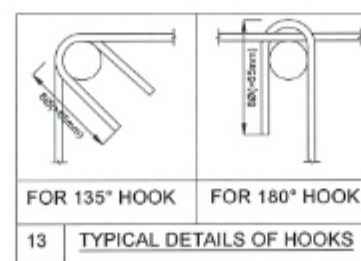
For KARAN BUILDERS AND DEVELOPERS
 21/6/24
 Proprietor

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

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.hq@gmail.com MO. +91-9251338735			
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 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 PERIBLES. P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SANDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 8 TO 9 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 FOLLOWINGS 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 7 DAYS -SPANNING UP TO 4500 14 DAYS -SPANNING OVER 4500 14 DAYS * REMOVAL OF PROPS UNDER BEAMS 14 DAYS -SPANNING UP TO 6000 21 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	Ld-415	Ld-415
M-20	57d	45d	47d
M-25	49d	39d	41d
M-30	45d	37d	38d
M-35	41d	33d	34d
M-40	35d	29d	30d
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/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			
A1-A2, NARAYANPURI			
DRAWING TITLE			
COLUMN SCHEDULE DETAIL [2]			
DRAWN BY:		DEEPAK	
CHECKED BY:		HEMANT KACHHWAHA	
DATE:		14.06.2024	
REMARK:			

COLUMN	C13	C15	C16	C17	C18
FIFTH ROOF TO MUMTY ROOF	SIZE: 9" x 30" MIX: M-25 REINF: 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 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 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 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C	
FOURTH ROOF TO FIFTH ROOF	SIZE: 9" x 30" MIX: M-25 REINF: 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 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 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 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 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 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 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 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 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 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 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 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C	
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GROUND ROOF TO FIRST ROOF	SIZE: 9" x 30" MIX: M-25 REINF: 4#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 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 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 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C	
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For KARAN BUILDERS AND DEVELOPERS
 Proprietor

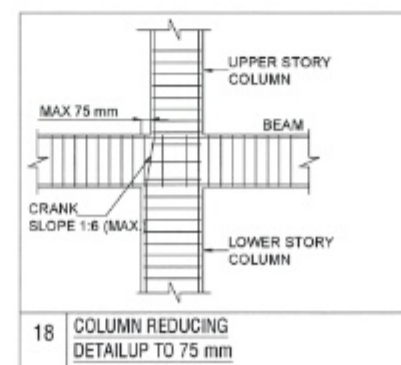
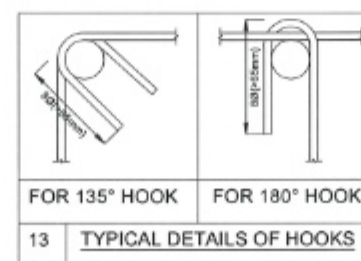
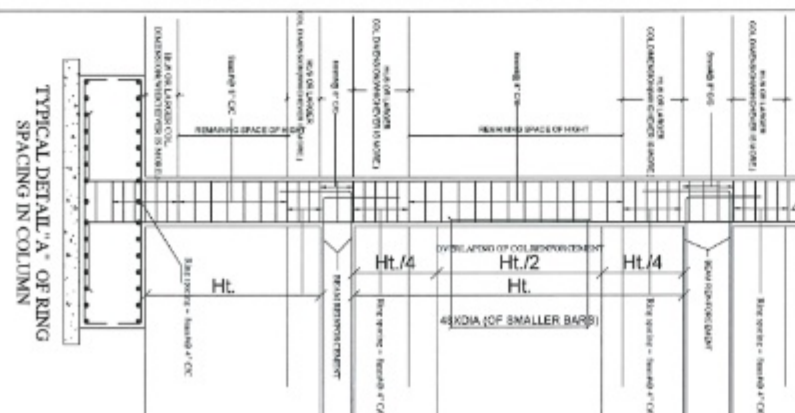
Er. Hemant Kachhwaha
 M.Tech(Str) B.E.(Civil)

S.K. CREATIONS
 Proprietor/Manager

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

STRUCTURE CONSULTANT S.K. CREATIONS 87, GAYTRI NAGAR-A, DURGAPURA JAIPUR (RAJASTHAN) 302018 Email: skcreations.hk@gmail.com MO. +91-9351399735																																	
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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CONC. GRADE	Ld-550	Ld-550	Ld-415	Ld-415																													
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REVISIONS <table><tr><th>NO.</th><th>DATE</th><th>ISSUED TO</th><th>CKD.</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>				NO.	DATE	ISSUED TO	CKD.																										
NO.	DATE	ISSUED TO	CKD.																														
PROJECT A1-A2, NARAYANPURI																																	
DRAWING TITLE COLUMN SCHEDULE DETAIL [3]																																	
DRAWN BY: DEEPAK CHECKED BY: HEMANT KACHHWAHA DATE: 14.06.2024 REMARK:																																	

COLUMN	C25	C26	C27	C28	FC
FIFTH ROOF TO MUMTY ROOF					
FOURTH ROOF TO FIFTH ROOF	SIZE: 9' x 30' MIX: M-25 REINF: 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#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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C
BASEMENT ROOF TO STILT ROOF	SIZE: 12' x 30' MIX: M-25 REINF: 14#25 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 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 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 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C	
FOUNDATION TO BASEMENT ROOF					



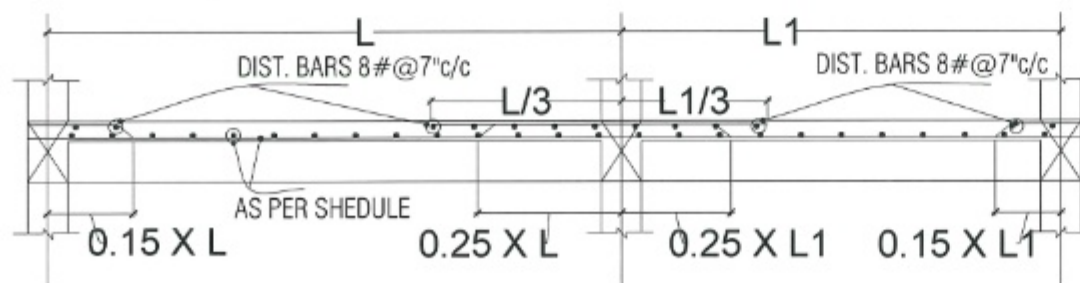
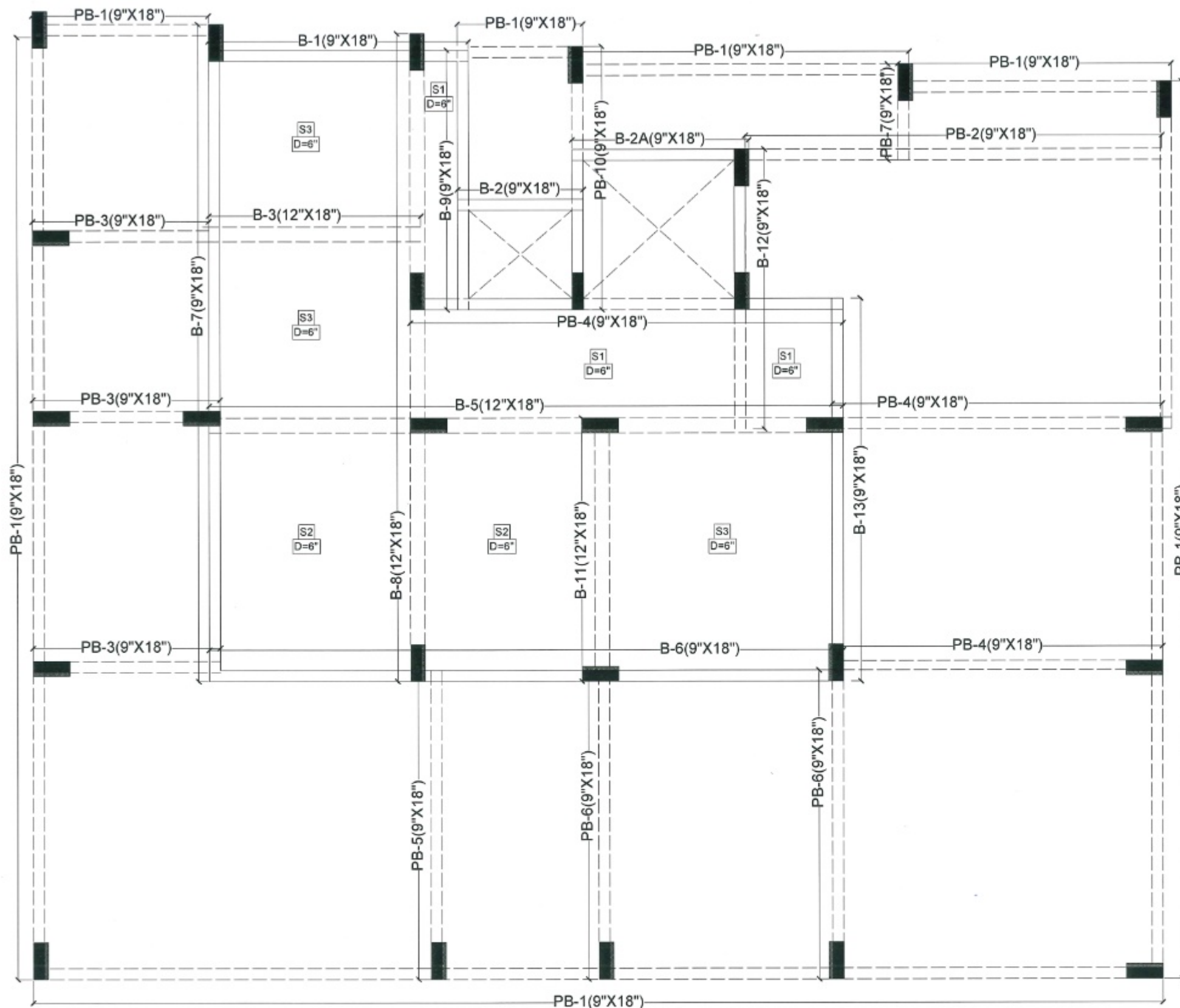
For KARAN BUILDERS AND DEVELOPERS
 Proprietor

Er. Hemant Kachhwaha
 M.Tech(Str) B.E.(Civil)

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

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 MO. +91-9251268735																																	
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 TO EARTHQUAKES. (3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.																																	
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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/mm²<table><tr><th>CONC. GRADE</th><th>L_d-550</th><th>L_d-550</th><th>L_d-415</th><th>L_d-415</th></tr><tr><td>M-20</td><td>57d</td><td>46d</td><td>47d</td><td>36d</td></tr><tr><td>M-25</td><td>49d</td><td>39d</td><td>41d</td><td>33d</td></tr><tr><td>M-30</td><td>46d</td><td>37d</td><td>38d</td><td>31d</td></tr><tr><td>M-35</td><td>41d</td><td>33d</td><td>34d</td><td>27d</td></tr><tr><td>M-40</td><td>36d</td><td>29d</td><td>30d</td><td>24d</td></tr></table>				CONC. GRADE	L _d -550	L _d -550	L _d -415	L _d -415	M-20	57d	46d	47d	36d	M-25	49d	39d	41d	33d	M-30	46d	37d	38d	31d	M-35	41d	33d	34d	27d	M-40	36d	29d	30d	24d
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REVISIONS <table><tr><th>NO.</th><th>DATE</th><th>ISSUED TO</th><th>CKD.</th></tr><tr><td></td><td></td><td></td><td></td></tr></table>				NO.	DATE	ISSUED TO	CKD.																										
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PROJECT A1-A2, NARAYANPURI																																	
DRAWING TITLE COLUMN SCHEDULE DETAIL [5]																																	
DRAWN BY: DEEPAK																																	
CHECKED BY: HEMANT KACHHWAHA																																	
DATE: 14.06.2024																																	
REMARK:																																	



TYP. BAR CURTAILMENT IN SLAB

For KARAN BUILDERS AND DEVELOPERS

Proprietor

Er. Hemant Kachhwaha

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

FRANK SQUARE

Proprietor/Manager

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA, JAIPUR

(RAJASTHAN) 302018

Email: skcreations.hk@gmail.com

MO. +91-9351360735

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 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 8 TO 9 PASSES.
 - P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
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- | * 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	Ld-550	Ld-415	Ld-415
M-20	57d	46d	47d	36d
M-25	49d	39d	41d	32d
M-30	48d	37d	38d	31d
M-35	41d	33d	34d	27d
M-40	36d	29d	30d	24d

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.
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PROJECT

A1-A2, NARAYANPURI

DRAWING TITLE

PLINTH BEAM SHUTTERING AND BASEMENT SHUTTERING LAYOUT PLAN

DRAWN BY: DEEPAK

CHECKED BY: HEMANT

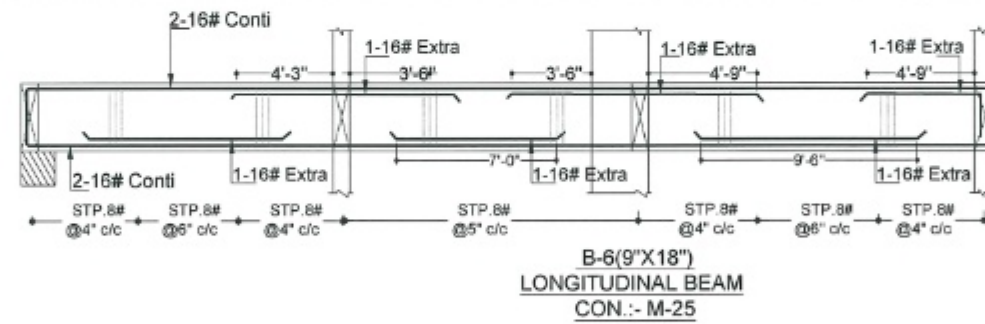
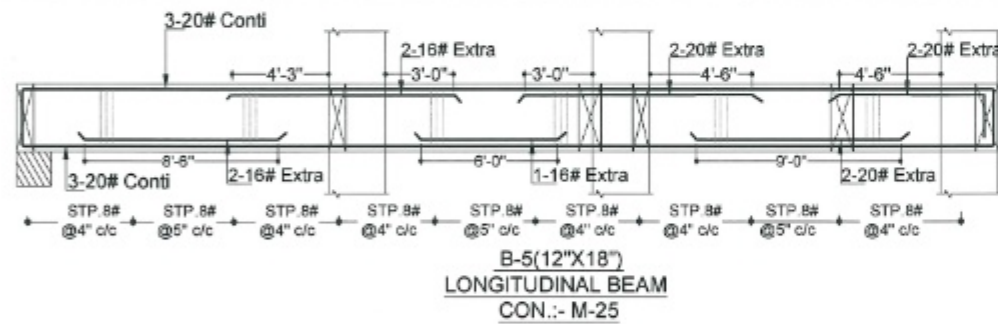
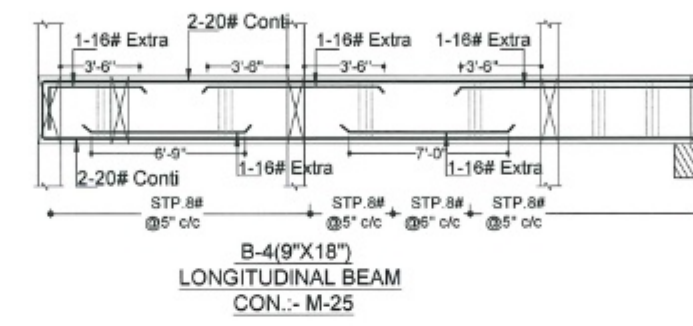
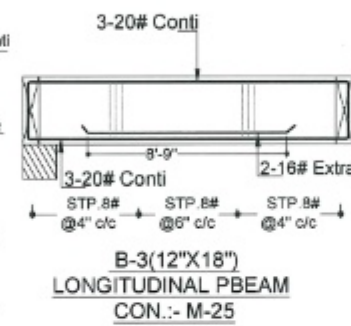
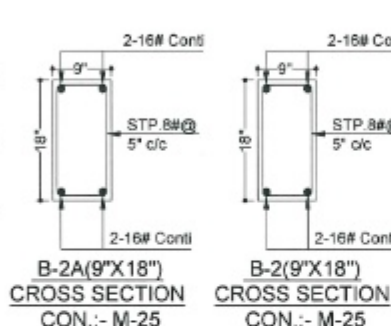
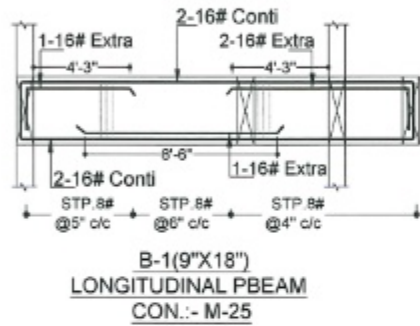
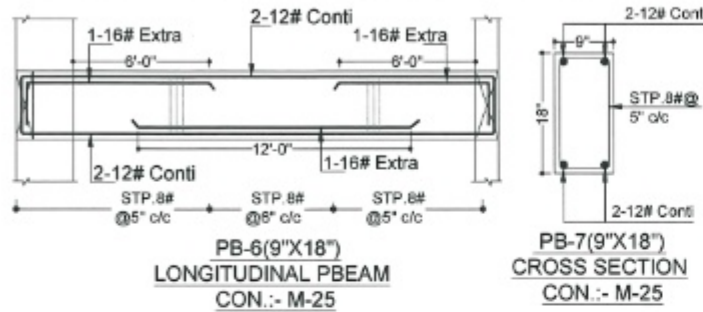
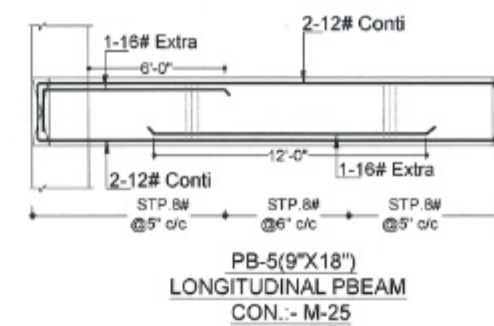
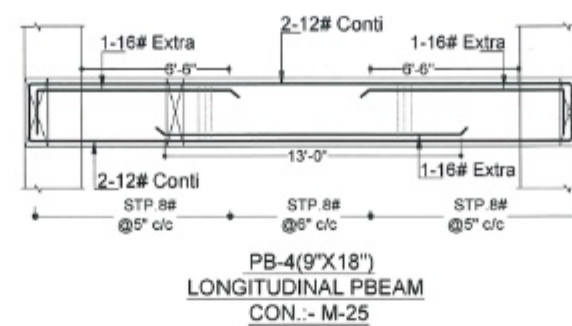
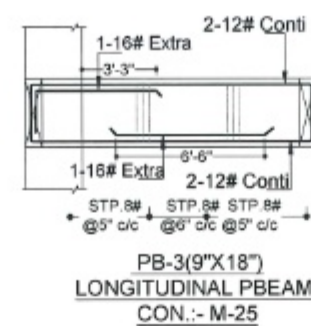
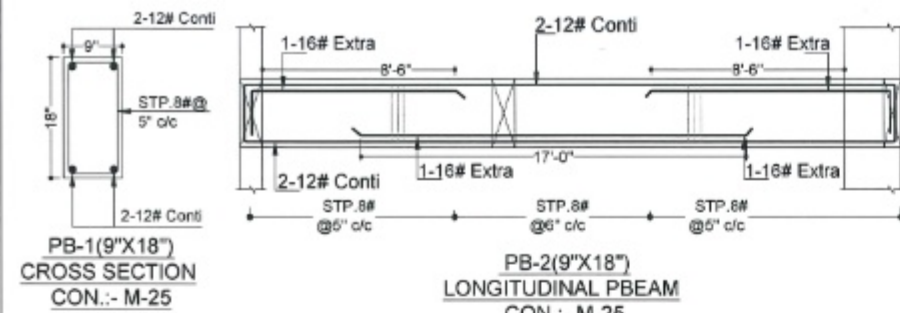
KACHHWAHA

DATE: 17.07.2024

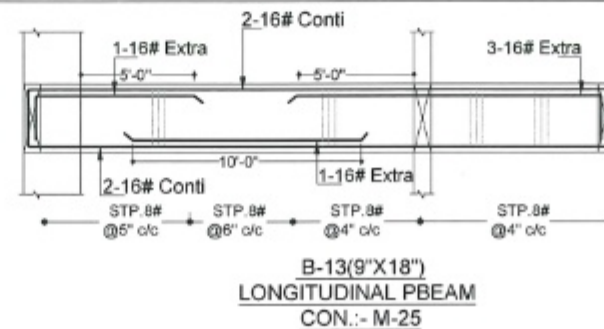
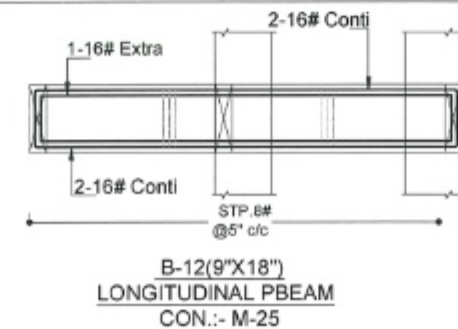
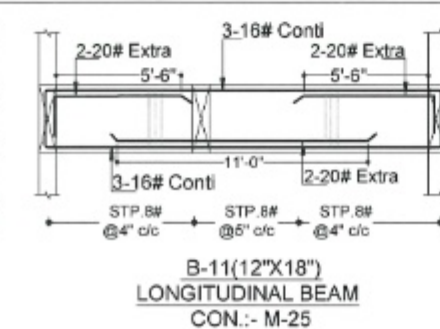
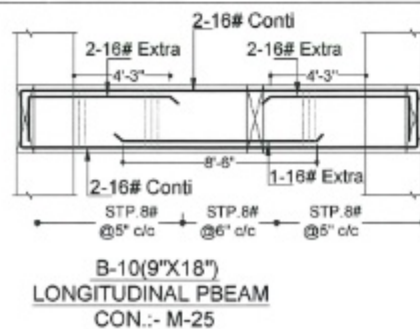
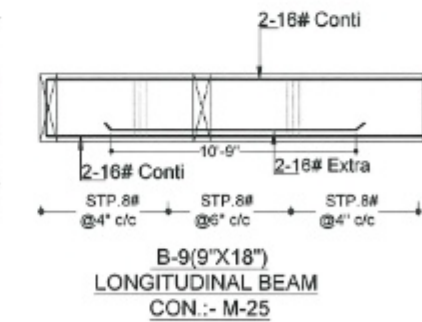
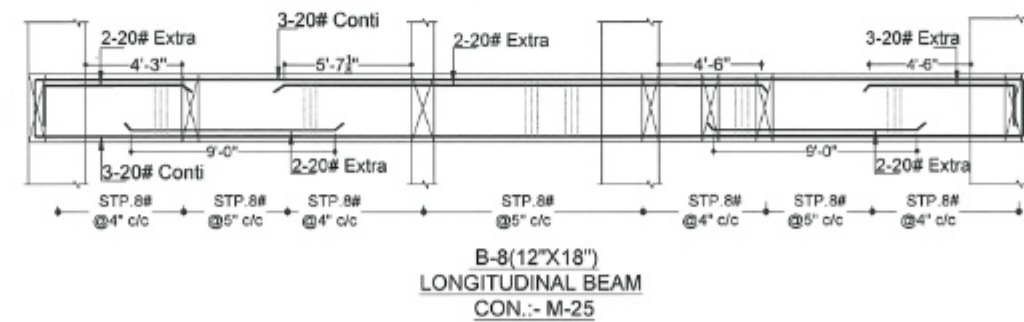
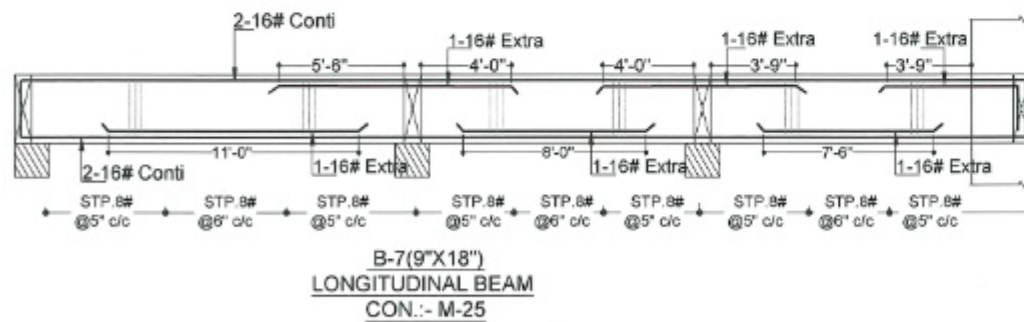
REMARK:

R.C.C. SLAB DETAILS:-

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



For KARAN BUILDERS AND DEVELOPERS
Proprietor



Er. Hemant Kachhwaha
M.Tech(Str) B.E.(Civil)
Proprietor & Manager

STRUCTURE CONSULTANT

S.K. CREATIONS

57, GAYTRI NAGAR-A, DURGAPURA, JAIPUR

(RAJASTHAN) 302018

Email - skcreations.hk@gmail.com

MO. +91-9351368735

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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EXCAVATION CHECK :-

- (1) THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.
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- (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.
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- | * WALLS, COLUMNS AND VERTICAL | FACES OF ALL MEMBERS | 36 TO 48 HOURS |
|---|----------------------|----------------|
| * SLABS (PROPS LEFT UNDER) <td>3 DAYS</td> | 3 DAYS | |
| * BEAM SOFFITS (PROPS LEFT UNDER) <td>7 DAYS</td> | 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/mm²

CONC. GRADE	Ld=550 Ldc=550	Ld=415 Ldc=415
M-20	57d	46d
M-25	49d	39d
M-30	46d	37d
M-35	41d	33d
M-40	36d	29d

REINFORCING STEEL :-

- R1. ALL REINFORCING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS-1789-2008.
- R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 550 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.
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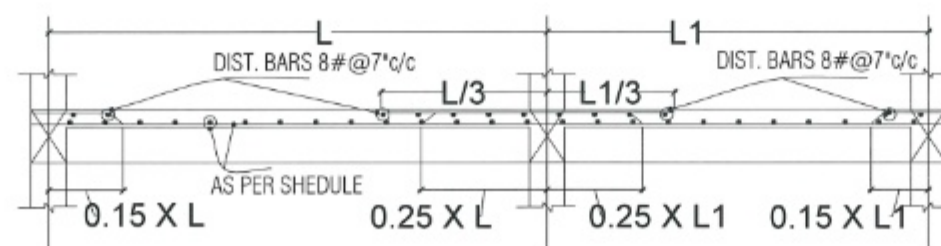
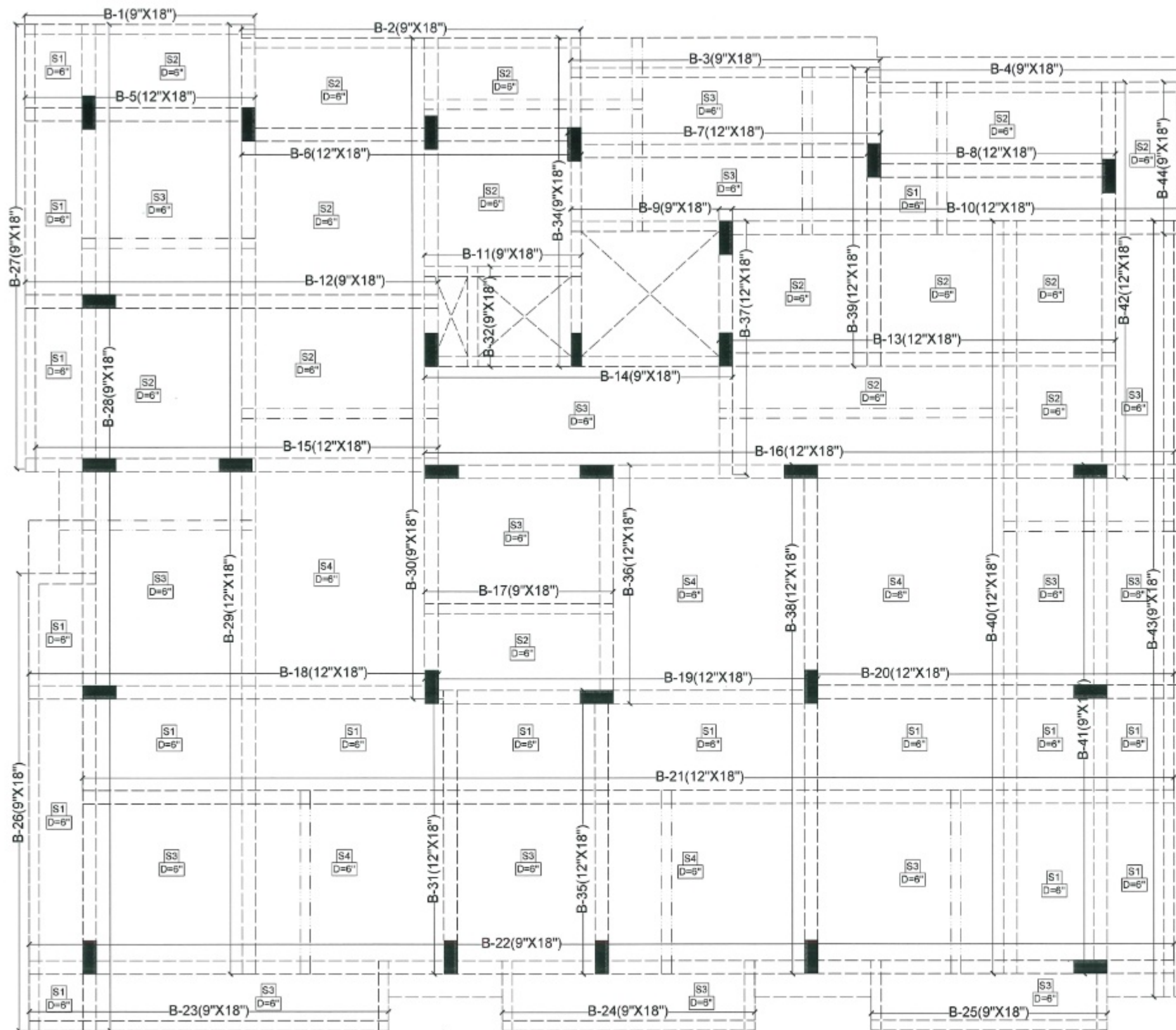
PROJECT

A1-A2, NARAYANPURI

DRAWING TITLE

PLINTH BEAM DETAIL

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	17.07.2024
REMARK:	



TYP. BAR CURTAILMENT IN SLAB

For KARAN BUILDERS AND DEVELOPERS
 16/11/24
 Proprietor

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

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S3	#10@6\"C/C	#8@6\"C/C	#8@7\"C/C	0'-6"	M-25

STRUCTURE CONSULTANT

S.K. CREATIONS

87, GAYTRI NAGAR-A, DURGAPURA JAIPUR

(RAJASTHAN) 302018

Email: skcreations16@gmail.com

MO. 9314331387/35

ARCHITECTS

FRANK SQUARE

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Email: afranksquare@gmail.com

Mobile: 9461302542

GENERAL NOTES :-

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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 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 8 TO 9 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	L _{dc} -550	L _{dc} -550	L _{dc} -415	L _{dc} -415
M-20	57d	49d	47d	38d
M-25	49d	39d	41d	33d
M-30	45d	37d	38d	31d
M-35	41d	33d	34d	27d
M-40	35d	29d	30d	24d

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.
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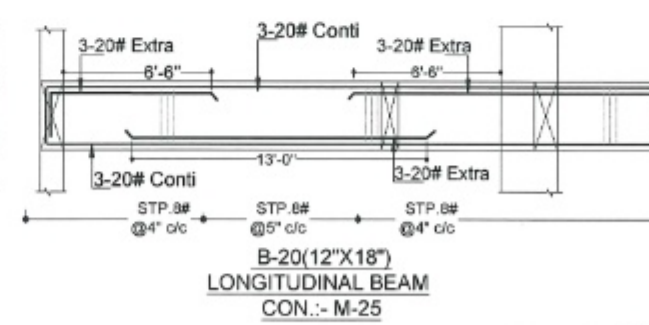
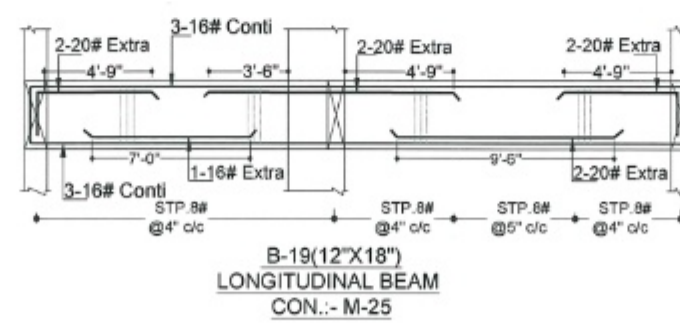
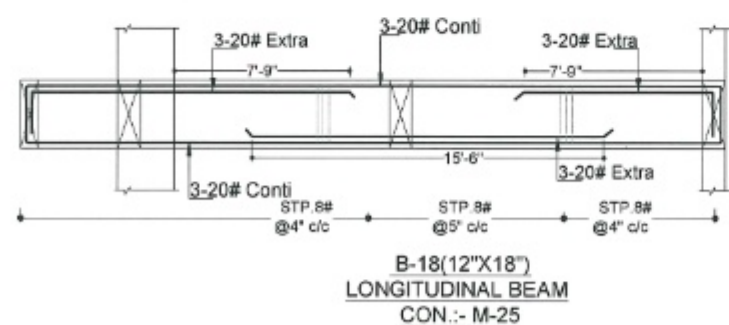
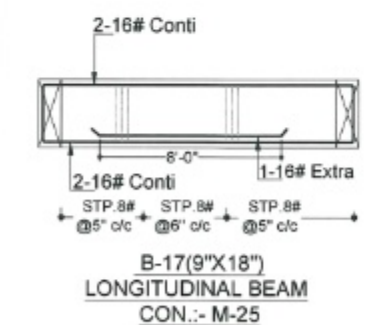
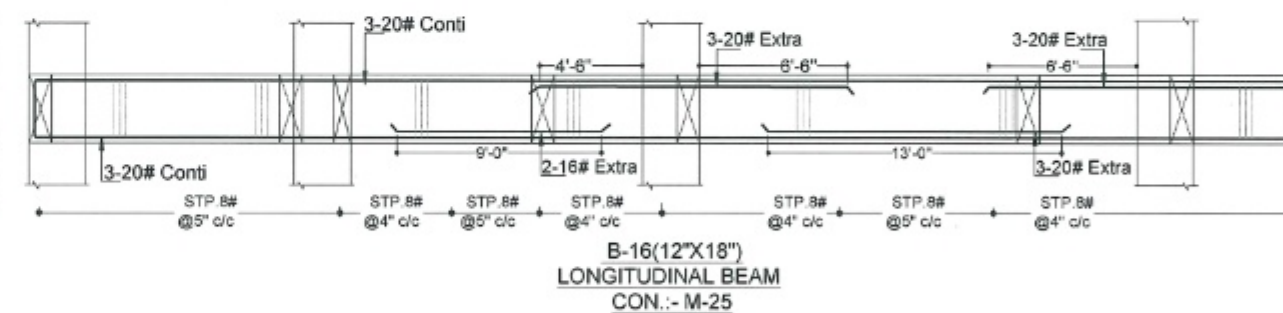
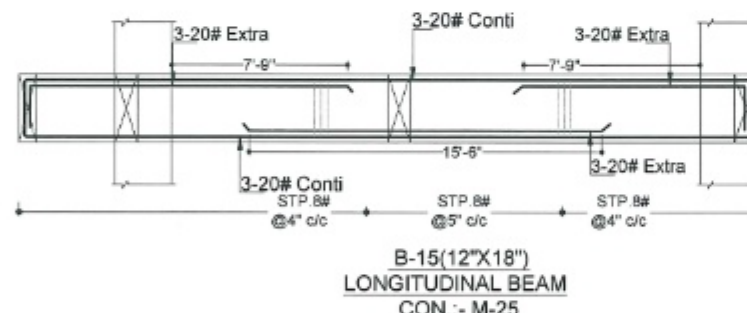
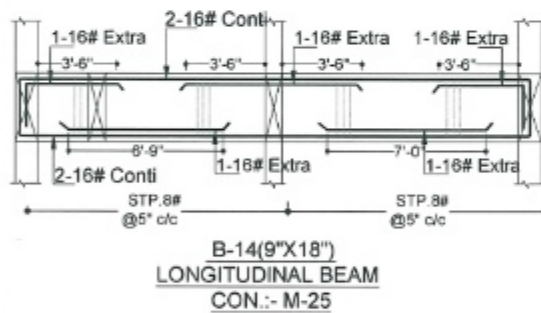
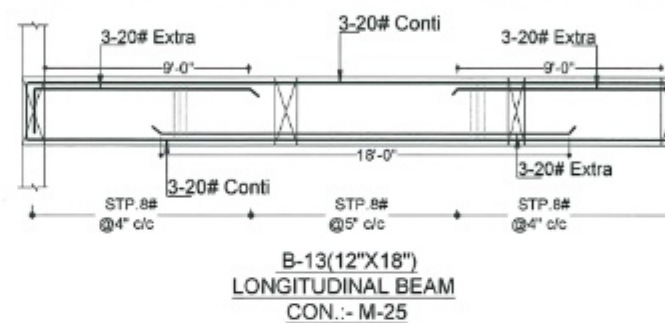
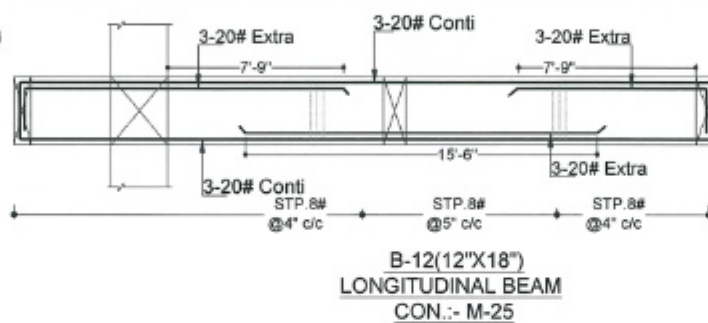
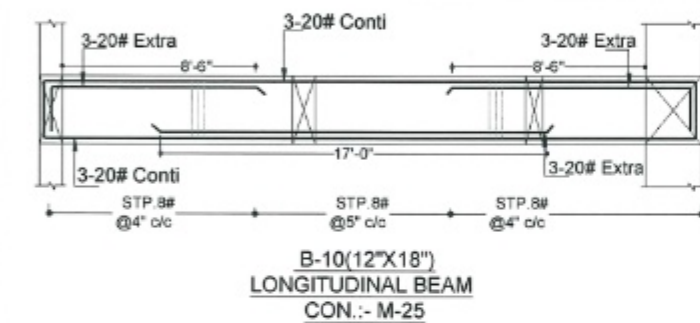
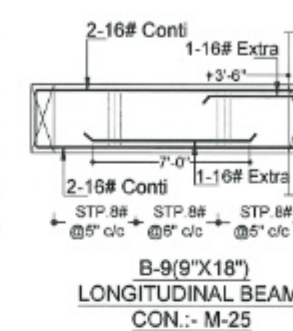
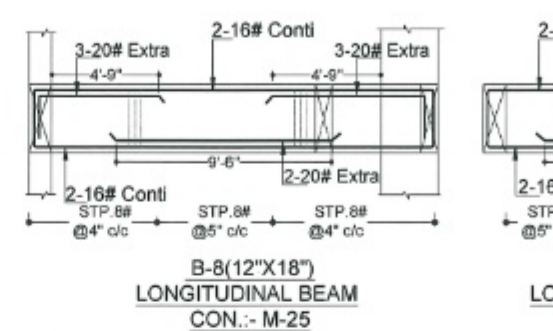
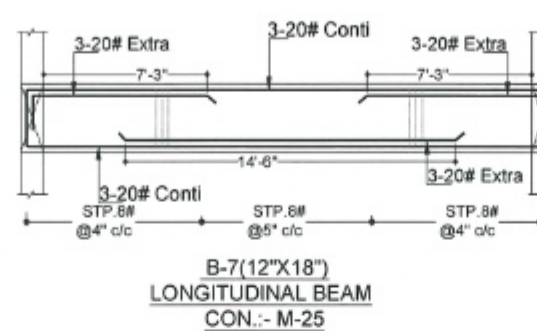
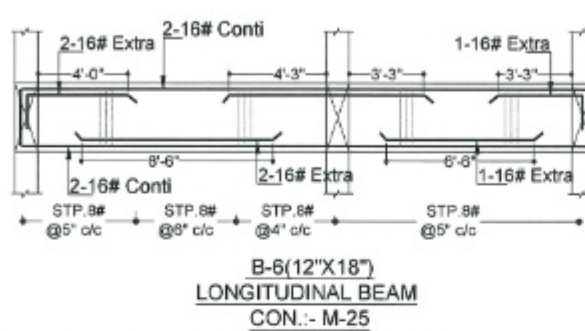
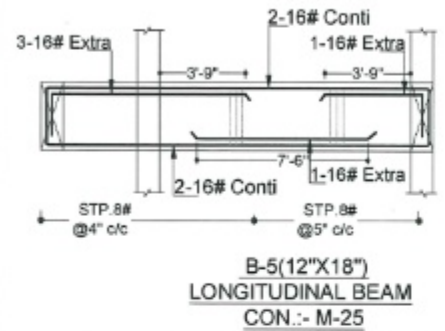
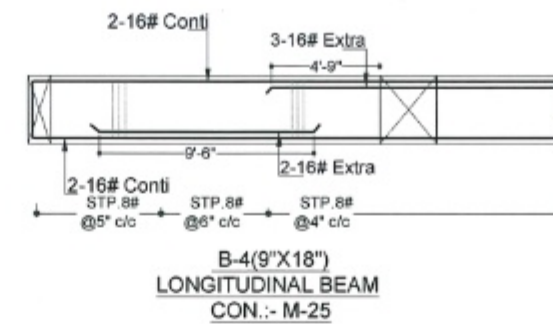
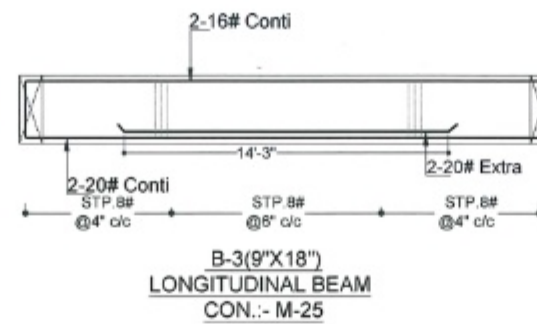
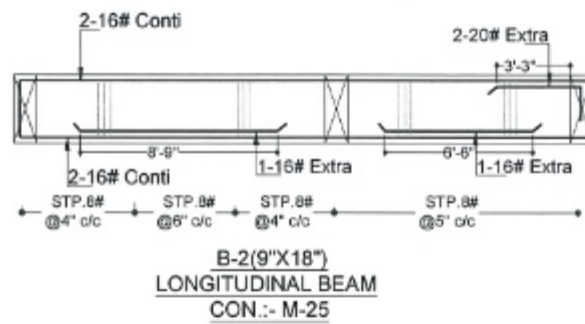
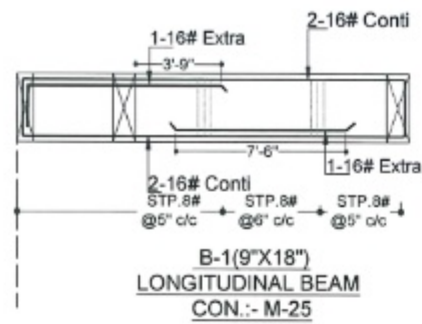
PROJECT

A1-A2, NARAYANPURI

DRAWING TITLE

STILT ROOF SHUTTERING LAYOUT PLAN

DRAWN BY: DEEPAK
 CHECKED BY: HEMANT KACHHWAHA
 DATE: 18.07.2024
 REMARK:



STRUCTURE CONSULTANT

S.K. CREATIONS

87, GAYTRI NAGAR-A, DURGAPURA, JAIPUR

(RAJASTHAN) 302018

Email: skcreations.hk@gmail.com

MO. +91-9351368735

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 SHALL 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 PERIOD

* 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 L₅₀₋₅₅₀ L₆₀₋₅₅₀ L₅₀₋₄₁₅ L₆₀₋₄₁₅

M-20 57d 45d 47d 38d

M-25 49d 39d 41d 33d

M-30 48d 37d 38d 31d

M-35 41d 33d 34d 27d

M-40 35d 29d 30d 24d

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

A1-A2, NARAYANPURI

DRAWING TITLE

STILT FLOOR SHUTTERING

LAYOUT PLAN(1)

DRAWN BY: DEEPAK

CHECKED BY: HEMANT

KACHHWAHA

DATE: 18.07.2023

REMARK:

For KARAN BUILDERS AND DEVELOPERS

5/69/104

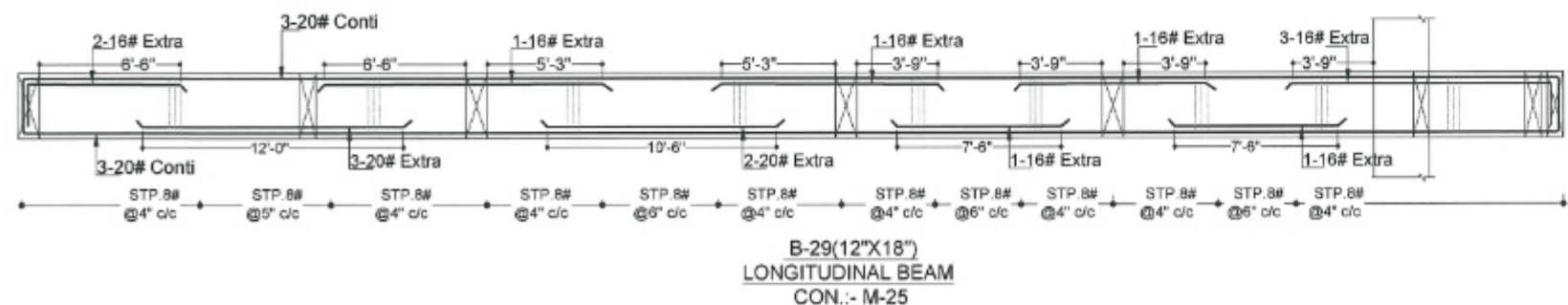
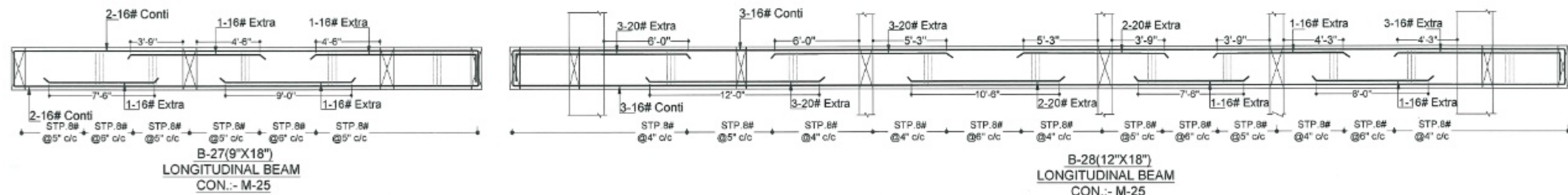
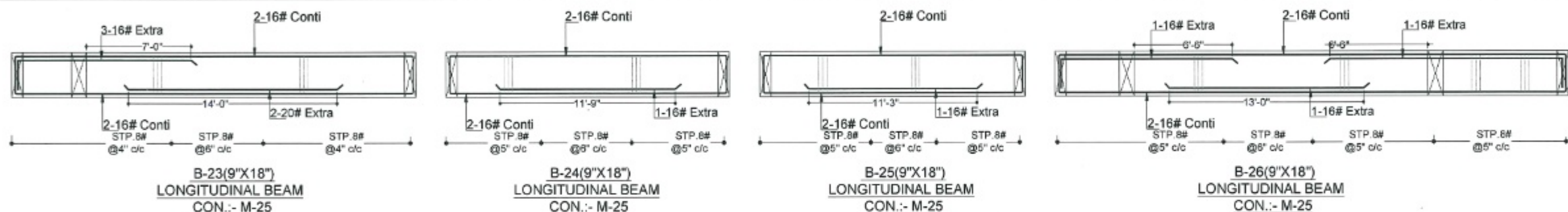
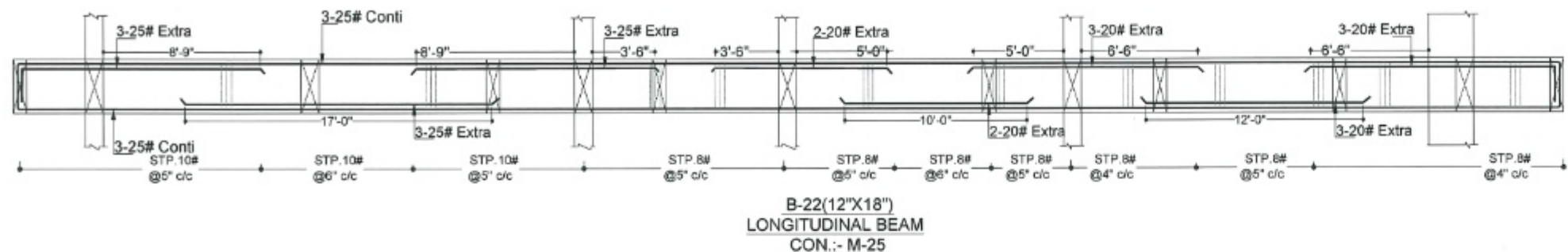
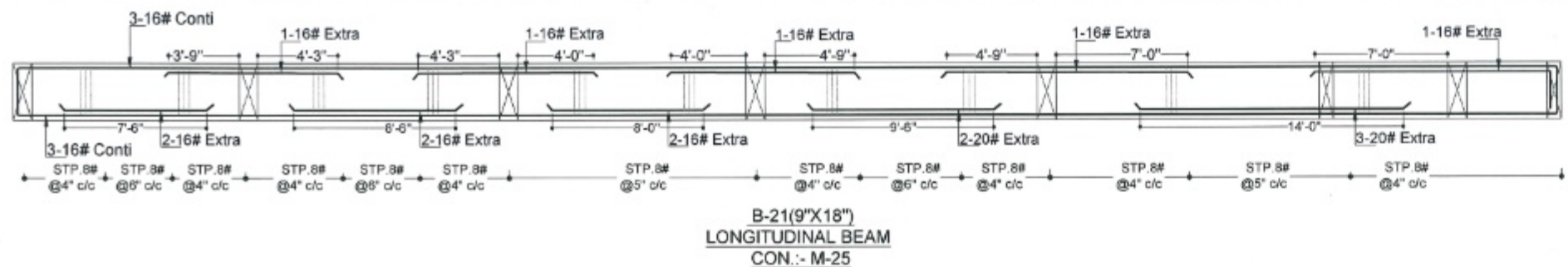
Proprietor

Er. Hemant Kachhwaha

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

S.K. CREATIONS

Proprietor/Manager



Er. Hemant Kachhwaha
M.Tech(Str) B.E.(Civil)

For KARAN BUILDERS AND DEVELOPERS
Proprietor

STRUCTURE CONSULTANT

S.K. CREATIONS

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Email: skcreations.hk@gmail.com
MO: +91-9351368735

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER
C-19 VIDYA APARTMENT PARAS MARG,
BAPU NAGAR JAIPUR, (RAJ.)
Email: afranksquare@gmail.com
Mobile: 9461302542

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 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 SANDY, 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 | 36 TO 48 HOURS |
|-----------------------------------|----------------|
| * 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 4000 | 7 DAYS |
| - SPANNING OVER 4000 | 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)	Ld(415)	Ld(415)	Ld(415)
M-20	57d	46d	47d	38d
M-25	49d	39d	41d	33d
M-30	46d	37d	38d	31d
M-35	41d	33d	34d	27d
M-40	36d	29d	30d	24d

REINFORCING STEEL :-

- R1. ALL REINFORCING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS: 1785-2008.
 - R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 5500 N/mm².
 - R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | 50 mm. ALL AROUND |
|--------------|---------------------|
| * 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

A1-A2, NARAYANPURI

DRAWING TITLE

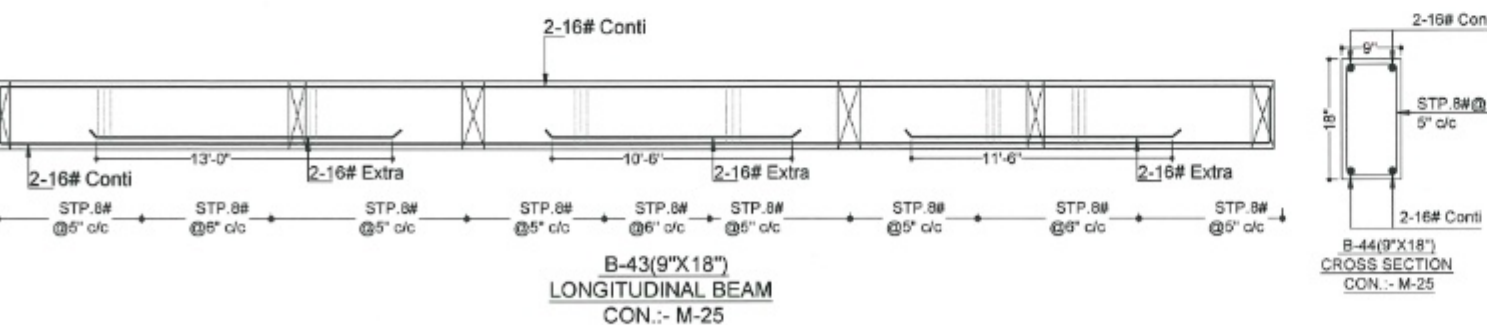
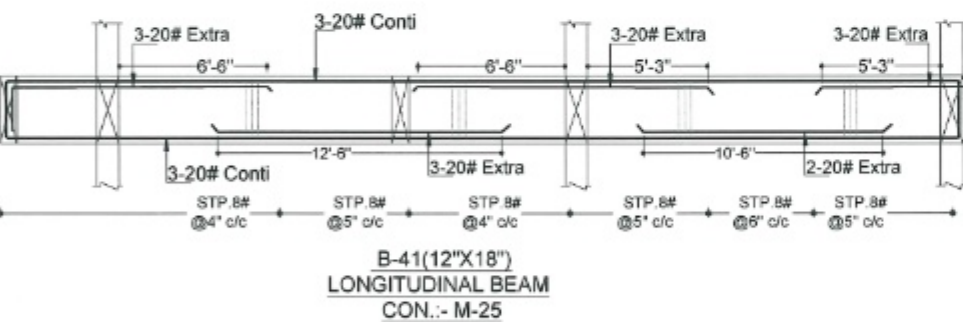
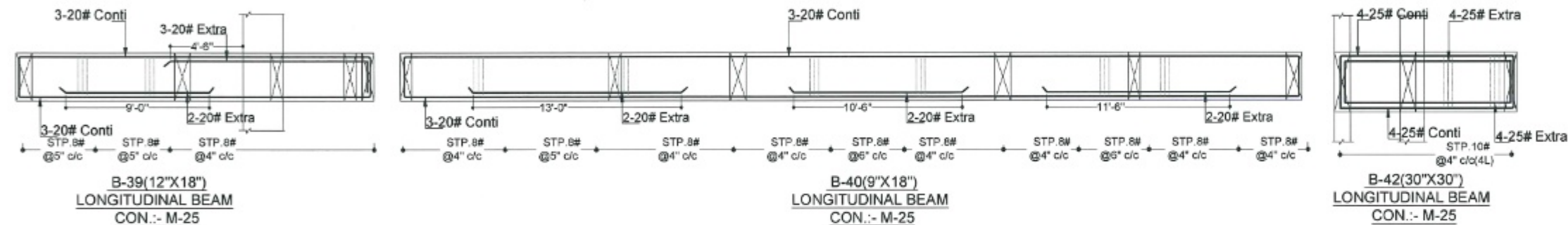
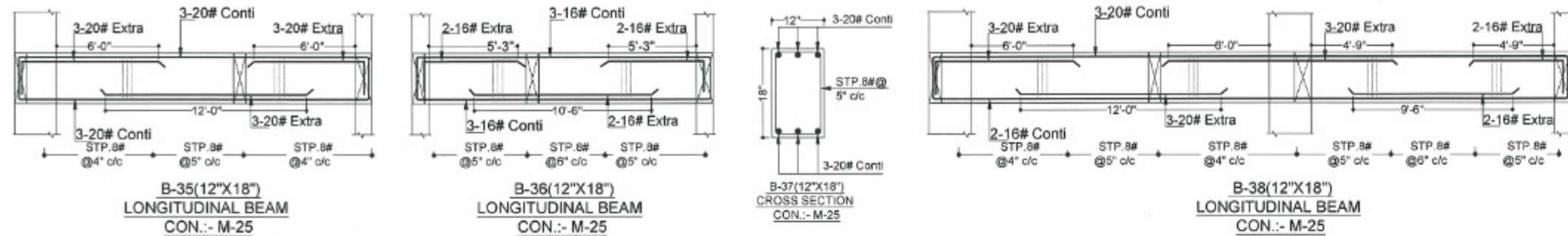
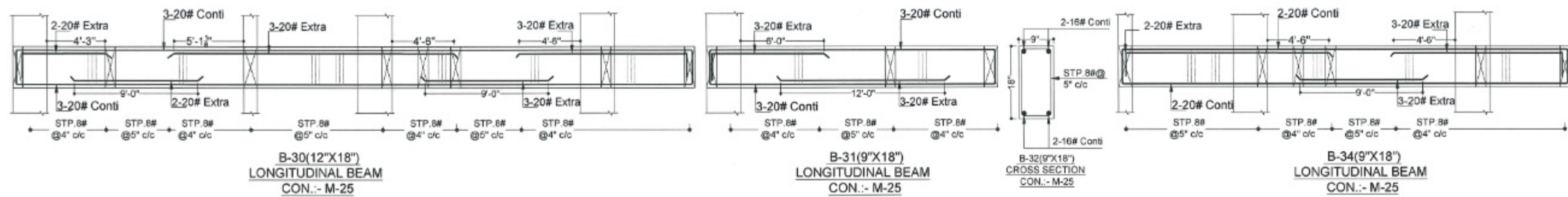
STILT FLOOR SHUTTERING
LAYOUT PLAN(2)

DRAWN BY: DEEPAK

CHECKED BY: HEMANT
KACHHWAHA

DATE: 17.07.2024

REMARK:

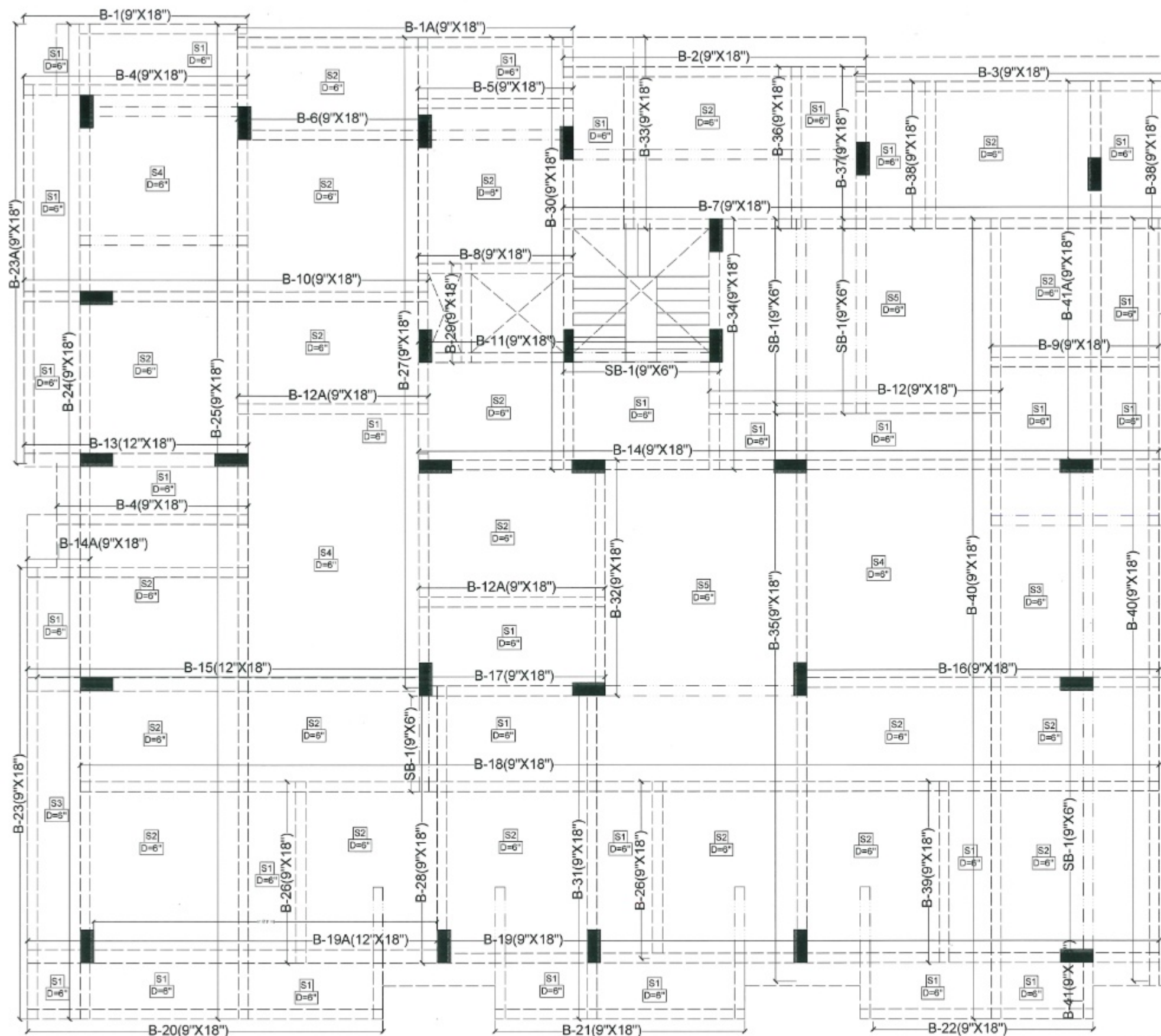


Er. Hemant Kachhwaha
M.Tech(Str) B.E.(Civil)

For KARAN BUILDERS AND DEVELOPERS
Proprietor/Manager

For KARAN BUILDERS AND DEVELOPERS
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STRUCTURE CONSULTANT																																	
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M-40	38d	29d	30d	24d																													
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 550 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																																	
<table><tr><td>NO.</td><td>DATE</td><td>ISSUED TO</td><td>CKD.</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table>				NO.	DATE	ISSUED TO	CKD.																										
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PROJECT																																	
A1-A2, NARAYANPURI																																	
DRAWING TITLE																																	
STILT FLOOR SHUTTERING LAYOUT PLAN(3)																																	
DRAWN BY: DEEPAK																																	
CHECKED BY: HEMANT KACHHWAHA																																	
DATE: 17.07.2024																																	
REMARK:																																	

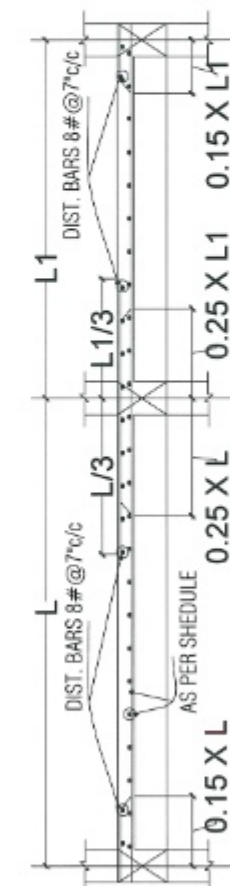


For KARAN BUILDERS AND DEVELOPERS
 21/6/24
 Proprietor

Er. Hemant Kachhwaha
 M.Tech(Str) B.E.(Civil)

FRANK SQUARE
 Proprietor/Manager

NOTES:-
 1. GRADE OF CONCRETE M25
 2. GRADE OF STEEL FE-550D



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 :-

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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 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 8 TO 9 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		7 DAYS
-SPANNING UP TO 4500		7 DAYS
-SPANNING OVER 4500		14 DAYS
* REMOVAL OF PROPS UNDER BEAMS		14 DAYS
-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	Ld-415	Ld-415	Ld-415
M-20	57d	45d	47d	38d
M-25	49d	39d	41d	33d
M-30	45d	37d	38d	31d
M-35	41d	33d	34d	27d
M-40	35d	29d	30d	24d

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 PER SCHEDULES
* ROOF	-M-25

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

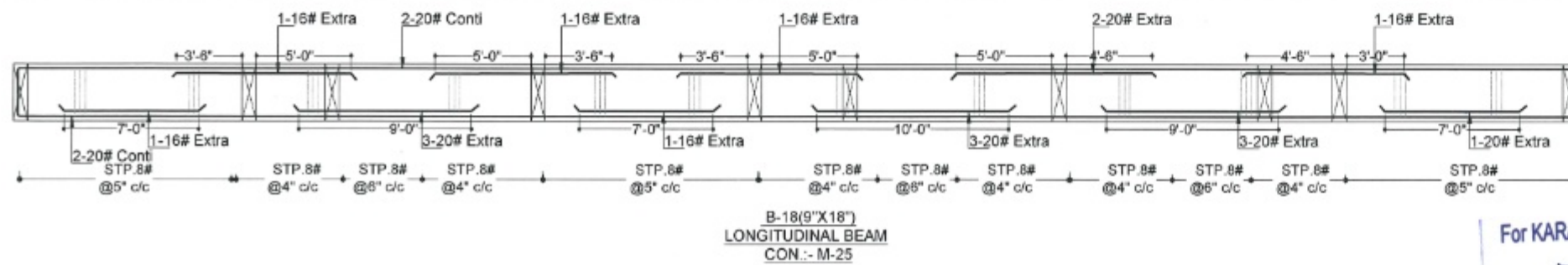
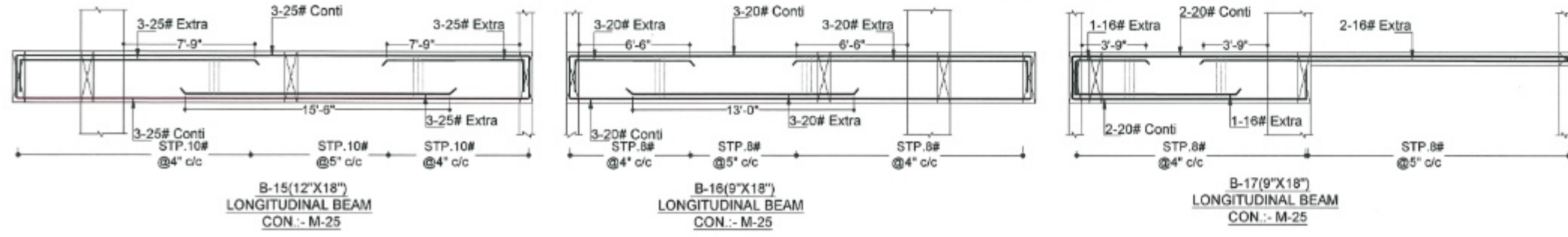
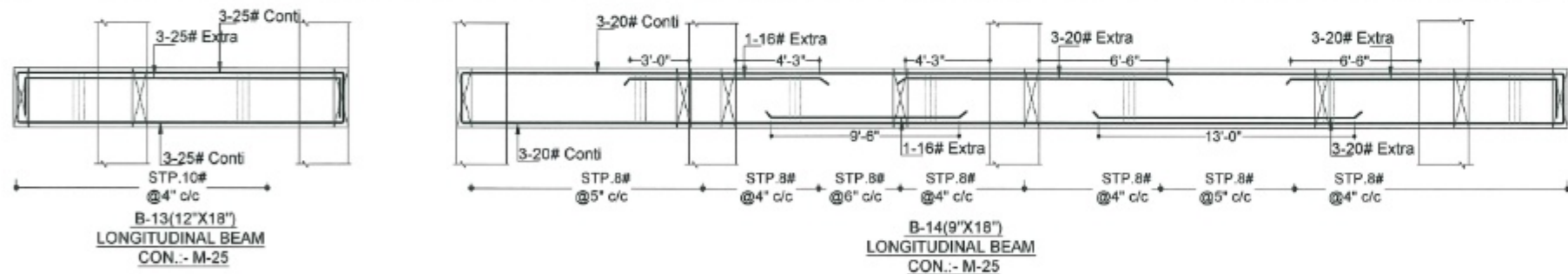
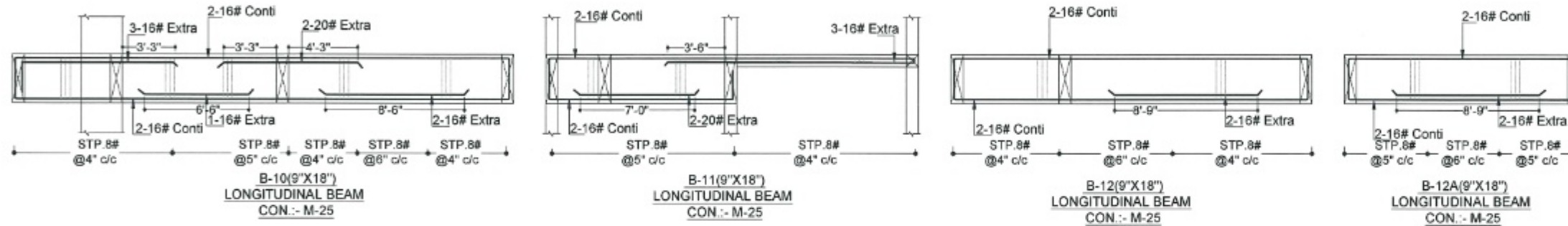
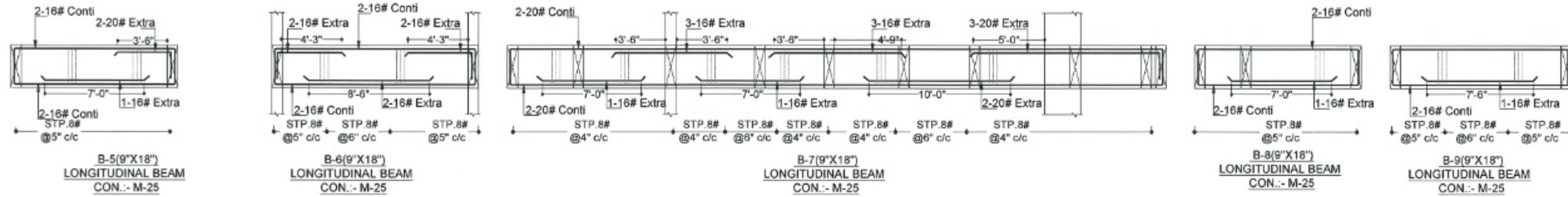
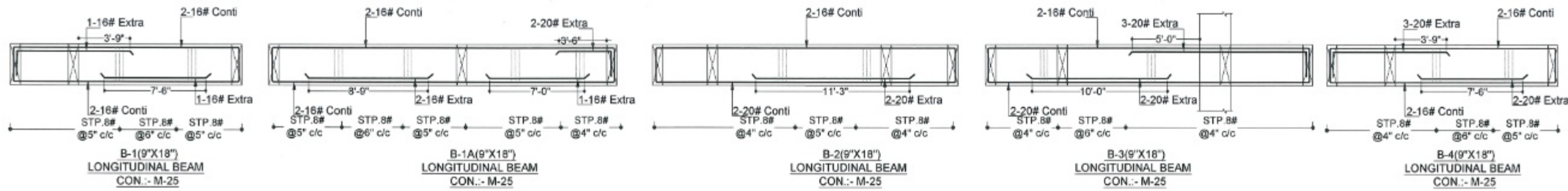
A1-A2, NARAYANPURI

DRAWING TITLE

TYPICAL FLOOR SHUTTERING LAYOUT PLAN

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	18.07.2024
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@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	#12@4"C/C	#12@6"C/C	#8@7"C/C	0'-6"	M-25



STRUCTURE CONSULTANT

S.K. CREATIONS

87, GAYTRI NAGAR-A, DURGAPURA, JAIPUR

(RAJASTHAN) 302016

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 :-

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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 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 PERIOD
- | * WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS | 36 TO 48 HOURS |
|--|----------------|
| * SLABS (PROPS LEFT UNDER) <td>3 DAYS</td> | 3 DAYS |
| * BEAM SOFFITS (PROPS LEFT UNDER) <td>7 DAYS</td> | 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	Ld-415	Ld-415	Ld-415
M-20	57d	48d	47d	36d
M-25	49d	39d	41d	33d
M-30	46d	37d	38d	31d
M-35	41d	35d	34d	27d
M-40	36d	29d	30d	24d

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 550 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

A1-A2, NARAYANPURI

DRAWING TITLE

TYPICAL FLOOR BEAM DETAIL (1)

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	18.07.2024
REMARK:	

Er. Hemant Kachhwaha

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

For KARAN BUILDERS AND DEVELOPERS

Proprietor

18.07.2024

Proprietor

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR, DISHA PURA, JAIPUR

9045378900

NO. +91-9861398736

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER

C-49 VIDYA APARTMENT PARAS MARG,

BAPU NAGAR JAIPUR, (RAJ)

Email-franksquare@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 BE LOOSE DUE TO UNDERMINING.

(3) THE SOIL SHOULD NOT BE LOOSE DUE TO EARTHQUAKES.

(4) THE SOIL SHOULD NOT BE LOOSE DUE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

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

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

P3 IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS SENSORY. HAND RAINING SHALL BE CARRIED OUT WITH AT LEAST 8 TO 9 PASSES.

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

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

30 TO 48 HOURS

9 DAYS

7 DAYS

BEAM SLOTTES (PREP LEFT UNDER)

REMOVAL OF PROPS UNDER SLABS

7 DAYS

14 DAYS

SPRINKLING OVER 4500

REMOVAL OF PROPS UNDER BEAMS

14 DAYS

SPRINKLING UP TO 6000

21 DAYS

SPRINKLING OVER 6000

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 $F_y = 550$ N/mm² & 415 N/mm² IS-456:2000

CONC. GRADE L44-550 L44-550 L44-415 L44-415

M-25 570 460 470 380

M-25 490 390 410 330

M-25 460 370 340 270

M-25 410 330 310 240

M-40 300 300 240

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 SCHEDULED

ROOF - M-25

(2) GRADE OF STEEL SHALL BE: FE 550D

REVISIONS

NO. DATE ISSUED TO CKD

PROJECT

A1-A2, NARAYANPURI

DRAWING TITLE

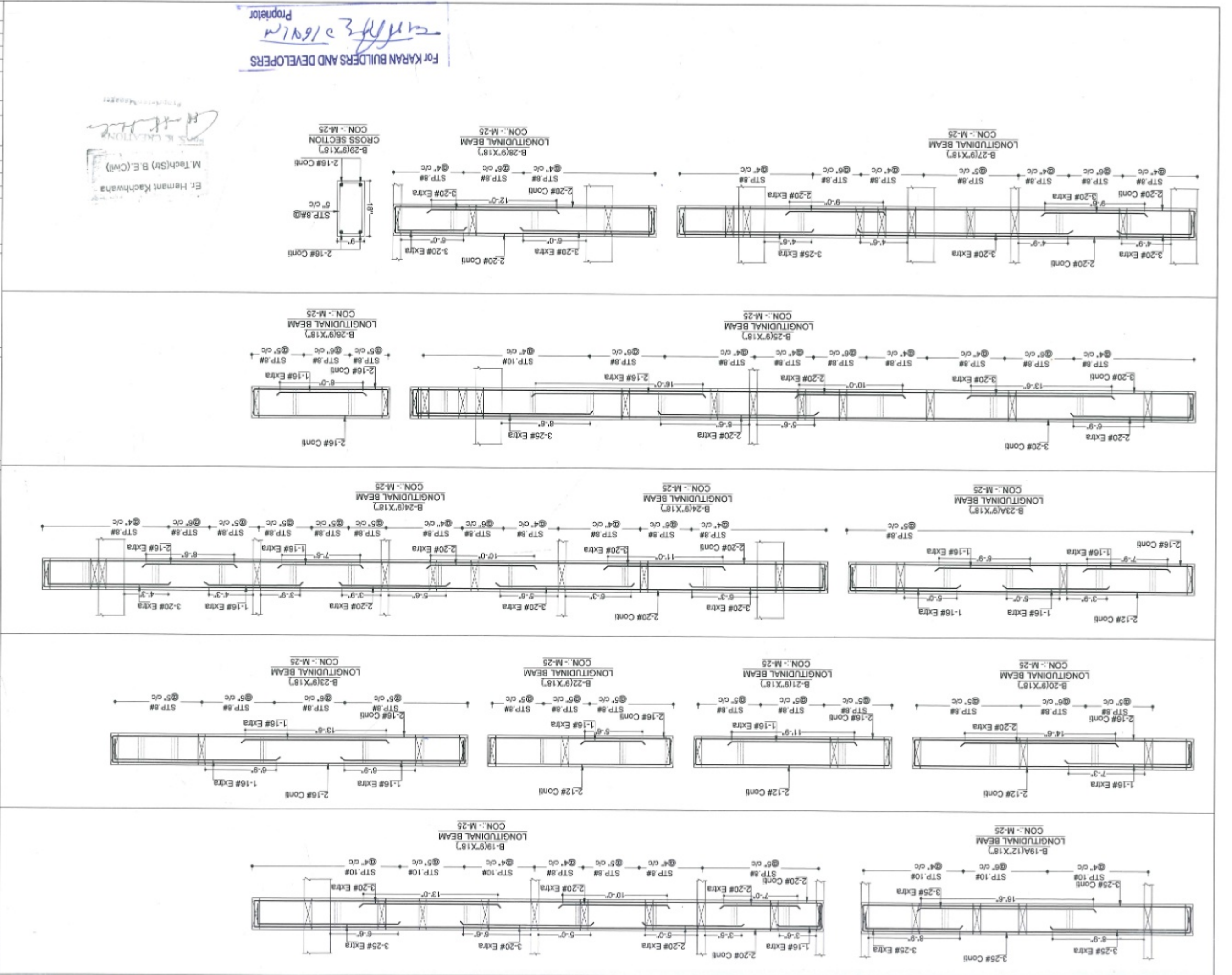
TYPICAL FLOOR BEAM DETAIL (2)

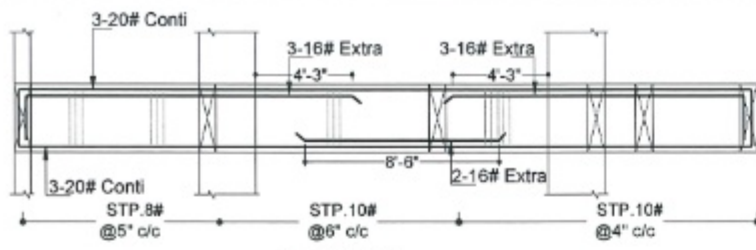
DRAWN BY: DEEPAK

CHECKED BY: HEEMANT

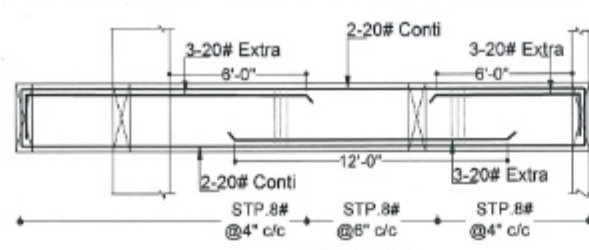
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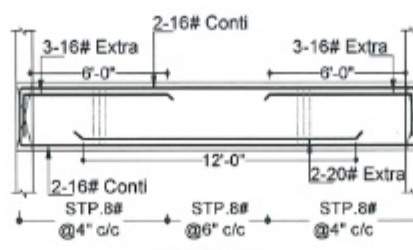




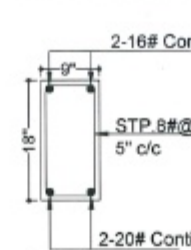
B-30(9\"X18\")
LONGITUDINAL PBEAM
CON:- M-25



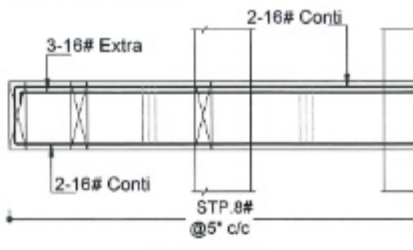
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LONGITUDINAL BEAM
CON:- M-25



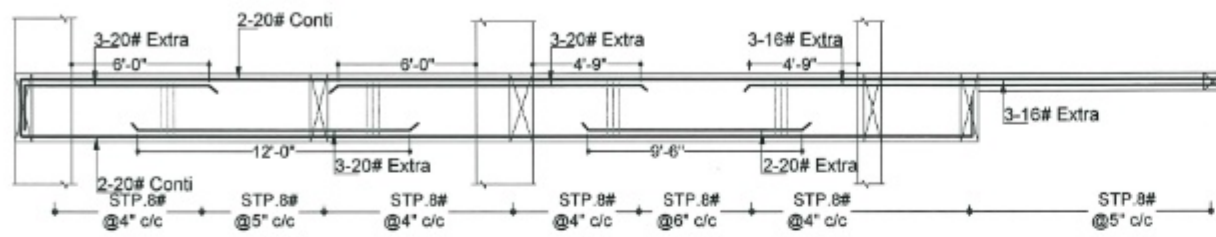
B-32(9\"X18\")
LONGITUDINAL BEAM
CON:- M-25



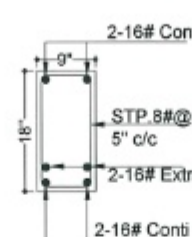
B-33(9\"X18\")
CROSS SECTION
CON:- M-25



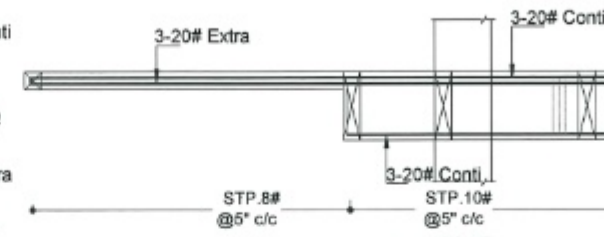
B-34(9\"X18\")
LONGITUDINAL PBEAM
CON:- M-25



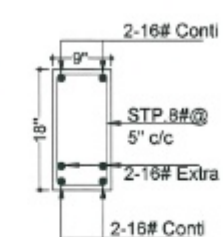
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LONGITUDINAL BEAM
CON:- M-25



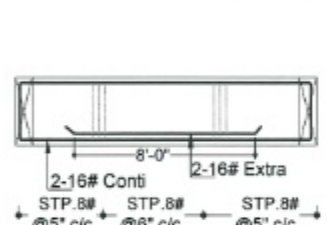
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CROSS SECTION
CON:- M-25



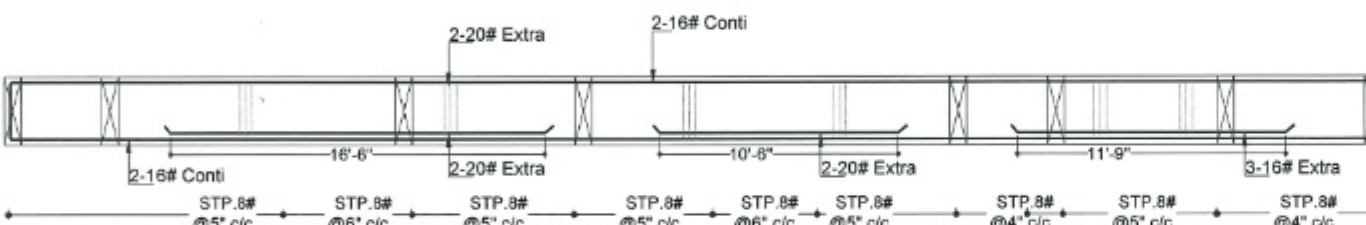
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LONGITUDINAL BEAM
CON:- M-25



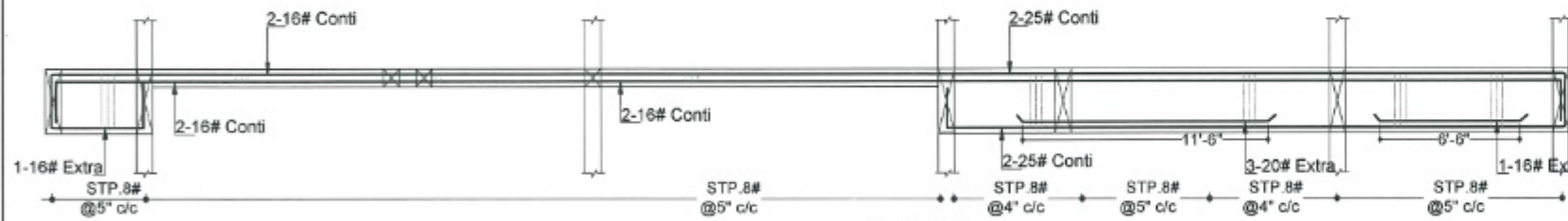
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CROSS SECTION
CON:- M-25



B-39(9\"X18\")
LONGITUDINAL BEAM
CON:- M-25



B-40(9\"X18\")
LONGITUDINAL BEAM
CON:- M-25



B-41(9\"X18\")
LONGITUDINAL BEAM
CON:- M-25

Er. Hemant Kachhwaha

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

FRANK SQUARE
ARCHITECTS

For KARAN BUILDERS AND DEVELOPERS

Proprietor

STRUCTURE CONSULTANT

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EXCAVATION CHECK :-

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- (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 5 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 ROC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- C3. DEVELOPMENT LENGTH FOR $P_y = 550 \text{ N/mm}^2$ & 415 N/mm^2

CONC. GRADE	Ld-550	Ld-550	Ld-415	Ld-415
M-20	57d	48d	47d	38d
M-25	49d	39d	41d	33d
M-30	45d	37d	38d	31d
M-35	41d	33d	34d	27d
M-40	35d	29d	30d	24d

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 550 N/mm².
 - R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | 50 mm. ALL AROUND |
|--------------|---------------------|
| * FOUNDATION | 40 mm. ALL AROUND |
| * COLUMNS | 30 mm. ALL AROUND |
| * BEAMS | 20 mm. TOP & BOTTOM |
| * SLABS | 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.

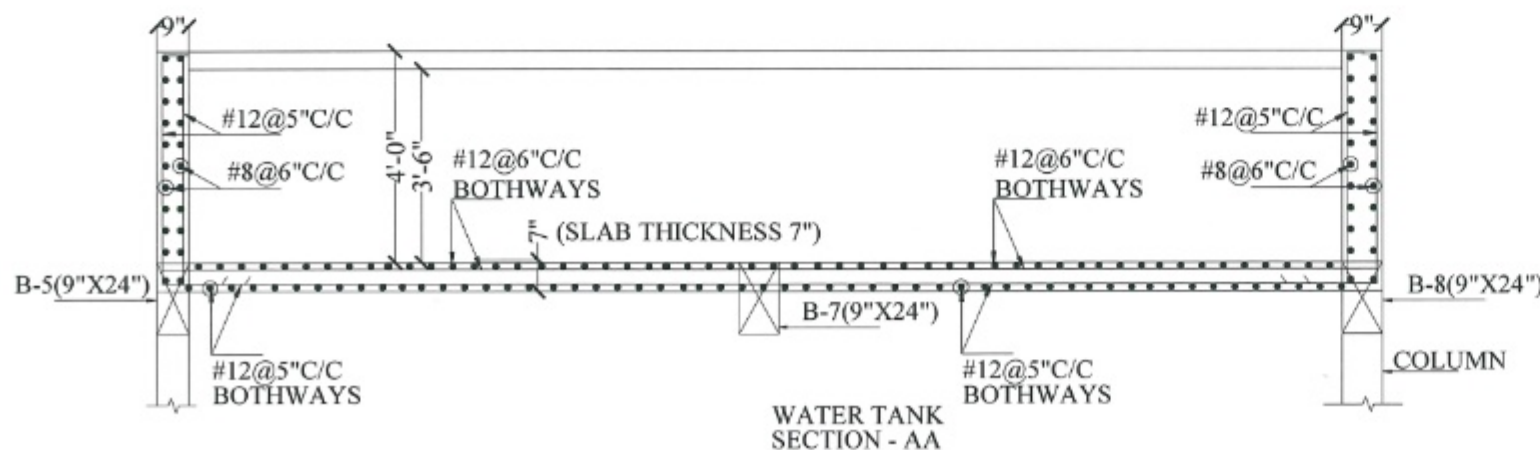
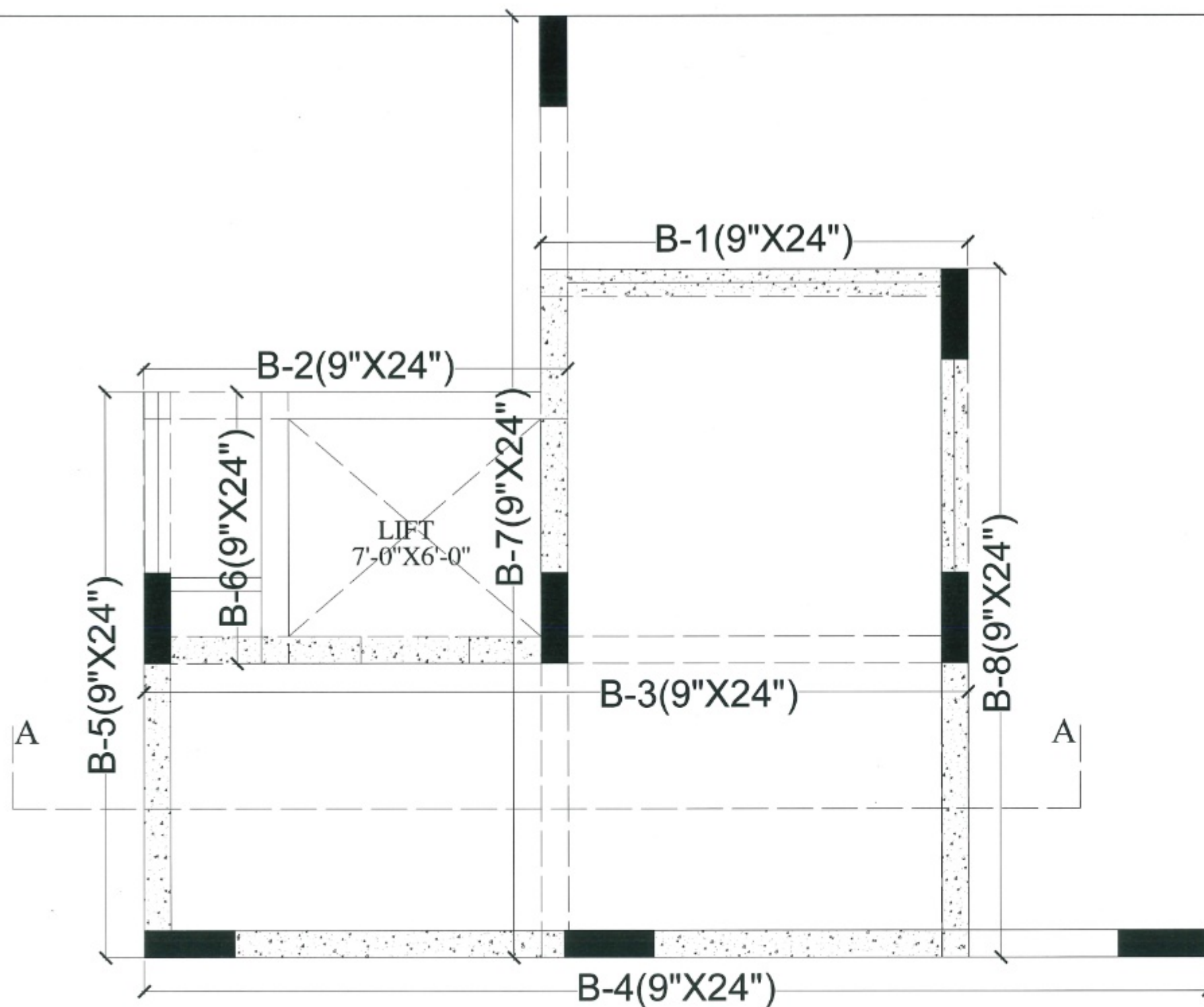
PROJECT

A1-A2, NARAYANPURI

DRAWING TITLE

TYPICAL FLOOR BEAM DETAIL {3}

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	18.07.2024
REMARK:	



Er. Hemant Kachhwaha

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

For S.K. CREATIONS

Proprietor/Manager

For KARAN BUILDERS AND DEVELOPERS

Proprietor

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA, JAIPUR

(RAJASTHAN) 322018

Email: skcreations.hk@gmail.com

MO. +91-9351386735

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER

C-49 VIDYA APARTMENT PARAS MARG,

BAPU NAGAR JAIPUR, (RAJ.)

Email: afranksquare@gmail.com

Mobile-9461302542

GENERAL NOTES :-

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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 5 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 ROC. 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	L _{db} -550	L _{dc} -550	L _{db} -415	L _{dc} -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	35Ø	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 550 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
	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

A1-A2, NARAYANPURI

DRAWING TITLE

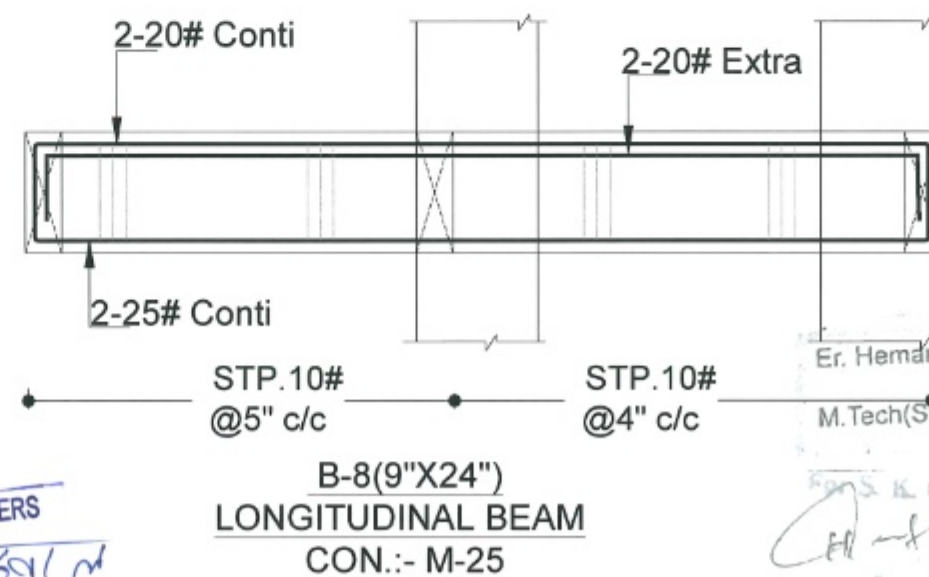
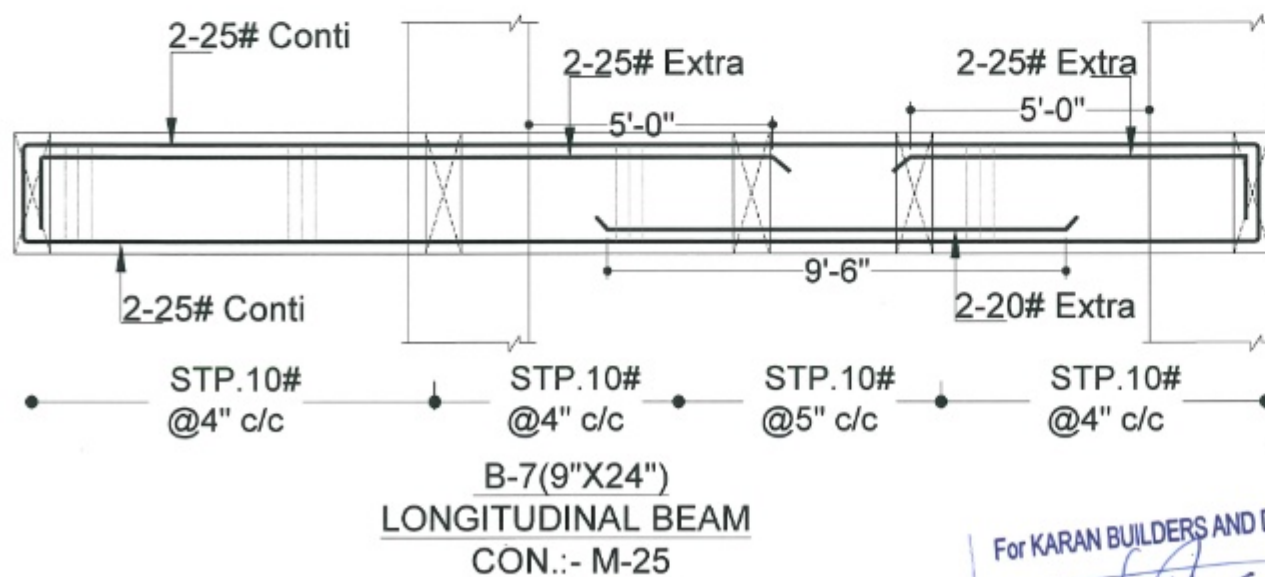
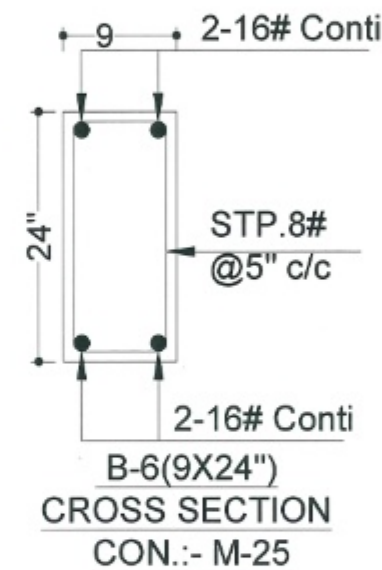
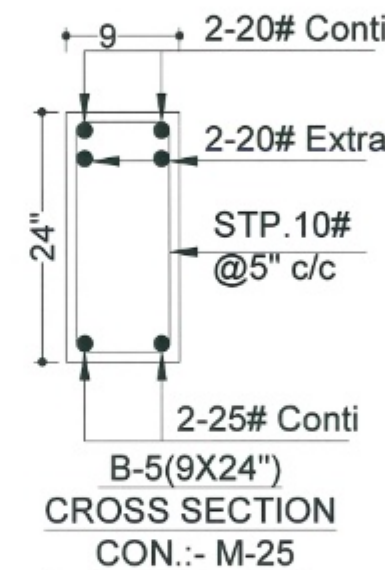
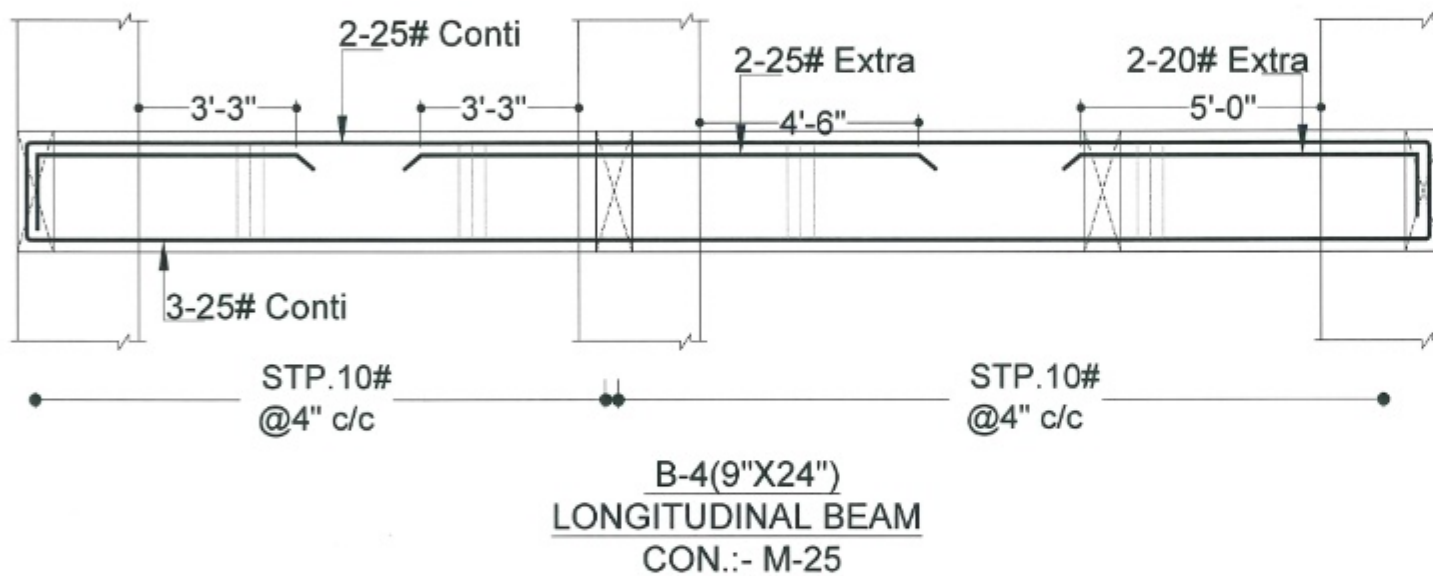
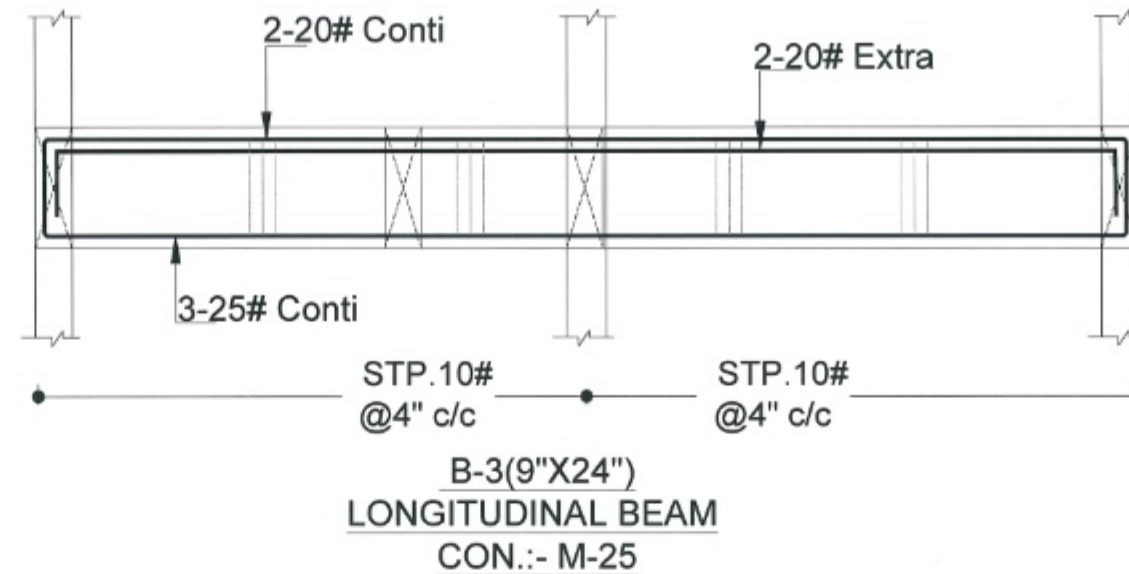
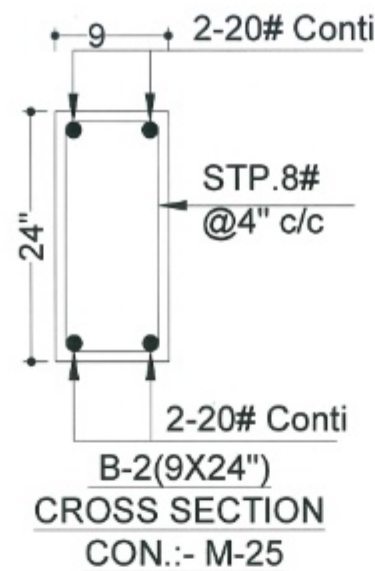
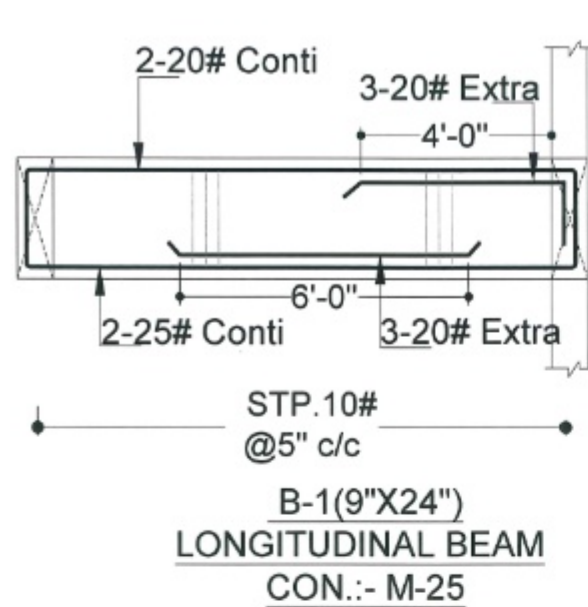
OVER HEAD WATER TANK
ROOF SHUTTERING [BOTTOM]

DRAWN BY: DEEPAK

CHECKED BY: HEMANT
KACHHWAHA

DATE: 22.10.2024

REMARK:



For KARAN BUILDERS AND DEVELOPERS
Proprietor

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

STRUCTURE CONSULTANT
S.K. CREATIONS
67, GAYTRI NAGAR-A, DURGAPURA JAIPUR
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Email: skcreations.hk@gmail.com
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ARCHITECTS
FRANK SQUARE
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C-49 VIDYA APARTMENT PARAS MARG,
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Email: sfranksquare@gmail.com
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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 BENDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 8 TO 9 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 35 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 ROC. 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	Ld-550	Ld-415	Ld-415
M-20	57Ø	45Ø	47Ø	38Ø
M-25	49Ø	39Ø	41Ø	33Ø
M-30	45Ø	37Ø	38Ø	31Ø
M-35	41Ø	33Ø	34Ø	27Ø
M-40	35Ø	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
20 mm. INNER FACE

DESIGN DATA :-
(1). GRADE OF CONCRETE SHALL BE-
* FOUNDATION -M-25
* COLUMNS - AS SCHEDULED
* ROOF - M-25
(2). GRADE OF STEEL SHALL BE- FE 550D

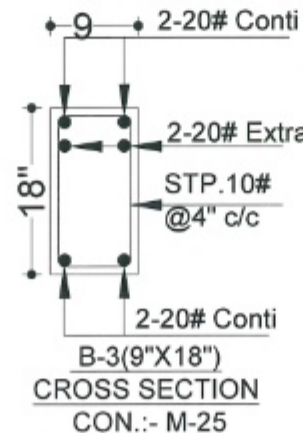
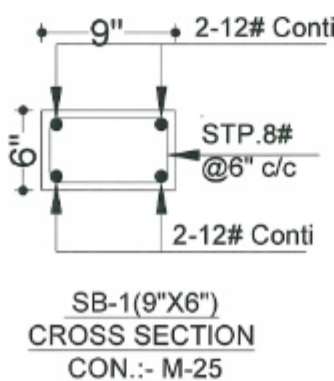
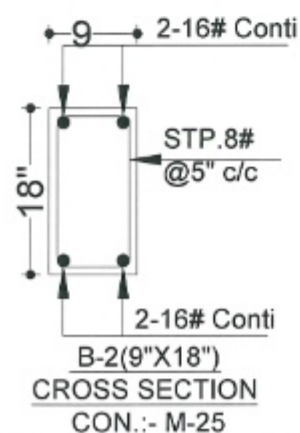
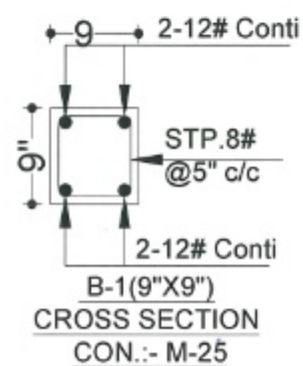
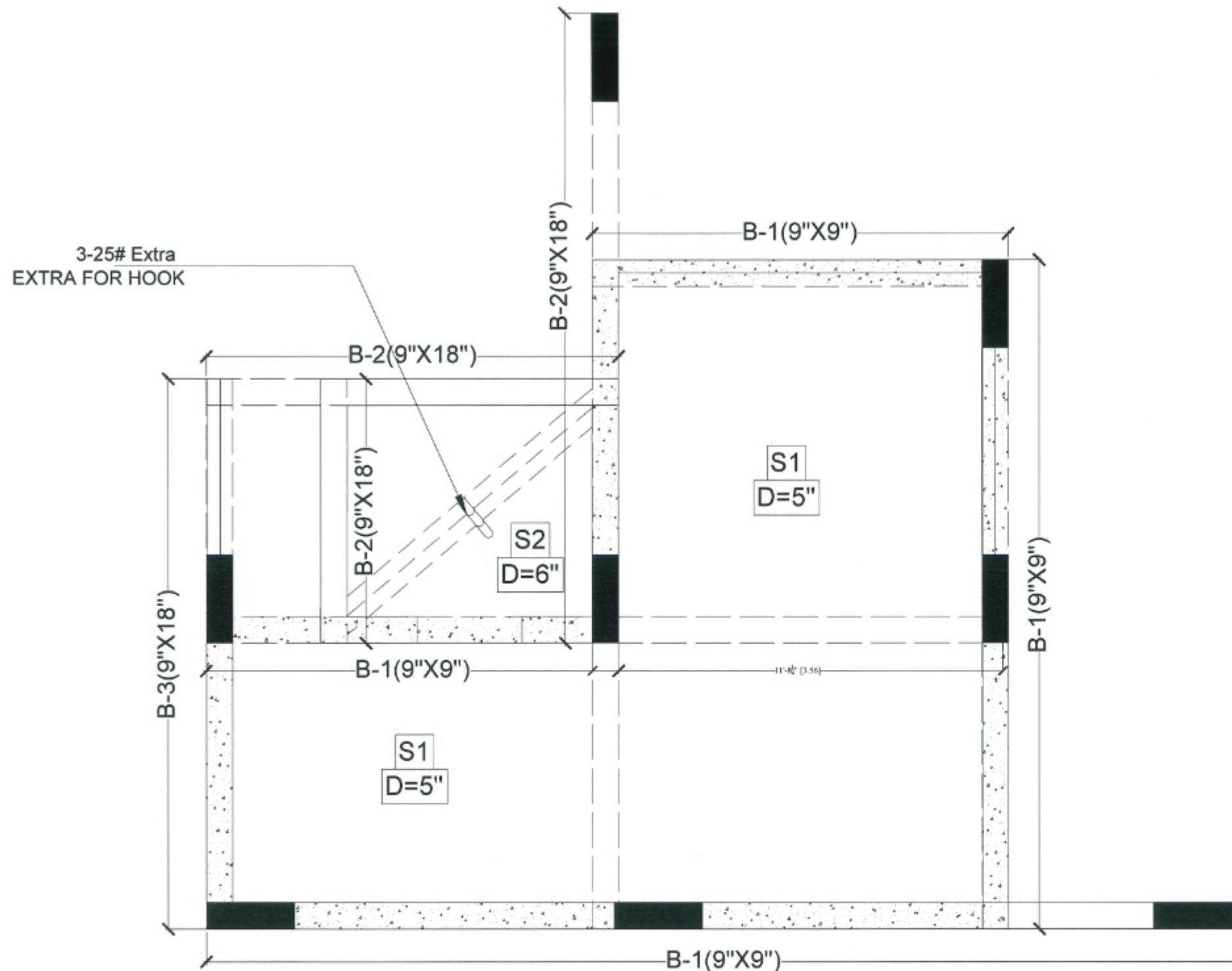
REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT
A1-A2, NARAYANPURI

DRAWING TITLE
OVER HEAD WATER TANK
BEAM DETAIL[BOTTOM]

DRAWN BY: DEEPAK
CHECKED BY: HEMANT KACHHWAHA
DATE: 22.10.2024
REMARK:



For KARAN BUILDERS AND DEVELOPERS
 27/10/2024
 Proprietor

NOTES:-

- GRADE OF CONCRETE . M25
- GRADE OF STEEL FE-550D

R.C.C. SLAB DETAILS:-

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

STRUCTURE CONSULTANT

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ARCHITECTS

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- THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

CONSTRUCTION PRACTICE :-

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

- USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
- ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- DEVELOPMENT LENGTH FOR $F_y = 550 \text{ N/mm}^2$ & 415 N/mm²

CONC. GRADE	Ld-550	Ld-550	Ld-415	Ld-415
M-20	57d	45d	47d	35d
M-25	49d	39d	41d	33d
M-30	45d	37d	38d	31d
M-35	41d	33d	34d	27d
M-40	35d	29d	30d	24d

REINFORCING STEEL :-

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 - CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
- | | 50 mm. ALL AROUND |
|--------------|---------------------|
| * 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 :-

- GRADE OF CONCRETE SHALL BE-
 * FOUNDATION - M-25
 * COLUMNS - AS SCHEDULED
 * ROOF - M-25
- GRADE OF STEEL SHALL BE- FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.
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PROJECT

A1-A2, NARAYANPURI

DRAWING TITLE

OVER HEAD WATER TANK
 ROOF SHUTTERING [TOP]

DRAWN BY: DEEPAK
 CHECKED BY: HEMANT KACHHWAHA

DATE: 22.10.2024

REMARK: