

STRUCTURE CONSULTANT
S.K. CREATIONS
57, GAYTRI NAGAR, DURGAPURA, JAIPUR
(RAJASTHAN) 302018
Email: skcreations14@gmail.com
MO: +91-9851188755

ARCHITECTS
FRANK SQUARE
C-49 VIDYA APARTMENT PARAS MARG
BAPU NAGAR JAIPUR, (RAJ.)
Email: afranksquare@gmail.com
Mobile: 9461305452

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) NO WORKMANSHIP SHALL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR

EXCAVATION CHECK :-
(1) THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY
(2) THE SOIL SHOULD NOT BE SUBJECT TO LIQUEFACTION DUE TO EARTHQUAKES
(3) THE SOIL SHOULD NOT BE SUBJECT 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 GRADUAL FIBRILS
P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS REMOVED. HAND RAMPING SHALL BE CARRIED OUT AT LEAST 8 TO 10 PASSES
P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DISRUPTED
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 (PROPS LEFT UNDER) 7 DAYS
* REMOVAL OF PROPS UNDER SLABS
SPANNING UP TO 4000 7 DAYS
SPANNING OVER 4000 14 DAYS
* REMOVAL OF PROPS UNDER BEAMS
SPANNING UP TO 5500 14 DAYS
SPANNING OVER 5500 21 DAYS

CONCRETE :-

C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-20 FOR OTHERS
C2. ALL RCC WORK SHALL BE CARRIED OUT AS PER IS-456:2000
C3. DEVELOPMENT LENGTH FOR $F_y = 550$ N/mm² & 415 N/mm²

CONC. GRADE	(L-550)	(L-550)	(L-415)	(L-415)
M-25	570	600	470	500
M-20	480	510	410	440
M-35	480	510	380	410
M-30	410	440	340	370
M-40	380	410	310	340

REINFORCING STEEL :-
R1. ALL REINFORCEMENT STEEL SHALL BE OF TESTED QUALITY CONFORMING TO IS 1786:2008
R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 500 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 EXTERIOR FACE
20 mm INTERIOR FACE

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

REVISIONS

NO.	DATE	ISSUED TO	CHKD.

PROJECT
PROPOSED BUILDING AT
PLOT NO. E-85/1(W.P.) & E-85
JAGDAMBA NAGAR-E, JAIPUR

DRAWING TITLE
FOUNDATION LAYOUT PLAN

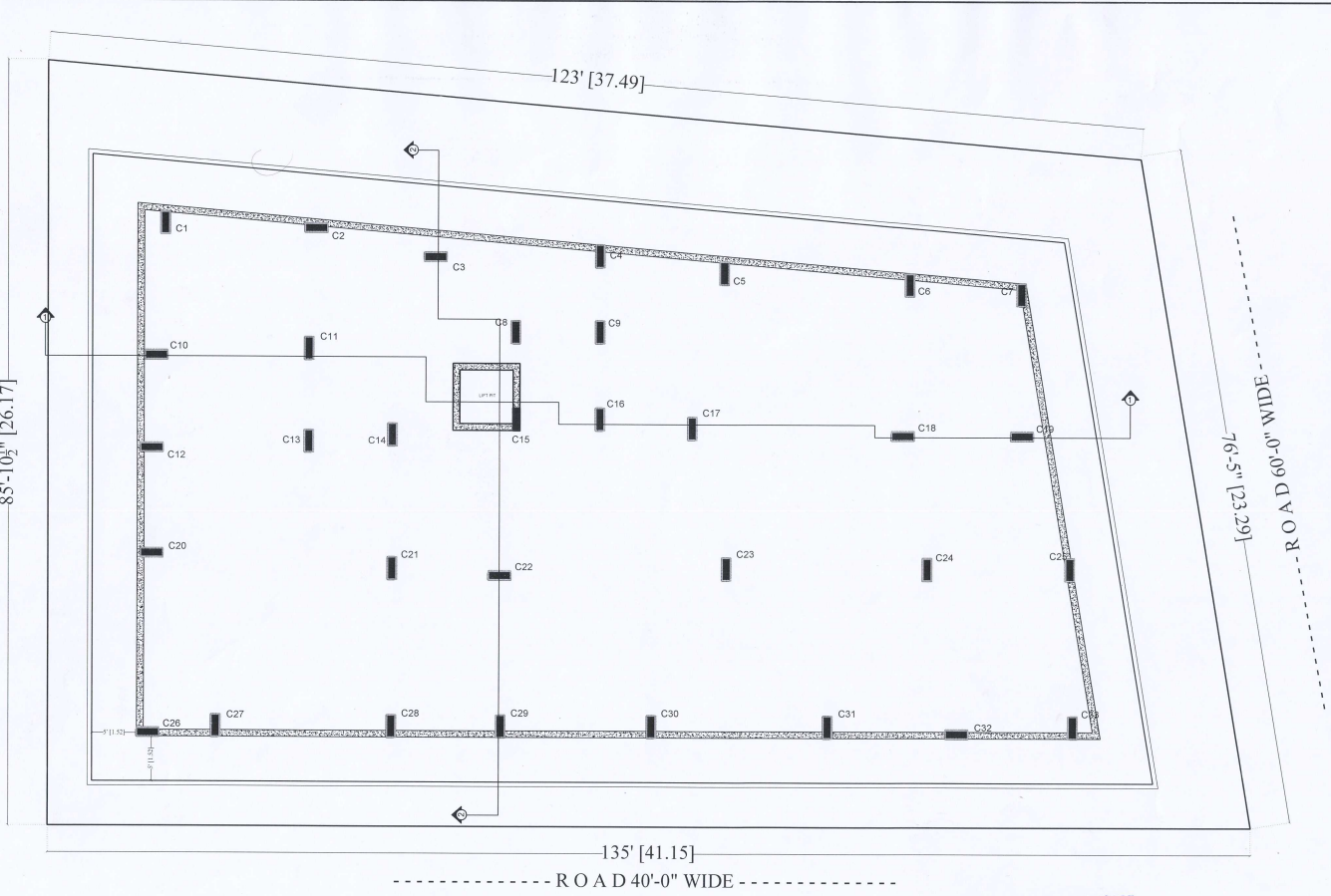
DRAWN BY: DEEPAK
CHECKED BY: HEMANT KACHHWAHA

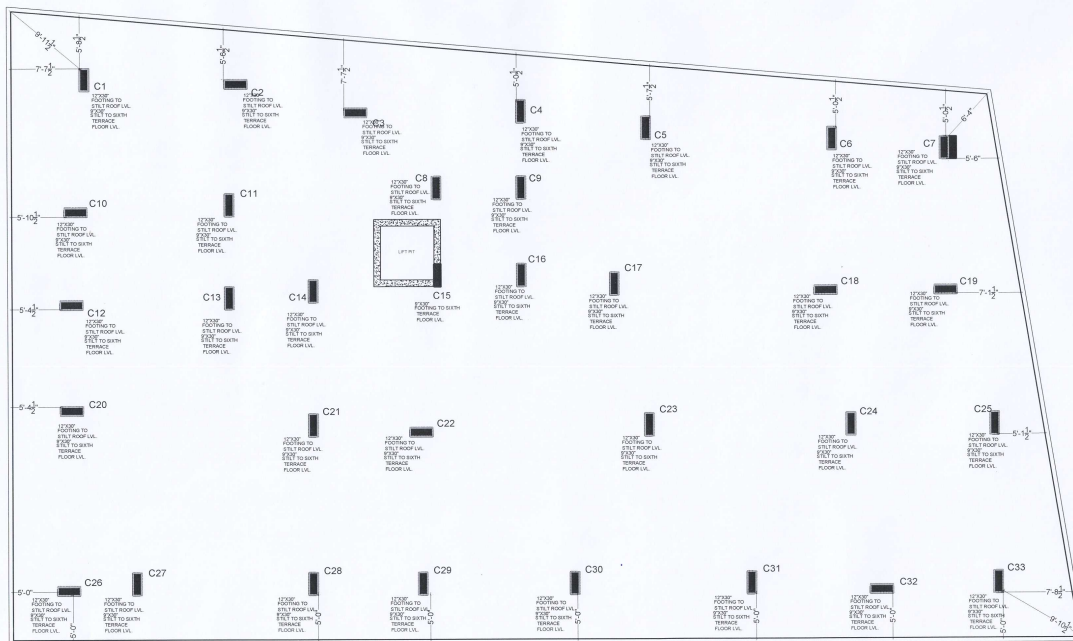
DATE: 17-08-2023

REMARK:

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

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

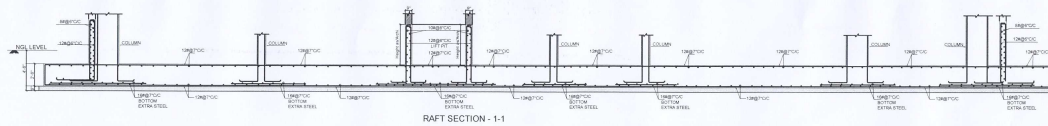




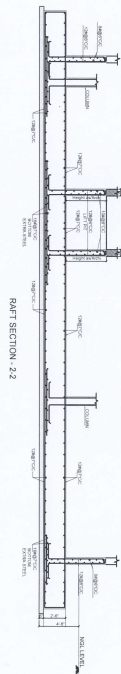
For S. K. CREATIONS

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

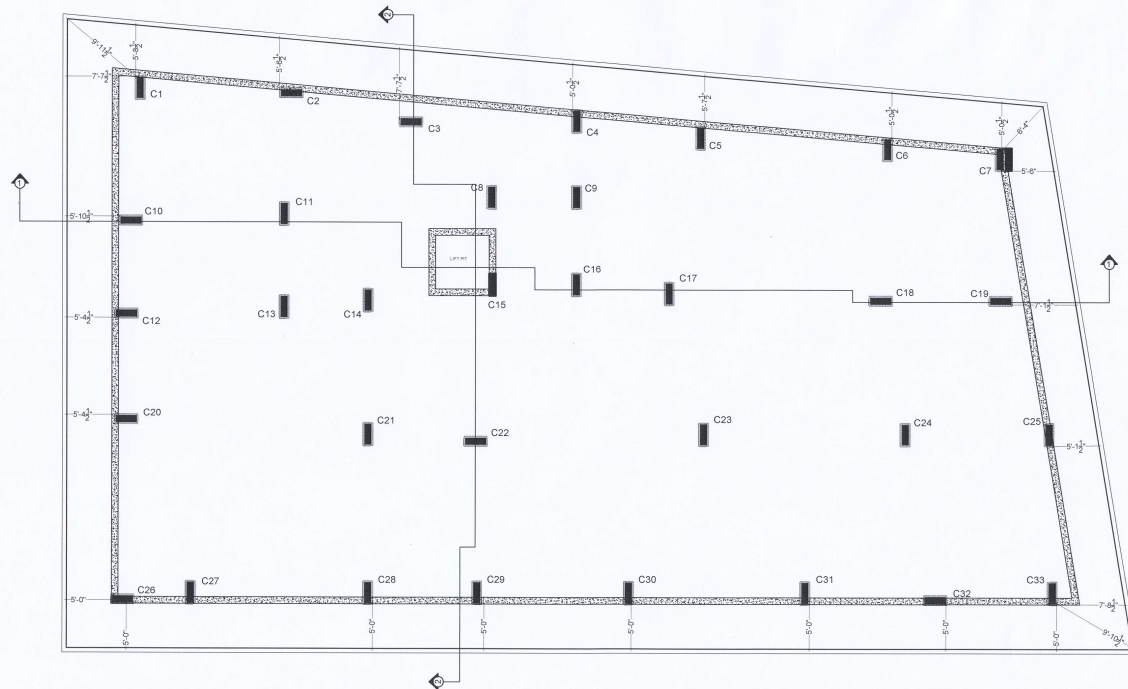
STRUCTURE CONSULTANT S.K. CREATIONS 87, GAYTRI NAGAR, DURGAPURA, JAIPUR (RAJASTHAN 302018) Email: skcreationsindia@gmail.com MO: +91-9351588735																															
ARCHITECTS FRANK SQUARE C-49 VIDYA APARTMENT, PARAMARG, BAPU NAGAR JAIPUR, (RAJ.) Email: franksquare@gmail.com Mobile: +91 972342																															
GENERAL NOTES :- (1) DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSIONS ONLY. (2) ANY DISCREPANCY IN THE DRAWING SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF ARCHITECT, PRIOR TO THE CONSTRUCTION. (3) BAD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.																															
EXCAVATION CHECK :- (1) THE PROPER SOIL INVESTIGATION HAS BEEN CARRIED OUT FOR DETERMINING THE SAFE BEARING CAPACITY. (2) THE SOIL SHOULD NOT LIABLE TO LIQUEFACTION DUE TO EARTHQUAKES. (3) THE SOIL SHOULD NOT LIABLE TO LANDSLIDE HAZARD.																															
CONSTRUCTION PRACTICE :- P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED. P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL SAND WITHOUT GRAVEL AND PEBBLES. P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS READY. HAND RAINING SHALL BE CARRIED OUT WITH AT LEAST 8 TO 10 PASSES. P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPTED. P5. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIOD: * WALLS, COLUMNS AND VERTICAL FACES OF ALL MEMBERS 36 TO 48 HOURS * SLABS (PROPS LEFT UNDER) 7 DAYS * BEAM SOFFITS (PROPS LEFT UNDER) 7 DAYS * REMOVAL OF PROPS UNDER SLABS - SPANNING UP TO 4000 7 DAYS - SPANNING OVER 4000 14 DAYS * REMOVAL OF PROPS UNDER BEAMS - SPANNING UP TO 8000 14 DAYS - SPANNING OVER 8000 21 DAYS																															
CONCRETE :- C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS. C2. ALL RECC. WORK SHALL BE CARRIED OUT AS PER IS-456:2000. C3. DEVELOPMENT LENGTH FOR $\phi 16 = 55d$ MINIMUM & 415 MAXIMUM. <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>CONC. GRADE</th> <th>[18-55d]</th> <th>[18-55d]</th> <th>[18-55d]</th> <th>[18-55d]</th> </tr> </thead> <tbody> <tr> <td>M-25</td> <td>570</td> <td>450</td> <td>470</td> <td>380</td> </tr> <tr> <td>M-30</td> <td>480</td> <td>380</td> <td>410</td> <td>330</td> </tr> <tr> <td>M-35</td> <td>450</td> <td>370</td> <td>380</td> <td>310</td> </tr> <tr> <td>M-35</td> <td>410</td> <td>330</td> <td>340</td> <td>270</td> </tr> <tr> <td>M-40</td> <td>360</td> <td>290</td> <td>300</td> <td>240</td> </tr> </tbody> </table>		CONC. GRADE	[18-55d]	[18-55d]	[18-55d]	[18-55d]	M-25	570	450	470	380	M-30	480	380	410	330	M-35	450	370	380	310	M-35	410	330	340	270	M-40	360	290	300	240
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REINFORCING STEEL :- R1. ALL REINFORCING STEEL SHALL BE OF TESTED QUALITY CONFORMING TO IS 1786:2008. R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 550 N/mm ² . R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE: * FOUNDATION 50 mm ALL AROUND * COLUMNS 40 mm ALL AROUND * BEAMS 25 mm ALL AROUND * SLABS 20 mm TOP & BOTTOM * WALLS 25 mm EXTERIOR FACE * WALLS 20 mm INNER FACE																															
DESIGN DATA :- (1) GRADE OF CONCRETE SHALL BE: * FOUNDATION M-25 * COLUMNS & BEAMS M-30 * ROOF M-25 (2) GRADE OF STEEL SHALL BE: FE 550D																															
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PROJECT PROPOSED BUILDING AT PLOT NO. E-85/1 (WP) & E-85 JAGDAMBA NAGAR, JAIPUR																															
DRAWING TITLE COLUMN REDUCING DETAIL																															
DRAWN BY: DEEPAK CHECKED BY: HEMANT KACHHWAHA DATE: 17-08-2023 REMARK:																															



RAFT SECTION - 1-1



RAFT SECTION - 2-2



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

STRUCTURE CONSULTANT
S.K. CREATIONS
87, GAYTRI NAGAR-A, DURGAPURA, JAIPUR
(RAJASTHAN) 302018
Email: skcreations74@gmail.com
MO: 98105 338770

ARCHITECTS
FRANK SQUARE
C-49 VIDYA APARTMENT PARAS MARG,
RAJU NAGAR JAIPUR, (R.A.J.)
Email: sfranksquare@gmail.com
Mobile: 9461302542

GENERAL NOTES :-
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(3). BMD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.

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

CONSTRUCTION PRACTICE :-
P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL SAND WITHOUT GRAVEL AND PEBBLES.
P3. IF IT IS AVAILABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS READY. HAND DRAINING SHALL BE CARRIED OUT WITH AT LEAST 5 TO 8 PASSES.
P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEFORMED.
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 JOINTS (PROPS LEFT UNDER) 7 DAYS
* REMOVAL OF PROPS UNDER SLABS
- SPANNING UP TO 6000 7 DAYS
- SPANNING OVER 6000 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-20 FOR OTHERS.
C2. ALL RCC WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
C3. DEVELOPMENT LENGTH FOR $F_y = 500$ N/mm² & 415 N/mm²

CONC. GRADE	(Ld/50d)	(Ld/45d)	(Ld/40d)
M-25	57d	45d	40d
M-20	48d	38d	33d
M-25	48d	38d	33d
M-20	41d	32d	27d
M-40	36d	29d	24d

REINFORCING STEEL :-
R1. ALL REINFORCING STEEL SHALL BE OF TESTED QUALITY CONFORMING TO IS 1786:2008.
R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 500 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 25 mm TOP & BOTTOM
* WALLS 25 mm EARTH FACE
20 mm INNER FACE

DESIGN DATA :-
(1). GRADE OF CONCRETE SHALL BE:
* FOUNDATION M-25
* COLUMNS - AS SCHEDULED
* ROOF M-20
(2). GRADE OF STEEL SHALL BE: FE 550D

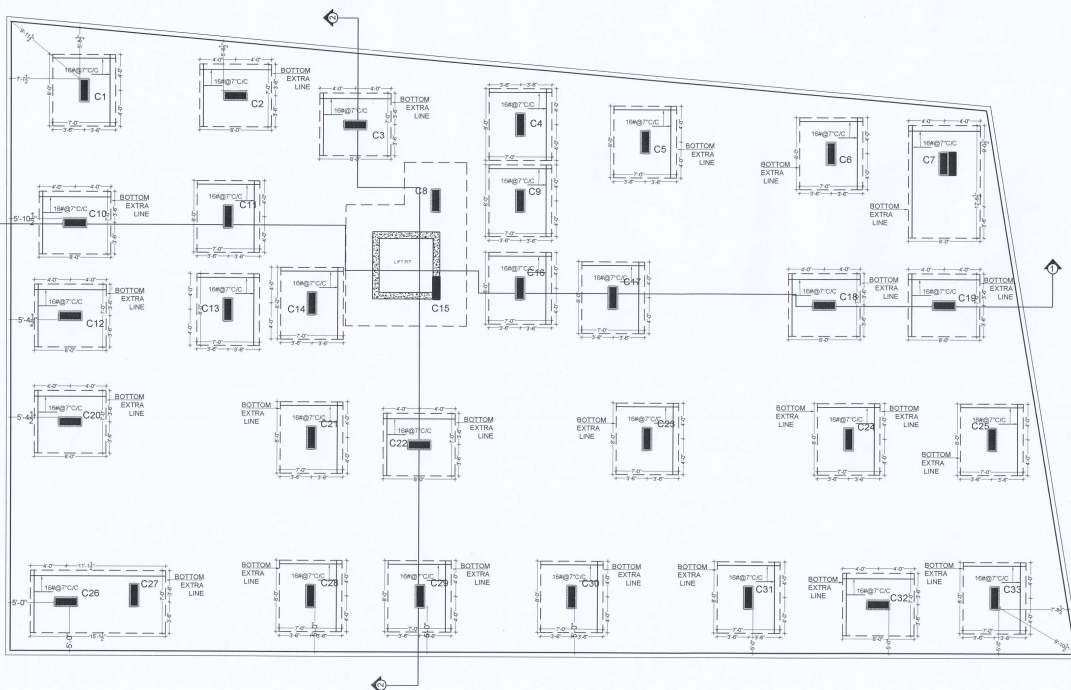
REVISIONS

NO.	DATE	ISSUED TO	CKD.
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PROJECT
PROPOSED BUILDING AT
PLOT NO. E-85/1(W.P) & E-85
JAGDAMBA NAGAR-E, JAIPUR

DRAWING TITLE
FOUNDATION SECTION DETAIL

DRAWN BY: DEEPAK
CHECKED BY: HEMANT KACHHWAHA
DATE: 17-08-2023



STRUCTURE CONSULTANT

S.K. CREATIONS

51, GAYTRI NAGAR-A, DURGAPUR, JAIPUR
(RAJASTHAN) 302018
Email: skcreations.h@gmail.com
MO: 96-855588758

ARCHITECTS

FRANK SQUARE
C-49 VIDYA APARTMENT PARAS MARG,
BAPU NAGAR JAIPUR, (R.A.)
Email: afranksquare@gmail.com
Mobile: 9461302542

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- BSO 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 BE UNABLE TO UNDERGO DEFORMATION DUE TO EARTHQUAKES.
- THE SOIL SHOULD NOT BE UNABLE 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 FIBRILES.
 - IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS SEMI-DRY. HAND RAINING SHALL BE CARRIED OUT WITH AT LEAST 1 TO 3 PASSES.
 - BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEFORMED.
 - 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 | 35 TO 48 HOURS |
|---------------------------------|----------------|
| * SLABS (PROPS LEFT UNDER) | 3 DAYS |
| * REAR SPOTS (PROPS LEFT UNDER) | 7 DAYS |
| * REMOVAL OF PROPS UNDER SLABS | 7 DAYS |
| * SPANNING OVER 4000 | 14 DAYS |
| * REMOVAL OF PROPS UNDER BEAMS | 21 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 $F_y = 550$ N/mm² & 415 N/mm²

CONC. GRADE	18-100	18-100	18-100	18-100
M-25	530	480	410	380
M-35	480	370	340	310
M-35	410	320	340	270
M-40	380	290	320	240

REINFORCING STEEL :-

- ALL REINFORCING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS 1786:2008.
 - REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 550 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 SCHEDULED
 - * ROOF - M-25
- GRADE OF STEEL SHALL BE: FE 550

REVISIONS

NO.	DATE	ISSUED TO	CKD.
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PROJECT

PROPOSED BUILDING AT
PLOT NO. E-85/1(W.P) & E-85
JAGDAMBA NAGAR-E, JAIPUR

DRAWING TITLE

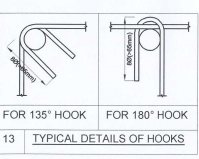
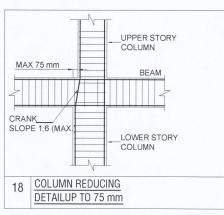
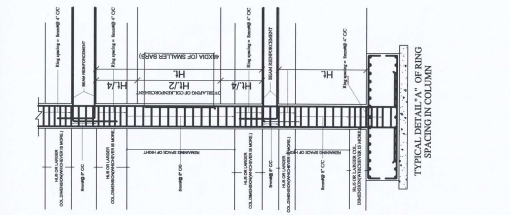
EXTRA BOTTOM STEEL DETAIL

DRAWN BY: DEEPAK
CHECKED BY: HEMANT KACHHWAHA
DATE: 17-08-2023
REMARK:

For S.K. CREATIONS
Hemant Kachhwaha
Proprietor/Manager

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

COLUMN	C1	C2	C3	C4	C5	C6	C7	FC-1
FIFTH ROOF TO MUMTY ROOF								
FOURTH ROOF TO FIFTH ROOF								
THIRD ROOF TO FOURTH ROOF								
SECOND ROOF TO THIRD ROOF								
FIRST ROOF TO SECOND ROOF								
GROUND ROOF TO FIRST ROOF								
STILT ROOF TO GROUND ROOF								
FOUNDATION TO STILT ROOF								



For S. K. CREATIONS
[Signature]
 Proprietor/Manager

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

STRUCTURE CONSULTANT

S.K. CREATIONS

87, GAYTR NAGAR A, DURGAPUR, JAIPUR

(RAJASTHAN 302018)

Email: skcreations19@gmail.com

Mob: +91-9332837372

ARCHITECTS

FRANK SQUARE

C-49 VIDYA APARTMENT PARKS MARG,

BAPU NAGAR JAIPUR, (RAJ.)

Email: afranksquare@gmail.com

Mob: +91-9661332542

GENERAL NOTES :-

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- NO 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 BE ABLE TO LIQUEFICATION DUE TO EARTHQUAKES.
- THE SOIL SHOULD NOT BE ABLE 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 SMALL AND PEBBLES.
- IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS BENEATH HAND DRAINING SHALL BE CARRIED OUT WITH AT LEAST 10 TO 15 PASSES.
- BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN COMPLETED.
- IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS:

WALLS, COLUMNS AND VERTICAL	36 TO 48 HOURS
FACES OF ALL MEMBERS	
* SLABS (PROPS LEFT UNDER)	3 DAYS
* BEAMS (PROPS LEFT UNDER)	7 DAYS
* REMOVAL OF PROPS UNDER SLABS	
* SPANNING UP TO 4000	7 DAYS
* SPANNING OVER 4000	14 DAYS
* REMOVAL OF PROPS UNDER BEAMS	
* SPANNING UP TO 12000	14 DAYS
* SPANNING OVER 12000	21 DAYS

CONCRETE :-

- USE CONCRETE GRADE M-20 FOR COLUMNS & M-25 FOR OTHERS.
- ALL RCC WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
- DEVELOPMENT LENGTH FOR $f_y = 550$ N/mm² & 415 N/mm²

COGE GRADE	L _d (mm)	L _d (mm)	L _d (mm)
M-20	570	450	415
M-25	480	380	340
M-30	480	370	340
M-35	410	320	340
M-40	380	290	340

REINFORCING STEEL :-

- ALL NEW ORDNANCE STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS 1786:2008.
- REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 550 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	25 mm INVERT FACE

DESIGN DATA :-

- GRADE OF CONCRETE SHALL BE:

* FOUNDATION	M-20
* COLUMNS	M-25
* ROOF	M-20
- GRADE OF STEEL SHALL BE: FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CHKD.
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PROJECT

PROPOSED BUILDING AT

PLOT-NO. E-85/1(W.P) & E-85

JAGDAMBA NAGAR-E, JAIPUR

DRAWING TITLE

RE-COLUMN SCHEDULE DETAIL (1)

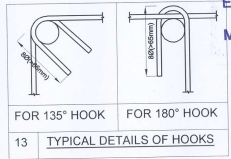
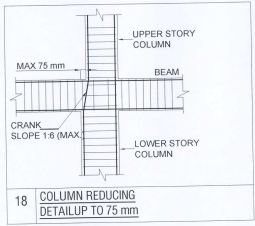
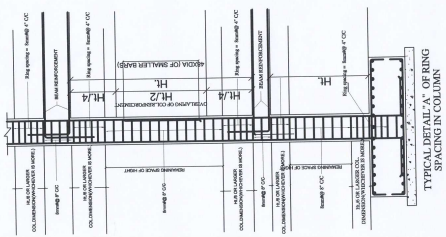
DRAWN BY: DEEPAK

CHECKED BY: HEMANT KACHHWAHA

DATE: 17-08-2023

REMARK:

COLUMN	C15	C16	C17	C18	C19	C20	C21
FIFTH ROOF TO MUMTY ROOF							
FOURTH ROOF TO FIFTH ROOF							
THIRD ROOF TO FOURTH ROOF							
SECOND ROOF TO THIRD ROOF							
FIRST ROOF TO SECOND ROOF							
GROUND ROOF TO FIRST ROOF							
STILT ROOF TO GROUND ROOF							
FOUNDATION TO STILT ROOF							



For S. K. CREATIONS
Er. Hemant Kachhwa
 Proprietor/Manager

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

STRUCTURE CONSULTANT
S.K. CREATIONS
 87, GAYTRI NAGAR, DURGAPURA JAIPUR
 RAJASTHAN 302018
 Email: skcreations18@gmail.com
 Mob: +91-9351388775

ARCHITECTS
FRANK SQUARE
 C-49 VIDYA APARTMENT PARAS MARG
 BAPU NAGAR JAIPUR, (RAJ.)
 Email: franksquare@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) SMO WORKMANSHIP SHALL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR

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

CONSTRUCTION PRACTICE :-
 P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED
 P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL SAND WITHOUT GRAVEL AND PEBBLES
 P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS, WHEN THE SURFACE IS READY. HAND RAINING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PAGES
 P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEFORMED
 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 30 TO 40 HOURS
 * SLABS (PROPS LEFT UNDER) 7 DAYS
 * BEAM SOFFITS (PROPS LEFT UNDER) 7 DAYS
 * REMOVAL OF PROPS UNDER SLABS SPANNING UP TO 4000 14 DAYS
 * REMOVAL OF PROPS UNDER BEAMS SPANNING UP TO 6000 14 DAYS
 * SPANNING OVER 6000 21 DAYS

CONCRETE :-
 C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
 C2. ALL RCC WORK SHALL BE CARRIED OUT AS PER IS-456:2000
 C3. DEVELOPMENT LENGTH FOR $F_y = 550 \text{ N/mm}^2$ & 415 N/mm^2
 * CONCRETE GRADE [16-60] [60-75] [75-90] [90-105] [105-120]
 * M-20 370 450 470 380
 * M-25 450 500 510 390
 * M-30 450 510 380 310
 * M-35 410 500 380 270
 * M-40 380 500 380 240

REINFORCING DETAIL :-
 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 500 NMMV
 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 20 mm EARTH FACE
 * WALLS 20 mm INNER FACE

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

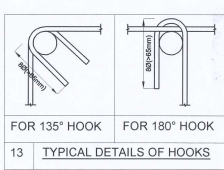
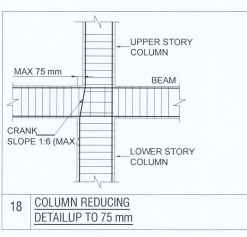
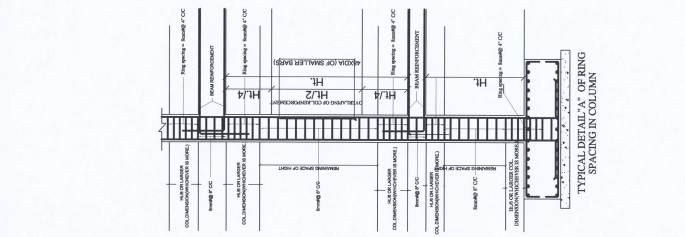
REVISIONS
 NO. DATE ISSUED TO CKD.

PROJECT
 PROPOSED BUILDING AT PLOT NO. E-85/1(W.P.) & E-85 JAGDAMBA NAGAR, JAIPUR

DRAWING TITLE
 COLUMN SCHEDULE DETAIL [3]

DRAWN BY: DEEPAK
CHECKED BY: HEMANT KACHHWAHA
DATE: 17-08-2023
REMARK:

COLUMN	C22	C23	C24	C25	C26	C27	C28
FIFTH ROOF TO MUMTY ROOF							
FOURTH ROOF TO FIFTH ROOF							
THIRD ROOF TO FOURTH ROOF							
SECOND ROOF TO THIRD ROOF							
FIRST ROOF TO SECOND ROOF							
GROUND ROOF TO FIRST ROOF							
STILT ROOF TO GROUND ROOF							
FOUNDATION TO STILT ROOF							



For S.K. CREATIONS
Ch. K. Kachhwa
Proprietor/Manager

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

STRUCTURE CONSULTANT
S.K. CREATIONS
ST. GAYTRI NAGAR, SURGAPUR, JAIPUR
(RAJASTHAN) 302018
Email: skcreations.h@gmail.com
MO: 9840338879

ARCHITECTS
FRANK SQUARE
CAB VIDYA APARTMENT PARAS MARG,
BAPU NAGAR JAIPUR, (RAJ.)
Email: franksquare@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) SMO WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR

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

CONSTRUCTION PRACTICE :-
F1 IT IS MANDATORY TO REMOVE ALL LOOSE SOIL, TILL THE FIRM SOIL IS REACHED
F2 BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING ROLAND WITHOUT SMALL AND PERILES
F3 IT IS AVAILABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS REMOVED. HAND RAMPING SHALL BE CARRIED OUT WITH AT LEAST 4 TO 8 PASSES
F4 BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN COMPLETED
F5 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 JOINTS (PROPS LEFT UNDER) 7 DAYS
* REMOVAL OF PROPS UNDER SLABS
* SPANNING UP TO 4000 14 DAYS
* REMOVAL OF PROPS UNDER BEAMS
* SPANNING UP TO 6000 14 DAYS
* SPANNING OVER 6000 21 DAYS

CONCRETE :-
C1 USE CONCRETE GRADE M-20 FOR COLUMNS & M-25 FOR OTHERS
C2 ALL RCC WORK SHALL BE CARRIED OUT AS PER IS-456:2000
C3 DEVELOPMENT LENGTH FOR $F_y = 550$ NHP & 415 NHP

CONC. GRADE	(L-800)	(L-200)	(L-415)	(L-415)
M-20	570	460	410	380
M-25	480	380	410	350
M-30	480	370	380	310
M-35	410	320	340	270
M-40	380	290	320	240

REINFORCING STEEL :-
R1 ALL REINFORCING STEEL SHALL BE OF TESTED QUALITY CONFORMING TO IS-1786:2008
R2 REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 550 NHP
R3 CLEAR COVER TO MAIN REINFORCEMENT SHALL BE
* FOUNDATION 50 mm ALL AROUND
* COLUMNS 40 mm ALL AROUND
* BEAMS 30 mm ALL AROUND
* SLABS 25 mm TOP & BOTTOM
* WALLS 25 mm EXTERIOR FACE
* WALLS 25 mm INTERIOR FACE

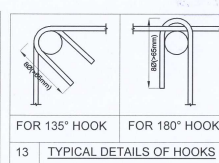
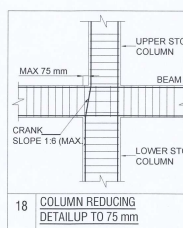
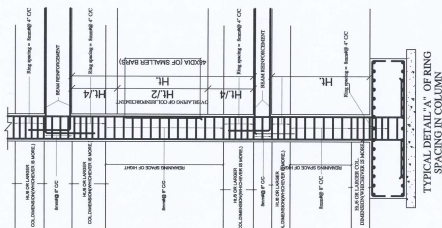
DESIGN DATA :-
(1) GRADE OF CONCRETE SHALL BE
* FOUNDATION M-20
* COLUMNS M-25
* ROOF M-20
(2) GRADE OF STEEL SHALL BE: FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CHKD.
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PROJECT
PROPOSED BUILDING AT
PLOT-NO. E-85/15/P & E-85
JAGDAMBA NAGAR-E, JAIPUR
DRAWING TITLE
COLUMN SCHEDULE DETAIL [4]
DRAWN BY: DEEPAK
CHECKED BY: HEMANT KACHHWA
DATE: 17-08-2023
REMARK:

COLUMN	C29	C30	C31	C32	C33
FIFTH ROOF TO MUMTY ROOF					
FOURTH ROOF TO FIFTH ROOF					
THIRD ROOF TO FOURTH ROOF					
SECOND ROOF TO THIRD ROOF					
FIRST ROOF TO SECOND ROOF					
GROUND ROOF TO FIRST ROOF					
STILT ROOF TO GROUND ROOF					
FOUNDATION TO STILT ROOF					



STRUCTURE CONSULTANT

S K CREATIONS

87, GAYTRI NAGAR, DURGAPURA, JAIPUR
 (RAJASTHAN) 302018
 Email: skcreations.h@gmail.com
 Mob: +91-9224-388729

ARCHITECTS

FRANK SQUARE

C-49 VIDYA APARTMENT PARAS MARG,
 BAPU NAGAR JAIPUR, (RAJ.)
 Email: sfranksquare@gmail.com
 Mobile: 9461330242

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.
- NO 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 BE UNABLE TO LIQUEFACTION DUE TO EARTHQUAKES.
- THE SOIL SHOULD NOT BE UNABLE 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 ROLLAND WITHOUT SMALL AND PERILES.
- IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS READY. HAND DRAINING SHALL BE CARRIED OUT WITH AT LEAST 1 TO 3 PASSES.
- BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN CORROPER.
- IN NORMAL CIRCUMSTANCES AND VARIERE ORDINARY PORTLAND CEMENT IS USED. FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS

WALLS, COLUMNS AND VERTICAL	36 TO 48 HOURS
FACE OF ALL MEMBERS	
* SLABS (PROPS LEFT UNDER)	3 DAYS
* BEAM (PROPS LEFT UNDER)	7 DAYS
* REMOVAL OF PROPS UNDER SLABS	
SPANNING UP TO 4000	7 DAYS
SPANNING OVER 4000	14 DAYS
* REMOVAL OF PROPS UNDER BEAMS	
SPANNING UP TO 4000	14 DAYS
SPANNING OVER 4000	21 DAYS

CONCRETE :-

- USE CONCRETE GRADE M-20 FOR COLUMNS & M-25 FOR OTHERS.
- ALL RCC WORK SHALL BE CARRIED OUT AS PER IS-456:2000.
- DEVELOPMENT LENGTH FOR $F_y = 550$ N/mm² & 415 N/mm²

CONC. GRADE	(16-20)	(20-25)	(25-30)	(30-35)
M-20	375	460	475	500
M-25	480	500	510	520
M-30	490	510	520	530
M-35	410	520	530	540
M-40	390	520	530	540

REINFORCING STEEL :-

- ALL REINFORCING STEEL SHALL BE OF TESTED QUALITY CONFORMING TO IS 1786:2008.
- REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 550 N/mm².
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

	FOUNDATION	40-20
* COLUMNS	40-20	40-20
* BEAMS	40-20	40-20
* SLABS	20 mm TOP & BOTTOM	20 mm TOP & BOTTOM
* WALLS	20 mm EXTERIOR FACE	20 mm INTERIOR FACE

DESIGN DATA :-

- GRADE OF CONCRETE SHALL BE
- GRADE OF STEEL SHALL BE: FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CHKD.
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PROJECT

PROPOSED BUILDING AT
PLOT-NO. E-85(15/P) & E-85
JAGDAMBA NAGAR-E, JAIPUR

DRAWING TITLE

COLUMN SCHEDULE DETAIL [5]

DRAWN BY: DEEPAK

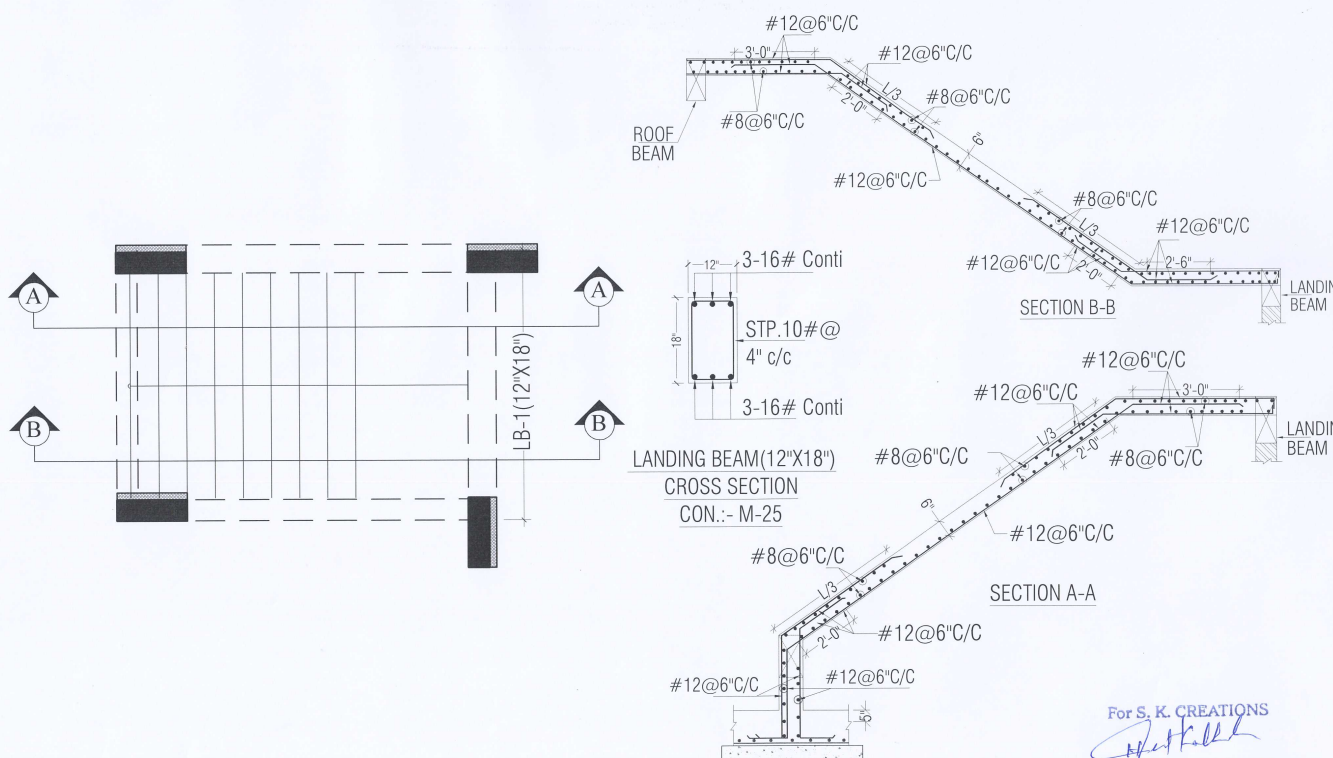
CHECKED BY: HEMANT KACHHWAHA

DATE: 17-08-2023

REMARK:

For S. K. CREATIONS

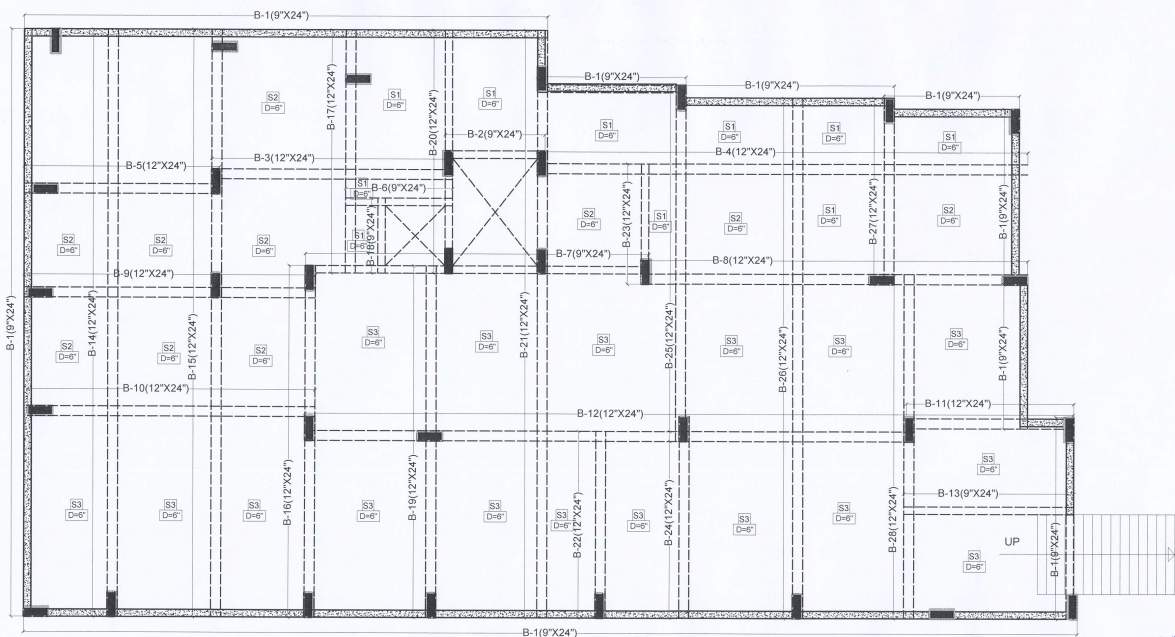
 Proprietor/Manager
 Er. Hemant Kachhwahe
 M.Tech(Str) B.E.(Civil)



For S. K. CREATIONS
 Proprietor/Manager

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

STRUCTURE CONSULTANT S.K. CREATIONS E7, GAYTRI NAGAR-A, DURGAPURA, JAIPUR (RAJASTHAN) 302018 Email: skcreations18@gmail.com MO: +91-9251388735																																						
ARCHITECTS FRANK SQUARE C-49 VIDYA APARTMENT PARAS MARG, BAPU NAGAR JAIPUR, (RAJ.) Email: sifranksquare@gmail.com Mobile: +91-9828413054																																						
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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 REMOVED. HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 8 TO 9 PASSES P4 BACK FILLING OF EXCAVATION SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEMOLISHED P5 IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS * SLABS (PROPS LEFT UNDER) 2 DAYS * BEAM SOFFITS (PROPS LEFT UNDER) 7 DAYS * REMOVAL OF PROPS UNDER SLABS * SPANNING UP TO 4000 7 DAYS * SPANNING OVER 4000 14 DAYS * REMOVAL OF PROPS UNDER BEAMS * SPANNING UP TO 6000 14 DAYS * SPANNING OVER 6000 21 DAYS																																						
CONCRETE :- C1 USE CONCRETE GRADE M-25 FOR COLUMNS & M-20 FOR OTHERS C2 ALL RCC WORK SHALL BE CARRIED OUT AS PER IS-456-2000 C3 DEVELOPMENT LENGTH FOR $F_y = 500 \text{ N/mm}^2$ & $F_y = 415 \text{ N/mm}^2$ <table border="1"> <thead> <tr> <th>CONC. GRADE</th> <th>[25/550]</th> <th>[40/550]</th> <th>[45/550]</th> <th>[50/550]</th> <th>[55/550]</th> </tr> </thead> <tbody> <tr> <td>M-20</td> <td>510</td> <td>400</td> <td>410</td> <td>360</td> <td></td> </tr> <tr> <td>M-25</td> <td>400</td> <td>360</td> <td>410</td> <td>350</td> <td></td> </tr> <tr> <td>M-30</td> <td>400</td> <td>370</td> <td>380</td> <td>310</td> <td></td> </tr> <tr> <td>M-35</td> <td>410</td> <td>370</td> <td>340</td> <td>270</td> <td></td> </tr> <tr> <td>M-40</td> <td>360</td> <td>320</td> <td>300</td> <td>240</td> <td></td> </tr> </tbody> </table>			CONC. GRADE	[25/550]	[40/550]	[45/550]	[50/550]	[55/550]	M-20	510	400	410	360		M-25	400	360	410	350		M-30	400	370	380	310		M-35	410	370	340	270		M-40	360	320	300	240	
CONC. GRADE	[25/550]	[40/550]	[45/550]	[50/550]	[55/550]																																	
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M-35	410	370	340	270																																		
M-40	360	320	300	240																																		
REINFORCING STEEL :- R1 ALL REINFORCING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS 1786:2008 R2 REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 500D N/mm ² R3 CLEAR COVER TO MAIN REINFORCEMENT SHALL BE * FOUNDATION 50 mm ALL AROUND * COLUMNS 40 mm ALL AROUND * BEAMS 30 mm ALL AROUND * SLABS 20 mm TOP & BOTTOM * WALLS 25 mm EARTH FACE * WALLS 20 mm INNER FACE																																						
DESIGN DATA :- (1) GRADE OF CONCRETE SHALL BE: * FOUNDATION M-25 * COLUMNS - AS SCHEDULED * ROOF M-25 (2) GRADE OF STEEL SHALL BE FE 500D																																						
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>ISSUED TO</th> <th>CKD.</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			NO.	DATE	ISSUED TO	CKD.																																
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PROJECT PROPOSED BUILDING AT PLOT NO. E-85/1(W.P) & E-85 JASDAMBA NAGAR-E, JAIPUR																																						
DRAWING TITLE STAIR CASE SECTION DETAIL																																						
DRAWN BY: DEEPAK CHECKED BY: HEMANT KACHHWAHA																																						
DATE: 17-08-2023 REMARK:																																						



STRUCTURE CONSULTANT
S.K. CREATIONS
41, SATYU NAGAR A, DURGAPUR, JAIPUR
(RAJASTHAN) 302018
Email: skcreations3@gmail.com
MO: +91-9880089709

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

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(3) BSA NORMANSHIP 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 UNABLE TO DISSEMINATION DUE TO EARTHQUAKES.
(3) THE SOIL SHOULD NOT UNABLE 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 SOILS AND WITHOUT GRAVEL AND PERILES.
P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS SEMIDRY. HAND RAINING SHALL BE CARRIED OUT WITH AT LEAST 1 TO 3 INCHES.
P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPOSED.
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
FACE OF ALL MEMBERS
* SLABS (PROPS LEFT UNDER) 36 TO 48 HOURS
* BEAM (PROPS LEFT UNDER) 3 DAYS
* REMOVAL OF PROPS UNDER SLABS 7 DAYS
* REMOVAL OF PROPS UNDER BEAMS 14 DAYS
* REMOVAL OF PROPS UNDER BEAMS 14 DAYS
* REMOVAL OF PROPS UNDER BEAMS 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 $f_y = 550$ N/mm² & 415 N/mm²

CONC. GRADE	L _{db} -550	L _{db} -415	L _{db} -415
M-25	275	400	470
M-30	400	570	540
M-35	410	530	540
M-40	360	500	540

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

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

REVISIONS

NO.	DATE	ISSUED TO	CHKD.
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PROJECT
PROPOSED BUILDING AT
PLOT NO. E-85/1(W.P.) & E-85
JAGDAMBA NAGAR-E, JAIPUR

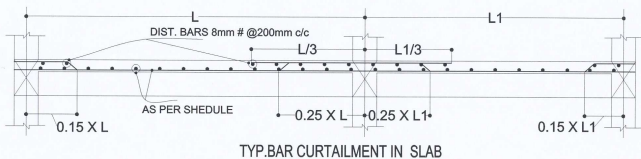
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BASEMENT SHUTTING PLAN

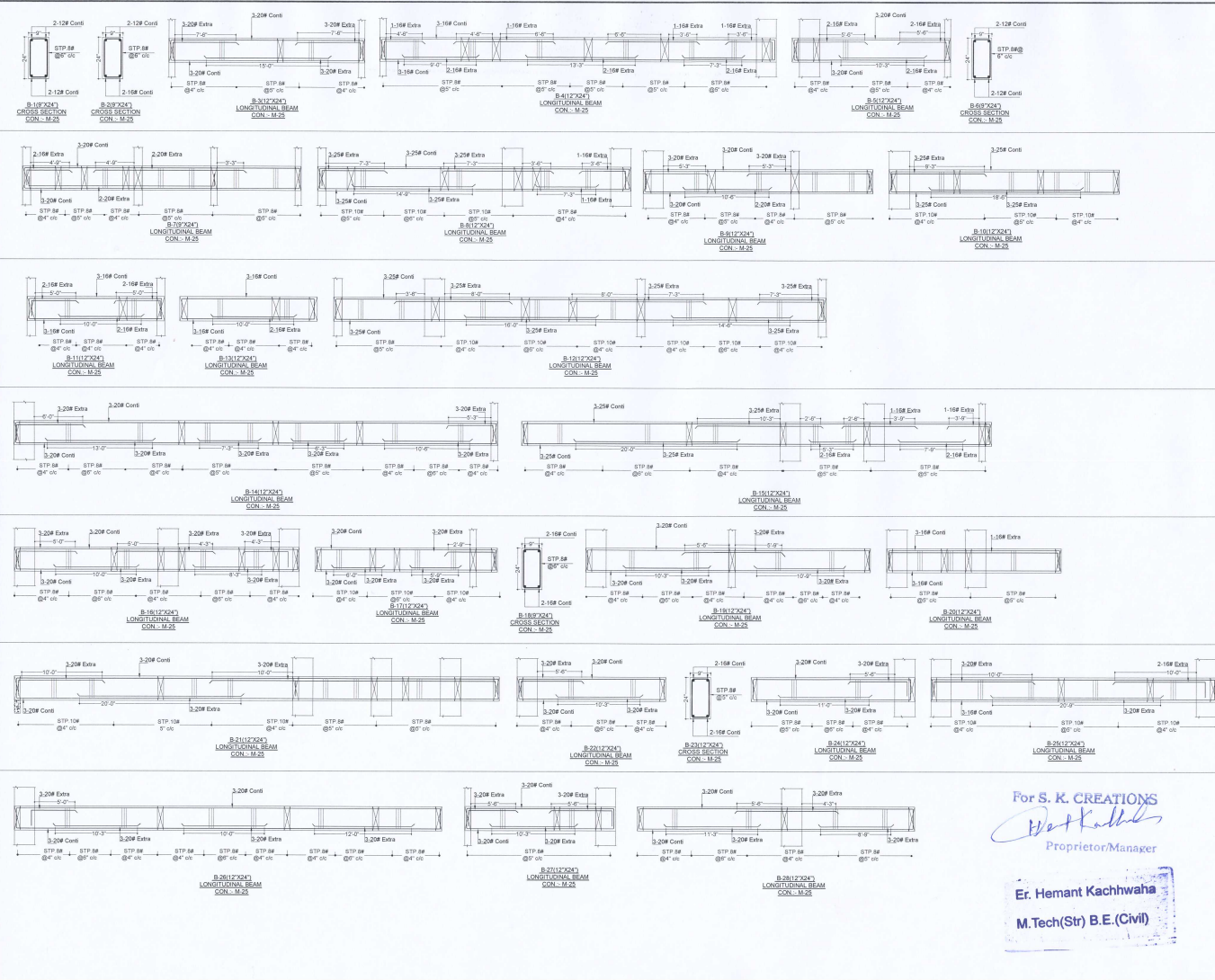
DRAWN BY: DEEPAK
CHECKED BY: HEMANT KACHHWAHA
DATE: 17-08-2023
REMARK:

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

R.C.C. SLAB DETAILS:-

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





STRUCTURE CONSULTANT

S.K. CREATIONS

51, SATYU NAGAR, SURGAPUR, JAIPUR
(RAJASTHAN) 302018
Email: skcreations.h@gmail.com
MO: +91-9555-98872

ARCHITECTS

FRANK SQUARE

C-49 VIDYA APARTMENT PARAS MARG,
BAPU NAGAR, JAIPUR, (RAJ.)
Email: afranksquare@gmail.com
Mobile: 9461335242

GENERAL NOTES :-

(1) DO NOT SCALE THE 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) NO DISCREPANCY WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR

EXCAVATION CHECK :-

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

(2) THE SOIL SHOULD NOT BE SUBJECT TO LIQUEFACTION DUE TO EARTHQUAKES

(3) THE SOIL SHOULD NOT BE SUBJECT 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 SMALLS AND PERILES

P3 IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS READY. HAND DRAINING SHALL BE CARRIED OUT WITH AT LEAST 1 TO 3 PASSES.

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

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

FACES OF ALL MEMBERS

36 TO 48 HOURS

* WALLS, COLUMNS AND VERTICAL

3 DAYS

* SLABS (PROPS LEFT UNDER)

7 DAYS

* BEAM SKELETONS (PROPS LEFT UNDER)

14 DAYS

* REMOVAL OF PROPS UNDER SLABS

21 DAYS

* REMOVAL OF PROPS UNDER BEAMS

21 DAYS

* REMOVAL OF PROPS UNDER WALLS

CONCRETE :-

C1 USE CONCRETE GRADE M-20 FOR COLUMNS & M-25 FOR OTHERS

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

C3 DEVELOPMENT LENGTH FOR $f_y = 550$ N/mm² & 415 N/mm²

CONC. GRADE	L _d (550)	L _d (550)	L _d (415)	L _d (415)
M-25	57d	140d	41d	38d
M-30	48d	120d	41d	32d
M-35	41d	100d	32d	27d
M-40	35d	90d	32d	24d

REINFORCING STEEL :-

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

R2 REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 550 N/mm²

R3 CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

* FOUNDATION

50 mm ALL AROUND

* COLUMNS

40 mm TOP & BOTTOM

* BEAMS

30 mm ALL AROUND

* SLABS

25 mm TOP & BOTTOM

* WALLS

25 mm EXTERIOR FACE

* WALLS

25 mm INTERIOR FACE

DESIGN DATA :-

(1) GRADE OF CONCRETE SHALL BE

* FOUNDATION

M-20

* COLUMNS

AS SCHEDULED

* ROOF

M-20

(2) GRADE OF STEEL SHALL BE: FE 550

REVISIONS

NO.	DATE	ISSUED TO	CHKD.

PROJECT

PROPOSED BUILDING AT
PLOT NO. E-85/1(W/P) & E-85
JAGDAMBA NAGAR-E, JAIPUR

DRAWING TITLE

BASEMENT BEAM DETAIL

DRAWN BY: DEEPAK

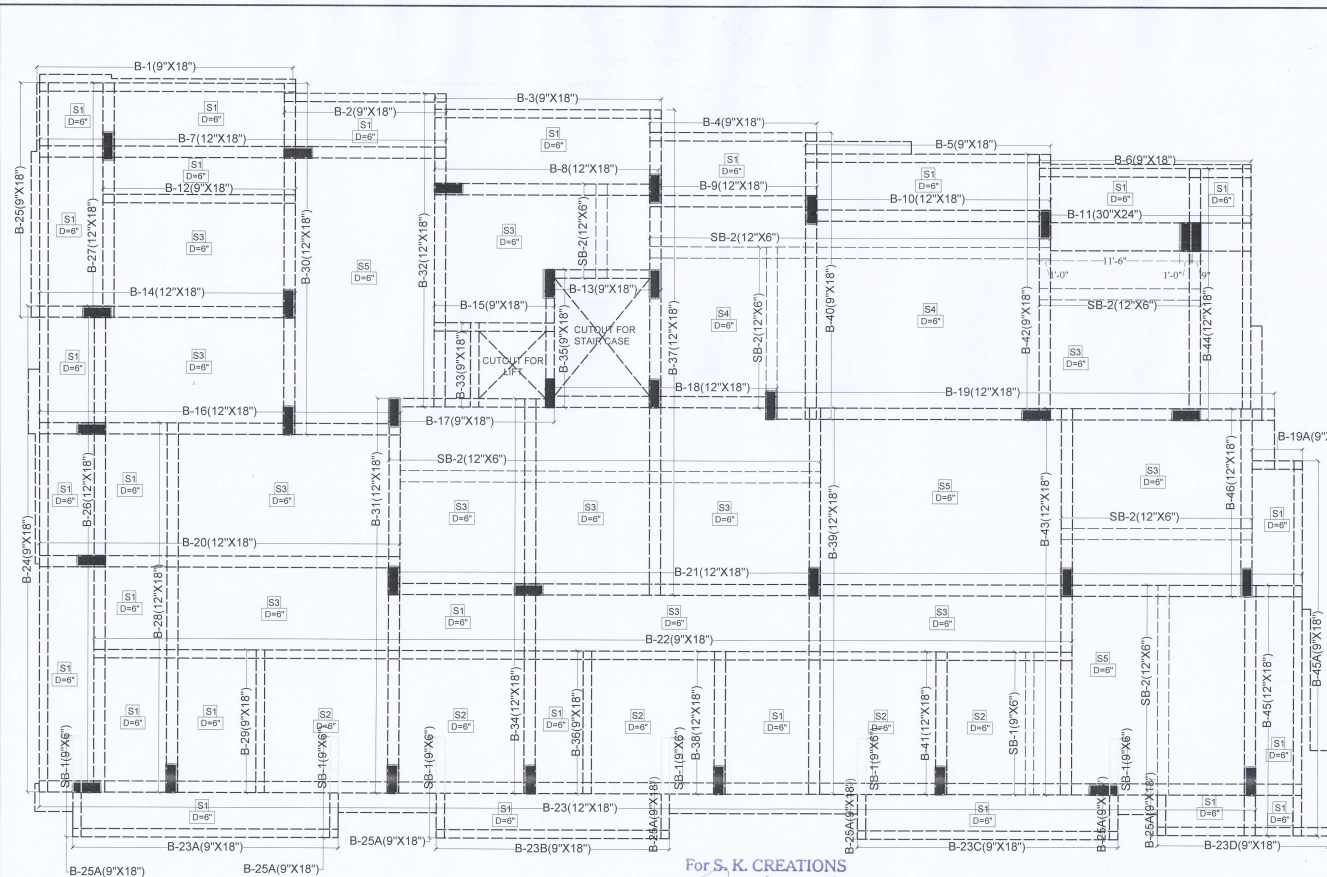
CHECKED BY: HEMANT KACHHWAHA

DATE: 17-08-2023

REMARK:

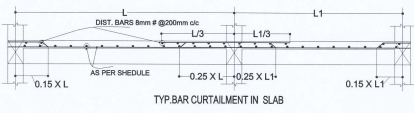
For S. K. CREATIONS
Dr. Kachhwaha
Proprietor/Manager

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



For S. K. CREATIONS
Proprietor/Manager

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



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

STRUCTURE CONSULTANT
S.K. CREATIONS
#1, GATEWAY NO. 1, DURGAPUR, JAIPUR
(RAJASTHAN) 302018
Email: skcreations1@gmail.com
MO: 98-690-388728

ARCHITECTS
FRANK SQUARE
C-49 VIDYA APARTMENT PARAS MARG,
BAPU NAGAR JAIPUR, (RAJ.)
Email: afranksquare@gmail.com
Mobile: 961302542

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

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

CONSTRUCTION PRACTICE :-
F1 IF IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL
THE FIRM SOIL IS REACHED.
F2 BACK FILLING AROUND THE FOUNDATIONS SHALL BE
CARRIED OUT USING SOIL SAND WITHOUT GRAVEL AND
PERILES.
F3 IF IT IS AVAILABLE TO ALLOW STANDING WATER IN THE
EXCAVATION TRENCHES FOR 24 HOURS WHEN THE
SURFACE IS READY. HAND DRAINING SHALL BE CARRIED
OUT WITH AT LEAST 1 TO 3 PASSES.
F4 BACK FILLING OF BASEMENT WALLS SHALL BE DONE
ONLY AFTER THE ROOF SLAB HAS BEEN CONCRETED.
F5 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 JOINTS (PROPS LEFT UNDER) 7 DAYS
* REMOVAL OF PROPS UNDER SLABS
- SPANNING UP TO 4000 7 DAYS
- SPANNING OVER 4000 14 DAYS
* REMOVAL OF PROPS UNDER BEAMS
- SPANNING UP TO 6000 14 DAYS
- SPANNING OVER 6000 21 DAYS

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

CONC. GRADE	L _d (550)	L _d (550)	L _d (415)	L _d (415)
M-25	480	360	410	360
M-30	480	360	340	310
M-35	410	320	340	310
M-40	360	280	300	240

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

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

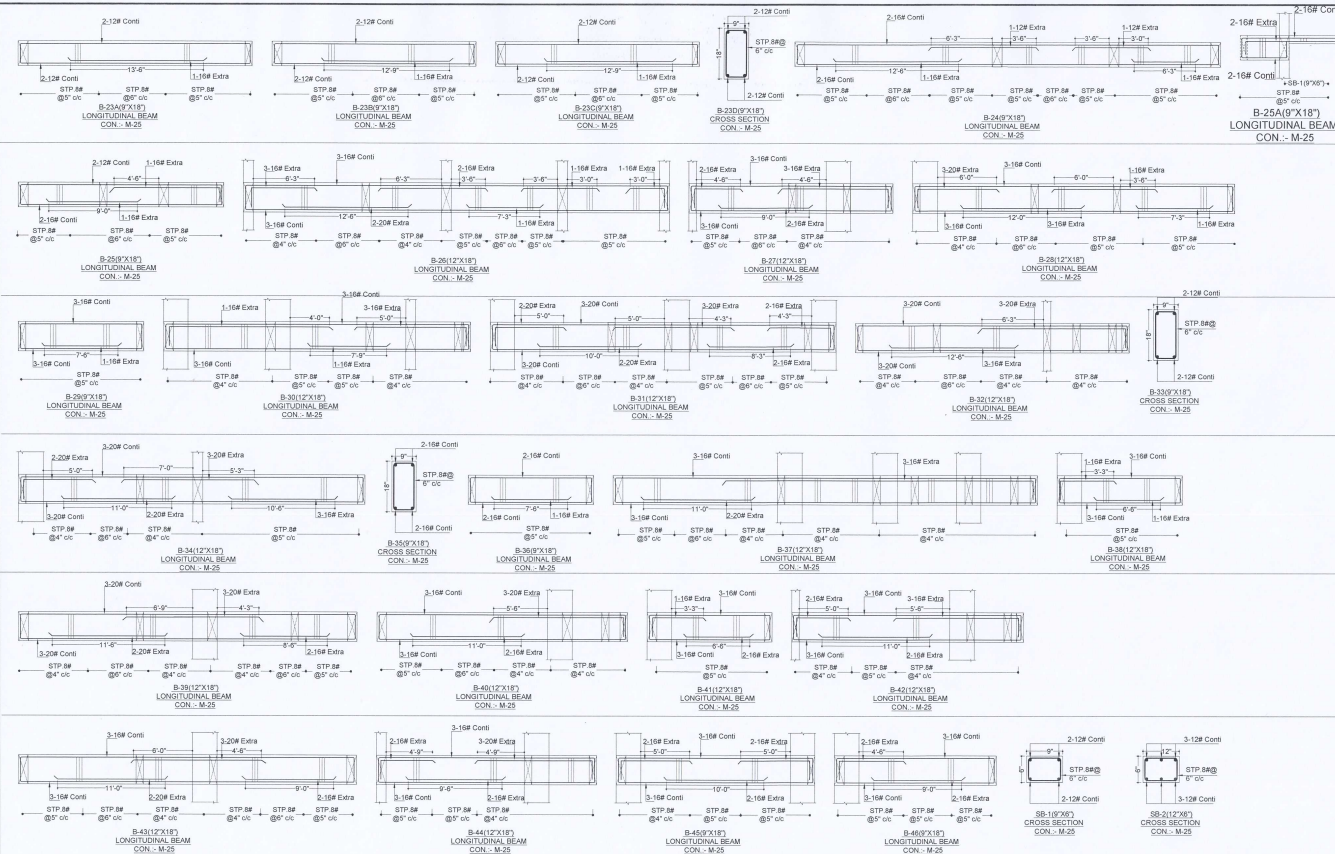
REVISIONS

NO.	DATE	ISSUED TO	CHKD.
1			

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

PROJECT
PROPOSED BUILDING AT
PLOT NO. E-85/1(W.P.) & E-85
JAGDAMBA NAGAR-E, JAIPUR
DRAWING TITLE
STILT ROOF STUTTERING
LAYOUT PLAN
DRAWN BY: DEEPAK
CHECKED BY: HEMANT
KACHHWAHA
DATE: 17-08-2023
REMARK:



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

STRUCTURE CONSULTANT

S.K. CREATIONS

82, GAYTRI NAGAR, DURGAPUR, JAIPUR
Email: skcreations19@gmail.com
MO: 98109-98879

ARCHITECTS

FRANK SQUARE

C-49 VIDYA APARTMENT PARAS MARG,
BAPU NAGAR, JAIPUR, (RAJ.)
Email: afranksquare@gmail.com
MOBILE: 98451 30352

GENERAL NOTES :-

(1) DO NOT SCALE THE 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) NO WORKMANSHIP WILL BE SOLE RESPONSIBILITY
OF CLIENT & CONTRACTOR.

EXCAVATION CHECK :-

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

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

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

CONSTRUCTION PRACTICE :-

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

P2 BACK FILLING AROUND THE FOUNDATIONS SHALL BE
CARRIED OUT USING ROLLAND WITHOUT GRABBS AND
FIBERLESS.

P3 IT IS ADVISABLE TO ALLOW STANDING WATER IN THE
EXCAVATION TRENCHES FOR 24 HOURS WHEN THE
SURFACE IS READY. HAND DRAINING SHALL BE CARRIED
OUT WITH AT LEAST 10 TO 15 PASSES.

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

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 JOINTS (PROPS LEFT UNDER)

7 DAYS

* REMOVAL OF PROPS UNDER SLABS

14 DAYS

* REMOVAL OF PROPS UNDER BEAMS

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 ϕ 550 N/mm² & 415 N/mm²

CONC. GRADE	Ld-550	Ld-415
M-25	33d	41d
M-30	40d	49d
M-35	48d	59d
M-40	56d	69d

REINFORCING STEEL :-

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

R2. REFER TO HIGH YIELD STRENGTH DEFORMED BARS
WITH CHARACTERISTIC STRENGTH OF 550 N/mm²
CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

* FOUNDATION

50 mm ALL AROUND

* COLUMNS

40 mm TOP & BOTTOM

* BEAMS

30 mm ALL AROUND

* SLABS

20 mm TOP & BOTTOM

* WALLS

20 mm EARTH FACE

* WALLS

20 mm INNER FACE

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE

* FOUNDATION: M-25

* COLUMNS: M-25

* BEAMS: M-25

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT
PLOT NO. E-55/1(W.P) & E-55
JAGDAMBA NAGAR-E, JAIPUR

DRAWING TITLE

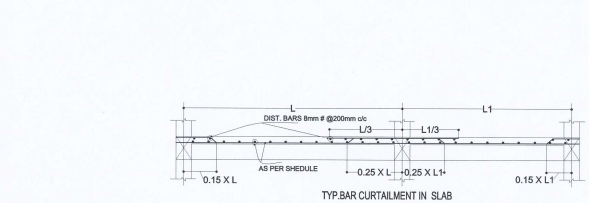
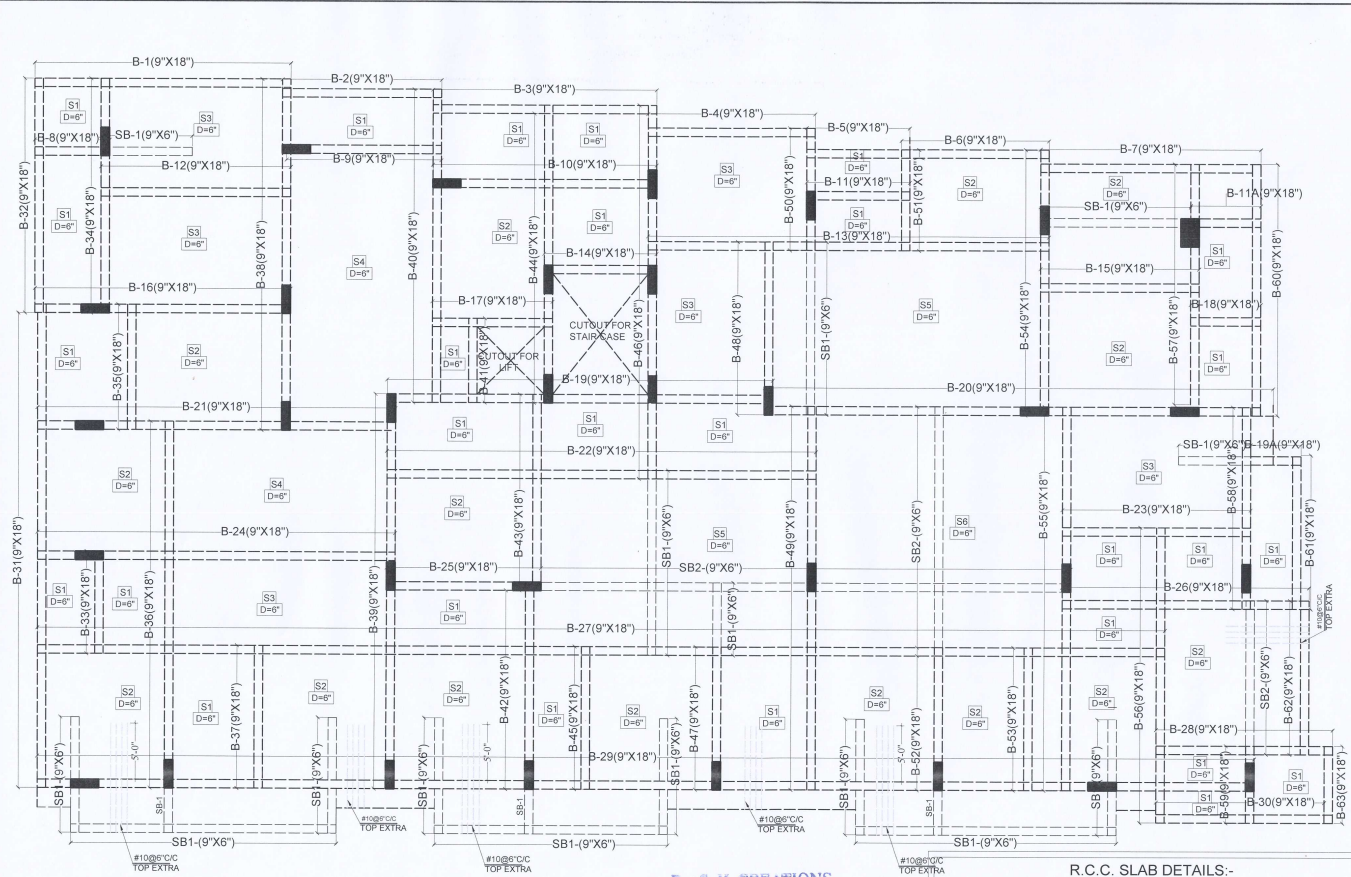
STILT FLOOR BEAM DETAIL

DRAWN BY: DEEPAK

CHECKED BY: HEMANT KACHHWAHA

DATE: 17-08-2023

REMARK:



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

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

R.C.C. SLAB DETAILS:-					
SLAB NO.	SHORT SPAN	LONG SPAN	CRANK BAR	THICK	GRADE
S1	#8@5"/C	#8@6"/C	#8@7"/C	0'-6"	M-25
S2	#8@5"/C	#8@5"/C	#8@7"/C	0'-6"	M-25
S3	#10@6"/C	#8@6"/C	#8@7"/C	0'-6"	M-25
S4	#10@5"/C	#8@5"/C	#8@7"/C	0'-6"	M-25
S5	#10@4"/C	#10@6"/C	#8@7"/C	0'-6"	M-25
S6	#10@4"/C	#10@4"/C	#8@7"/C	0'-6"	M-25

STRUCTURE CONSULTANT
S.K. CREATIONS
PLOT NO. 10, DURGAPUR, JAIPUR
(RAJASTHAN 302018)
Email: skcreations14@gmail.com
MO: 94-8550-88782

ARCHITECTS
FRANK SQUARE
C-49 VIDYA APARTMENT PARAS MARG,
RAJPUT NAGAR JAIPUR, (RAJ.)
Email: franksquare@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) SLD WORKMANSHIP WILL BE SOLE RESPONSIBILITY OF CLIENT & CONTRACTOR.

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

CONSTRUCTION PRACTICE :-
P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL SAND WITHOUT GRAVEL AND PERILES.
P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS READY. HAND RAINING SHALL BE CARRIED OUT WITH AT LEAST 1 TO 3 INCHES.
P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN CONPLETED.
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 FACE OF ALL MEMBERS 36 TO 48 HOURS
* SLABS (PROPS LEFT UNDER) 3 DAYS
* BEAM (PROPS LEFT UNDER) 7 DAYS
* SPANNING OVER 4000 14 DAYS
* REMOVAL OF PROPS UNDER BEAMS 21 DAYS
* SPANNING OVER 6000 14 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 $f_y = 550$ N/mm² & 415 N/mm²

CONC. GRADE	L _d (550)	L _d (550)	L _d (415)	L _d (415)
M-25	518	1087	418	338
M-35	493	1062	418	338
M-40	468	1037	393	313
M-45	443	1012	368	288

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

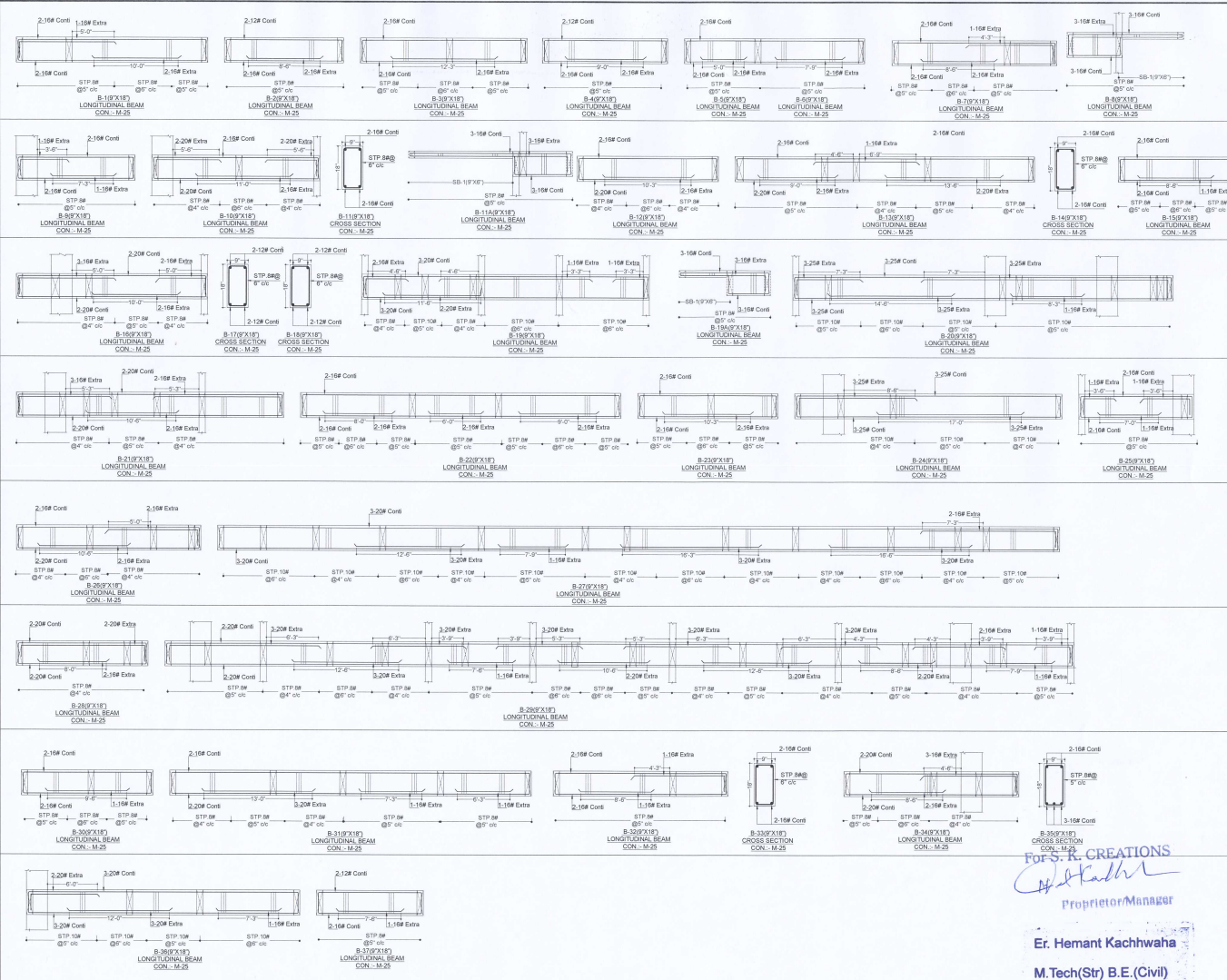
DESIGN DATA :-
(1) GRADE OF CONCRETE SHALL BE:
* FOUNDATION: M-25
* COLUMNS: M-25
* ROOF: M-25
(2) GRADE OF STEEL SHALL BE: FE 550D

REVISIONS
NO. DATE ISSUED TO CHKD.

PROJECT
PROPOSED BUILDING AT
PLOT NO. E-85/1(W.P.) & E-85
JAGDAMBA NAGAR-E, JAIPUR

DRAWING TITLE
TYPICAL ROOF STUTTERING
LAYOUT PLAN

DRAWN BY: DEEPAK
CHECKED BY: HEMANT KACHHWAHA
DATE: 17-08-2023
REMARK:



STRUCTURE CONSULTANT
S.K. CREATIONS
B-7 GATE NO. 10, DURGAPUR, RAIPUR
(RAJASTHAN) 302018
Email: skcreations14@gmail.com
MO: +91-9353363755

ARCHITECTS
FRANK SQUARE
C-49 VIDYA APARTMENT PARAS MARG
RAIPUR NAGAR, RAIPUR, (RAJ.)
Email: franksquare@gmail.com
Mobile: 9461307542

GENERAL NOTES :-

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- NO 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 BE LIABLE TO DISINTEGRATE DUE TO EARTHQUAKES.
- THE SOIL SHOULD NOT BE 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 PERILES.
- IF IS AVAILABLE TO ALLOW STANDING WATER WHEN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS BEDDING. HAND DRAINING SHALL BE CARRIED OUT WITH AT LEAST 10 PASSES.
- BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DISPOSED.
- 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) 7 DAYS
* BEAM JOINTS (PROPS LEFT UNDER) 14 DAYS
* REMOVAL OF PROPS UNDER SLABS
* SPANNING UP TO 4000 7 DAYS
* SPANNING OVER 4000 14 DAYS
* REMOVAL OF PROPS UNDER BEAMS
* SPANNING UP TO 4000 14 DAYS
* SPANNING OVER 4000 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 $f_y = 550$ N/mm² & 415 N/mm²

CONC. GRADE	Ld-550	Ld-415	Ld-415	Ld-415
M-25	35d	48d	41d	38d
M-35	48d	58d	41d	38d
M-35	41d	53d	34d	27d
M-40	38d	50d	30d	24d

REINFORCING STEEL :-

- ALL REINFORCING STEEL SHALL BE OF TESTED QUALITY CONFORMING TO IS 1786:2008.
- REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 550 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 - ASSCHESULDES
* ROOF M-25
- GRADE OF STEEL SHALL BE FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CHKD.

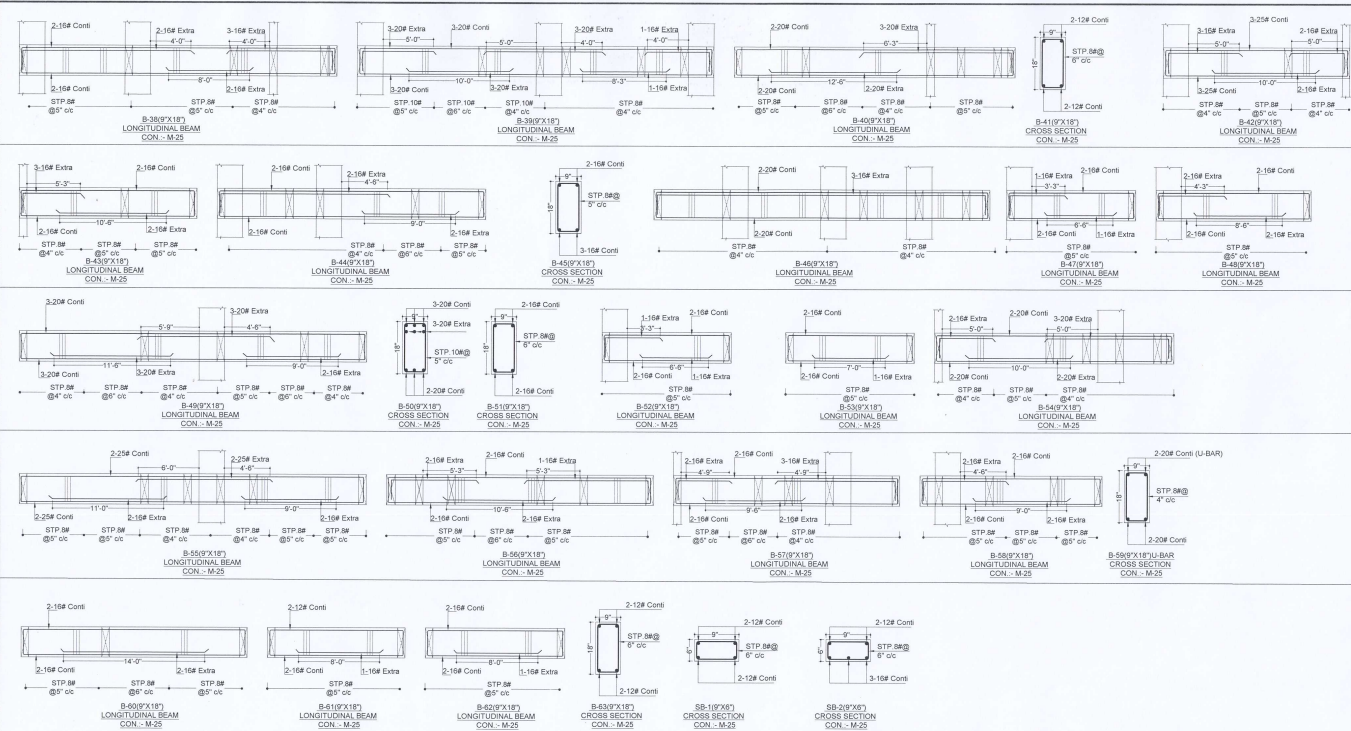
PROJECT
PROPOSED BUILDING AT
PLOT NO. E-85/1(W/P) & E-85
JAGDAMBA NAGAR-E, JAIPUR

DRAWING TITLE
TYPICAL FLOOR BEAM DETAIL

DRAWN BY: DEEPAK
CHECKED BY: HEMANT KACHHWAHA
DATE: 17-08-2023
REMARK:

For S.K. CREATIONS
[Signature]
Proprietor/Manager

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



STRUCTURE CONSULTANT

S.K. CREATIONS

47, GAYTRI NAGAR A, DURGAPURA JAIPUR
(RAJASTHAN) 302018
Email: skcreations.h@gmail.com
Mob: 981-034-38723

ARCHITECTS

FRANK SQUARE

C-49 VIDYA APARTMENT PARAS MARG,
BAPU NAGAR JAIPUR, (RAJ.)
Email: sfranksquare@gmail.com
Mob: 9861313752

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 BE ABLE TO LIQUEFACTION DUE TO EARTHQUAKES

(3) THE SOIL SHOULD NOT BE ABLE TO LANDSLIDE HAZARD

CONSTRUCTION PRACTICE :-

F1 IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED

F2 BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SLOTTED WITHOUT SMALL AND PEBBLES

F3 IF IT IS AVAILABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS WHEN THE SURFACE IS READY. HAND DAMMING SHALL BE CARRIED OUT WITH AT LEAST 10 TO 15 PERCENT

F4 BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN CORROPERED

F5 IN NORMAL CIRCUMSTANCES AND VARENE 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

3 DAYS

7 DAYS

14 DAYS

21 DAYS

* SLABS (PROPS LEFT UNDER)

* BEAM (PROPS LEFT UNDER)

* REMOVAL OF PROPS UNDER SLABS

* SPANNING UP TO 4000

* SPANNING OVER 4000

* REMOVAL OF PROPS UNDER BEAMS

* SPANNING UP TO 10000

* SPANNING OVER 10000

CONCRETE :-

C1 USE CONCRETE GRADE M-20 FOR COLUMNS & M-25 FOR OTHERS

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

C3 DEVELOPMENT LENGTH FOR $F_y = 550$ N/mm² & 415 N/mm²

CONC. GRADE	Ld-550	Ld-550	Ld-415	Ld-415
M-20	57d	48d	41d	38d
M-25	48d	38d	41d	38d
M-30	48d	38d	38d	35d
M-35	41d	32d	34d	27d
M-40	38d	28d	30d	24d

REINFORCING STEEL :-

R1 ALL NEW OR OLD STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS-1786:2008

R2 REFER TO HIGH YIELD STRENGTH DEFORMED BARS WITH CHARACTERISTIC STRENGTH OF 550 N/mm²

R3 CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

* FOUNDATION 50 mm ALL AROUND

* COLUMNS 40 mm ALL AROUND

* BEAMS 30 mm ALL AROUND

* SLABS 20 mm TOP & BOTTOM

* WALLS 20 mm EARTH FACE

* WALLS 20 mm INNER FACE

DESIGN DATA :-

(1) GRADE OF CONCRETE SHALL BE

* FOUNDATION M-20

* COLUMNS M-25

* ROOF M-20

(2) GRADE OF STEEL SHALL BE FE 550D

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT
PLOT-NO. E-85/1(W/P) & E-85
JAGDAMBA NAGAR-E, JAIPUR

DRAWING TITLE

TYPICAL FLOOR BEAM DETAIL

DRAWN BY: DEEPAK

CHECKED BY: HEMANT KACHHWAHA

DATE: 17-08-2023

REMARK:

For S. K. CREATIONS
Hemant Kachhwaha
Proprietor/Manager

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