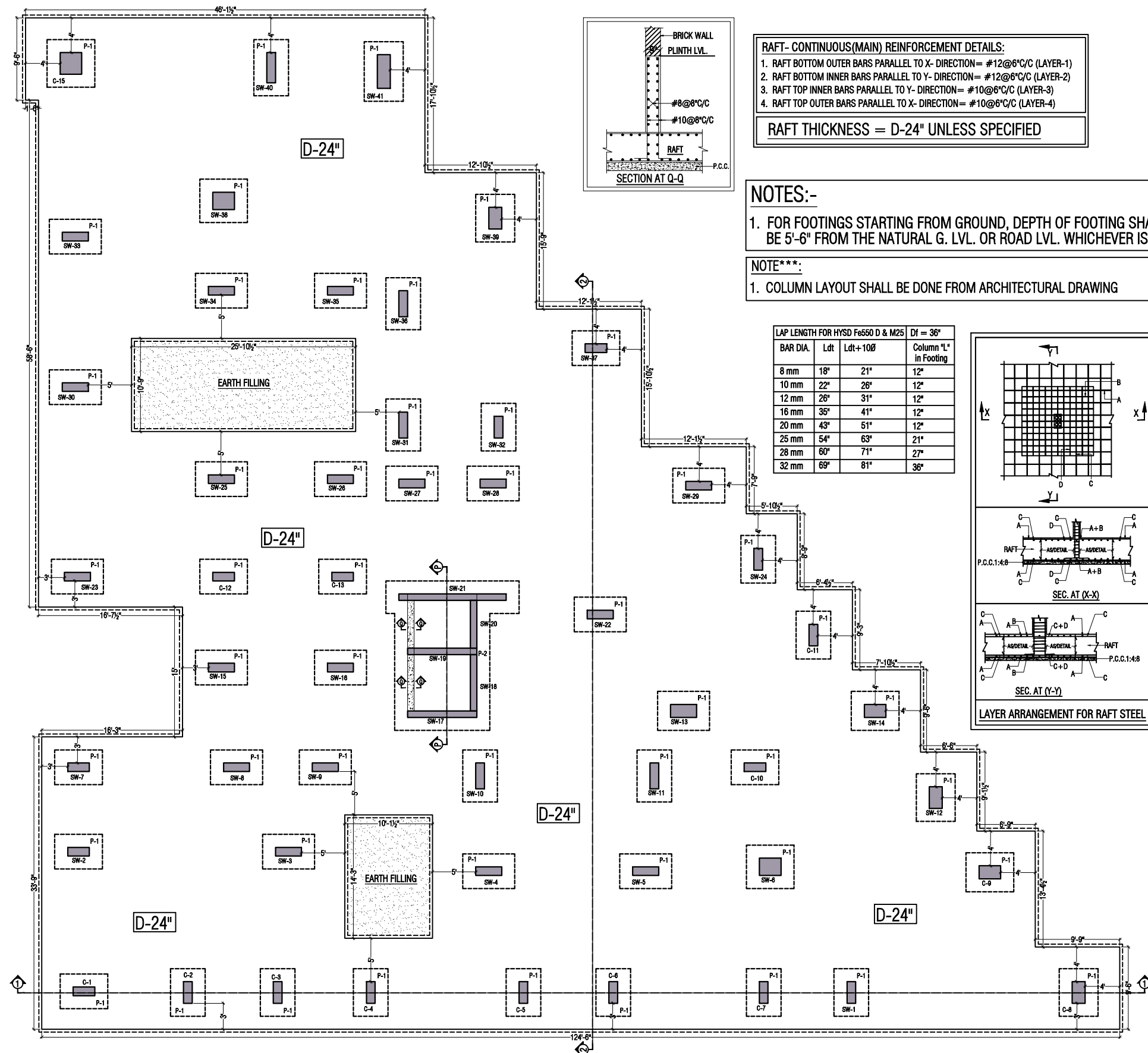




- RAFT- CONTINUOUS(MAIN) REINFORCEMENT DETAILS:**
1. RAFT BOTTOM OUTER BARS PARALLEL TO X- DIRECTION= #12@6\"/>

RAFT THICKNESS = D-24\"/>

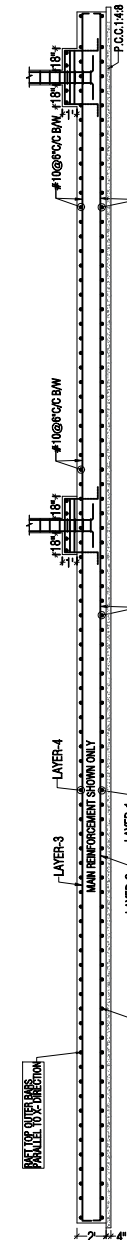
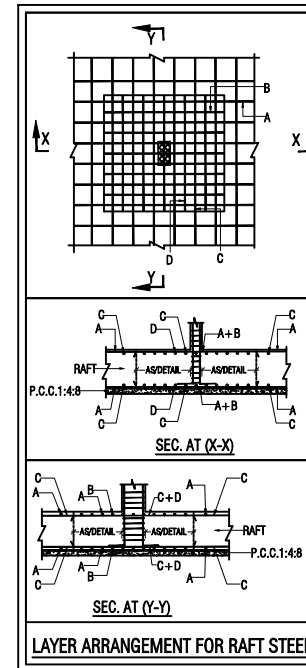
NOTES:-

1. FOR FOOTINGS STARTING FROM GROUND, DEPTH OF FOOTING SHALL BE 5'-6\"/>

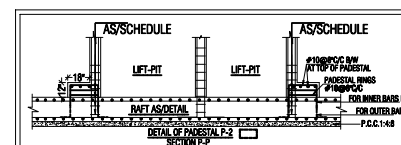
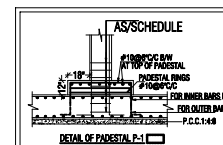
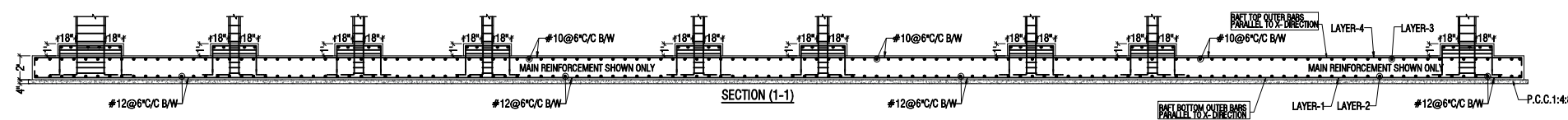
NOTE*:**

1. COLUMN LAYOUT SHALL BE DONE FROM ARCHITECTURAL DRAWING

BAR DIA.	Ldt	Ldt+10Ø	Column "L" in Footing
8 mm	18"	21"	12"
10 mm	22"	26"	12"
12 mm	26"	31"	12"
16 mm	35"	41"	12"
20 mm	43"	51"	12"
25 mm	54"	63"	21"
28 mm	60"	71"	27"
32 mm	69"	81"	36"



RAFT FOOTING GENERAL LAYOUT & PADESTAL PLAN



Sunil Goyal
For PRIMETECH DESIGN CONSULTANTS
SUNIL GOYAL
M.Tech. Earthquake, B.E. CIVIL, L.M.I.S.E.T.
B-1, Ashok Vihar, Malviya Nagar, Jaipur -302 017

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM
2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 500/550 N/MM² CONFORMING TO IS 1786-2008, SHALL BE USED.
2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.
3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/2 OF BARS SHALL BE LAPPED AT ANY SECTION
4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	FOR Fe500	FOR Fe550
M-20	57Ø	62Ø
M-25	49Ø	53Ø
M-30	45Ø	50Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8\"/>

CONCRETE DETAILS

1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGREGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.
2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.
3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	2"(50MM)	2"(50MM)	2"(50MM)
COLUMN/WALLS	1 1/2"(40MM)	1 1/2"(40MM)	1 1/2"(40MM)
RETAINING WALL	2"(50MM)	2"(50MM)	2"(50MM)
BEAMS, LINTEL	2"(50MM)	2"(50MM)	2"(50MM)
SLAB	2"(50MM)	2"(50MM)	2"(50MM)
WATER TANK WALL & SLAB	2"(50MM)	2"(50MM)	2"(50MM)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.
 - * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.
 - * SLABS (PROPS LEFT UNDER) — 3 DAYS.
 - * BEAM SOFFITS (PROPS LEFT) — 7 DAYS.
 - * REMOVAL OF PROPS UNDER SLAB — 7 DAYS. SPAN UP TO 4.5 METER — 14 DAYS. SPAN OVER TO 6.0 METER — 21 DAYS.
2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS

SYMBOLS

- * BOTTOM BARS IN PLAN SHOWN THUS. ———
- * TOP BARS IN PLAN SHOWN THUS. - - - - -

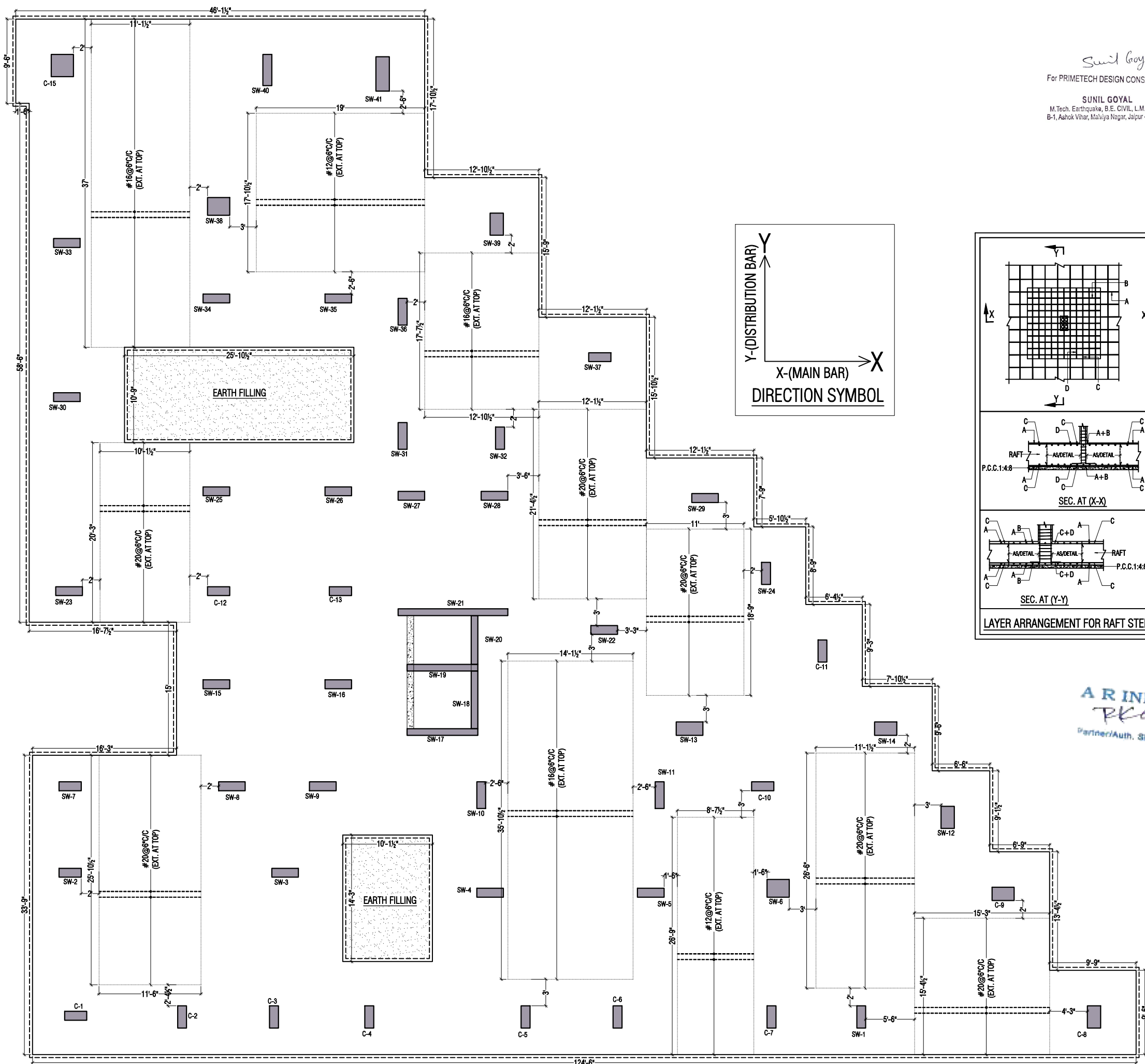
ABBREVIATIONS:-

- * N.T.S. = NOT TO SCALE
- * R.F. = REINFORCEMENT
- * B.W. = BOTH WAYS
- * T/B = TOP & BOTTOM

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)
BUILDING DESIGN FOR S+6

CLIENT:	AR INFRA
PROJECT:	PROPOSED RESIDENTIAL BUILDING 'SUNYAM' AT PLOT NO. 389, 370, 371, 406 & 407 PINK CITY ENCLAVE, JAIPUR
DRAWING TITLE:	RAFT FOOTING GENERAL LAYOUT & PADESTAL PLAN
ARCHITECTS:	SPACE GRID C-40 B-4, VIJAYA APARTMENT, PANDAV MARG, NEAR JANTA STORE, RAJPUT NAGAR
DRAWN BY:	KRISHNA
CHECKED BY:	ARUN
SCALE:	N.T.S.
DATE:	APR. 08/2024
STRUCTURAL CONSULTANT:	PRIME TECH DESIGN CONSULTANTS B-1, ASHOK VIHAR, GIRDHAR MARG, MALVIYA NAGAR, JAIPUR-17 M: 94142 97788, T: 0141-3557508 E: ptdc@jaipur@gmail.com



Sunil Goyal
For PRIMETECH DESIGN CONSULTANTS
SUNIL GOYAL
M.Tech. Earthquake, B.E. CIVIL, L.M.I.S.E.T.
B-1, Ashok Vihar, Malviya Nagar, Jaipur -302 017

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM
2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS $\emptyset$ WITH CHARACTERISTIC STRENGTH 500/550 N/MM² CONFORMING TO IS 1786-2008, SHALL BE USED.
2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.
3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/2 OF BARS SHALL BE LAPPED AT ANY SECTION
4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE $\emptyset$ IS DIA. OF BARS.

CONC. GRADE	FOR Fe500		FOR Fe550	
	Ld	Ld	Ld	Ld
M-20	57 $\emptyset$	62 $\emptyset$		
M-25	49 $\emptyset$	53 $\emptyset$		
M-30	45 $\emptyset$	50 $\emptyset$		

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8 $\emptyset$ @8"C/C OTHERWISE MENTIONED.

CONCRETE DETAILS

1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGR-GATE SHALL BE 3/4" UNLESS OTHERWISE STATED.
2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.
3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	2"(50MM)	2"(50MM)	2"(50MM)
COLUMNS & WALLS			1 1/2"(40MM)
RETAINING WALL		1"(25MM)	1 1/2"(40MM) (EARTH SIDE) 3/4"(20MM) (ON SIDE)
BEAMS, LINTEL	1"(25MM)	1"(25MM)	1"(25MM)
SLAB	3/4"(20MM)	2"(50MM)	1"(25MM) WHERE APPLICABLE
WATER TANK (WALL & SLAB)			1 1/2"(40MM) (ON EARTH SIDE) WHERE APPLICABLE

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.
 - * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.
 - * SLABS (PROPS LEFT UNDER) — 3 DAYS.
 - * BEAM SOFFITS (PROPS LEFT) — 7 DAYS.
 - * REMOVAL OF PROPS UNDER SLAB — 7 DAYS.
 - SPAN UP TO 4.5 METER — 14 DAYS.
 - SPAN OVER TO 6.0 METER — 21 DAYS.
2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS

SYMBOLS

- * BOTTOM BARS IN PLAN SHOWN THUS. ————
- * TOP BARS IN PLAN SHOWN THUS. - - - - -

ABBREVIATIONS:-

- * N.T.S. = NOT TO SCALE
- * R.F. = REINFORCEMENT
- * B.W. = BOTH WAYS
- * T/B = TOP & BOTTOM

DESIGN DATA:-

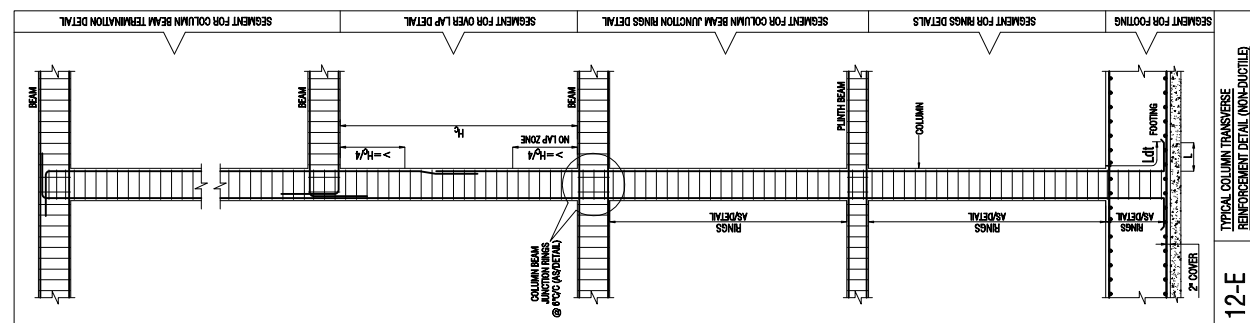
- GRADE OF CONCRETE SHALL BE M-25.
- GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)
- BUILDING DESIGN FOR S+6

CLIENT:	AR INFRA		
PROJECT:	PROPOSED RESIDENTIAL BUILDING "LIVING" AT PLOT NO. 369, 370, 371, 406 & 407, PINK CITY ENCLAVE, JAIPUR		
DRAWING TITLE:	RAFT FOOTING LAYOUT PLAN & DETAIL RAFT TOP EXTRA REINFORCEMENT PLAN (PARALLEL TO X-DIRECTION) (LAYER-4)		
ARCHITECTS:	SPACE GRID C-40,B-6, VIDYA APARTMENT, PARAS MARG, NEAR JANTA STORE, DAPU NAGAR		
DRAWN BY:	KRISHNA	DRAWING NO.	S-03
CHECKED BY:	ARUN	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	APR. 08/2024

STRUCTURAL CONSULTANT:
PRIME TECH DESIGN CONSULTANTS
B-1, ASHOK VIHAR, GIRDHAR MARG, MALVIYA NAGAR, JAIPUR-17
M: 94142 97788, T: 0141-3557508
E: ptdc@jaipur@gmail.com

6TH FLOOR LVL. TO TERRACE FLOOR LVL.																		
5TH FLOOR LVL. TO 6TH FLOOR LVL.																		
4TH FLOOR LVL. TO 5TH FLOOR LVL.																		
3RD FLOOR LVL. TO 4TH FLOOR LVL.																		
2ND FLOOR LVL. TO 3RD FLOOR LVL.																		
1ST FLOOR LVL. TO 2ND FLOOR LVL.																		
FOOTING TO 1ST FLOOR LVL.																		
COLUMN MARKED	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	SW-15	SW-16	SW-22	SW-23

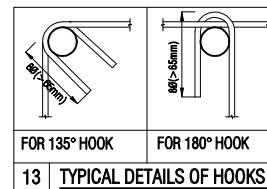
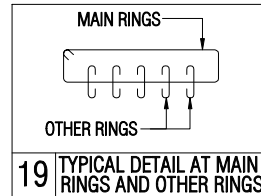
6TH FLOOR LVL. TO TERRACE FLOOR LVL.																		
5TH FLOOR LVL. TO 6TH FLOOR LVL.																		
4TH FLOOR LVL. TO 5TH FLOOR LVL.																		
3RD FLOOR LVL. TO 4TH FLOOR LVL.																		
2ND FLOOR LVL. TO 3RD FLOOR LVL.																		
1ST FLOOR LVL. TO 2ND FLOOR LVL.																		
FOOTING TO 1ST FLOOR LVL.																		
COLUMN MARKED	SW-24	SW-25	SW-26	SW-27	SW-28	SW-29	SW-30	SW-31	SW-32	SW-33	SW-34	SW-35	SW-36	SW-37	SW-38	SW-39	SW-40	SW-41



CONC. GRADE:- M-25(1:1.2/MIX DESIGN)
STEEL GRADE:- Fe-550 D
CLEAR COVER:- 40mm

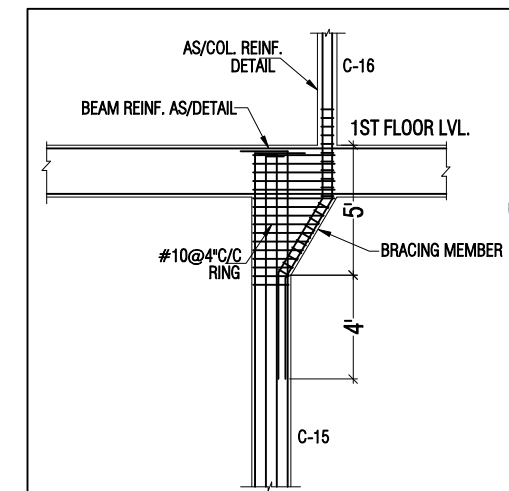
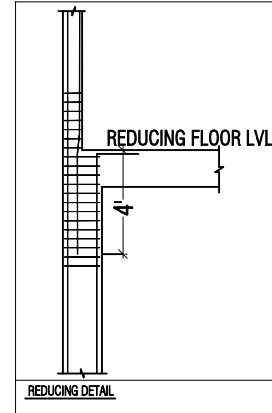
BAR DIA LEGENDS

#32	#25	#20	#16	#12	#10



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B-1, Ashok Vihar, Malviya Nagar, Jaipur -302 017

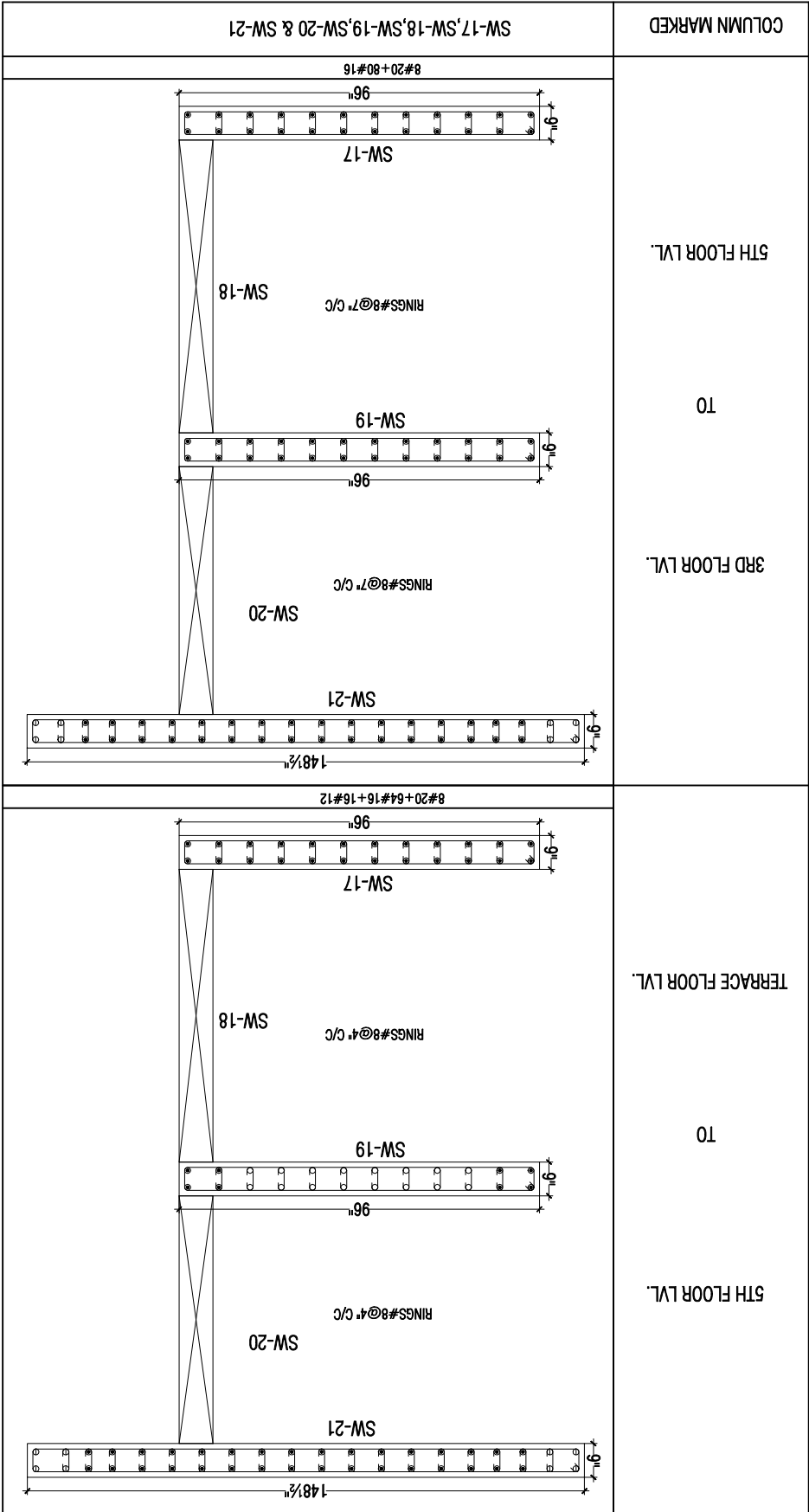
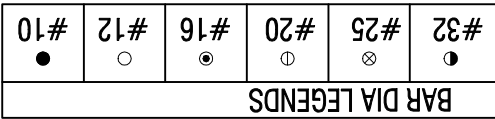
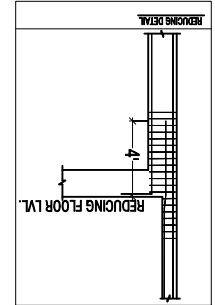
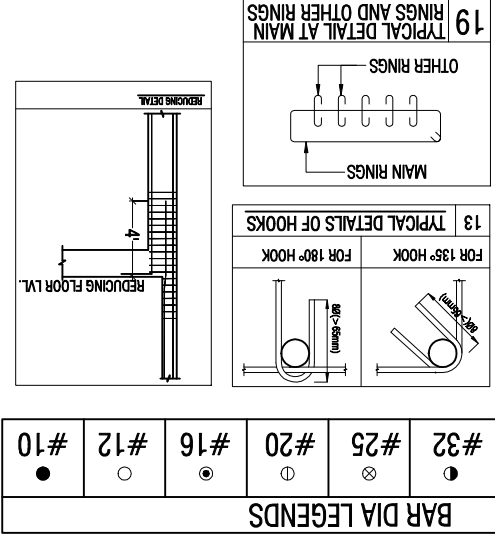
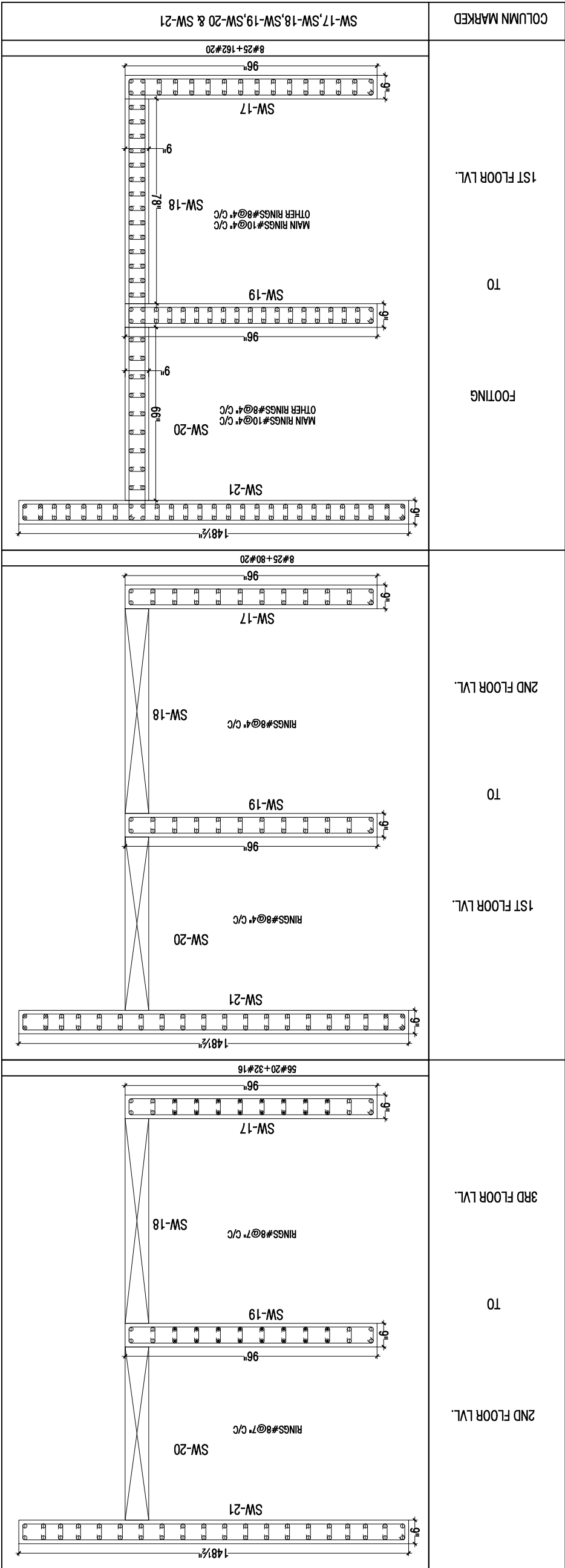


DESIGN DATA:-
GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)
BUILDING DESIGN FOR S+6

CLIENT:	AR INFRA
PROJECT:	PROPOSED RESIDENTIAL BUILDING "LUVYAN" AT PLOT NO. 369, 370, 371, 406 & 407 PINK CITY ENCLAVE, JAIPUR
DRAWING TITLE:	WALL SCHEDULE
ARCHITECTS:	SPACE GRID C-40-B-6, VIDYA APARTMENT, PARAS MARG, NEAR JANTA STORE, BAPU NAGAR
DRAWN BY:	KRISHNA
CHECKED BY:	ARUN
SCALE:	N.T.S.
DRAWING NO.:	S-05
REVISION NO.:	R-00
DATE:	APR. 08/2024

STRUCTURAL CONSULTANT:
PRIME TECH DESIGN CONSULTANTS
B-1, ASHOK VIHAR, GIRDHAR MARG, MALVIYA NAGAR, JAIPUR-17
M: 94142 97788, T: 0141-3557508
E: ptdc@jaipur@gmail.com

CONC. GRADE:- M-25(1:1.2/MIX DESIGN)
STEEL GRADE:- Fe-550 D
CLEAR COVER:- 40mm



SUNIL GOYAL
M.Tech. Earthquake, B.E. CIVIL, L.M.S.E.I.
B-1, Ashok Vihar, Malviya Nagar, Jaipur - 302 017

Partner/Author, Signatory
A R INFRA

DESIGN DATA:-
GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)
BUILDING DESIGN FOR S + 6

CLIENT: AR INFRA

PROJECT: PROPOSED RESIDENTIAL BUILDING "ANGAN"
AT PLOT NO. 369,370,371,406 & 407
PINK CITY ENCLAVE, JAIPUR

DRAWING TITLE: LIFT WALL SCHEDULE

ARCHITECTS: SPACE GRID
C-49-B, INDYA APARTMENT, PANGAS MARG,
NEAR JAMNATH STORE, RAJU NAGAR

DRAWN BY: KRISHNA
CHECKED BY: ARUN
SCALE: N.T.S.
DATE: APR. 08/2024

STRUCTURAL CONSULTANT:
PRIME TECH DESIGN CONSULTANTS
B-1, ASHOK VIHAR, GIRDHAR MARG, MALVIYA NAGAR, JAIPUR-17
M: 94142 97788, T: 0141-3557508
E: ptdc@jaipur@gmail.com

● #32

⊗ #25

⊙ #20

● #16

○ #12

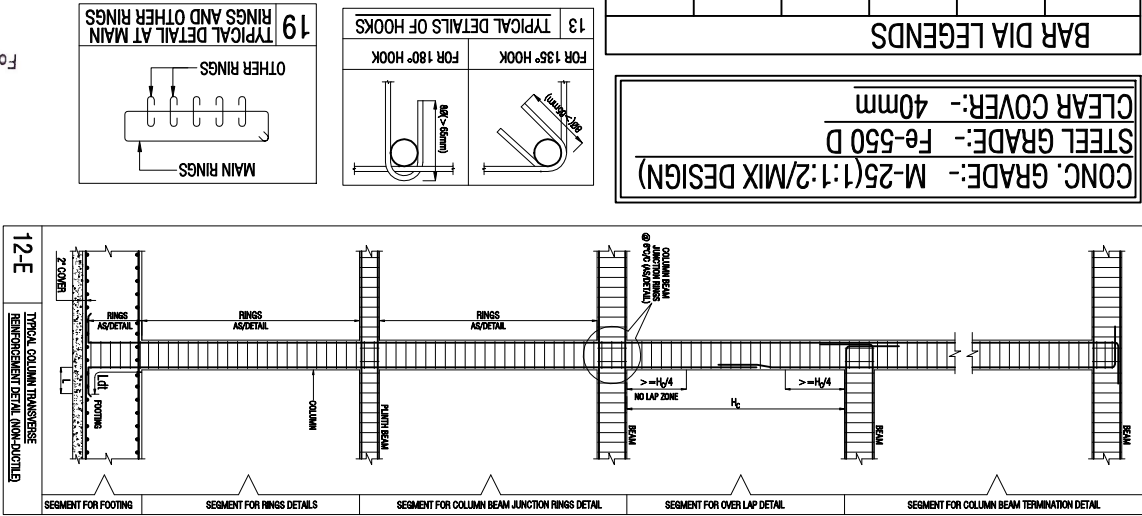
● #10

BAR DIA LEGENDS

CONC. GRADE:- M-25(1:1.2/MIX DESIGN)

STEEL GRADE:- Fe-550 D

CLEAR COVER:- 40mm



SUNIL GOYAL
M.Tech. Earthquake, B.E. CIVIL, L.M.S.E.T.
B-1, Ashok Vihar, Malviya Nagar, Jaipur-302 017

For PRIMETECH DESIGN CONSULTANTS

Partner/Client, Signatory

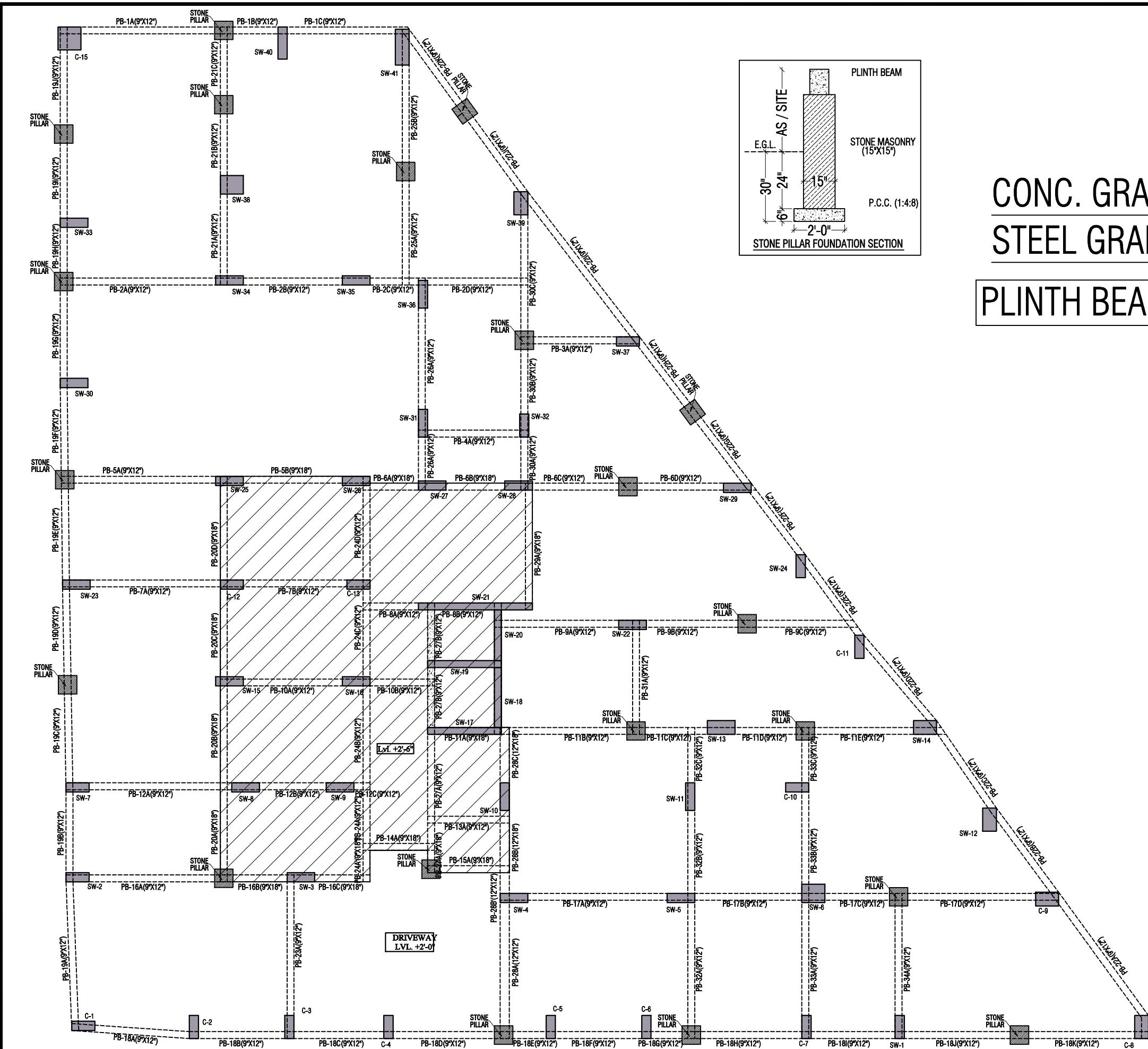
PRIMETECH

Signature

REDUCING FLOOR LVL.

DESIGN DATA:-			
GRADE OF CONCRETE SHALL BE M-25.			
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)			
BUILDING DESIGN FOR S+6			
CLIENT:	AR INFRA		
PROJECT:	PROPOSED RESIDENTIAL BUILDING "JANGRA" AT PLOT NO. 389, 370, 371, 406 & 407 PINK CITY ENCLAVE, JAIPUR		
DRAWING TITLE:	COLUMN SCHEDULE		
ARCHITECTS:	SPACE GRID C-10B-6, MIDVA APARTMENT, PRAAS NAGAR, NEAR JANTA STORE, RAJPUJ NAGAR		
DRAWN BY:	KRISHNA	DRAWING NO.	S-07
CHECKED BY:	ARUN	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	APR. 08/2024
STRUCTURAL CONSULTANT:			
E: pld@pwr@gmail.com			
B-1, ASHOK VIHAR, GROUND FLOOR, MALVIYA NAGAR, JAIPUR-17			
M: 94142 97788, T: 0141-3557508			

COLUMN MARKED	1ST FLOOR LVL. TO FOOTING	2ND FLOOR LVL. TO 1ST FLOOR LVL.	3RD FLOOR LVL. TO 2ND FLOOR LVL.	4TH FLOOR LVL. TO 3RD FLOOR LVL.	5TH FLOOR LVL. TO 4TH FLOOR LVL.	6TH FLOOR LVL. TO 5TH FLOOR LVL.	TERRACE FLOOR LVL. TO 6TH FLOOR LVL.
C-9	16#25+(1#25 DOWELLS BARS) RINGS#10@4" C/C 18" 15" 7" 30" 15"	14#25 RINGS#10@4" C/C 30" 15"	12#25 RINGS#8@4" C/C 30" 15"	12#25 RINGS#8@7" C/C 30" 15"	12#25 RINGS#8@7" C/C 30" 15"	12#25 RINGS#8@7" C/C 30" 15"	12#25 RINGS#8@7" C/C 30" 15"
C-10	4#25 + 6#20 RINGS#8@7" C/C 30" 12" 9"	4#25 + 6#20 RINGS#8@7" C/C 30" 12" 9"	10#20 RINGS#8@7" C/C 30" 12" 9"	10#20 RINGS#8@7" C/C 30" 12" 9"	4#20 + 6#16 RINGS#8@7" C/C 30" 12" 9"	4#20 + 6#16 RINGS#8@7" C/C 30" 12" 9"	4#20 + 6#16 RINGS#8@7" C/C 30" 12" 9"
C-11	10#25 RINGS#8@7" C/C 30" 12" 9"	10#25 RINGS#8@7" C/C 30" 12" 9"	4#25 + 6#20 RINGS#8@7" C/C 30" 12" 9"	10#20 RINGS#8@7" C/C 30" 12" 9"	4#16 + 6#12 RINGS#8@7" C/C 30" 12" 9"	10#16 RINGS#8@7" C/C 30" 12" 9"	10#16 RINGS#8@7" C/C 30" 12" 9"
C-12	4#20 + 6#16 RINGS#8@7" C/C 30" 12" 9"	4#20 + 6#16 RINGS#8@7" C/C 30" 12" 9"	10#16 RINGS#8@7" C/C 30" 12" 9"	4#16 + 6#12 RINGS#8@7" C/C 30" 12" 9"	4#16 + 6#12 RINGS#8@7" C/C 30" 12" 9"	4#16 + 6#12 RINGS#8@7" C/C 30" 12" 9"	10#16 RINGS#8@7" C/C 30" 12" 9"
C-13	8#25 + 2#20 RINGS#8@7" C/C 30" 12" 9"	8#25 + 2#20 RINGS#8@7" C/C 30" 12" 9"	8#25 + 2#20 RINGS#8@7" C/C 30" 12" 9"	4#25 + 6#20 RINGS#8@7" C/C 30" 12" 9"	4#20 + 6#16 RINGS#8@7" C/C 30" 12" 9"	10#16 RINGS#8@7" C/C 30" 12" 9"	10#16 RINGS#8@7" C/C 30" 12" 9"
C-14		14#25 RINGS#10@4" C/C 30" 9"	10#25 RINGS#8@7" C/C 30" 9"	4#25 + 6#20 RINGS#8@7" C/C 30" 9"	4#20 + 6#16 RINGS#8@7" C/C 30" 9"	10#16 RINGS#8@7" C/C 30" 9"	10#16 RINGS#8@7" C/C 30" 9"
C-15	28#25 RINGS#10@4" C/C 30" 30" 28#25						
C-16		16#25 RINGS#10@4" C/C 30" 9"	16#25 RINGS#8@7" C/C 30" 9"	10#25 RINGS#8@7" C/C 30" 9"	4#25 + 6#20 RINGS#8@7" C/C 30" 9"	4#25 + 6#20 RINGS#8@7" C/C 30" 9"	4#25 + 6#20 RINGS#8@7" C/C 30" 9"
COLUMN MARKED	1ST FLOOR LVL. TO FOOTING	2ND FLOOR LVL. TO 1ST FLOOR LVL.	3RD FLOOR LVL. TO 2ND FLOOR LVL.	4TH FLOOR LVL. TO 3RD FLOOR LVL.	5TH FLOOR LVL. TO 4TH FLOOR LVL.	6TH FLOOR LVL. TO 5TH FLOOR LVL.	TERRACE FLOOR LVL. TO 6TH FLOOR LVL.
C-1	10#25 RINGS#8@7" C/C 12" 30" 12"	10#25 RINGS#8@7" C/C 30" 9" 12"	4#25 + 6#20 RINGS#8@7" C/C 30" 9" 12"	10#20 RINGS#8@7" C/C 30" 9" 12"	4#20 + 6#16 RINGS#8@7" C/C 30" 9" 12"	4#16 + 6#12 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"
C-2	8#25 + 2#20 RINGS#8@7" C/C 12" 30" 12"	8#25 + 2#20 RINGS#8@7" C/C 30" 9" 12"	10#20 RINGS#8@7" C/C 30" 9" 12"	4#20 + 6#16 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"	4#16 + 6#12 RINGS#8@7" C/C 30" 9" 12"	4#16 + 6#12 RINGS#8@7" C/C 30" 9" 12"
C-3	10#25 RINGS#8@7" C/C 12" 30" 12"	10#25 RINGS#8@7" C/C 30" 9" 12"	10#20 RINGS#8@7" C/C 30" 9" 12"	4#20 + 6#16 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"	4#16 + 6#12 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"
C-4	12#25 RINGS#8@7" C/C 12" 30" 12"	12#25 RINGS#8@7" C/C 30" 9" 12"	4#25 + 6#20 RINGS#8@7" C/C 30" 9" 12"	10#20 RINGS#8@7" C/C 30" 9" 12"	4#20 + 6#16 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"
C-5	12#25 RINGS#8@7" C/C 12" 30" 12"	12#25 RINGS#8@7" C/C 30" 9" 12"	4#25 + 6#20 RINGS#8@7" C/C 30" 9" 12"	10#20 RINGS#8@7" C/C 30" 9" 12"	4#20 + 6#16 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"
C-6	12#25 RINGS#8@7" C/C 12" 30" 12"	12#25 RINGS#8@7" C/C 30" 9" 12"	4#25 + 6#20 RINGS#8@7" C/C 30" 9" 12"	10#20 RINGS#8@7" C/C 30" 9" 12"	4#20 + 6#16 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"
C-7	12#25 RINGS#8@7" C/C 12" 30" 12"	12#25 RINGS#8@7" C/C 30" 9" 12"	4#25 + 6#20 RINGS#8@7" C/C 30" 9" 12"	10#20 RINGS#8@7" C/C 30" 9" 12"	4#20 + 6#16 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"	10#16 RINGS#8@7" C/C 30" 9" 12"
C-8	16#25+(4#25 DOWELLS BARS) RINGS#10@4" C/C 18" 15" 7" 30" 15"	14#25 RINGS#8@4" C/C 30" 12" 9"	10#25 RINGS#8@7" C/C 30" 12" 9"	4#25 + 6#20 RINGS#8@7" C/C 30" 12" 9"	10#20 RINGS#8@7" C/C 30" 12" 9"	4#20 + 6#16 RINGS#8@7" C/C 30" 12" 9"	10#16 RINGS#8@7" C/C 30" 12" 9"

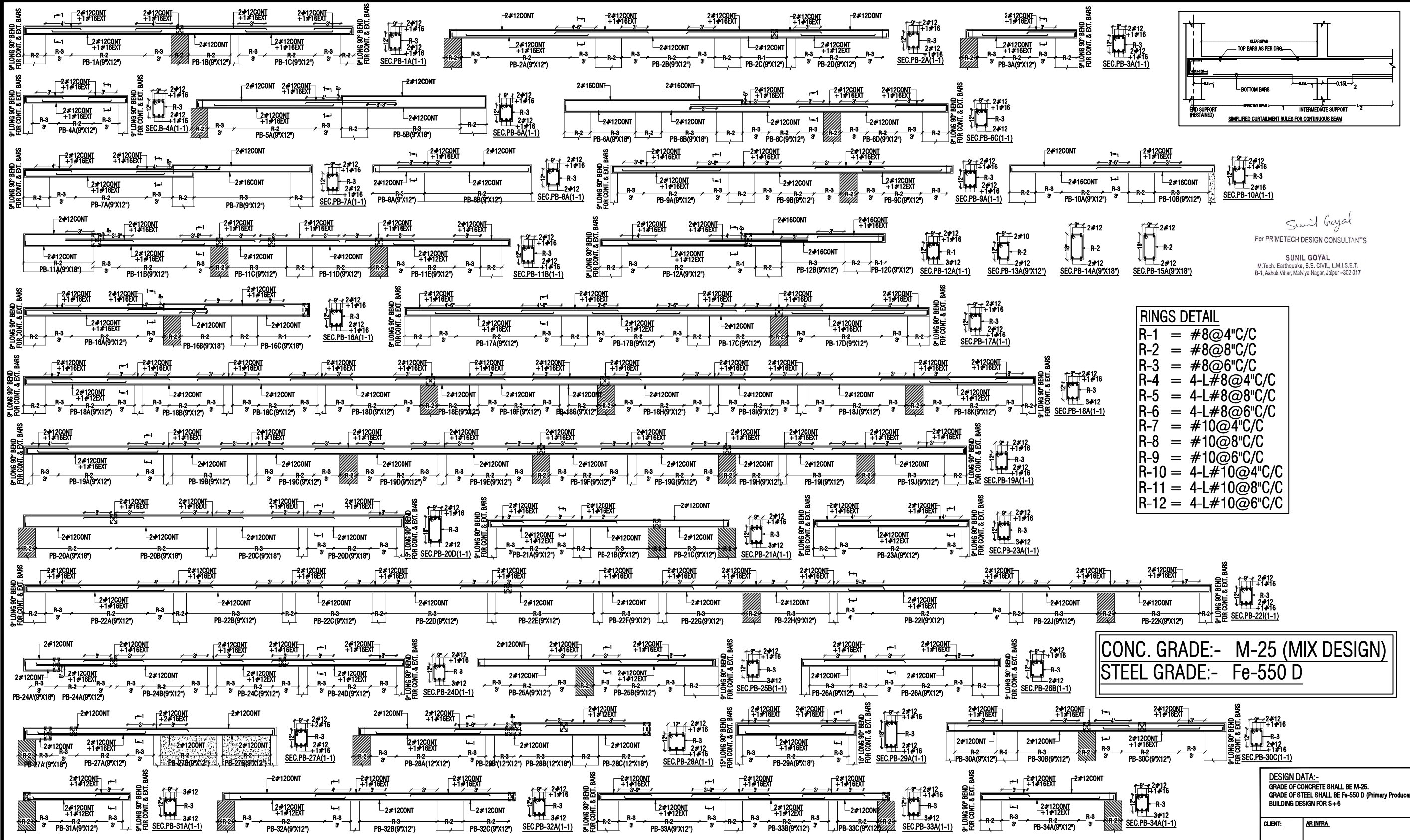


CONC. GRADE:- M-25
STEEL GRADE:- Fe-550 D
PLINTH BEAM COVER 40mm

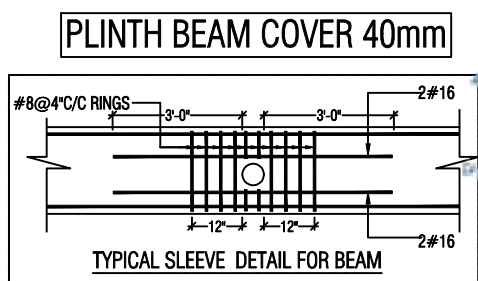
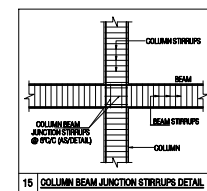
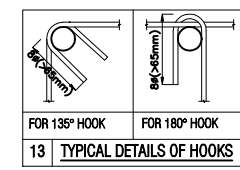
Sunil Goyal
For PRIMETECH DESIGN CONSULTANTS
SUNIL GOYAL
M.Tech. Earthquake, B.E. CIVIL, L.M.I.S.E.T.
B-1, Ashok Vihar, Malviya Nagar, Jaipur-302 017

A R INFRA
Partner/Auth. Signatory

DESIGN DATA:- GRADE OF CONCRETE SHALL BE M-25. GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only) BUILDING DESIGN FOR S+6			
CLIENT:		<u>AR INFRA</u>	
PROJECT:		PROPOSED RESIDENTIAL BUILDING "LUVGAM" AT PLOT NO. 389,370,371, 406 & 407 PINK CITY ENCLAVE, JAIPUR	
DRAWING TITLE:		<u>PLINTH BEAM LAYOUT PLAN</u>	
ARCHITECTS:		SPACE GRID C-49-B-6, VIDYA APARTMENT, PARAS MARG, NEAR JANITA STORE, RAJPU NAGAR	
DRAWN BY:		KRISHNA	DRAWING. NO S-08
CHECKED BY:		ARUN	REVISION NO. R-00
SCALE:		N.T.S.	DATE: APR. 08/2024
STRUCTURAL CONSULTANT: PRIME TECH DESIGN CONSULTANTS B-1, ASHOK VIHAR, GIRDHAR MARG, MALVIYA NAGAR, JAIPUR-17 M: 94142 97788, T: 0141-3557508 E: ptdc@jaipur@gmail.com			



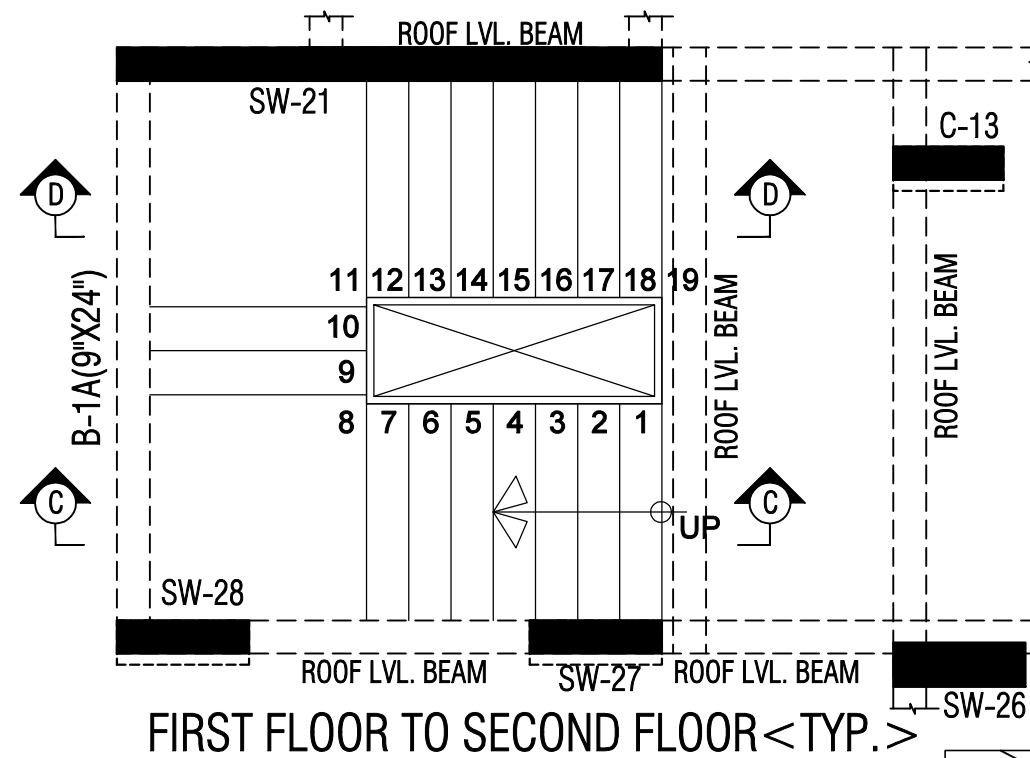
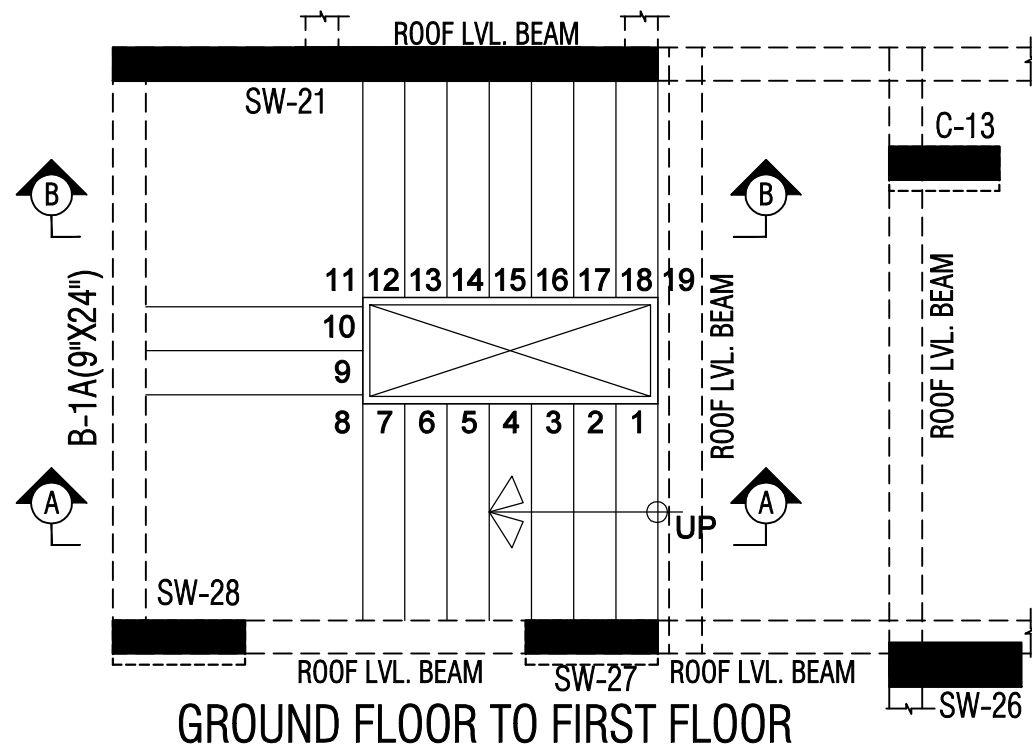
- NOTES**
1. MIX OF CONCRETE SHALL BE M-25 (1:1:2/MIX DESIGN)
 2. FOR BEAMS TERMINATING ON COLUMN, TOP EXTRA BARS SHALL BE PROVIDED BEFORE LOWERING DOWN THE BEAM
 3. MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9" WIDE BEAM
 4. THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"



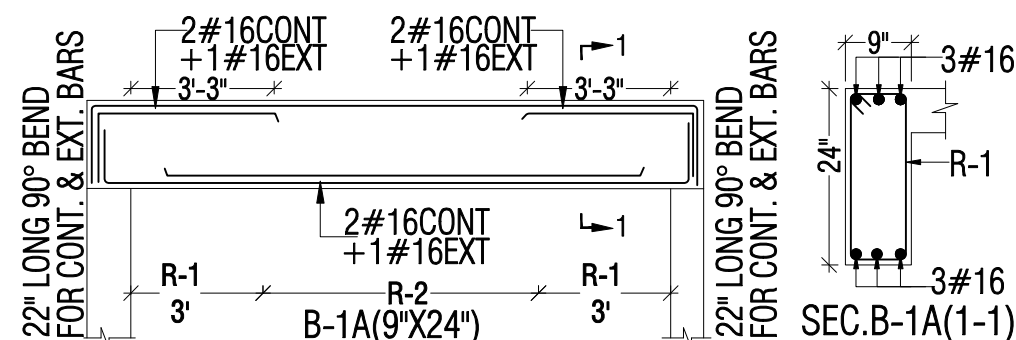
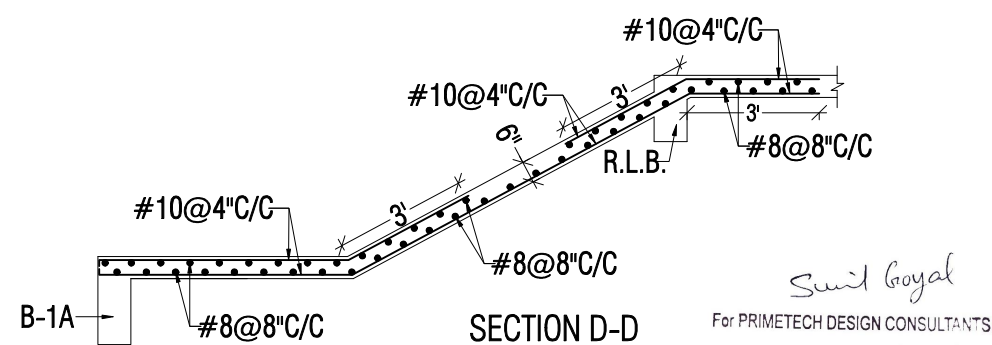
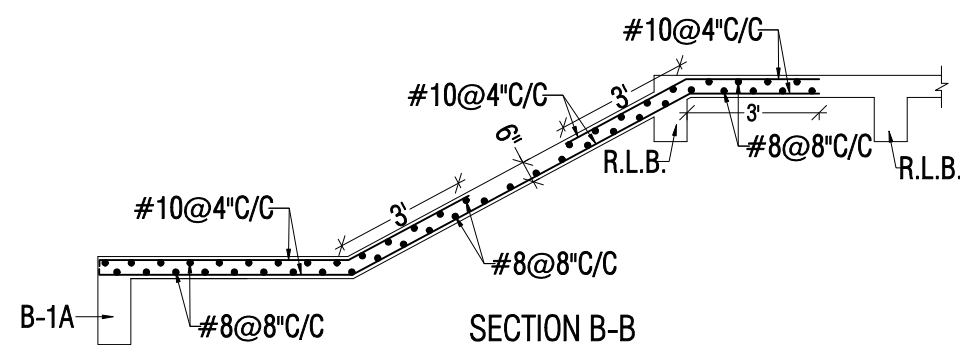
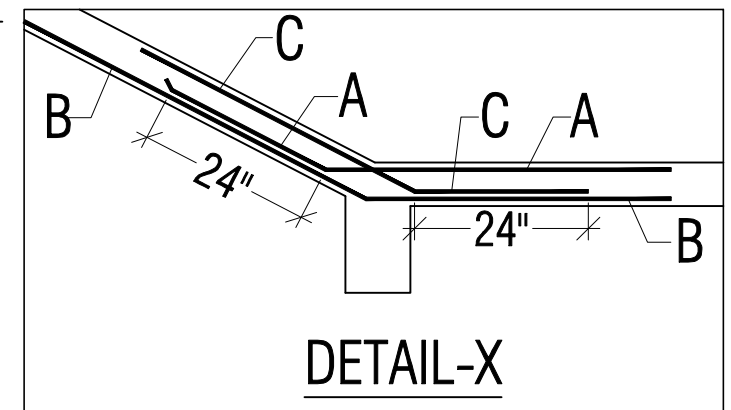
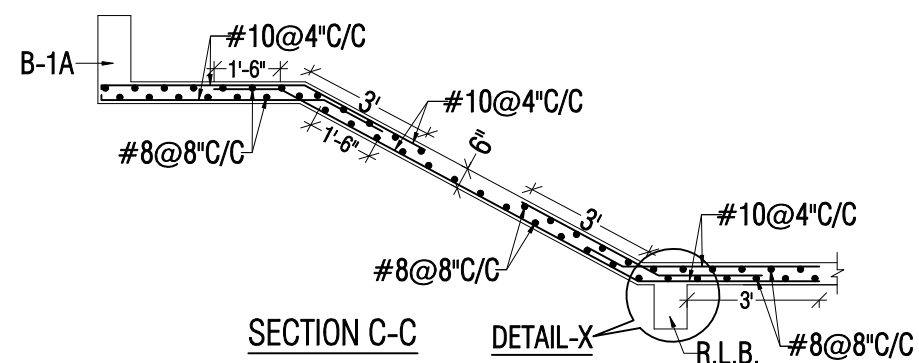
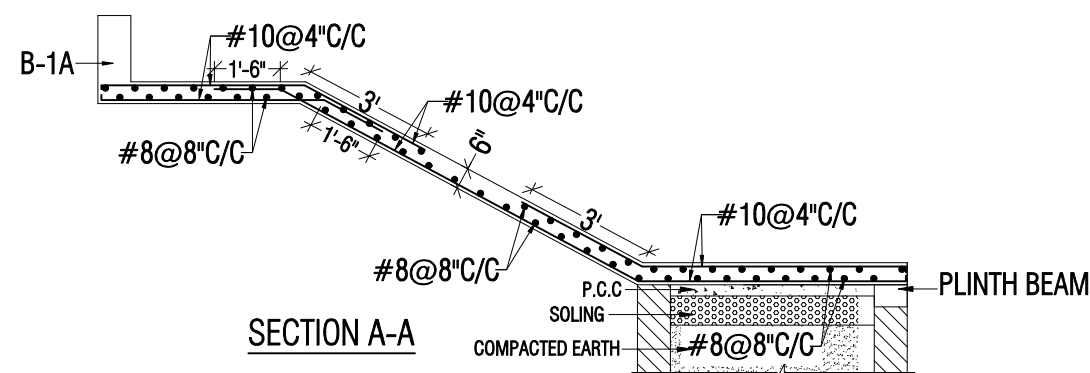
AR INFRA
 Partner/Author/Signatory

DESIGN DATA:-
 GRADE OF CONCRETE SHALL BE M-25.
 GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)
 BUILDING DESIGN FOR S+6

CLIENT:	AR INFRA
PROJECT:	PROPOSED RESIDENTIAL BUILDING 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 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RINGS DETAIL	
R-1	= #8@4"C/C
R-2	= #8@8"C/C
R-3	= #8@6"C/C

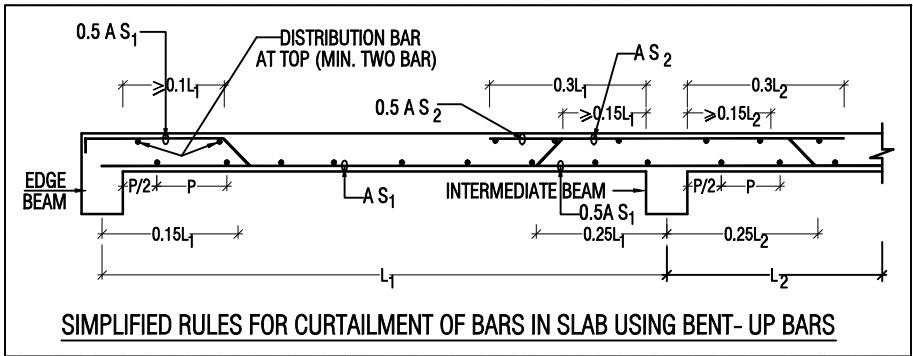
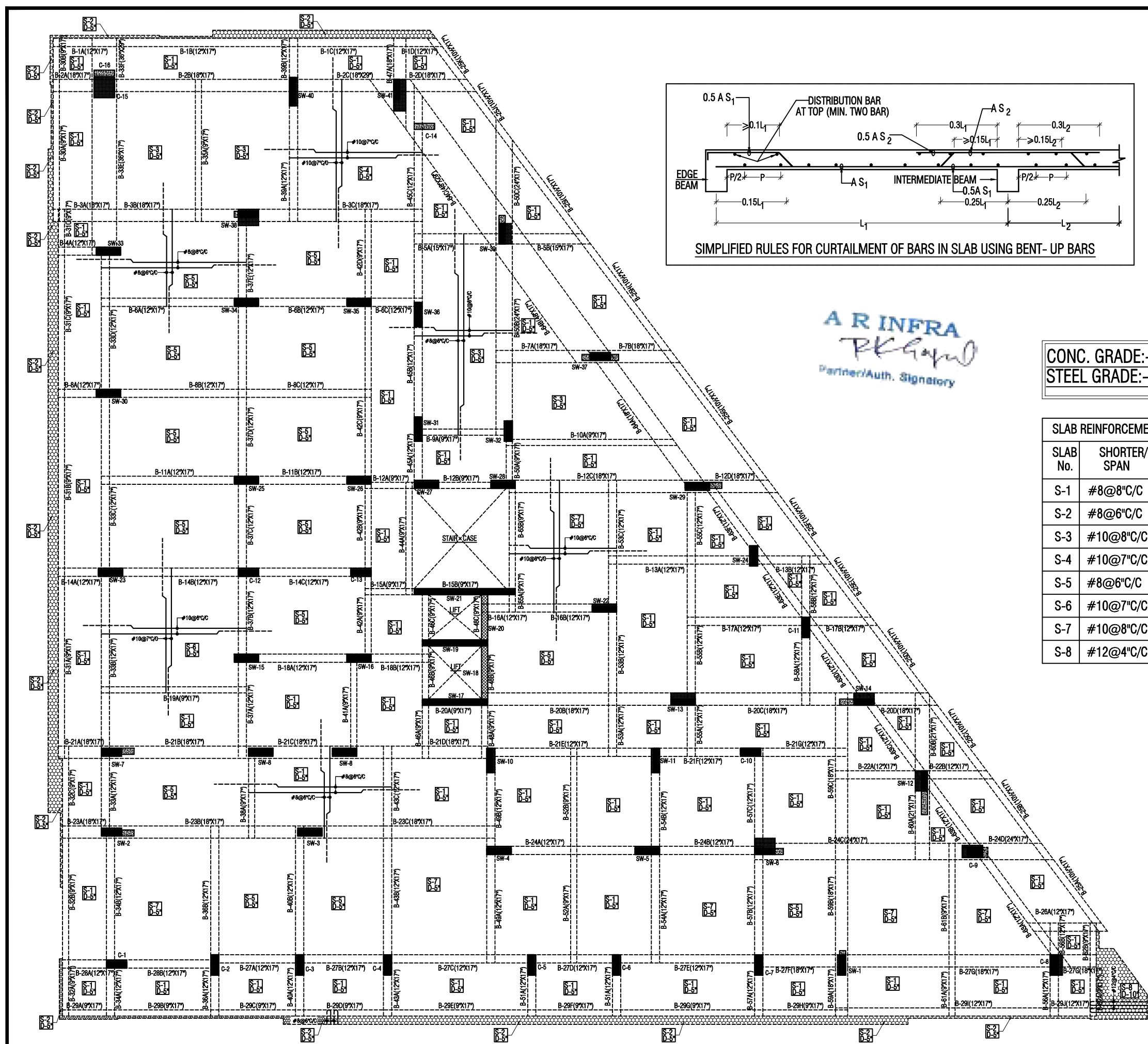


CONC. GRADE:- M-25 (1:1:2/MIX DESIGN)
STEEL GRADE:- Fe-550 D

DESIGN DATA:-
GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)
BUILDING DESIGN FOR S+6

CLIENT:	AR INFRA		
PROJECT:	PROPOSED RESIDENTIAL BUILDING "LIVGYAN" AT PLOT NO. 369,370,371,406 & 407 PINK CITY ENCLAVE, JAIPUR		
DRAWING TITLE:	STAIR - CASE DETAIL		
ARCHITECTS:	SPACE GRID C-49,B-6,VIDYA APPARTMENT,PARAS MARG, NEAR JANTA STORE,BAPU NAGAR		
DRAWN BY:	KRISHNA	DRAWING. NO.	S-10
CHECKED BY:	ARUN	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	APR. 08/2024

STRUCTURAL CONSULTANT:
PRIME TECH DESIGN CONSULTANTS
B-1, ASHOK VIHAR, GIRDHAR MARG, MALVIYA NAGAR, JAIPUR-17
M: 94142 97788, T: 0141-3557508
E: ptdcjaipur@gmail.com



SIMPLIFIED RULES FOR CURTAILMENT OF BARS IN SLAB USING BENT- UP BARS

AR INFRA
Partner/Auth. Signatory

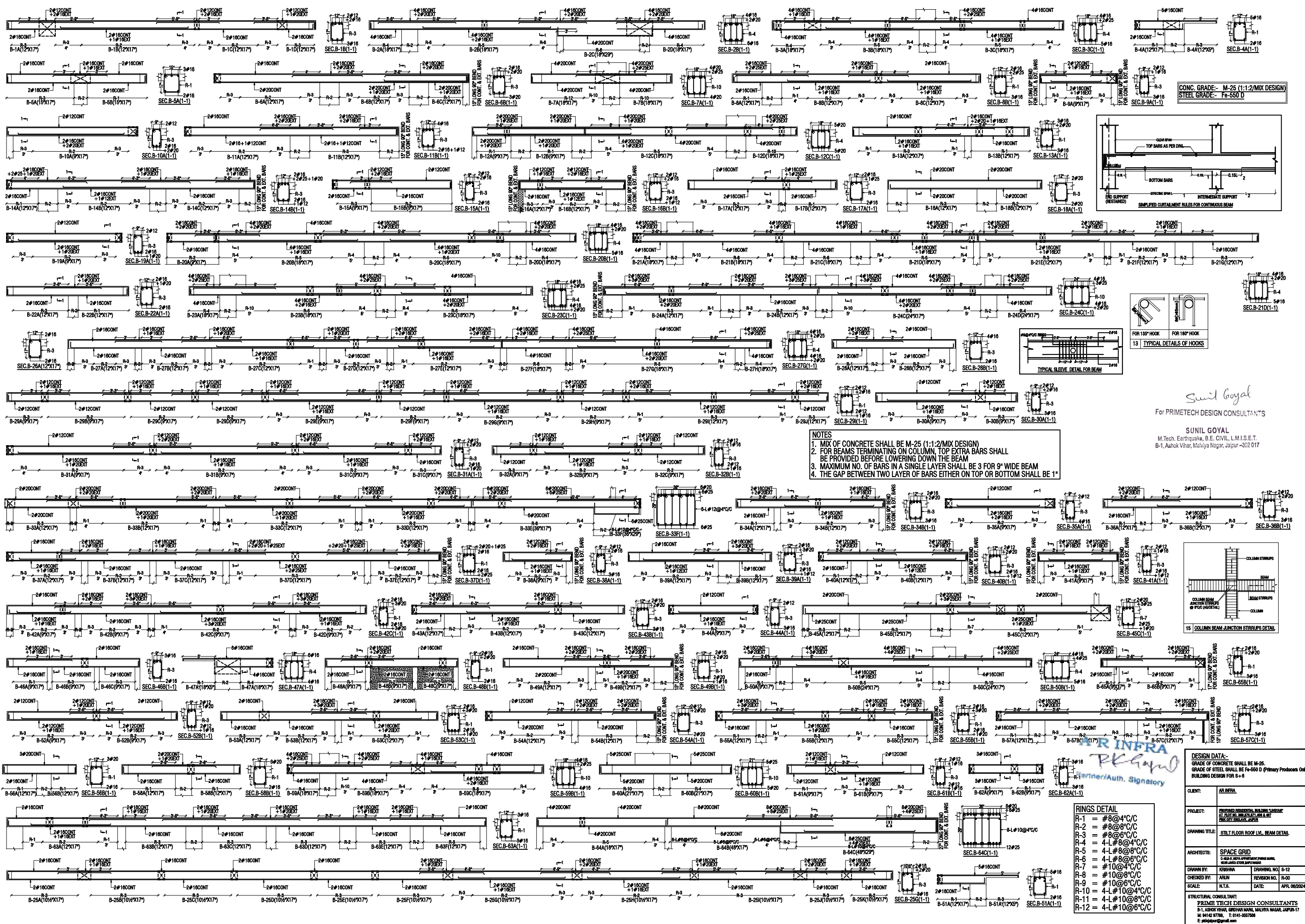
CONC. GRADE:- M-25 (1:1.2/MIX DESIGN)
STEEL GRADE:- Fe-550 D

SLAB REINFORCEMENT SCHEDULE			
SLAB No.	SHORTER/MAIN SPAN	LONGER SPAN	SLAB THICKNESS
S-1	#8@8"C/C	#8@8"C/C	5"
S-2	#8@6"C/C	#8@8"C/C	5"
S-3	#10@8"C/C	#8@8"C/C	5"
S-4	#10@7"C/C	#10@7"C/C	5"
S-5	#8@6"C/C	#8@8"C/C	5"
S-6	#10@7"C/C	#10@8"C/C	5"
S-7	#10@8"C/C	#10@8"C/C	5"
S-8	#12@4"C/C	#10@8"C/C	10"

DESIGN DATA:-
GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)
BUILDING DESIGN FOR S+6

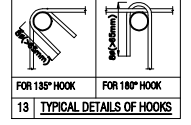
CLIENT:	<u>AR INFRA</u>		
PROJECT:	<u>PROPOSED RESIDENTIAL BUILDING "JINGYAN"</u> <u>AT PLOT NO. 369,370,371,406 & 407</u> <u>PINK CITY ENCLAVE, JAIPUR</u>		
DRAWING TITLE:	<u>STILT FLOOR ROOF LVL. FRAMING PLAN</u>		
ARCHITECTS:	SPACE GRID C-49,B-6 ,VIDYA APPARTMENT,PARAS MARG, NEAR JANTA STORE,BAPU NAGAR		
DRAWN BY:	KRISHNA	DRAWING. NO	S-11
CHECKED BY:	ARUN	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	APR. 08/2024

STRUCTURAL CONSULTANT:
PRIME TECH DESIGN CONSULTANTS
B-1, ASHOK VIHAR, GIRDHAR MARG, MALVIYA NAGAR, JAIPUR-17
M: 94142 97788, T: 0141-3557508
E: ptdc@jaipur@gmail.com



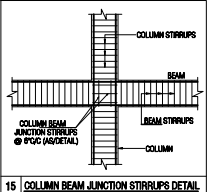
NOTES
1. MIX OF CONCRETE SHALL BE M-25 (1:1:2 MIX DESIGN)
2. FOR BEAMS TERMINATING ON COLUMN, TOP EXTRA BARS SHALL BE PROVIDED BEFORE LOWERING DOWN THE BEAM
3. MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9" WIDE BEAM
4. THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"

CONC. GRADE:- M-25 (1:1:2 MIX DESIGN)
STEEL GRADE:- Fe-550 D



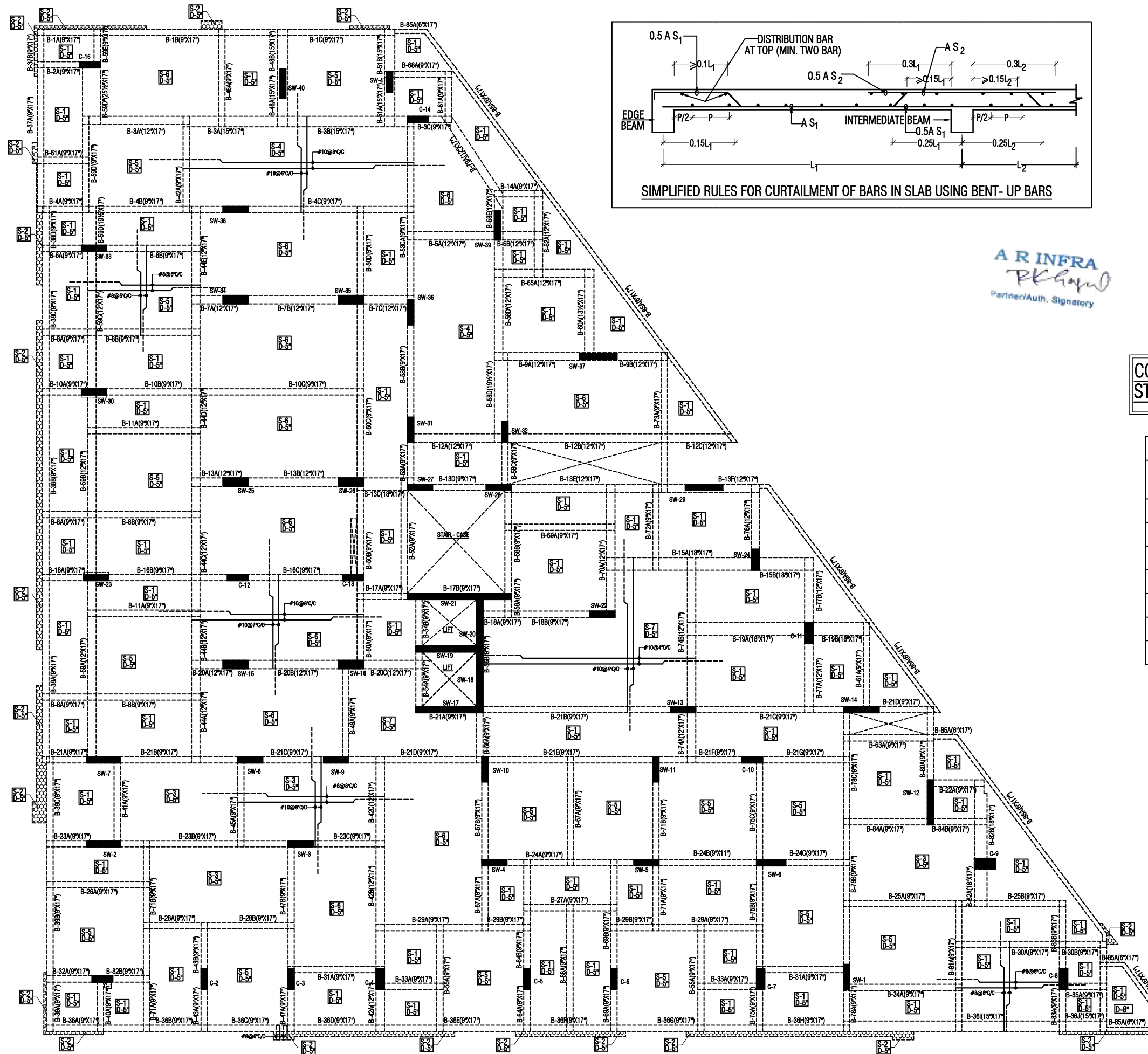
Sunil Goyal
For PRIMTECH DESIGN CONSULTANTS

SUNIL GOYAL
M.Tech. Earthquake, B.E. CIVIL, L.M.I.S.E.T.
B-1, Ashok Vihar, Malviya Nagar, Jaipur - 302 017



DESIGN DATA:-	
GRADE OF CONCRETE SHALL BE M-25.	
GRADE OF STEEL SHALL BE Fe-550 D (Primary Products Only)	
BUILDING DESIGN FOR 5+5	
CLIENT:	AR INFRA
PROJECT:	PROPOSED RESIDENTIAL BUILDING MALVIYA NAGAR, JAIPUR (FOR APPROVAL)
DRAWING TITLE:	STILT FLOOR ROOF LVL. BEAM DETAIL
ARCHITECTS:	SPACE GRID
DRAWN BY:	KRISHNA
CHECKED BY:	ARUN
SCALE:	N.T.S.
DATE:	APRIL 06/2024
STRUCTURAL CONSULTANT:	
PRIMTECH DESIGN CONSULTANTS	
B-1, ASHOK VIHAR, MALVIYA NAGAR, JAIPUR - 302 017	
T: 91462 0788, F: 91462 35750	
E: pddesign@gmail.com	

RINGS DETAIL
R-1 = #8@4"/C
R-2 = #8@8"/C
R-3 = #8@6"/C
R-4 = 4-L#8@4"/C
R-5 = 4-L#8@8"/C
R-6 = 4-L#8@8"/C
R-7 = #10@4"/C
R-8 = #10@8"/C
R-9 = #10@8"/C
R-10 = 4-L#10@4"/C
R-11 = 4-L#10@8"/C
R-12 = 4-L#10@8"/C



Sunil Goyal
For PRIMETECH DESIGN CONSULTANTS

AR INFRA
Partner/Auth. Signatory

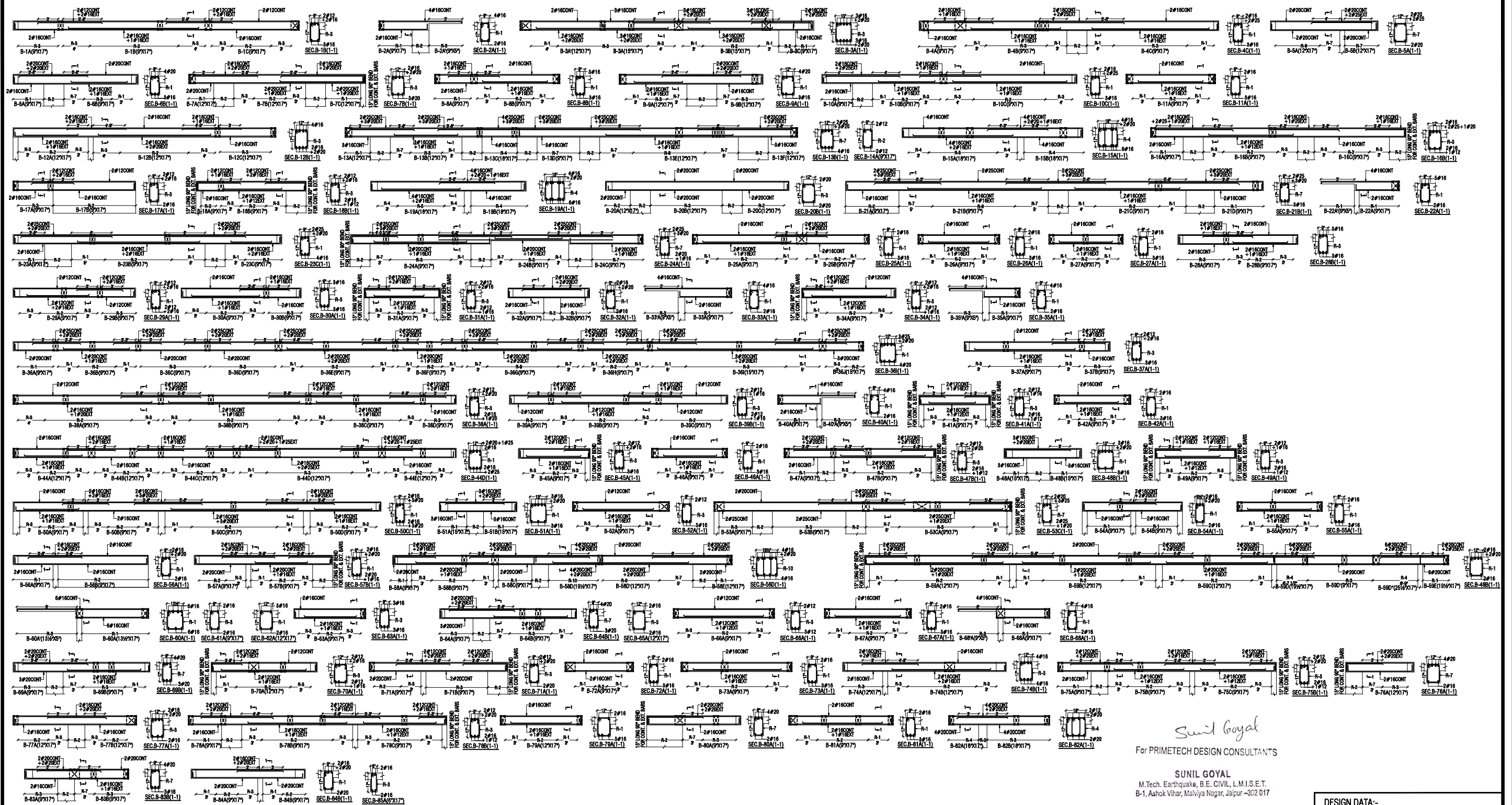
SUNIL GOYAL
M.Tech. Earthquake, B.E. CIVIL, L.M.I.S.E.T.
B-1, Ashok Vihar, Malviya Nagar, Jaipur -302 017

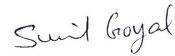
CONC. GRADE:- M-25 (1:1:2/MIX DESIGN)
STEEL GRADE:- Fe-550 D

SLAB REINFORCEMENT SCHEDULE			
SLAB No.	SHORTER/MAIN SPAN	LONGER SPAN	SLAB THICKNESS
S-1	#8@8"C/C	#8@8"C/C	5"
S-2	#8@6"C/C	#8@8"C/C	5"
S-3	#10@8"C/C	#8@8"C/C	5"
S-4	#10@6"C/C	#10@8"C/C	5"
S-5	#8@6"C/C	#8@6"C/C	5"
S-6	#10@7"C/C	#10@8"C/C	5"
S-7	#10@4"C/C	#10@4"C/C	5"

ADVANCE COPY

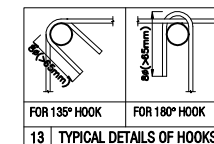
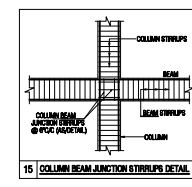
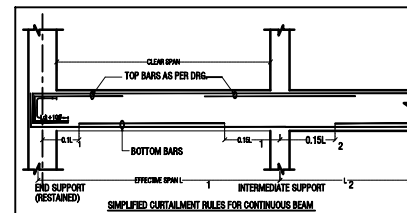
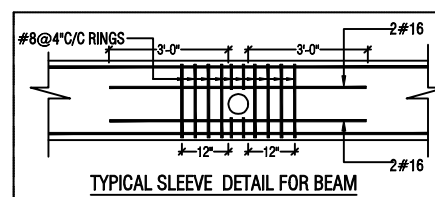
DESIGN DATA:- GRADE OF CONCRETE SHALL BE M-25. GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only) BUILDING DESIGN FOR S+6			
CLIENT:	AR INFRA		
PROJECT:	PROPOSED RESIDENTIAL BUILDING "LIVGYN" AT PLOT NO. 369,370,371,406 & 407 PINK CITY ENCLAVE, JAIPUR		
DRAWING TITLE:	TYPICAL FLOOR ROOF LVL. FRAMING PLAN		
ARCHITECTS:	SPACE GRID C-49,B-8,VIDYA APARTMENT,PARAS MARG, NEAR JANTA STORE,BAPU NAGAR		
DRAWN BY:	KRISHNA	DRAWING. NO	S-13
CHECKED BY:	ARUN	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	JULY 25/2024
STRUCTURAL CONSULTANT: PRIME TECH DESIGN CONSULTANTS B-1, ASHOK VIHAR, GIRDHAR MARG, MALVIYA NAGAR, JAIPUR-17 M: 94142 97788, T: 0141-3557508 E: ptd@jaipur@gmail.com			




SUNIL GOYAL
 M.Tech. Earthquake, B.E. CIVIL, L.M.I.S.E.T.
 B-1, Ashok Vihar, Malviya Nagar, Jaipur - 302 017

- NOTES**
1. MIX OF CONCRETE SHALL BE M-25 (1:1.2/MIX DESIGN)
 2. FOR BEAMS TERMINATING ON COLUMN, TOP EXTRA BARS SHALL BE PROVIDED BEFORE LOWERING DOWN THE BEAM
 3. MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9" WIDE BEAM
 4. THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"

ADVANCE COPY



A R INFRA

 Partner/Author, Signatory

RINGS DETAIL

- R-1 = #8@4"C/C
- R-2 = #8@8"C/C
- R-3 = #8@6"C/C
- R-4 = 4-L#8@4"C/C
- R-5 = 4-L#8@8"C/C
- R-6 = 4-L#8@6"C/C
- R-7 = #10@4"C/C
- R-8 = #10@8"C/C
- R-9 = #10@6"C/C
- R-10 = 4-L#10@4"C/C
- R-11 = 4-L#10@8"C/C
- R-12 = 4-L#10@6"C/C

DESIGN DATA:- GRADE OF CONCRETE SHALL BE M-25. GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only) BUILDING DESIGN FOR S+6	
CLIENT:	AR INFRA
PROJECT:	PROPOSED RESIDENTIAL BUILDING 120'X120' AT PLOT NO. 389, 370, 371, 408 & 407 PINK CITY ENCLAVE, JAIPUR
DRAWING TITLE:	TYPICAL FLOOR ROOF LVL. BEAM DETAIL
ARCHITECTS:	SPACE GRID C-402, 4, JYOTA APARTMENT, PARK MARG, NEAR JANTA STORE, MALVIYA NAGAR
DRAWN BY:	KRISHNA
CHECKED BY:	ARUN
SCALE:	N.T.S.
DATE:	JULY 25/2024
STRUCTURAL CONSULTANT: PRIME TECH DESIGN CONSULTANTS B-1, ASHOK VIHAR, GIRDHAR MARG, MALVIYA NAGAR, JAIPUR-17 M: 94142 97788, T: 0141-3557508 E: ptdc@japn@gmail.com	