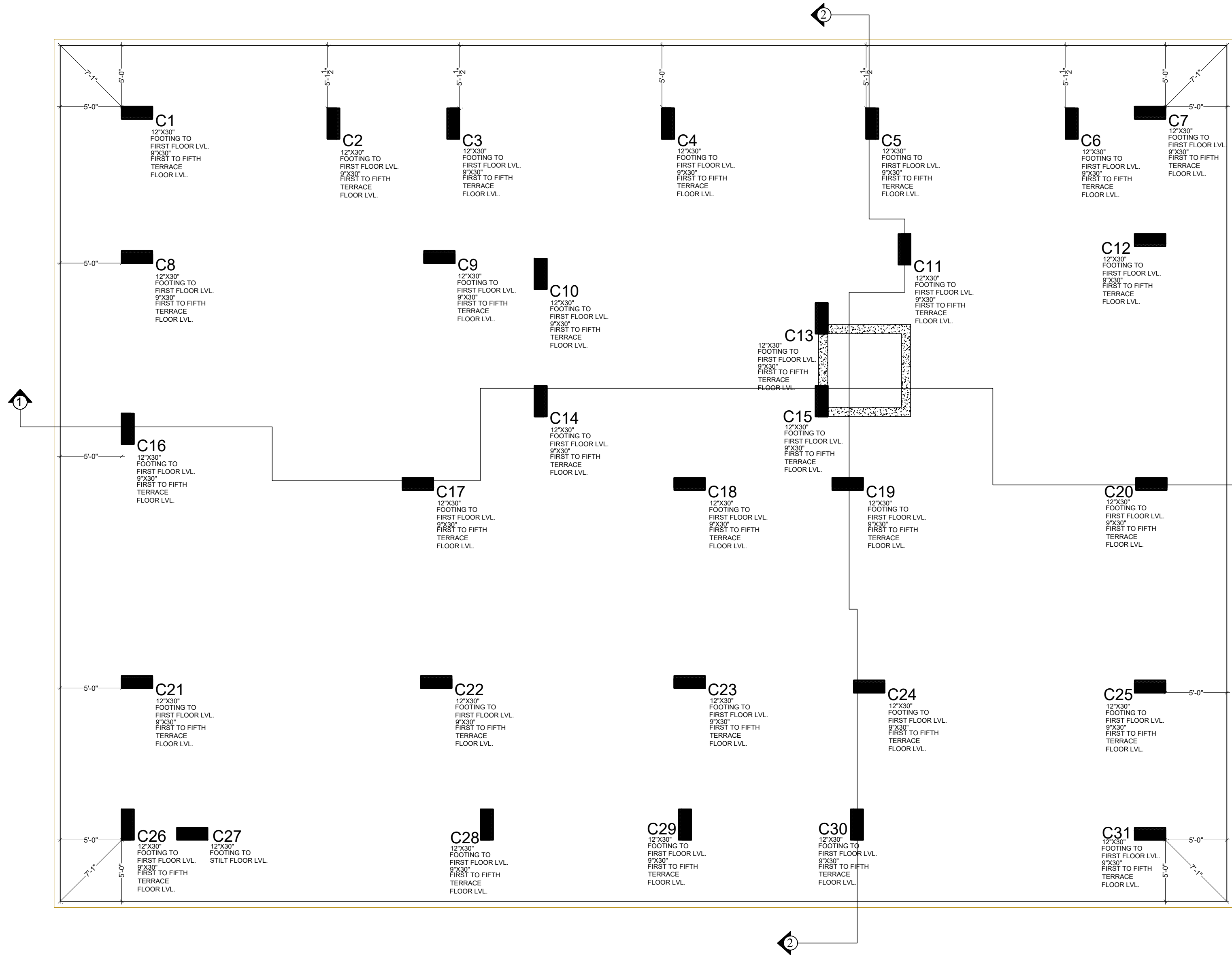




Er. Hemant Kachhwaha  
M.Tech(Str) B.E.(Civil)  
For S.K. CREATIONS  
Proprietor/Manager

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  
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  $F_y = 550 \text{ N/mm}^2$  &  $415 \text{ N/mm}^2$

| 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  $550D \text{ N/mm}^2$ .
  - 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.-A-53 & A-54,  
NARAYANPURI-A, JAIPUR

## DRAWING TITLE

## COLUMN REDUSING DETAIL

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 02.07.2024       |
| REMARK:     |                  |

## STRUCTURE CONSULTANT

## S.K. CREATIONS

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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  $F_y = 550 \text{ N/mm}^2$  &  $415 \text{ N/mm}^2$

| CONC. GRADE | Ldt-550 | Ldc-550 | Ldt-415 | Ldc-415 |
|-------------|---------|---------|---------|---------|
| M-20        | 57Ø     | 46Ø     | 47Ø     | 38Ø     |
| M-25        | 49Ø     | 39Ø     | 41Ø     | 33Ø     |
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## 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/mm<sup>2</sup>.
- 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 |
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## DESIGN DATA :-

- (1). GRADE OF CONCRETE SHALL BE-
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  - \* 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.-A-53 &amp; A-54,

NARAYANPURI-A, JAIPUR

## DRAWING TITLE

## FOUNDATION EXTRA BOTTOM DETAIL

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 02.07.2024       |
| REMARK:     |                  |

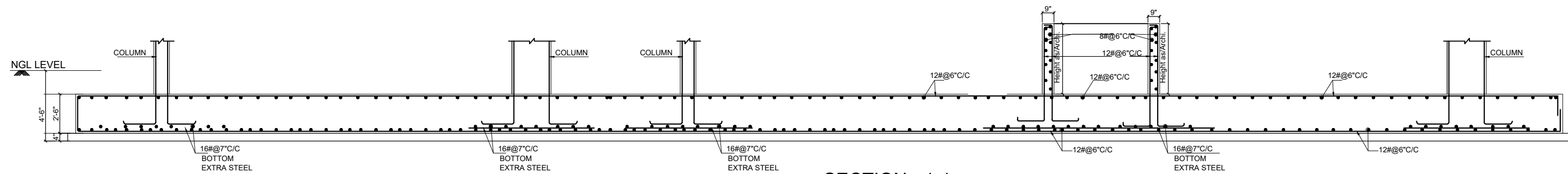
GRADE OF CONCRETE M-25  
GRADE OF STEEL FE - 550D

Er. Hemant Kachhwaha

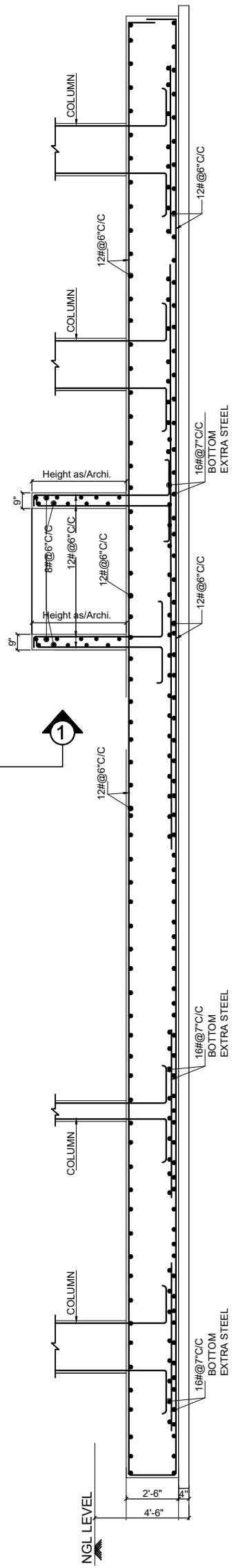
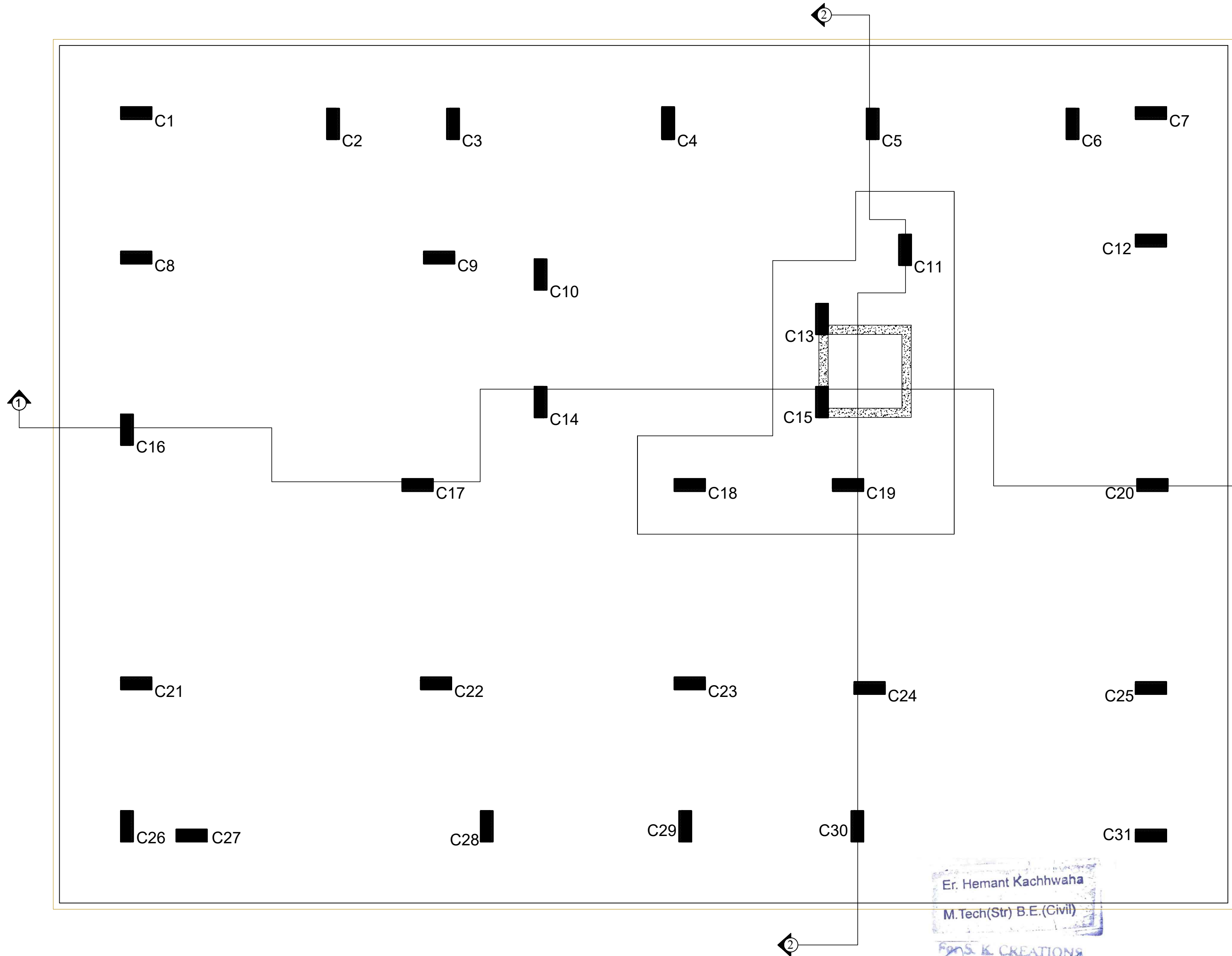
M.Tech(Str) B.E.(Civil)

S.K. CREATIONS

Proprietor/Manager



SECTION - 1-1



SECTION - 2-2

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

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| M-25        | 49Ø     | 39Ø     | 41Ø     | 33Ø     |
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- |              |                     |
|--------------|---------------------|
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| * BEAMS      | 30 mm. ALL AROUND   |
| * SLABS      | 20 mm. TOP & BOTTOM |
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| * 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.-A-53 & A-54,  
NARAYANPURI-A, JAIPUR

DRAWING TITLE

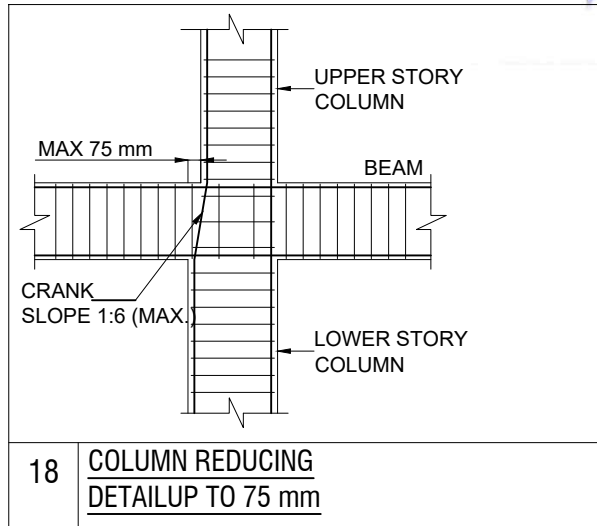
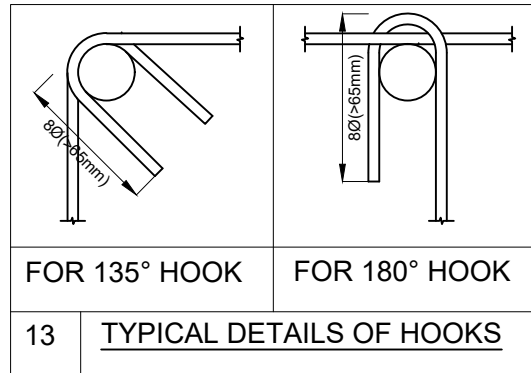
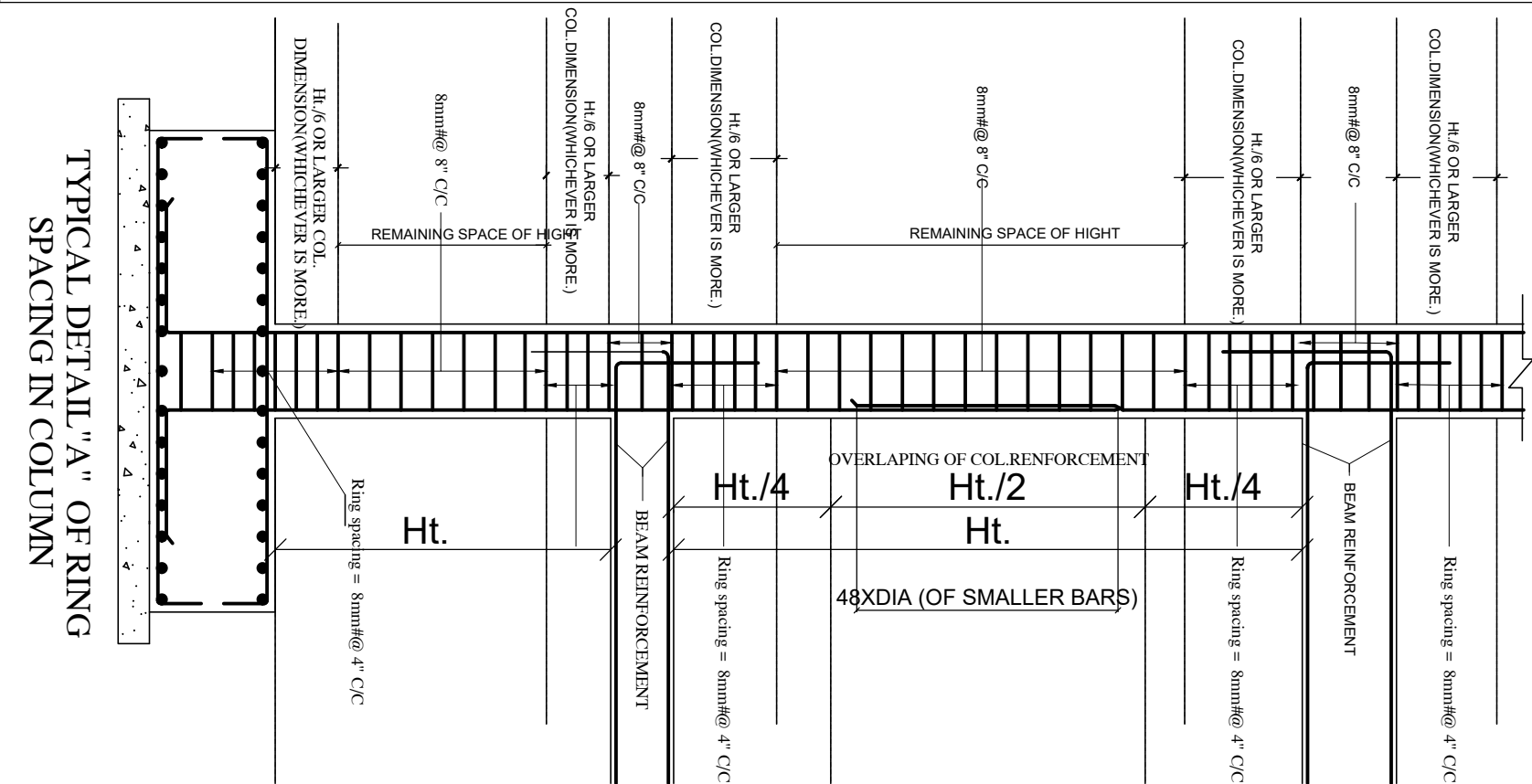
FOUNDATIONSECTION DETAIL

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 02.07.2024       |
| REMARK:     |                  |





| COLUMN                    | C7               |              |  | C8               |              |  | C9               |              |  | C10              |              |  | C11              |              |  | C12              |              |  |
|---------------------------|------------------|--------------|--|------------------|--------------|--|------------------|--------------|--|------------------|--------------|--|------------------|--------------|--|------------------|--------------|--|
| 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"     |  |
|                           | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  |
|                           | REINF.           | 12#16        |  | REINF.           | 4#20<br>8#16 |  | REINF.           | 4#20<br>8#16 |  | REINF.           | 12#16        |  | REINF.           | 12#16        |  | REINF.           | 12#16        |  |
|                           | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  |
| 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"     |  |
|                           | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  |
|                           | REINF.           | 6#20<br>6#16 |  | REINF.           | 12#20        |  | REINF.           | 12#20        |  | REINF.           | 8#20<br>4#16 |  | REINF.           | 8#20<br>4#16 |  | REINF.           | 8#20         |  |
|                           | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  |
| 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"     |  |
|                           | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  |
|                           | REINF.           | 12#20        |  | REINF.           | 4#25<br>8#20 |  | REINF.           | 4#25<br>8#20 |  | REINF.           | 12#20        |  | REINF.           | 12#20        |  | REINF.           | 12#20        |  |
|                           | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  |
| 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"     |  |
|                           | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  |
|                           | REINF.           | 4#25<br>8#20 |  | REINF.           | 6#25<br>8#20 |  | REINF.           | 6#25<br>8#20 |  | REINF.           | 4#25<br>8#20 |  | REINF.           | 4#25<br>8#20 |  | REINF.           | 4#25<br>8#20 |  |
|                           | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  |
| 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"     |  |
|                           | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  |
|                           | REINF.           | 6#25<br>6#20 |  | REINF.           | 8#25<br>4#20 |  | REINF.           | 8#25<br>4#20 |  | REINF.           | 6#25<br>6#20 |  | REINF.           | 6#25<br>6#20 |  | REINF.           | 6#25<br>6#20 |  |
|                           | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  |
| 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"     |  |
|                           | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  |
|                           | REINF.           | 8#25<br>4#20 |  | REINF.           | 12#25        |  | REINF.           | 12#25        |  | REINF.           | 8#25<br>4#20 |  | REINF.           | 8#25<br>4#20 |  | REINF.           | 8#25<br>4#20 |  |
|                           | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  |
| 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"    |  |
|                           | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  | MIX.             | M-25         |  |
|                           | REINF.           | 8#25<br>6#20 |  | REINF.           | 14#25        |  | REINF.           | 14#25        |  | REINF.           | 12-25        |  | REINF.           | 12-25        |  | REINF.           | 12-25        |  |
|                           | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  | RINGS AT SUPPORT | #8@4\"/>     |  |



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. +91-9351388735

ARCHITECTS

FRANK SQUARE

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

GENERAL NOTES :-

- (1). DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.
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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  $F_y = 550 \text{ N/mm}^2$  &  $415 \text{ N/mm}^2$

| 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 CHARACTERISTIC STRENGTH OF 550D N/mm<sup>2</sup>.
- 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.-A-53 & A-54,  
NARAYANPURI-A, JAIPUR

DRAWING TITLE

COLUMN SCHEDULE DETAIL [2]

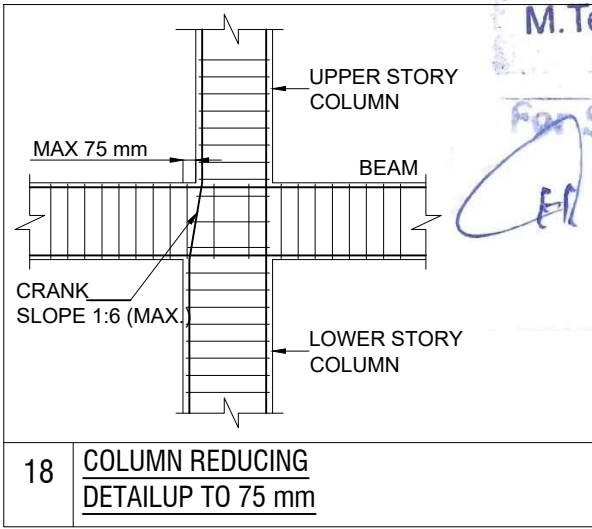
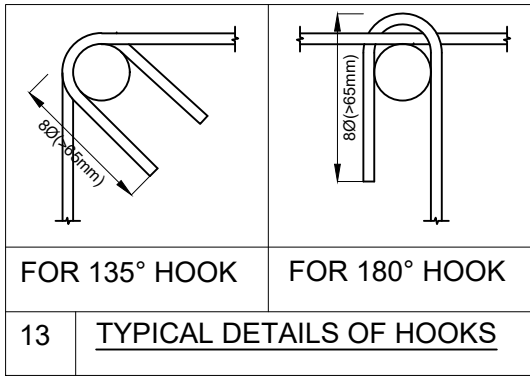
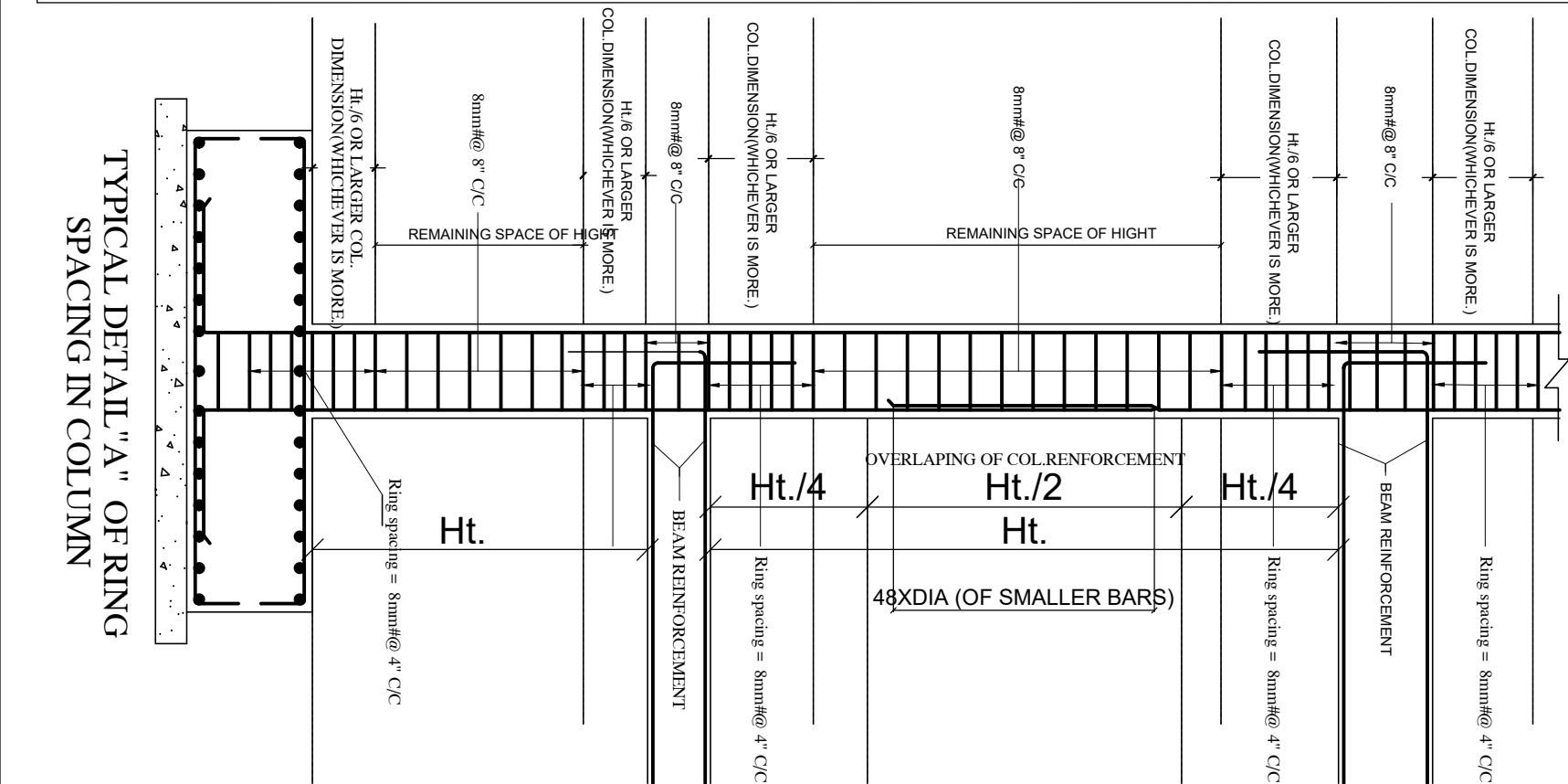
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|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 02.07.2024       |
| REMARK:     |                  |







| COLUMN                    | C19              |              |  |  | C20              |              |  |  | C21              |              |  |  | C22              |              |  |  | C23              |              |  |  | C24              |              |  |  | C25              |              |  |  |
|---------------------------|------------------|--------------|--|--|------------------|--------------|--|--|------------------|--------------|--|--|------------------|--------------|--|--|------------------|--------------|--|--|------------------|--------------|--|--|------------------|--------------|--|--|
| 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"     |  |  |
|                           | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  |
|                           | REINF.           | 4#20<br>8#16 |  |  | REINF.           | 4#20<br>8#16 |  |  | REINF.           | 4#20<br>8#16 |  |  | REINF.           | 4#20<br>8#16 |  |  | REINF.           | 4#20<br>8#16 |  |  | REINF.           | 4#20<br>8#16 |  |  | REINF.           | 4#20<br>8#16 |  |  |
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| 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"     |  |  |
|                           | 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.           | 12#20        |  |  | REINF.           | 12#20        |  |  | REINF.           | 12#20        |  |  | REINF.           | 12#20        |  |  | REINF.           | 12#20        |  |  | REINF.           | 12#20        |  |  |
|                           | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  |
| 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"     |  |  |
|                           | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  |
|                           | REINF.           | 4#25<br>8#20 |  |  | REINF.           | 4#25<br>8#20 |  |  | REINF.           | 4#25<br>8#20 |  |  | REINF.           | 4#25<br>8#20 |  |  | REINF.           | 4#25<br>8#20 |  |  | REINF.           | 4#25<br>8#20 |  |  | REINF.           | 4#25<br>8#20 |  |  |
|                           | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  |
| 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"     |  |  |
|                           | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  |
|                           | REINF.           | 6#25<br>6#20 |  |  | REINF.           | 6#25<br>6#20 |  |  | REINF.           | 6#25<br>6#20 |  |  | REINF.           | 6#25<br>6#20 |  |  | REINF.           | 4#25<br>6#20 |  |  | REINF.           | 6#25<br>6#20 |  |  | REINF.           | 6#25<br>6#20 |  |  |
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| 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"     |  |  |
|                           | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  |
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|                           | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  |
| 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"     |  |  |
|                           | 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.           | 12#25        |  |  | REINF.           | 12#25        |  |  | REINF.           | 12#25        |  |  | REINF.           | 8#25<br>4#20 |  |  | REINF.           | 12#25        |  |  | REINF.           | 12#25        |  |  |
|                           | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  | RINGS AT SUPPORT | #8@4\"/>     |  |  |
| 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"    |  |  |
|                           | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  | MIX.             | M-25         |  |  |
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GRADE OF CONCRETE M-25  
GRADE OF STEEL FE - 550D

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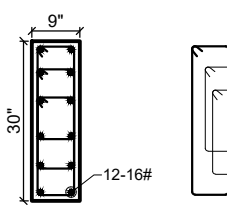
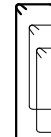
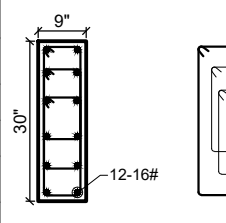
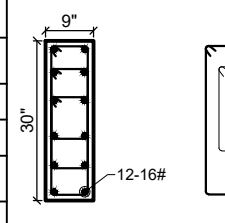
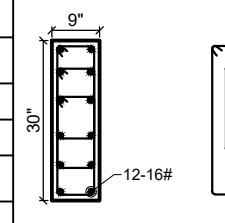
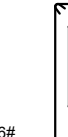
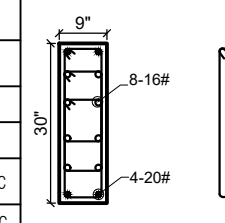
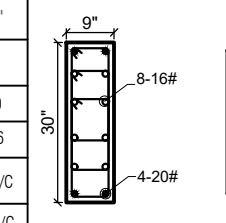
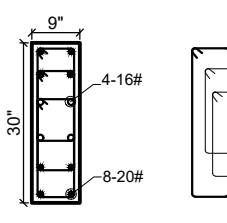
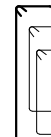
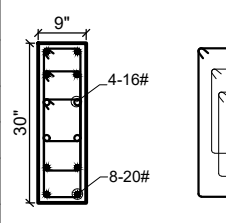
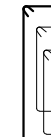
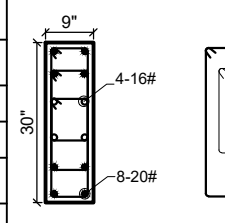
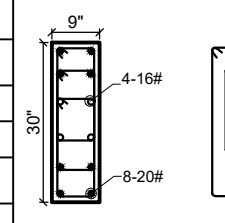
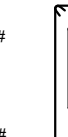
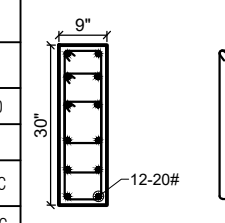
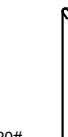
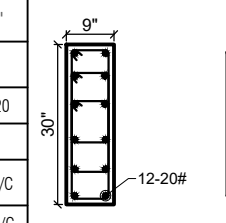
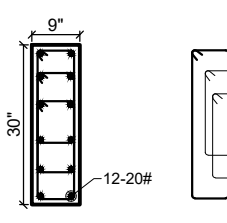
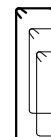
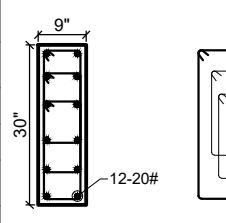
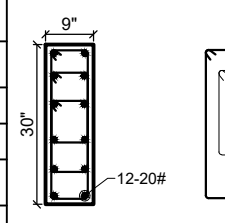
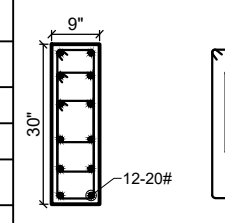
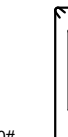
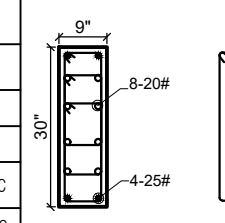
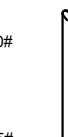
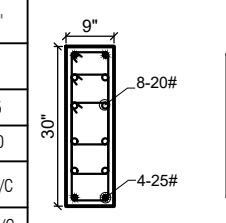
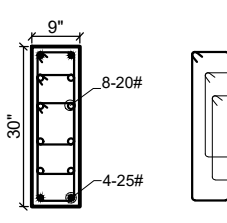
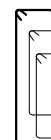
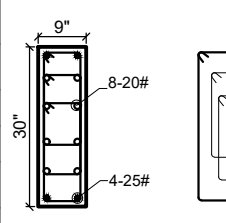
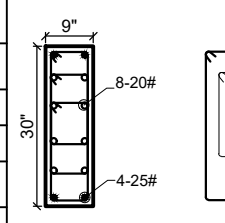
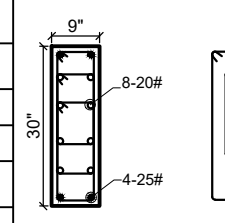
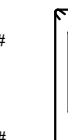
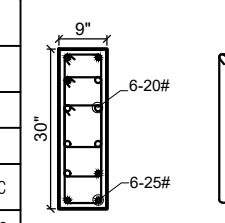
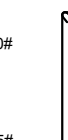
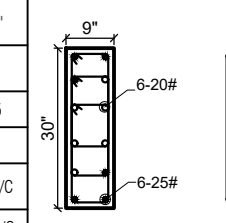
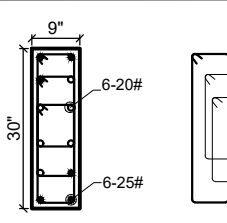
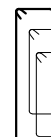
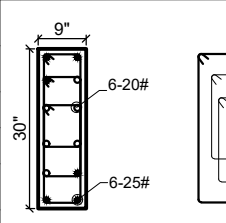
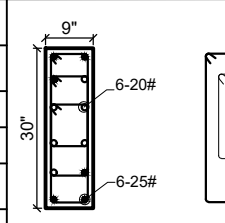
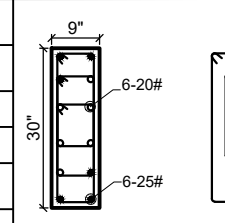
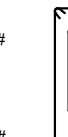
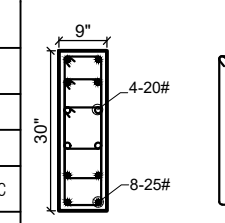
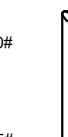
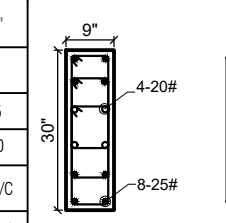
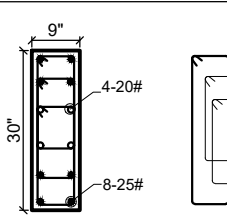
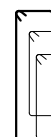
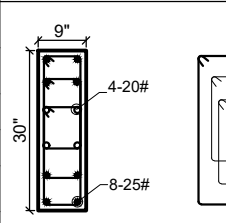
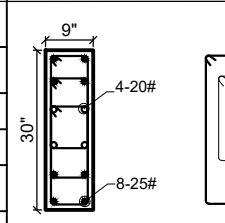
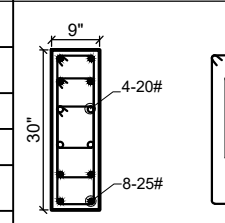
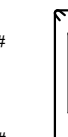
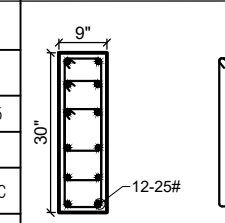
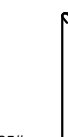
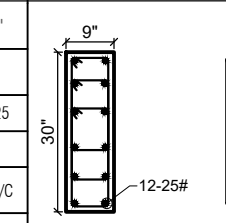
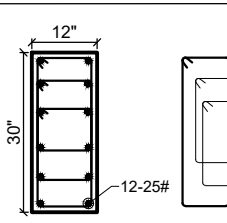
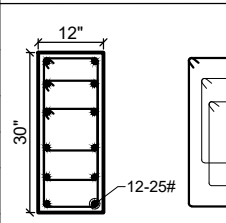
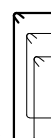
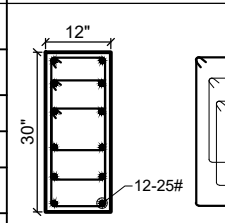
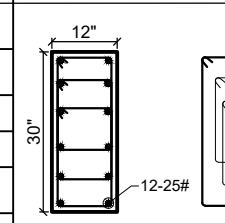
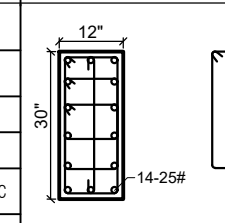
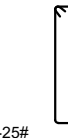
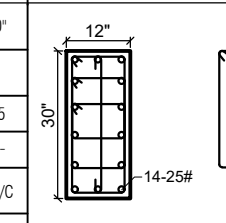
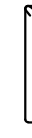
\* WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS 36 TO 48 HOURS  
\* SLABS (PROPS LEFT UNDER) 3 DAYS  
\* BEAM SOFFITS (PROPS LEFT UNDER) 7 DAYS  
\* REMOVAL OF PROPS UNDER SLABS  
-SPANNING UP TO 4500 7 DAYS  
-SPANNING OVER 4500 14 DAYS  
\* REMOVAL OF PROPS UNDER BEAMS  
-SPANNING UP TO 6000 14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

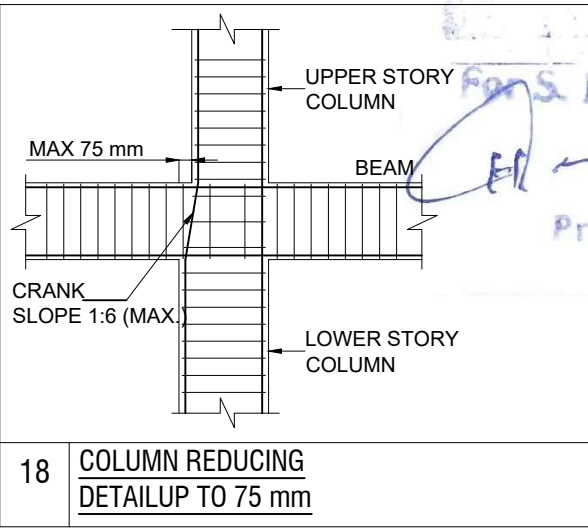
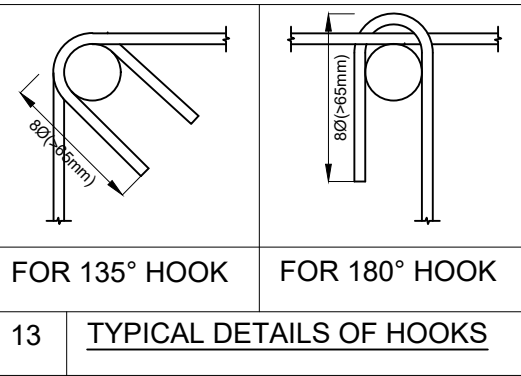
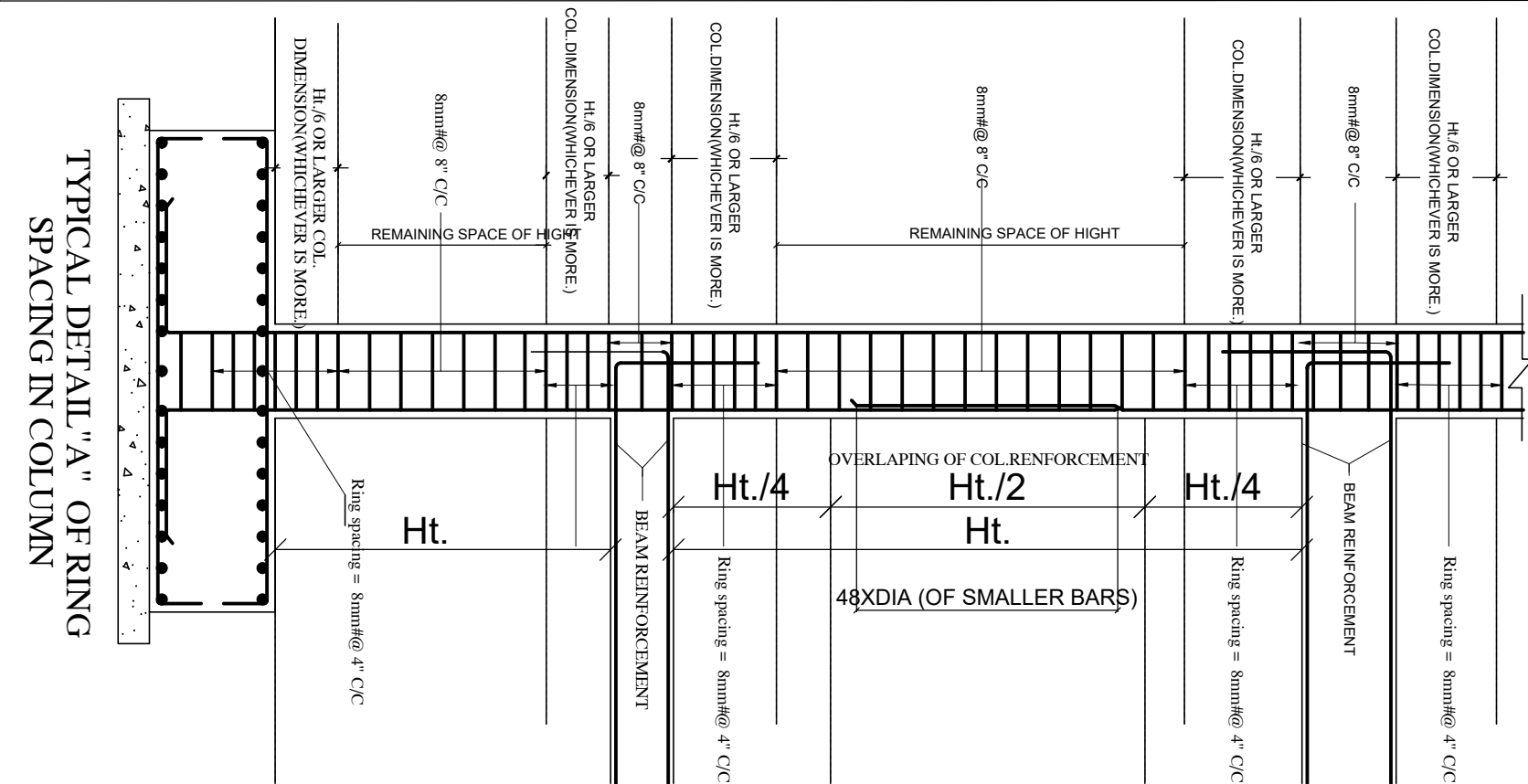
CONCRETE :-

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 Fy = 550 N/mm<sup>2</sup> & 415 N/mm<sup>2</sup>

| 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     |



| COLUMN                          | C26               |           |                                                                                     |                                                                                     | C27               |           |                                                                                     |                                                                                     | C28               |           |                                                                                      |                                                                                       | C29               |           |                                                                                       |                                                                                       | C30               |           |                                                                                       |                                                                                       | C31               |           |                                                                                       |                                                                                       |                   |          |                   |          |  |
|---------------------------------|-------------------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|-----------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|----------|-------------------|----------|--|
| FIFTH ROOF<br>TO<br>MUMTY ROOF  |                   |           |                                                                                     |                                                                                     |                   |           |                                                                                     |                                                                                     |                   |           |                                                                                      |                                                                                       |                   |           |                                                                                       |                                                                                       |                   |           |                                                                                       |                                                                                       |                   |           |                                                                                       |                                                                                       |                   |          |                   |          |  |
| FOURTH ROOF<br>TO<br>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"  |    |    |                   |          |                   |          |  |
|                                 | 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.            | 12#16     |                                                                                     |                                                                                     | REINF.            | 12#16     |                                                                                      |                                                                                       | REINF.            | 12#16     |                                                                                       |                                                                                       | REINF.            | 12#16     |                                                                                       |                                                                                       | REINF.            | 4#20      |                                                                                       |                                                                                       | REINF.            | 4#20     | REINF.            | 4#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 |  |
| THIRD ROOF<br>TO<br>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"  |    |    |                   |          |                   |          |  |
|                                 | MIX.              | M-25      |                                                                                     |                                                                                     | MIX.              | M-25      |                                                                                     |                                                                                     | MIX.              | M-25      |                                                                                      |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25     |                   |          |  |
|                                 | REINF.            | 8#20      |                                                                                     |                                                                                     | REINF.            | 8#20      |                                                                                     |                                                                                     | REINF.            | 8#20      |                                                                                      |                                                                                       | REINF.            | 8#20      |                                                                                       |                                                                                       | REINF.            | 12#20     |                                                                                       |                                                                                       | REINF.            | 12#20     |                                                                                       |                                                                                       | 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 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<br>TO<br>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"  |    |    |                   |          |                   |          |  |
|                                 | 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.            | 12#20     |                                                                                     |                                                                                     | REINF.            | 12#20     |                                                                                      |                                                                                       | REINF.            | 12#20     |                                                                                       |                                                                                       | REINF.            | 4#25      |                                                                                       |                                                                                       | REINF.            | 4#25      |                                                                                       |                                                                                       | REINF.            | 4#25     |                   |          |  |
|                                 | 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 |                   |          |  |
| FIRST ROOF<br>TO<br>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"  |    |    |                   |          |                   |          |  |
|                                 | MIX.              | M-25      |                                                                                     |                                                                                     | MIX.              | M-25      |                                                                                     |                                                                                     | MIX.              | M-25      |                                                                                      |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25     |                   |          |  |
|                                 | REINF.            | 4#25      |                                                                                     |                                                                                     | REINF.            | 4#25      |                                                                                     |                                                                                     | REINF.            | 4#25      |                                                                                      |                                                                                       | REINF.            | 4#25      |                                                                                       |                                                                                       | REINF.            | 6#20      |                                                                                       |                                                                                       | REINF.            | 6#20      |                                                                                       |                                                                                       | REINF.            | 6#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 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<br>TO<br>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"  |   |   |                   |          |                   |          |  |
|                                 | MIX.              | M-25      |                                                                                     |                                                                                     | MIX.              | M-25      |                                                                                     |                                                                                     | MIX.              | M-25      |                                                                                      |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25     |                   |          |  |
|                                 | REINF.            | 6#25      |                                                                                     |                                                                                     | REINF.            | 6#25      |                                                                                     |                                                                                     | REINF.            | 6#20      |                                                                                      |                                                                                       | REINF.            | 6#20      |                                                                                       |                                                                                       | REINF.            | 8#25      |                                                                                       |                                                                                       | REINF.            | 8#25      |                                                                                       |                                                                                       | REINF.            | 4#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 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<br>TO<br>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"  |  |  |                   |          |                   |          |  |
|                                 | MIX.              | M-25      |                                                                                     |                                                                                     | MIX.              | M-25      |                                                                                     |                                                                                     | MIX.              | M-25      |                                                                                      |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25      |                                                                                       |                                                                                       | MIX.              | M-25     |                   |          |  |
|                                 | REINF.            | 8#25      |                                                                                     |                                                                                     | REINF.            | 8#25      |                                                                                     |                                                                                     | REINF.            | 4#20      |                                                                                      |                                                                                       | REINF.            | 4#20      |                                                                                       |                                                                                       | REINF.            | 8#25      |                                                                                       |                                                                                       | REINF.            | 8#25      |                                                                                       |                                                                                       | REINF.            | 12#25    |                   |          |  |
|                                 | 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 |                   |          |  |
| FOUNDATION<br>TO<br>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" |  |  |                   |          |                   |          |  |
|                                 | 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.            | 12-25     |                                                                                     |                                                                                     | REINF.            | 12-25     |                                                                                      |                                                                                       | REINF.            | 12-25     |                                                                                       |                                                                                       | REINF.            | 14#25     |                                                                                       |                                                                                       | REINF.            | 14-25#    |                                                                                       |                                                                                       | REINF.            | 14-25#   |                   |          |  |
|                                 | 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 |                   |          |  |



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

For S.K. CREATIONS  
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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FRANK SQUARE  
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C-49 VIDYA APARTMENT PARAS MARG,  
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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  $F_y = 550 \text{ N/mm}^2$  &  $415 \text{ N/mm}^2$

| 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 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. |
|-----|------|-----------|------|
|     |      |           |      |

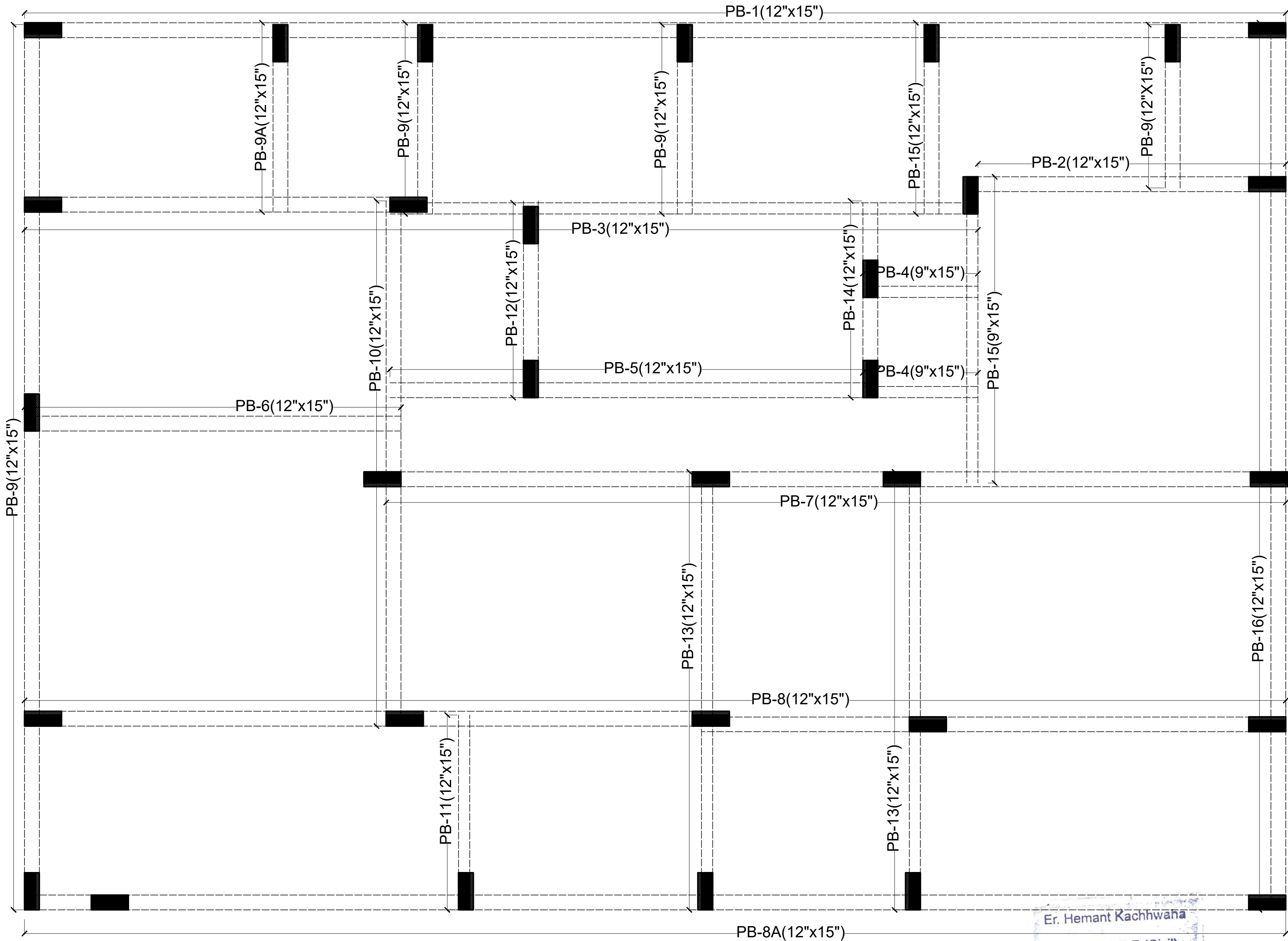
PROJECT  
PROPOSED BUILDING AT  
PLOT NO.-A-53 & A-54,  
NARAYANPURI-A, JAIPUR

DRAWING TITLE

COLUMN SCHEDULE DETAIL [5]

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 02.07.2024       |
| REMARK:     |                  |





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

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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  $F_y = 550 \text{ N/mm}^2$  &  $415 \text{ N/mm}^2$

| 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.-A-53 & A-54,  
NARAYANPURI-A, JAIPUR

DRAWING TITLE

PLINTH BEAM SHUTTERING LAYOUT  
PLAN

|             |                     |
|-------------|---------------------|
| DRAWN BY:   | DEEPAK              |
| CHECKED BY: | HEMANT<br>KACHHWAHA |
| DATE:       | 27.07.2024          |
| REMARK:     |                     |

S.K. CREATIONS

MO. +91-9351388735


**FRANK SQUARE**

**GENERAL NOTES :-**

- EXCAVATION CHECK :-**

- ### CONSTRUCTION PRACTICE :-

- CONCRETE :-**

- | 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     |

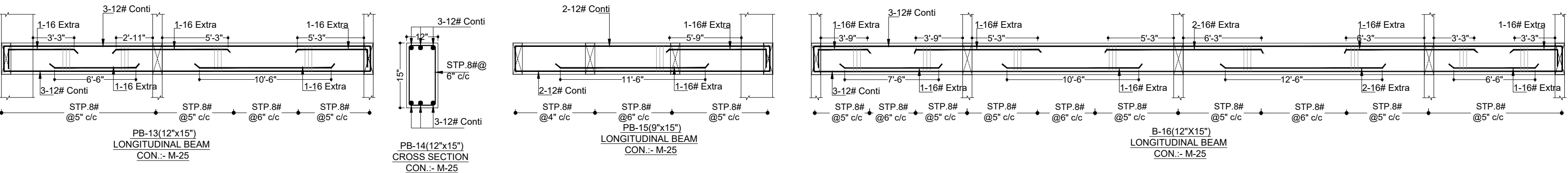
|              |                     |
|--------------|---------------------|
| * FOUNDATION | 50 mm. ALL AROUND   |
| * COLUMNS    | 40 mm. ALL AROUND   |
| * BEAMS      | 30 mm. ALL AROUND   |
| * SLABS      | 20 mm. TOP & BOTTOM |
| * WALLS      | 25 mm. EARTH FACE   |
| * WALLS      | 20 mm. INNER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

## REVISIONS

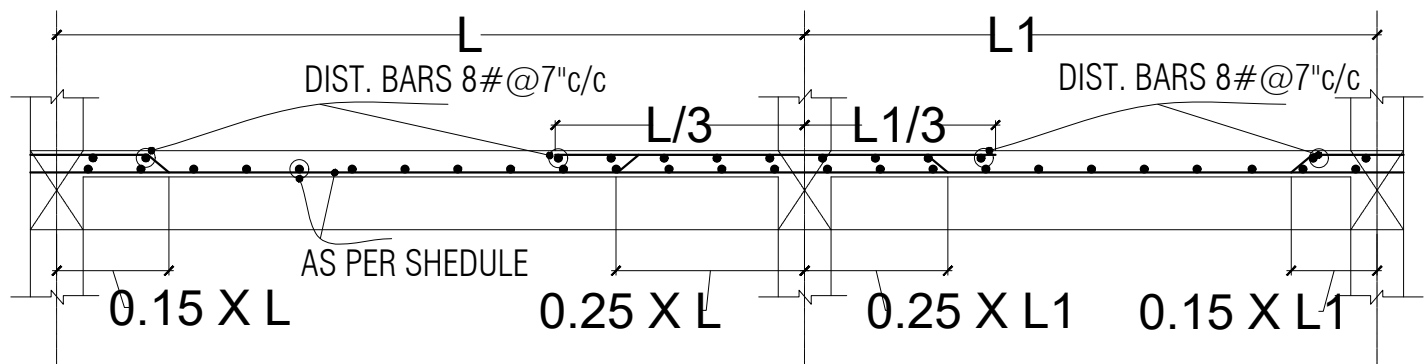
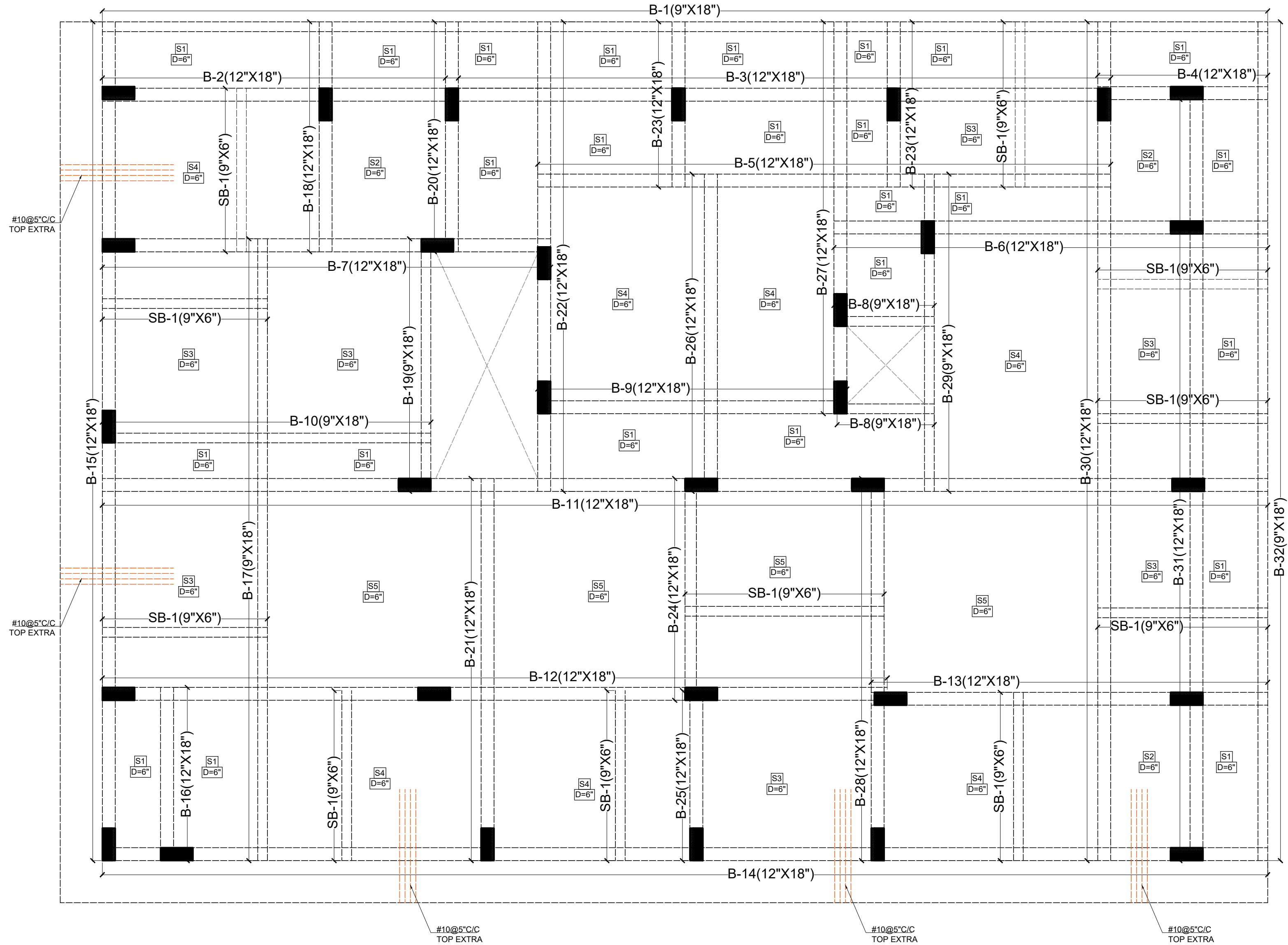
PROJECT  
PROPOSED BUILDING AT

## DRAWING TITLE

## REMARK:







TYP.BAR CURTAILMENT IN SLAB

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@4\"C/C | #10@6\"C/C | #8@7\"C/C | 0'-6" | M-25  |
| S5       | #10@4\"C/C | #10@4\"C/C | #8@7\"C/C | 0'-6" | M-25  |

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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.-A-53 & A-54,  
NARAYANPURI-A, JAIPUR

DRAWING TITLE

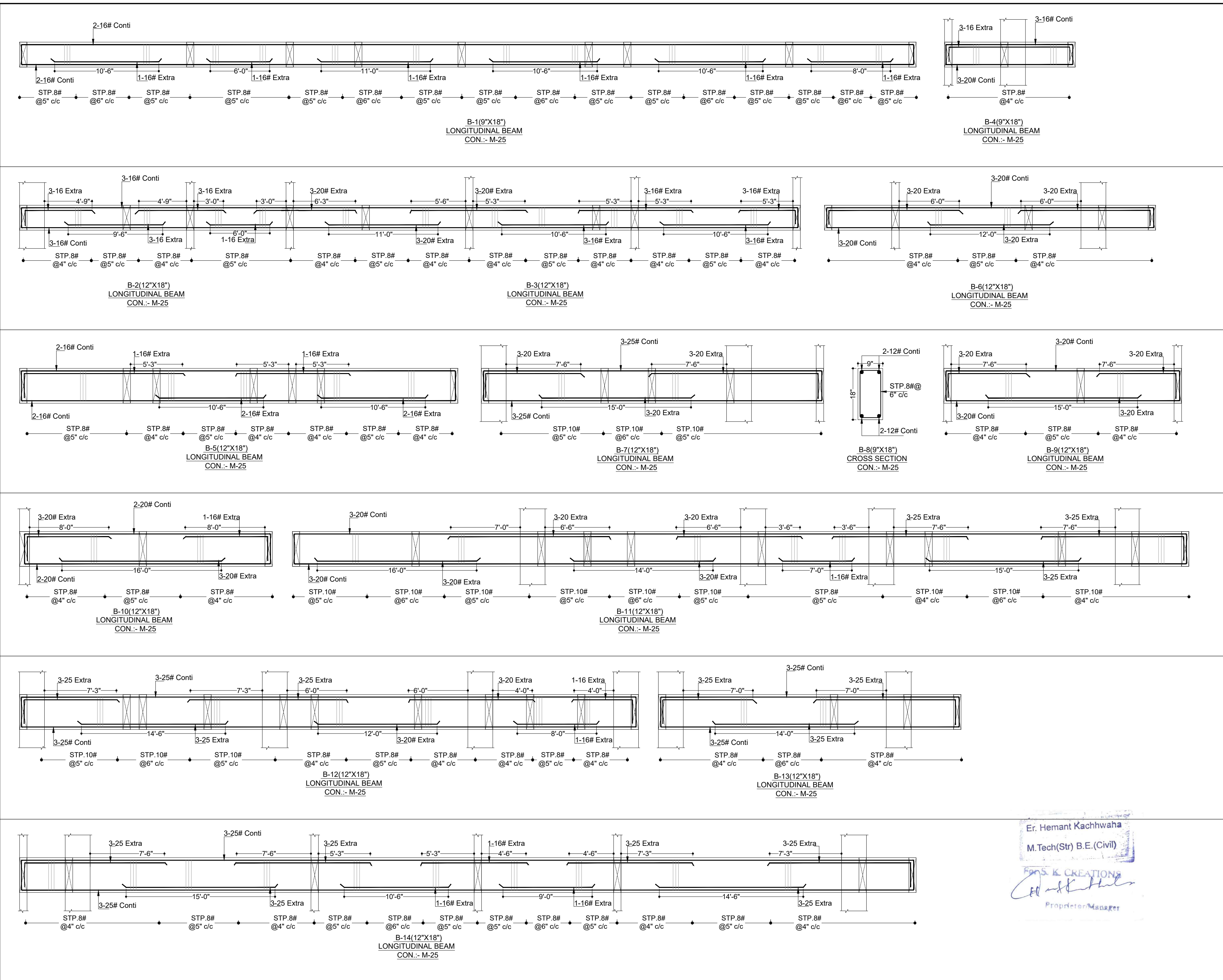
STILT SHUTTERING LAYOUT PLAN

DRAWN BY: DEEPAK

CHECKED BY: HEMANT  
KACHHWAHA

DATE: 27.07.2024

REMARK:



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

STRUCTURE CONSULTANT

S.K. CREATIONS

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| 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.-A-53 & A-54,  
NARAYANPURI-A, JAIPUR

DRAWING TITLE

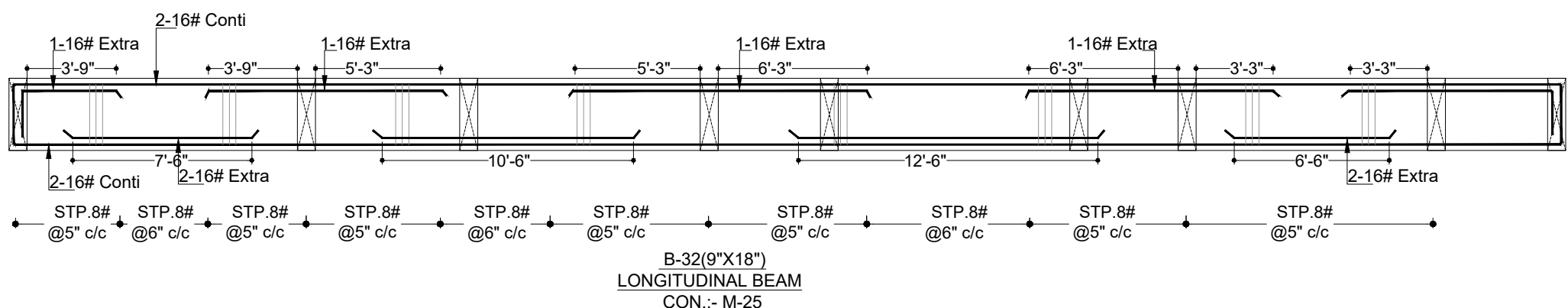
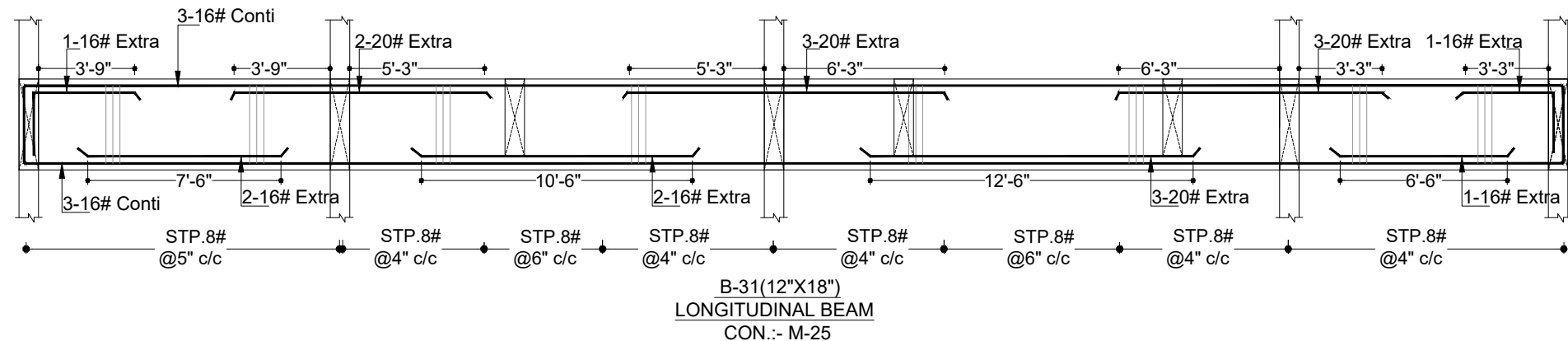
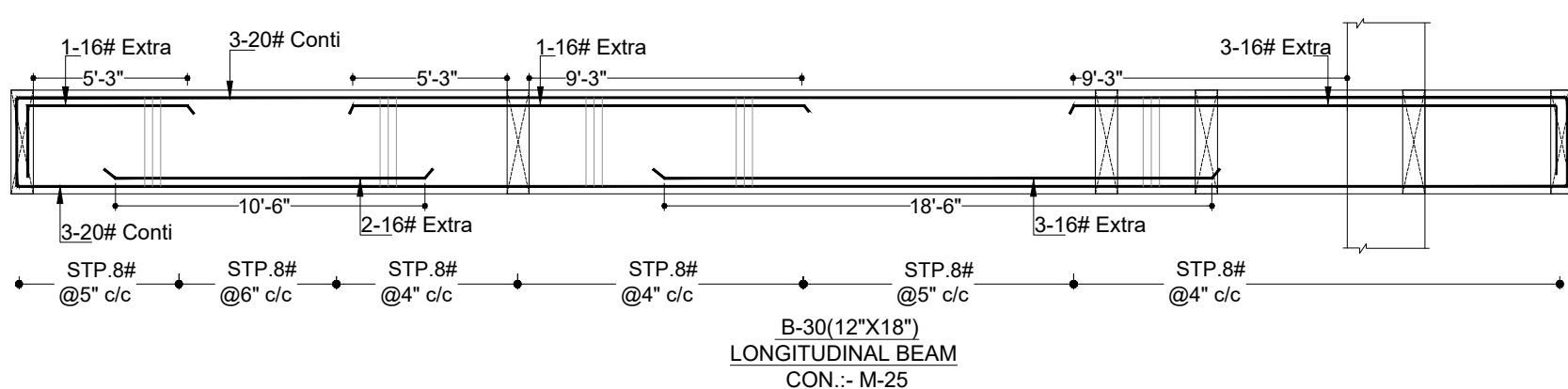
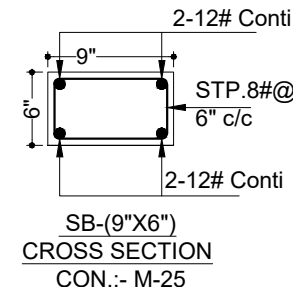
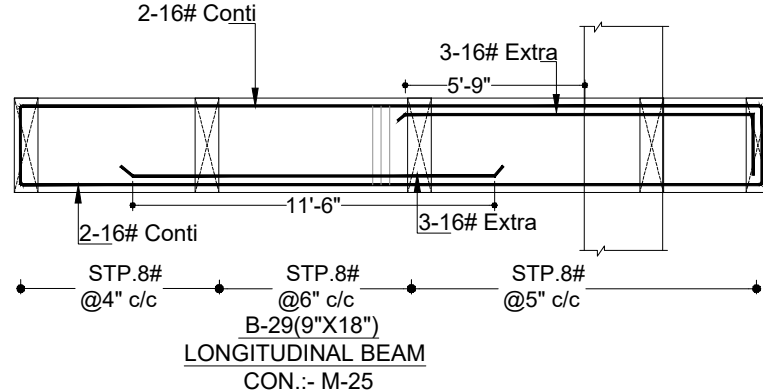
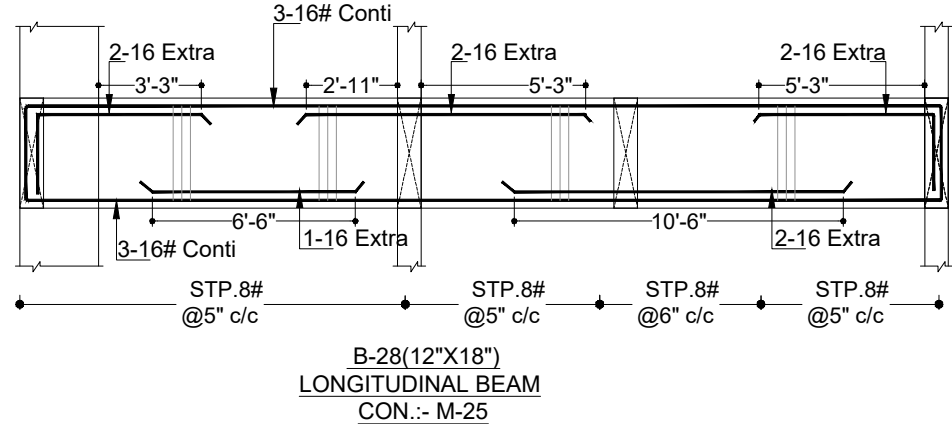
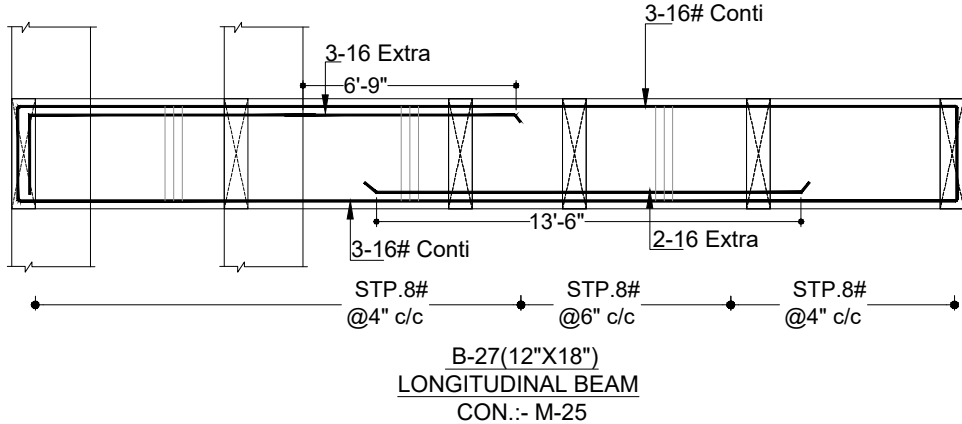
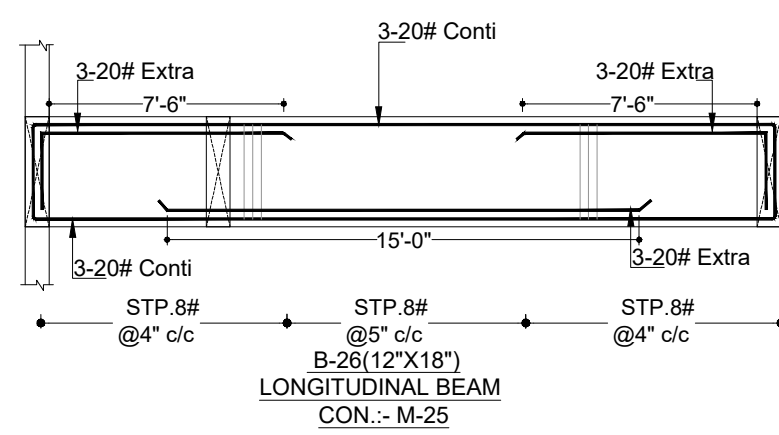
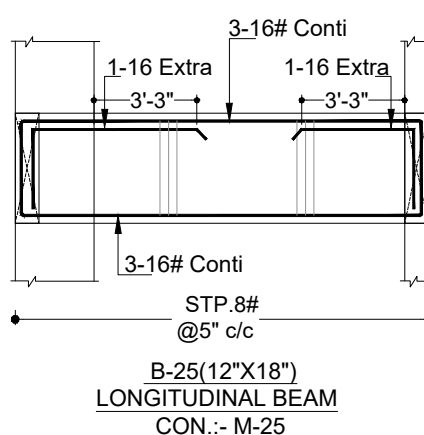
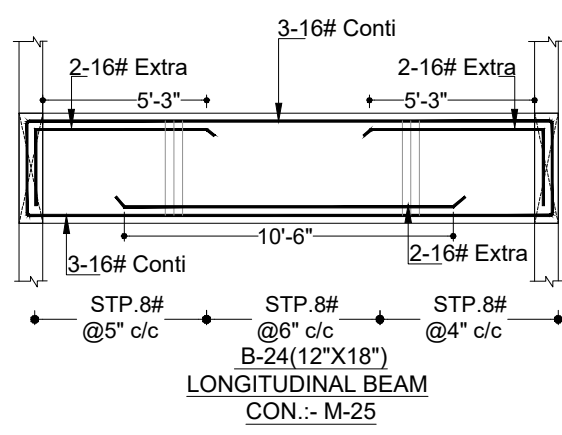
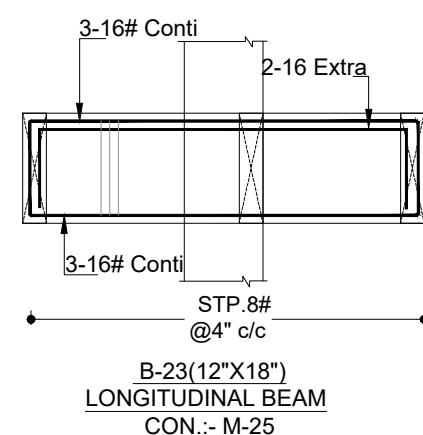
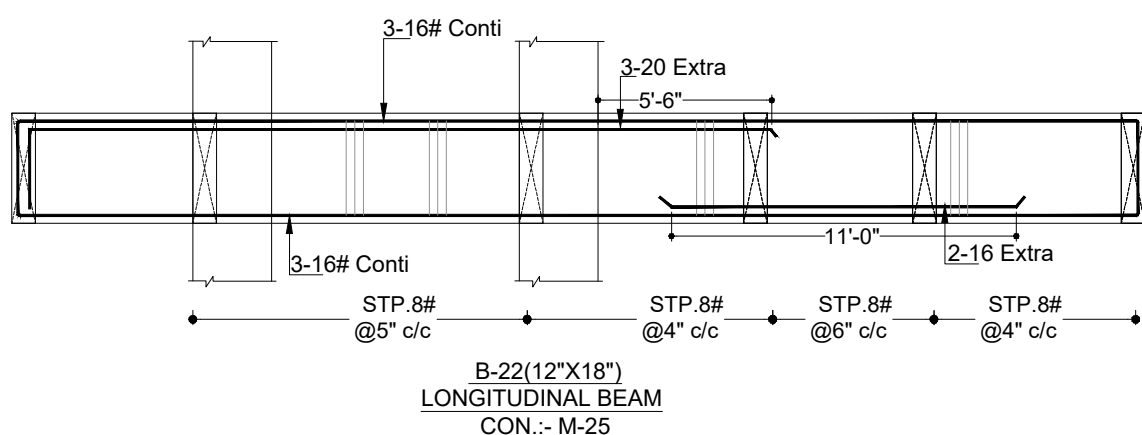
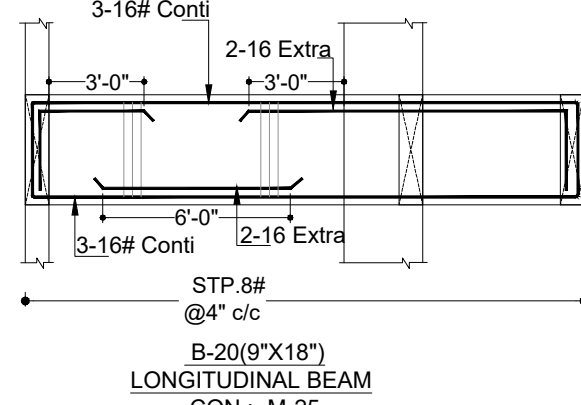
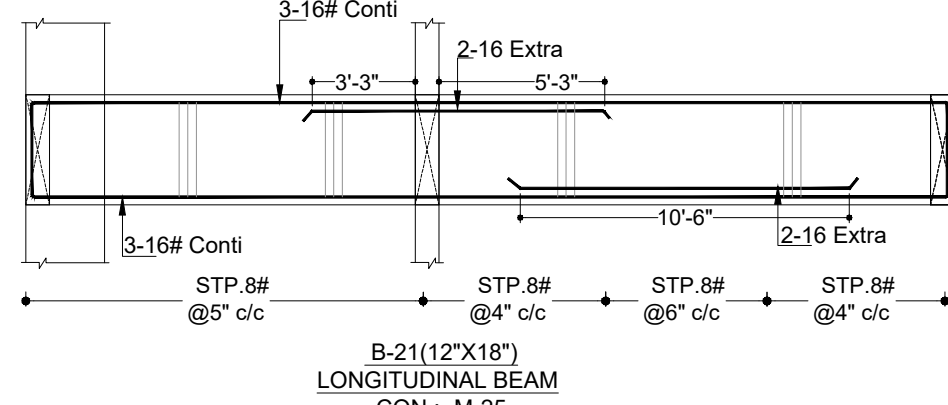
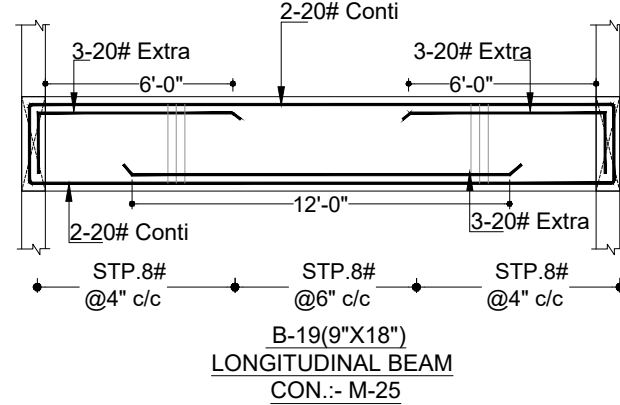
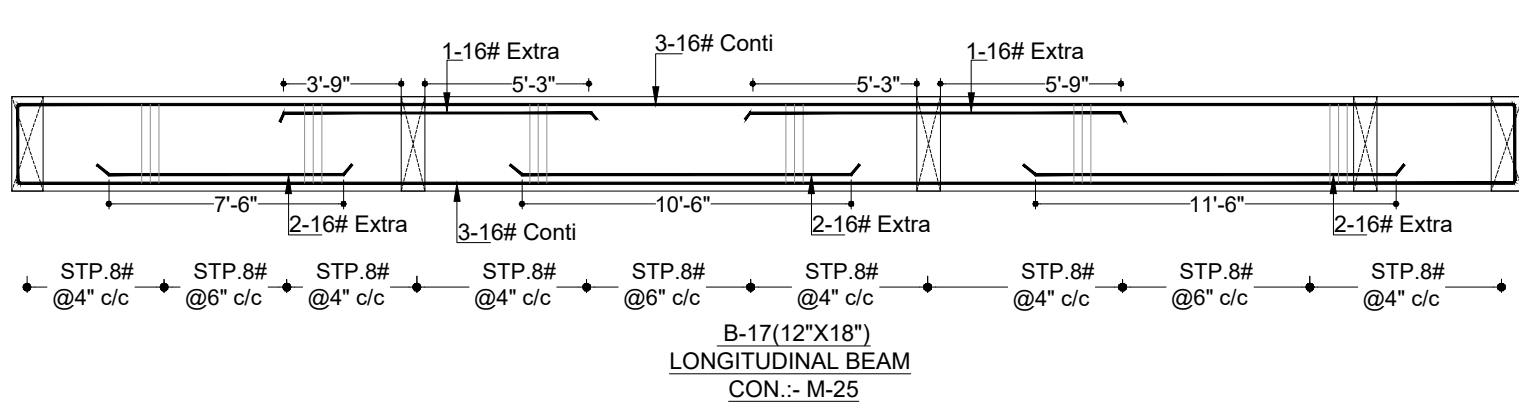
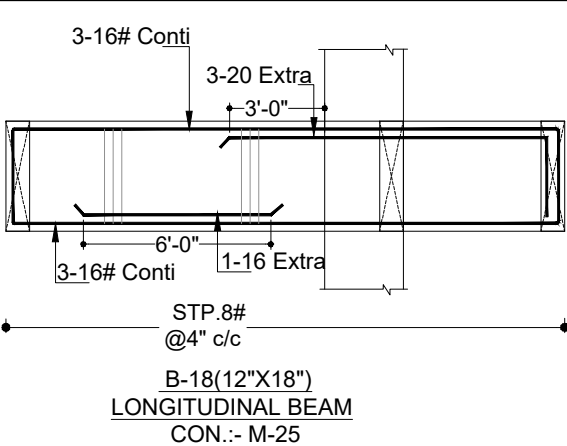
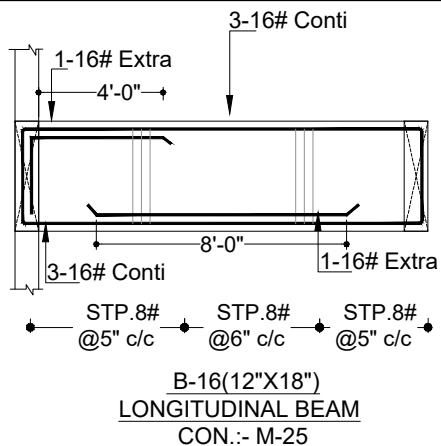
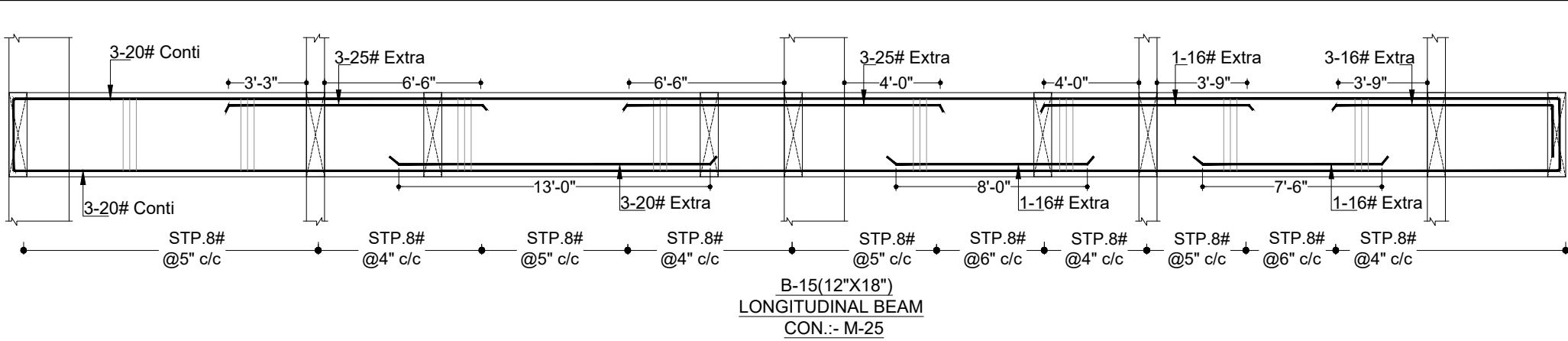
STILT FLOOR BEAM  
DETAIL(1)

|             |                     |
|-------------|---------------------|
| DRAWN BY:   | DEEPAK              |
| CHECKED BY: | HEMANT<br>KACHHWAHA |

DATE: 27.07.2024

REMARK:





Er. Hemant Kachhwaha  
M.Tech(Str) B.E.(Civil)  
S.K. CREATIONS  
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 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  $F_y = 550 \text{ N/mm}^2$  &  $415 \text{ N/mm}^2$

| 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     |
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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.-A-53 & A-54,  
NARAYANPURI-A, JAIPUR

DRAWING TITLE

STILT FLOOR BEAM  
DETAIL(1)

|             |                     |
|-------------|---------------------|
| DRAWN BY:   | DEEPAK              |
| CHECKED BY: | HEMANT<br>KACHHWAHA |

DATE: 27.07.2024

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  
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## CONSTRUCTION PRACTICE :-

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- |                                                    |                |
|----------------------------------------------------|----------------|
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| * 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.
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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     |

## REINFORCING STEEL :-

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- R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm<sup>2</sup>.
- 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 :-

- (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.-A-53 & A-54,  
NARAYANPURI-A, JAIPUR

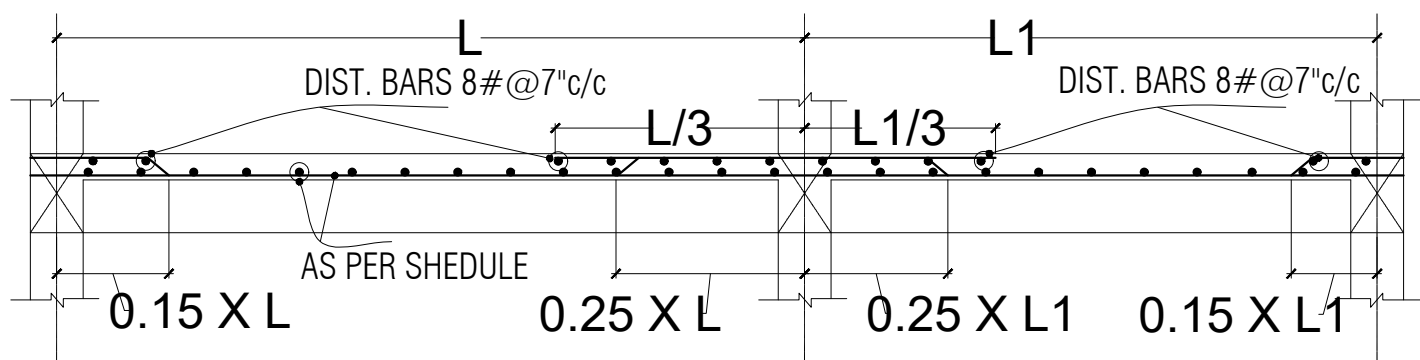
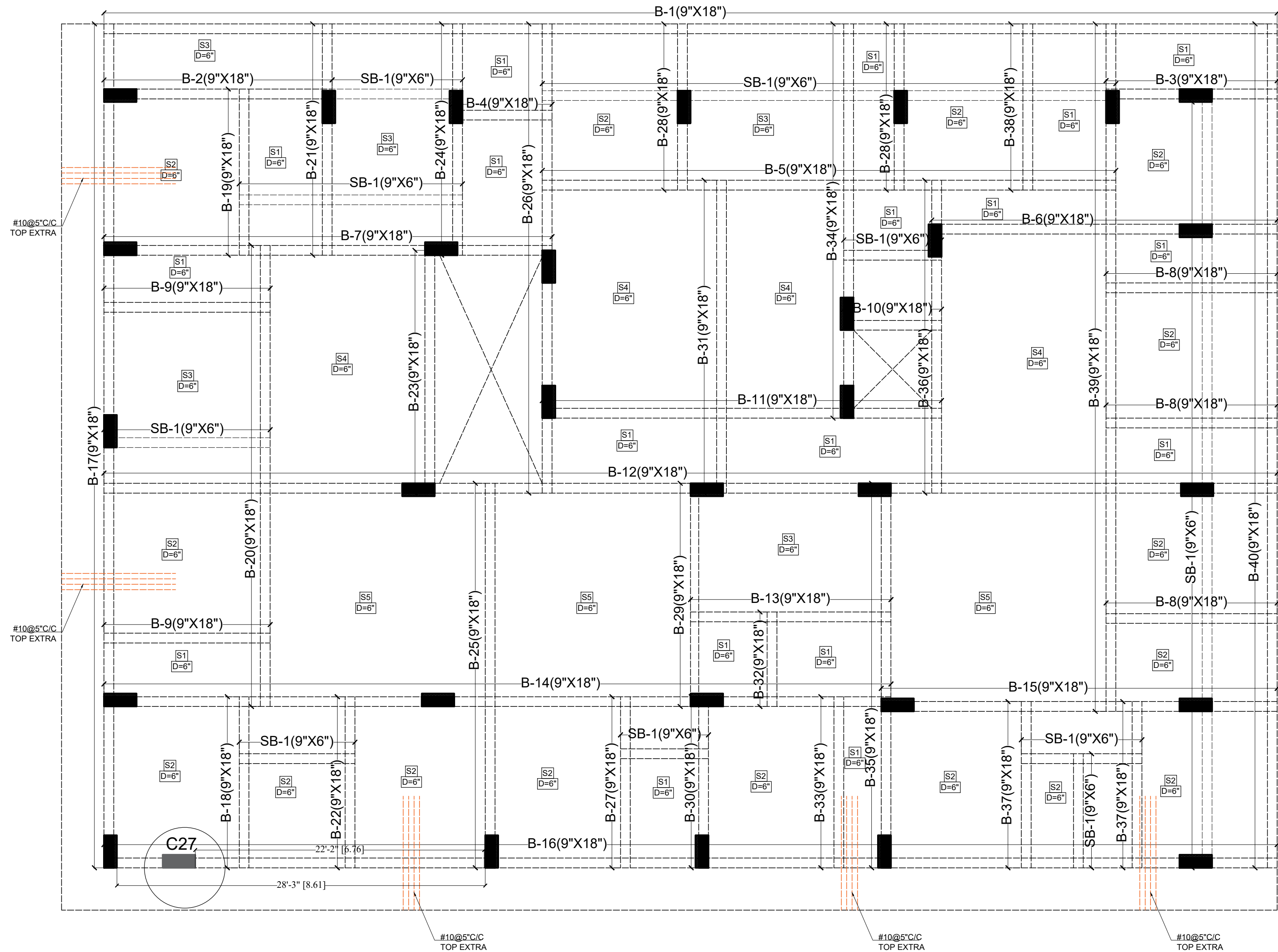
## DRAWING TITLE

TYPICAL FLOOR BEAM  
DETAIL(1)

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |

DATE: 27.07.2024

REMARK:

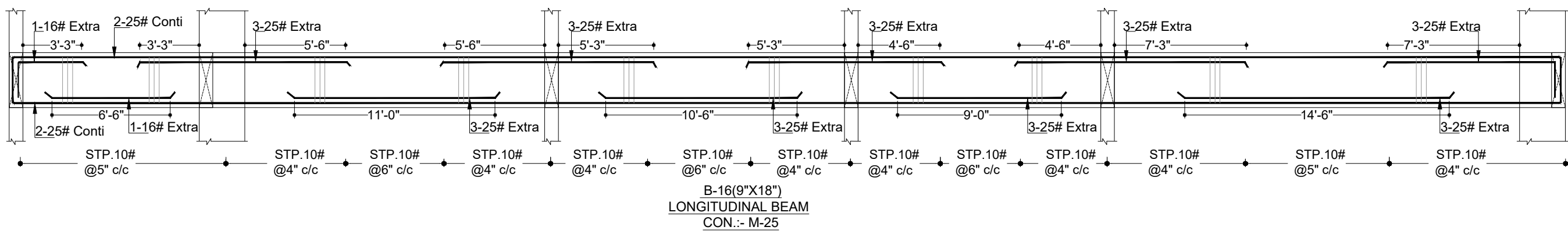
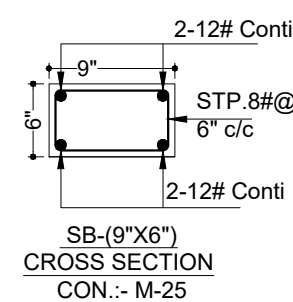
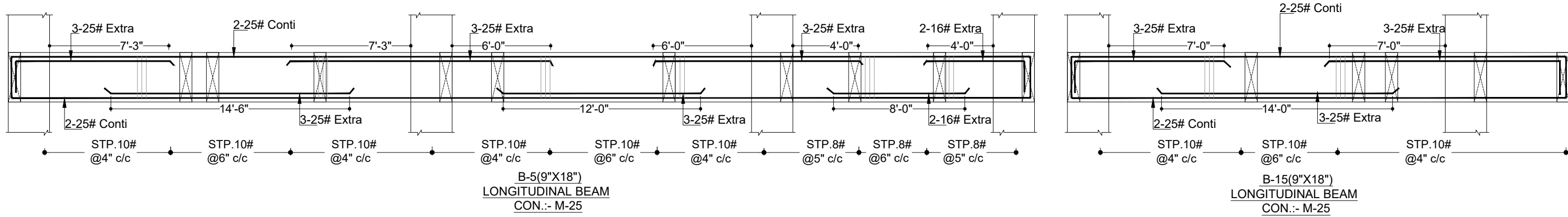
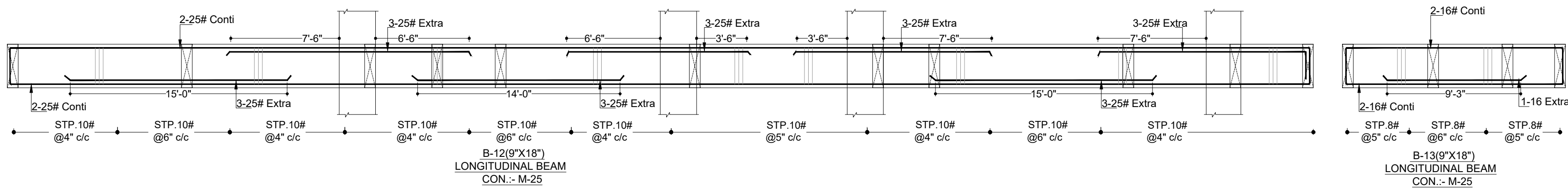
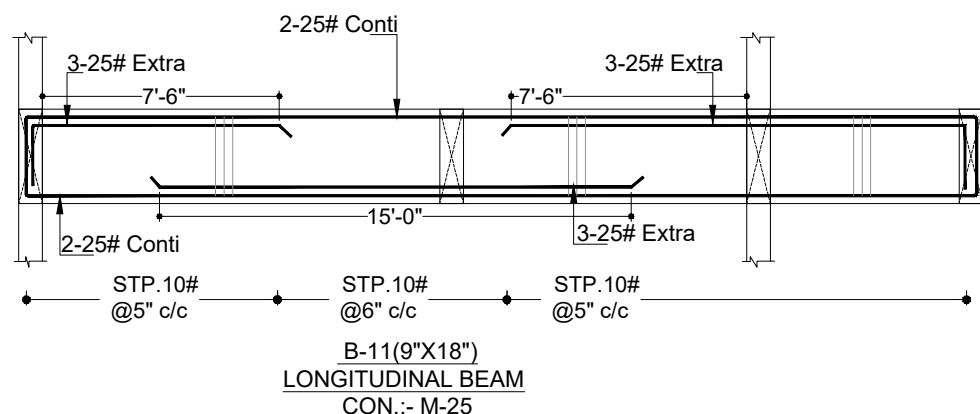
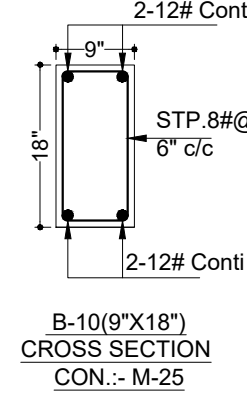
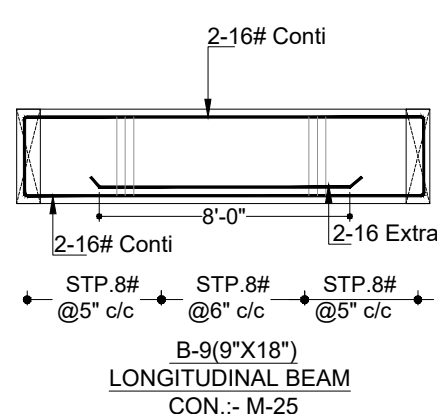
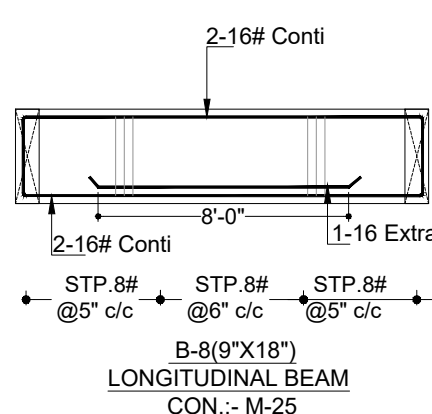
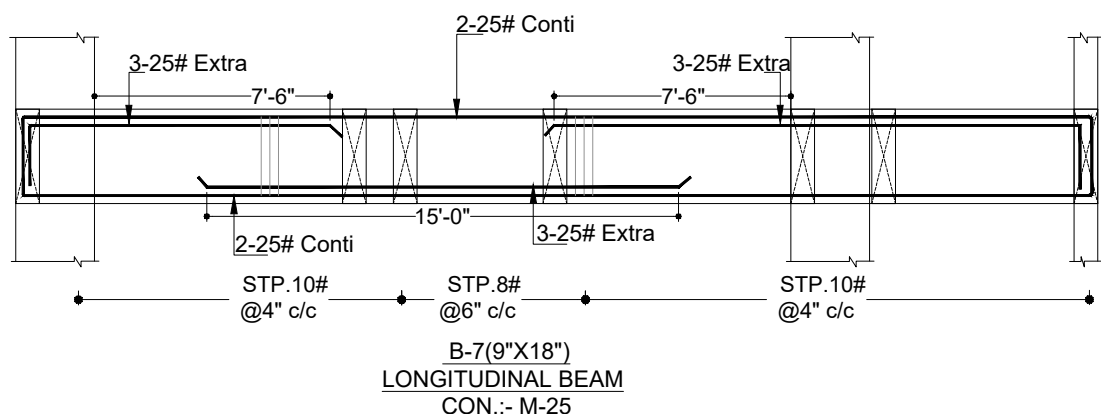
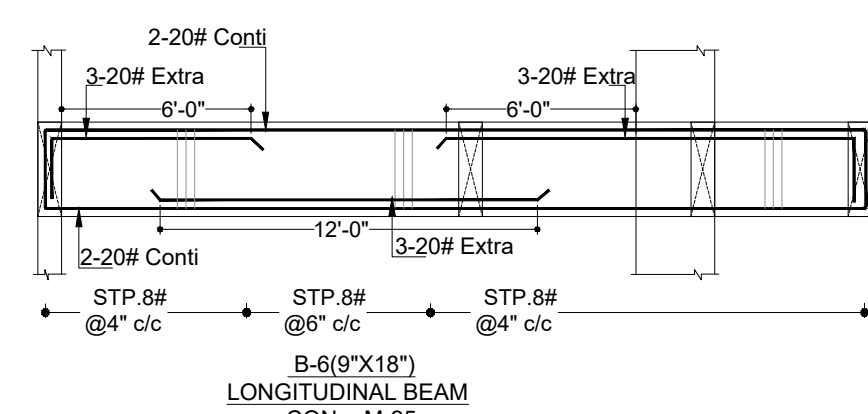
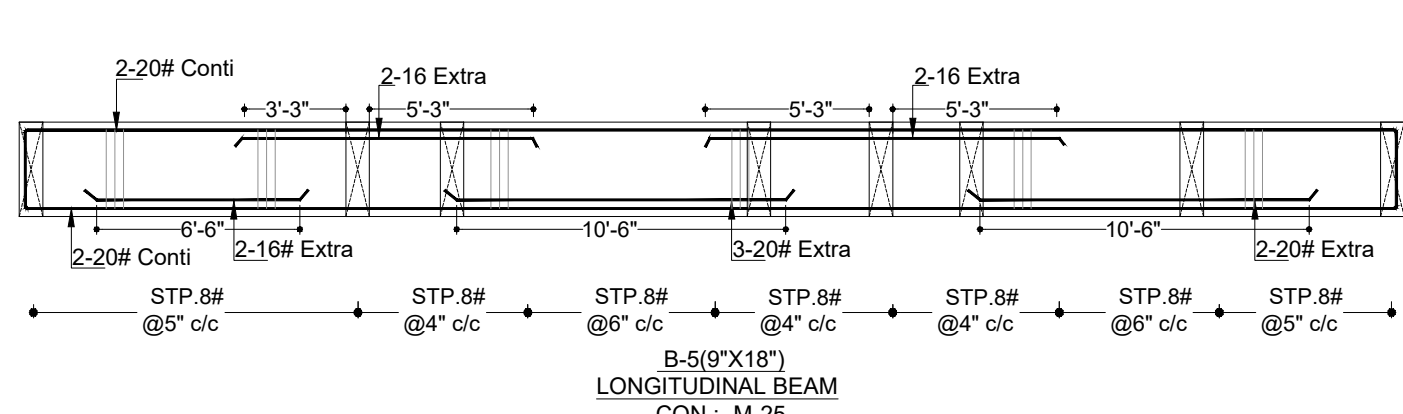
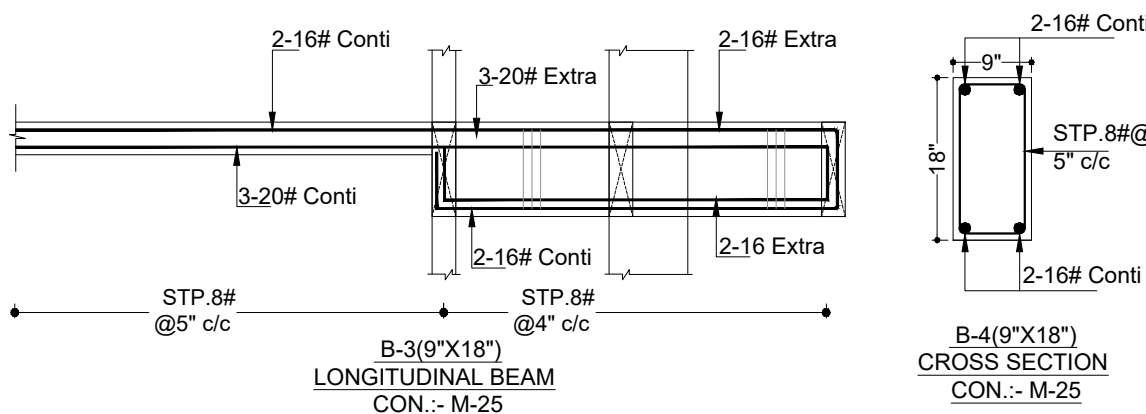
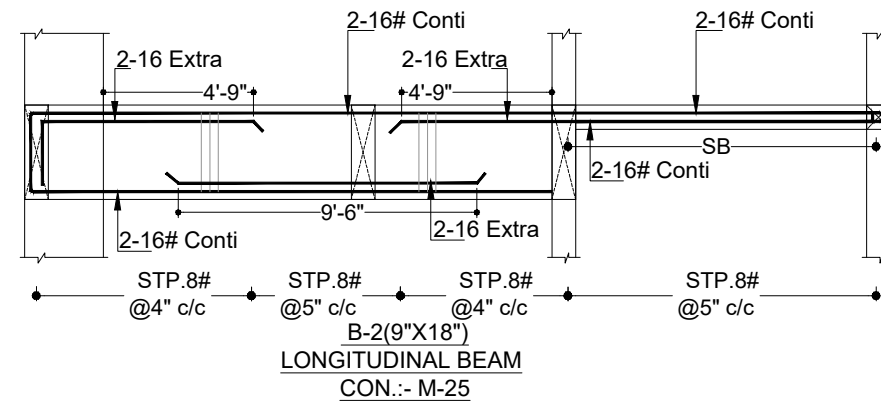
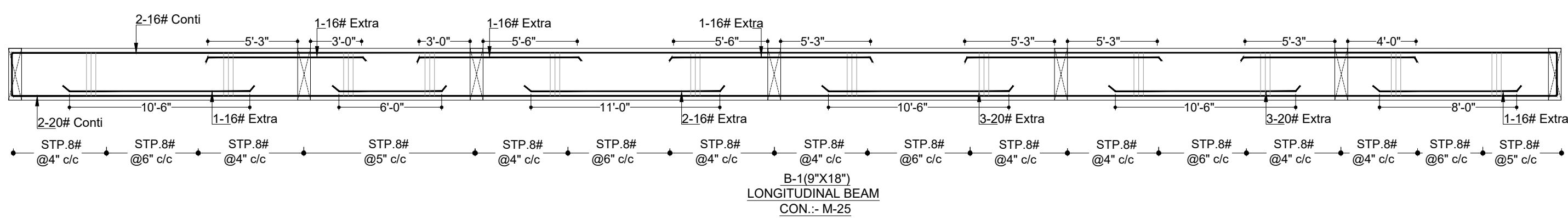


TYP.BAR CURTAILMENT IN SLAB

## 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@4"C/C  | #10@6"C/C | #8@7"C/C  | 0'-6" | M-25  |
| S5       | #10@4"C/C  | #10@4"C/C | #8@7"C/C  | 0'-6" | M-25  |





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

STRUCTURE CONSULTANT

S.K. CREATIONS

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(RAJASTHAN) 302018  
Email -skcreations.hk@gmail.com  
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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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CONCRETE :-

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| CONC. GRADE | Ldt-550 | Ldc-550 | Ldt-415 | Ldc-415 |
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| M-20        | 57Ø     | 46Ø     | 47Ø     | 38Ø     |
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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 :-

- (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.-A-53 & A-54,  
NARAYANPURI-A, JAIPUR

DRAWING TITLE

TYPICAL FLOOR BEAM

DETAIL(1)

|             |                     |
|-------------|---------------------|
| DRAWN BY:   | DEEPAK              |
| CHECKED BY: | HEMANT<br>KACHHWAHA |

DATE: 27.07.2024

REMARK:



## 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  $F_y = 550 \text{ N/mm}^2$  &  $415 \text{ N/mm}^2$

| 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/mm<sup>2</sup>.

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.-A-53 & A-54,

NARAYANPURI-A, JAIPUR

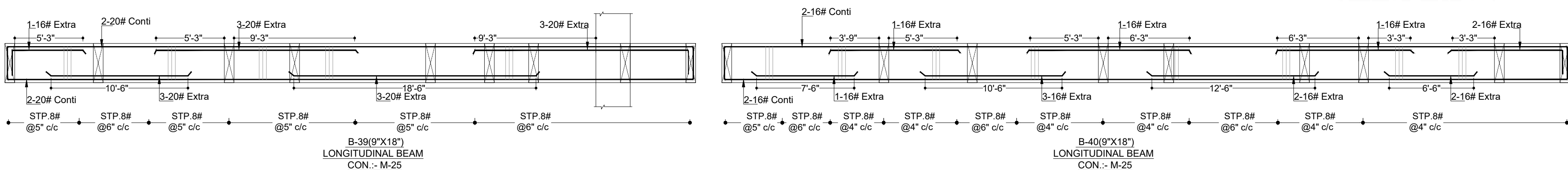
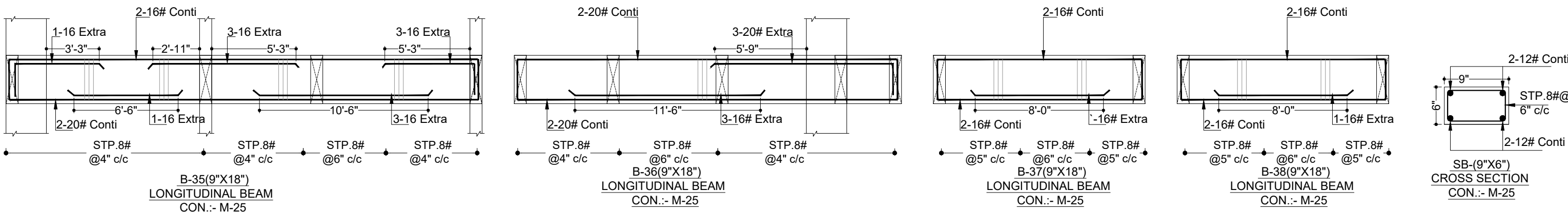
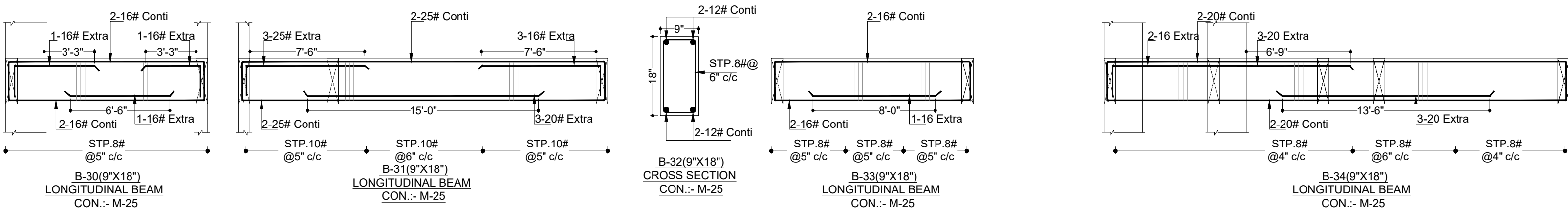
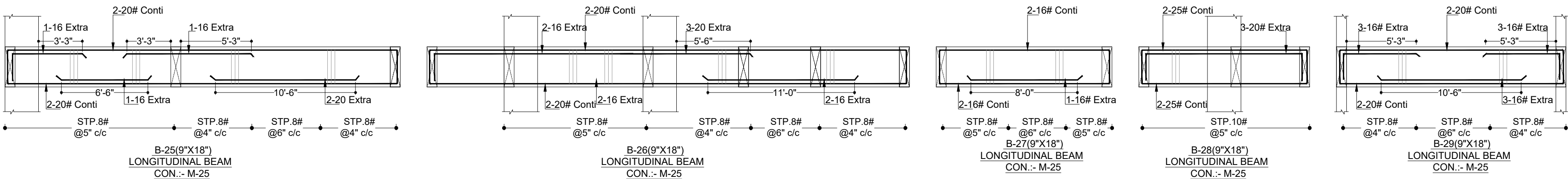
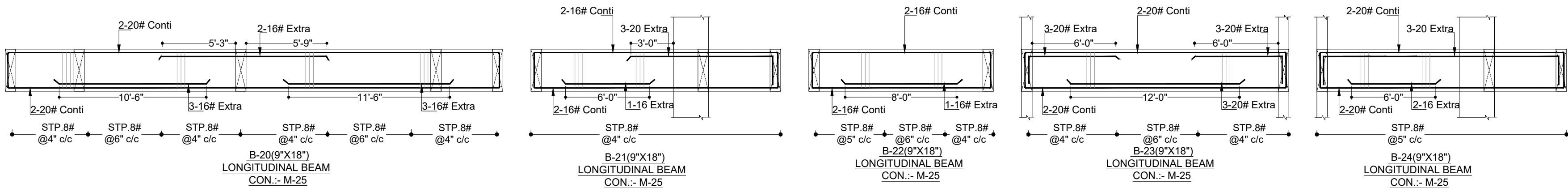
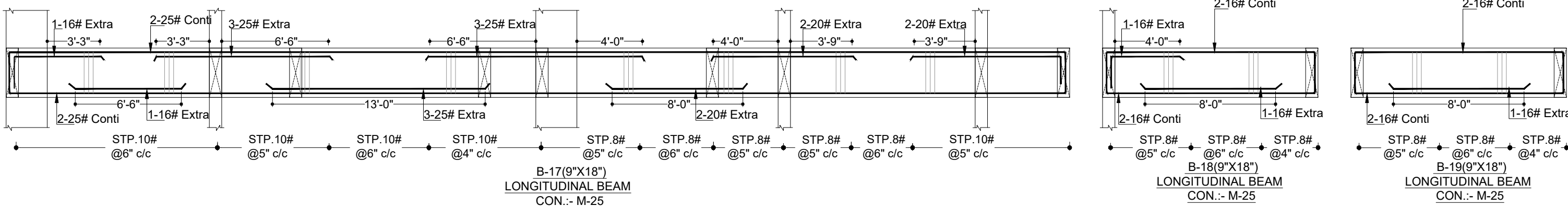
## DRAWING TITLE

TYPICAL FLOOR BEAM  
DETAIL(2)

|             |                     |
|-------------|---------------------|
| DRAWN BY:   | DEEPAK              |
| CHECKED BY: | HEMANT<br>KACHHWAHA |

DATE: 27.07.2024

REMARK:



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