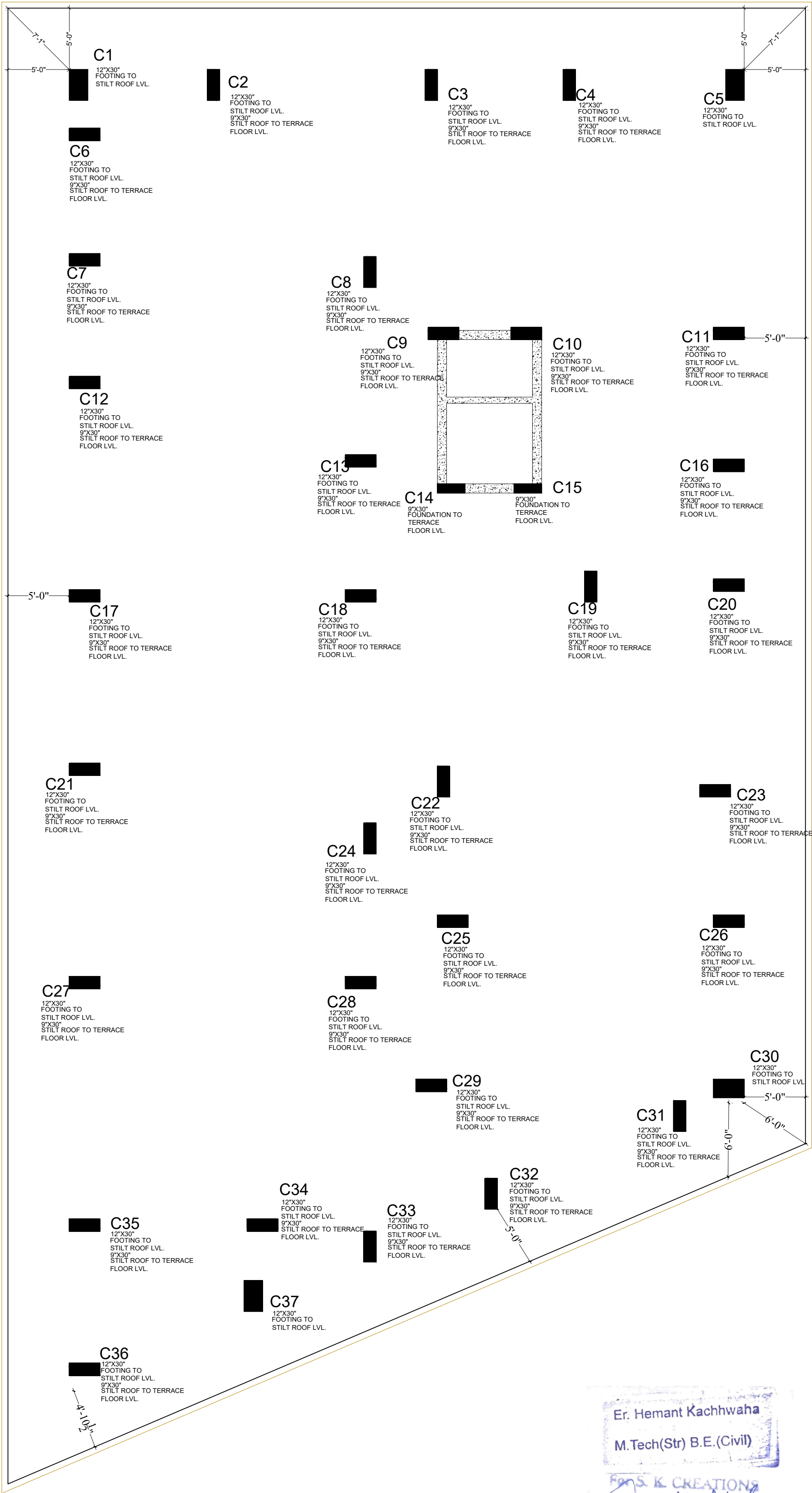




STRUCTURE CONSULTANT

S.K. CREATIONS

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(RAJASTHAN) 302018

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ARCHITECTS



FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER

C-49 VIDYA APARTMENT PARAS MARG,

BAPU NAGAR JAIPUR, (RAJ.)

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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  $F_y = 500 \text{ N/mm}^2$  &  $415 \text{ N/mm}^2$

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

REINFORCING STEEL :-

- R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
- R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm<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. |
|-----|------|-----------|------|
|     |      |           |      |

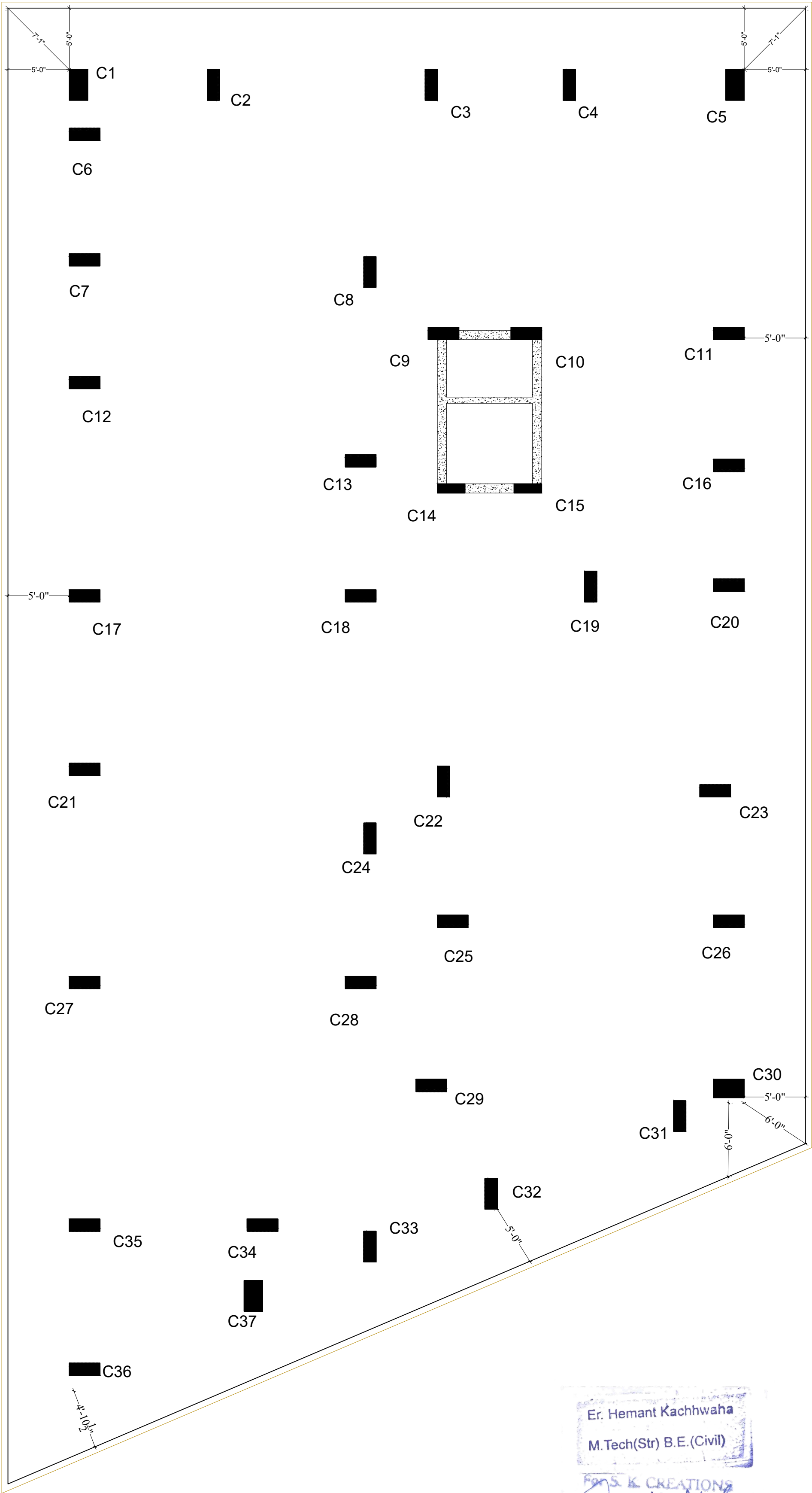
PROJECT

PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

COLUMN MARKING PLAN

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 16.08.2024       |
| REMARK:     |                  |



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

STRUCTURE CONSULTANT

S.K. CREATIONS

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EXCAVATION CHECK :-

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CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
- P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
- P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
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CONCRETE :-

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

REVISIONS

| NO. | DATE | ISSUED TO | CKD. |
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|     |      |           |      |

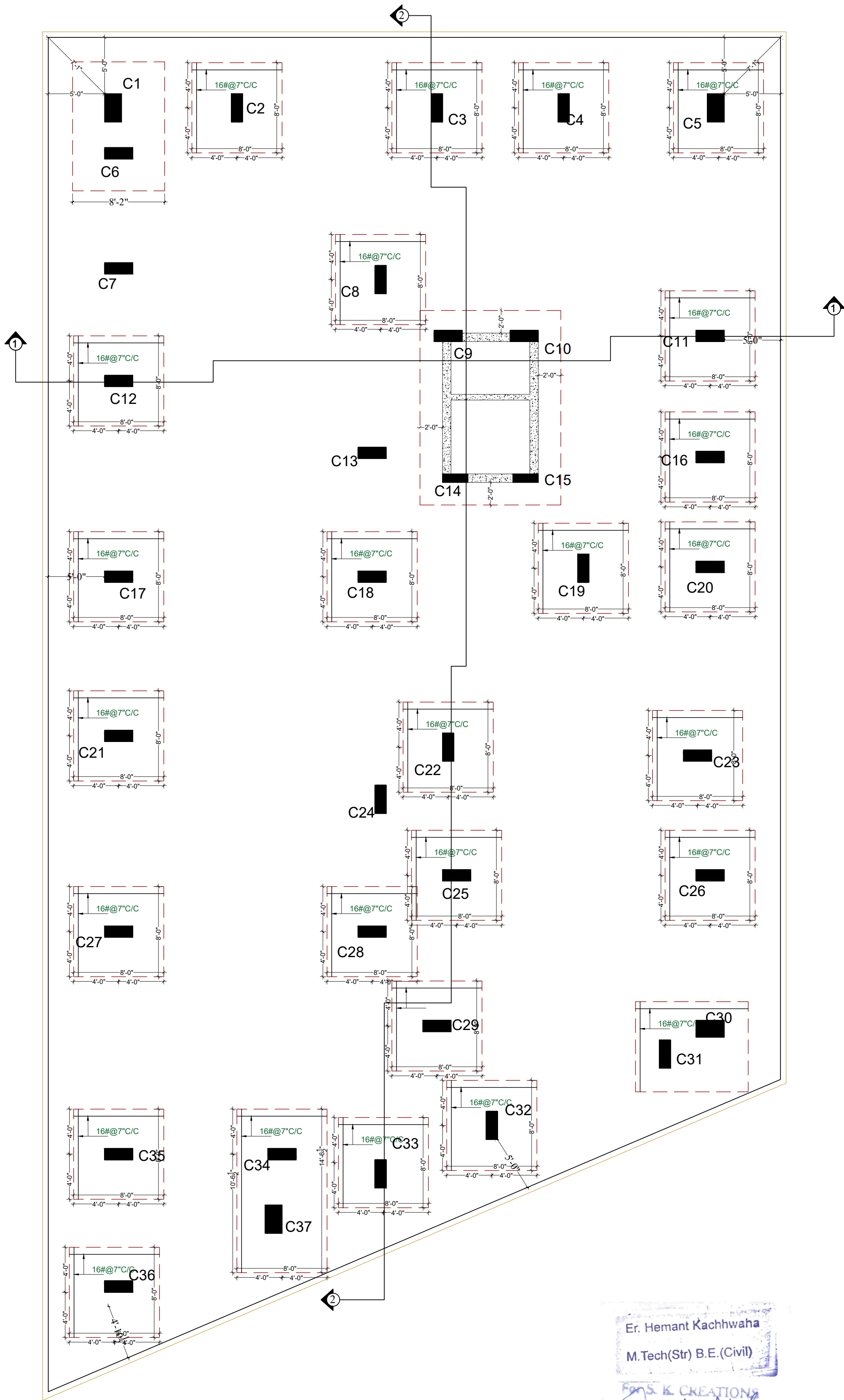
PROJECT

PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

FOUNDATION LAYOUT PLAN

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 16.08.2024       |
| REMARK:     |                  |



## STRUCTURE CONSULTANT

## S.K. CREATIONS

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## ARCHITECTS

## FRANK SQUARE

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C-49 VIDYA APARTMENT PARAS MARG,  
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|----------------------------------------------------|----------------|
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- (1). GRADE OF CONCRETE SHALL BE-
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  - \* ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

## REVISIONS

| NO. | DATE | ISSUED TO | CKD. |
|-----|------|-----------|------|
|     |      |           |      |

## PROJECT

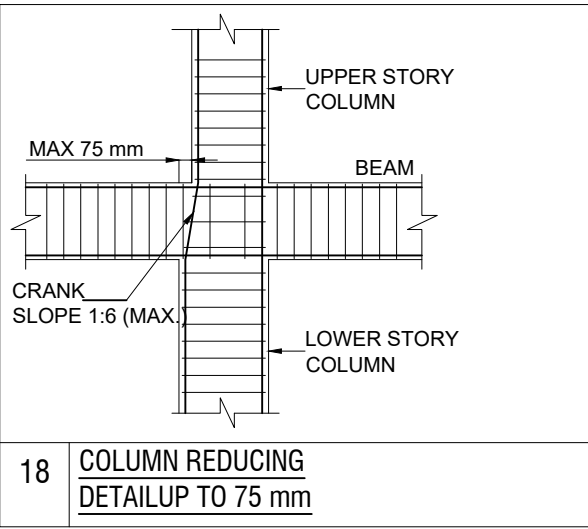
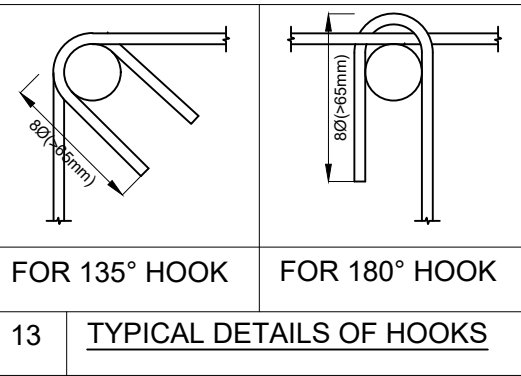
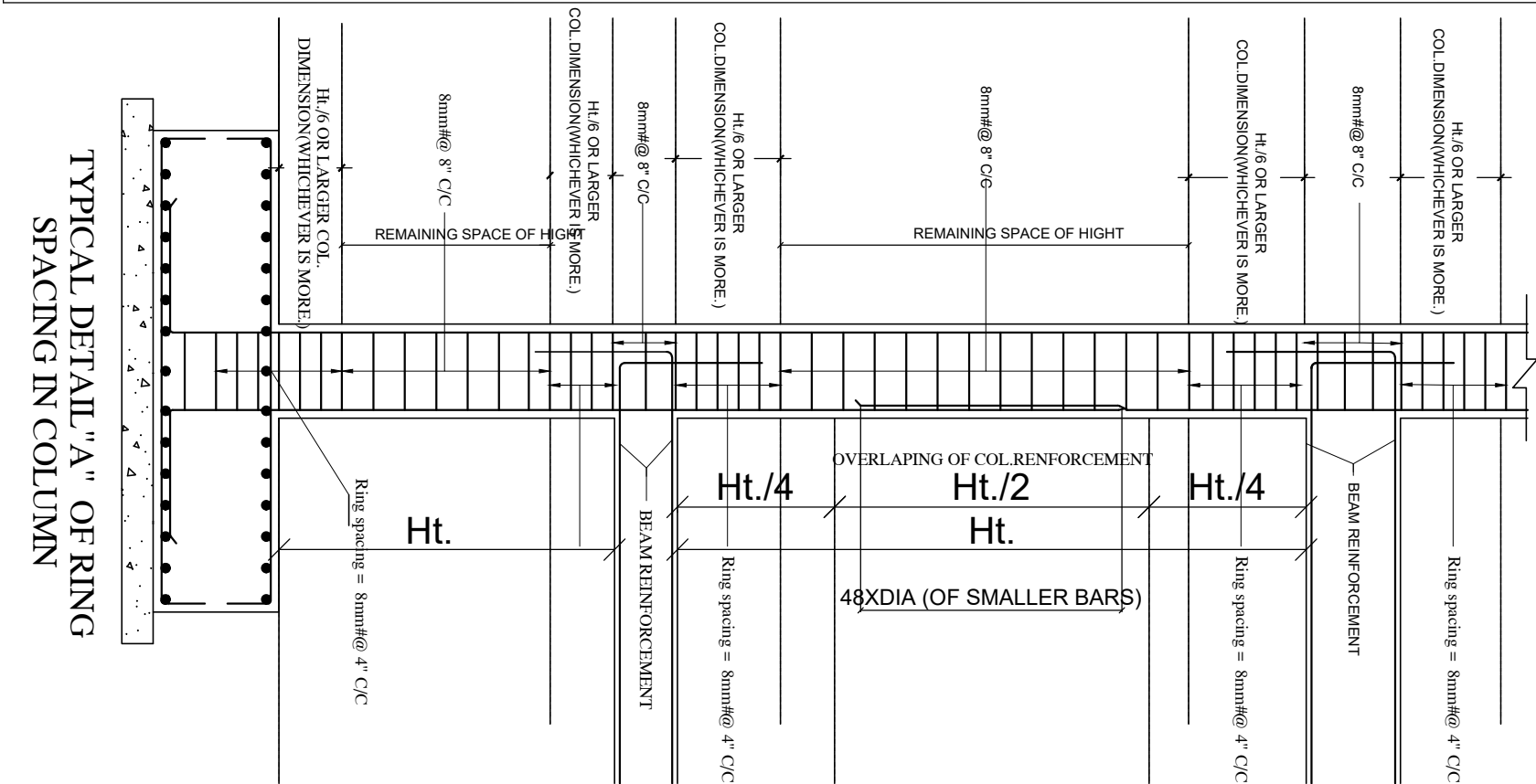
PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

## DRAWING TITLE

## FOUNDATION LAYOUT PLAN

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 16.08.2024       |
| REMARK:     |                  |

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



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

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA, JAIPUR  
(RAJASTHAN) 302018  
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ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER  
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Mobile-9461302542

GENERAL NOTES :-

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
  - P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL, SAND WITHOUT GRAVEL AND PEBBLES.
  - P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 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 G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

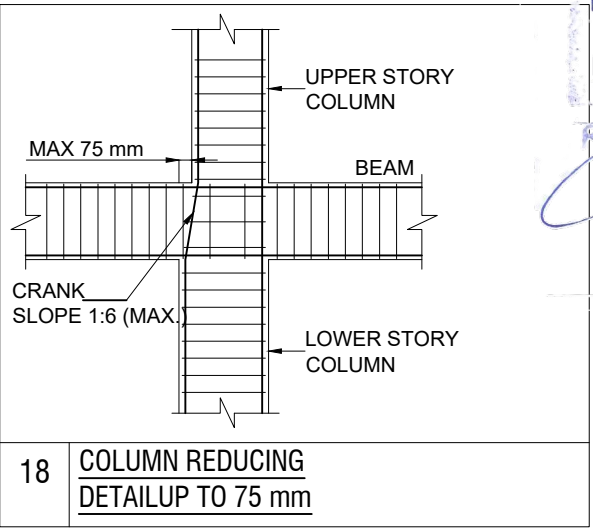
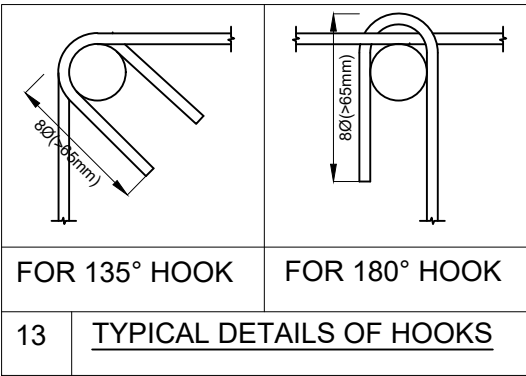
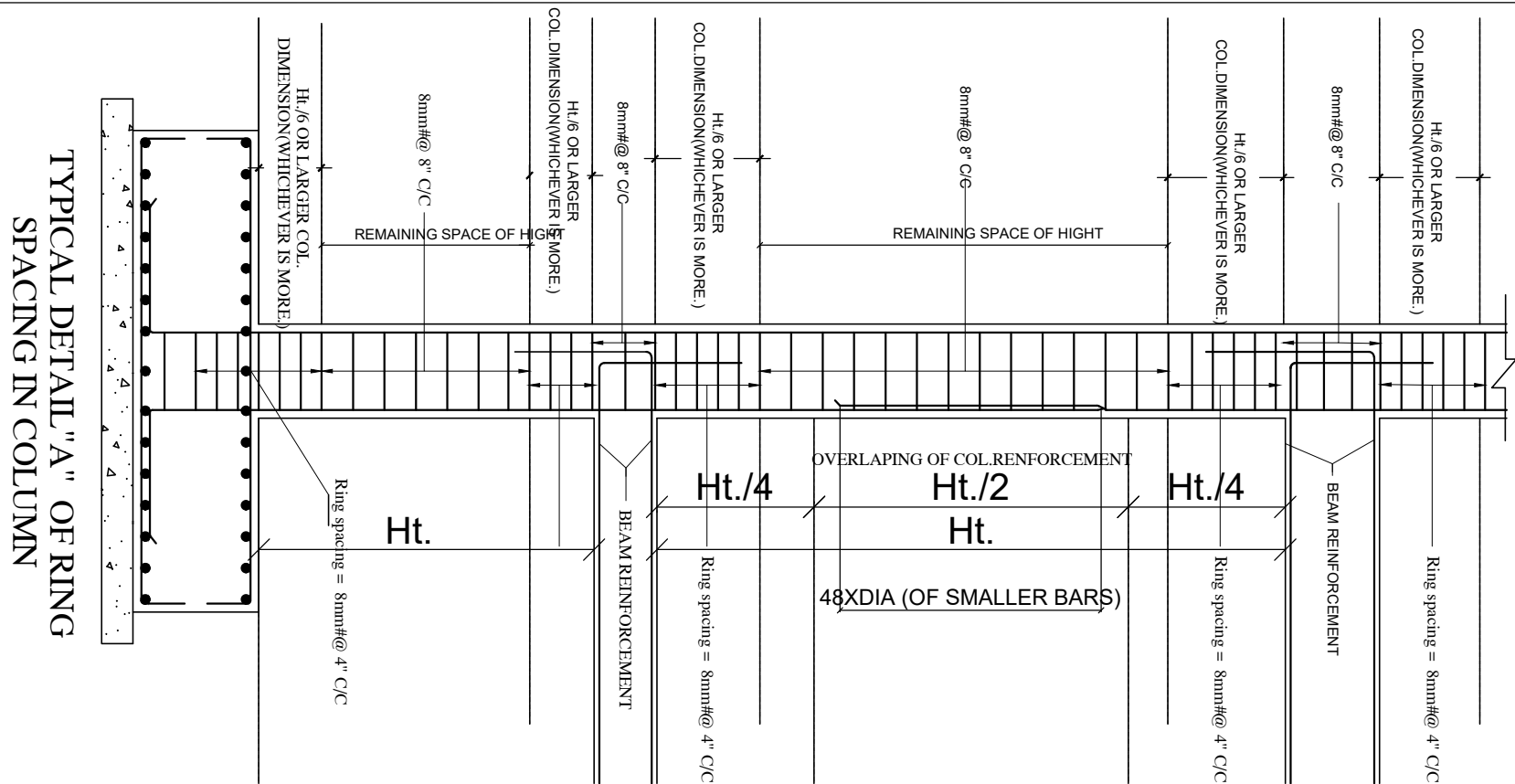
DRAWING TITLE

COLUMN SCHEDULE DETAIL [1]

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 16.08.2024       |
| REMARK:     |                  |



| COLUMN                    | C15              |              |  |  | C16              |              |  |  | C17              |              |  |  | C18              |              |  |  | C19              |              |  |  | C20              |              |  |  | C21              |              |  |  |
|---------------------------|------------------|--------------|--|--|------------------|--------------|--|--|------------------|--------------|--|--|------------------|--------------|--|--|------------------|--------------|--|--|------------------|--------------|--|--|------------------|--------------|--|--|
| 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.           | 12#16        |  |  | REINF.           | 12#16        |  |  | REINF.           | 12#16        |  |  | REINF.           | 4#20<br>8#16 |  |  | REINF.           | 4#20<br>8#16 |  |  | REINF.           | 12#16        |  |  | REINF.           | 4#20<br>8#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\"/>     |  |  | 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"     |  |  | 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<br>4#16 |  |  | REINF.           | 8#20<br>4#16 |  |  | REINF.           | 8#20<br>4#16 |  |  | REINF.           | 12#20        |  |  | REINF.           | 12#20        |  |  | REINF.           | 8#20<br>4#16 |  |  | 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.           | 12#20        |  |  | REINF.           | 12#20        |  |  | REINF.           | 12#20        |  |  | REINF.           | 4#25<br>8#20 |  |  | REINF.           | 4#25<br>8#20 |  |  | REINF.           | 12#20        |  |  | 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\"/>     |  |  | 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.           | 4#25<br>8#20 |  |  | REINF.           | 4#25<br>8#20 |  |  | 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.           | 6#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\"/>     |  |  |
| 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         |  |  |
|                           | REINF.           | 6#25<br>6#20 |  |  | REINF.           | 6#25<br>6#20 |  |  | 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.           | 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\"/>     |  |  | 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.           | 8#25<br>4#20 |  |  | REINF.           | 8#25<br>4#20 |  |  | REINF.           | 8#25<br>4#20 |  |  | REINF.           | 12#25        |  |  | REINF.           | 12#25        |  |  | REINF.           | 8#25<br>4#20 |  |  | 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         |  |  |
|                           | REINF.           | 12-25        |  |  | REINF.           | 12-25        |  |  | REINF.           | 12-25        |  |  | REINF.           | 14#25        |  |  | REINF.           | 14#25        |  |  | REINF.           | 12-25        |  |  | REINF.           | 14#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\"/>     |  |  |



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

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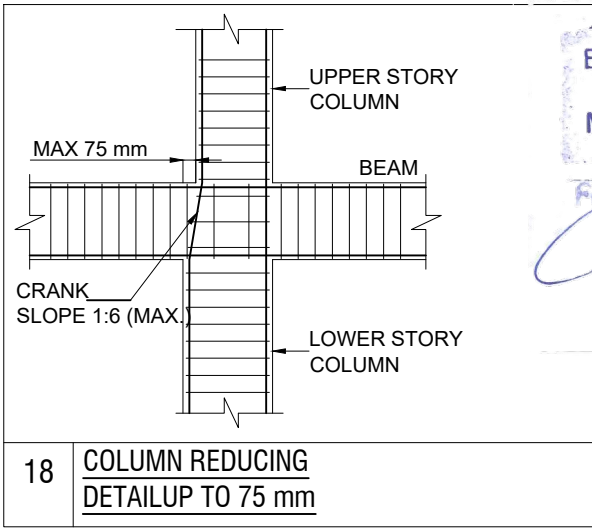
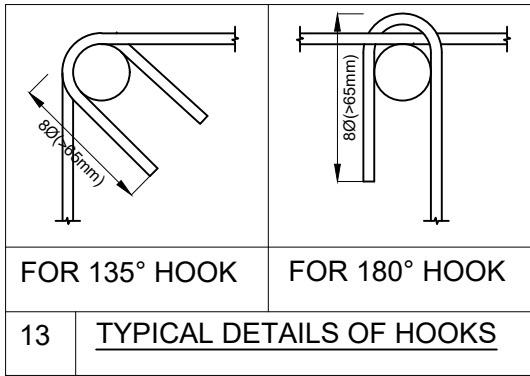
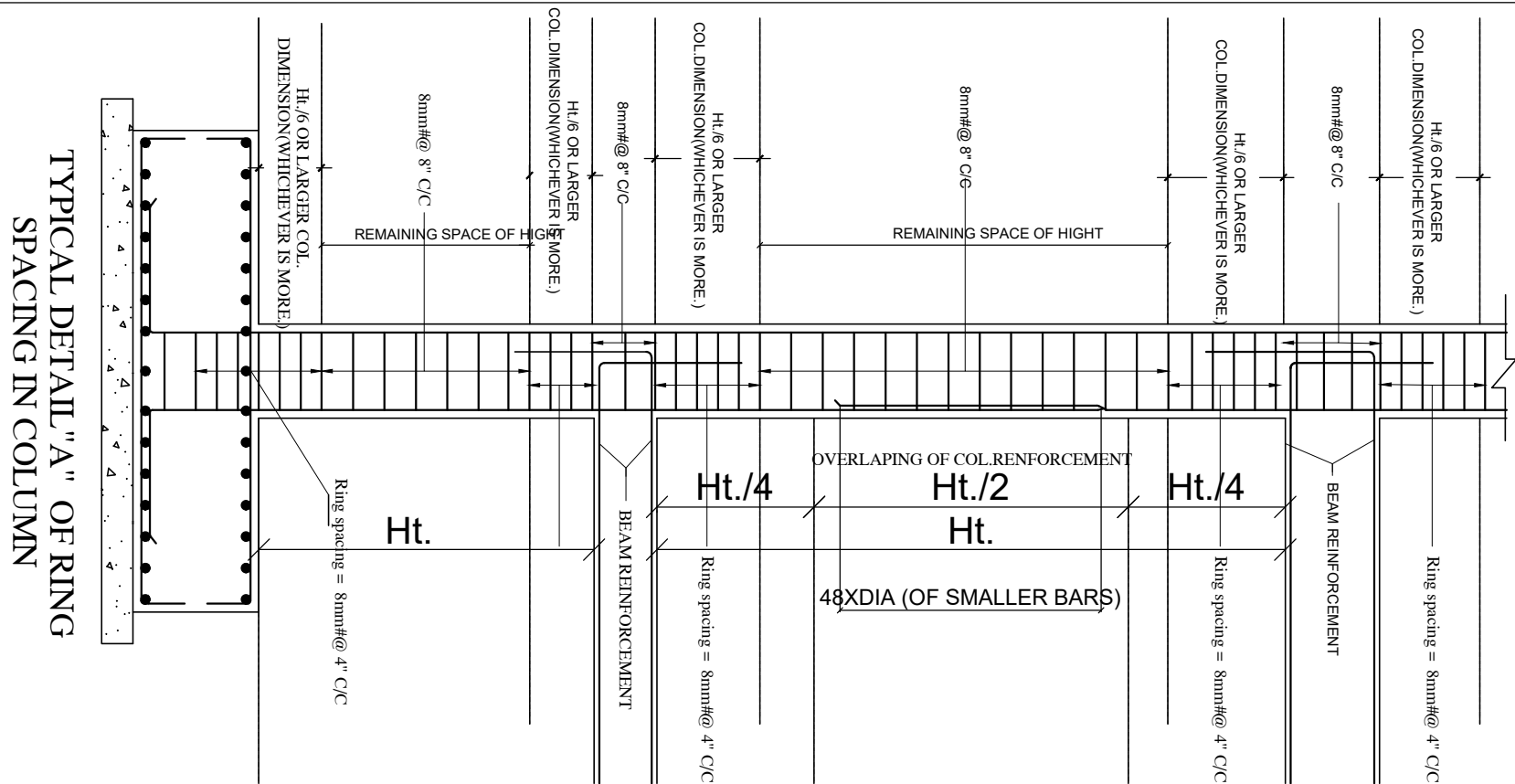
- IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
- BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
- IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING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

CONCRETE :-

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

| 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     |

| COLUMN                    | C22               |           |     |        | C23               |           |     |        | C24               |           |     |        | C25               |           |     |        | C26               |           |     |        | C27               |           |     |        | C28               |           |     |        |
|---------------------------|-------------------|-----------|-----|--------|-------------------|-----------|-----|--------|-------------------|-----------|-----|--------|-------------------|-----------|-----|--------|-------------------|-----------|-----|--------|-------------------|-----------|-----|--------|-------------------|-----------|-----|--------|
| FIFTH ROOF TO MUMTY ROOF  |                   |           |     |        |                   |           |     |        |                   |           |     |        |                   |           |     |        |                   |           |     |        |                   |           |     |        |                   |           |     |        |
| FOURTH ROOF TO FIFTH ROOF | SIZE              | 9' x 30"  | 9"  | 8-16#  | SIZE              | 9' x 30"  | 9"  | 12-16# | SIZE              | 9' x 30"  | 9"  | 8-16#  | SIZE              | 9' x 30"  | 9"  | 8-16#  | SIZE              | 9' x 30"  | 9"  | 12-16# | SIZE              | 9' x 30"  | 9"  | 12-16# | SIZE              | 9' x 30"  | 9"  | 8-16#  |
|                           | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        |
|                           | REINF.            | 4#20      |     |        | REINF.            | 12#16     |     |        | REINF.            | 4#20      |     |        | REINF.            | 4#20      |     |        | REINF.            | 12#16     |     |        | REINF.            | 12#16     |     |        | 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  |     |        |
| THIRD ROOF TO FOURTH ROOF | SIZE              | 9' x 30"  | 9"  | 12-20# | SIZE              | 9' x 30"  | 9"  | 4-16#  | SIZE              | 9' x 30"  | 9"  | 12-20# | SIZE              | 9' x 30"  | 9"  | 12-20# | SIZE              | 9' x 30"  | 9"  | 4-16#  | SIZE              | 9' x 30"  | 9"  | 4-16#  | SIZE              | 9' x 30"  | 9"  | 12-20# |
|                           | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        |
|                           | REINF.            | 12#20     |     |        | REINF.            | 8#20      |     |        | REINF.            | 12#20     |     |        | REINF.            | 12#20     |     |        | REINF.            | 8#20      |     |        | REINF.            | 8#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 TO THIRD ROOF | SIZE              | 9' x 30"  | 9"  | 8-20#  | SIZE              | 9' x 30"  | 9"  | 12-20# | SIZE              | 9' x 30"  | 9"  | 8-20#  | SIZE              | 9' x 30"  | 9"  | 8-20#  | SIZE              | 9' x 30"  | 9"  | 12-20# | SIZE              | 9' x 30"  | 9"  | 12-20# | SIZE              | 9' x 30"  | 9"  | 8-20#  |
|                           | 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.            | 12#20     |     |        | REINF.            | 4#25      |     |        | REINF.            | 4#25      |     |        | REINF.            | 12#20     |     |        | REINF.            | 12#20     |     |        | 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 TO SECOND ROOF | SIZE              | 9' x 30"  | 9"  | 6-20#  | SIZE              | 9' x 30"  | 9"  | 8-20#  | SIZE              | 9' x 30"  | 9"  | 6-20#  | SIZE              | 9' x 30"  | 9"  | 6-20#  | SIZE              | 9' x 30"  | 9"  | 8-20#  | SIZE              | 9' x 30"  | 9"  | 8-20#  | SIZE              | 9' x 30"  | 9"  | 6-20#  |
|                           | 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.            | 4#25      |     |        | REINF.            | 6#25      |     |        | REINF.            | 6#25      |     |        | REINF.            | 4#25      |     |        | REINF.            | 4#25      |     |        | REINF.            | 6#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  |     |        |
| GROUND ROOF TO FIRST ROOF | SIZE              | 9' x 30"  | 9"  | 4-20#  | SIZE              | 9' x 30"  | 9"  | 6-20#  | SIZE              | 9' x 30"  | 9"  | 4-20#  | SIZE              | 9' x 30"  | 9"  | 4-20#  | SIZE              | 9' x 30"  | 9"  | 6-20#  | SIZE              | 9' x 30"  | 9"  | 6-20#  | SIZE              | 9' x 30"  | 9"  | 4-20#  |
|                           | 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.            | 6#25      |     |        | REINF.            | 8#25      |     |        | REINF.            | 8#25      |     |        | REINF.            | 6#25      |     |        | REINF.            | 6#25      |     |        | REINF.            | 8#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  |     |        |
| STILT ROOF TO GROUND ROOF | SIZE              | 9' x 30"  | 9"  | 12-25# | SIZE              | 9' x 30"  | 9"  | 4-20#  | SIZE              | 9' x 30"  | 9"  | 12-25# | SIZE              | 9' x 30"  | 9"  | 12-25# | SIZE              | 9' x 30"  | 9"  | 4-20#  | SIZE              | 9' x 30"  | 9"  | 4-20#  | SIZE              | 9' x 30"  | 9"  | 12-25# |
|                           | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        |
|                           | REINF.            | 12#25     |     |        | REINF.            | 8#25      |     |        | REINF.            | 12#25     |     |        | REINF.            | 12#25     |     |        | 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 TO STILT ROOF  | SIZE              | 12' x 30" | 12" | 14-25# | SIZE              | 12' x 30" | 12" | 12-25# | SIZE              | 12' x 30" | 12" | 14-25# | SIZE              | 12' x 30" | 12" | 14-25# | SIZE              | 12' x 30" | 12" | 12-25# | SIZE              | 12' x 30" | 12" | 12-25# | SIZE              | 12' x 30" | 12" | 14-25# |
|                           | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        | MIX.              | M-25      |     |        |
|                           | REINF.            | 14#25     |     |        | REINF.            | 12-25     |     |        | REINF.            | 14#25     |     |        | REINF.            | 14#25     |     |        | REINF.            | 12-25     |     |        | REINF.            | 12-25     |     |        | 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 Kachhwa  
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

67, GAYTRI NAGAR-A, DURGAPURA,JAIPUR  
(RAJASTHAN) 302018  
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MO. +91-9351388735

ARCHITECTS

FRANK SQUARE

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

GENERAL NOTES :-

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

- IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
- BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
- IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
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\* WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS 36 TO 48 HOURS  
\* SLABS (PROPS LEFT UNDER) 3 DAYS  
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\* REMOVAL OF PROPS UNDER SLABS  
-SPANNING UP TO 4500 7 DAYS  
-SPANNING OVER 4500 14 DAYS  
\* REMOVAL OF PROPS UNDER BEAMS  
-SPANNING UP TO 6000 14 DAYS  
-SPANNING OVER 6000 21 DAYS

CONCRETE :-

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

- ALL REINFORCING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
- REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
- 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 :-

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

REVISIONS

| NO. | DATE | ISSUED TO | CKD. |
|-----|------|-----------|------|
|     |      |           |      |

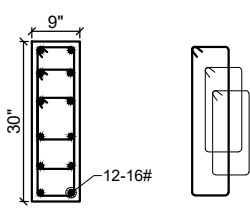
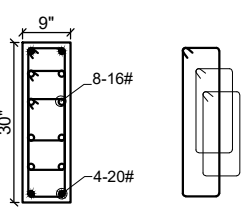
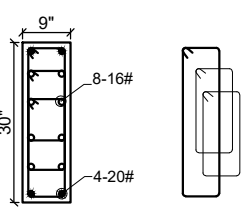
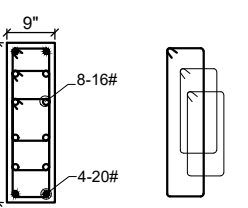
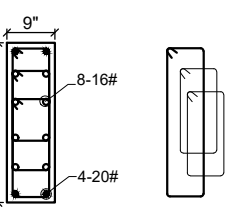
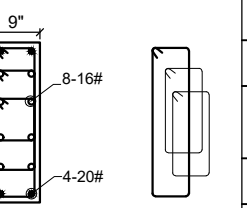
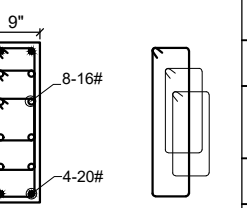
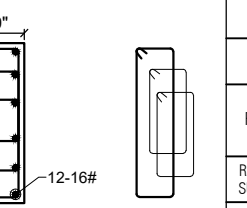
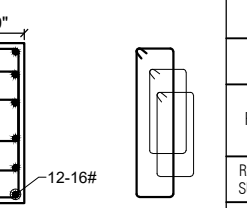
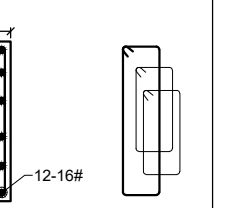
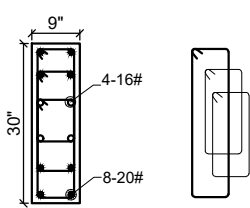
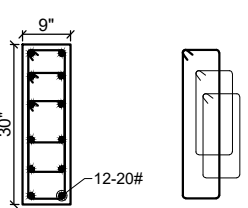
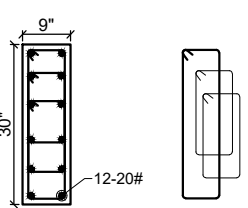
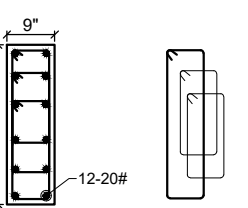
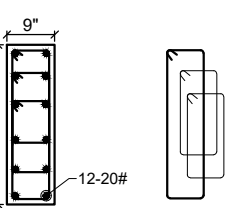
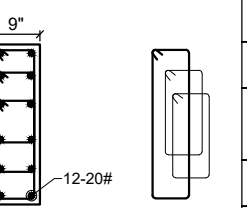
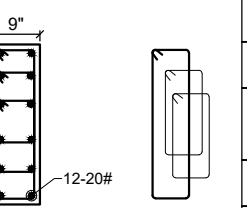
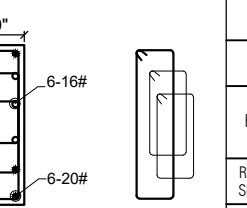
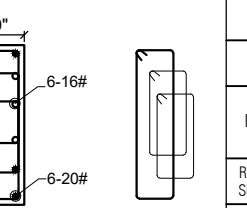
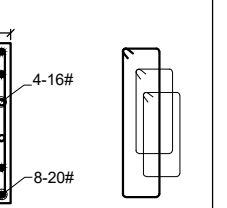
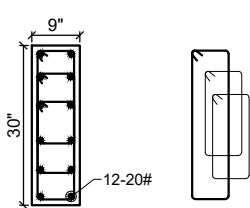
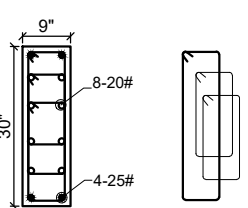
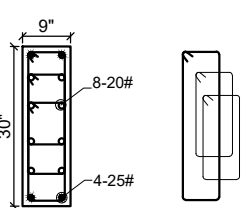
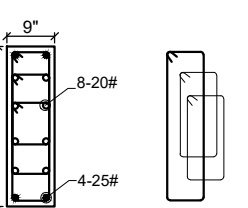
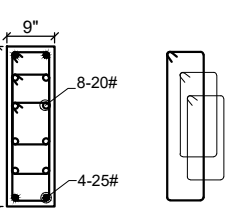
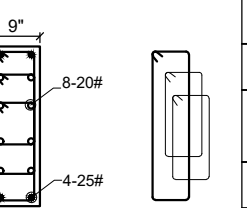
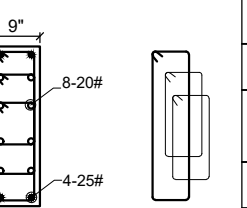
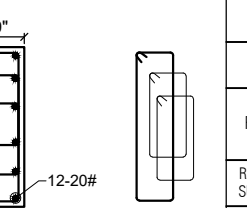
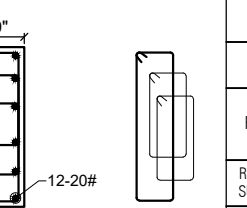
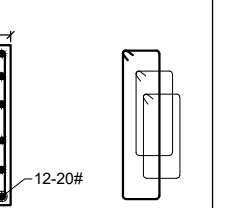
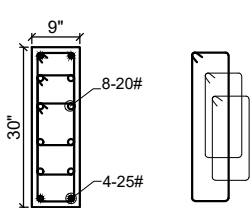
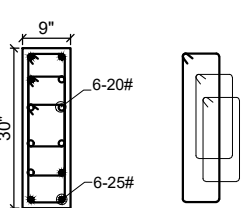
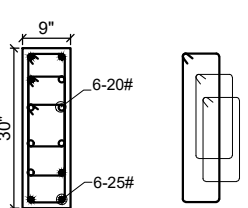
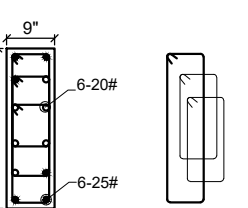
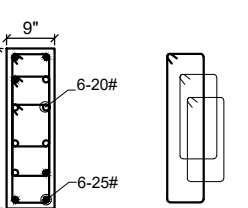
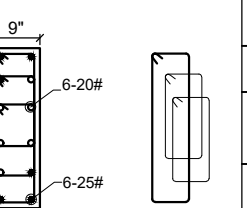
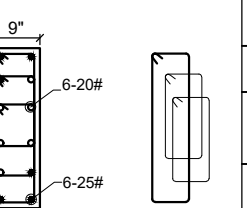
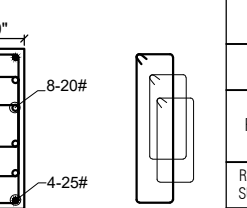
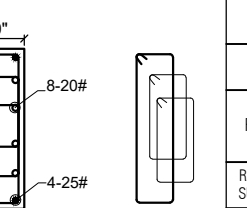
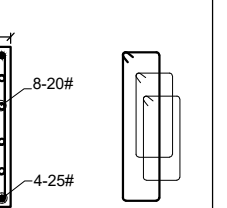
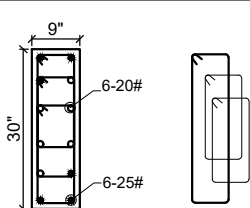
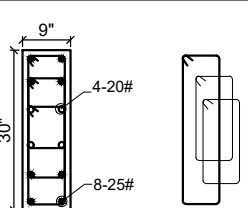
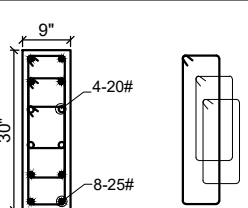
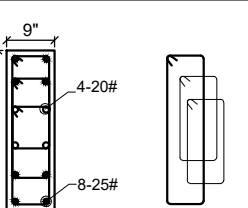
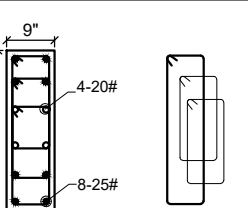
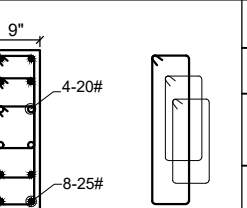
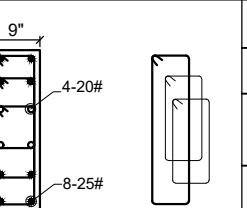
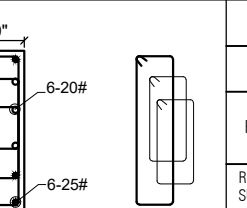
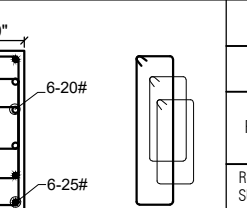
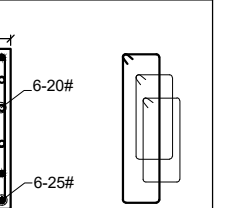
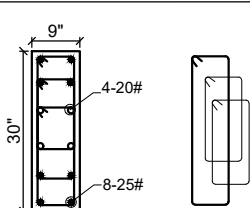
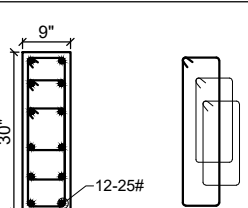
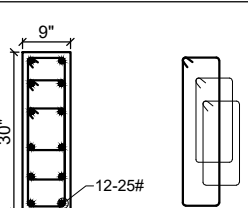
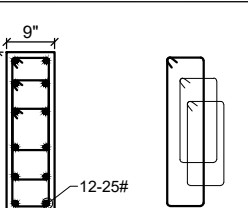
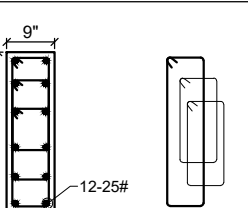
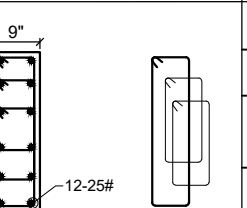
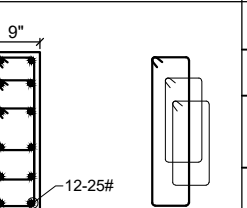
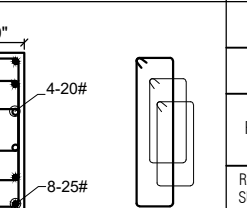
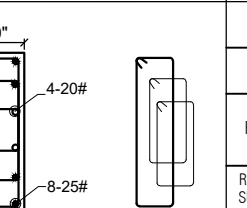
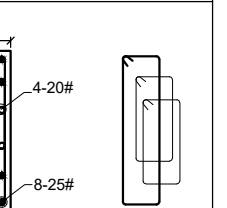
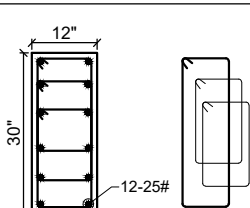
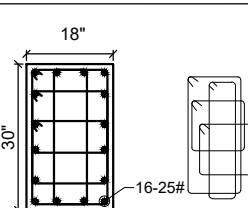
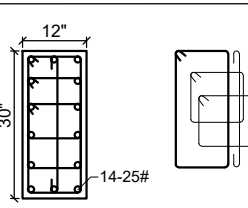
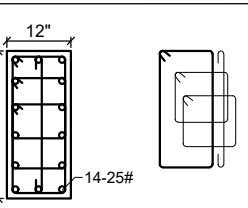
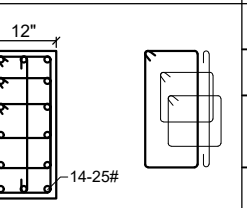
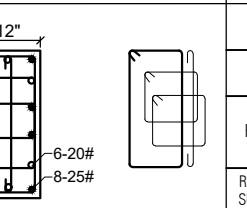
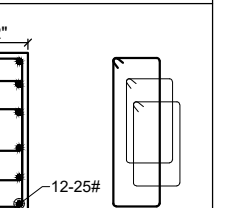
PROJECT

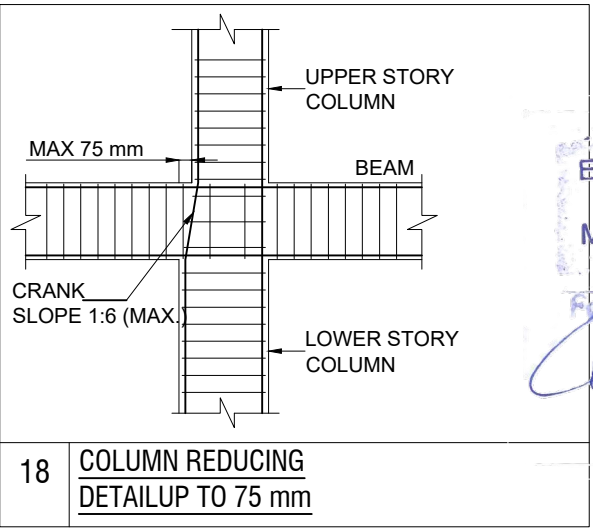
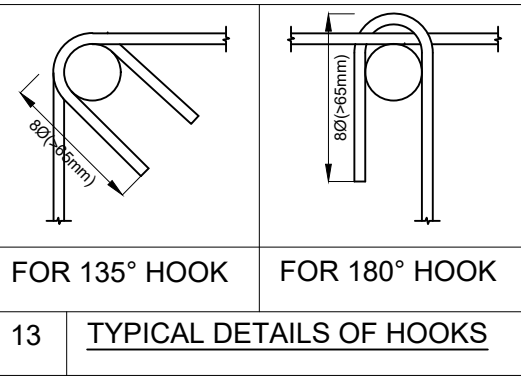
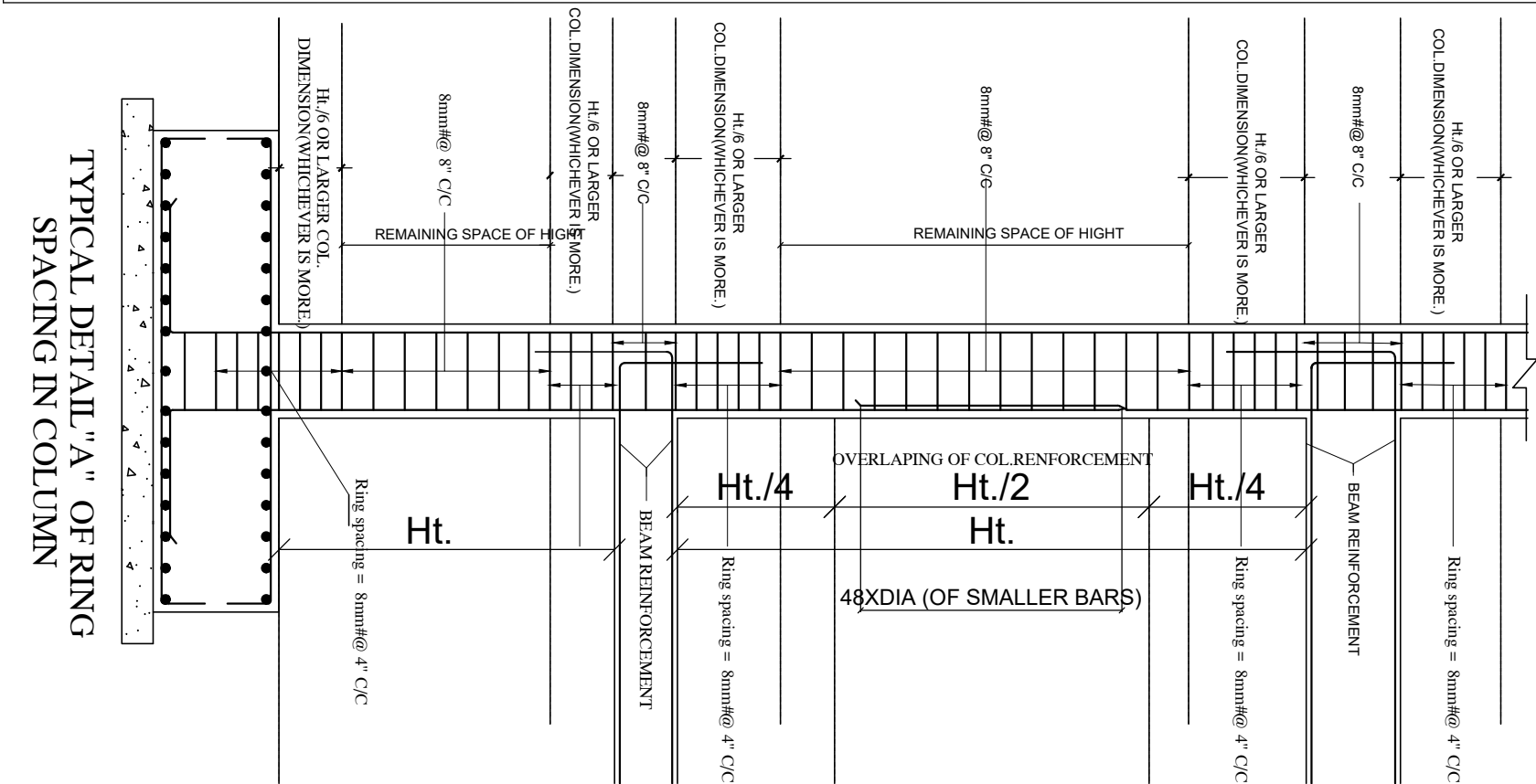
PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

COLUMN SCHEDULE DETAIL [4]

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 16.08.2024       |
| REMARK:     |                  |

| COLUMN                    | C29               |              |                                                                                     | C30                                                                                  |                   |                                                                                     | C31                                                                                  |                                                                                       |                                                                                      | C32               |                                                                                       |                                                                                       | C33               |              |                                                                                       | C34                                                                                   |                   |                                                                                       | C35                                                                                   |                                                                                       |                                                                                       |
|---------------------------|-------------------|--------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|--------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 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"                                                                              |    |    |                                                                                       |
|                           | 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.            | 4#20<br>8#16 |                                                                                       |                                                                                       | REINF.            | 12#16                                                                                 |                                                                                       |                                                                                       |                                                                                       |
|                           | RINGS AT SUPPORT  | #8@4"C/C     |                                                                                     |                                                                                      | RINGS AT SUPPORT  | #8@4"C/C                                                                            |                                                                                      |                                                                                       | RINGS AT SUPPORT                                                                     | #8@4"C/C          |                                                                                       |                                                                                       | RINGS AT SUPPORT  | #8@4"C/C     |                                                                                       |                                                                                       | RINGS AT SUPPORT  | #8@4"C/C                                                                              |                                                                                       |                                                                                       |                                                                                       |
|                           | RINGS AT MID SPAN | #8@8"C/C     |                                                                                     |                                                                                      | RINGS AT MID SPAN | #8@8"C/C                                                                            |                                                                                      |                                                                                       | RINGS AT MID SPAN                                                                    | #8@8"C/C          |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C     |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C                                                                              |                                                                                       |                                                                                       |                                                                                       |
| THIRD ROOF TO FOURTH ROOF | SIZE              | 9' x 30"     |    |    | SIZE              | 9' x 30"                                                                            |    |    | SIZE                                                                                 | 9' x 30"          |    |    | SIZE              | 9' x 30"     |    |    | SIZE              | 9' x 30"                                                                              |    |    |                                                                                       |
|                           | MIX.              | M-25         |                                                                                     |                                                                                      | MIX.              | M-25                                                                                |                                                                                      |                                                                                       | MIX.                                                                                 | M-25              |                                                                                       |                                                                                       | MIX.              | M-25         |                                                                                       |                                                                                       | MIX.              | M-25                                                                                  |                                                                                       |                                                                                       |                                                                                       |
|                           | REINF.            | 8#20<br>4#16 |                                                                                     |                                                                                      | REINF.            | 12#20                                                                               |                                                                                      |                                                                                       | REINF.                                                                               | 12#20             |                                                                                       |                                                                                       | REINF.            | 12#20        |                                                                                       |                                                                                       | REINF.            | 6#20<br>6#16                                                                          |                                                                                       |                                                                                       |                                                                                       |
|                           | RINGS AT SUPPORT  | #8@4"C/C     |                                                                                     |                                                                                      | RINGS AT SUPPORT  | #8@4"C/C                                                                            |                                                                                      |                                                                                       | RINGS AT SUPPORT                                                                     | #8@4"C/C          |                                                                                       |                                                                                       | RINGS AT SUPPORT  | #8@4"C/C     |                                                                                       |                                                                                       | RINGS AT SUPPORT  | #8@4"C/C                                                                              |                                                                                       |                                                                                       |                                                                                       |
|                           | RINGS AT MID SPAN | #8@8"C/C     |                                                                                     |                                                                                      | RINGS AT MID SPAN | #8@8"C/C                                                                            |                                                                                      |                                                                                       | RINGS AT MID SPAN                                                                    | #8@8"C/C          |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C     |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C                                                                              |                                                                                       |                                                                                       |                                                                                       |
| SECOND ROOF TO THIRD ROOF | SIZE              | 9' x 30"     |    |    | SIZE              | 9' x 30"                                                                            |    |    | SIZE                                                                                 | 9' x 30"          |    |    | SIZE              | 9' x 30"     |    |    | SIZE              | 9' x 30"                                                                              |    |    |                                                                                       |
|                           | 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.            | 4#25<br>8#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 MID SPAN | #8@8"C/C     |                                                                                     |                                                                                      | RINGS AT MID SPAN | #8@8"C/C                                                                            |                                                                                      |                                                                                       | RINGS AT MID SPAN                                                                    | #8@8"C/C          |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C     |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C                                                                              |                                                                                       |                                                                                       |                                                                                       |
| FIRST ROOF TO SECOND ROOF | SIZE              | 9' x 30"     |    |    | SIZE              | 9' x 30"                                                                            |    |    | SIZE                                                                                 | 9' x 30"          |    |    | SIZE              | 9' x 30"     |    |    | SIZE              | 9' x 30"                                                                              |    |    |                                                                                       |
|                           | 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.            | 6#25<br>8#20 |                                                                                       |                                                                                       | REINF.            | 4#25<br>8#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 MID SPAN | #8@8"C/C     |                                                                                     |                                                                                      | RINGS AT MID SPAN | #8@8"C/C                                                                            |                                                                                      |                                                                                       | RINGS AT MID SPAN                                                                    | #8@8"C/C          |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C     |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C                                                                              |                                                                                       |                                                                                       |                                                                                       |
| GROUND ROOF TO FIRST ROOF | SIZE              | 9' x 30"     |   |   | SIZE              | 9' x 30"                                                                            |   |   | SIZE                                                                                 | 9' x 30"          |   |   | SIZE              | 9' x 30"     |   |   | SIZE              | 9' x 30"                                                                              |   |   |                                                                                       |
|                           | 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.            | 8#25<br>4#20 |                                                                                       |                                                                                       | REINF.            | 6#25<br>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 MID SPAN | #8@8"C/C     |                                                                                     |                                                                                      | RINGS AT MID SPAN | #8@8"C/C                                                                            |                                                                                      |                                                                                       | RINGS AT MID SPAN                                                                    | #8@8"C/C          |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C     |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C                                                                              |                                                                                       |                                                                                       |                                                                                       |
| STILT ROOF TO GROUND ROOF | SIZE              | 9' x 30"     |  |  | SIZE              | 9' x 30"                                                                            |  |  | SIZE                                                                                 | 9' x 30"          |  |  | SIZE              | 9' x 30"     |  |  | SIZE              | 9' x 30"                                                                              |  |  |                                                                                       |
|                           | 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.            | 12#25        |                                                                                       |                                                                                       | REINF.            | 8#25<br>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 MID SPAN | #8@8"C/C     |                                                                                     |                                                                                      | RINGS AT MID SPAN | #8@8"C/C                                                                            |                                                                                      |                                                                                       | RINGS AT MID SPAN                                                                    | #8@8"C/C          |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C     |                                                                                       |                                                                                       | RINGS AT MID SPAN | #8@8"C/C                                                                              |                                                                                       |                                                                                       |                                                                                       |
| FOUNDATION TO STILT ROOF  | SIZE              | 12' x 30"    |  | SIZE                                                                                 | 18' 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         |                                                                                       |                                                                                       |                   |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                           | REINF.            | 12-25        |                                                                                     | REINF.                                                                               | 16#25             |                                                                                     | REINF.                                                                               | 14#25                                                                                 |                                                                                      | REINF.            | 14#25                                                                                 |                                                                                       | REINF.            | 8#25<br>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 MID SPAN | #8@8"C/C     |                                                                                     | RINGS AT MID SPAN                                                                    | #8@8"C/C          |                                                                                     | RINGS AT MID SPAN                                                                    | #8@8"C/C                                                                              |                                                                                      | RINGS AT MID SPAN | #8@8"C/C                                                                              |                                                                                       | RINGS AT MID SPAN | #8@8"C/C     |                                                                                       |                                                                                       |                   |                                                                                       |                                                                                       |                                                                                       |                                                                                       |



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

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

STRUCTURE CONSULTANT

S.K. CREATIONS

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GENERAL NOTES :-

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
  - P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL, SAND WITHOUT GRAVEL AND PEBBLES.
  - P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 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/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

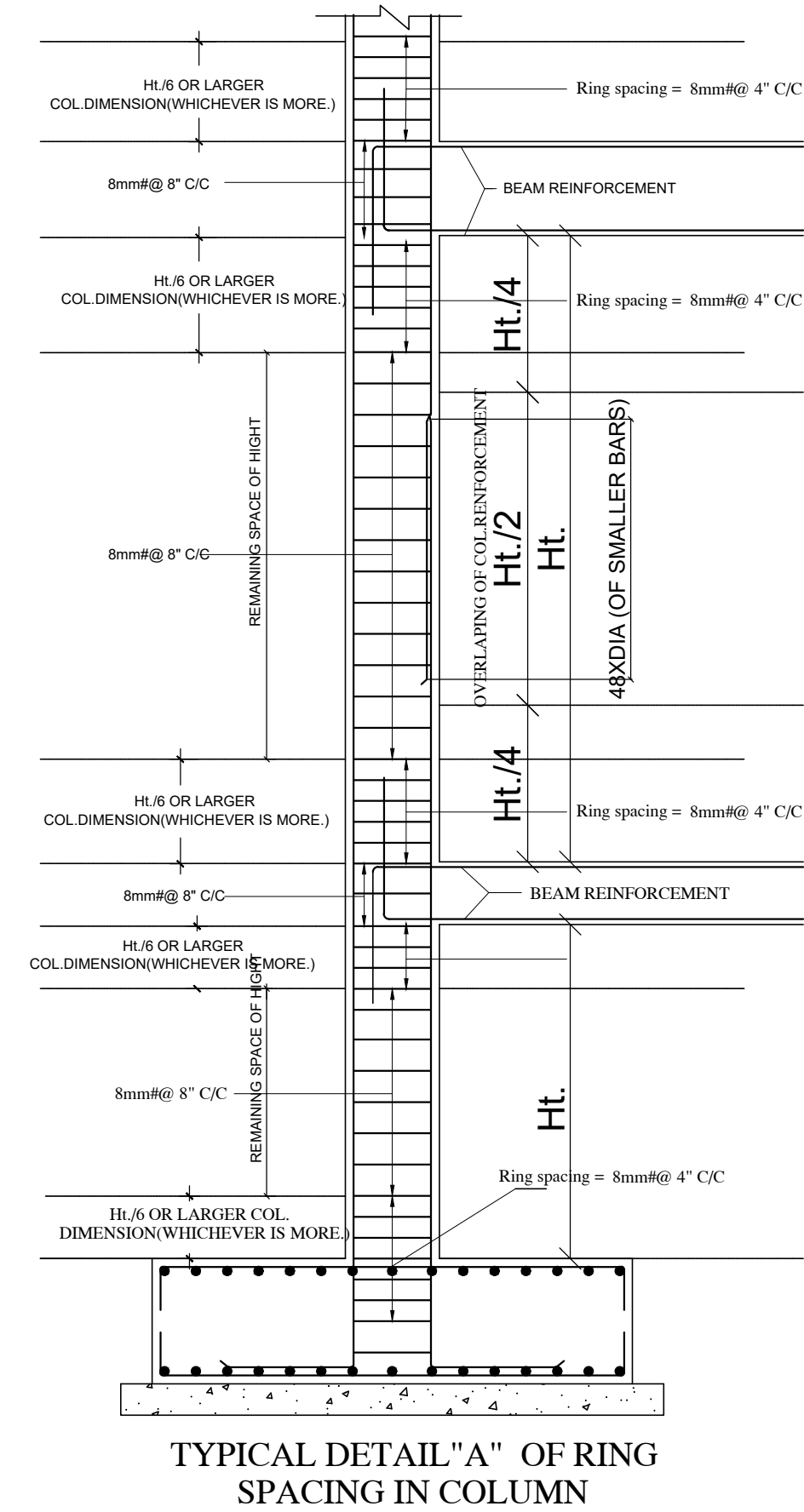
PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

COLUMN SCHEDULE DETAIL [5]

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 16.08.2024       |
| REMARK:     |                  |

| COLUMN                    | C36               |           |        |     | FC1               |          |       |     | FC2               |          |       |     | FC3               |          |       |     | C37               |           |       |     |
|---------------------------|-------------------|-----------|--------|-----|-------------------|----------|-------|-----|-------------------|----------|-------|-----|-------------------|----------|-------|-----|-------------------|-----------|-------|-----|
| FIFTH ROOF TO MUMTY ROOF  |                   |           |        |     |                   |          |       |     |                   |          |       |     |                   |          |       |     |                   |           |       |     |
| FOURTH ROOF TO FIFTH ROOF | SIZE              | 9" x 30"  | 9"     | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" |                   |           |       |     |
|                           | MIX.              | M-25      | 8-16#  |     | MIX.              | M-25     | 8-16# |     | MIX.              | M-25     | 8-16# |     | MIX.              | M-25     | 8-16# |     |                   |           |       |     |
|                           | REINF.            | 4#20      | 8#16   |     | REINF.            | 12#16    |       |     | REINF.            | 4#20     | 8#16  |     | REINF.            | 4#20     | 8#16  |     |                   |           |       |     |
|                           | RINGS AT SUPPORT  | #8@4"C/C  |        |     | RINGS AT SUPPORT  | #8@4"C/C |       |     | RINGS AT SUPPORT  | #8@4"C/C |       |     | RINGS AT SUPPORT  | #8@4"C/C |       |     |                   |           |       |     |
|                           | RINGS AT MID SPAN | #8@8"C/C  |        |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     |                   |           |       |     |
| THIRD ROOF TO FOURTH ROOF | SIZE              | 9" x 30"  | 9"     | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" |                   |           |       |     |
|                           | MIX.              | M-25      | 12#20  |     | MIX.              | M-25     | 4-16# |     | MIX.              | M-25     | 12#20 |     | MIX.              | M-25     | 12#20 |     |                   |           |       |     |
|                           | REINF.            | -----     | 12#20# |     | REINF.            | 8#20     | 4#16  |     | 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 MID SPAN | #8@8"C/C  |        |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     |                   |           |       |     |
| SECOND ROOF TO THIRD ROOF | SIZE              | 9" x 30"  | 9"     | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" |                   |           |       |     |
|                           | MIX.              | M-25      | 8-20#  |     | MIX.              | M-25     | 12#20 |     | MIX.              | M-25     | 8-20# |     | MIX.              | M-25     | 8-20# |     |                   |           |       |     |
|                           | REINF.            | 4#25      | 8#20   |     | REINF.            | 12#20    | ----- |     | REINF.            | 4#25     | 8#20  |     | REINF.            | 4#25     | 8#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 MID SPAN | #8@8"C/C  |        |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     |                   |           |       |     |
| FIRST ROOF TO SECOND ROOF | SIZE              | 9" x 30"  | 9"     | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" |                   |           |       |     |
|                           | MIX.              | M-25      | 6-20#  |     | MIX.              | M-25     | 8-20# |     | MIX.              | M-25     | 6-20# |     | MIX.              | M-25     | 6-20# |     |                   |           |       |     |
|                           | REINF.            | 6#25      | 6#20   |     | REINF.            | 4#25     | 8#20  |     | REINF.            | 6#25     | 6#20  |     | REINF.            | 6#25     | 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 MID SPAN | #8@8"C/C  |        |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     |                   |           |       |     |
| GROUND ROOF TO FIRST ROOF | SIZE              | 9" x 30"  | 9"     | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" |                   |           |       |     |
|                           | MIX.              | M-25      | 4-20#  |     | MIX.              | M-25     | 6-20# |     | MIX.              | M-25     | 4-20# |     | MIX.              | M-25     | 4-20# |     |                   |           |       |     |
|                           | REINF.            | 8#25      | 4#20   |     | REINF.            | 6#25     | 6#20  |     | REINF.            | 8#25     | 4#20  |     | REINF.            | 8#25     | 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 MID SPAN | #8@8"C/C  |        |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     |                   |           |       |     |
| STILT ROOF TO GROUND ROOF | SIZE              | 9" x 30"  | 9"     | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" | SIZE              | 9" x 30" | 9"    | 30" |                   |           |       |     |
|                           | MIX.              | M-25      | 12#25  |     | MIX.              | M-25     | 4-20# |     | MIX.              | M-25     | 12#25 |     | MIX.              | M-25     | 12#25 |     |                   |           |       |     |
|                           | REINF.            | -----     | 12#25# |     | REINF.            | 8#25     | 4#20  |     | REINF.            | 12#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 MID SPAN | #8@8"C/C  |        |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     | RINGS AT MID SPAN | #8@8"C/C |       |     |                   |           |       |     |
| FOUNDATION TO STILT ROOF  | SIZE              | 12" x 30" | 12"    | 30" |                   |          |       |     |                   |          |       |     |                   |          |       |     | SIZE              | 18" x 30" | 18"   | 30" |
|                           | MIX.              | M-25      | 14#25  |     |                   |          |       |     |                   |          |       |     |                   |          |       |     | MIX.              | M-25      | 16#25 |     |
|                           | REINF.            | -----     | 14-25# |     |                   |          |       |     |                   |          |       |     |                   |          |       |     | REINF.            | -----     | 16#25 |     |
|                           | 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  |       |     |



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ARCHITECTS

FRANK SQUARE

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C-49 VIDYA APARTMENT PARAS MARG,  
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(3). THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.

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

CONCRETE :-  
C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS  
C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.  
C3. DEVELOPMENT LENGTH FOR Fy = 550 N/mm² & 415 N/mm²

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

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

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

REVISIONS

| NO. | DATE | ISSUED TO | CKD. |
|-----|------|-----------|------|
|     |      |           |      |

PROJECT

PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

COLUMN SCHEDULE DETAIL [6]

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 16.08.2024       |
| REMARK:     |                  |

FOR 135° HOOK

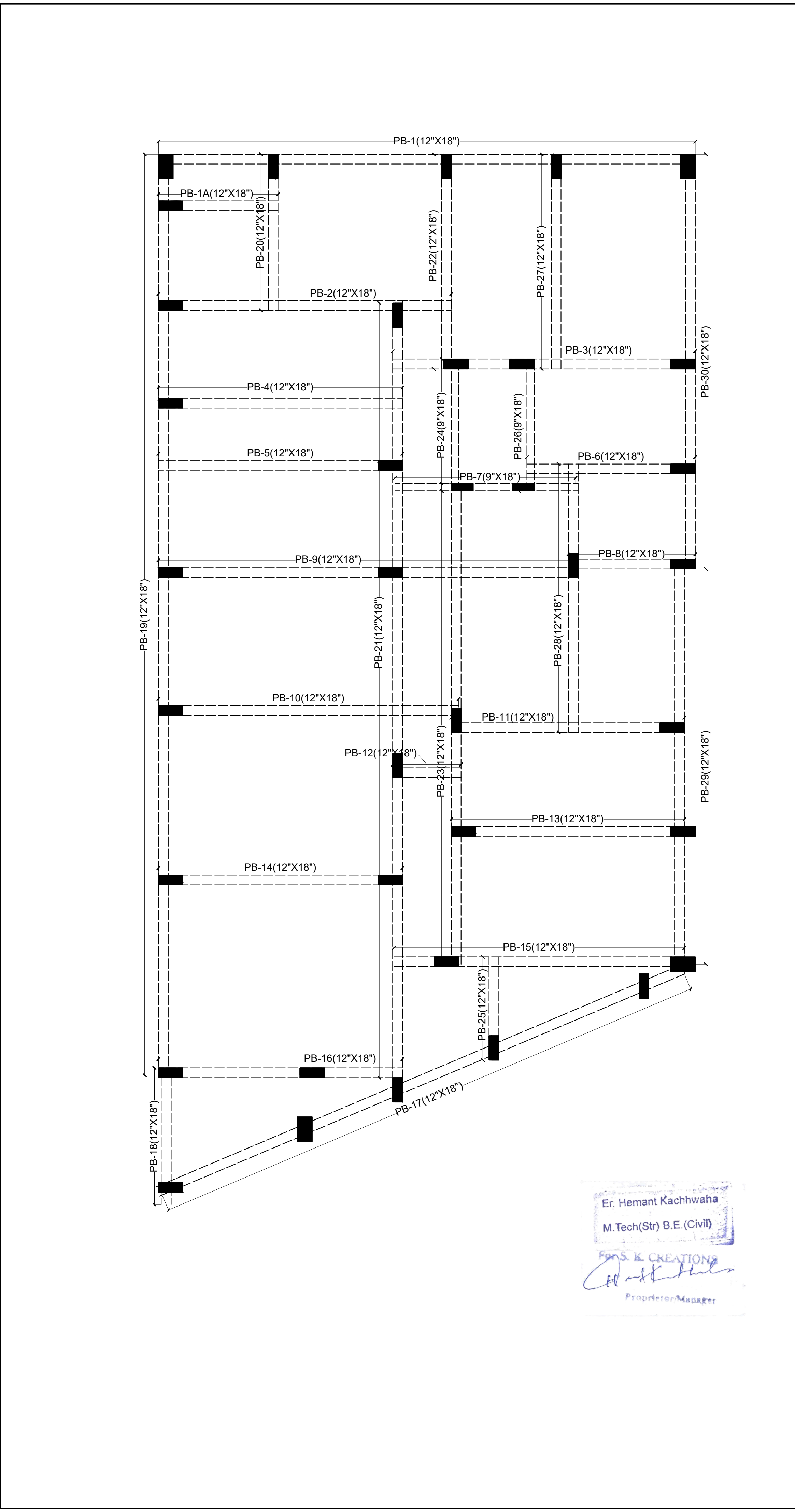
FOR 180° HOOK

13 TYPICAL DETAILS OF HOOKS

UPPER STORY COLUMN  
BEAM  
LOWER STORY COLUMN  
CRANK SLOPE 1:6 (MAX.)

18 COLUMN REDUCING DETAILUP TO 75 mm

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



STRUCTURE CONSULTANT

S.K. CREATIONS

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(RAJASTHAN) 302018  
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ARCHITECTS

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

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 Fy = 500 N/mm² & 415 N/mm²

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

REINFORCING STEEL :-

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

DESIGN DATA :-

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

REVISIONS

| NO. | DATE | ISSUED TO | CKD. |
|-----|------|-----------|------|
|     |      |           |      |

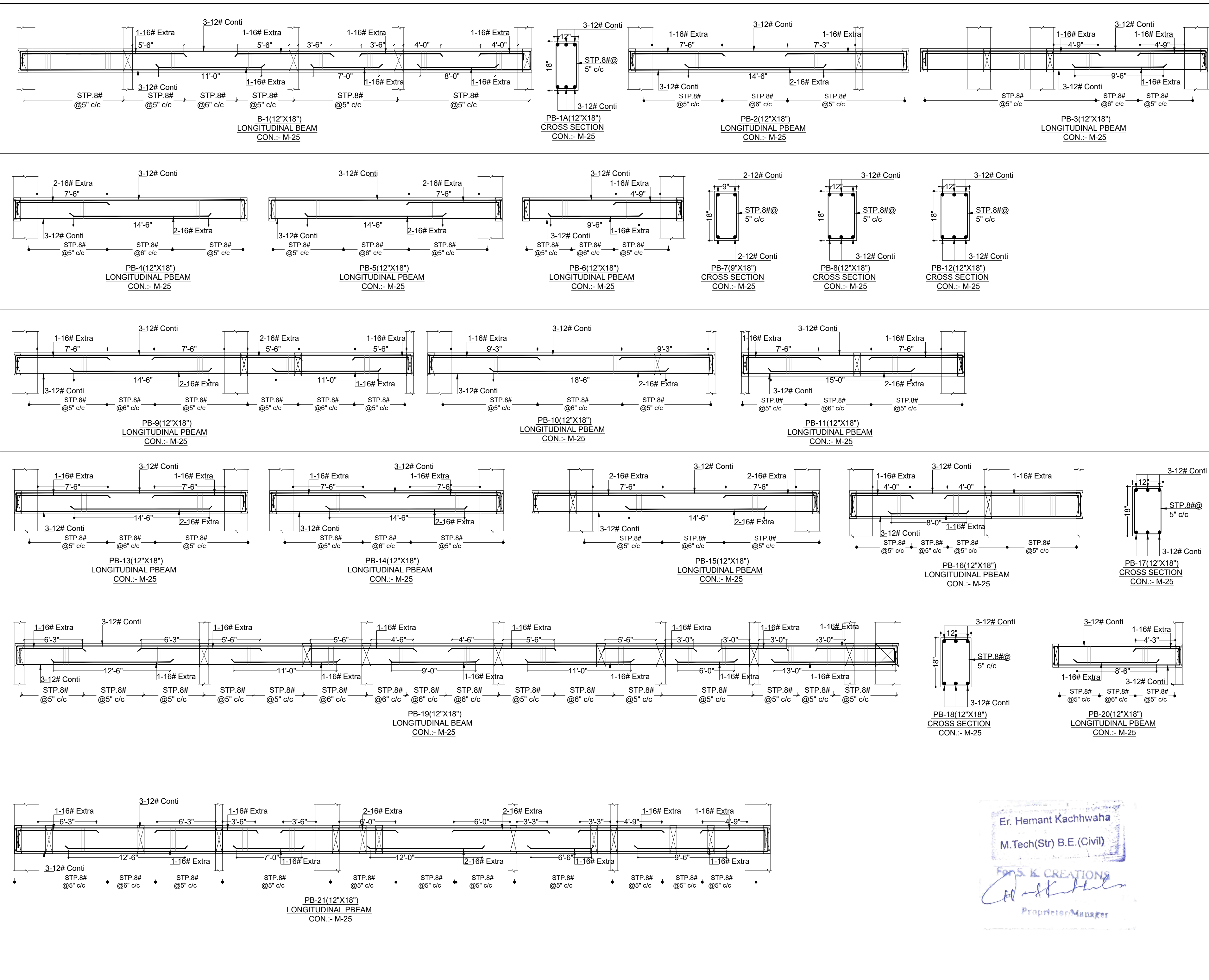
PROJECT

PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

FOUNDATION LAYOUT PLAN

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 16-09-2024       |
| REMARK:     |                  |



STRUCTURE CONSULTANT

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

EXCAVATION CHECK :-

(1). THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.

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

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

CONSTRUCTION PRACTICE :-

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

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

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

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

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

\* WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS

36 TO 48 HOURS

\* SLABS (PROPS LEFT UNDER)

3 DAYS

\* BEAM SOFFITS (PROPS LEFT UNDER)

7 DAYS

\* REMOVAL OF PROPS UNDER SLABS

-SPANNING UP TO 4500

7 DAYS

-SPANNING OVER 4500

14 DAYS

\* REMOVAL OF PROPS UNDER BEAMS

-SPANNING UP TO 6000

14 DAYS

-SPANNING OVER 6000

21 DAYS

CONCRETE :-

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

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

C3. DEVELOPMENT LENGTH FOR  $F_y = 550 \text{ N/mm}^2$  &  $415 \text{ N/mm}^2$

| 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 G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

PLINTH BEAM DETAIL-1

DRAWN BY:

DEEPAK

CHECKED BY:

HEMANT KACHHWAHA

DATE:

16-09-2024

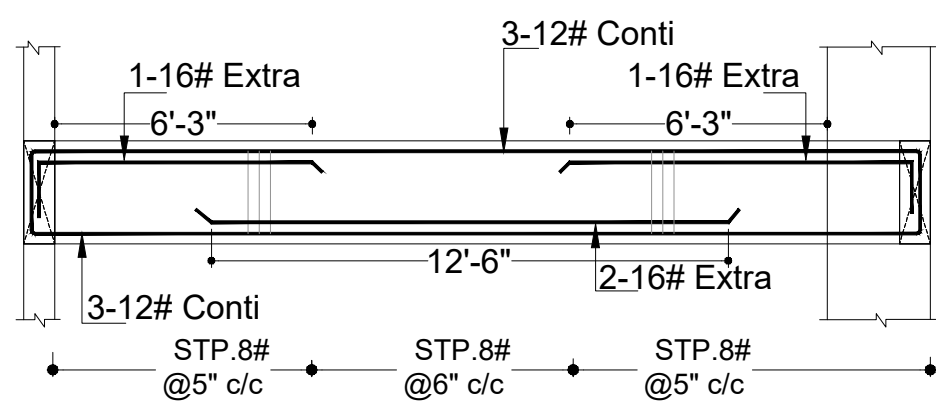
REMARK:

Er. Hemant Kachhwaha

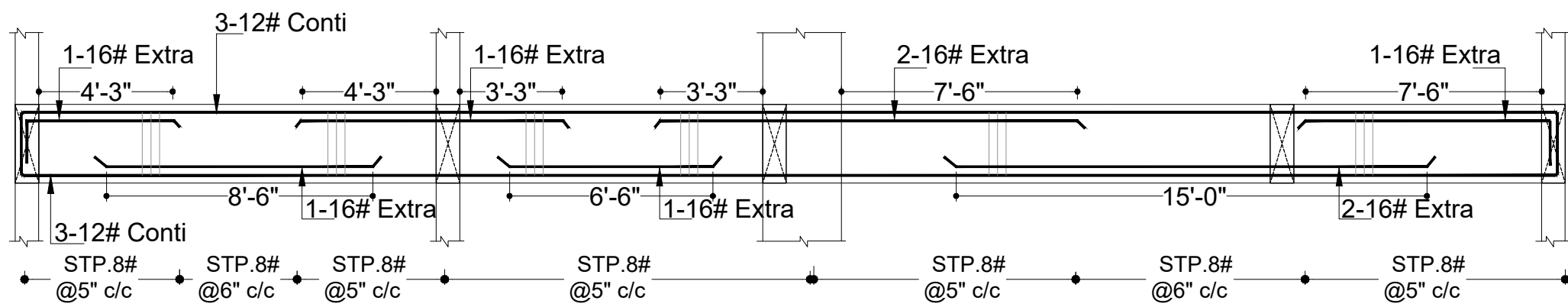
M.Tech(Str) B.E.(Civil)

FRANK SQUARE CREATIONS

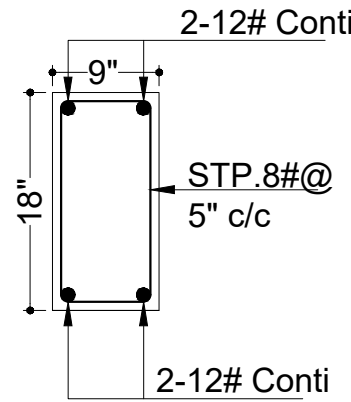
Proprietor/Manager



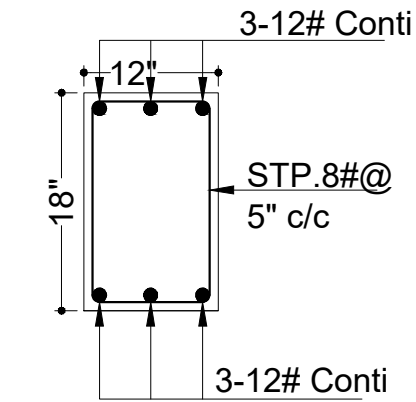
PB-22(12"X18")  
LONGITUDINAL PBEAM  
CON.:- M-25



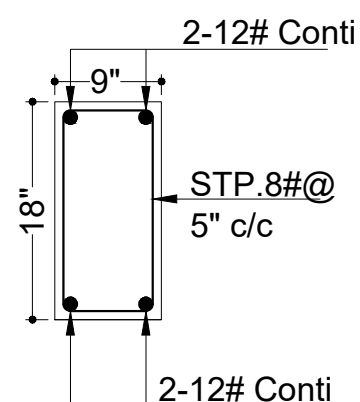
PB-23(12"X18")  
LONGITUDINAL PBEAM  
CON.:- M-25



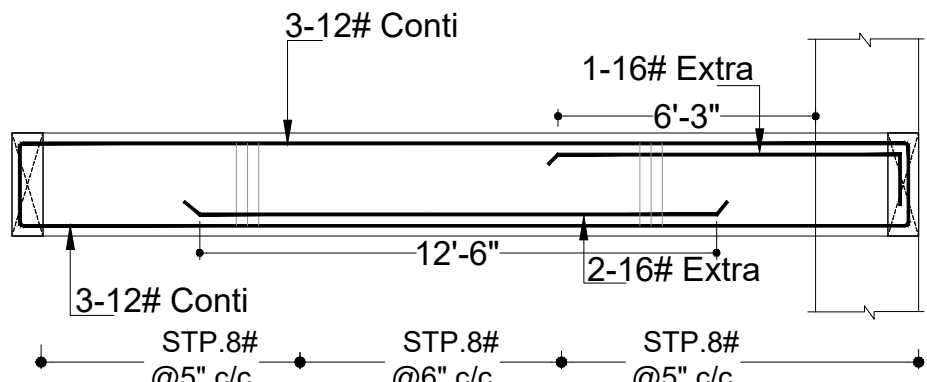
PB-24(9"X18")  
CROSS SECTION  
CON.:- M-25



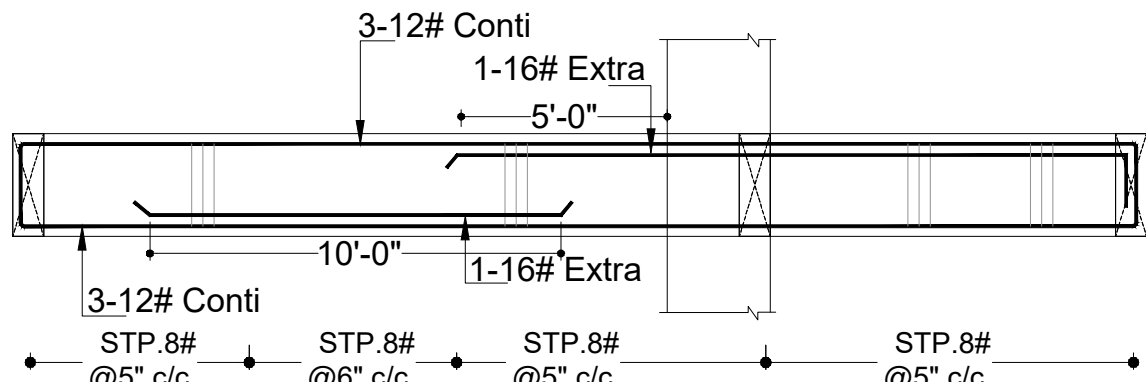
PB-25(12"X18")  
CROSS SECTION  
CON.:- M-25



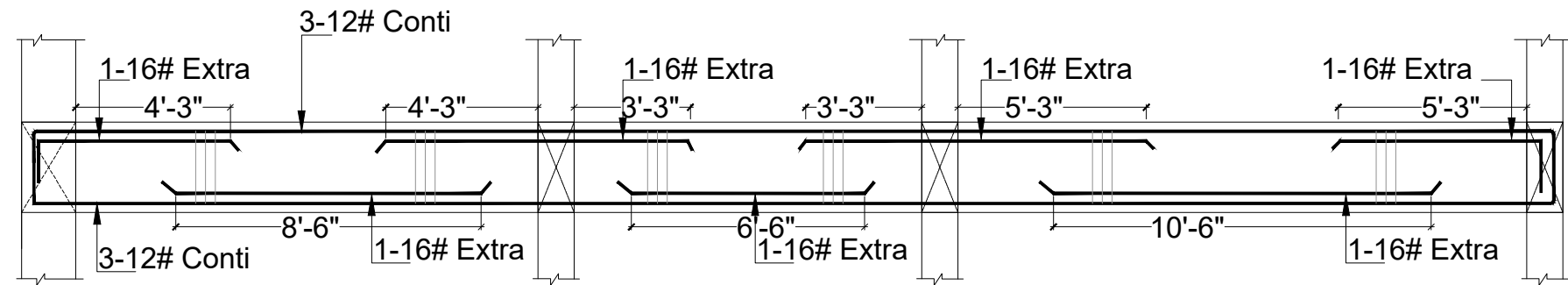
PB-26(9"X18")  
CROSS SECTION  
CON.:- M-25



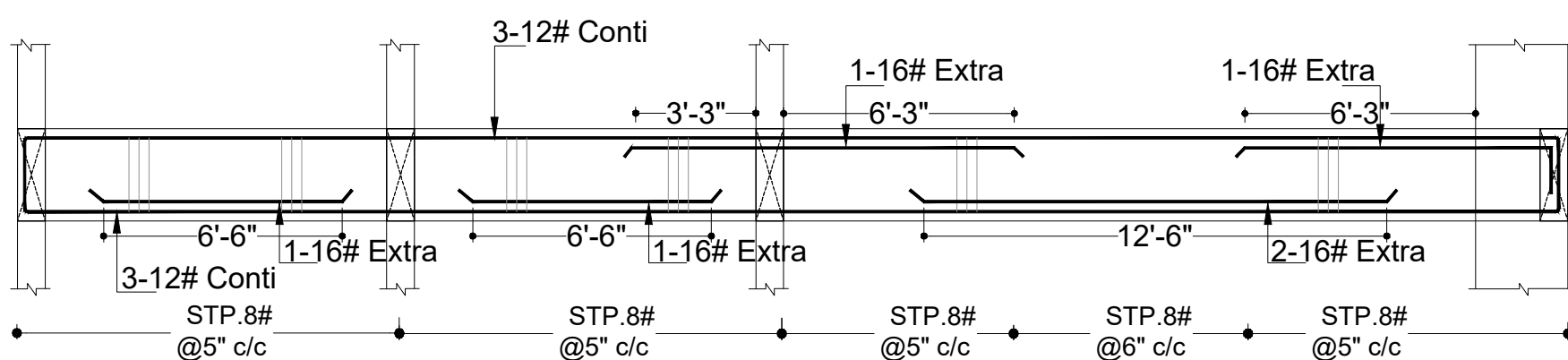
PB-27(12"X18")  
LONGITUDINAL PBEAM  
CON.:- M-25



PB-28(12"X18")  
LONGITUDINAL PBEAM  
CON.:- M-25



B-29(12"X18")  
LONGITUDINAL BEAM  
CON.:- M-25



PB-30(12"X18")  
LONGITUDINAL PBEAM  
CON.:- M-25

## STRUCTURE CONSULTANT

### S.K. CREATIONS

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## ARCHITECTS

### FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER  
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BAPU NAGAR JAIPUR, (RAJ.)  
Email-afbanksquare@gmail.com  
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## 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 G.H -30 KRISHNAM  
PEARL ESTATES, VILLAGE :- RAM  
CHANDRAPURA, TEH - SANGANER JAIPUR

## DRAWING TITLE

### PLINTH BEAM DETAIL

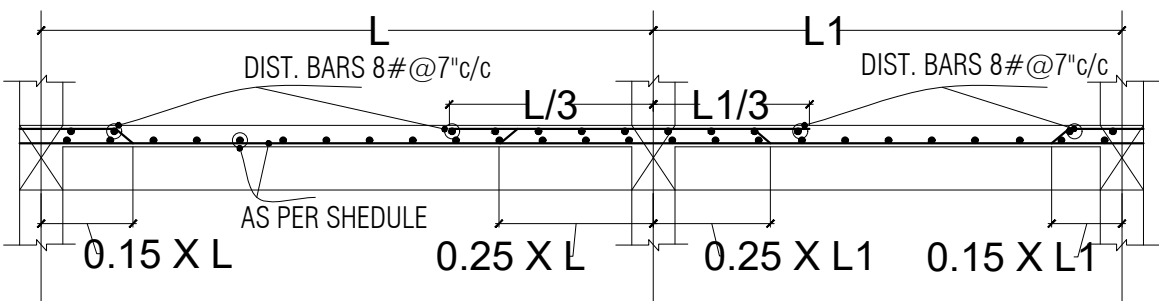
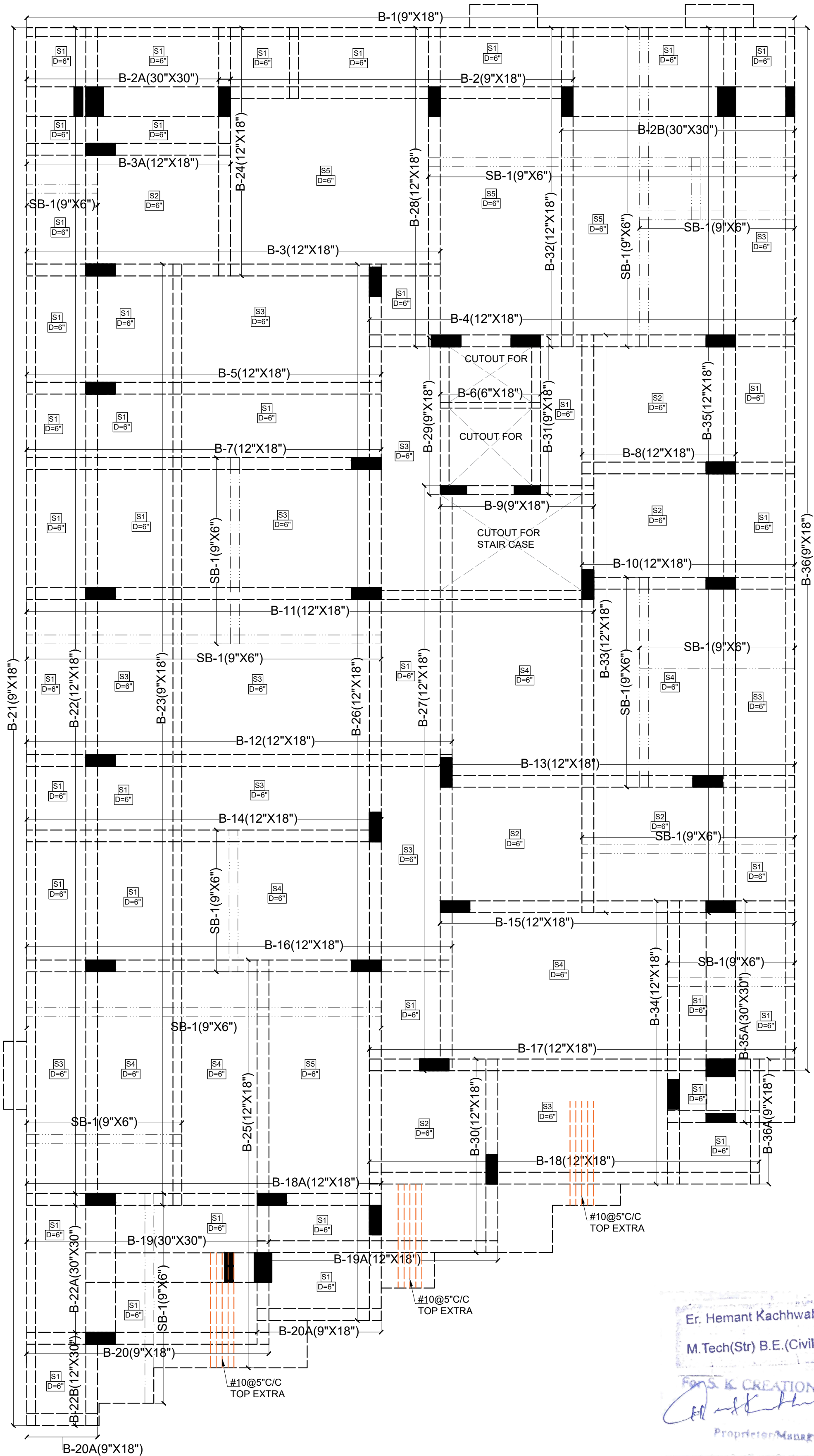
|             |                     |
|-------------|---------------------|
| DRAWN BY:   | DEEPAK              |
| CHECKED BY: | HEMANT<br>KACHHWAHA |
| DATE:       | 16-09-2024          |
| REMARK:     |                     |

Er. Hemant Kachhwaha

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

For S.K. CREATIONS

Proprietor/Manager



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@5"C/C  | #8@5"C/C  | #8@7"C/C  | 0'-6" | M-25  |
| S5       | #10@4"C/C  | #10@6"C/C | #8@7"C/C  | 0'-6" | M-25  |

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

CONSTRUCTION PRACTICE :-

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

CONCRETE :-

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

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

REINFORCING STEEL :-

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

DESIGN DATA :-

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

REVISIONS

| NO. | DATE | ISSUED TO | CKD. |
|-----|------|-----------|------|
|     |      |           |      |

PROJECT

PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

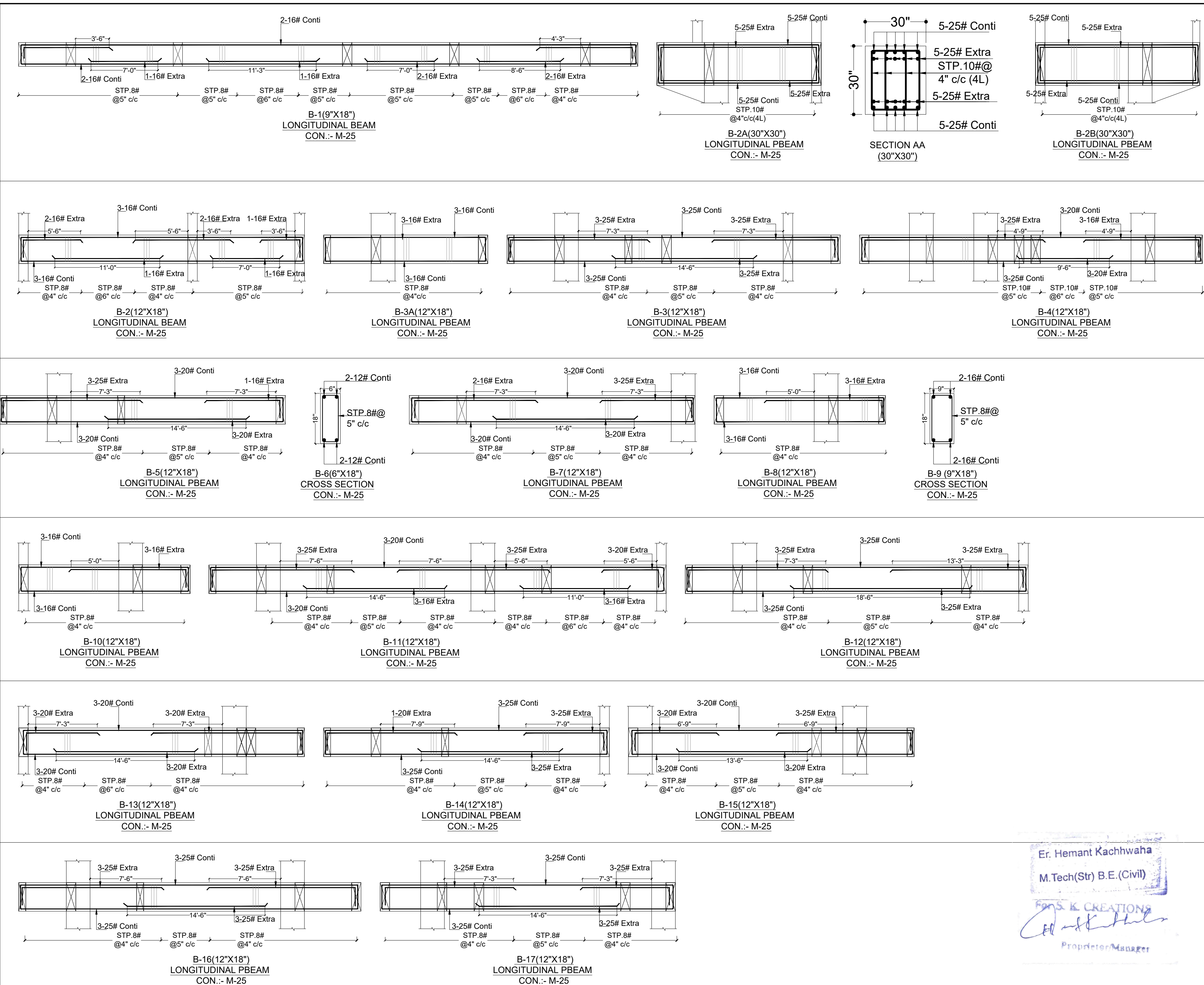
DRAWING TITLE

STILT FLOOR SHUTTERING LAYOUT PLAN

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

DATE: 25-09-2024

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  
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ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER  
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Email-afranksquare@gmail.com  
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GENERAL NOTES :-

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.  
P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.  
P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES  
P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.  
P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS

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

CONCRETE :-

C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS  
C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.  
C3. DEVELOPMENT LENGTH FOR Fy = 550 N/mm² & 415 N/mm²

CONC. GRADE

Ldt-550

Ldc-550

Ldt-415

Ldc-415

M-20

57Ø

46Ø

47Ø

38Ø

M-25

49Ø

39Ø

41Ø

33Ø

M-30

46Ø

37Ø

38Ø

31Ø

M-35

41Ø

33Ø

34Ø

27Ø

M-40

36Ø

29Ø

30Ø

24Ø

REINFORCING STEEL :-

R1. ALL 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 G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

STILT FLOOR BEAM  
DETAIL[1]

DRAWN BY:

DEEPAK

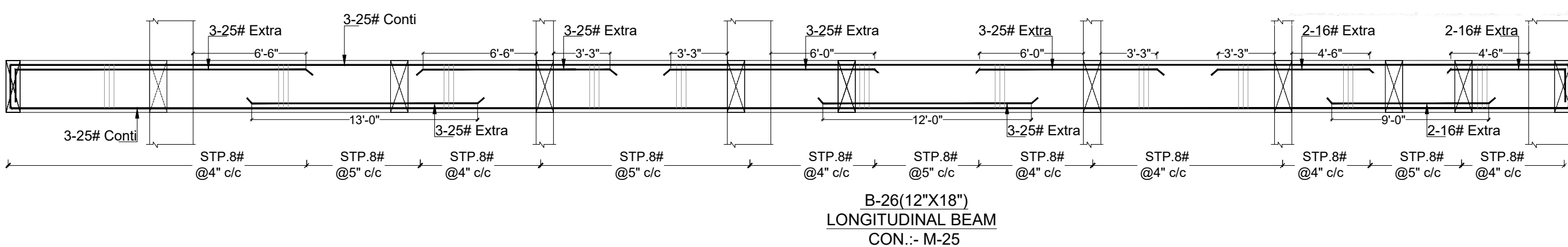
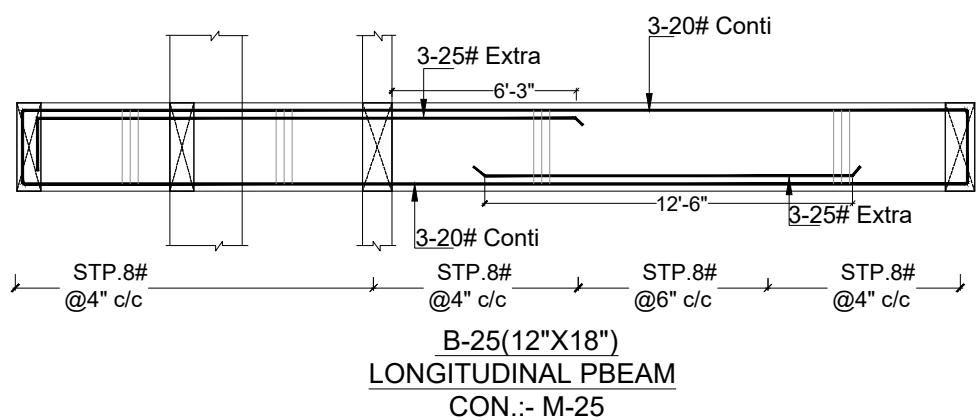
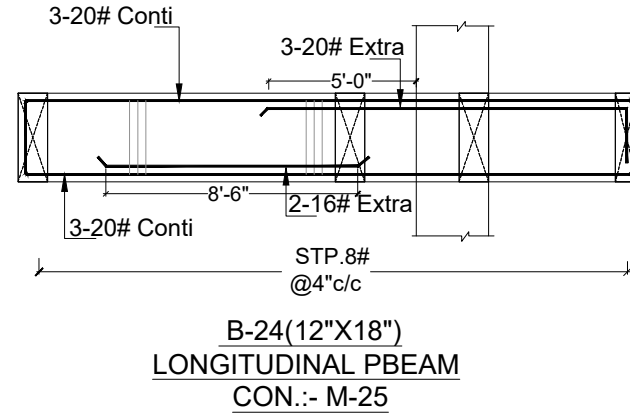
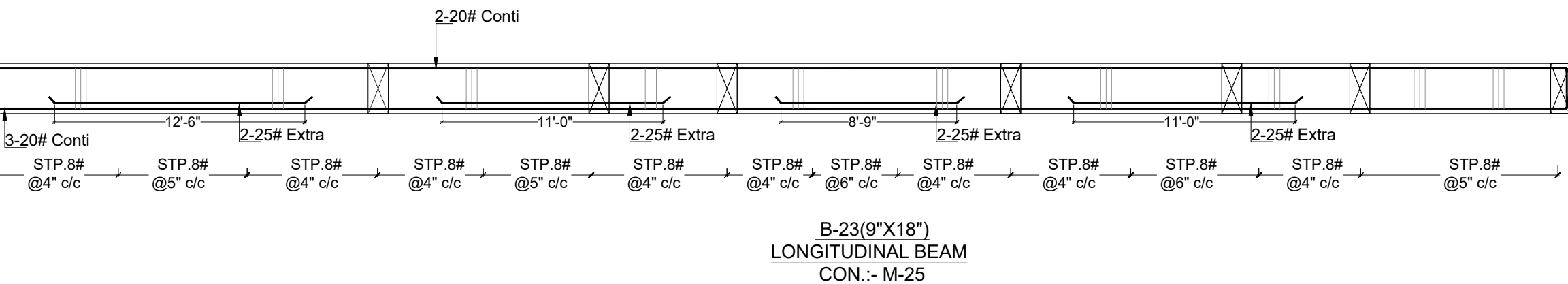
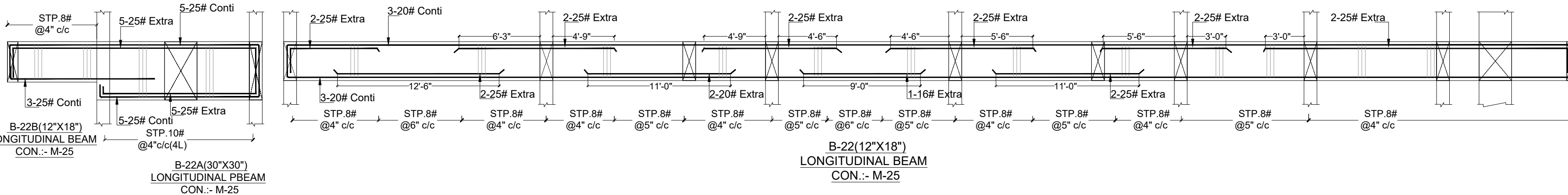
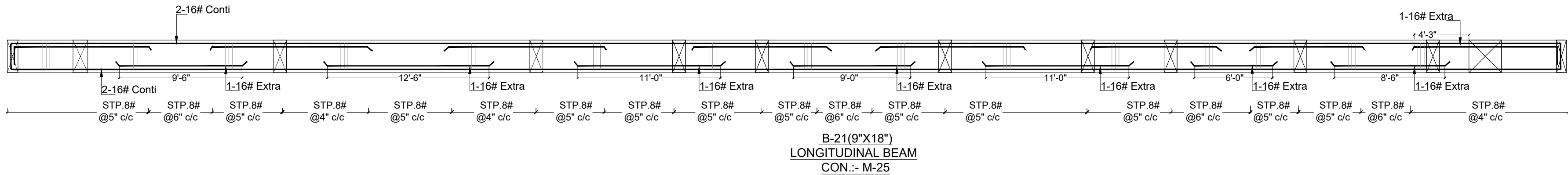
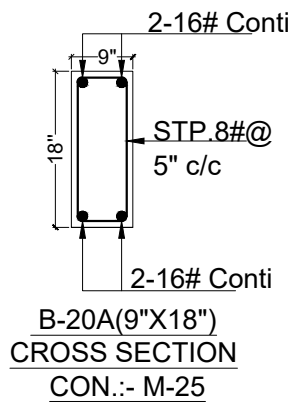
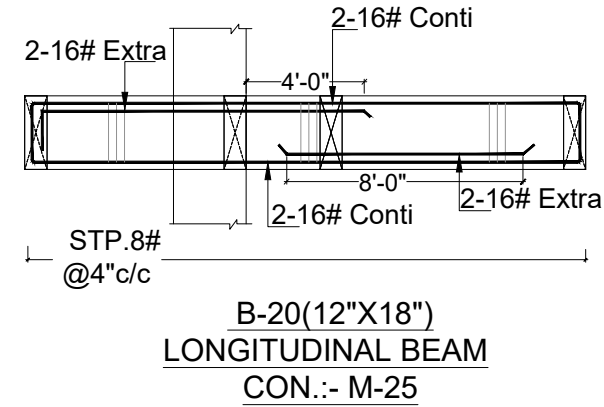
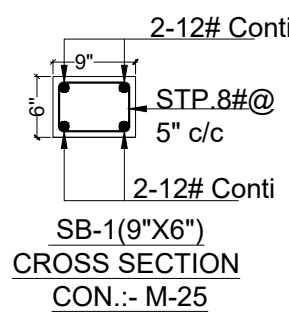
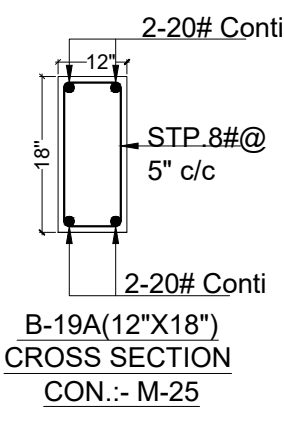
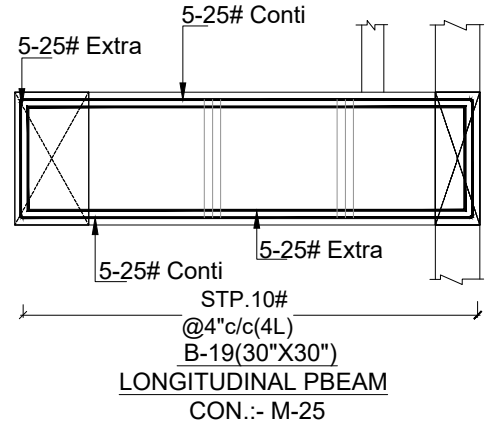
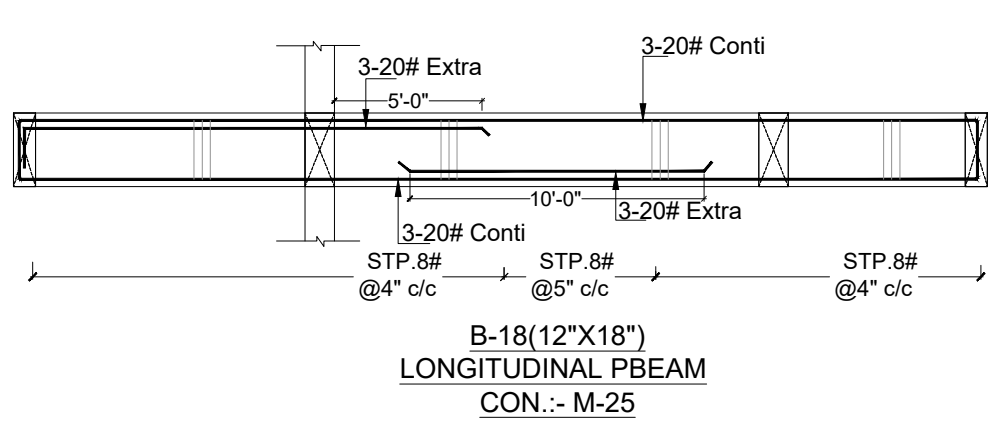
CHECKED BY:

HEMANT  
KACHHWAHA

DATE:

25.09.2024

REMARK:



## STRUCTURE CONSULTANT

### S.K. CREATIONS

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## ARCHITECTS

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Email-afranksquare@gmail.com  
Mobile-9461302542

## GENERAL NOTES :-

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

## EXCAVATION CHECK :-

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

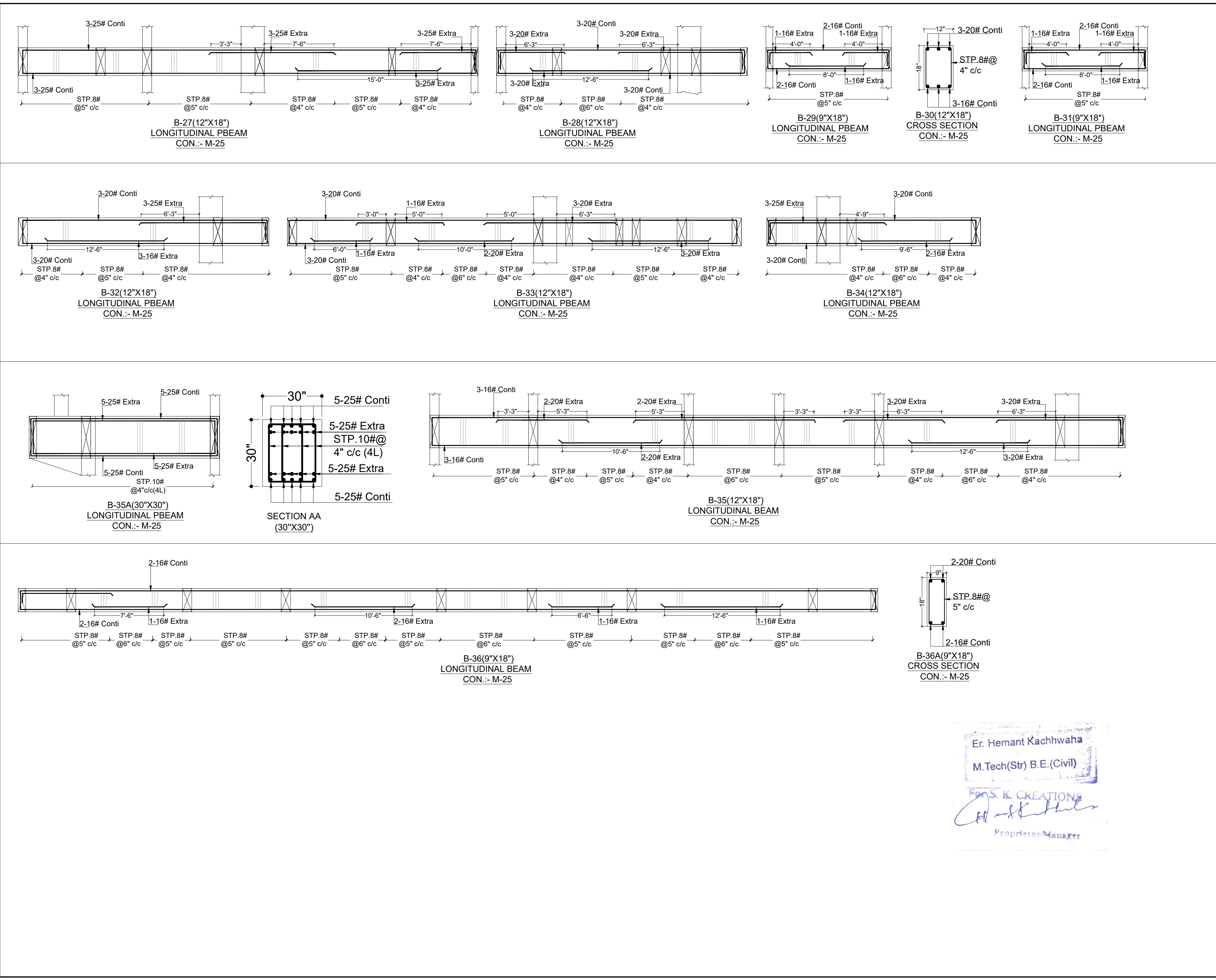
## PROJECT

PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

## DRAWING TITLE

### STILT FLOOR BEAM DETAIL[2]

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 25.09.2024       |
| REMARK:     |                  |



STRUCTURE CONSULTANT

S.K. CREATIONS

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(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  
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-SPANNING UP TO 6000 14 DAYS  
-SPANNING OVER 6000 21 DAYS

CONCRETE :-  
C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS  
C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.  
C3. DEVELOPMENT LENGTH FOR Fy = 550 N/mm² & 415 N/mm²

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

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

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

REVISIONS

| NO. | DATE | ISSUED TO | CKD. |
|-----|------|-----------|------|
|     |      |           |      |

PROJECT  
PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE  
STILT FLOOR BEAM  
DETAIL[3]

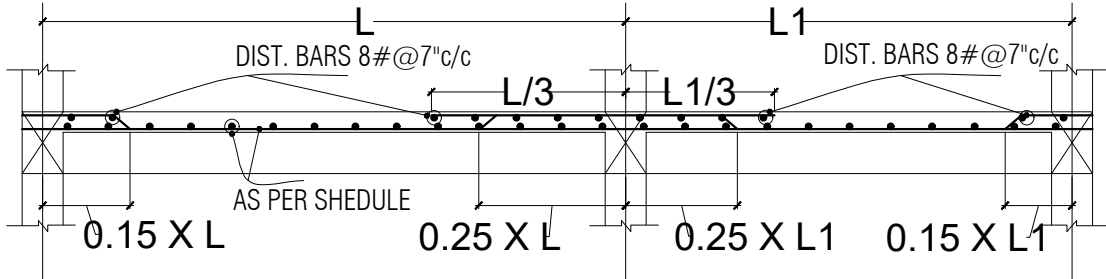
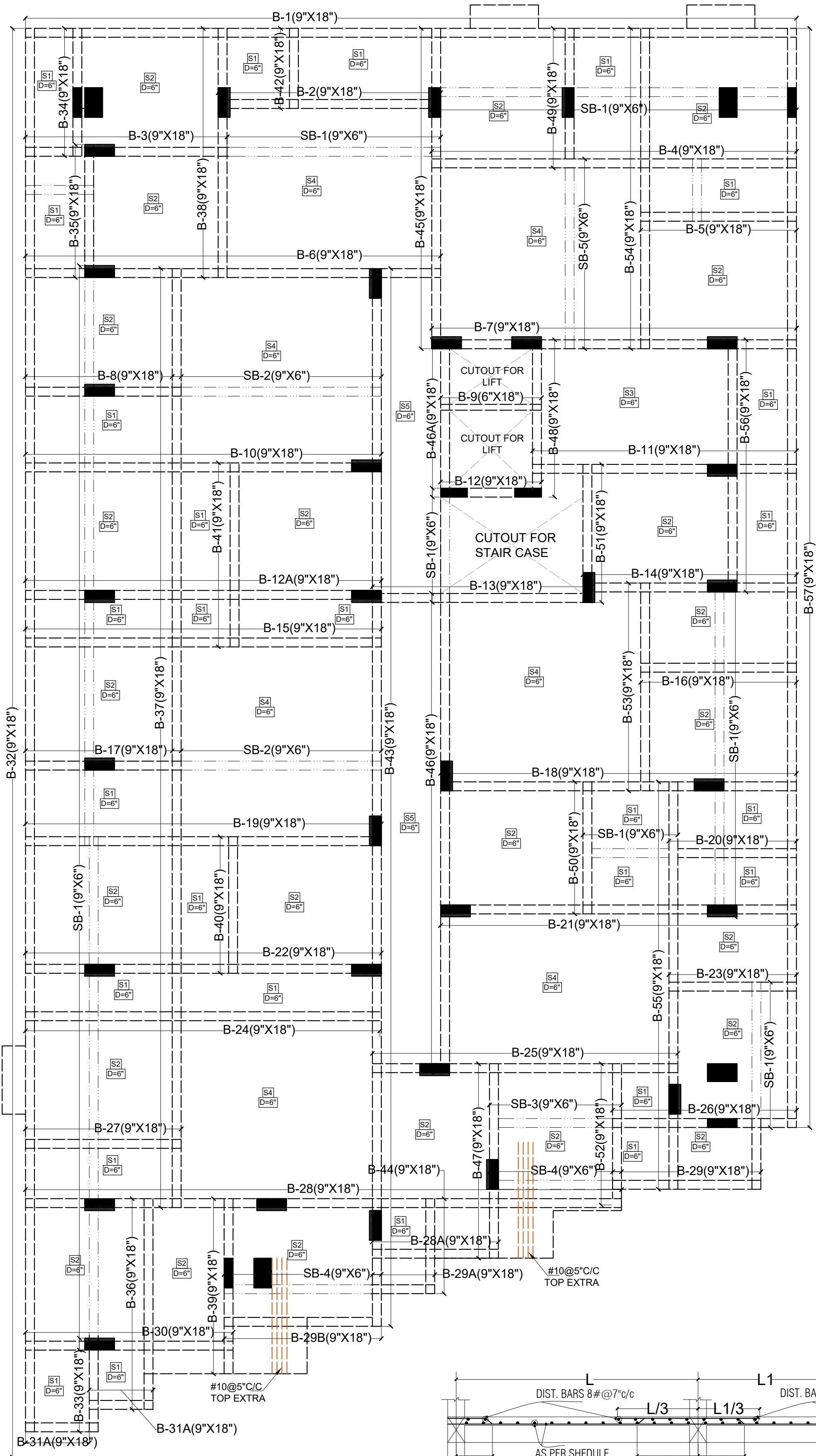
|             |                     |
|-------------|---------------------|
| DRAWN BY:   | DEEPAK              |
| CHECKED BY: | HEMANT<br>KACHHWAHA |
| DATE:       |                     |
| REMARK:     |                     |

Er. Hemant Kachwaha

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

For S.K. CREATIONS

Proprietor/Manager



TYP.BAR CURTAILMENT IN SLAB

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

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

STRUCTURE CONSULTANT

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EXCAVATION CHECK :-

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CONSTRUCTION PRACTICE :-

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  - P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
  - P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
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- |                                                    |                |
|----------------------------------------------------|----------------|
| * WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS | 36 TO 48 HOURS |
| * SLABS (PROPS LEFT UNDER)                         | 3 DAYS         |
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| * REMOVAL OF PROPS UNDER SLABS                     |                |
| -SPANNING UP TO 4500                               | 7 DAYS         |
| -SPANNING OVER 4500                                | 14 DAYS        |
| * REMOVAL OF PROPS UNDER BEAMS                     |                |
| -SPANNING UP TO 6000                               | 14 DAYS        |
| -SPANNING OVER 6000                                | 21 DAYS        |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
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| CONC. GRADE | Ldt-500 | Ldc-500 | Ldt-415 | Ldc-415 |
|-------------|---------|---------|---------|---------|
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REINFORCING STEEL :-

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| * WALLS      | 25 mm. EARTH FACE   |
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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

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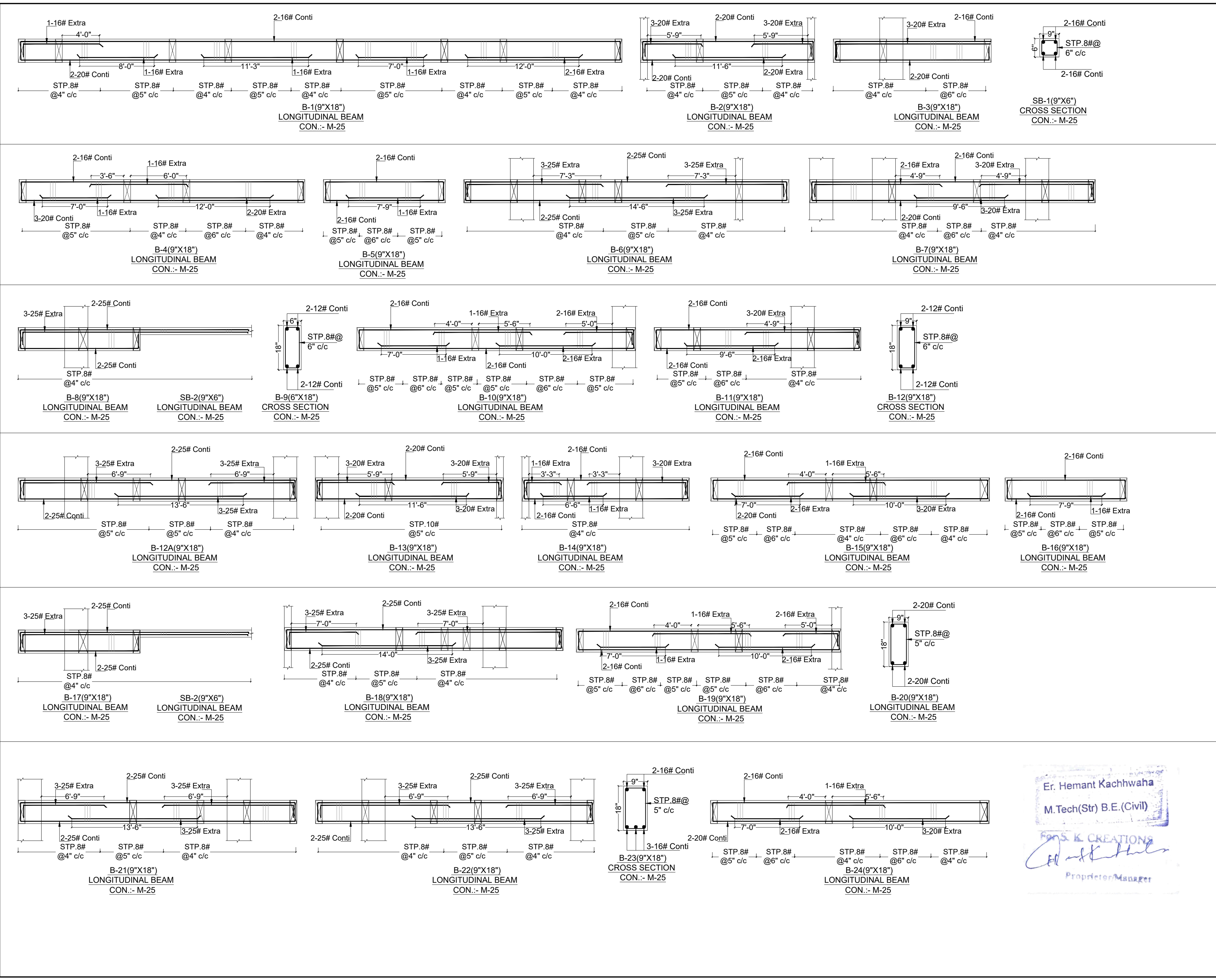
PROJECT

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DRAWING TITLE

TYPICAL FLOOR SHUTTERING LAYOUT PLAN

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 05-10-2024       |
| REMARK:     |                  |



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

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

CONSTRUCTION PRACTICE :-  
P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.  
P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.  
P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES  
P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.  
P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS  

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

CONCRETE :-  
C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS  
C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.  
C3. DEVELOPMENT LENGTH FOR Fy = 550 N/mm² & 415 N/mm²  

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

REINFORCING STEEL :-  
R1. ALL 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 G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE  
TYPICAL FLOOR BEAM DETAIL{1}

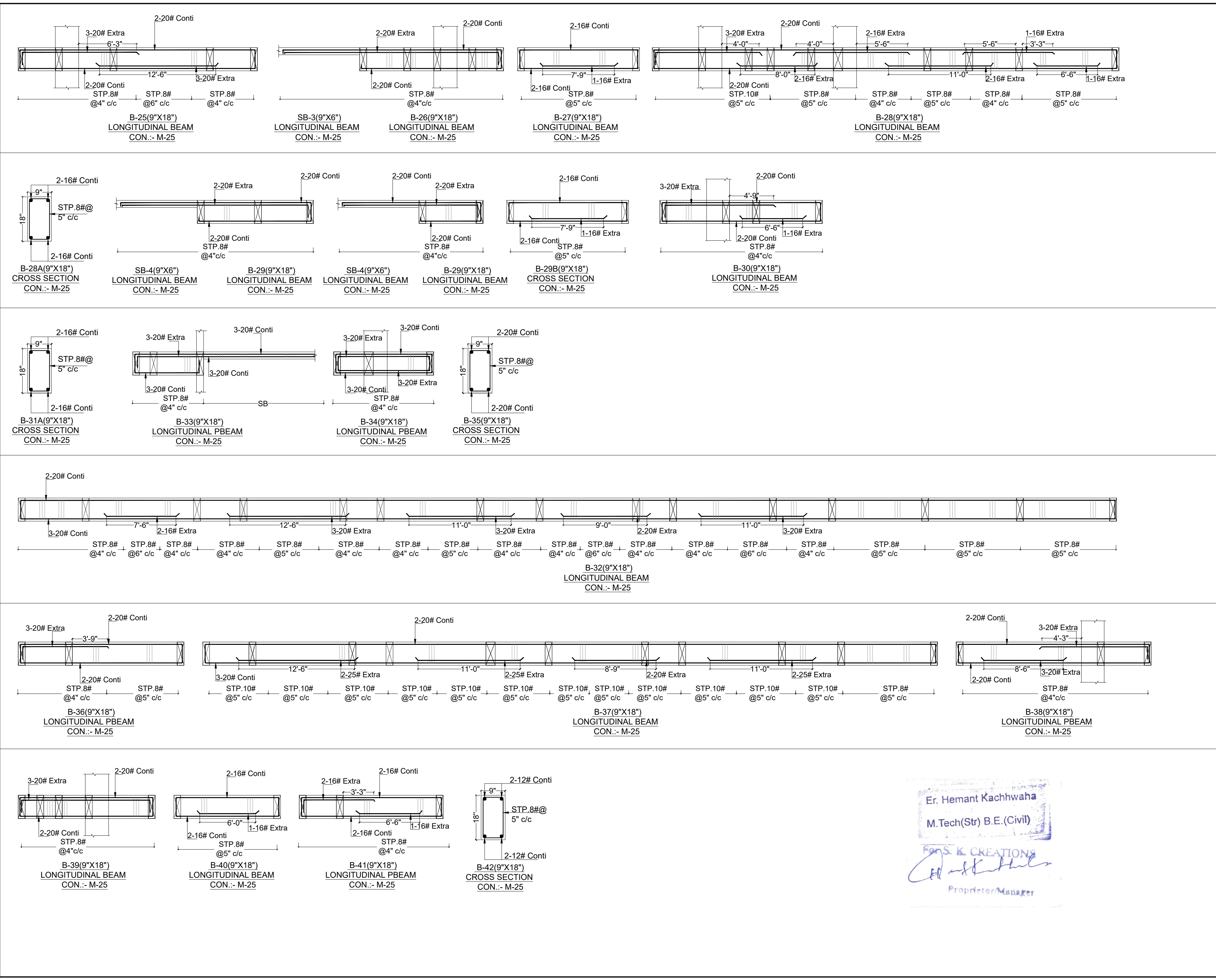
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| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 05-10-2024       |
| REMARK:     |                  |

Er. Hemant Kachhwaha

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

SK CREATIONS

Proprietor/Manager



STRUCTURE CONSULTANT

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Email-afranksquare@gmail.com  
Mobile-9461302542

GENERAL NOTES :-

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

EXCAVATION CHECK :-

(1). THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY.

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

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

C3. DEVELOPMENT LENGTH FOR  $F_y = 550 \text{ N/mm}^2$  &  $415 \text{ N/mm}^2$

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|-------------|---------|---------|---------|---------|
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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 :-

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

R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

\* FOUNDATION 50 mm. ALL AROUND

\* COLUMNS 40 mm. ALL AROUND

\* BEAMS 30 mm. ALL AROUND

\* SLABS 20 mm. TOP & BOTTOM

\* WALLS 25 mm. EARTH FACE

\* WALLS 20 mm. INNER FACE

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-

\* FOUNDATION -M-25

\* COLUMNS - AS/SCHEDULES

\* ROOF - M-25

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

REVISIONS

| NO. | DATE | ISSUED TO | CKD. |
|-----|------|-----------|------|
|     |      |           |      |

PROJECT

PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

TYPICAL FLOOR BEAM DETAIL{2}

DRAWN BY:

DEEPAK

CHECKED BY:

HEMANT KACHHWAHA

DATE:

05-10-2024

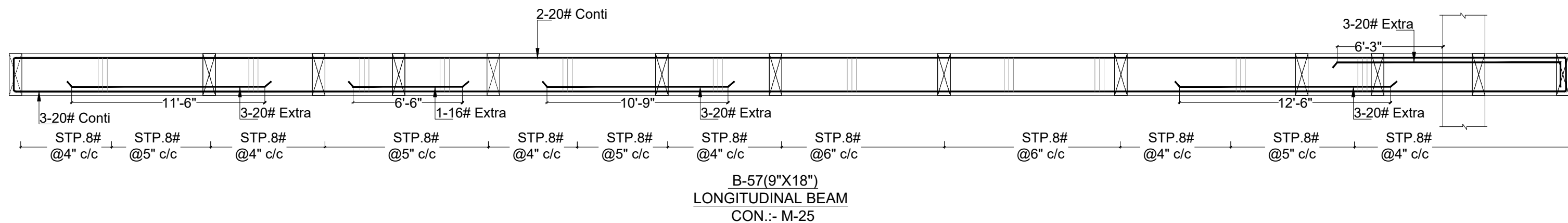
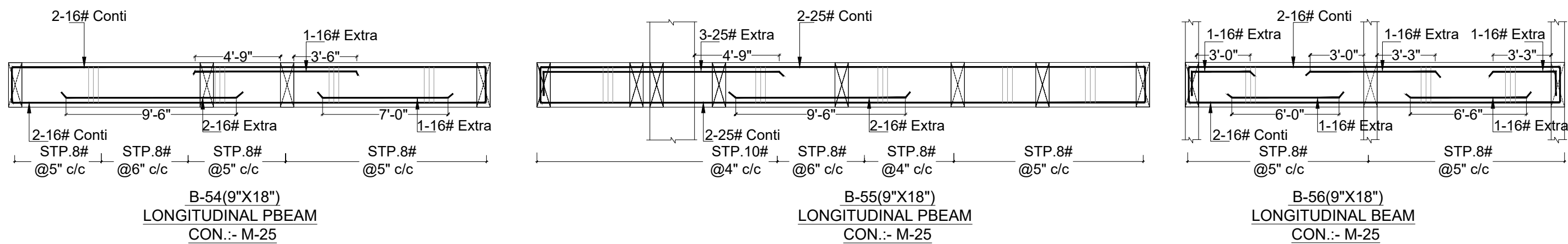
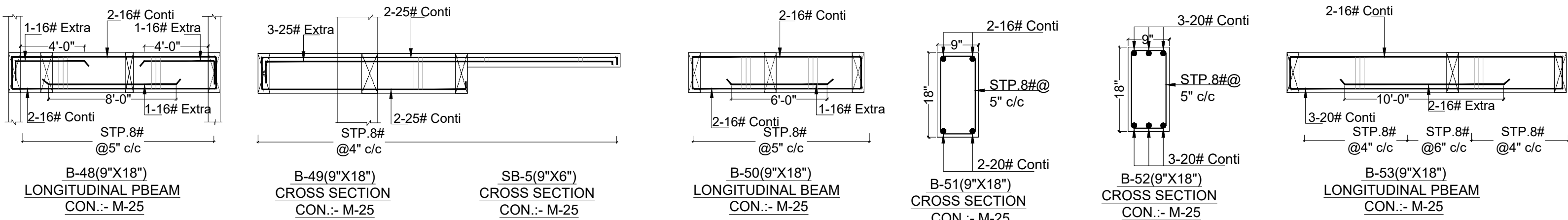
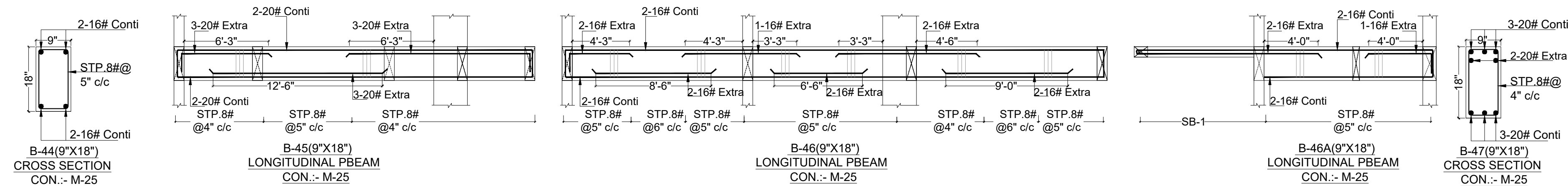
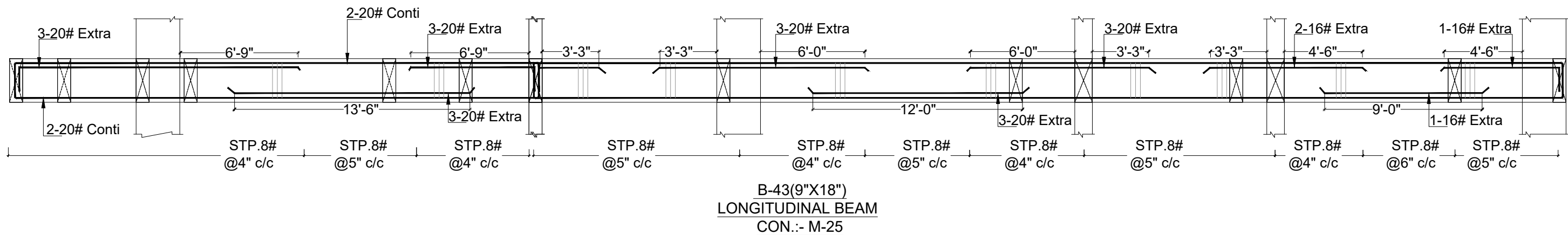
REMARK:

Er. Hemant Kachhwaha

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

FRANK SQUARE CREATIONS

Proprietor/Manager



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

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EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

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- P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL, SAND WITHOUT GRAVEL AND PEBBLES.
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- P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS
- |                                                    |                |
|----------------------------------------------------|----------------|
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| * SLABS (PROPS LEFT UNDER)                         | 3 DAYS         |
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| * REMOVAL OF PROPS UNDER SLABS                     |                |
| -SPANNING UP TO 4500                               | 7 DAYS         |
| -SPANNING OVER 4500                                | 14 DAYS        |
| * REMOVAL OF PROPS UNDER BEAMS                     |                |
| -SPANNING UP TO 6000                               | 14 DAYS        |
| -SPANNING OVER 6000                                | 21 DAYS        |

CONCRETE :-

- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
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- C3. DEVELOPMENT LENGTH FOR  $F_y = 550 \text{ N/mm}^2$  &  $415 \text{ N/mm}^2$

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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 |
| * WALLS      | 25 mm. EARTH FACE   |
| * WALLS      | 20 mm. INNER FACE   |

DESIGN DATA :-

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

REVISIONS

| NO. | DATE | ISSUED TO | CKD. |
|-----|------|-----------|------|
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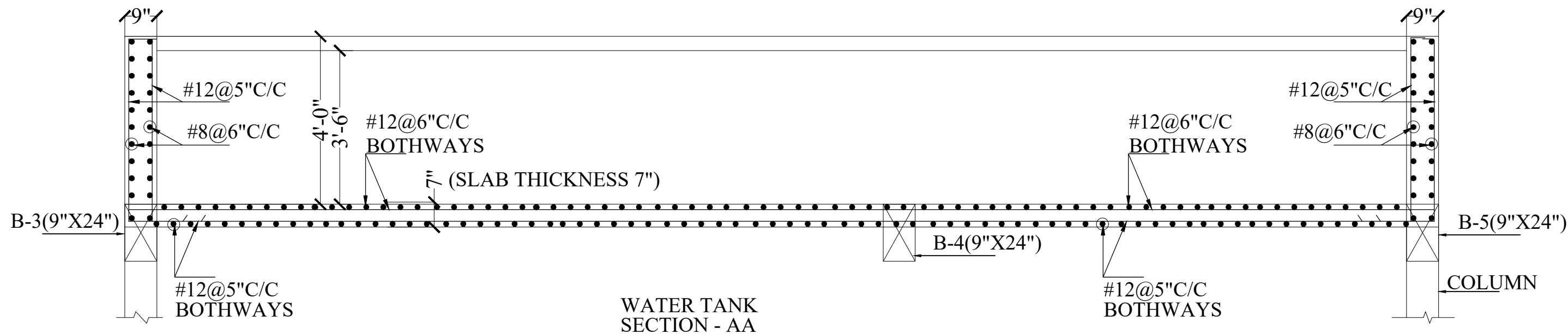
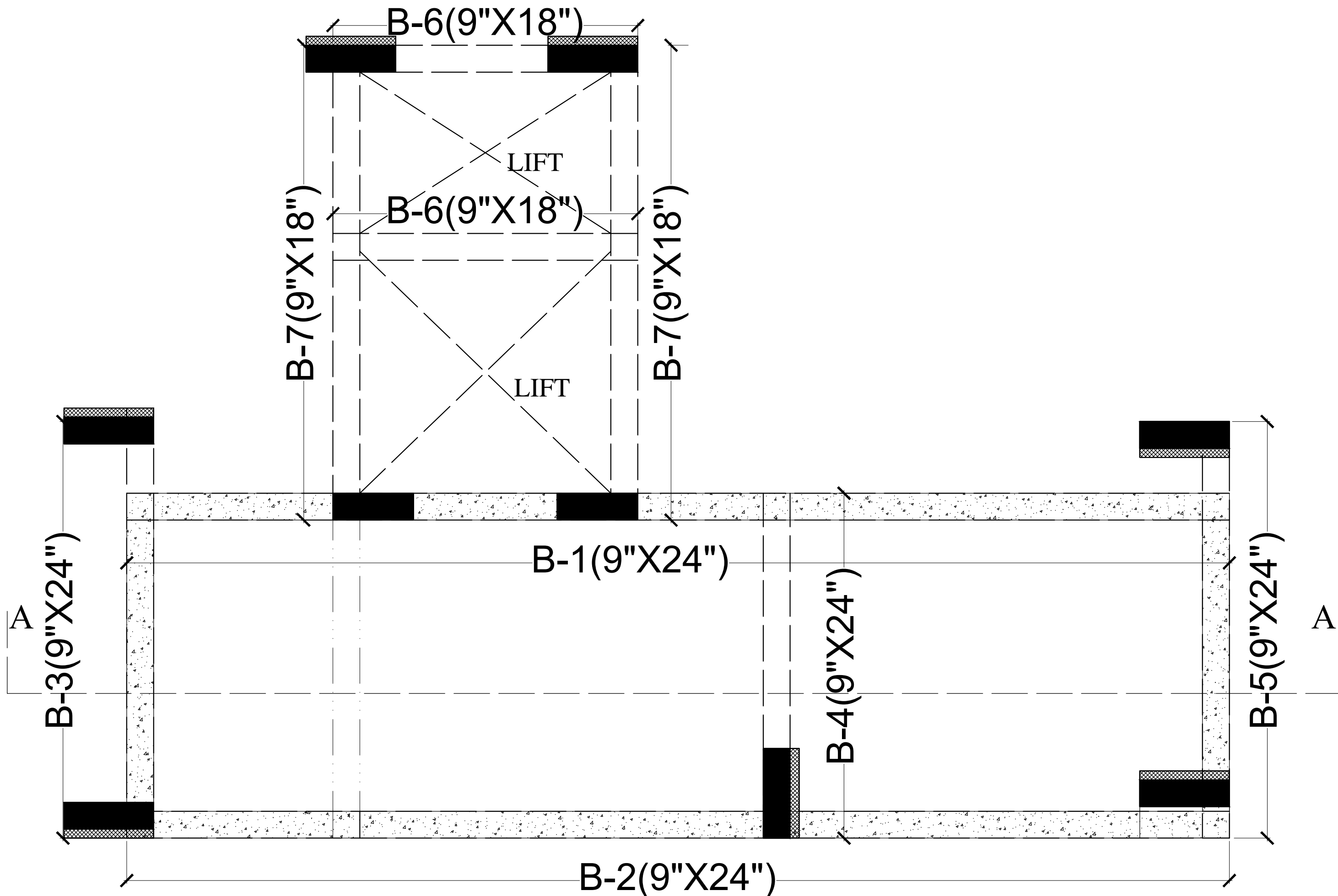
PROJECT

PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

TYPICAL FLOOR BEAM  
DETAIL{3}

|             |                  |
|-------------|------------------|
| DRAWN BY:   | DEEPAK           |
| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 05-10-2024       |
| REMARK:     |                  |



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

STRUCTURE CONSULTANT

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- P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
- P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES
- 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
- |                                                    |                |
|----------------------------------------------------|----------------|
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| * REMOVAL OF PROPS UNDER SLABS                     |                |
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CONCRETE :-

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| M-35        | 41Ø     | 33Ø     | 34Ø     | 27Ø     |
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- |              |                     |
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| * WALLS      | 25 mm. EARTH FACE   |
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- DESIGN DATA :-
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- \* FOUNDATION -M-25
  - \* COLUMNS - AS/SCHEDULES
  - \* ROOF - M-25
- (2). GRADE OF STEEL SHALL BE- FE 550D

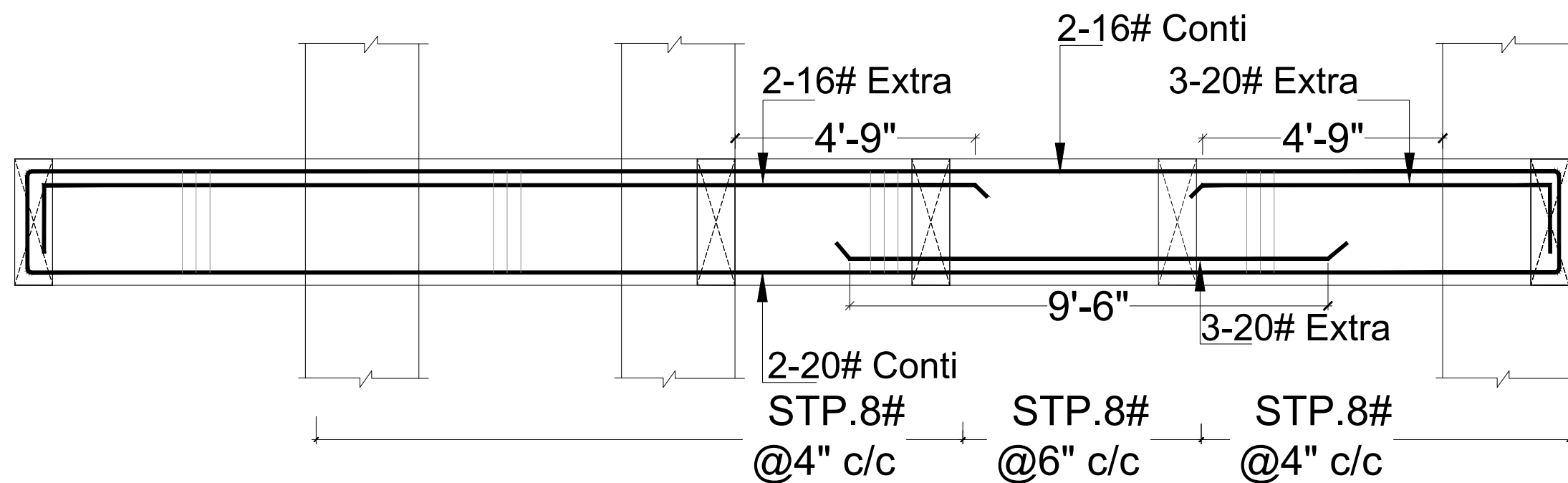
REVISIONS

| NO. | DATE | ISSUED TO | CKD. |
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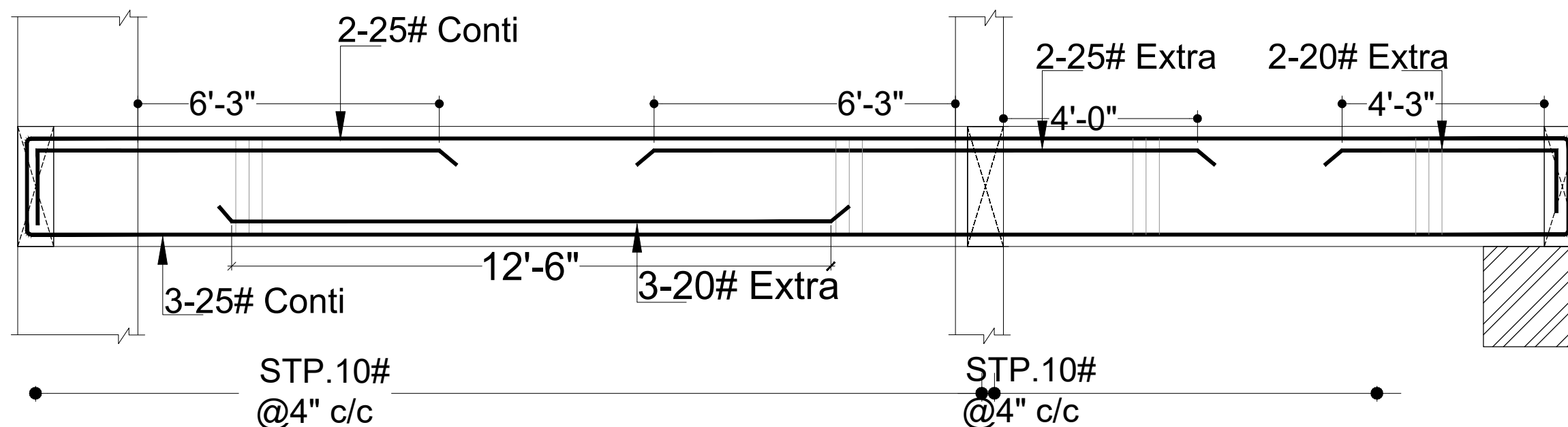
PROJECT  
PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE  
OVER HEAD WATER TANK  
ROOF SHUTTERING [BOTTOM]

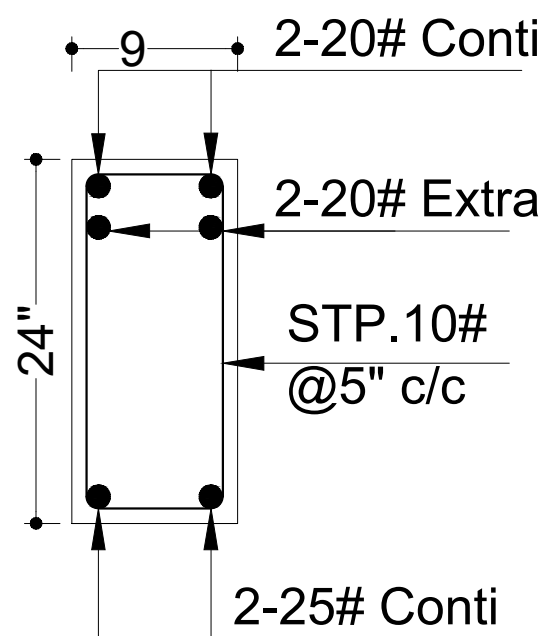
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| CHECKED BY: | HEMANT KACHHWAHA |
| DATE:       | 25.12.2024       |
| REMARK:     |                  |



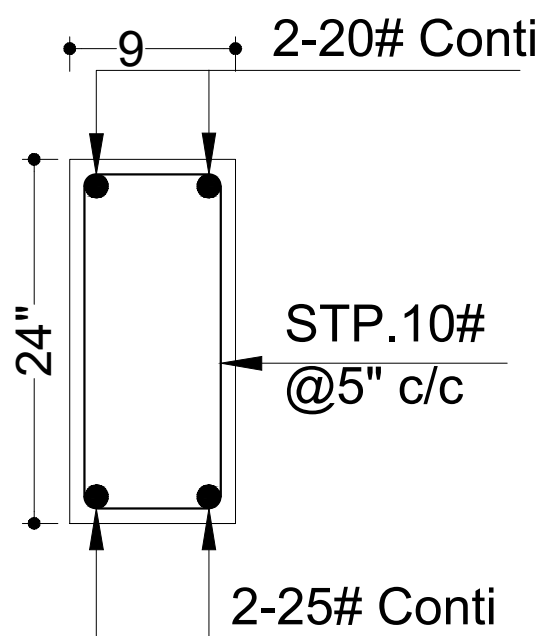
**B-1(9\"X24\")**  
**LONGITUDINAL BEAM**  
**CON:- M-25**



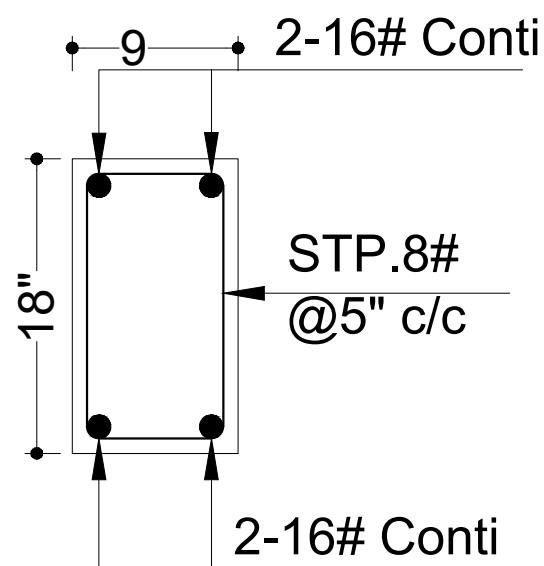
**B-2(9\"X24\")**  
**LONGITUDINAL BEAM**  
**CON:- M-25**



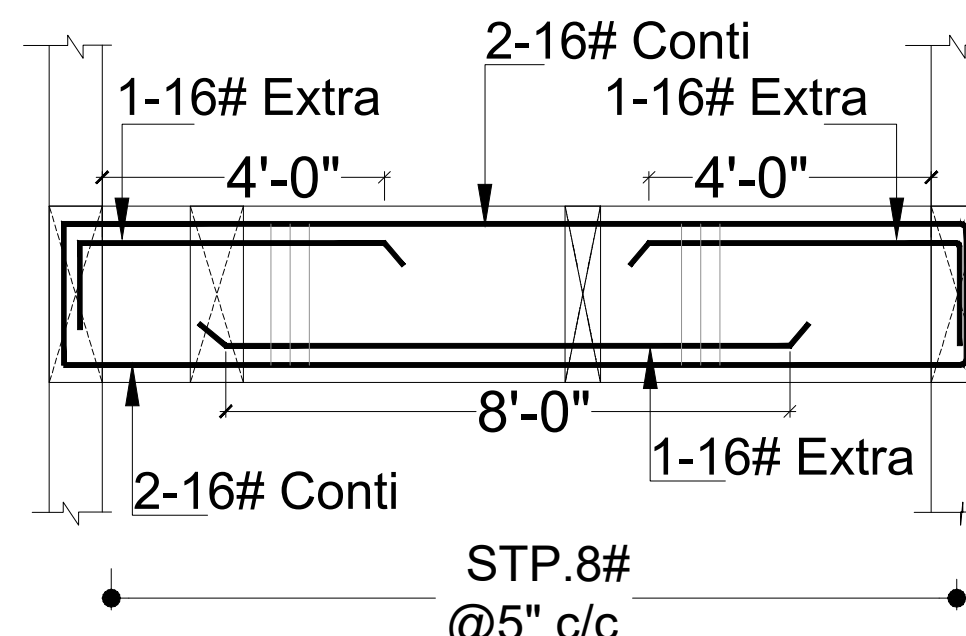
**B-4(9\"X24\")**  
**CROSS SECTION**  
**CON:- M-25**



**B-5(9\"X24\")**  
**CROSS SECTION**  
**CON:- M-25**

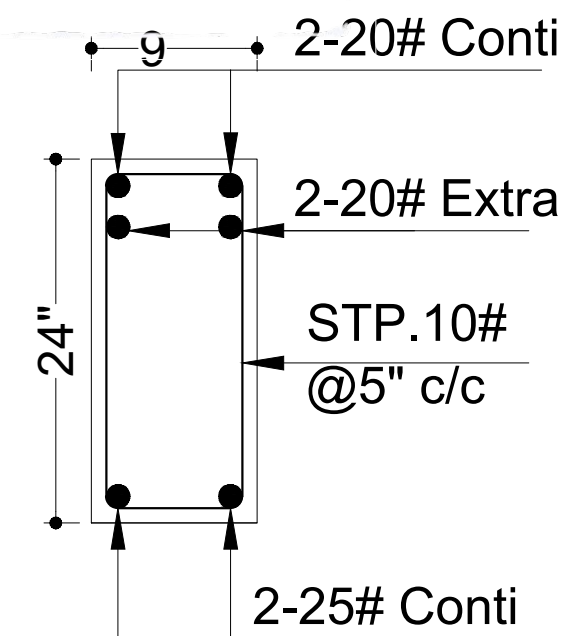


**B-6(9\"X18\")**  
**CROSS SECTION**  
**CON:- M-25**



**B-7(9\"X18\")**  
**LONGITUDINAL PBEAM**  
**CON:- M-25**

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



**B-3(9\"X24\")**  
**CROSS SECTION**  
**CON:- M-25**

STRUCTURE CONSULTANT

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

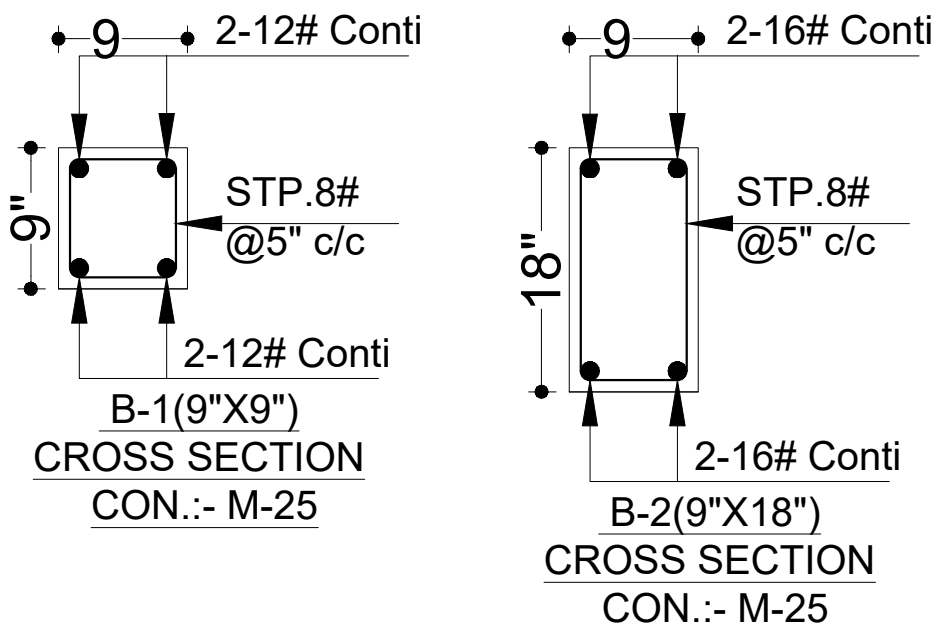
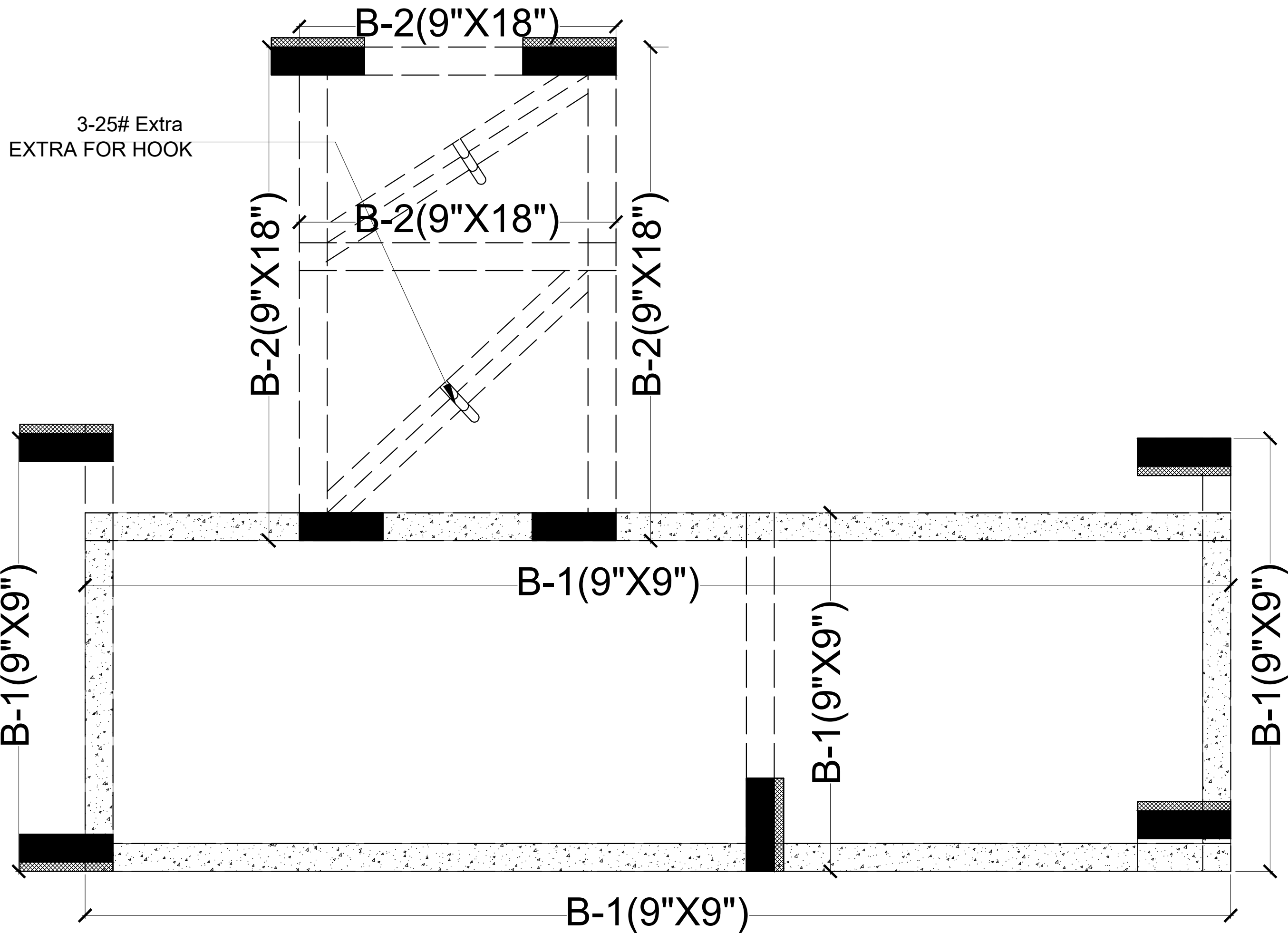
PROPOSED BUILDING AT G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

OVER HEAD WATER TANK  
BEAM DETAIL[BOTTOM]

DRAWN BY: DEEPAK  
CHECKED BY: HEMANT KACHHWAHA

DATE: 25.12.2024  
REMARK:



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

NOTES:-

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

R.C.C. SLAB DETAILS:-

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

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
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- |              |                     |
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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 G.H -30 KRISHNAM PEARL ESTATES, VILLAGE :- RAM CHANDRAPURA, TEH - SANGANER JAIPUR

DRAWING TITLE

OVER HEAD WATER TANK  
ROOF SHUTTERING [TOP]

DRAWN BY: DEEPAK

CHECKED BY: HEMANT KACHHWAHA

DATE: 25.12.2024

REMARK: