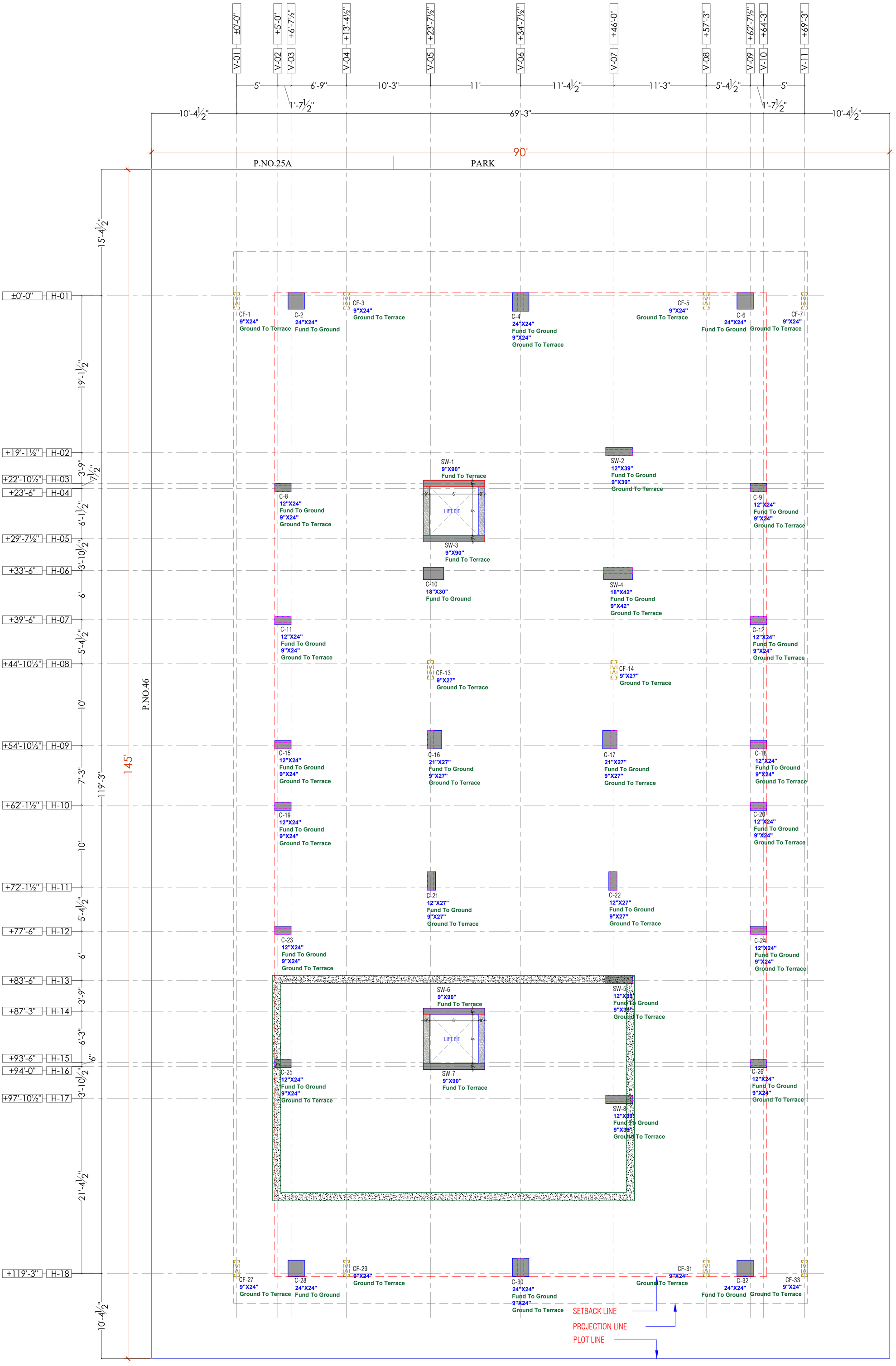


For SHYAM DESIGN CONSULTANTS

RAHUL SHARMA
B.Tech. (Civil) M.Tech. (Stru.)

PROJECT NAME:-

THE ROYALS PALACE

DEVELOPER NAME :-

SHREE RAM INFRA

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	Ldt
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

DESIGN FOR :-

BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

PROJECT:	**PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR.**		
DRAWING TITLE:	COLUMN LAYOUT		
ARCHITECTS:	4 INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.P. Marg , C- Scheme jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.arch@gmail.com		
DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-01
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	JUNE.14/2024

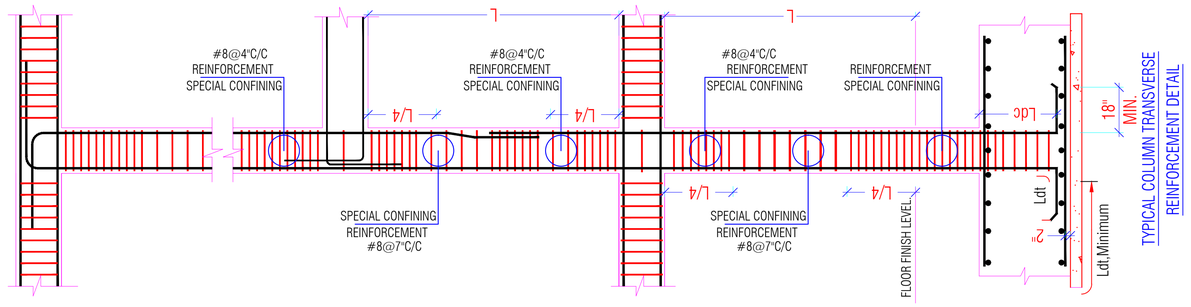
STRUCTURAL CONSULTANT:

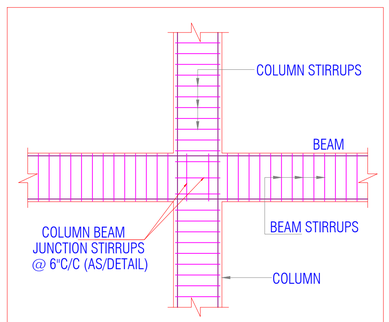
SHYAM DESIGN CONSULTANTS

ER. RAHULSHARMA [M.Tech Str.]
M: 9680459482, 9929039105
Email: shyamdesignconsultants1211@gmail.com

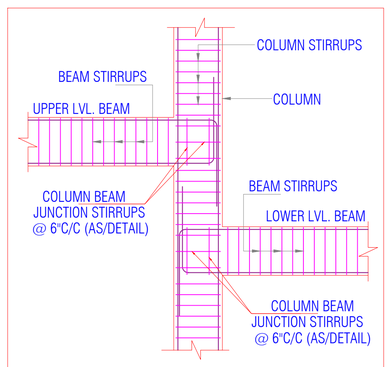
5th Floor lvl To Terrace Floor lvl	SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"			SIZE	9"x27"		SIZE	9"x24"		SIZE	9"x27"		SIZE	9"x27"	
	REINF.	10#16		REINF.	10#16		REINF.	4#20 +6#16		REINF.	10#16			REINF.	4#20 +6#16		REINF.	10#16		REINF.	4#20 +6#16		REINF.	4#20 +6#16	
	RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C	
	RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C			RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C	
4th Floor lvl To 5th Floor lvl	SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"			SIZE	9"x27"		SIZE	9"x24"		SIZE	9"x27"		SIZE	9"x27"	
	REINF.	4#20 +6#16		REINF.	4#20 +6#16		REINF.	8#20 +2#16		REINF.	4#20 +6#16			REINF.	8#20 +6#16		REINF.	10#16		REINF.	8#20 +6#16		REINF.	8#20 +2#16	
	RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C	
	RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C			RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C	
3rd Floor lvl To 4th Floor lvl	SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"			SIZE	9"x27"		SIZE	9"x24"		SIZE	9"x27"		SIZE	9"x27"	
	REINF.	8#20 +2#16		REINF.	8#20 +2#16		REINF.	10#20		REINF.	8#20 +2#16			REINF.	10#20		REINF.	4#20 +6#16		REINF.	10#20		REINF.	10#20	
	RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C	
	RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C			RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C	
2nd Floor lvl To 3rd Floor lvl	SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"			SIZE	9"x27"		SIZE	9"x24"		SIZE	9"x27"		SIZE	9"x27"	
	REINF.	10#20		REINF.	10#20		REINF.	4#25 +6#20		REINF.	10#20			REINF.	4#25 +6#20		REINF.	8#20 +4#16		REINF.	4#25 +6#20		REINF.	4#25 +6#20	
	RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C	
	RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C			RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C	
1st Floor lvl To 2nd Floor lvl	SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"			SIZE	9"x27"		SIZE	9"x24"		SIZE	9"x27"		SIZE	9"x27"	
	REINF.	4#25 +6#20		REINF.	4#25 +6#20		REINF.	8#25 +2#20		REINF.	4#25 +6#20			REINF.	8#25 +2#20		REINF.	10#20		REINF.	8#25 +2#20		REINF.	8#25 +2#20	
	RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C	
	RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C			RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C	
Ground Floor lvl To 1st Floor lvl	SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"		SIZE	9"x24"			SIZE	9"x27"		SIZE	9"x24"		SIZE	9"x27"		SIZE	9"x27"	
	REINF.	8#25 +2#20		REINF.	10#25		REINF.	10#25		REINF.	8#25 +2#20			REINF.	10#25		REINF.	4#25 +6#20		REINF.	10#25		REINF.	10#25	
	RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@7"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C	
	RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C			RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C	
Footing To Ground Floor lvl				SIZE	24"x24"		SIZE	24"x24"		SIZE	12"x24"			SIZE	18"x30"					SIZE	12"x24"		SIZE	21"x27"	
				REINF.	20#25		REINF.	20#25		REINF.	4#25 +8#20			REINF.	16#25					REINF.	4#25 +8#20		REINF.	16#25	
				RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C			RINGS AT SUPPORT	#8@4"C/C					RINGS AT SUPPORT	#8@4"C/C		RINGS AT SUPPORT	#8@4"C/C	
				RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C			RINGS AT MID SPAN	#8@7"C/C					RINGS AT MID SPAN	#8@7"C/C		RINGS AT MID SPAN	#8@7"C/C	
COLUMN	CF-1/CF-7/CF-27/CF-33.			C-2/C-6/C-28/C-32.			CF-3/CF-5/CF-29/CF-31.			C-4/C-30.				C-8/C-9/C-11/C-12/C-23/C-24/C-25/C-26.			C-10.			CF-13/CF-14.		C-15/C-18.		C-16/C-17.	

5th Floor lvl To Terrace Floor lvl	SIZE	9"x90"		SIZE	9"x39"		SIZE	9"x42"															
	REINF.	44#12		REINF.	12#16 +6#12		REINF.	8#16 +12#12															
4th Floor lvl To 5th Floor lvl	SIZE	9"x90"		SIZE	9"x39"		SIZE	9"x42"															
	REINF.	44#12		REINF.	18#16		REINF.	20#16															
3rd Floor lvl To 4th Floor lvl	SIZE	9"x90"		SIZE	9"x39"		SIZE	9"x42"															
	REINF.	44#12		REINF.	4#20 +14#16		REINF.	8#20 +12#16															
2nd Floor lvl To 3rd Floor lvl	SIZE	9"x90"		SIZE	9"x39"		SIZE	9"x42"															
	REINF.	44#12		REINF.	12#20 +6#16		REINF.	20#20															
1st Floor lvl To 2nd Floor lvl	SIZE	9"x90"		SIZE	9"x39"		SIZE	9"x42"															
	REINF.	44#12		REINF.	18#20		REINF.	8#25 +10#20															
Ground Floor lvl To 1st Floor lvl	SIZE	9"x90"		SIZE	9"x39"		SIZE	9"x42"															
	REINF.	8#16 +36#12		REINF.	8#25 +10#20		REINF.	20#25															
Footing To Ground Floor lvl	SIZE	9"x90"		SIZE	12"x39"		SIZE	18"x42"															
	REINF.	20#16 +24#12		REINF.	8#25 +12#20		REINF.	24#25															
WALL	SW-1/SW-3/SW-6/SW-7.			SW-2/SW-5.			SW-4.																

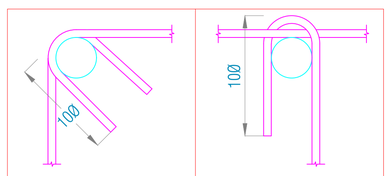




COLUMN BEAM JUNCTION STIRRUPS DETAIL



COLUMN BEAM JUNCTION STIRRUPS DETAIL



FOR 135° HOOK	FOR 180° HOOK

TYPICAL DETAILS OF HOOKS

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	Ldt
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

DESIGN FOR :-

BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

PROJECT:	**PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR.**		
DRAWING TITLE:	COLUMN & WALL SCHEDULE		
ARCHITECTS:	INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.P. Marg , C- Scheme jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.arch@gmail.com		
DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-02
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	JUNE.14/2024

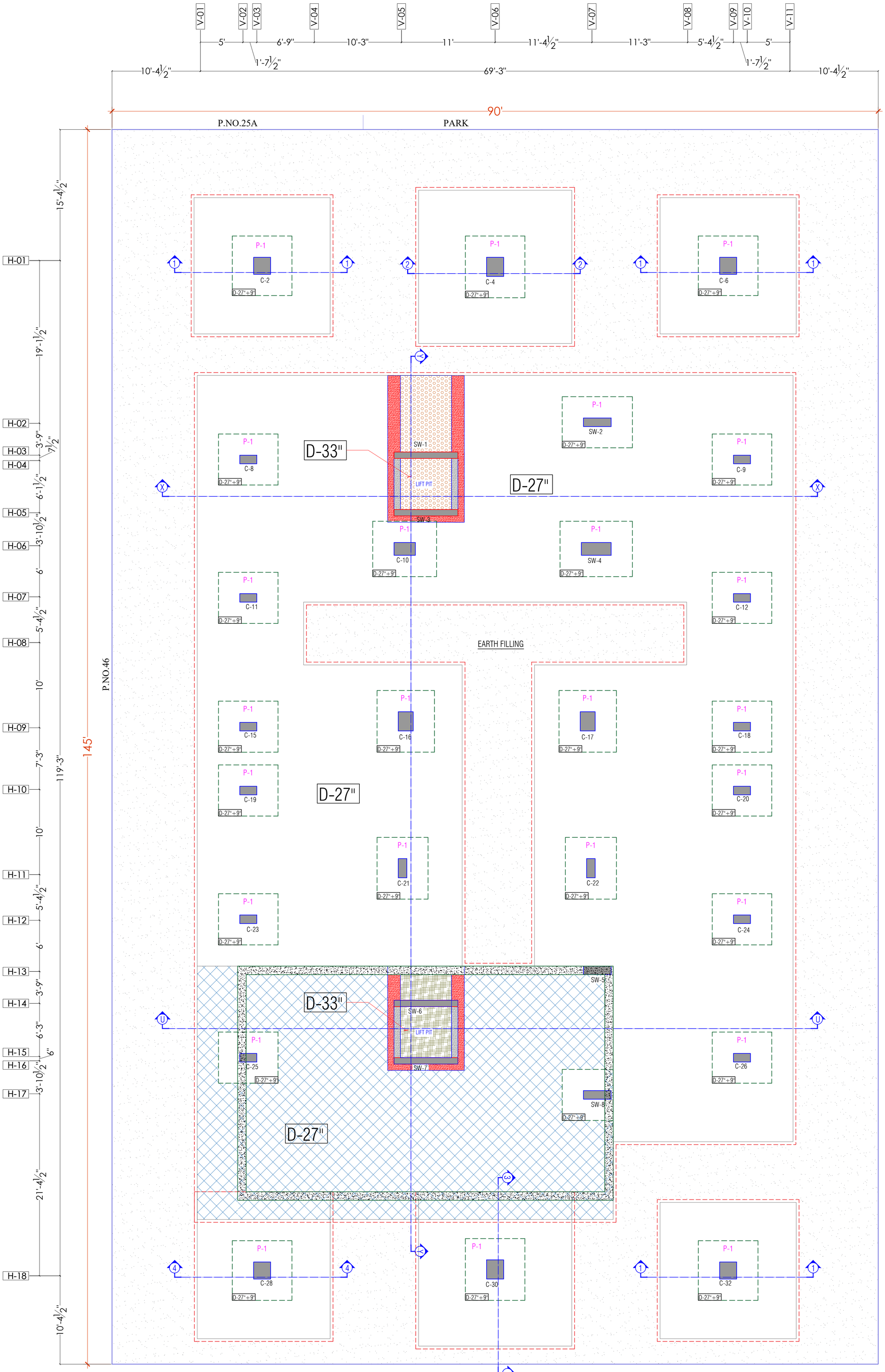
For SHYAM DESIGN CONSULTANTS
RAHUL SHARMA
B.Tech. (Civil) M.Tech. (Stru.)

PROJECT NAME:-
THE ROYALS PALACE

DEVELOPER NAME :-
SHREE RAM INFRA

STRUCTURAL CONSULTANT:

SHYAM DESIGN CONSULTANTS
ER. RAHULSHARMA [M.Tech Str.]
M: 9680459482, 9929039105
Email: shyamdesignconsultants1211@gmail.com



RAFT TOP PEDESTAL LAYOUT

RAFT CONTINUOUS(MAIN) REINFORCEMENT DETAILS:

1. RAFT BOTTOM OUTER BARS PARALLEL TO X- DIRECTION= #12@8"C/C (LAYER-1)
2. RAFT BOTTOM INNER BARS PARALLEL TO Y- DIRECTION= #12@8"C/C (LAYER-2)
3. RAFT TOP INNER BARS PARALLEL TO Y- DIRECTION= #12@8"C/C (LAYER-3)
4. RAFT TOP OUTER BARS PARALLEL TO X- DIRECTION= #12@8"C/C (MAIN) (LAYER-4)

RAFT THICKNESS = D-27" UNLESS SPECIFIED

LIFT PIT RAFT THICKNESS = D-33" UNLESS SPECIFIED

1. LIFT PIT BOTTOM THRU. BARS PARALLEL TO X & Y DIRECTION= #20@4"C/C
1. LIFT PIT TOP THRU. BARS PARALLEL TO X & Y DIRECTION= #16@8"C/C

DETAIL OF PADESTAL P-1

LEGENDS OTHERS.

- EARTH FILLING
- LIFT PIT LVL @ B.F.L LVL
- FOOTING @ B.F.L LVL
- R.C.C WALL @ LIFT PIT LVL
- LIFT PIT LVL @ N.G.L LVL

For SHYAM DESIGN CONSULTANTS
Rahul Sharma
RAHUL SHARMA
B.Tech. (Civil) M.Tech. (Stru.)

PROJECT NAME:-

THE ROYALS PALACE

DEVELOPER NAME :-

SHREE RAM INFRA

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	Ldt
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

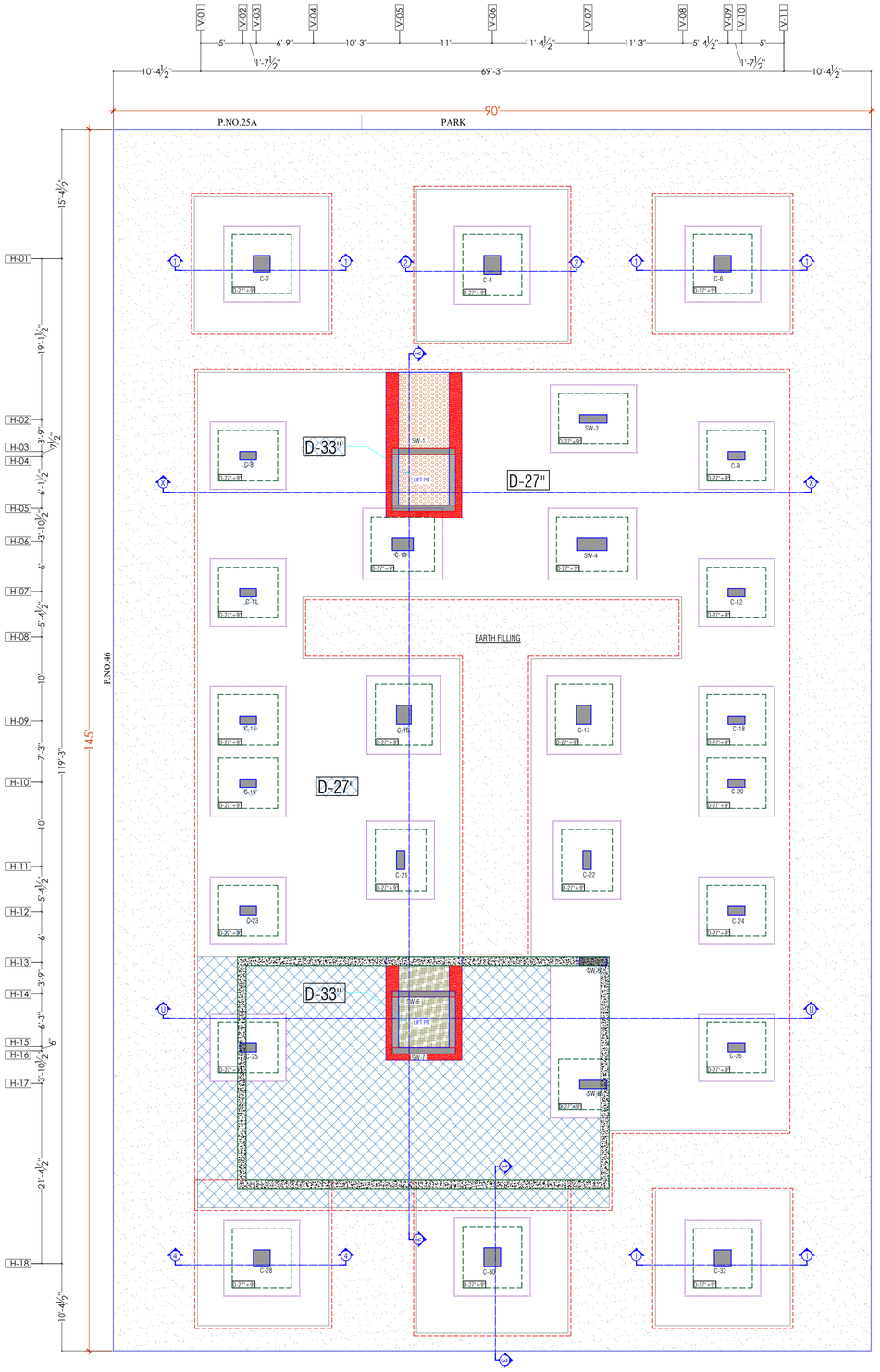
DESIGN FOR :-

BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

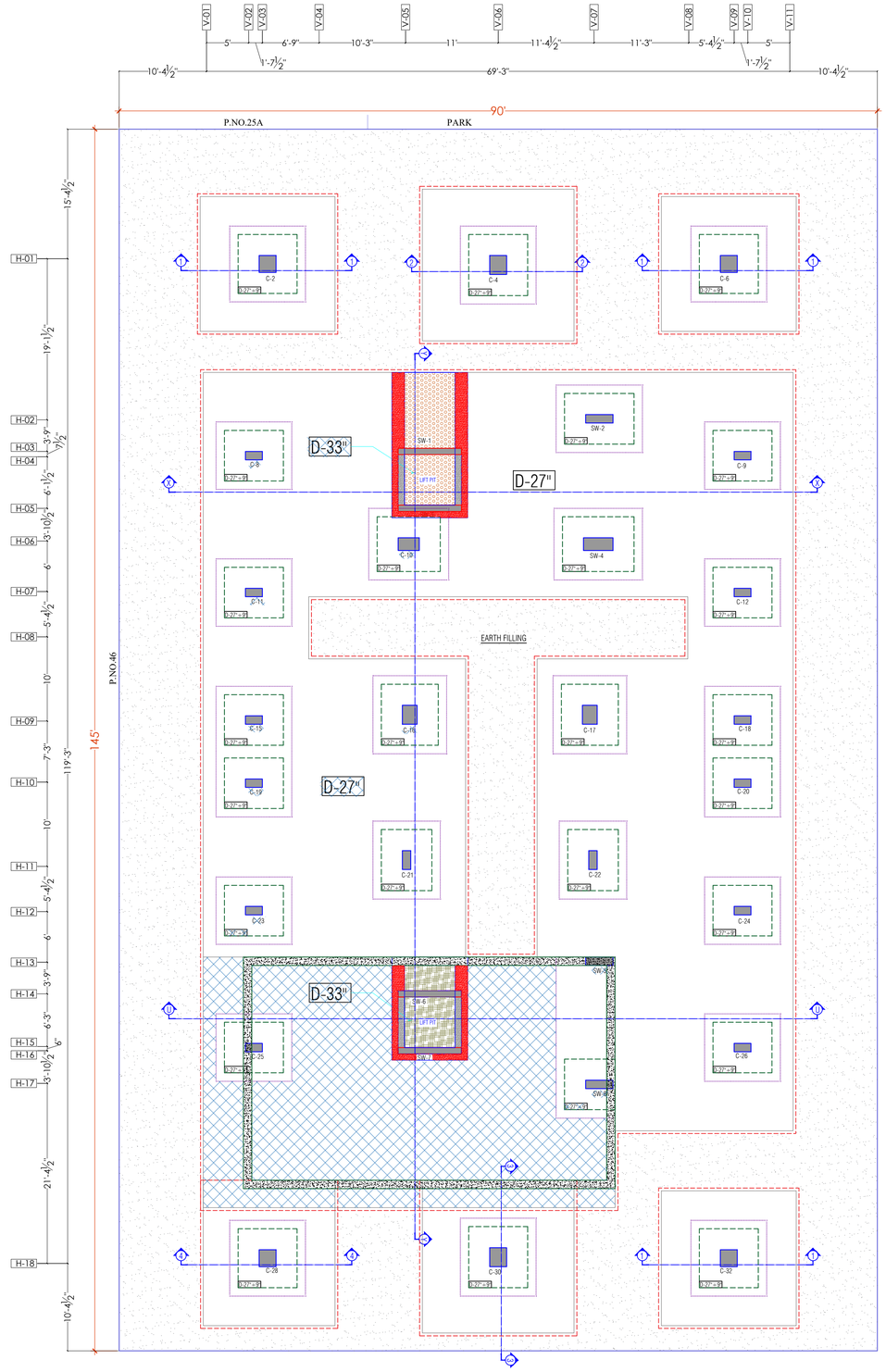
PROJECT:	**PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR.**		
DRAWING TITLE:	RAFT TOP PEDESTAL LAYOUT		
ARCHITECTS:	4 INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.P. Marg , C- Scheme jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.arch@gmail.com		
DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-03
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	JUNE.14/2024

STRUCTURAL CONSULTANT:

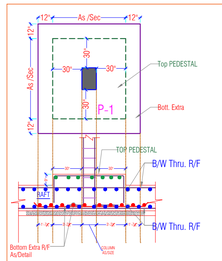
SHYAM DESIGN CONSULTANTS
ER. RAHULSHARMA [M.Tech Str.]
M: 9680459482, 9929039105
Email: shyamdesignconsultants1211@gmail.com



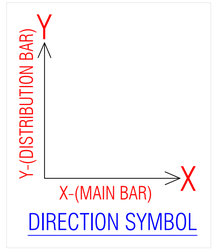
RAFT BOTTOM EXTRA R/f PLAN (PARALLEL TO X-DIRECTION)



RAFT BOTTOM EXTRA R/f PLAN (PARALLEL TO Y-DIRECTION)



DETAIL OF PADESTAL P-1



DIRECTION SYMBOL

For SHYAM DESIGN CONSULTANTS
RAHUL SHARMA
B.Tech. (Civil) M.Tech. (Stru.)

PROJECT NAME:-

THE ROYALS PALACE

DEVELOPER NAME :-

SHREE RAM INFRA

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	Ldf
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

DESIGN FOR :-

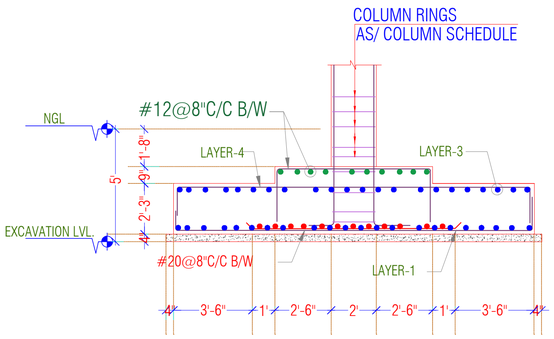
BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

PROJECT:	**PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR**
DRAWING TITLE:	RAFT BOTTOM EXTRA R/f PLAN (PARALLEL TO X & Y-DIRECTION) LAYOUT
ARCHITECTS:	4 INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.F. Marg, C- Scheme,jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.archi@gmail.com

DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-04
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	JUNE.14/2024

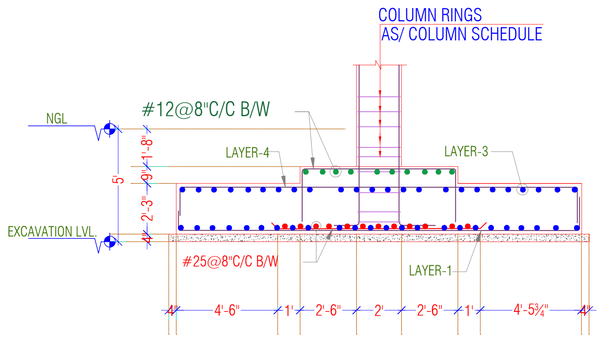
STRUCTURAL CONSULTANT:

SHYAM DESIGN CONSULTANTS
ER. RAHULSHARMA [M.Tech Str.]
M. 9680494482, 9929039105
Email: shyamdesignconsultants1211@gmail.com



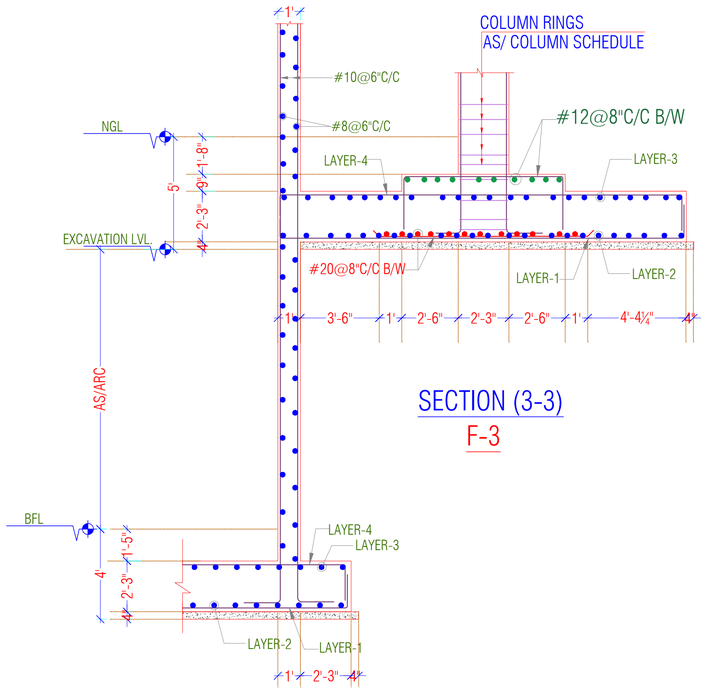
SECTION (1-1)

F-1



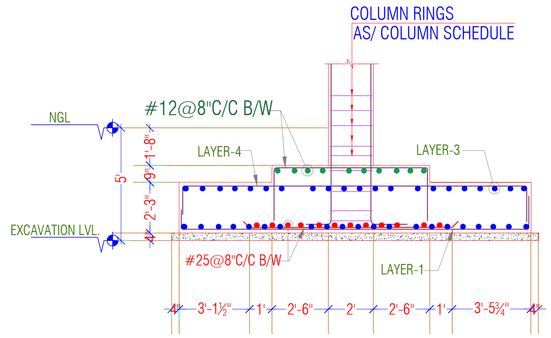
SECTION (2-2)

F-2



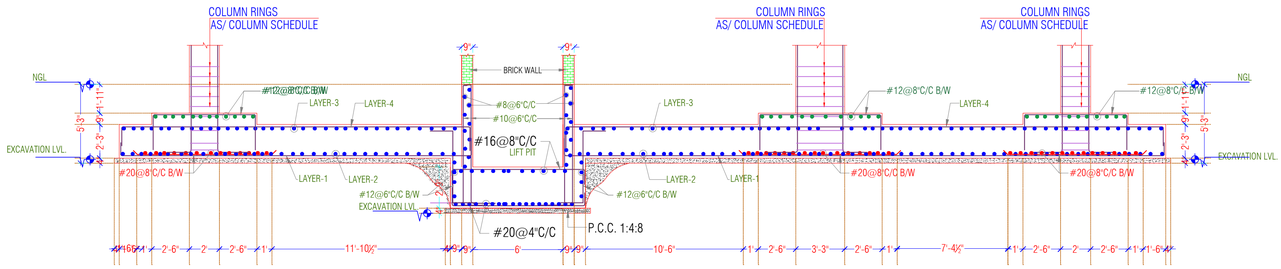
SECTION (3-3)

F-3

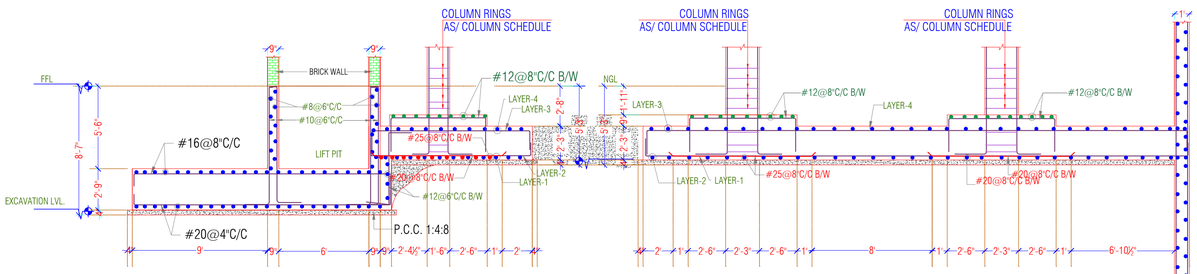


SECTION (4-4)

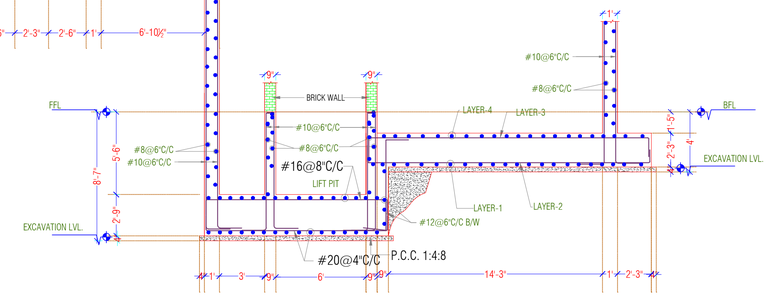
F-4



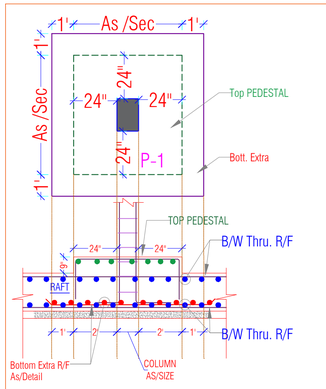
SECTION (X-X)



SECTION (Y-Y)



SECTION (Y-Y)



DETAIL OF PADESTAL P-1

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	Ldt
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

DESIGN FOR :-

BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

PROJECT:	**PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR.**		
DRAWING TITLE:	RAFT FOUNDATION SECTIONS		
ARCHITECTS:	4 INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.P. Marg , C- Scheme jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.arch@gmail.com		
DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-05
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	JUNE.14/2024

STRUCTURAL CONSULTANT:

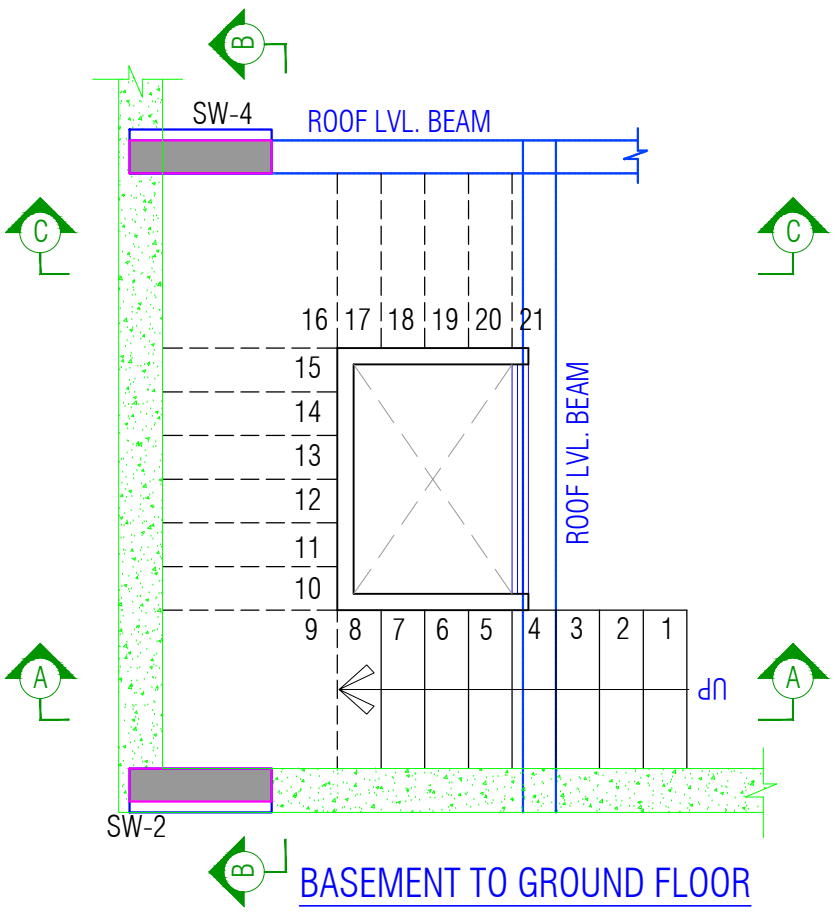
For SHYAM DESIGN CONSULTANTS
RAHUL SHARMA
B.Tech. (Civil) M.Tech. (Stru.)

SHYAM DESIGN CONSULTANTS

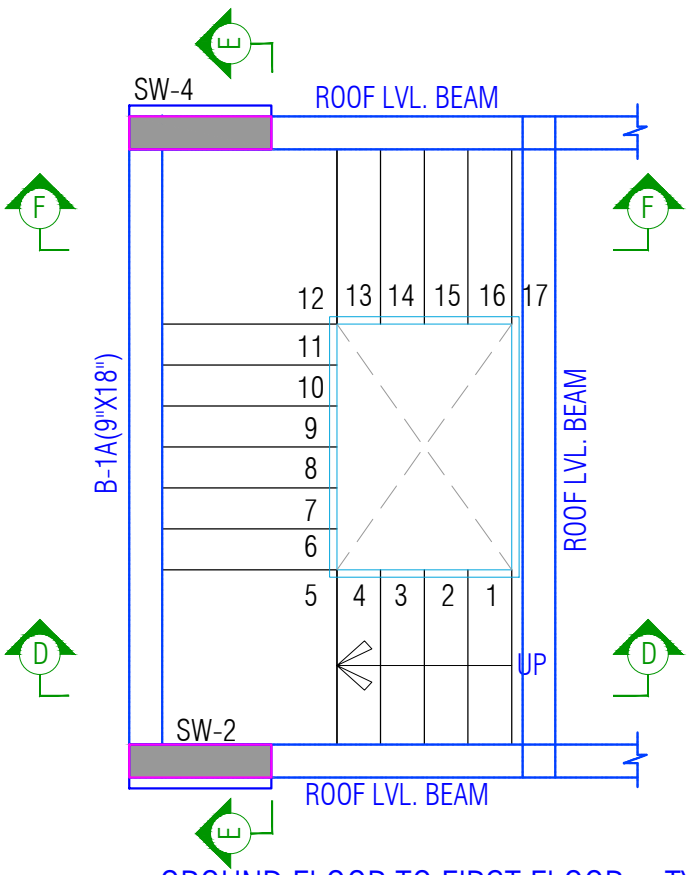
ER. RAHULSHARMA [M.Tech Str.]
M: 9680459482, 9929039105
Email: shyamdesignconsultants1211@gmail.com

PROJECT NAME:-
THE ROYALS PALACE

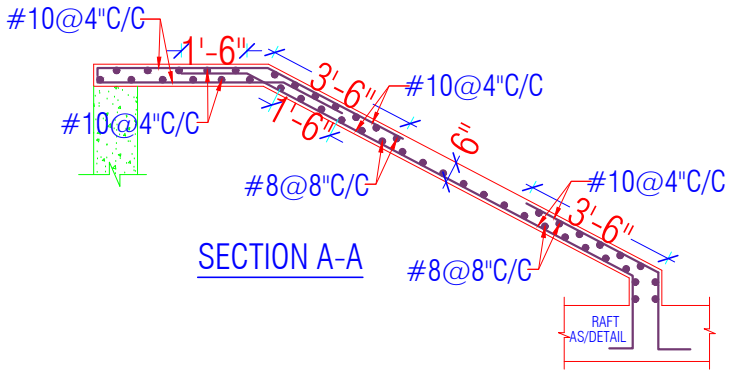
DEVELOPER NAME :-
SHREE RAM INFRA



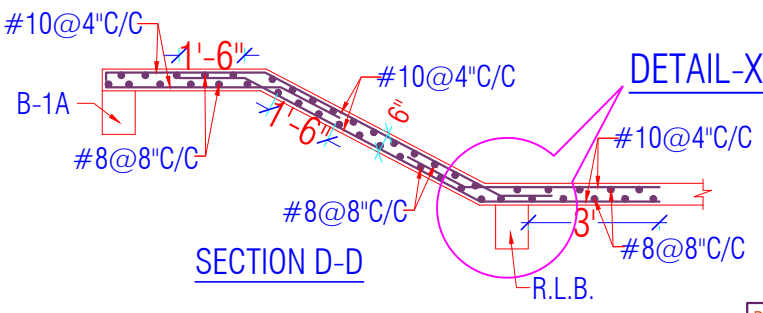
BASEMENT TO GROUND FLOOR



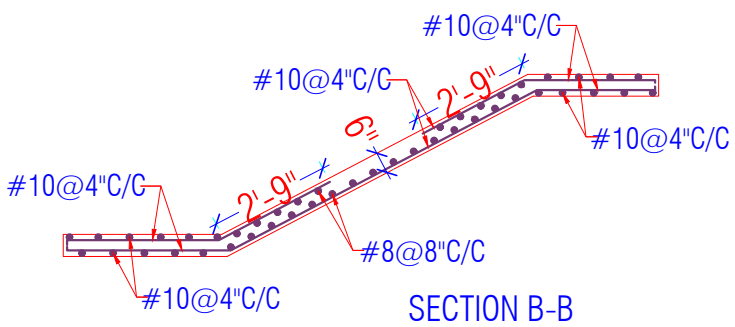
GROUND FLOOR TO FIRST FLOOR <TYP.>



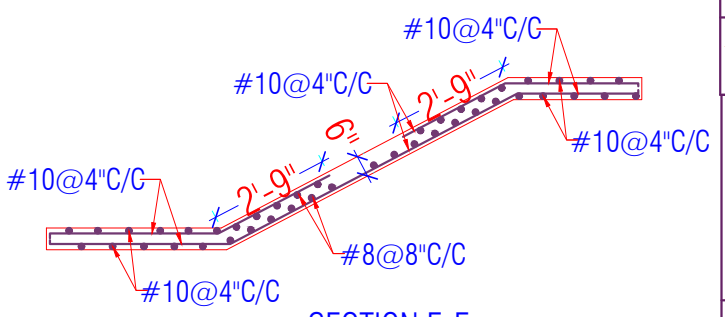
SECTION A-A



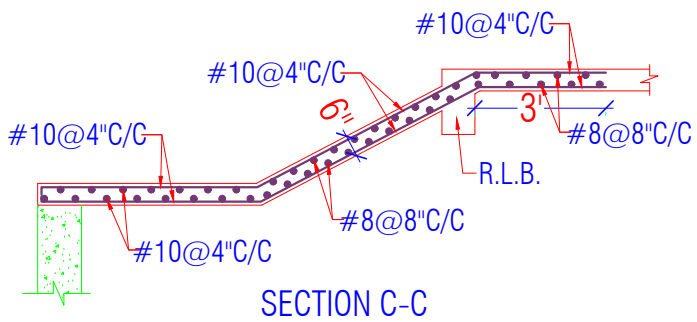
SECTION D-D



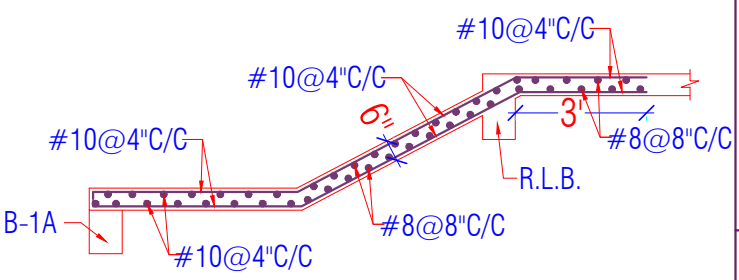
SECTION B-B



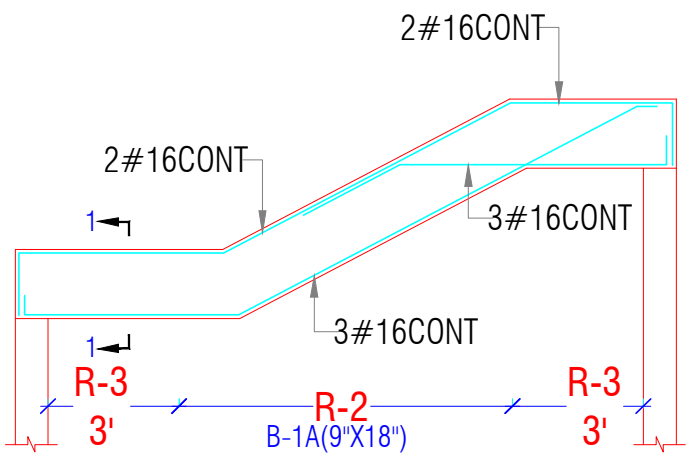
SECTION E-E

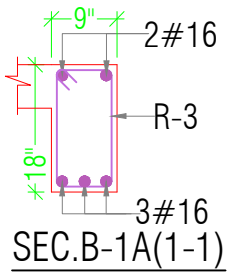


SECTION C-C

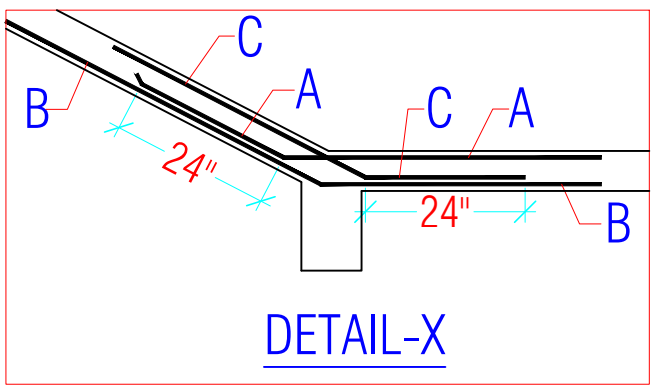


SECTION F-F





SEC.B-1A(1-1)



DETAIL-X

RINGS DETAIL

R-1 = #8@4"C/C
R-2 = #8@8"C/C
R-3 = #8@6"C/C

For SHYAM DESIGN CONSULTANTS
RAHUL SHARMA
B.Tech. (Civil) M.Tech. (Stru.)

PROJECT NAME:-
THE ROYALS PALACE

DEVELOPER NAME :-
SHREE RAM INFRA

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS..

CONC. GRADE	Ldt
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

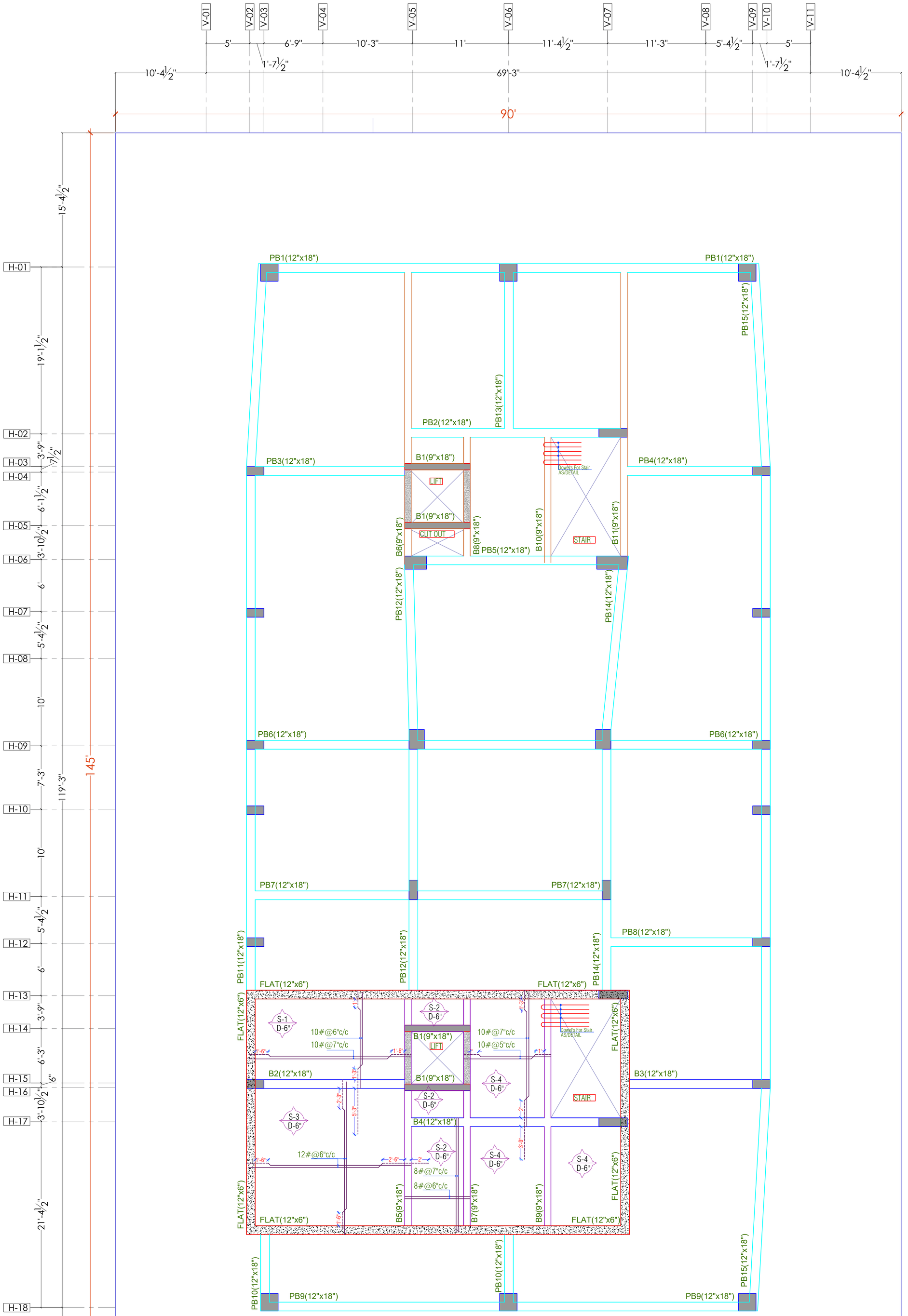
DESIGN FOR :-

BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

PROJECT:	PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR		
DRAWING TITLE:	STAIR CASE DETAILS		
ARCHITECTS:	4 INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.P. Marg , C- Scheme jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.arch@gmail.com		
DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-06
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	JUNE.26/2024

STRUCTURAL CONSULTANT:

SHYAM DESIGN CONSULTANTS
ER. RAHULSHARMA (M.Tech Str.)
M: 9680459482, 9929039105
Email: shyamdesignconsultants1211@gmail.com



2-Legged Ring

TYPICAL CUT OUT DETAIL

For SHYAM DESIGN CONSULTANTS
Rahul Sharma
RAHUL SHARMA
B.Tech. (Civil) M.Tech. (Stru.)

PROJECT NAME:-

THE ROYALS PALACE

DEVELOPER NAME :-

SHREE RAM INFRA

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	Ldt
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

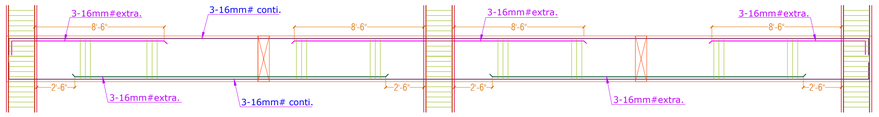
DESIGN FOR :-

BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

PROJECT:	**PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR.**		
DRAWING TITLE:	BASEMENT ROOF & PLINTH BEAM LAYOUT		
ARCHITECTS:	4 INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.P. Marg , C- Scheme jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.arch@gmail.com		
DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-07
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	JUNE.14/2024

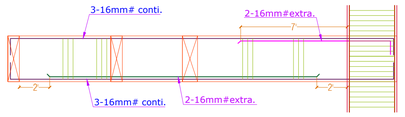
STRUCTURAL CONSULTANT:

SHYAM DESIGN CONSULTANTS
ER. RAHULSHARMA [M.Tech Str.]
M: 9680459482, 9929039105
Email: shyamdesignconsultants1211@gmail.com



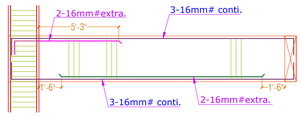
[2-Legged]8mm As/Sch.

PB1(12"X18")



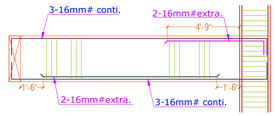
[2-Legged]8mm As/Sch.

PB2(12"X18")



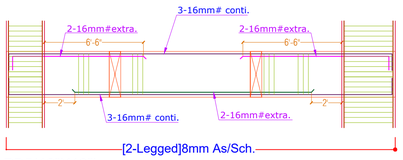
[2-Legged]8mm As/Sch.

PB3(12"X18")



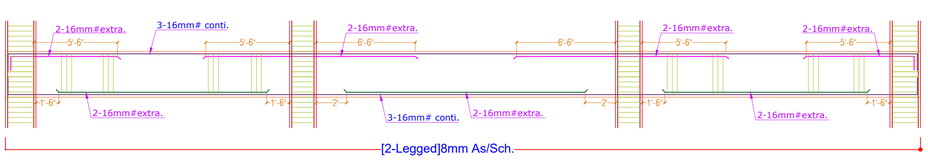
[2-Legged]8mm As/Sch.

PB4(12"X18")



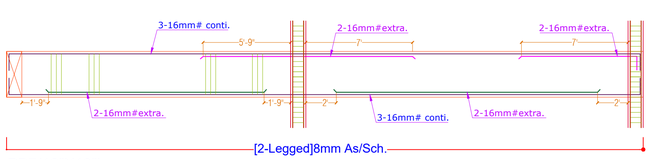
[2-Legged]8mm As/Sch.

PB5(12"X18")



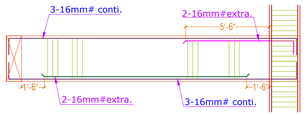
[2-Legged]8mm As/Sch.

PB6(12"X18")



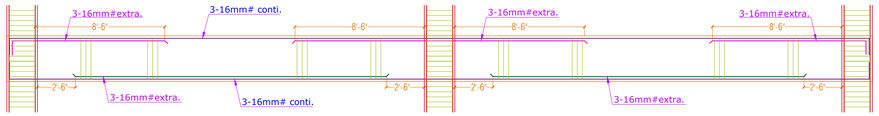
[2-Legged]8mm As/Sch.

PB7(12"X18")



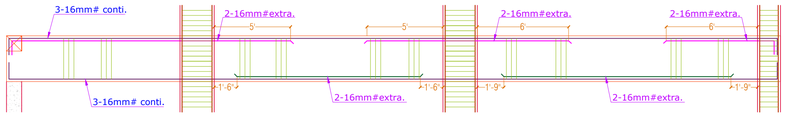
[2-Legged]8mm As/Sch.

PB8(12"X18")



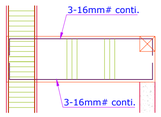
[2-Legged]8mm As/Sch.

PB9(12"X18")



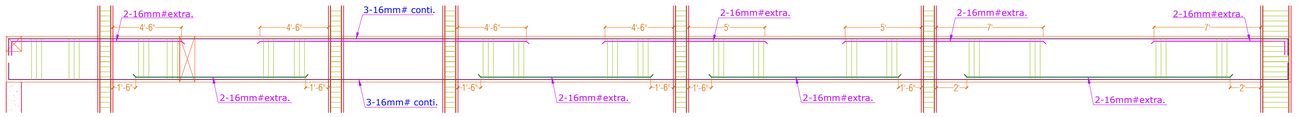
[2-Legged]8mm As/Sch.

PB12(12"X18")



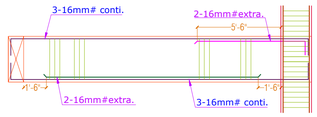
[2-Legged]8mm As/Sch.

PB10(12"X18")



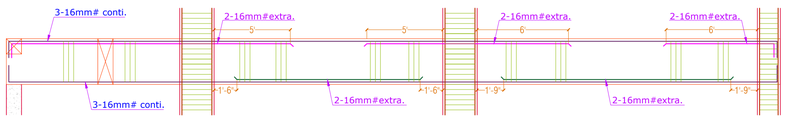
[2-Legged]8mm As/Sch.

PB11(12"X18")



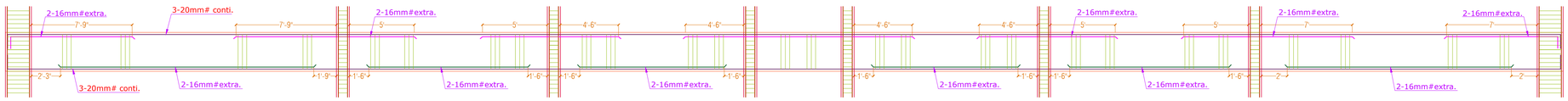
[2-Legged]8mm As/Sch.

PB13(12"X18")



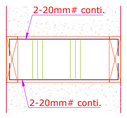
[2-Legged]8mm As/Sch.

PB14(12"X18")



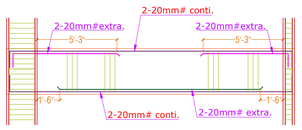
[2-Legged]8mm As/Sch.

PB15(12"X18")



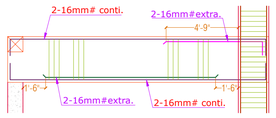
[2-Legged]8mm As/Sch.

B1(9"X18")



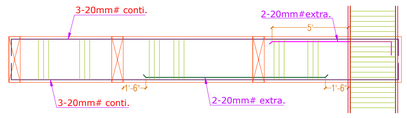
[2-Legged]8mm As/Sch.

B2(9"X18")



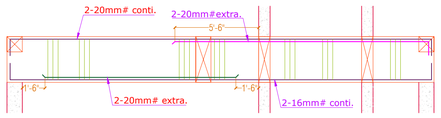
[2-Legged]8mm As/Sch.

B3(9"X18")



[2-Legged]8mm As/Sch.

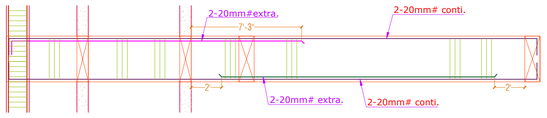
B4(12"X18")



[2-Legged]8mm As/Sch.

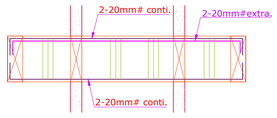
B5/B7(9"X18")

FLAT(12"X6")



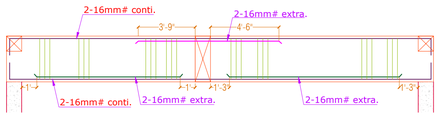
[2-Legged]8mm As/Sch.

B6(9"X18")



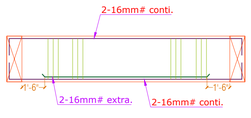
[2-Legged]8mm As/Sch.

B8(9"X18")



[2-Legged]8mm As/Sch.

B9(9"X18")



[2-Legged]8mm As/Sch.

B10(9"X18")

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	Ldt
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

DESIGN FOR :-

BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

PROJECT:	**PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR.**		
DRAWING TITLE:	BASEMENT ROOF & PLINTH BEAM DETAILS		
ARCHITECTS:	4 INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.P. Marg , C- Scheme jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.arch@gmail.com		
DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-08
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	JUNE.14/2024

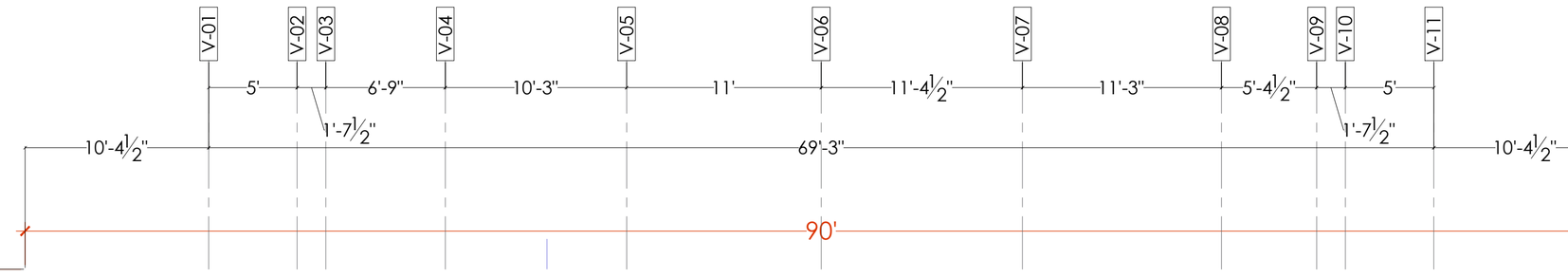
For SHYAM DESIGN CONSULTANTS
RAHUL SHARMA
B.Tech. (Civil) M.Tech. (Stru.)

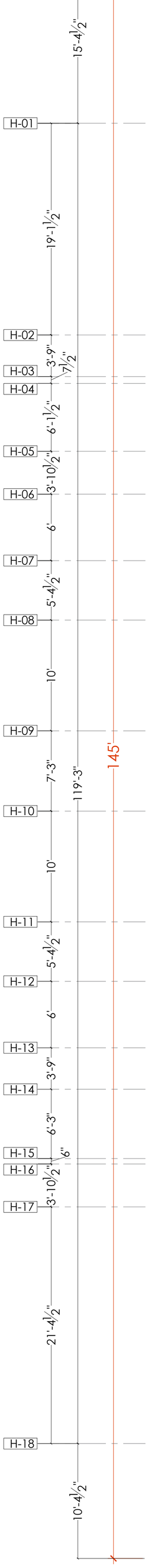
PROJECT NAME:-
THE ROYALS PALACE

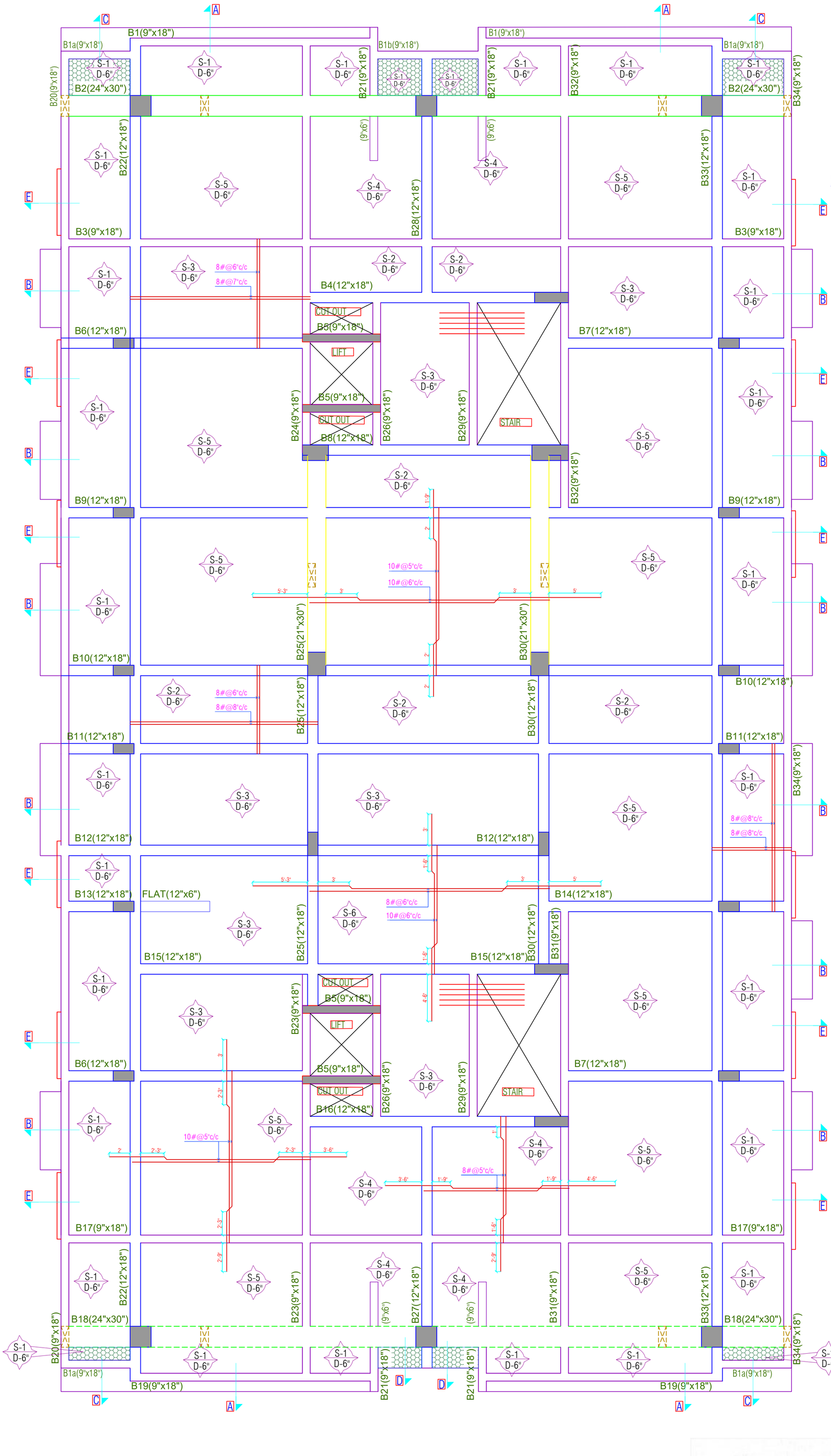
DEVELOPER NAME :-
SHREE RAM INFRA

STRUCTURAL CONSULTANT:

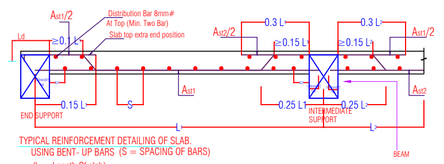
SHYAM DESIGN CONSULTANTS
ER. RAHULSHARMA [M.Tech Str.]
M: 9680459482, 9929039105
Email: shyamdesignconsultants1211@gmail.com



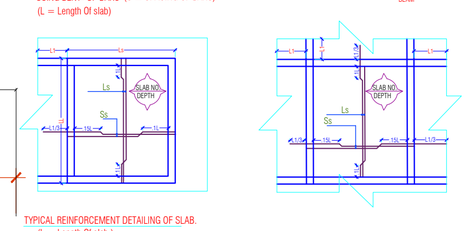




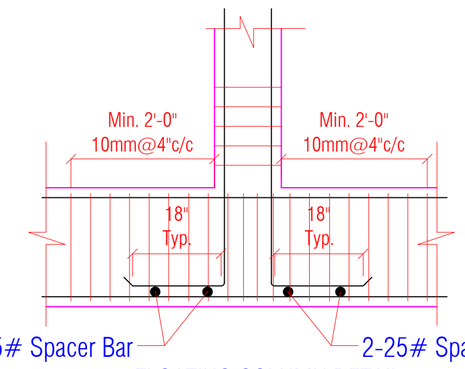
SLAB R/F SPECIFICATIONS :-



TYPICAL REINFORCEMENT DETAILING OF SLAB.
USING BENT- UP BARS (S = SPACING OF BARS)
(L = Length Of slab)



TYPICAL REINFORCEMENT DETAILING OF SLAB.
(L = Length Of slab)
(Ls = Length Of Short slab span)
(LL = Length Of Long slab span)
(L1 = Length Of Other slab span)



FLOATING COLUMN DETAIL
Detail A"

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	Ldt
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

DESIGN FOR :-

BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

PROJECT:	**PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR.**		
DRAWING TITLE:	STILT FLOOR ROOF LAYOUT		
ARCHITECTS:	4 INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.P. Marg , C- Scheme jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.arch@gmail.com		
DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-09
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	JULY 07/2024

STRUCTURAL CONSULTANT:

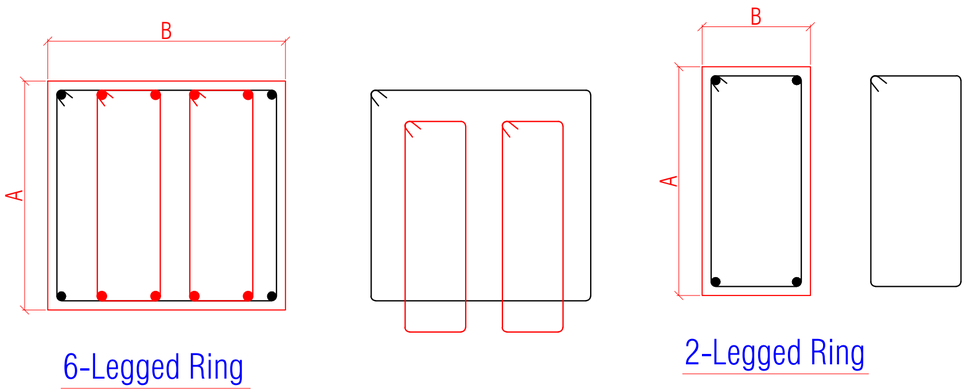
SHYAM DESIGN CONSULTANTS
ER. RAHULSHARMA [M.Tech Str.]
M: 9680459482, 9929039105
Email: shyamdesignconsultants1211@gmail.com

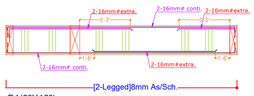
PROJECT NAME:-

THE ROYALS PALACE

DEVELOPER NAME :-

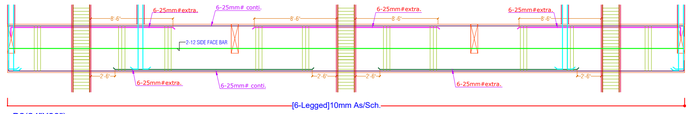
SHREE RAM INFRA



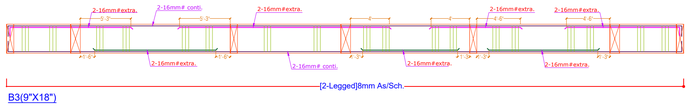


B1(9"X18")

B1a(9"X18")



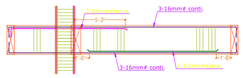
B2(24"X30")



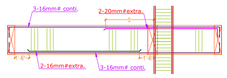
B3(9"X18")

B4(12"X18")

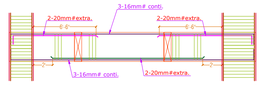
B5(9"X18")



B6(12"X18")

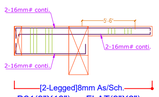


B7(12"X18")

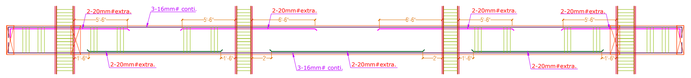


B8 (12"X18")

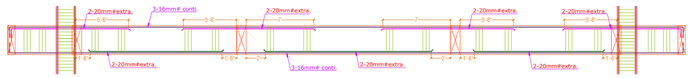
B9(12"X18")



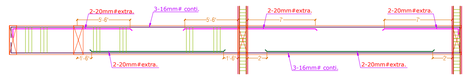
B21(9"X18") FLAT(9"X6")



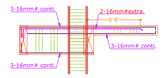
B10(12"X18")



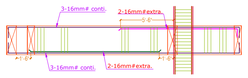
B11(12"X18")



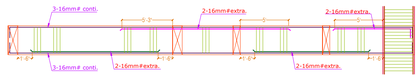
B12(12"X18")



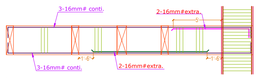
B13(12"X18") FLAT(12"X6")



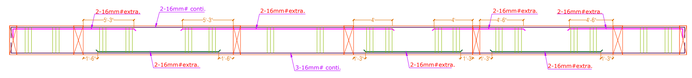
B14(12"X18")



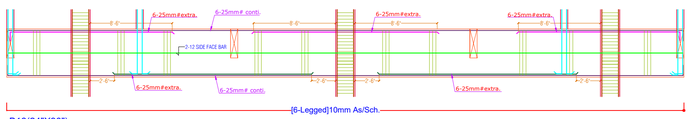
B15(12"X18")



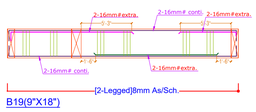
B16(12"X18")



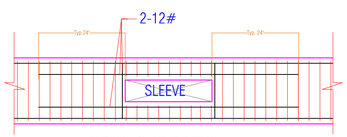
B17(9"X18")



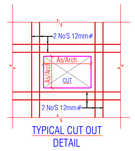
B18(24"X30")



B19(9"X18")

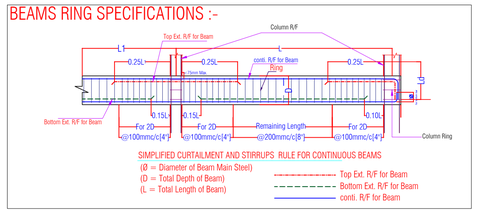


TYPICAL SLEEVE DETAIL



TYPICAL CUT OUT DETAIL

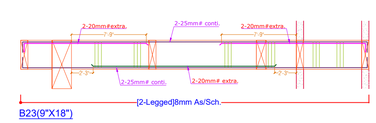
BEAMS RING SPECIFICATIONS :-



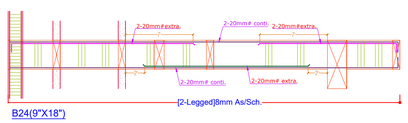
SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS

(Ø = Diameter of Beam Main Steel)
(D = Total Depth of Beam)
(L = Total Length of Beam)

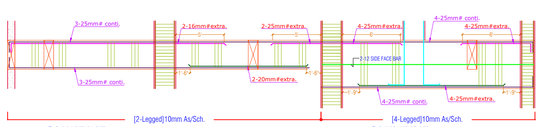
Top Ext. R/F for Beam
Bottom Ext. R/F for Beam
conti. R/F for Beam



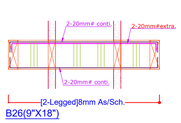
B23(9"X18")



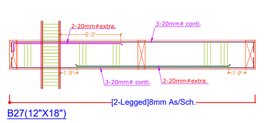
B24(9"X18")



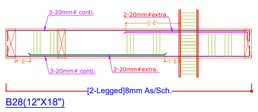
B25(12"X18") B25(21"X30")



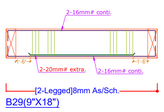
B26(9"X18")



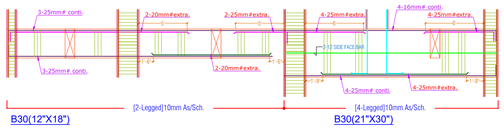
B27(12"X18")



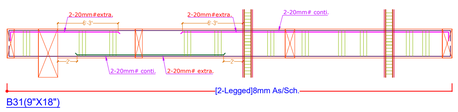
B28(12"X18")



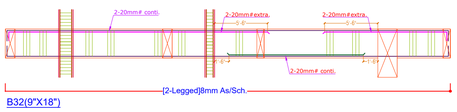
B29(9"X18")



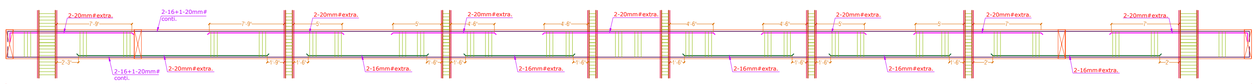
B30(12"X18") B30(21"X30")



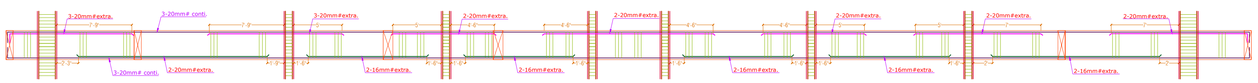
B31(9"X18")



B32(9"X18")

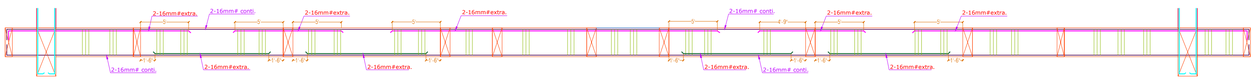


B33(12"X18")

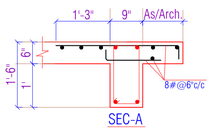


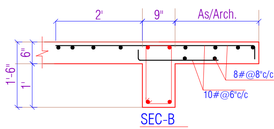
B22(12"X18")

B20(9"X18")



B34(9"X18")





GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	Ldt
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

DESIGN FOR :-

BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

PROJECT:	**PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR.**		
DRAWING TITLE:	STILT FLOOR ROOF DETAILS		
ARCHITECTS:	4 INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.P. Marg , C- Scheme jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.arch@gmail.com		
DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-10
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	JULY 07/2024

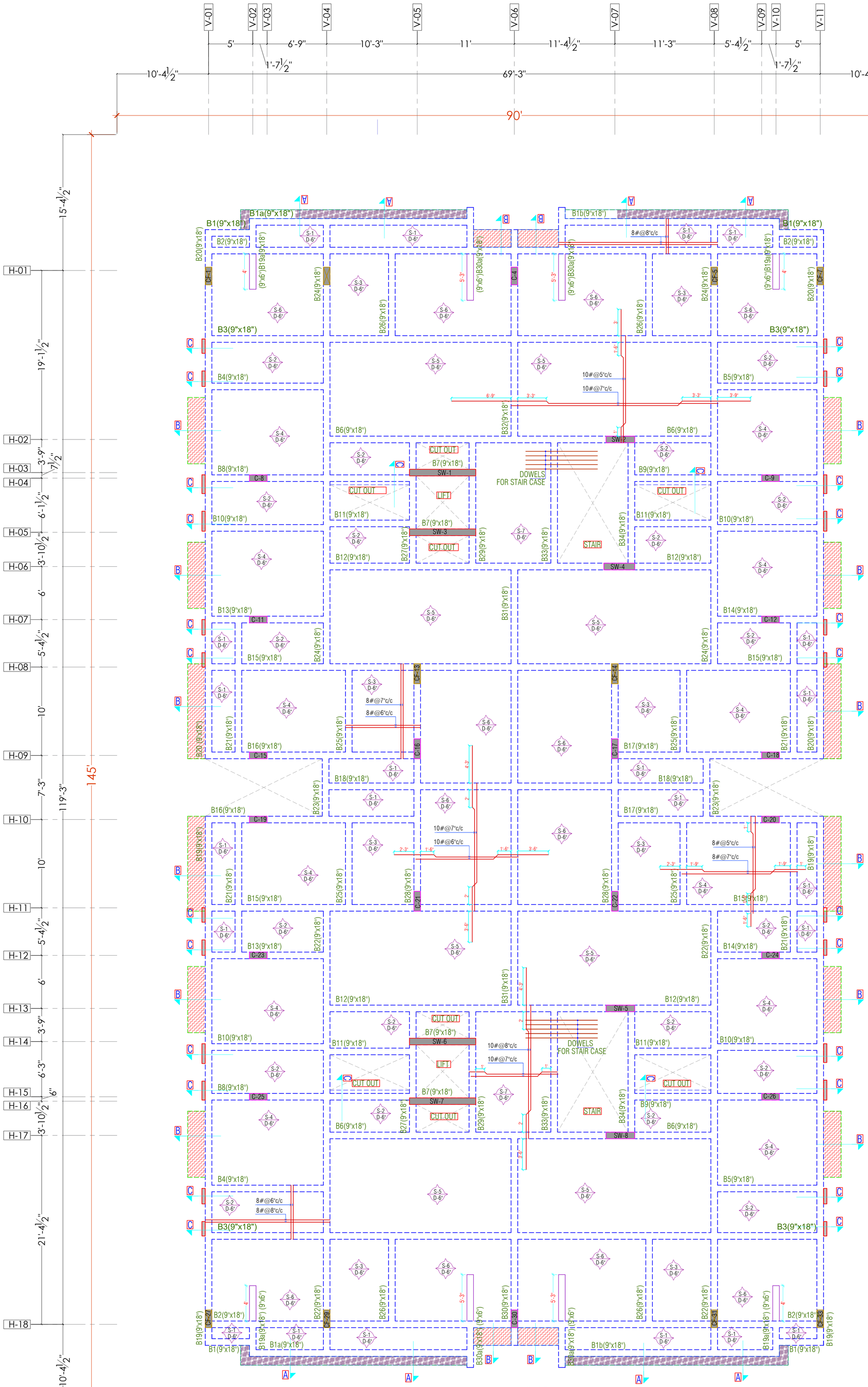
STRUCTURAL CONSULTANT:

SHYAM DESIGN CONSULTANTS
ER. RAHULSHARMA [M.Tech Str.]
M: 9680459482, 9929039105
Email: shyamdesignconsultants1211@gmail.com

For SHYAM DESIGN CONSULTANTS
RAHUL SHARMA
B.Tech. (Civil) M.Tech. (Stru.)

PROJECT NAME:-
THE ROYALS PALACE

DEVELOPER NAME :-
SHREE RAM INFRA



TYPICAL SLEEVE DETAIL

2-Legged Ring

TYPICAL CUT OUT DETAIL

BEAMS RING SPECIFICATIONS :-

SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS

(Ø = Diameter of Beam Main Steel)
(D = Total Depth of Beam)
(L = Total Length of Beam)

Top Ext. R/F for Beam
Bottom Ext. R/F for Beam
conti. R/F for Beam

SLAB R/F SPECIFICATIONS :-

TYPICAL REINFORCEMENT DETAILING OF SLAB.
USING BENT- UP BARS (S = SPACING OF BARS)
(L = Length Of slab)

TYPICAL REINFORCEMENT DETAILING OF SLAB.
(L = Length Of slab)
(Ls = Length Of Short slab span)
(Ll = Length Of Long slab span)
(L1 = Length Of Other slab span)

For SHYAM DESIGN CONSULTANTS
RAHUL SHARMA
B.Tech. (Civil) M.Tech. (Stru.)

PROJECT NAME:-

THE ROYALS PALACE

DEVELOPER NAME :-

SHREE RAM INFRA

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	Ldt
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

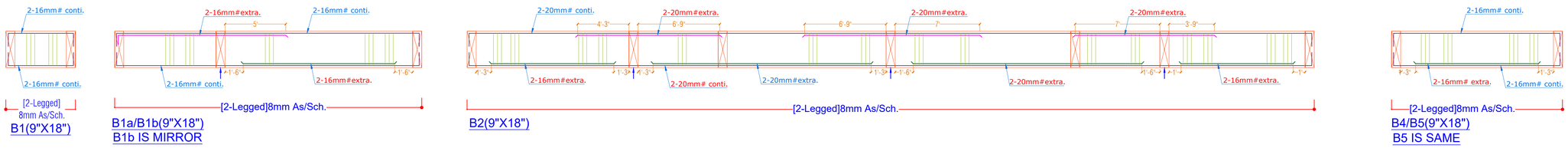
DESIGN FOR :-

BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

PROJECT:	**PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR.**		
DRAWING TITLE:	GROUND TO 5th FLOOR ROOF LAYOUT		
ARCHITECTS:	4 INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.P. Marg , C- Scheme jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.arch@gmail.com		
DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-11
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	AUG 09/2024

STRUCTURAL CONSULTANT:

SHYAM DESIGN CONSULTANTS
ER. RAHULSHARMA [M.Tech Str.]
M: 9680459482, 9929039105
Email: shyamdesignconsultants1211@gmail.com

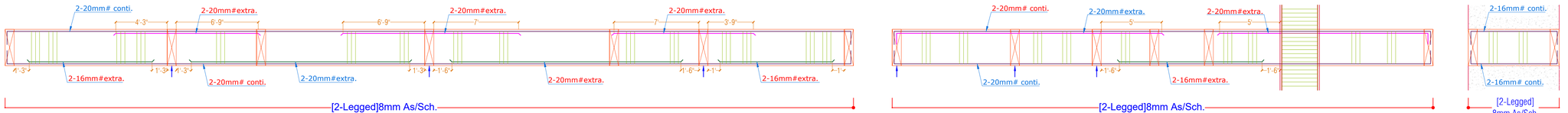


B1(9"X18")

B1a/B1b(9"X18")
B1b IS MIRROR

B2(9"X18")

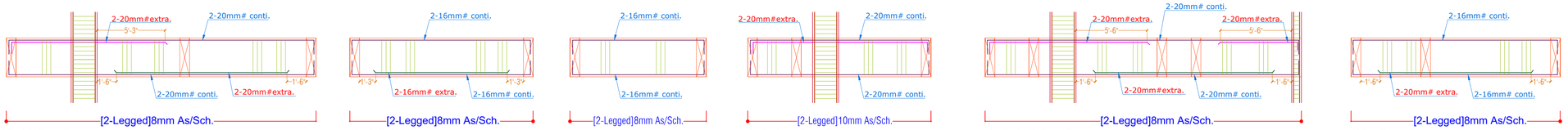
B4/B5(9"X18")
B5 IS SAME



B3(9"X18")

B6/B12(9"x18")
B12 IS SAME

B7(9"X18")



B8/B9(9"x18")
B9 IS MIRROR

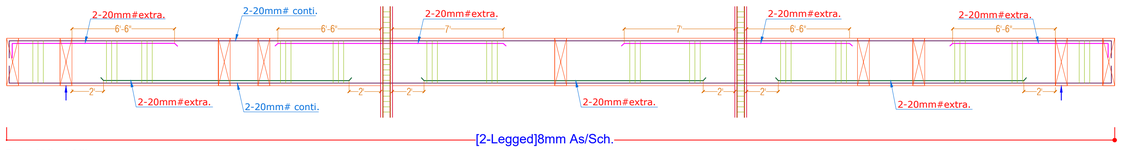
B10(9"X18")

B11(9"X18")

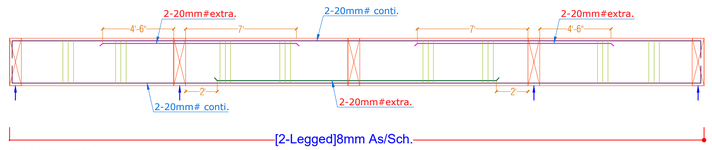
B13/B14(9"x18")
B14 IS MIRROR

B16/B17(9"x18")
B17 IS MIRROR

B21(9"X18")



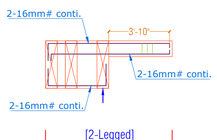
B15(9"x18")



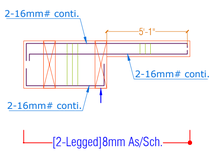
B18(9"x18")

B19/B20(9"X18")
B20 IS MIRROR

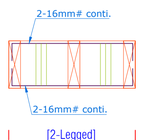
B22(9"x18")



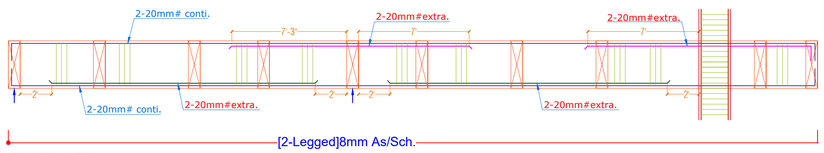
B19a(9"x18") FLAT(9"X6")



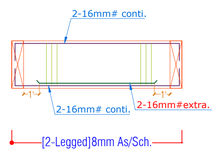
B30a(9"x18") FLAT(9"X6")



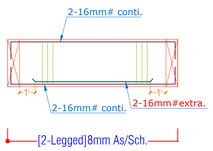
B23(9"X18")



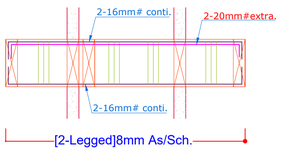
B24(9"x18")



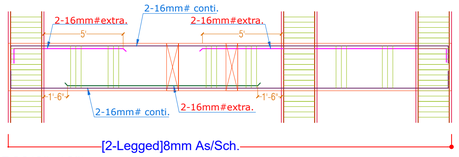
B25(9"X18")



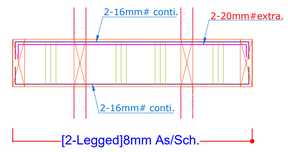
B26(9"X18")



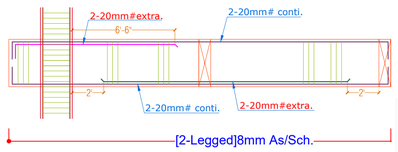
B27(9"X18")



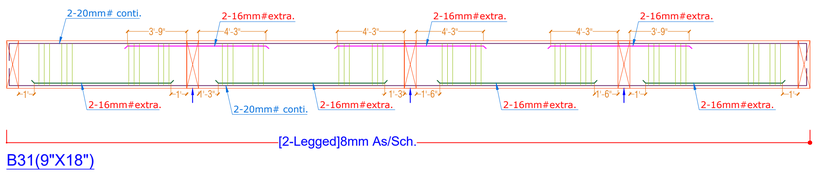
B28(9"x18")



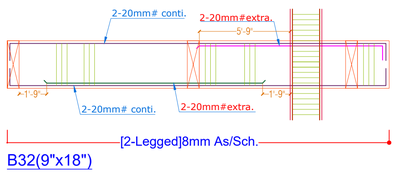
B29(9"X18")



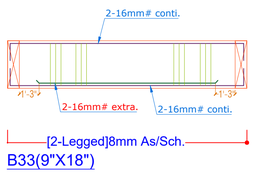
B30(9"x18")



B31(9"X18")



B32(9"x18")



B33(9"X18")

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN FEET & INCHES
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 N/MM 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 HEIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC.GRADE	Ldt
M-20	57Ø
M-25	49Ø
M-30	45Ø
M-35	40Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@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	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

MISCELLANEOUS

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS 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 PORPS 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

DESIGN DATA:-

GRADE OF CONCRETE SHALL BE M-25.
GRADE OF STEEL SHALL BE Fe-550 D (Primary Producers Only)

DESIGN FOR :-

BUILDING DESIGN FOR B+S+G+5
SBC =12 MT/Sq.M@3.0M

PROJECT:	**PROPOSED RESIDENTIAL BUILDING ON PLOT NO. - 45 SCHEME -24 (RAJAT VIHAR), JAIPUR.**		
DRAWING TITLE:	Ground to 5TH FLOOR ROOF DETAILS		
ARCHITECTS:	4 INSIDE ARCHITECTURE N INTERIORS Plot no. 72, S.P. Marg , C- Scheme jaipur, rajasthan, India cont: +91 9950595991 , 91 9982812777 e.mail: jeets.arch@gmail.com		
DRAWN BY:	SUNNY	DRAWING. NO.	SDC-4IN-MPR45-12
CHECKED BY:	RAHUL	REVISION NO.	R-00
SCALE:	N.T.S.	DATE:	AUG 09/2024

For SHYAM DESIGN CONSULTANTS
RAHUL SHARMA
B.Tech. (Civil) M.Tech. (Stru.)

STRUCTURAL CONSULTANT:

SHYAM DESIGN CONSULTANTS
ER. RAHULSHARMA [M.Tech Str.]
M: 9680459482, 9929039105
Email: shyamdesignconsultants1211@gmail.com

PROJECT NAME:-
THE ROYALS PALACE

DEVELOPER NAME :-
SHREE RAM INFRA