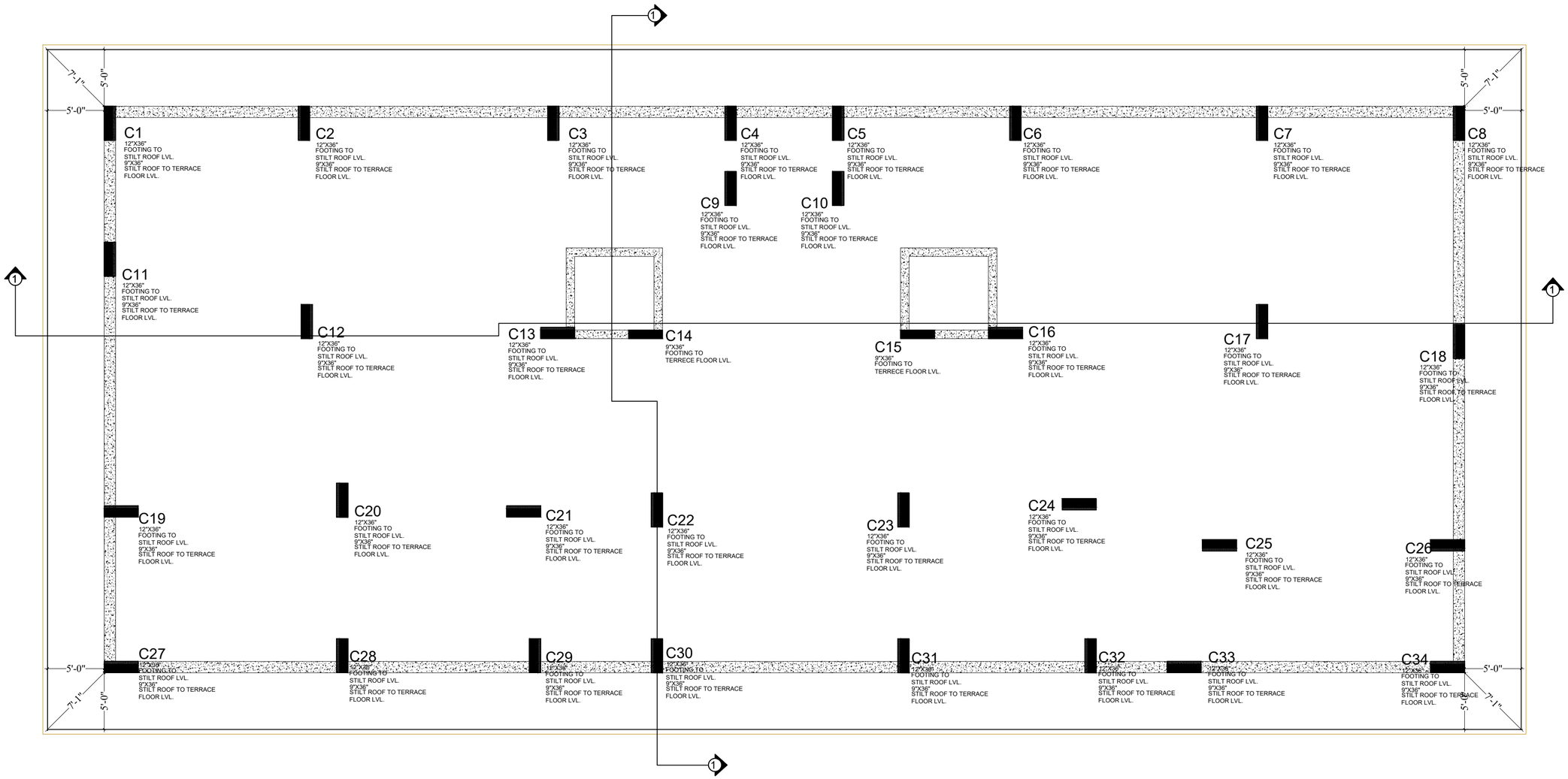

For Parth Sarthi Build Estate (P) Ltd.

Director

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

For S. K. CREATIONS

Proprietor/Manager

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

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA,JAIPUR

(RAJASTHAN) 302018

Email -skcreations.hk@gmail.com

MO. +91-9351388735

ARCHITECTS

FRANK SQUARE

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

GENERAL NOTES :-

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

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

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* SLABS (PROPS LEFT UNDER)	3 DAYS
* BEAM SOFFITS (PROPS LEFT UNDER)	7 DAYS
* REMOVAL OF PROPS UNDER SLABS	
-SPANNING UP TO 4500	7 DAYS
-SPANNING OVER 4500	14 DAYS
* REMOVAL OF PROPS UNDER BEAMS	
-SPANNING UP TO 6000	14 DAYS
-SPANNING OVER 6000	21 DAYS

CONCRETE :-

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

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

REINFORCING STEEL :-

R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

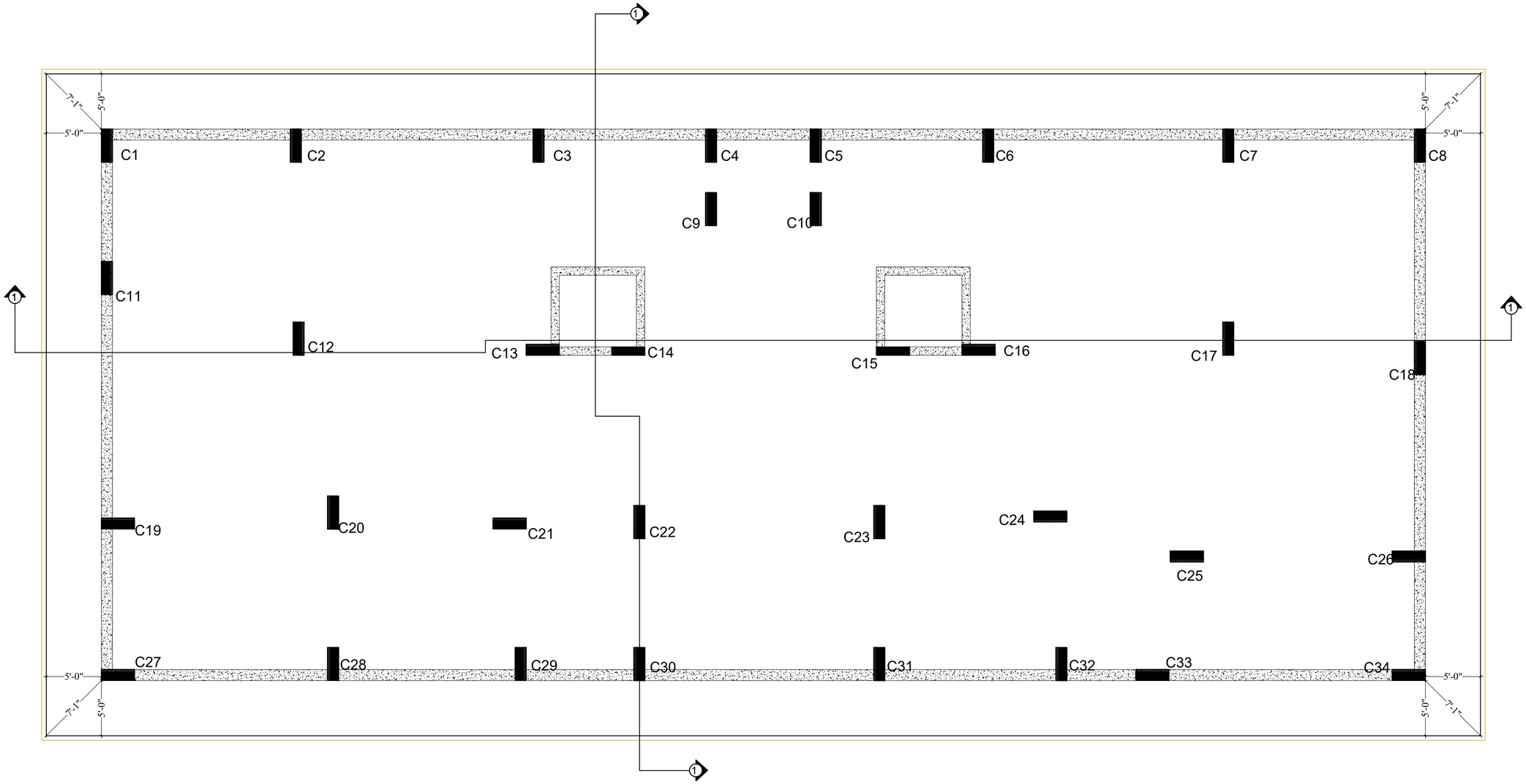
PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

DRAWING TITLE

FOUNDATION COLUMN MARKING PLAN

DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	10.01.2025
REMARK:	



For Parth Sarthi Build Estate (P) Ltd.

Director

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

For S. K. CREATIONS

Proprietor/Manager

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

STRUCTURE CONSULTANT

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GENERAL NOTES :-

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
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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 BEAMS	
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CONCRETE :-

C1. USE CONCRETE GRADE M-25 FOR COLUMNS & M-25 FOR OTHERS
C2. ALL RCC. WORK SHALL BE CARRIED OUT AS PER IS-456-2000.
C3. DEVELOPMENT LENGTH FOR 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
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REINFORCING STEEL :-

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

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

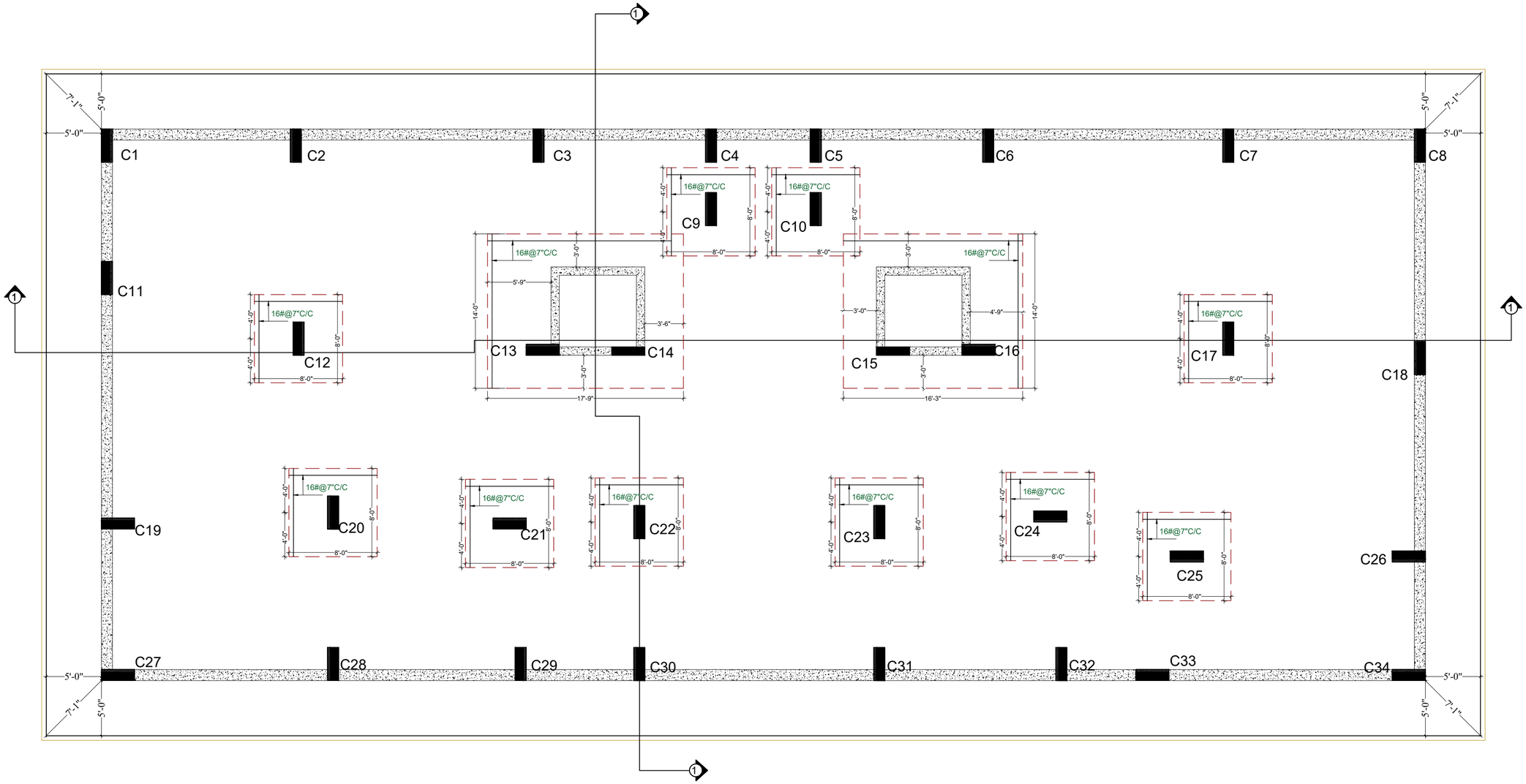
PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

DRAWING TITLE

FOUNDATION LAYOUT PLAN

DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	10.01.2025
REMARK:	



For Parth Sarthi Build Estate (P) Ltd.

Director

Er. Hemant Kachhwaha

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

For S. K. CREATIONS

Proprietor/Manager

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

STRUCTURE CONSULTANT

S.K. CREATIONS

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EXCAVATION CHECK :-

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CONSTRUCTION PRACTICE :-

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CONCRETE :-

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M-35	41Ø	33Ø	34Ø	27Ø
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* COLUMNS - AS/SCHEDULES
* ROOF - M-25
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REVISIONS

NO.	DATE	ISSUED TO	CKD.

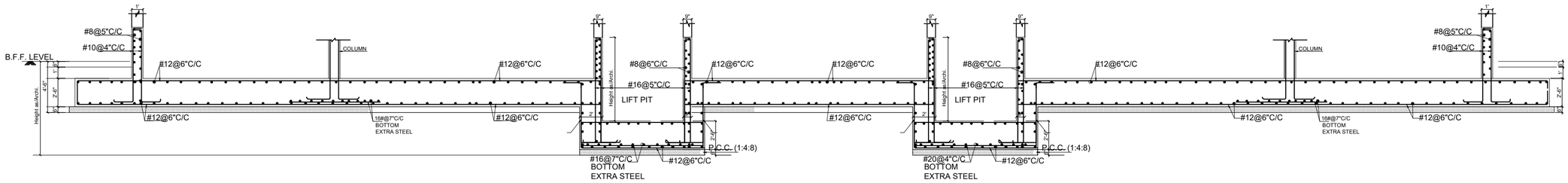
PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

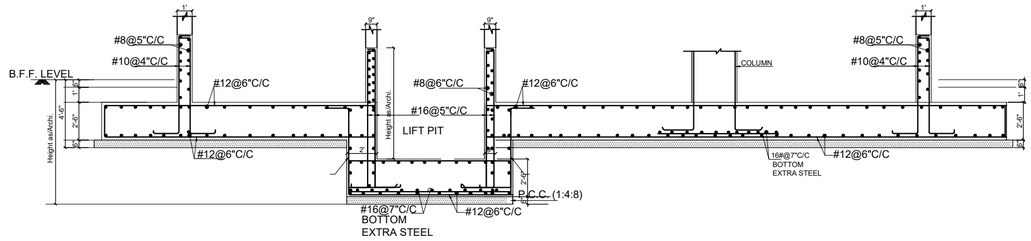
DRAWING TITLE

FOUNDATION BOTTOM EXTRA PLAN

DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	10.01.2025
REMARK:	



RAFT SECTION - 1-1



RAFT SECTION - 2-2

For Parth Sarthi Build Estate (P) Ltd.

Director

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

For S. K. CREATIONS

Proprietor/Manager

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

STRUCTURE CONSULTANT

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CONCRETE :-

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* WALLS	20 mm. INNER FACE

DESIGN DATA :-

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

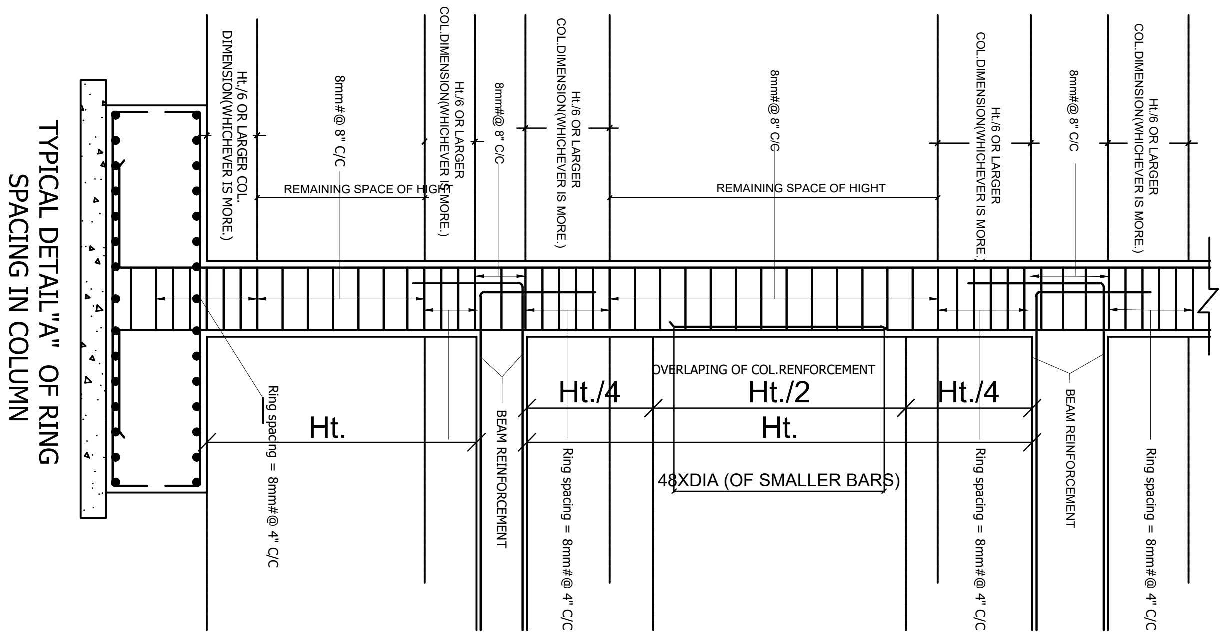
PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

DRAWING TITLE

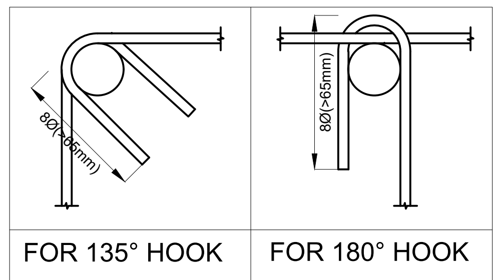
FOUNDATION SECTION DETAIL

DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	10.01.2025
REMARK:	

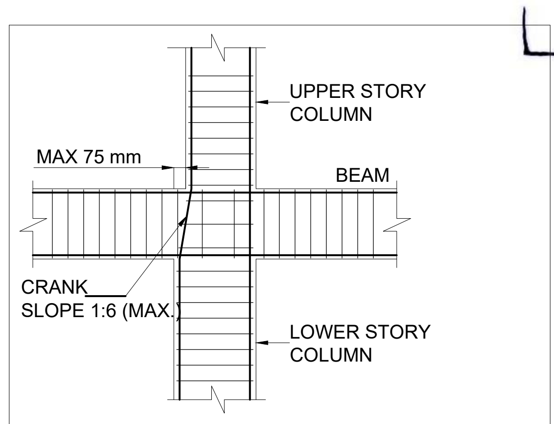
COLUMN	ITEM	C1	C2	C3	C4	C5	C6	C7
FIFTH ROOF TO MUMTY ROOF								
FOURTH ROOF TO FIFTH ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	14#16 / ------	14#16 / ------	8#20 / 6#16	8#20 / 6#16	8#20 / 6#16	8#20 / 6#16	14#16 / ------
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION	14-16#	14-16#	6-16#, 8-20#	6-16#, 8-20#	6-16#, 8-20#	6-16#, 8-20#	14-16#
THIRD ROOF TO FOURTH ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	14#16 / ------	8#20 / 6#16	14#20 / ------	14#20 / ------	14#20 / ------	14#20 / ------	8#20 / 6#16
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION	14-16#	6-16#, 8-20#	14-20#	14-20#	14-20#	14-20#	6-16#, 8-20#
SECOND ROOF TO THIRD ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	8#20 / 6#16	14#20 / ------	4#25 / 10#20	4#25 / 10#20	4#25 / 10#20	4#25 / 10#20	14#20 / ------
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION	6-16#, 8-20#	14-20#	10-20#, 4-25#	10-20#, 4-25#	10-20#, 4-25#	10-20#, 4-25#	14-20#
FIRST ROOF TO SECOND ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	14#20 / ------	4#25 / 10#20	8#25 / 6#20	8#25 / 6#20	8#25 / 6#20	8#25 / 6#20	4#25 / 10#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION	14-20#	10-20#, 4-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	10-20#, 4-25#
GROUND ROOF TO FIRST ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	4#25 / 10#20	8#25 / 6#20	8#25 / 6#20	8#25 / 6#20	8#25 / 6#20	8#25 / 6#20	8#25 / 6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION	10-20#, 4-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#
STILT ROOF TO GROUND ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	8#25 / 6#20	8#25 / 6#20	10#25 / 4#20	10#25 / 4#20	10#25 / 4#20	10#25 / 4#20	8#25 / 6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION	6-20#, 8-25#	6-20#, 8-25#	4-20#, 10-25#	4-20#, 10-25#	4-20#, 10-25#	4-20#, 10-25#	6-20#, 8-25#
BASEMENT ROOF TO STILT ROOF	SIZE	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	8#25 / 8#20	10#25 / 6#20	16#25 / ------	16#25 / ------	16#25 / ------	16#25 / ------	10#25 / 6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION	8-20#, 8-25#	6-20#, 10-25#	16-25#	16-25#	16-25#	16-25#	6-20#, 10-25#
FOUNDATION TO BASEMENT ROOF	SIZE	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	8#25 / 8#20	10#25 / 6#20	16#25 / ------	16#25 / ------	16#25 / ------	16#25 / ------	10#25 / 6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION	8-20#, 8-25#	6-20#, 10-25#	16-25#	16-25#	16-25#	16-25#	6-20#, 10-25#



TYPICAL DETAIL "A" OF RING SPACING IN COLUMN



13 TYPICAL DETAILS OF HOOKS



18 COLUMN REDUCING DETAILUP TO 75 mm

For Parth Sarthi Build Estate (P) Ltd.

Director

Er. Hemant Kachhwaha

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

For S.K CREATIONS

Proprietor/Manager

GRADE OF CONCRETE M-25

GRADE OF STEEL FE - 550D

STRUCTURE CONSULTANT

S.K. CREATIONS

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

Email -skcreations.hk@gmail.com

MO. +91-9351388735

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER

C-49 VIDYA APARTMENT PARAS MARG, BAPU NAGAR JAIPUR, (RAJ.)

Email-afranksquare@gmail.com

Mobile-9461302542

GENERAL NOTES :-

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

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

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

CONCRETE :-

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

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

REINFORCING STEEL :-

R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-
* FOUNDATION -M-25
* COLUMNS - AS/SCHEDULES
* ROOF - M-25

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

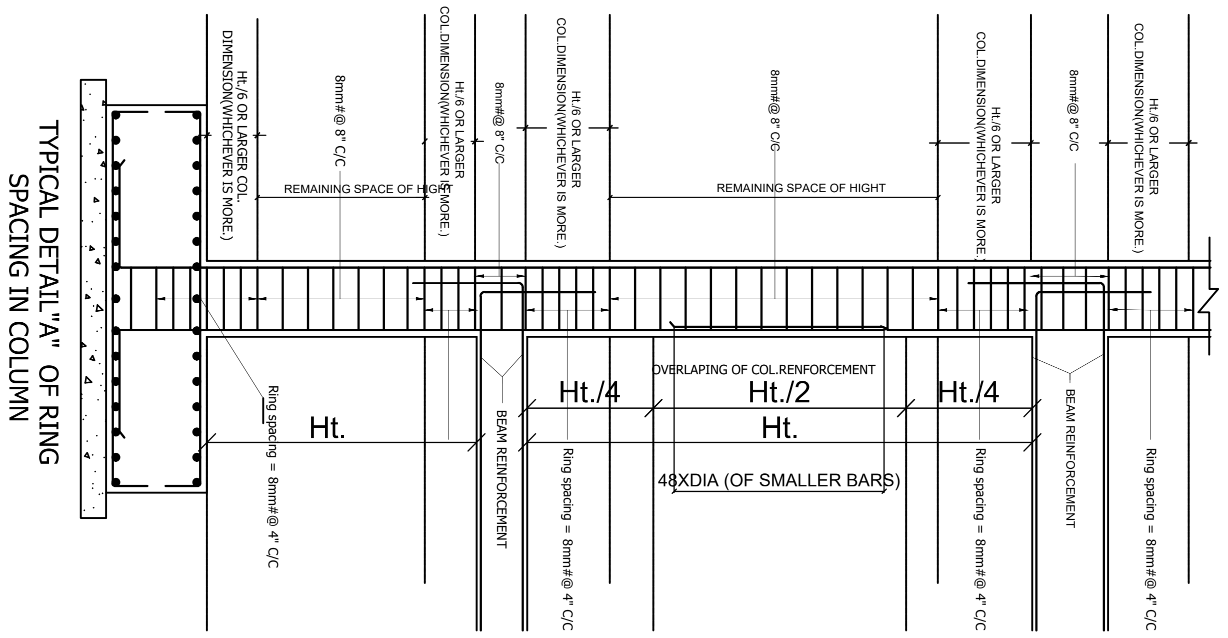
DRAWING TITLE

COLUMN SCHEDULE DETAIL [1]

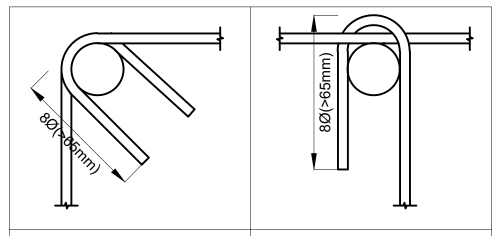
DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	10.01.2025
REMARK:	

COLUMN SCHEDULE DETAIL [2]

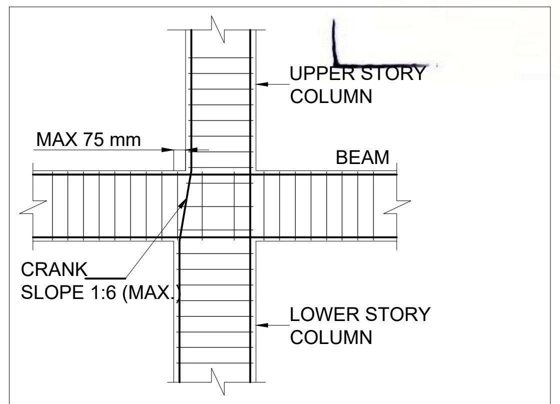
COLUMN	C8	C9	C10	C11	C12	C13	C14
FIFTH ROOF TO MUMTY ROOF							
FOURTH ROOF TO FIFTH ROOF	SIZE 9" x 36" MIX. M-25 REINF. 14#16 / ------- RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 14-16#	SIZE 9" x 36" MIX. M-25 REINF. 8#20 / 6#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-16#, 8-20#	SIZE 9" x 36" MIX. M-25 REINF. 8#20 / 6#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-16#, 8-20#	SIZE 9" x 36" MIX. M-25 REINF. 8#20 / 6#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-16#, 8-20#	SIZE 9" x 36" MIX. M-25 REINF. 8#20 / 6#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-16#, 8-20#	SIZE 9" x 36" MIX. M-25 REINF. 8#20 / 6#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-16#, 8-20#	SIZE 9" x 36" MIX. M-25 REINF. 8#20 / 6#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-16#, 8-20#
THIRD ROOF TO FOURTH ROOF	SIZE 9" x 36" MIX. M-25 REINF. 8#20 / 6#16 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-16#, 8-20#	SIZE 9" x 36" MIX. M-25 REINF. 14#20 / ------ RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 14-20#	SIZE 9" x 36" MIX. M-25 REINF. 14#20 / ------ RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 14-20#	SIZE 9" x 36" MIX. M-25 REINF. 14#20 / ------ RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 14-20#	SIZE 9" x 36" MIX. M-25 REINF. 14#20 / ------ RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 14-20#	SIZE 9" x 36" MIX. M-25 REINF. 14#20 / ------ RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 14-20#	SIZE 9" x 36" MIX. M-25 REINF. 14#20 / ------ RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 14-20#
SECOND ROOF TO THIRD ROOF	SIZE 9" x 36" MIX. M-25 REINF. 14#20 / ------ RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 14-20#	SIZE 9" x 36" MIX. M-25 REINF. 4#25 / 10#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 10-20#, 4-25#	SIZE 9" x 36" MIX. M-25 REINF. 4#25 / 10#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 10-20#, 4-25#	SIZE 9" x 36" MIX. M-25 REINF. 4#25 / 10#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 10-20#, 4-25#	SIZE 9" x 36" MIX. M-25 REINF. 4#25 / 10#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 10-20#, 4-25#	SIZE 9" x 36" MIX. M-25 REINF. 4#25 / 10#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 10-20#, 4-25#	SIZE 9" x 36" MIX. M-25 REINF. 4#25 / 10#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 10-20#, 4-25#
FIRST ROOF TO SECOND ROOF	SIZE 9" x 36" MIX. M-25 REINF. 4#25 / 10#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 10-20#, 4-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#
GROUND ROOF TO FIRST ROOF	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#
STILT ROOF TO GROUND ROOF	SIZE 9" x 36" MIX. M-25 REINF. 8#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 8-25#	SIZE 9" x 36" MIX. M-25 REINF. 10#25 / 4#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 4-20#, 10-25#	SIZE 9" x 36" MIX. M-25 REINF. 10#25 / 4#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 4-20#, 10-25#	SIZE 9" x 36" MIX. M-25 REINF. 10#25 / 4#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 4-20#, 10-25#	SIZE 9" x 36" MIX. M-25 REINF. 10#25 / 4#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 4-20#, 10-25#	SIZE 9" x 36" MIX. M-25 REINF. 10#25 / 4#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 4-20#, 10-25#	SIZE 9" x 36" MIX. M-25 REINF. 10#25 / 4#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 4-20#, 10-25#
BASEMENT ROOF TO STILT ROOF	SIZE 12" x 36" MIX. M-25 REINF. 10#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 10-25#	SIZE 12" x 36" MIX. M-25 REINF. 16#25 / ------- RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 16-25#	SIZE 12" x 36" MIX. M-25 REINF. 16#25 / ------- RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 16-25#	SIZE 12" x 36" MIX. M-25 REINF. 16#25 / ------- RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 16-25#	SIZE 12" x 36" MIX. M-25 REINF. 16#25 / ------- RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 16-25#	SIZE 12" x 36" MIX. M-25 REINF. 16#25 / ------- RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 16-25#	SIZE 9" x 36" MIX. M-25 REINF. 14#25 / ------ RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 14-25#
FOUNDATION TO BASEMENT ROOF	SIZE 12" x 36" MIX. M-25 REINF. 10#25 / 6#20 RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 6-20#, 10-25#	SIZE 12" x 36" MIX. M-25 REINF. 16#25 / ------- RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 16-25#	SIZE 12" x 36" MIX. M-25 REINF. 16#25 / ------- RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 16-25#	SIZE 12" x 36" MIX. M-25 REINF. 16#25 / ------- RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 16-25#	SIZE 12" x 36" MIX. M-25 REINF. 16#25 / ------- RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 16-25#	SIZE 12" x 36" MIX. M-25 REINF. 16#25 / ------- RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 16-25#	SIZE 9" x 36" MIX. M-25 REINF. 14#25 / ------ RINGS AT SUPPORT #8@4"C/C RINGS AT MID SPAN #8@8"C/C 14-25#



TYPICAL DETAIL "A" OF RING SPACING IN COLUMN



13 TYPICAL DETAILS OF HOOKS



18 COLUMN REDUCING DETAILUP TO 75 mm

For Parth Sarthi Build Estate (P) Ltd.
Director

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

For S. K. CREATIONS
Proprietor/Manager

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

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

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

CONSTRUCTION PRACTICE :-

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

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

CONCRETE :-

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

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

REINFORCING STEEL :-

R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-
* FOUNDATION -M-25
* COLUMNS - AS/SCHEDULES
* ROOF - M-25

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

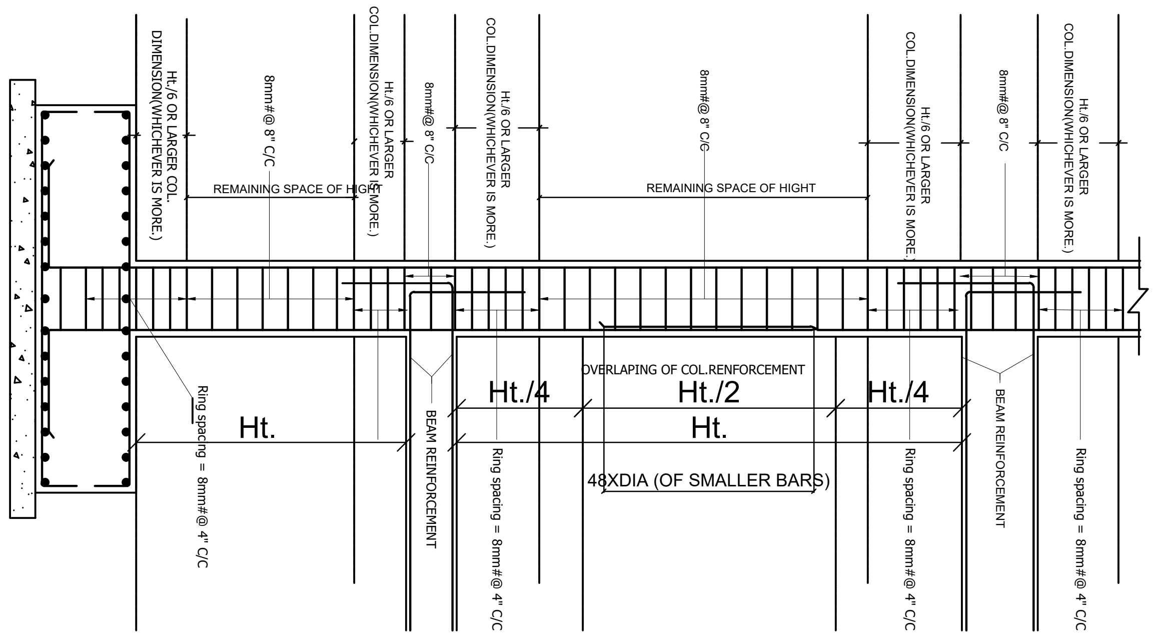
DRAWING TITLE

COLUMN SCHEDULE DETAIL [2]

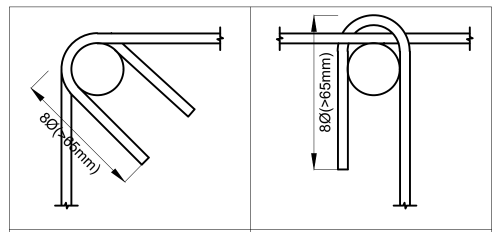
DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	10.01.2025
REMARK:	

COLUMN SCHEDULE

COLUMN	C15	C16	C17	C18	C19	C20	C21
FIFTH ROOF TO MUMTY ROOF							
FOURTH ROOF TO FIFTH ROOF	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#20 / 6#16 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-16#, 8-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#20 / 6#16 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-16#, 8-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#20 / 6#16 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-16#, 8-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#16 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-16#	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#16 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-16#	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#16 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-16#	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#16 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-16#
THIRD ROOF TO FOURTH ROOF	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#20 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#20 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#20 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#20 / 6#16 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-16#, 8-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#20 / 6#16 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-16#, 8-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#20 / 6#16 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-16#, 8-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#16 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-16#
SECOND ROOF TO THIRD ROOF	SIZE: 9" x 36" MIX.: M-25 REINF.: 4#25 / 10#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 10-20#, 4-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 4#25 / 10#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 10-20#, 4-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 4#25 / 10#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 10-20#, 4-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#20 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#20 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#20 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-20#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#20 / 6#16 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-16#, 8-20#
FIRST ROOF TO SECOND ROOF	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 4#25 / 10#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 10-20#, 4-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 4#25 / 10#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 10-20#, 4-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 4#25 / 10#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 10-20#, 4-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#20 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-20#
GROUND ROOF TO FIRST ROOF	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 4#25 / 10#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 10-20#, 4-25#
STILT ROOF TO GROUND ROOF	SIZE: 9" x 36" MIX.: M-25 REINF.: 10#25 / 4#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 4-20#, 10-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 10#25 / 4#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 4-20#, 10-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 10#25 / 4#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 4-20#, 10-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#	SIZE: 9" x 36" MIX.: M-25 REINF.: 8#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 8-25#
BASEMENT ROOF TO STILT ROOF	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#25 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 16#25 / ------- RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 16-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 16#25 / ------- RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 16-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 10#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 10-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 10#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 10-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 10#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 10-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 8#25 / 8#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 8-20#, 8-25#
FOUNDATION TO BASEMENT ROOF	SIZE: 9" x 36" MIX.: M-25 REINF.: 14#25 / ------ RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 14-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 16#25 / ------- RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 16-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 16#25 / ------- RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 16-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 10#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 10-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 10#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 10-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 10#25 / 6#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 6-20#, 10-25#	SIZE: 12" x 36" MIX.: M-25 REINF.: 8#25 / 8#20 RINGS AT SUPPORT: #8@4"C/C RINGS AT MID SPAN: #8@8"C/C 8-20#, 8-25#

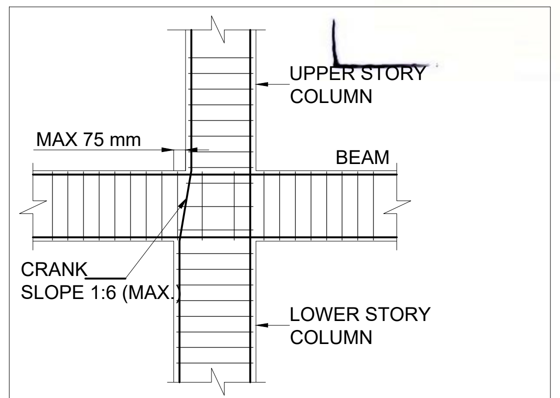


TYPICAL DETAIL "A" OF RING SPACING IN COLUMN



FOR 135° HOOK | FOR 180° HOOK

13 TYPICAL DETAILS OF HOOKS



18 COLUMN REDUCING DETAILUP TO 75 mm

For Parth Sarthi Build Estate (P) Ltd.

Director

Er. Hemant Kachhwaha

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

For S.K. CREATIONS

Proprietor/Manager

GRADE OF CONCRETE M-25

GRADE OF STEEL FE - 550D

STRUCTURE CONSULTANT

S.K. CREATIONS

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

Email -skcreations.hk@gmail.com

MO. +91-9351388735

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER

C-49 VIDYA APARTMENT PARAS MARG, BAPU NAGAR JAIPUR, (RAJ.)

Email-afranksquare@gmail.com

Mobile-9461302542

GENERAL NOTES :-

(1). DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.

(2). ANY DISCREPANCY IN THE DRAWING SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF ARCHITECT, PRIOR TO THE CONSTRUCTION.

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

EXCAVATION CHECK :-

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

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

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

CONSTRUCTION PRACTICE :-

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

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

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

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

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

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

CONCRETE :-

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

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

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

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

REINFORCING STEEL :-

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

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

R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-

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

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

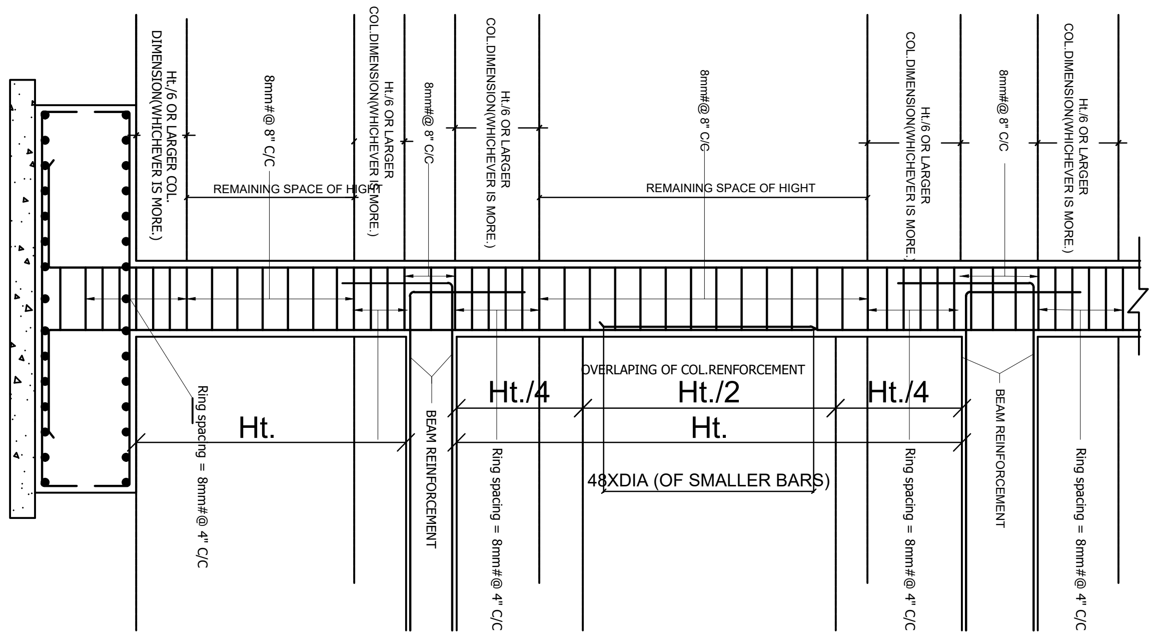
DRAWING TITLE

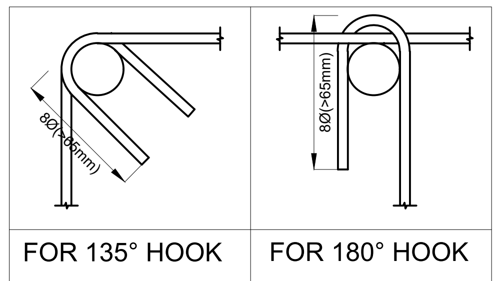
COLUMN SCHEDULE DETAIL [3]

DRAWN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	10.01.2025
REMARK:	

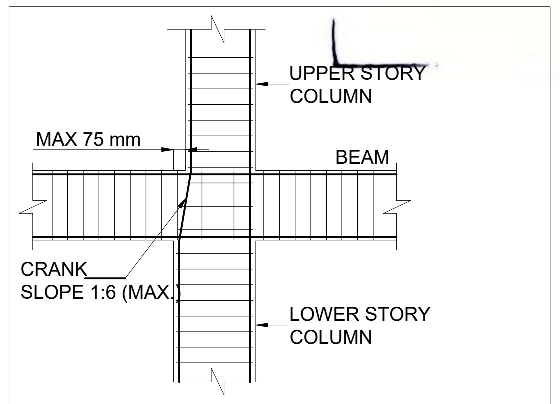
COLUMN		C22	C23	C24	C25	C26	C27	C28
FIFTH ROOF TO MUMTY ROOF								
FOURTH ROOF TO FIFTH ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	14#16	14#16	14#16	14#16	14#16	14#16	14#16
		------	------	------	------	------	------	------
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	14-16#	14-16#	14-16#	14-16#	14-16#	14-16#	14-16#
THIRD ROOF TO FOURTH ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	8#20	8#20	8#20	8#20	8#20	14#16	8#20
		6#16	6#16	6#16	6#16	6#16	------	6#16
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	6-16#, 8-20#	6-16#, 8-20#	6-16#, 8-20#	6-16#, 8-20#	6-16#, 8-20#	14-16#	6-16#, 8-20#
SECOND ROOF TO THIRD ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	14#20	14#20	14#20	14#20	14#20	8#20	14#20
		------	------	------	------	------	6#16	------
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	14-20#	14-20#	14-20#	14-20#	14-20#	6-16#, 8-20#	14-20#
FIRST ROOF TO SECOND ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	4#25	4#25	4#25	4#25	4#25	14#20	4#25
		10#20	10#20	10#20	10#20	10#20	------	10#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	10-20#, 4-25#	10-20#, 4-25#	10-20#, 4-25#	10-20#, 4-25#	10-20#, 4-25#	14-20#	10-20#, 4-25#
GROUND ROOF TO FIRST ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	8#25	8#25	8#25	8#25	8#25	4#25	8#25
		6#20	6#20	6#20	6#20	6#20	10#20	6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	10-20#, 4-25#	6-20#, 8-25#
STILT ROOF TO GROUND ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	8#25	8#25	8#25	8#25	8#25	8#25	8#25
		6#20	6#20	6#20	6#20	6#20	6#20	6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#
BASEMENT ROOF TO STILT ROOF	SIZE	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	10#25	10#25	10#25	10#25	10#25	8#25	10#25
		6#20	6#20	6#20	6#20	6#20	8#20	6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (12" x 36")	6-20#, 10-25#	6-20#, 10-25#	6-20#, 10-25#	6-20#, 10-25#	6-20#, 10-25#	8-20#, 8-25#	6-20#, 10-25#
FOUNDATION TO BASEMENT ROOF	SIZE	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	10#25	10#25	10#25	10#25	10#25	8#25	10#25
		6#20	6#20	6#20	6#20	6#20	8#20	6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (12" x 36")	6-20#, 10-25#	6-20#, 10-25#	6-20#, 10-25#	6-20#, 10-25#	6-20#, 10-25#	8-20#, 8-25#	6-20#, 10-25#

TYPICAL DETAIL "A" OF RING SPACING IN COLUMN





13 TYPICAL DETAILS OF HOOKS



18 COLUMN REDUCING DETAILUP TO 75 mm

For Parth Sarthi Build Estate (P) Ltd.
Director

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

For S. K. CREATIONS
Proprietor/Manager

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

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

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

GENERAL NOTES :-

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

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

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

CONCRETE :-

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

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

REINFORCING STEEL :-

R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-
* FOUNDATION -M-25
* COLUMNS - AS/SCHEDULES
* ROOF - M-25

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

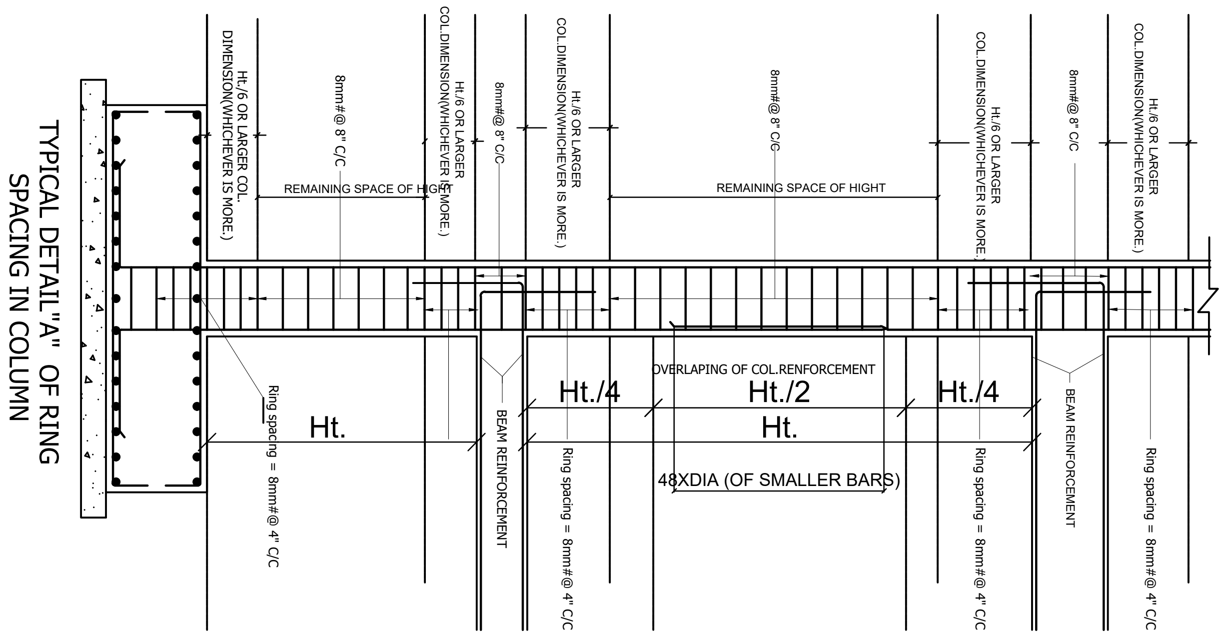
PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

DRAWING TITLE

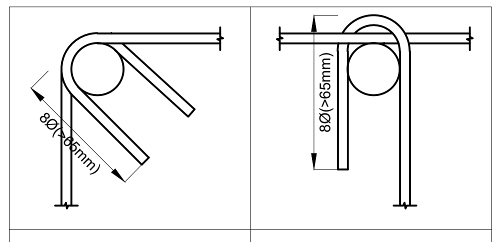
COLUMN SCHEDULE DETAIL [4]

DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	10.01.2025
REMARK:	

COLUMN		C29	C30	C31	C32	C33	C34
FIFTH ROOF TO MUMTY ROOF							
FOURTH ROOF TO FIFTH ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	14#16 / ------	14#16 / ------	14#16 / ------	14#16 / ------	8#20 / 6#16	14#16 / ------
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	14-16#	14-16#	14-16#	14-16#	6-16#, 8-20#	14-16#
THIRD ROOF TO FOURTH ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	14#16 / ------	8#20 / 6#16	8#20 / 6#16	14#16 / ------	14#20 / ------	8#20 / 6#16
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	14-16#	6-16#, 8-20#	6-16#, 8-20#	14-16#	14-20#	6-16#, 8-20#
SECOND ROOF TO THIRD ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	8#20 / 6#16	14#20 / ------	14#20 / ------	8#20 / 6#16	4#25 / 10#20	14#20 / ------
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	6-16#, 8-20#	14-20#	14-20#	6-16#, 8-20#	10-20#, 4-25#	14-20#
FIRST ROOF TO SECOND ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	14#20 / ------	4#25 / 10#20	4#25 / 10#20	14#20 / ------	8#25 / 6#20	4#25 / 10#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	14-20#	10-20#, 4-25#	10-20#, 4-25#	14-20#	6-20#, 8-25#	10-20#, 4-25#
GROUND ROOF TO FIRST ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	4#25 / 10#20	8#25 / 6#20	8#25 / 6#20	4#25 / 10#20	8#25 / 6#20	8#25 / 6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	10-20#, 4-25#	6-20#, 8-25#	6-20#, 8-25#	10-20#, 4-25#	6-20#, 8-25#	6-20#, 8-25#
STILT ROOF TO GROUND ROOF	SIZE	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"	9" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	8#25 / 6#20	8#25 / 6#20	8#25 / 6#20	8#25 / 6#20	10#25 / 4#20	8#25 / 6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (9" x 36")	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	6-20#, 8-25#	4-20#, 10-25#	6-20#, 8-25#
BASEMENT ROOF TO STILT ROOF	SIZE	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	8#25 / 8#20	10#25 / 6#20	10#25 / 6#20	8#25 / 8#20	16#25 / -------	10#25 / 6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (12" x 36")	8-20#, 8-25#	6-20#, 10-25#	6-20#, 10-25#	8-20#, 8-25#	16-25#	6-20#, 10-25#
FOUNDATION TO BASEMENT ROOF	SIZE	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"	12" x 36"
	MIX.	M-25	M-25	M-25	M-25	M-25	M-25
	REINF.	8#25 / 8#20	10#25 / 6#20	10#25 / 6#20	8#25 / 8#20	16#25 / -------	10#25 / 6#20
	RINGS AT SUPPORT	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C	#8@4"C/C
	RINGS AT MID SPAN	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C	#8@8"C/C
	SECTION (12" x 36")	8-20#, 8-25#	6-20#, 10-25#	6-20#, 10-25#	8-20#, 8-25#	16-25#	6-20#, 10-25#



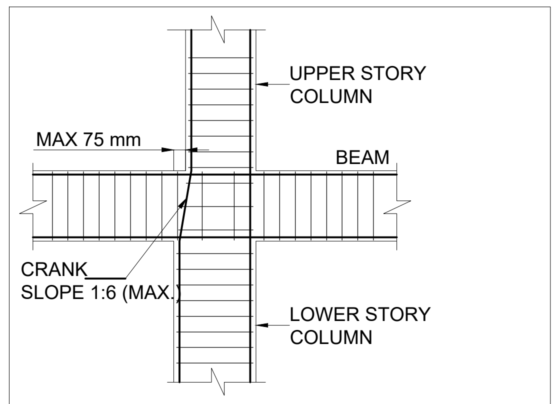
TYPICAL DETAIL "A" OF RING SPACING IN COLUMN



FOR 135° HOOK

FOR 180° HOOK

13 TYPICAL DETAILS OF HOOKS



18 COLUMN REDUCING DETAILUP TO 75 mm

For Parth Sarthi Build Estate (P) Ltd.

Director

Er. Hemant Kachhwaha

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

For S.K. CREATIONS

Proprietor/Manager

GRADE OF CONCRETE M-25

GRADE OF STEEL FE - 550D

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA,JAIPUR

(RAJASTHAN) 302018

Email -skcreations.hk@gmail.com

MO. +91-9351388735

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER

C-49 VIDYA APARTMENT PARAS MARG, BAPU NAGAR JAIPUR, (RAJ.)

Email-afranksquare@gmail.com

Mobile-9461302542

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

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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.

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

CONCRETE :-

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

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

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

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

REINFORCING STEEL :-

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

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

R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-
* FOUNDATION -M-25
* COLUMNS - AS/SCHEDULES
* ROOF - M-25

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

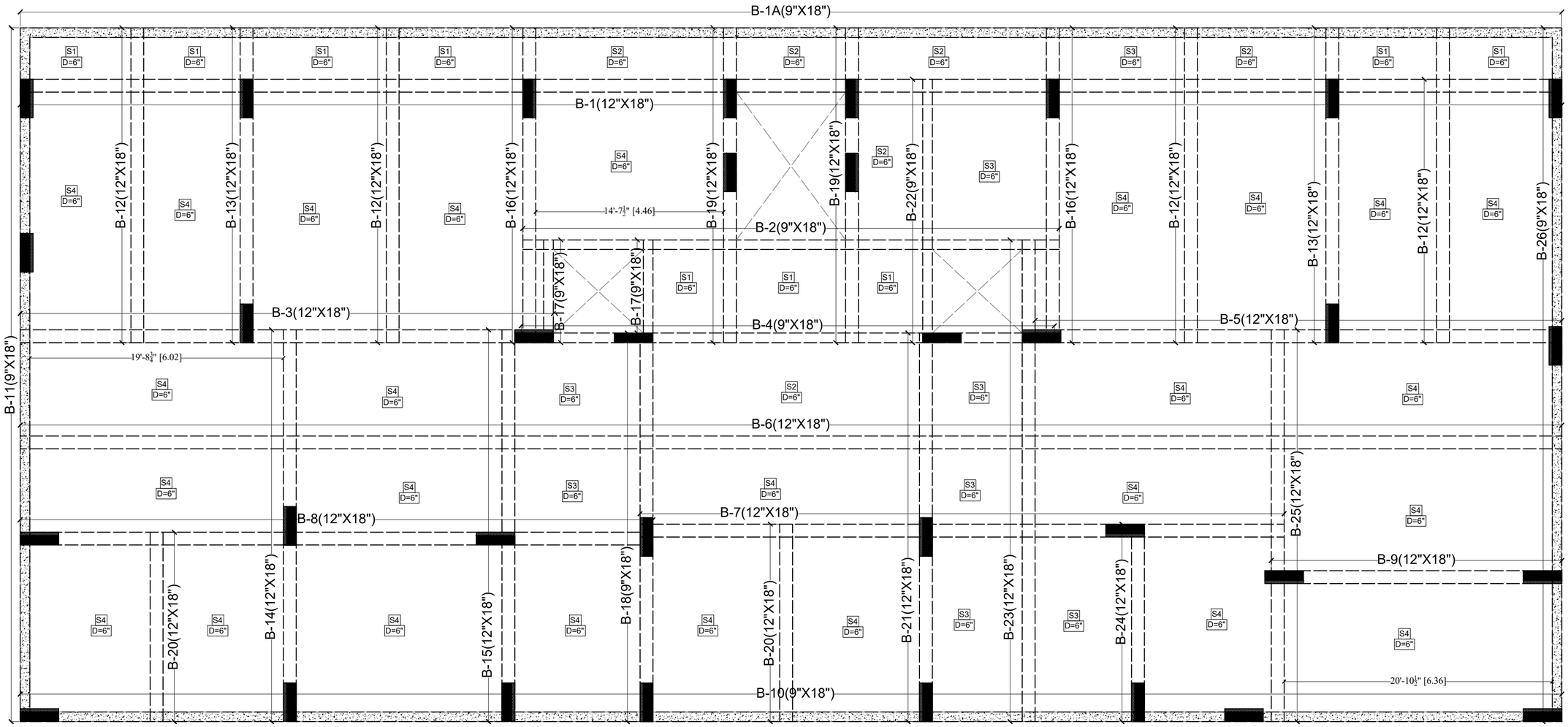
PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

DRAWING TITLE

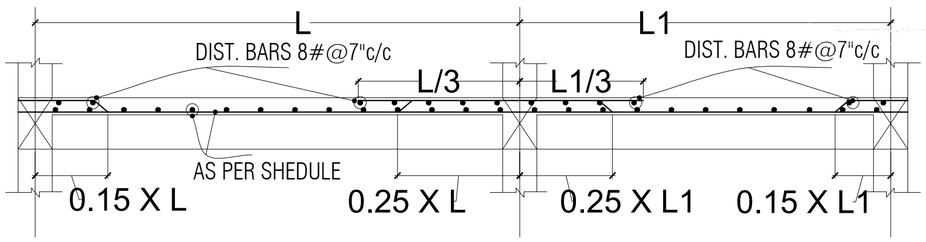
COLUMN SCHEDULE DETAIL [5]

DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	10.01.2025
REMARK:	



For Parth Sarthi Build Estate (P) Ltd.
Director

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



TYP.BAR CURTAILMENT IN SLAB

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/C	#8@5"C/C	#8@7"C/C	0'-6"	M-25
S2	#10@6"C/C	#8@6"C/C	#8@7"C/C	0'-6"	M-25
S3	#10@5"C/C	#10@5"C/C	#8@7"C/C	0'-6"	M-25
S4	#10@4"C/C	#10@6"C/C	#8@7"C/C	0'-6"	M-25

STRUCTURE CONSULTANT

S.K. CREATIONS
67, GAYTRI NAGAR-A, DURGAPURA,JAIPUR
(RAJASTHAN) 302018
Email -skcreations.hk@gmail.com
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ARCHITECTS

FRANK SQUARE
ARCHITECTURE | PLANNER | DESIGNER
C-49 VIDYA APARTMENT PARAS MARG,
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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.
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-SPANNING UP TO 4500	7 DAYS
-SPANNING OVER 4500	14 DAYS
* REMOVAL OF PROPS UNDER BEAMS	
-SPANNING UP TO 6000	14 DAYS
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CONCRETE :-

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

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

REINFORCING STEEL :-

R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
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R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

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

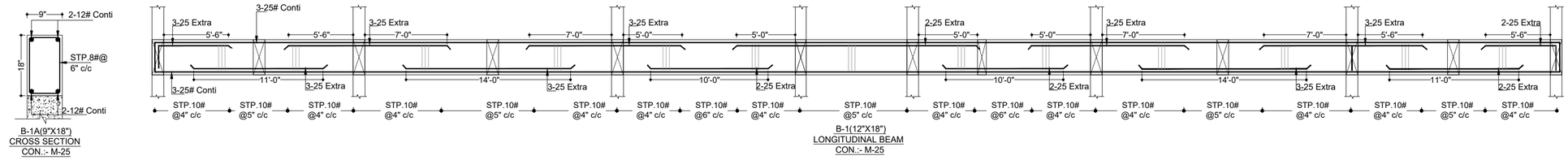
REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT
PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

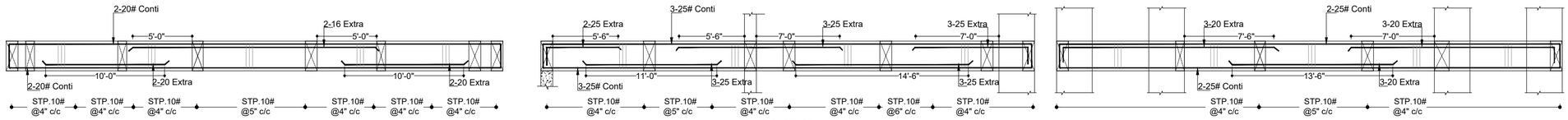
DRAWING TITLE
BASEMENT FLOOR SHUTTERING

DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	27.01.2025
REMARK:	



B-1A(9"X18")
CROSS SECTION
CON.:- M-25

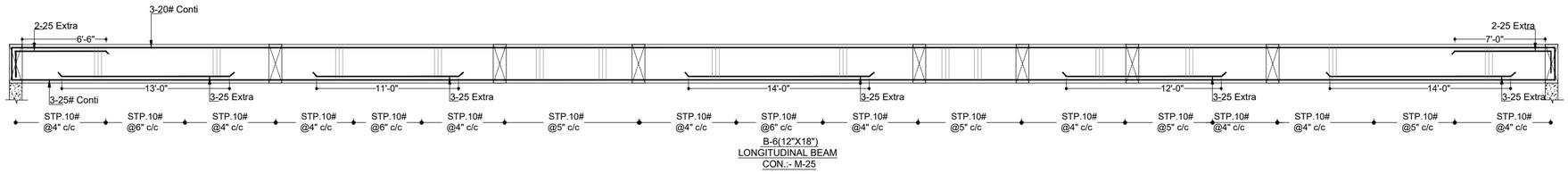
B-1(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



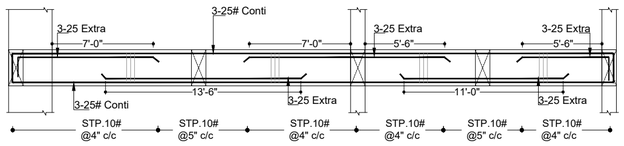
B-2(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-3(12"X18")
LONGITUDINAL BEAM
CON.:- M-25

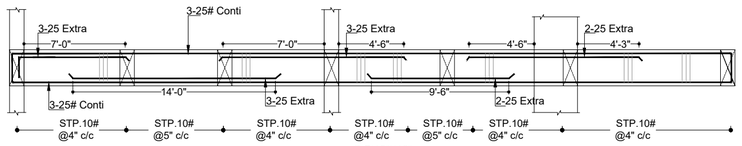
B-4(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



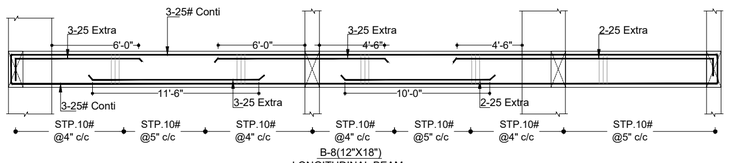
B-6(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



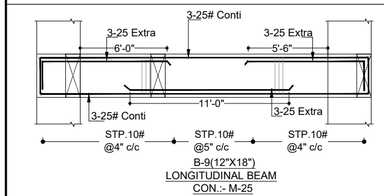
B-5(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



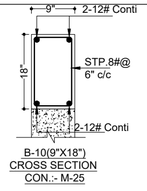
B-7(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



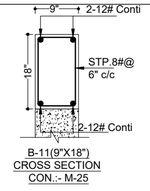
B-8(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



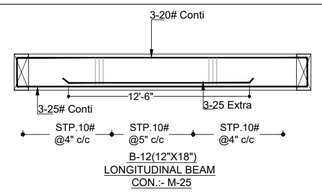
B-9(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



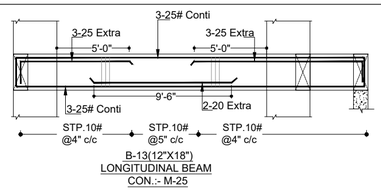
B-10(9"X18")
CROSS SECTION
CON.:- M-25



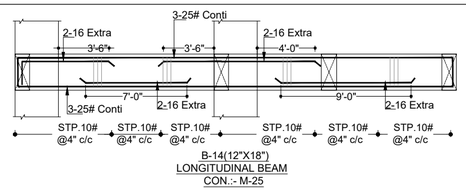
B-11(9"X18")
CROSS SECTION
CON.:- M-25



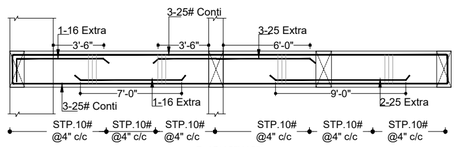
B-12(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



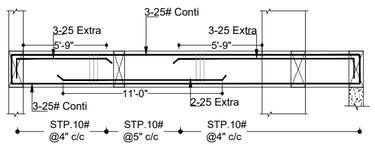
B-13(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



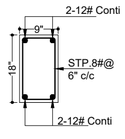
B-14(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



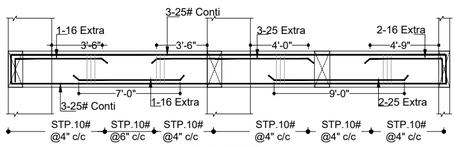
B-15(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



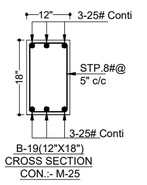
B-16(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



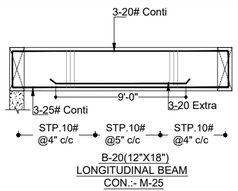
B-17(9"X18")
CROSS SECTION
CON.:- M-25



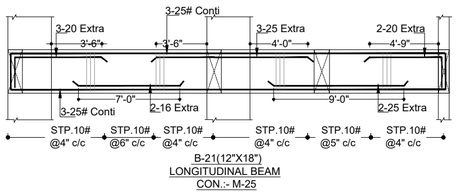
B-18(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



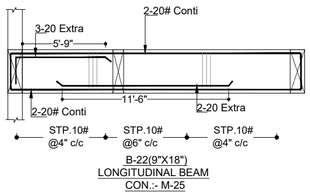
B-19(12"X18")
CROSS SECTION
CON.:- M-25



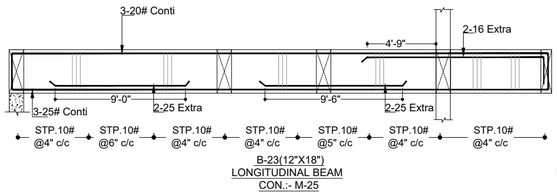
B-20(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



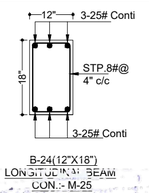
B-21(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



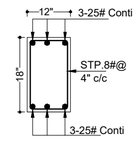
B-22(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



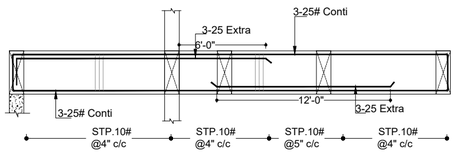
B-23(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



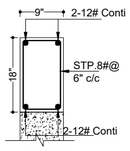
B-24(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



B-24(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



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



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

For Parth Sarthi Build Estate (P) Ltd.
Director

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

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA,JAIPUR

(RAJASTHAN) 302018

Email -skcreations.hk@gmail.com

MO. +91-9351388735

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER

C-49 VIDYA APARTMENT PARAS MARG, BAPU NAGAR JAIPUR, (RAJ.)

Email-afranksquare@gmail.com

Mobile-9461302542

GENERAL NOTES :-

(1). DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.

(2). ANY DISCREPANCY IN THE DRAWING SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF ARCHITECT, PRIOR TO THE CONSTRUCTION.

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

EXCAVATION CHECK :-

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

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

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

CONSTRUCTION PRACTICE :-

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

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

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

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

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

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

CONCRETE :-

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

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

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

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

REINFORCING STEEL :-

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

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

R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-

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

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

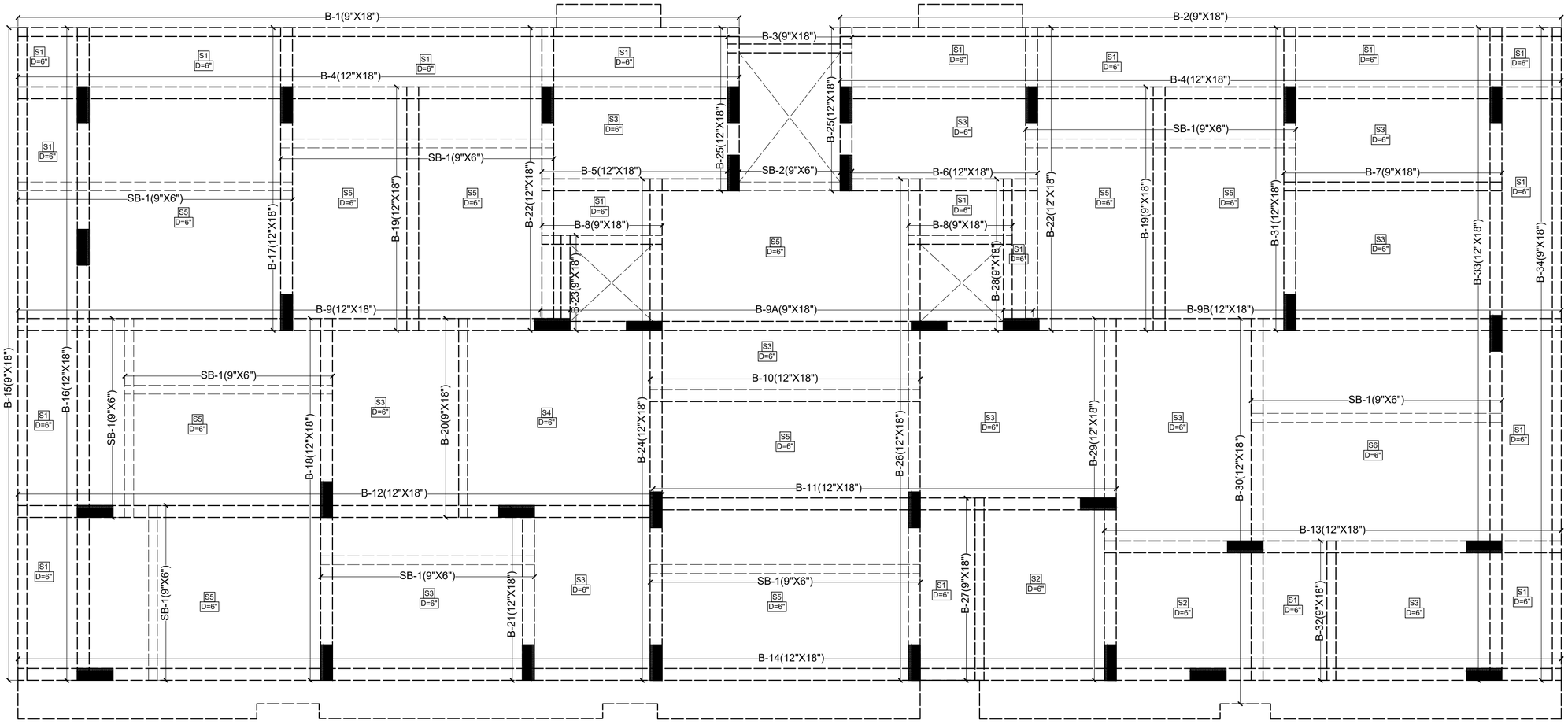
PROJECT

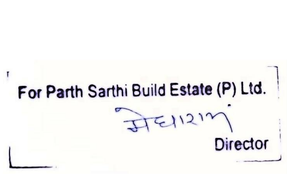
PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

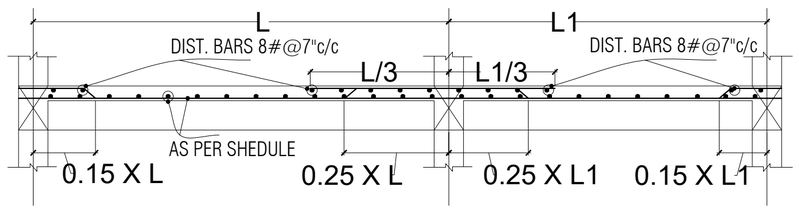
DRAWING TITLE

BASEMENT ROOF BEAM DETAIL

DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	27.01.2025
REMARK:	







TYP.BAR CURTAILMENT IN SLAB

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/C	#8@5"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@6"C/C	#10@6"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
S6	#10@4"C/C	#10@4"C/C	#8@7"C/C	0'-6"	M-25

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA,JAIPUR

(RAJASTHAN) 302018

Email -skcreations.hk@gmail.com

MO. +91-9351388735

ARCHITECTS

FRANK SQUARE

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

GENERAL NOTES :-

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, 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.
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* SLABS (PROPS LEFT UNDER)	3 DAYS
* BEAM SOFFITS (PROPS LEFT UNDER)	7 DAYS
* REMOVAL OF PROPS UNDER SLABS	
-SPANNING UP TO 4500	7 DAYS
-SPANNING OVER 4500	14 DAYS
* REMOVAL OF PROPS UNDER BEAMS	
-SPANNING UP TO 6000	14 DAYS
-SPANNING OVER 6000	21 DAYS

CONCRETE :-

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

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

REINFORCING STEEL :-

R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

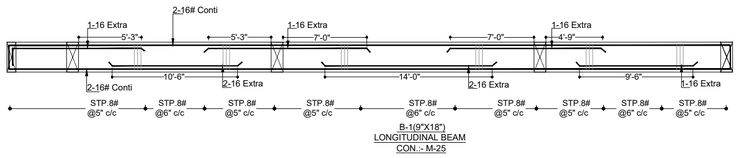
PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

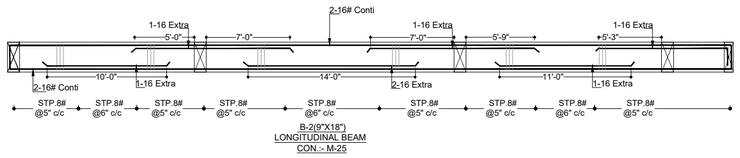
DRAWING TITLE

STILT FLOOR SHUTTERING LAYOUT PLAN

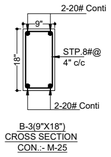
DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	28.01.2025
REMARK:	



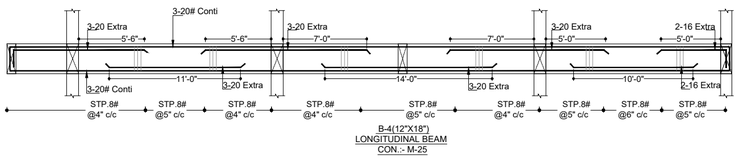
B-1(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



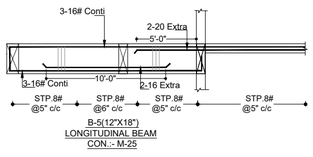
B-2(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



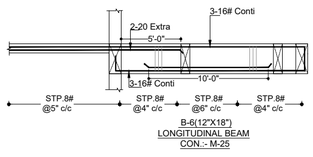
B-3(9"X18")
CROSS SECTION
CON.:- M-25



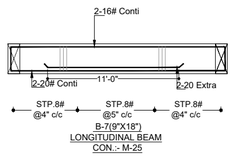
B-4(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



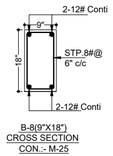
B-5(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



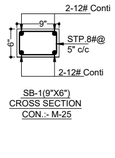
B-6(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



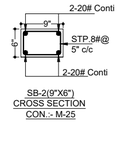
B-7(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



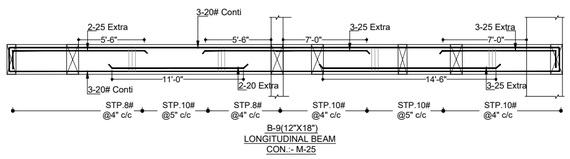
B-8(9"X18")
CROSS SECTION
CON.:- M-25



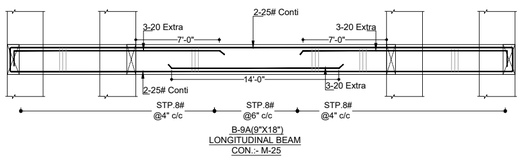
SB-1(9"X6")
CROSS SECTION
CON.:- M-25



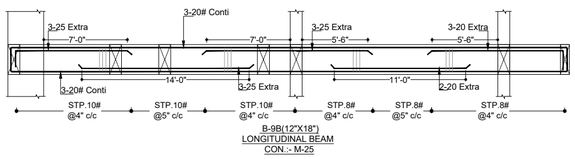
SB-2(9"X6")
CROSS SECTION
CON.:- M-25



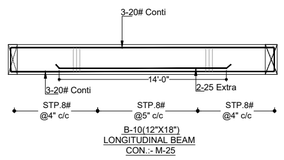
B-9(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



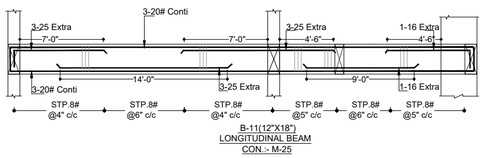
B-9A(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



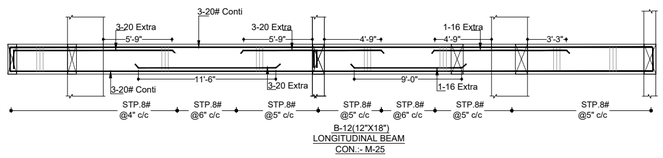
B-9B(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



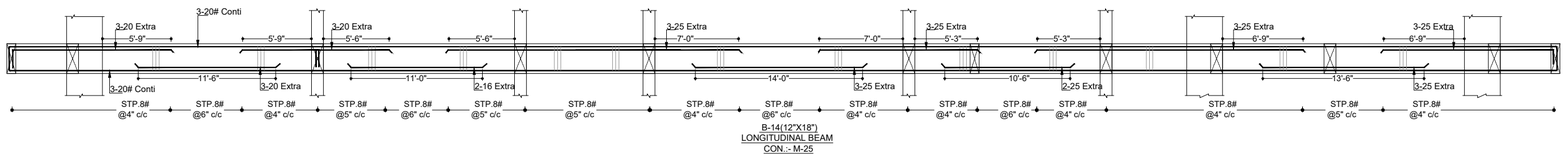
B-10(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



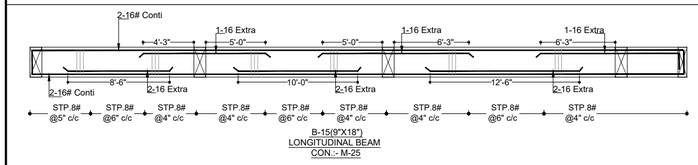
B-11(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



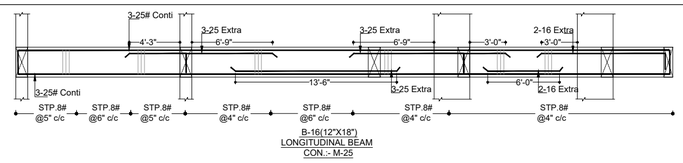
B-12(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



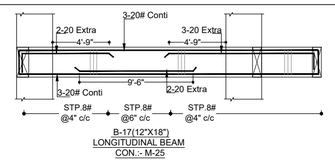
B-14(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



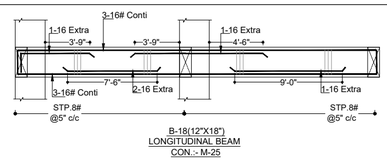
B-15(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



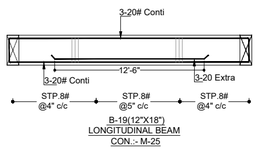
B-16(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



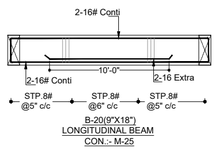
B-17(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



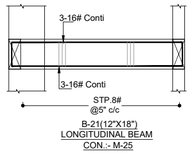
B-18(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



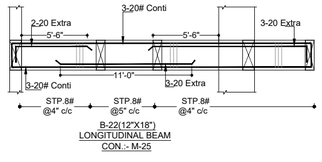
B-19(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



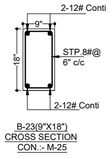
B-20(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



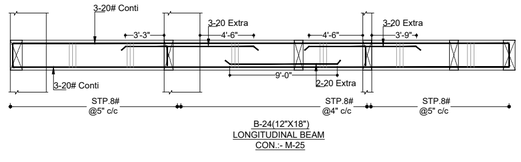
B-21(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



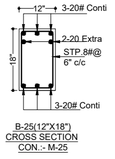
B-22(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



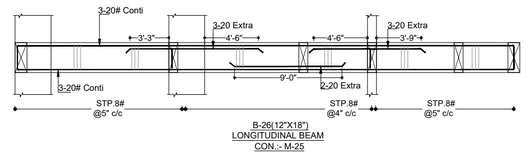
B-23(9"X18")
CROSS SECTION
CON.:- M-25



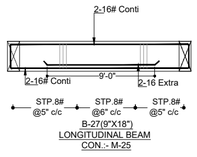
B-24(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



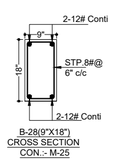
B-25(12"X18")
CROSS SECTION
CON.:- M-25



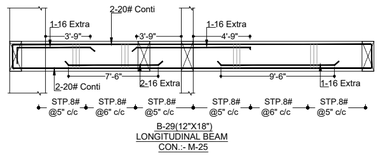
B-26(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



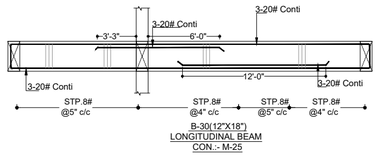
B-27(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



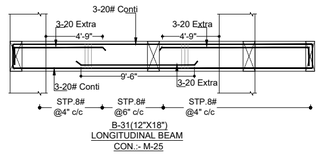
B-28(9"X18")
CROSS SECTION
CON.:- M-25



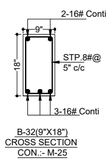
B-29(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



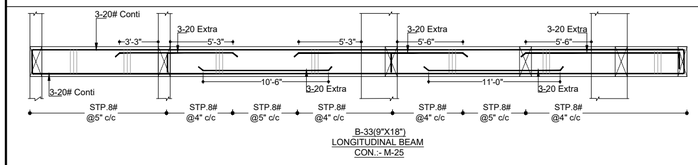
B-30(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



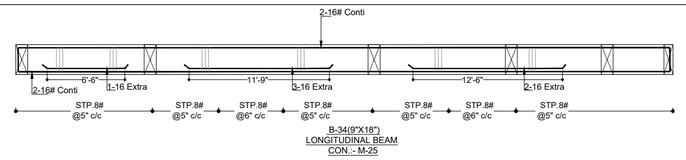
B-31(12"X18")
LONGITUDINAL BEAM
CON.:- M-25



B-32(9"X18")
CROSS SECTION
CON.:- M-25



B-33(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



B-34(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

For Parth Sarthi Build Estate (P) Ltd.
Director

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

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA,JAIPUR

(RAJASTHAN) 302018

Email -skcreations.hk@gmail.com

MO. +91-9351388735

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER

C-49 VIDYA APARTMENT PARAS MARG,
BAPU NAGAR JAIPUR, (RAJ.)

Email-afranksquare@gmail.com

Mobile-9461302542

GENERAL NOTES :-

(1). DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.

(2). ANY DISCREPANCY IN THE DRAWING SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF ARCHITECT, PRIOR TO THE CONSTRUCTION.

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

EXCAVATION CHECK :-

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

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

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

CONSTRUCTION PRACTICE :-

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

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

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

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

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

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

CONCRETE :-

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

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

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

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

REINFORCING STEEL :-

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

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

R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-

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

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

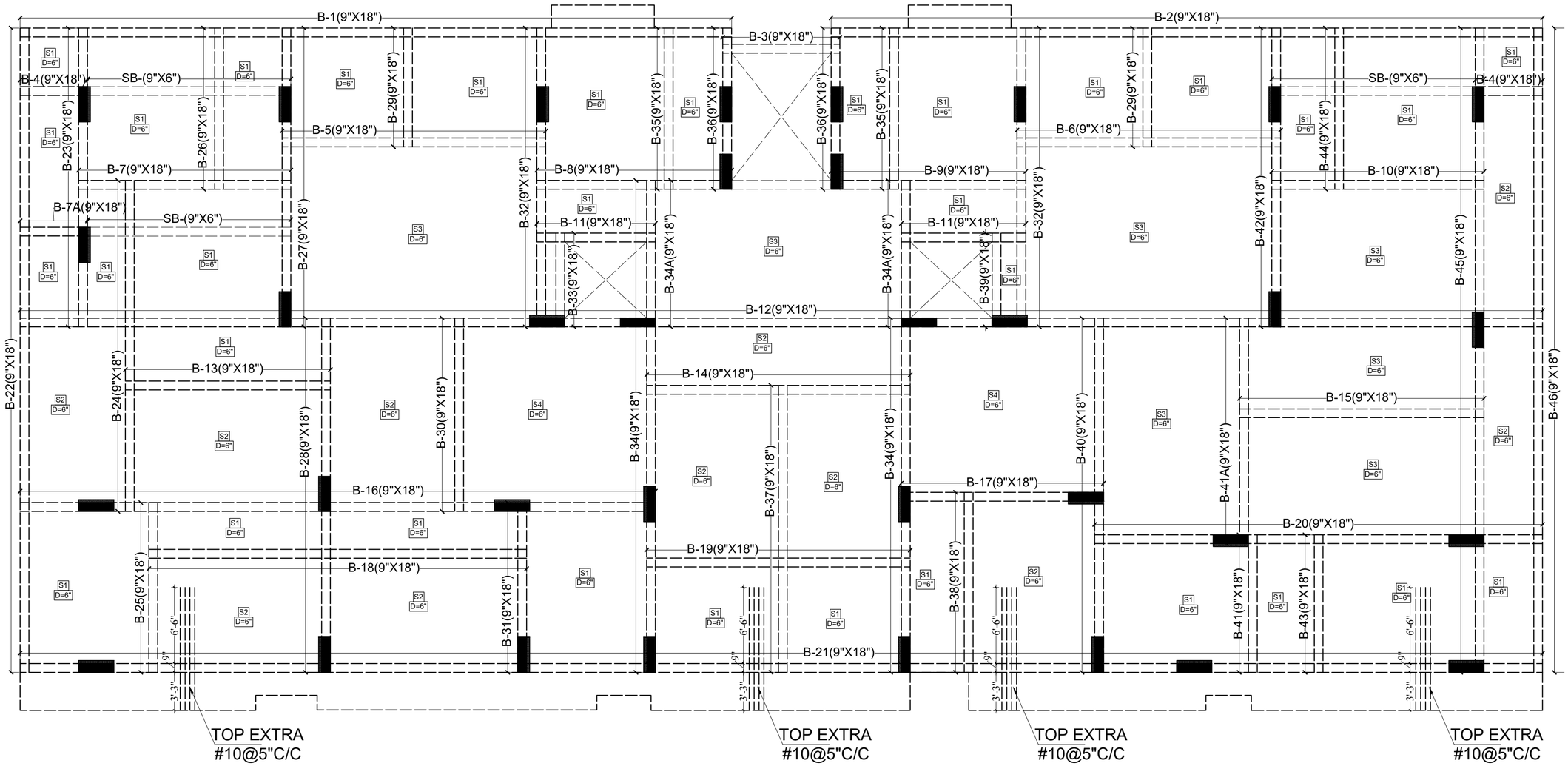
PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

DRAWING TITLE

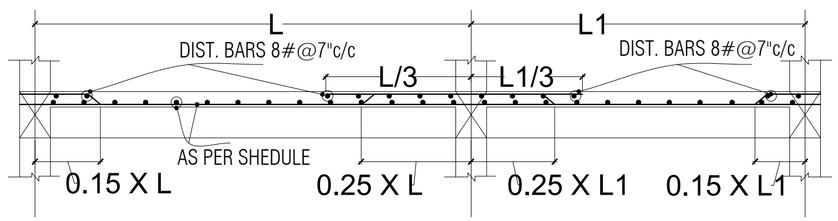
STILT FLOOR BEAM DETAIL

DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	28.01.2025
REMARK:	



For Parth Sarthi Build Estate (P) Ltd.
Director

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



TYP.BAR CURTAILMENT IN SLAB

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/C	#8@5"C/C	#8@7"C/C	0'-6"	M-25
S2	#10@6"C/C	#8@6"C/C	#8@7"C/C	0'-6"	M-25
S3	#10@4"C/C	#10@6"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

STRUCTURE CONSULTANT

S.K. CREATIONS
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(RAJASTHAN) 302018
Email -skcreations.hk@gmail.com
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ARCHITECTS

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

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
P2. BACK FILLING AROUND THE FOUNDATIONS SHALL BE CARRIED OUT USING SOIL,SAND WITHOUT GRAVEL AND PEBBLES.
P3. IT IS ADVISABLE TO ALLOW STANDING WATER IN THE EXCAVATION TRENCHES FOR 24 HOURS. WHEN THE SURFACE IS SEMIDRY, HAND RAMMING SHALL BE CARRIED OUT WITH AT LEAST 6 TO 8 PASSES.
P4. BACK FILLING OF BASEMENT WALLS SHALL BE DONE ONLY AFTER THE ROOF SLAB HAS BEEN DEPROPPED.
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* SLABS (PROPS LEFT UNDER)	3 DAYS
* BEAM SOFFITS (PROPS LEFT UNDER)	7 DAYS
* REMOVAL OF PROPS UNDER SLABS	
-SPANNING UP TO 4500	7 DAYS
-SPANNING OVER 4500	14 DAYS
* REMOVAL OF PROPS UNDER BEAMS	
-SPANNING UP TO 6000	14 DAYS
-SPANNING OVER 6000	21 DAYS

CONCRETE :-

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

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

REINFORCING STEEL :-

R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

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

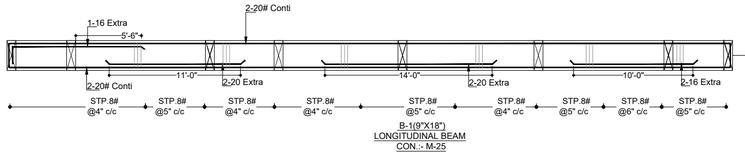
REVISIONS

NO.	DATE	ISSUED TO	CKD.

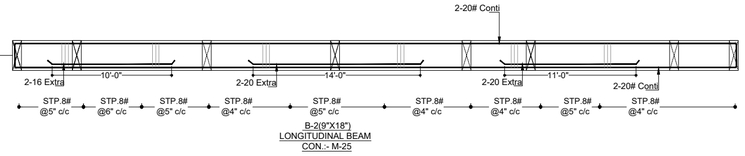
PROJECT
PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

DRAWING TITLE
FIRST TO FIFTH FLOOR SHUTTERING LAYOUT PLAN

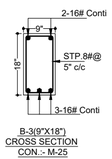
DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	25.02.2025
REMARK:	



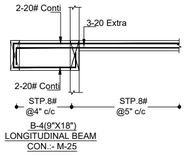
B-1(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



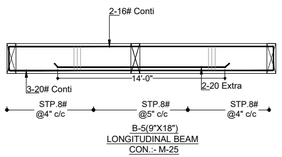
B-2(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



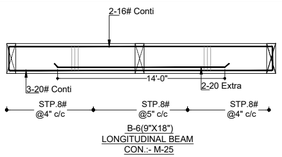
B-3(9"X18")
CROSS SECTION
CON.:- M-25



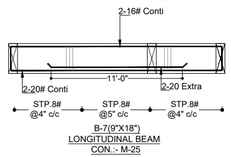
B-4(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



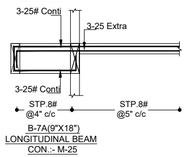
B-5(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



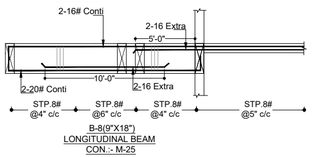
B-6(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



B-7(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



B-7A(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



B-8(9"X18")
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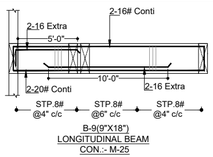
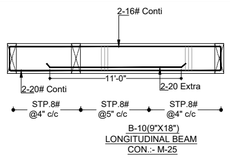
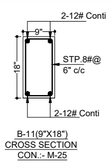
CON.:- M-25



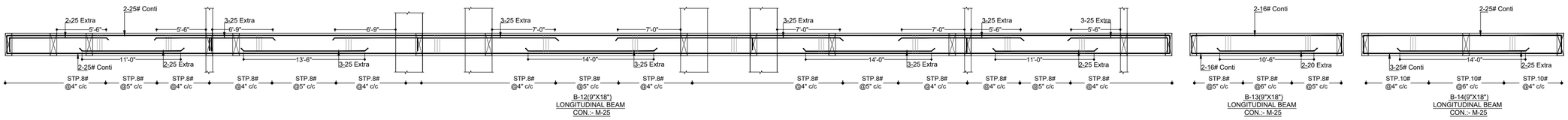
B-9(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



B-10(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



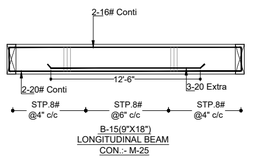
B-11(9"X18")
CROSS SECTION
CON.:- M-25



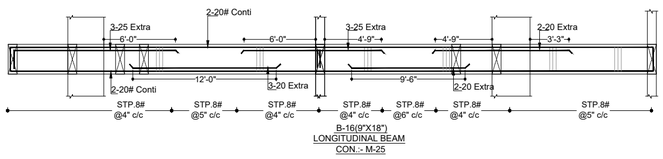
B-12(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-13(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

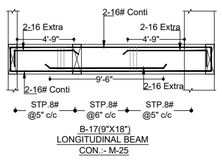
B-14(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



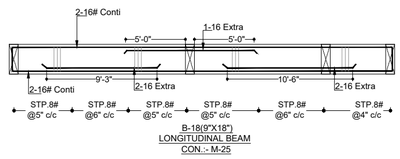
B-15(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



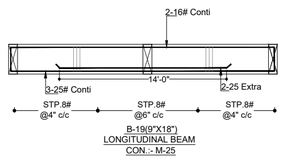
B-16(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



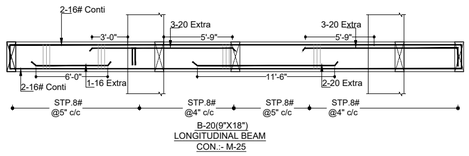
B-17(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



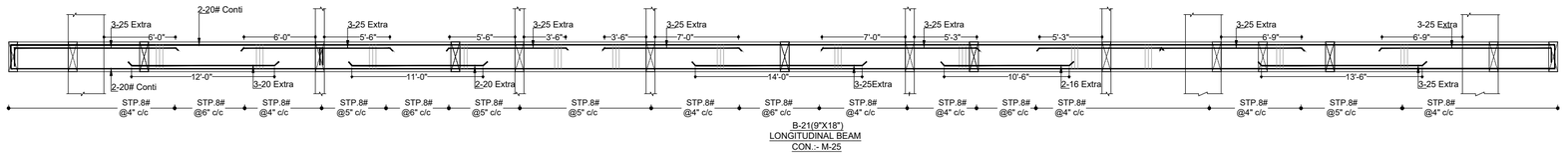
B-18(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



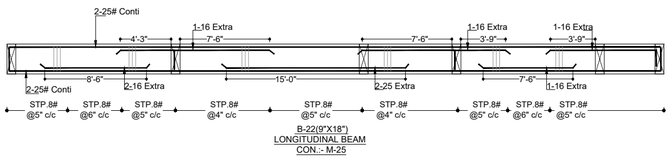
B-19(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



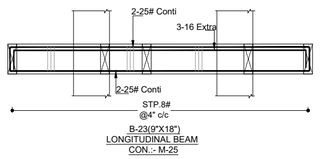
B-20(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



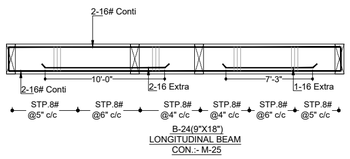
B-21(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



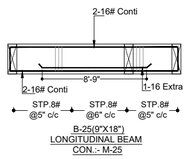
B-22(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



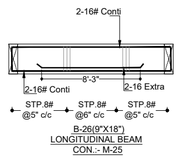
B-23(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



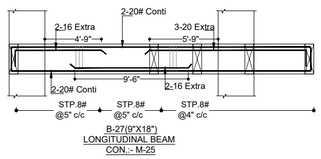
B-24(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



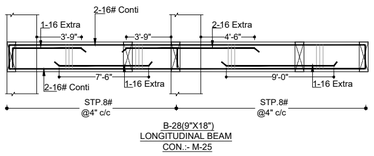
B-25(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



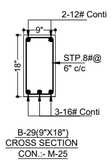
B-26(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



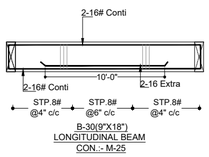
B-27(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



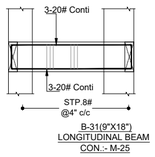
B-28(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



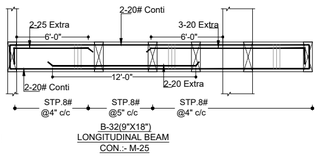
B-29(9"X18")
CROSS SECTION
CON.:- M-25



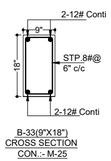
B-30(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



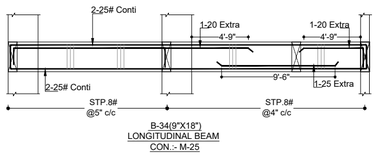
B-31(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



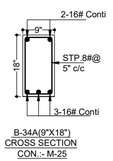
B-32(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



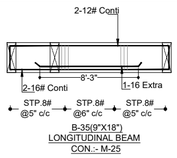
B-33(9"X18")
CROSS SECTION
CON.:- M-25



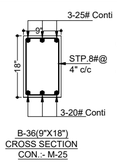
B-34(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



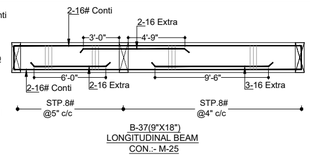
B-34A(9"X18")
CROSS SECTION
CON.:- M-25



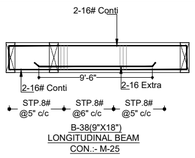
B-35(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



B-36(9"X18")
CROSS SECTION
CON.:- M-25



B-37(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



B-38(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-39(9"X18")
CROSS SECTION
CON.:- M-25

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

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

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

B-42(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-43(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-44(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-45(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-46(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

For Parth Sarthi Build Estate (P) Ltd.
Director

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

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA,JAIPUR

(RAJASTHAN) 302018

Email -skcreations.hk@gmail.com

MO. +91-9351388735

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER

C-49 VIDYA APARTMENT PARAS MARG, BAPU NAGAR JAIPUR, (RAJ.)

Email-afranksquare@gmail.com

Mobile-9461302542

GENERAL NOTES :-

(1). DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.

(2). ANY DISCREPANCY IN THE DRAWING SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF ARCHITECT, PRIOR TO THE CONSTRUCTION.

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

EXCAVATION CHECK :-

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

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

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

CONSTRUCTION PRACTICE :-

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

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

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

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

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

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

CONCRETE :-

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

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

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

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

REINFORCING STEEL :-

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

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

R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-

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

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

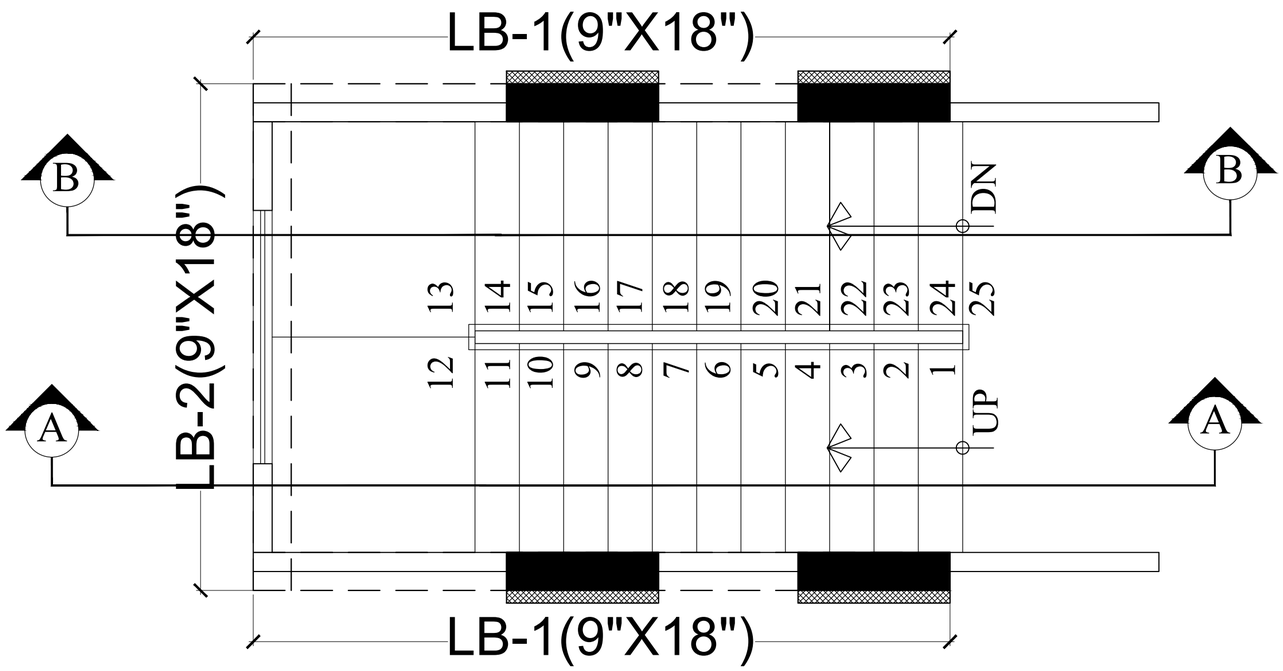
PROJECT

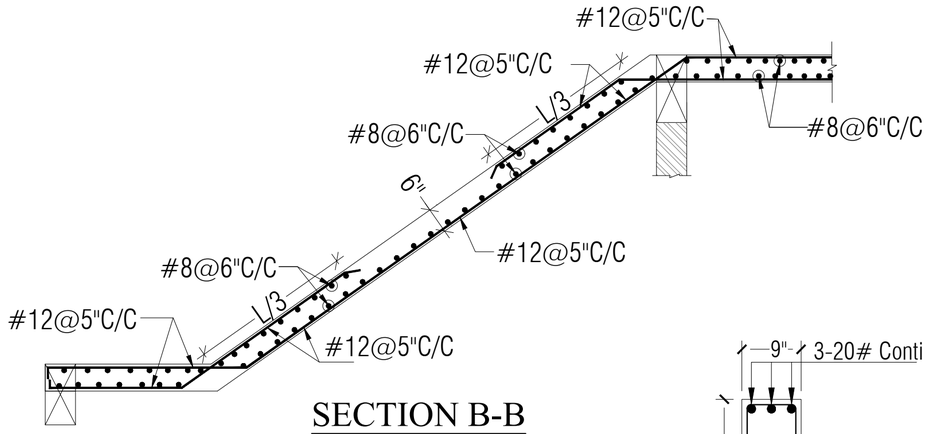
PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

DRAWING TITLE

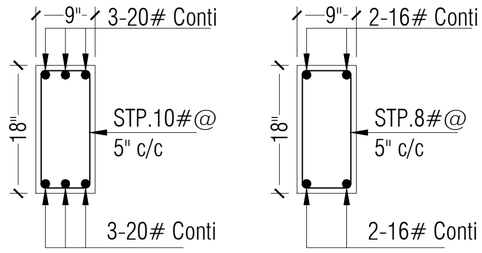
FIRST TO FIFTH FLOOR BEAM DETAIL

DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	25.02.2025
REMARK:	



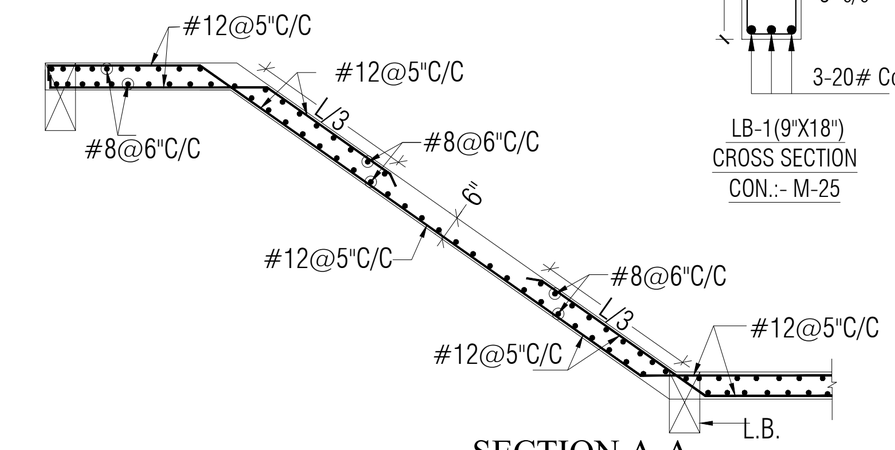


SECTION B-B



LB-1(9"X18")
CROSS SECTION
CON.:- M-25

LB-2(9"X18")
CROSS SECTION
CON.:- M-25



SECTION A-A

For Parth Sarthi Build Estate (P) Ltd.
Director

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

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

STRUCTURE CONSULTANT

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

ARCHITECTS

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

GENERAL NOTES :-

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

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

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

CONCRETE :-

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

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

REINFORCING STEEL :-

R1. ALL REINFORCEING STEEL WILL BE OF TESTED QUALITY CONFORMING TO IS:1786:2008.
R2. REFER TO HIGH YEILD STRENGTH DEFORMED BARS WITH CHARACTERSTIC STRENGTH OF 550D N/mm².
R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

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

REVISIONS

NO.	DATE	ISSUED TO	CKD.

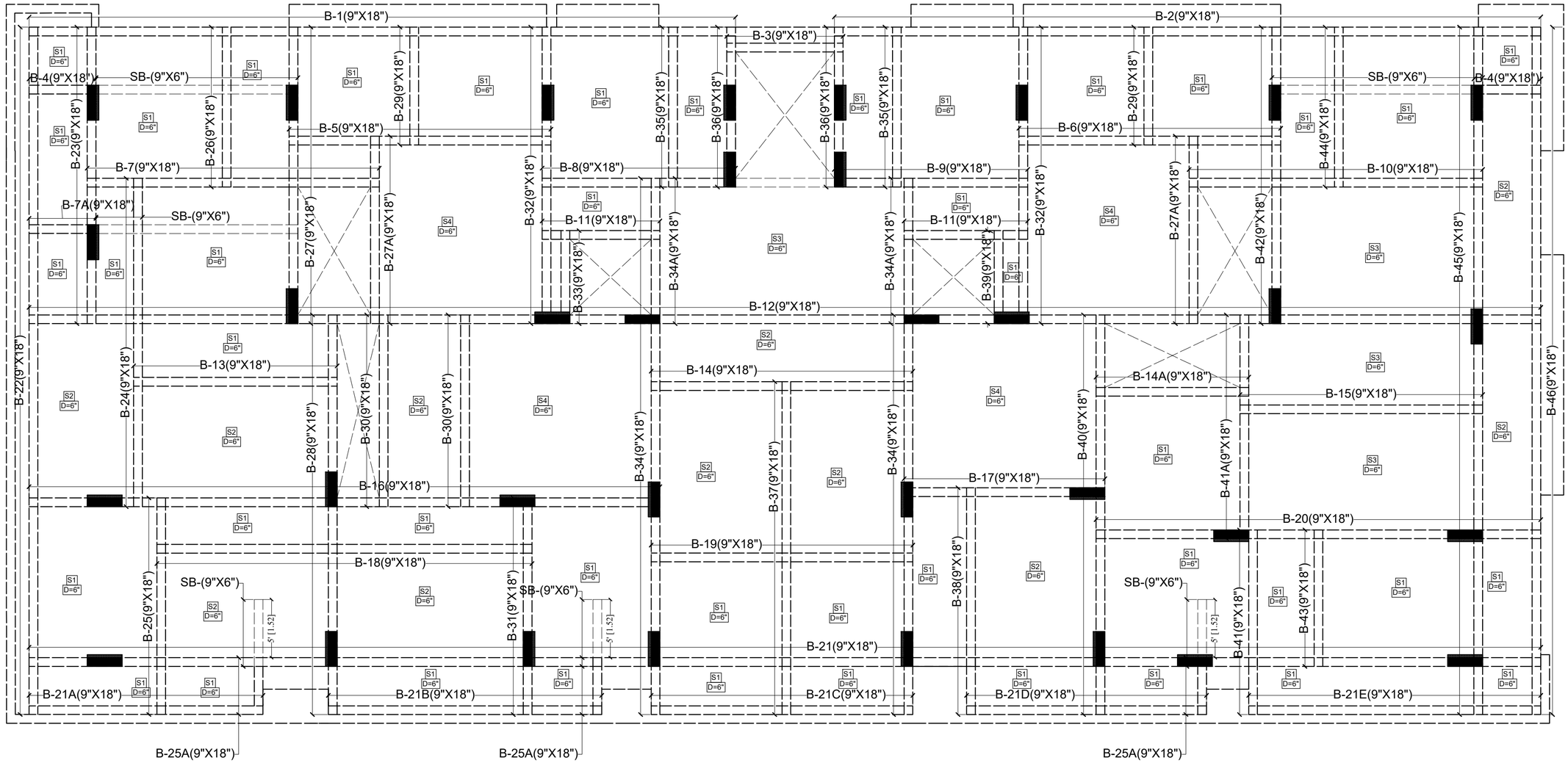
PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

DRAWING TITLE

STILT TO FIRST FLOOR
STAIR CASE DETAIL

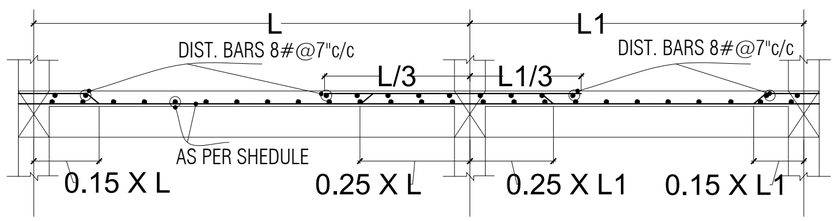
DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	20.02.2025
REMARK:	



For Parth Sarthi Build Estate (P) Ltd.
Director

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

NOTE :PROVIDE TOP EXTRA
#10@5"C/C AT PROJECTION OR
HOOK (IF FROM BOTTOM)



TYP.BAR CURTAILMENT IN SLAB

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/C	#8@5"C/C	#8@7"C/C	0'-6"	M-25
S2	#10@6"C/C	#8@6"C/C	#8@7"C/C	0'-6"	M-25
S3	#10@4"C/C	#10@6"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

STRUCTURE CONSULTANT

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67, GAYTRI NAGAR-A, DURGAPURA,JAIPUR
(RAJASTHAN) 302018
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C-49 VIDYA APARTMENT PARAS MARG,
BAPU NAGAR JAIPUR, (RAJ.)
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GENERAL NOTES :-

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

EXCAVATION CHECK :-

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

CONSTRUCTION PRACTICE :-

P1. IT IS MANDATORY TO REMOVE ALL LOOSE SOIL TILL THE FIRM SOIL IS REACHED.
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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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* REMOVAL OF PROPS UNDER SLABS	
-SPANNING UP TO 4500	7 DAYS
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* REMOVAL OF PROPS UNDER BEAMS	
-SPANNING UP TO 6000	14 DAYS
-SPANNING OVER 6000	21 DAYS

CONCRETE :-

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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

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R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

* FOUNDATION	50 mm. ALL AROUND
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* BEAMS	30 mm. ALL AROUND
* SLABS	20 mm. TOP & BOTTOM
* 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.

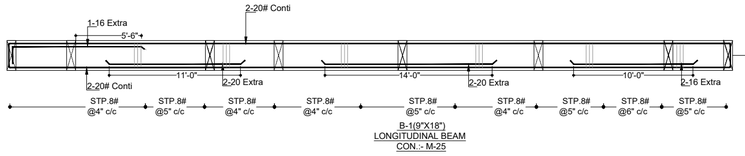
PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

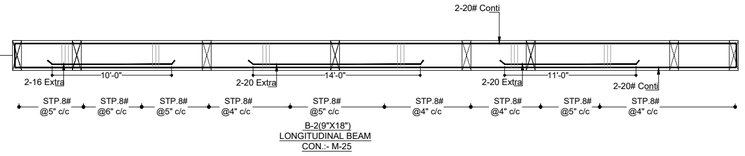
DRAWING TITLE

SIXTH FLOOR SHUTTERING DETAIL

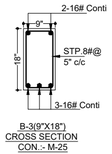
DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	02.07.2025
REMARK:	



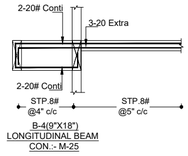
B-1(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



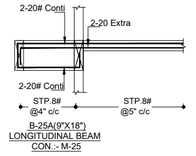
B-2(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



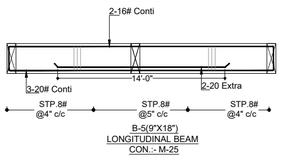
B-3(9"X18")
CROSS SECTION
CON.:- M-25



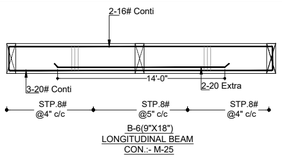
B-4(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



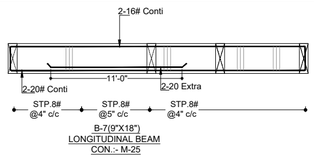
B-25A(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



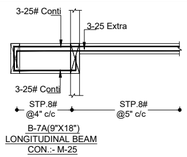
B-5(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



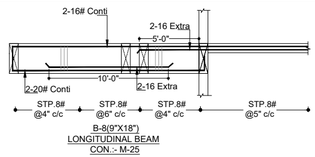
B-6(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



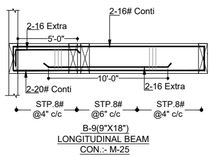
B-7(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



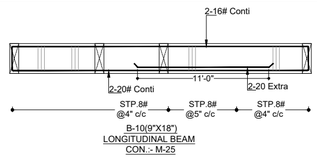
B-7A(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



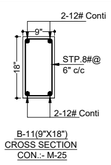
B-8(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



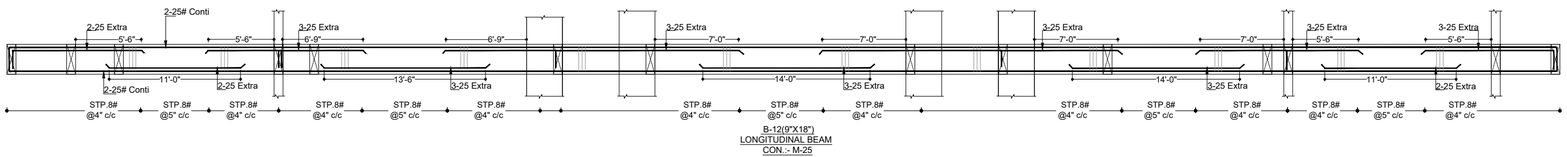
B-9(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



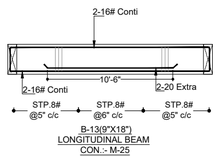
B-10(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



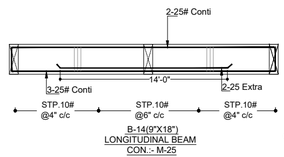
B-11(9"X18")
CROSS SECTION
CON.:- M-25



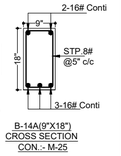
B-12(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



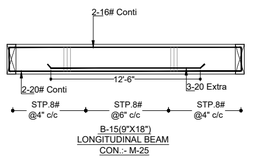
B-13(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



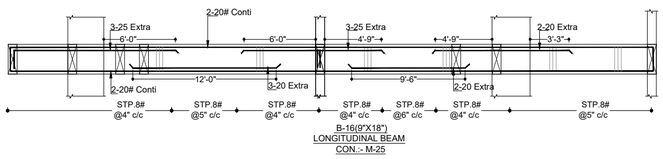
B-14(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



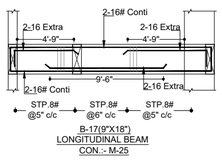
B-14A(9"X18")
CROSS SECTION
CON.:- M-25



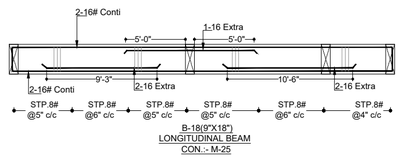
B-15(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



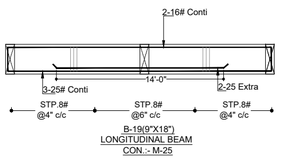
B-16(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



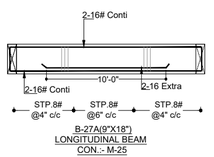
B-17(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



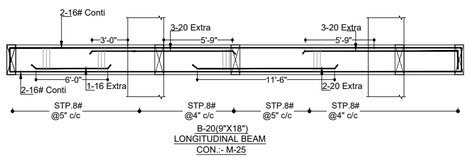
B-18(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



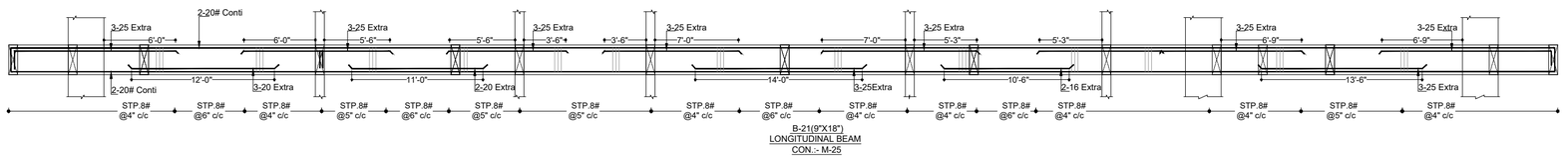
B-19(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



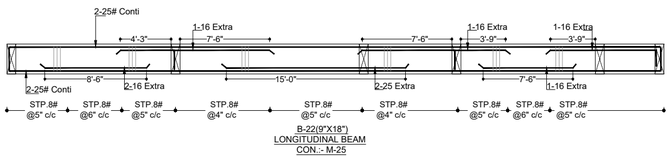
B-27A(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



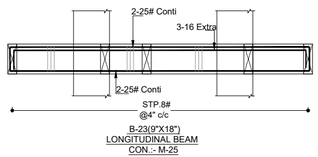
B-20(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



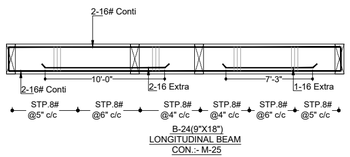
B-21(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



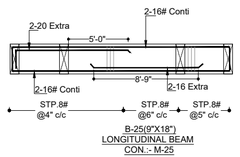
B-22(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



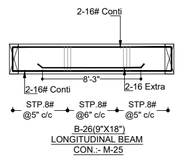
B-23(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



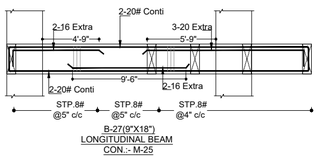
B-24(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



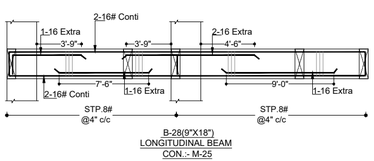
B-25(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



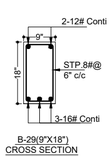
B-26(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



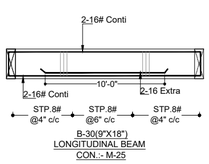
B-27(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



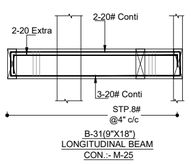
B-28(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



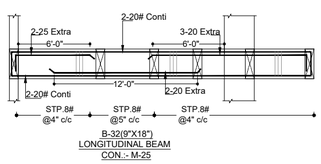
B-29(9"X18")
CROSS SECTION
CON.:- M-25



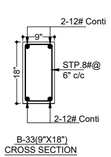
B-30(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



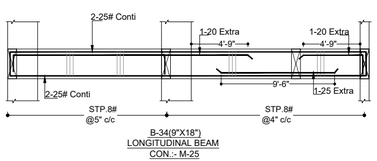
B-31(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



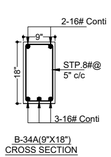
B-32(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



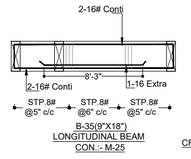
B-33(9"X18")
CROSS SECTION
CON.:- M-25



B-34(9"X18")
LONGITUDINAL BEAM
CON.:- M-25



B-34A(9"X18")
CROSS SECTION
CON.:- M-25



B-35(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-36(9"X18")
CROSS SECTION
CON.:- M-25

B-37(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-38(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-39(9"X18")
CROSS SECTION
CON.:- M-25

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

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

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

B-42(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-43(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-44(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-45(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

B-46(9"X18")
LONGITUDINAL BEAM
CON.:- M-25

STRUCTURE CONSULTANT

S.K. CREATIONS

67, GAYTRI NAGAR-A, DURGAPURA,JAIPUR

(RAJASTHAN) 302018

Email -skcreations.hk@gmail.com

MO. +91-9351388735

ARCHITECTS

FRANK SQUARE

ARCHITECTURE | PLANNER | DESIGNER

C-49 VIDYA APARTMENT PARAS MARG, BAPU NAGAR JAIPUR, (RAJ.)

Email-afranksquare@gmail.com

Mobile-9461302542

GENERAL NOTES :-

(1). DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.

(2). ANY DISCREPANCY IN THE DRAWING SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF ARCHITECT, PRIOR TO THE CONSTRUCTION.

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

EXCAVATION CHECK :-

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

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

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

CONSTRUCTION PRACTICE :-

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

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

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

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

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

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

CONCRETE :-

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

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

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

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

REINFORCING STEEL :-

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

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

R3. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

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

DESIGN DATA :-

(1). GRADE OF CONCRETE SHALL BE-

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

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

For Parth Sarthi Build Estate (P) Ltd.

Director

REVISIONS

NO.	DATE	ISSUED TO	CKD.

PROJECT

PROPOSED BUILDING AT PLOT NO. F-28, F-29 & F-30, 6-D ENGINEERS COLONY , JAIPUR

DRAWING TITLE

SIXTH FLOOR BEAM DETAIL

DRAWEN BY:	DEEPAK
CHECKED BY:	HEMANT KACHHWAHA
DATE:	02.07.2025
REMARK:	

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

For S. K. CREATIONS

Proprietor/Manager