

GENERAL NOTES

- Contractor to check and verify all dimensions before execution of the work.
- All dimensions are given Feet Inches unless other wise specified .
- Figured dimensions shall be followed.
- Executive authority shall check the drawing before tracing execution in hand.
- All structural drawings shall be read in conjunction with relevant architectural drgs any discrepancy between them observed shall be brought to the notice of the accepting officer for necessary clarification.
- Any variation between the details given in the structure grd and tropical drg, the details shown in structural drawing shall be followed.
- All reinforcement for rcc work shall be TMT Grade Fe 500 conforming to IS : 1786-1985
- The foundation has been designed as isolated trapezoidal footing some of footing are combined box type footing.
- The SBC has been taken as 25MT/Sq.m at a depth of 3.5Meter Below Natural Ground level.
- While laying foundation, contractor shall make suitable arrangements to lower the subsoil water [If Any] below the foundation level. Foundation concrete shall always be provide under foundation of all RCC/ masonry structural.
- Lean concrete in PCC as per specified to min thickness (unless other wise specified or shown in DRG) shall always be provided under foundation of all RCC / masonry structure.
- Unless other wise mentioned lintels over opening/ jails niches shall be provide as per typical DRG of lintels and chanjias.
- RCC lintel band over full and half block thick wall shall be provided continuously at lintel level (2.1 M above FFL) under sl no. 11 above and where height of solid wall exceeds 2.4 M
- Water used for mixing and curing of concrete work shall conform to quality criteria specified in IS : 456-2000
- Unless other wise specified the structural concrete shall be M 25 for columns and M25 for all other structural members (design mix concrete conforming to the acceptance criteria given in IS -456-2000)
- Form working for concrete shall be rigidly constructed of approved materials and shall be true to the shape and dimensions of the finished members and water tight. Form work shall be designed for all imposed loads (dead, live, constructional, wind, vibration, impact, fluid pressure etc.)
- From work shall be supported on closely spaced stiff props adequately braced in plan and firmly placed on sub-base ground not liable to settle under loads.
- Aggregate to be used in structural concrete shall be crushed/broken stone as coarse aggregates, river/PIT sand/ stone dust as fine aggregates conforming to grading and other quality criteria as specified in IS : 383
- Strength of hollow blocks/ solid blocks shall not be less than 35 kg/cm2 and 45 kg/cm2 respectively
- All plinth beams shall be cast over 6" th. PCC 1:4:8 width of beam plus 6" wide were ever directly resting on fully compacted earch.
- All existing walls and wall below plinth level shall be constructed with solids blocks.
- Wall shall be constructed over PB as shown in the drawing where PB is not available, wall shall rest over dwarf wall /foundation.
- The missing details, if any in structural DRG but technically required based on sound engineering practice, must followed and read in construction with relevant drawing.
- In beams, wherever reinforcement bars are provide in two or more layers, space bars of 25# @ 4' c/c shall be provide between the reinforcement layers.
- PCC lean concrete below foundation shall have 6" offset on all sides. Wherever the gap between two footing is less than 8", the whole gap shall be filled with lean concrete.
- Clear cover to all reinforcement shall be as under:

PRITICULAR	BOTTOM	TOP	SIDES
SLAB	3/4"(20MM.)	2/3"(15MM.)	
FOOTING	2"(50MM.)	2"(50MM.)	2"(50MM.)
RETAINING WALL		1"(25MM.)	1 1/2"(40MM.) (EARTH SIDE) 2/3"(15MM.) (IN SIDE)
COLUMNS			1 1/2"(40MM.)
BEAMS, LINTEL	1"(25MM.)	1"(25MM.)	1"(25MM.)
WALLS,FLOOR SLAB & ROOF SLAB OF WATER TANK.			1"(25MM.) (ON WATER FACE) 1 1/2"(40MM.) (ON EARTH SIDE) WHERE APPLICABLE

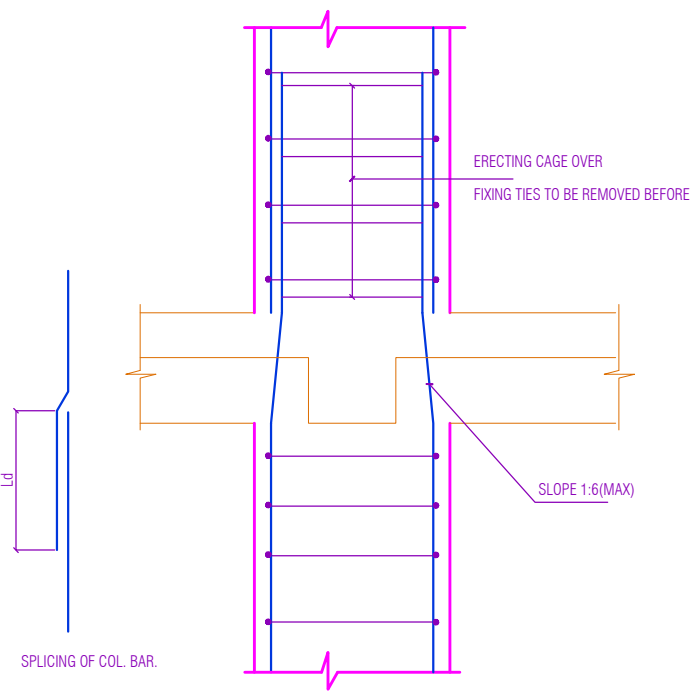
- The building has been designed as per IS : 13920-2017 and IS : 456-2000 considering earthquake zone II for AJMER, Rajasthan
- Admixtures :
 - ADMITXTURE IF USED SHALL COMPLY WITH IS : 9103
 - It should not impair durability of concrete
 - The workability, compressive strength & the slump loss of concrete with & without the use of admixture shall be Established during trial mixes before its use.
 - Preparation of mix using admixture is to be as per manufactures instructions.
- For any other details not shown / indicated on DRG. Shall be as per IS 456:2000, IS 13920:2017, IS 1893 : 2017.

REINFORCEMENT DETAILING

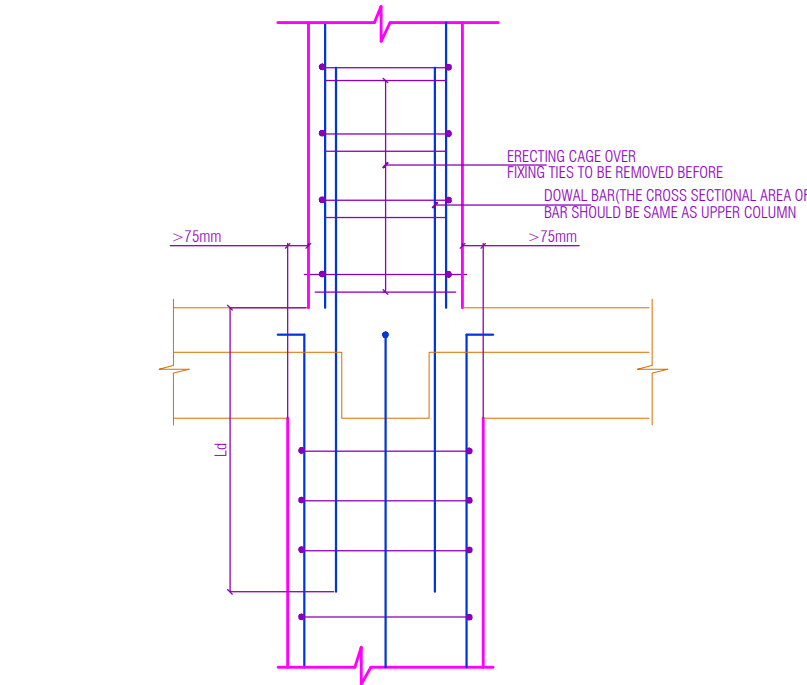
- All reinforcement shall be terminated with straight length or L shape unless other wise specified
- The horizontal distance between two parallel main reinforcement bars shall not be less than dia of the larger dia bar or 5 mm more than nominal size of coarse aggregate, which ever is more. Spacing of long bars measured along periphery of the col. Shall exceed 300 mm.
- First main / secondary bar in a slab shall be placed along the center line of the span and other spaced as specified in the DRG covering the enter span between center line of supports.
- In beam/ lintels, first stirrup shall be at the center of span and subsequent ones at the spacing indicated in the DRGS
- Temperature reinforcement (distribution steel in slab where not shown in drawing shall be 0.12% (tor)
- Unless other wise specified 8# @ 300 c/c shall be provide as binders in top portion of slab reinforcement and placed parallel to support.
- Positive reinforcement in shorter direction in middle position region for negative reinforcement.
- Min 3 nos 8 mm # diagonal bars shall be provided at the corners of freely supported or non continues edges of slab
- Unless other wise specified side face reinforcement shall be provide for all beams of depth exceeding 750 mm as per IS : 456-2000, or as shown in drawing.
- Anchorage length :- all RCC structure elements (column, cantilevered, beams & slab) shall have their main reinforcement suitable anchored to provide the full development length (49 x d for tension & 39 x d for compression for M 25 mix concrete & FE 500) provide the full development length (57 x d for tension & 46 x d for compression for M 20 mix concrete & FE 500)
- No laps shall be provide in the high stress zones listed below.
 - Middle 1/3 span of slabs/ beams in case of positive reinforcement.
 - 0.3 L of span from the supports in case of beams/ slabs for negative reinforcement .
 - 0.25 L from the supports / junction in case of longitudinal reinforcement for column.
 - Not more than 40% bars shall be lapped at any one section.
 - Laps shall be staggered with min distance equal to 1.3 times the lap length between two lap section.
- Lap length :- unless specified, lap splice shall be provided for all bars less than 36 mm dia (bars of more than 36 mm dia shall be welded)

	Tension	compression
a) Tor steel [M25 & Fe500]	48 x dia	38 x dia
a') Tor steel [M30 & Fe500]	46 x dia	36 x dia

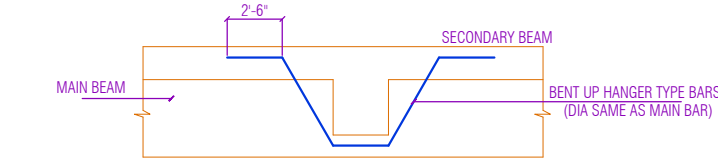
 - When bars of different dia area to be spliced lap length shall be calculated on basis of smaller dia.
 - Splice of bars in columns shall be avoided as far as possible. Where inescapable laps shall be provided after interval of two stories.
- For the/ floor and rafter slabs, chair supports shall be provided to maintain vertical spacing between top and bottom reinforcement bar.
- 3 x 10 # or 2 x 12 # bars shall be longitudinally provided in the RCC floor slab where partition/ panel walls are supported on them.
- Dowel bars shall be held firmly in position to avoid dislocation and loss of bond due to vibration during construction stage.
- In pashed construction vertical reinforcement of columns (dowels) shall be extended (and left) beyond slab min 50 times the dia of bars with at least 50 % bars extending up to 100 times the dia of the bar unless otherwise specified.
- Top of all construction slabs shall be kept at the same level similarly soffits of al adjoining cantilevered projection shall be at the same level.
- SPLICING OF COLUMN BARS AT INTERMEDIATE FLOOR.



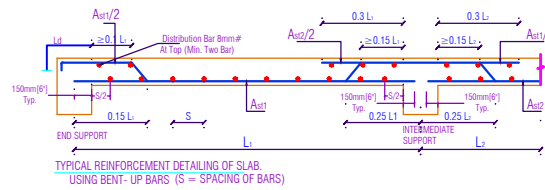
47. SPLICING OF COLUMN BARS AT INTERMEDIATE FLOOR WHEN THE RELATIVE DISPLACEMENT OF THE COLUMN FACE IS MORE THAN 75MM.



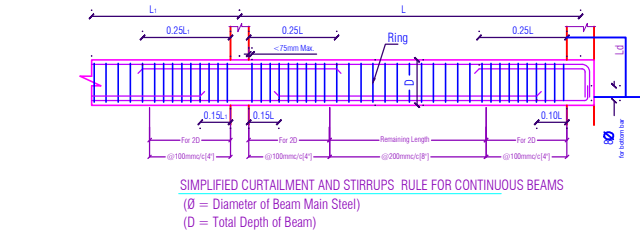
48. BENT UP HANGER TYPE BARS AT MAIN BEAM & SECONDARY BEAM JUNCTIONS.



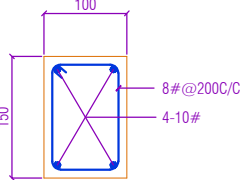
49. TYPICAL REINFORCEMENT DETAILING OF SLAB.



50. TYPICAL BAR DETAIL FOR SPECIAL DUCTILE MOMENT RESISTING FRAMES. THE ARRANGEMENT ENSURE A DUCTILE JUNCTION AND PROVIDE ADEQUATE ANCHORAGE OF BEAM REINF. IN TO COL.



52. R.C.C. BAND FOR HALF BRICK WALL. IN CASE OF 100TH. WALLS EXCEEDING 2000 IN HEIGHT R.C.C BAND SHALL BE PROVIDED AT EVERY 2000 INTERVAL AS SHOWN IN THE FIGURE THE BEARING OF R.C.C. BAND SHALL BE EQUAL TO THE WIDTH OF THE ADJOINING WALL.



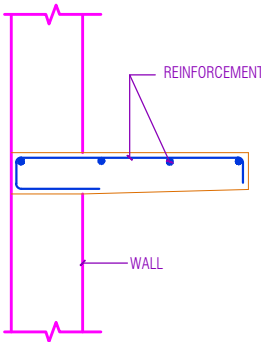
CONSTRUCTIONAL DETAILS.

- For slabs plate / surface vibrator shall only be used for compaction to insure better quality control & needle pin vibrator shall not be used
- A plaster groove of width 12 mm and depth 5 mm shall be provided all long the junction of RCC slab and masonry wall (internal)
- Concerting of the entire roof slab including beams between construction joints / crumple section shall be done in one operation. If a joint inescapable it shall be a vertical joint in the middle third of the span and parallel to the main reinforcement.
- Structural continuity in RCC between two successive days work shall be achieved by cleaning the old surface of all loose concrete applying net cement slurry and proper compaction.
- Curing of all structural concrete shall be done up to a main time period of 14 days or the stripping time of from work which over is later

REMOVAL OF CENTERING

- The cantilever for supporting the over hang of cantilever beam slabs should be retaining until sufficient counter weight over the bearing has been attained by building masonry or otherwise.
- The shuttering for cantilever slab / beam should be removed starting from the over hang edge.
- In case of canopies with cantilever beam the centering for the canopy slab in between the beam shall be removed first.
- Stripping time for concrete shall be as under if O P C is used.
 - Vertical form work to columns , walls , beam -24hrs.
 - Slabs up to 4.5 M span. 7 days
 - Slabs above 4.5 M span. 14 days
 - Beams & arches up to 6 M span. 14 days
 - Beams & arches above 6 M span. 21 days
- In case of P P C 50 % stripping time to be added.
- In case of from work has re-entrant angles the from work shall be removed as soon as possible after concrete has set to avoid shrinkage crackin.

51. R.C.C. CHAJJAS/ SHELVES. WHERE EVER R.C.C. CHAJJAS/ SHELVES ARE PROVIDED WITH OUT LINTL, THESE SHALL BE TAKEN IN TO THE FULL THK. OF THE WALL.



Grade Of Concrete

For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel

TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-

- ALL DIMENSION AND LEVEL ARE IN MM & METER.
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- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
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REINFORCEMENT DETAILS

Please Refer Drawing ST-RR-PJ-00

CONCRETE DETAILS

Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK.
R1			
R2			
R3			
R4			

CLINT:- MR. KANHIA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-

SG STRUCTURES
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Tel: 9877202219, 81411 2297076

ARCHITECTS:-

STUDIOS rkr architects

plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur , rajasthan, India
cont: 098286 00550
e.mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- SKY TOWER

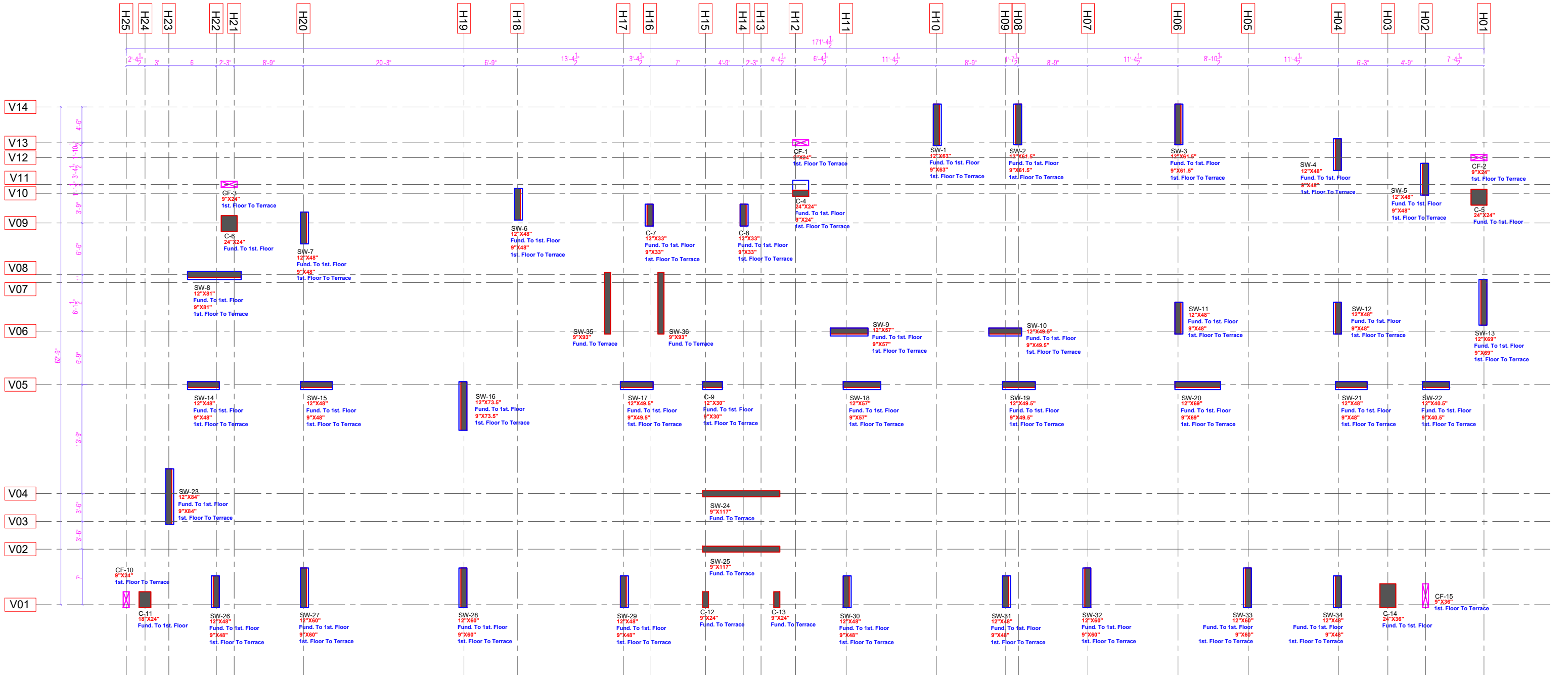
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A. 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:-

GENERAL DETAIL SHEET

SCALE	DRG. NO.
SBC ~ 25MT/Sq.M @ 3.5M Designed For ~ B + G + 11	ST-RR-PJ-00
VIKASH KUMAWAT DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.
DATE 20/04/2018 PRINT 21/04/2018	JOB.NO. NORTH

SG STRUCTURES
MANISH GUPTA
B.E.[civil] M.Tech.[Stru.]



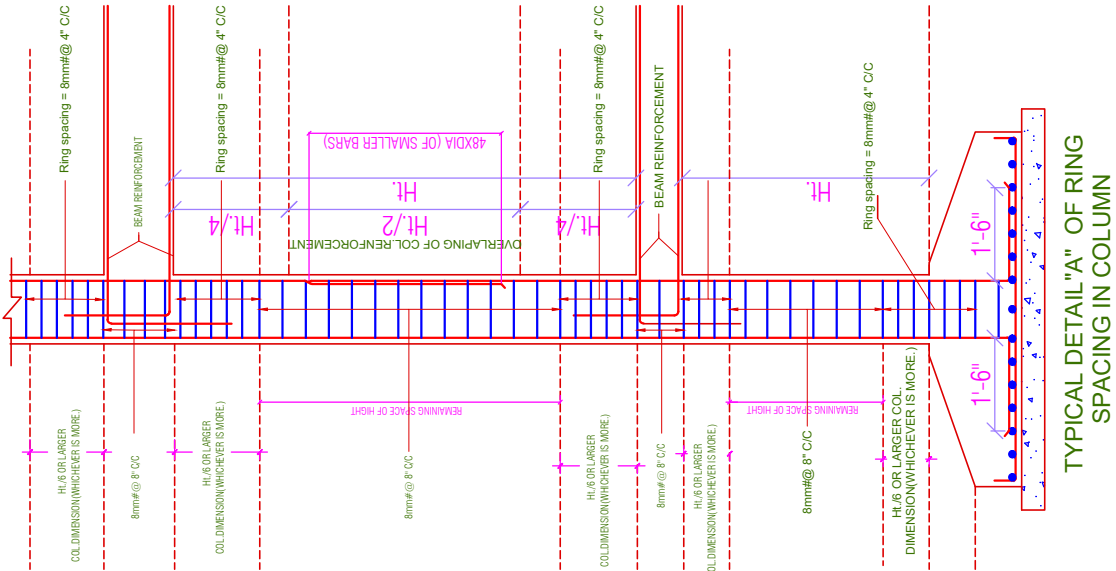


SG STRUCTURES
MANISH GUPTA
B.E.(Civil) M.Tech.(Stru.)

Grade Of Concrete
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For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

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Please Refer Drawing [ST-RR-PJ-00](#)
- CONCRETE DETAILS**
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REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:- **MR. KANHIYA LAL PURSHWANI**



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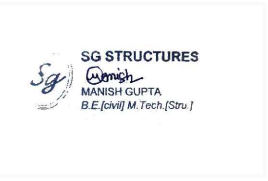
ARCHITECTS:-
STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e.mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:-SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:-
COLUMN LAYOUT DETAIL

SCALE		DRG. NO.	
SBC=25MT/Sq.M@3.5M Designed For=B+G+11		ST-RR-PJ-01	
VIKASH KUMAWAT DRAFT BY		MANISH GUPTA DESIGN & CHK. BY.	
DATE 20/04/2018 PRINT 21/04/2018		JOB.NO.	NORTH

S. No.	Column Number	Foundation To 1st. Floor	Rings Arrangement	1st. Floor. To 2nd. Floor	Rings Arrangement	2nd. Floor. To Third Floor	Rings Arrangement	Third Floor To Fourth Floor	Rings Arrangement	Fourth Floor. To Fifth Floor	Rings Arrangement	Fifth Floor To Sevnth Floor	Rings Arrangement	Sevnth Floor To Ninth Floor	Rings Arrangement	Ninth Floor To Eleventh Floor	Rings Arrangement	Eleventh Floor To Terrace Floor	Rings Arrangement
		Main Steel		Main Steel		Main Steel		Main Steel		Main Steel		Main Steel		Main Steel		Main Steel		Main Steel	
1.	C[F]-1.																		
2.	C[F]-2.																		
3.	C[F]-3.																		
4.	C-4.																		
5.	C-5.																		
6.	C-6.																		
7.	C-7.																		
8.	C-9.																		
9.	C-8.																		
10.	C[F]-10																		
11.	C-11.																		
12.	C-12/C-13.																		
13.	C-14.																		
14.	C[F]-15.																		



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For Foundation/Raft/Pedestal= M25
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CONCRETE DETAILS
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R3			
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SWELJ FARM, NEW SANGHER ROAD, JAIPUR-302019
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Tel: 09772202219,0141-2297016

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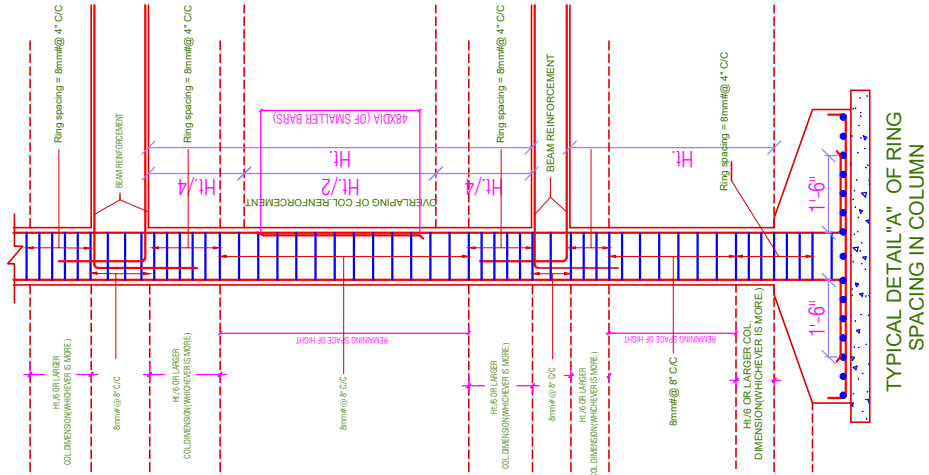
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DRG. TITLE:-
COLUMN SCHEDULE SHEET 1

SCALE	DRG. NO.
SBC=25MT/Sq.M@3.5M Designed For=B+G+11	ST-RR-PJ-02
VIKASH KUMAWAT DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.

DATE 20/04/2018 PRINT 21/04/2018	JOB.NO.	NORTH
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COLUMN	SW-1	SW-2	SW-3	SW-4	SW-5	SW-24	SW-7	SW-8	SW-9	SW-10/SW-19
Foundation To 1st. Floor										
1st. Floor To 2nd. Floor										
2nd. Floor To 3rd. Floor										
3rd. Floor To 4th. Floor										
4th. Floor To 5th. Floor										
5th. Floor To 7th. Floor										
7th. Floor To 9th. Floor										
9th. Floor To 11th. Floor										
11th Floor To (terrace)										



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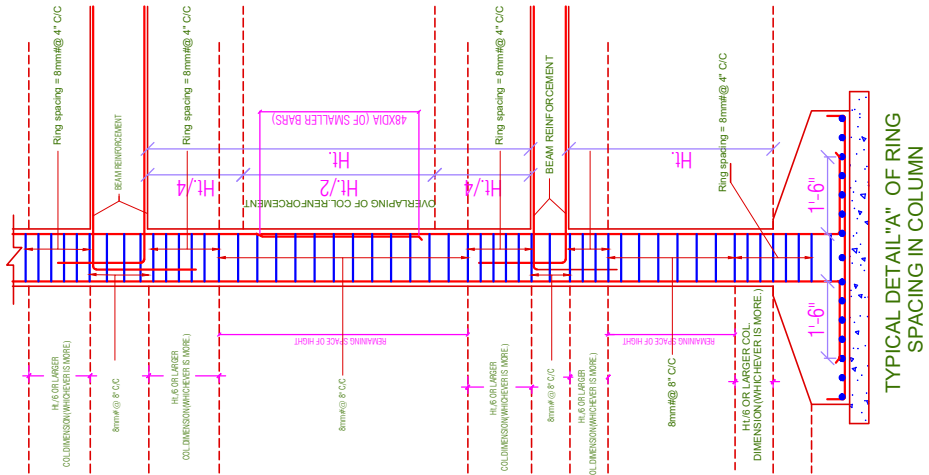
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DRG. TITLE:-

COLUMN SCHEDULE SHEET 2

SCALE	DRG. NO.
SBC=25MT/Sq.M@3.5M Designed For=B+G+11	ST-RR-PJ-03
VIKASH KUMAWAT DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.
DATE 20/04/2018 PRINT 21/04/2018	JOB.NO. NORTH

COLUMN	SW-11/SW-15.	SW-12	SW-13	SW-14/SW-21	SW-16	SW-17.	SW-18	SW-20	SW-22	SW-23	SW-6
Foundation To 1st. Floor											
1st. Floor To 2nd. Floor											
2nd. Floor To 3rd. Floor											
3rd. Floor To 4th. Floor											
4th. Floor To 5th. Floor											
5th. Floor To 7th. Floor											
7th. Floor To 9th. Floor											
9th. Floor To 11th. Floor											
11th Floor To (Terrace)											



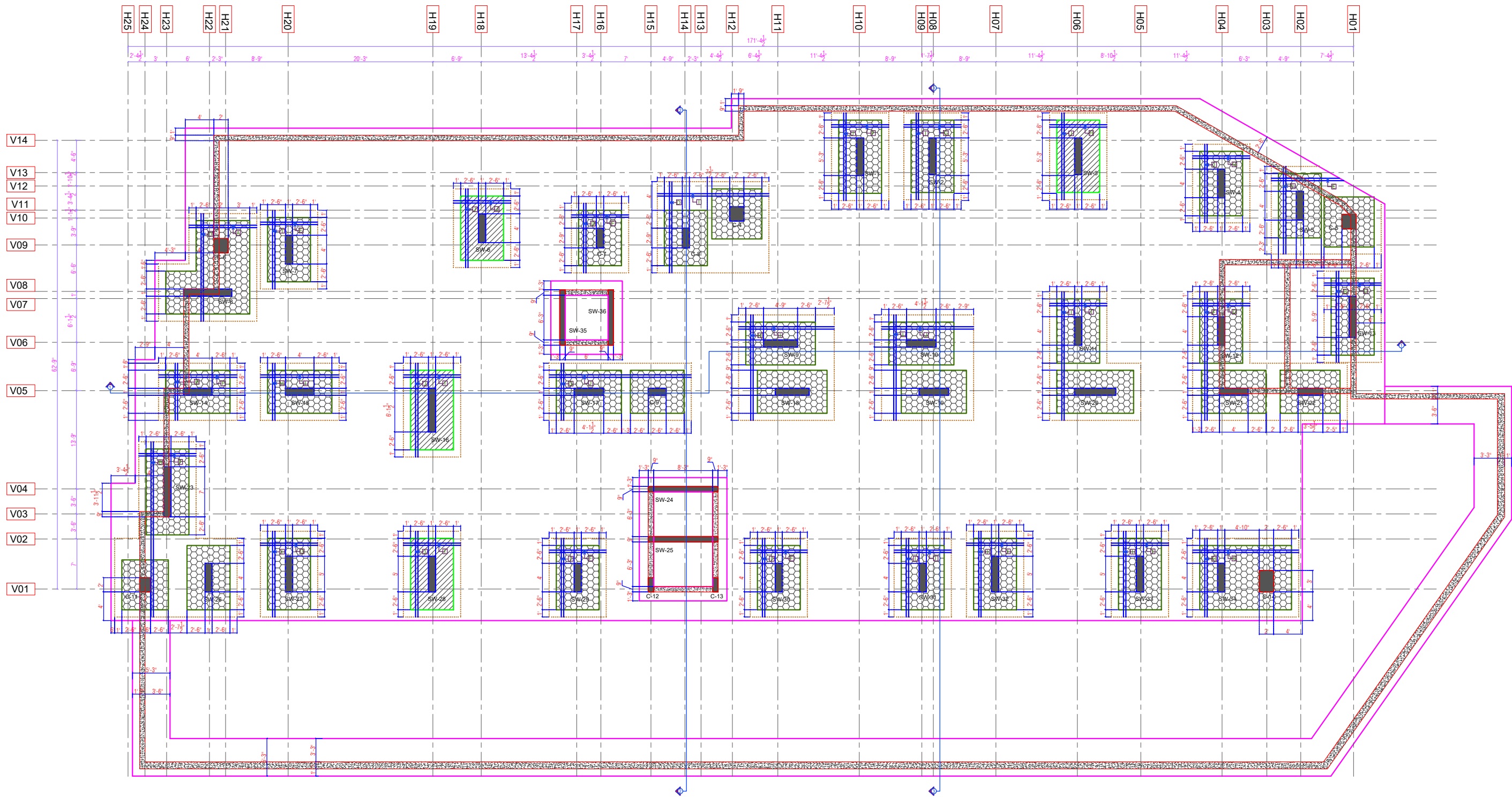
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- CONCRETE DETAILS
Please Refer Drawing ST-RR-PJ-00

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R3			
R4			

CLINT:- MR. KANHIA LAL PURSHWANI	
STRUCTURAL CONSULTANTS:- SG STRUCTURES A-36, 1ST FLOOR, SUNDER SINGH BANGSHI NAGAR, ONE FLOOR, NEW SANGHANER ROAD, JAIPUR-302019 E-mail: sg_structures@gmail.com Tel: 08172302219, 0141-2591016	
ARCHITECTS:- STUDIOS rkr architects plot no. B-7, ganga path, suraj nagar west civil lines, jaipur, rajasthan, India cont: 098286 00550 e-mail: rajoriyarajesh@yahoo.co.in	
PROJECT TITLE:- SKY TOWER PROPOSED RESIDENTIAL APARTMENT PLOT NO. A, 6, 7, 8, 9, 10 & 11, PART OF KHARA NO. 547, 550 TO 555, 557 & 558 SITUATED AT REV. VILLAGE KOTRA, AJMER.	
DRG. TITLE:- COLUMN SCHEDULE SHEET 3	
SCALE SBC = 25MT/Sq.M @ 3.5M Designed For = B + G + 11	DRG. NO. ST-RR-PJ-04
VIKASH KUMAWAT DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.
DATE 20/04/2018 PRINT 21/04/2018	JOB.NO. NORTH



9" Pedestal

12" Pedestal

Grade Of Concrete
For Foundation/Raft/Pedestal= M30
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
(Primary Make(Tata,Jindal or Eq.))

GENERAL NOTES:-
1. ALL DIMENSION AND LEVEL ARE IN MM & METER.
2. DO NOT SCALE THIS DRAWING 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 CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST-RR-PJ-00

CONCRETE DETAILS

Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:- MR. KANHIA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
B-10, 1ST FLOOR, SURAJ PATH, SURAJ NAGAR WEST
CIVIL LINES, JAIPUR, RAJASTHAN, INDIA
cont: 098286 00550
e-mail: rajoriarajesh@yahoo.co.in

ARCHITECTS:-
STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, india
cont: 098286 00550
e-mail: rajoriarajesh@yahoo.co.in

PROJECT TITLE:-SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARNA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:- SHEET 1
RAFT LAYOUT & DETAIL

SCALE DRG. NO.
ST-RR-PJ-06

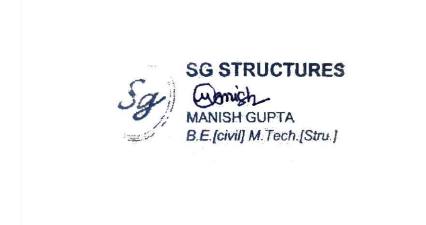
VIKASH KUMAWAT MANISH GUPTA
DRAFT BY DESIGN & CHK. BY.

DATE 19/04/2018
PRINT 21/04/2018

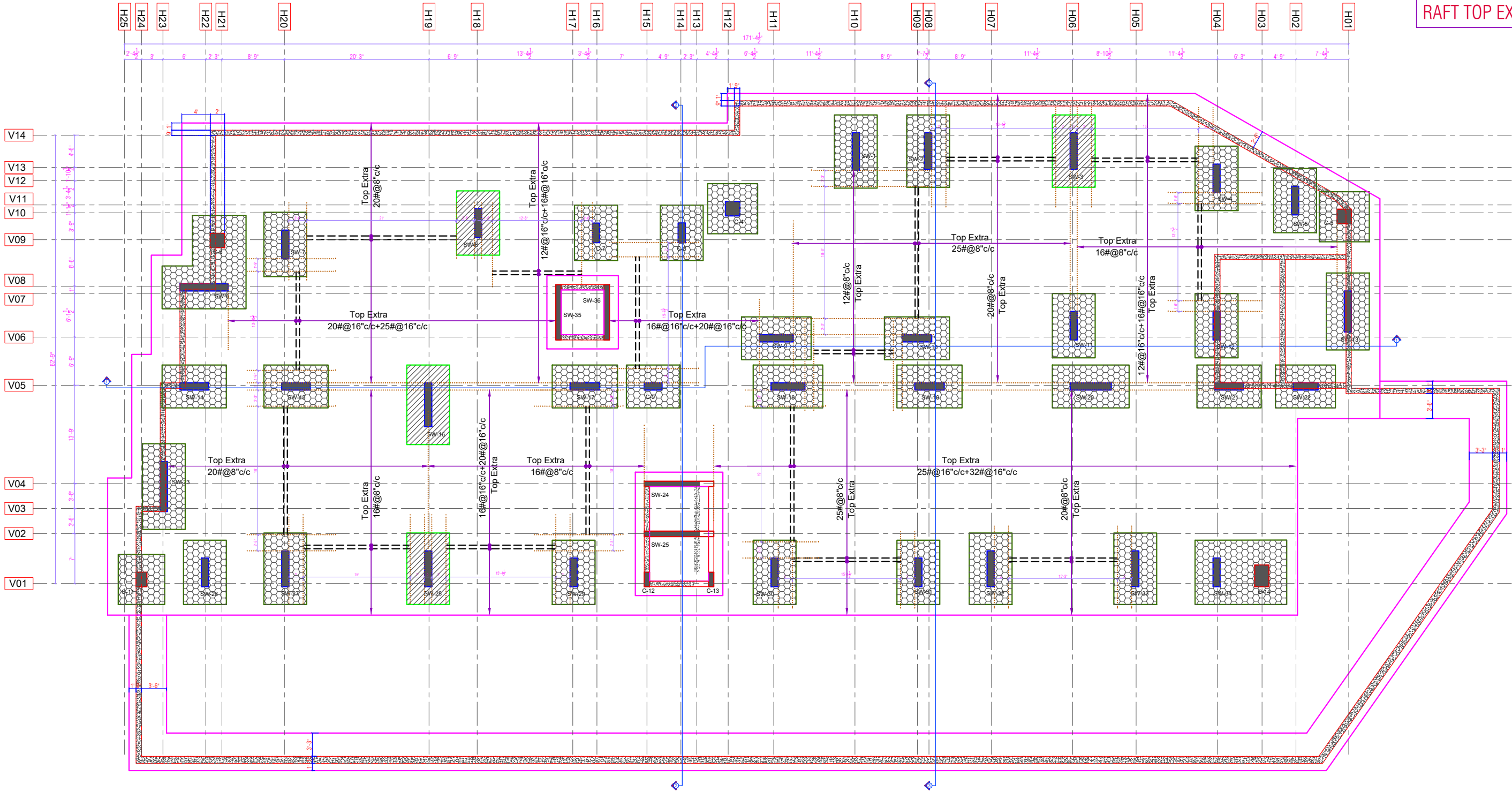
JOB.NO. NORTH

CODE	REINFORCEMENT STEEL	LOCATION
A	12#@8"c/c	BOTTOM EXTRA
B	12#@16"c/c+16#@16"c/c	BOTTOM EXTRA
C	16#@8"c/c	BOTTOM EXTRA
D	16#@16"c/c+20#@16"c/c	BOTTOM EXTRA
E	20#@8"c/c	BOTTOM EXTRA
F	20#@16"c/c+25#@16"c/c	BOTTOM EXTRA
G	25#@8"c/c	BOTTOM EXTRA
H	25#@16"c/c+32#@16"c/c	BOTTOM EXTRA
I	32#@8"c/c	BOTTOM EXTRA
J	25#@4"c/c	BOTTOM EXTRA

RAFT BOTTOM EXTRA STEEL



RAFT TOP EXTRA STEEL



Grade Of Concrete
For Foundation/Raft/Pedestal= M30
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
(Primary Make(Tata,Jindal or Eq.))

GENERAL NOTES:-
1. ALL DIMENSION AND LEVEL ARE IN MM & METER.
2. DO NOT SCALE THIS DRAWING 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 CE-MENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS
Please Refer Drawing ST-RR-PJ-00
CONCRETE DETAILS
Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLIENT:-
MR. KANHIA LAL PURSHWANI

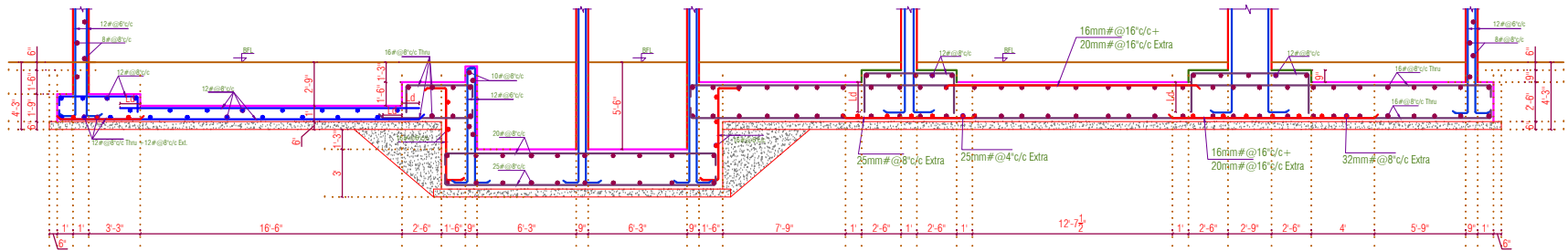
STRUCTURAL CONSULTANTS:-
SG STRUCTURES
B-8, 1ST FLOOR, SURAJ SHAR BHANDARI NAGAR,
SHIV PALLI, NEW GANESHWAR ROAD, JAIPUR, 302019
E-mail: sg_structures@gmail.com
Tel: 9927202222, 91-41-2591976

ARCHITECTS:-
STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e.mail: rajoriyarajesh@yahoo.co.in

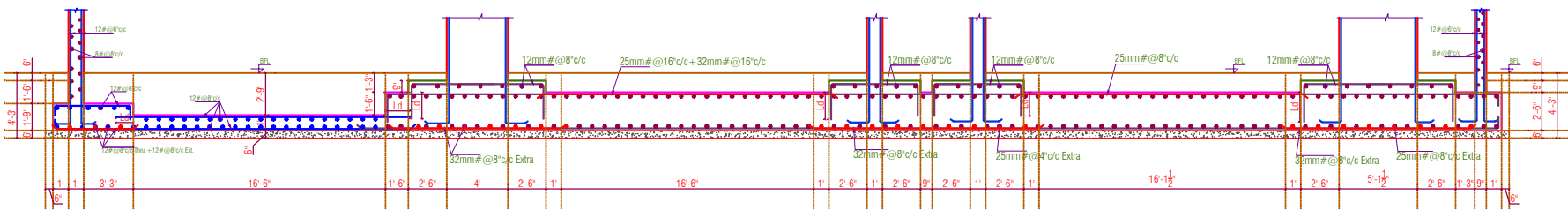
PROJECT TITLE:- SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARAR NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:- SHEET 2
RAFT LAYOUT & DETAIL

SCALE	DRG. NO.
SBG=25MM/Sq.M/3.5M Designed For=8+G+11	ST-RR-PJ-07
VIKASH KUMAWAT DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.
DATE 19/04/2018 PRINT 21/04/2018	JOB.NO. NORTH

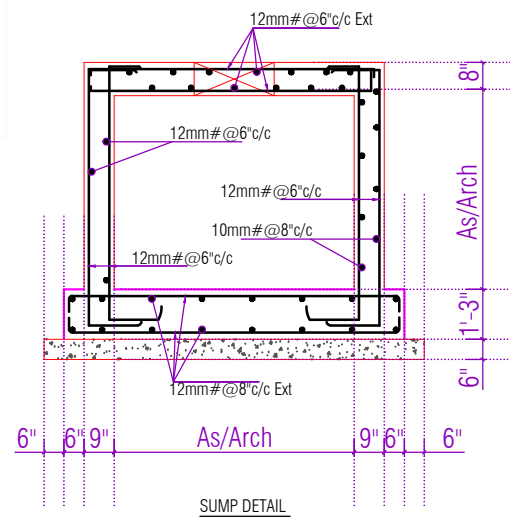


SECTION 2-2

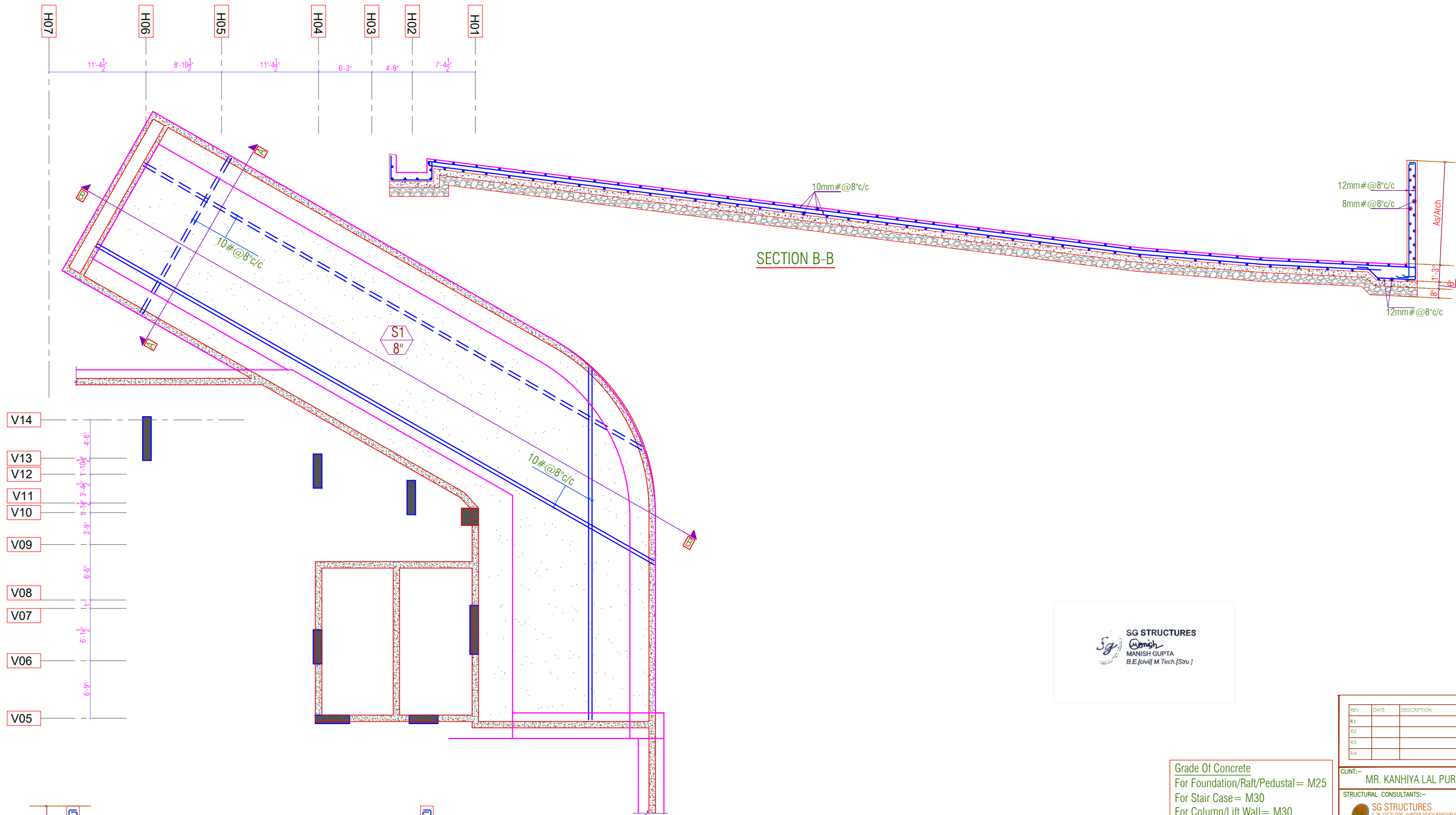


SECTION 3-3

SG STRUCTURES
MANISH GUPTA
B.E.(civil) M.Tech.(Stru.)



SUMP DETAIL



Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-
1. ALL DIMENSION AND LEVEL ARE IN MM & METER.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCRIPANCY 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 CE- MENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.
REINFORCEMENT DETAILS
Please Refer Drawing ST-RR-PJ-00
CONCRETE DETAILS
Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:-
MR. KANHIYA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEI FARM, NEW SANGHER ROAD, JAIPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

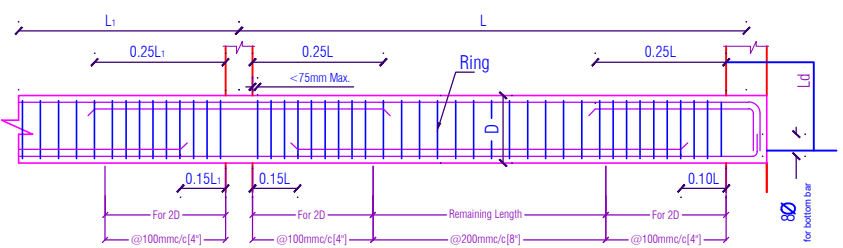
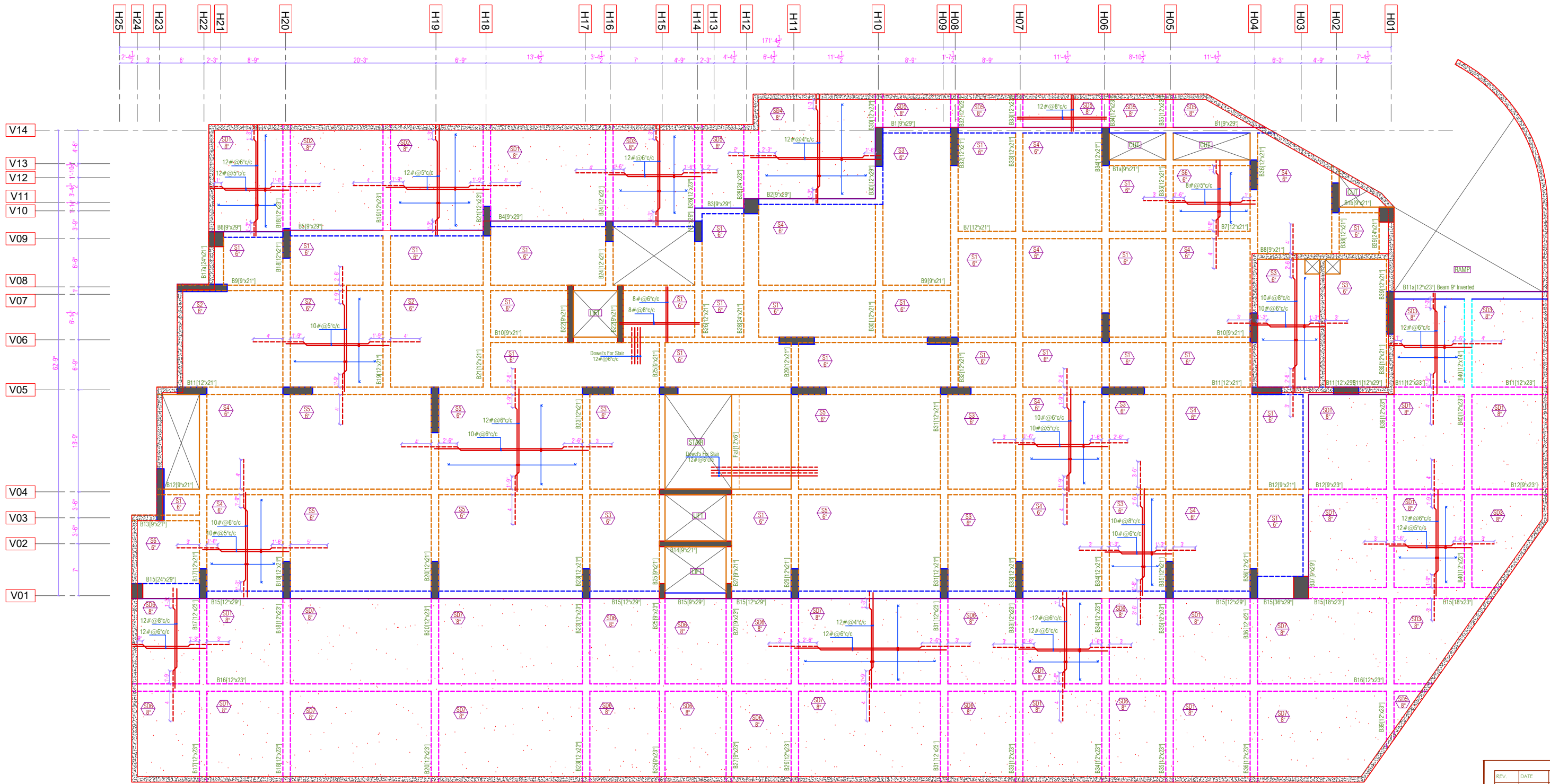
ARCHITECTS:-
STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e.mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- **SKY TOWER**
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

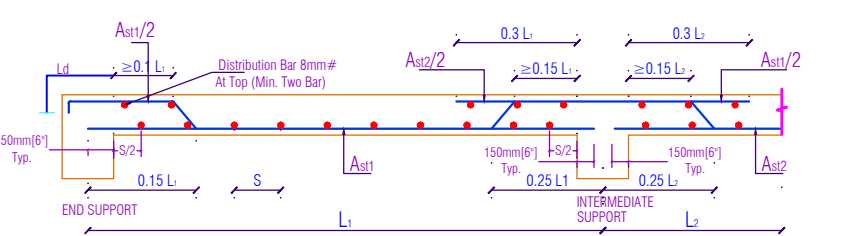
DRG. TITLE:-
RAMP DETAIL

SCALE	DRG. NO.
SBC=25MT/Sq.M@3.5M Designed For=B+G+11	ST-RR-PJ-08
DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.

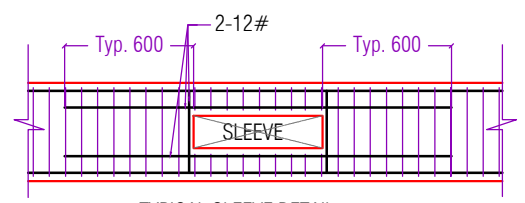
DATE 11/06/2018 PRINT 00/06/2018	JOB NO.	NORTH
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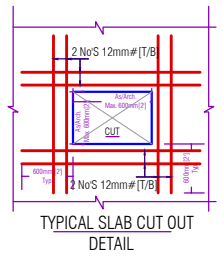
SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS
($\emptyset$ = Diameter of Beam Main Steel)
(D = Total Depth of Beam)



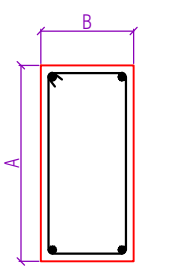
TYPICAL REINFORCEMENT DETAILING OF SLAB.
USING BENT-UP BARS (S = SPACING OF BARS)



TYPICAL SLEEVE DETAIL



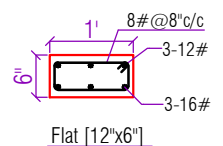
TYPICAL SLAB CUT OUT DETAIL



2-Legged Ring



4-Legged Ring



Flat [12"x6"]



Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

- GENERAL NOTES:-
- ALL DIMENSION AND LEVEL ARE IN MM & METER.
 - DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
 - ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.
- REINFORCEMENT DETAILS
Please Refer Drawing ST-RR-PJ-00
- CONCRETE DETAILS
Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLIENT:-
MR. KANHIA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
SWEET FARM, NEW SANAGHER ROAD, JAIPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2291076

ARCHITECTS:-
STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e.mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- **SKY TOWER**
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARPA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:-
BASEMENT ROOF DETAIL

SCALE	DRG. NO.
SBC = 25MT/Sq.M @ 3.5M Designed For = B + G + 11	ST-RR-PJ-09
DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.
DATE 26/06/2018 PRINT 29/06/2018	JOB NO. NORTH



1. ALL DIMENSION AND LEVEL ARE IN MM & METER.
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3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
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REINFORCEMENT DETAILS

Please Refer Drawing ST-RR-FJ-00

CONCRETE DETAILS

Please Refer Drawing ST-RR-FJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:- MR. KANHIYA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-

 **SG STRUCTURES**
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

ARCHITECTS:-

STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur , rajasthan, India
cont: 098286 00550
e.mail: rajoriyarajesh@yahoo.co.in

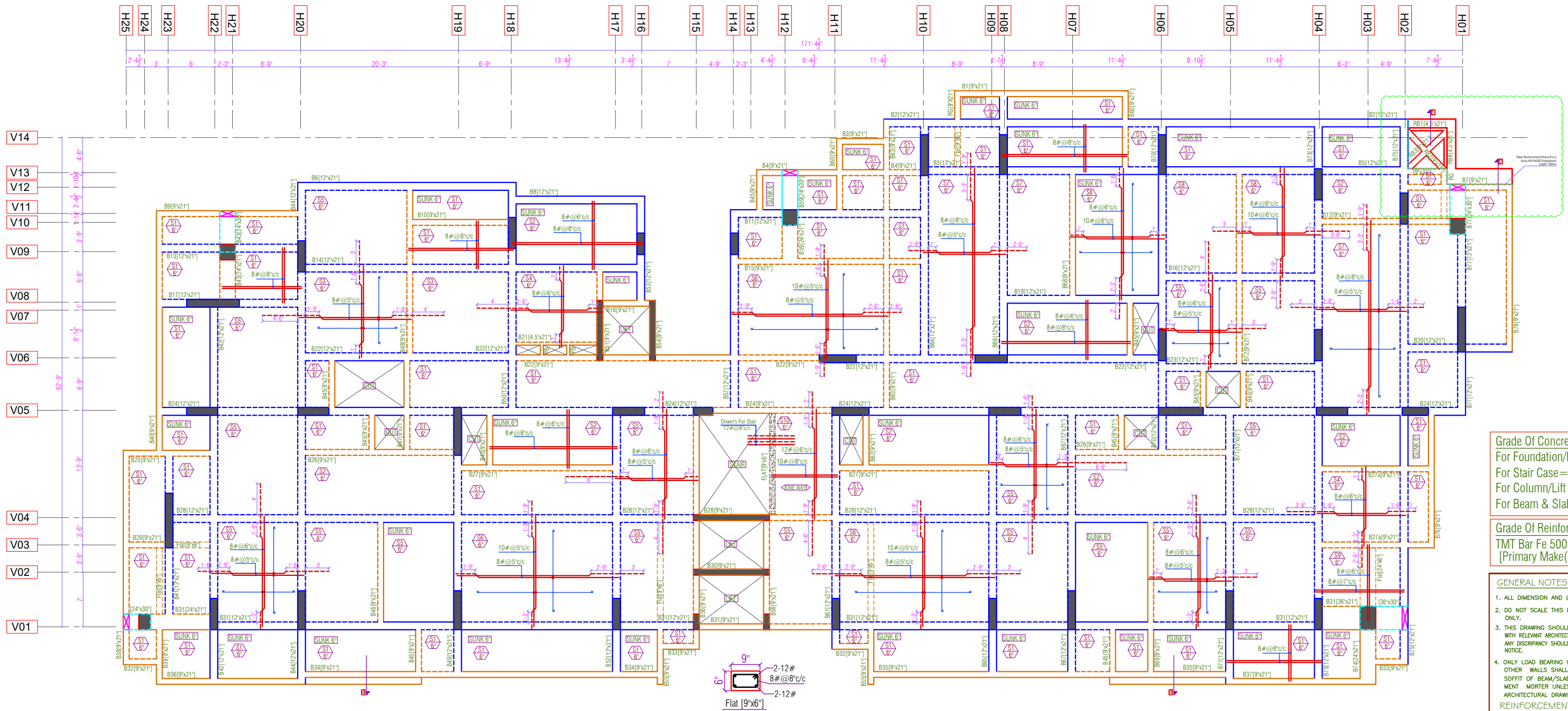
PROJECT TITLE:— SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:-

BASEMENT ROOF BEAM DETAIL

SCALE	DRG. NO.
SBC = 25MT/Sq.M@ 3.5M Designed For = B + G + 11	ST-RR-PJ-10
DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.

DATE 26/06/2018	JOB.NO.	NORTH
PRINT 29/06/2018		



Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-
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REINFORCEMENT DETAILS
Please Refer Drawing ST-RR-PJ-00
CONCRETE DETAILS
Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1	17-10-2018	Projection ad.	
R2			
R3			
R4			

CLINT:-
MR. KANHIA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEET FARM, NEW SANGHER ROAD, JAJPUR-302019
E-mail: sg_structures@gmail.com
Tel: 0972202219, 0141-2291078

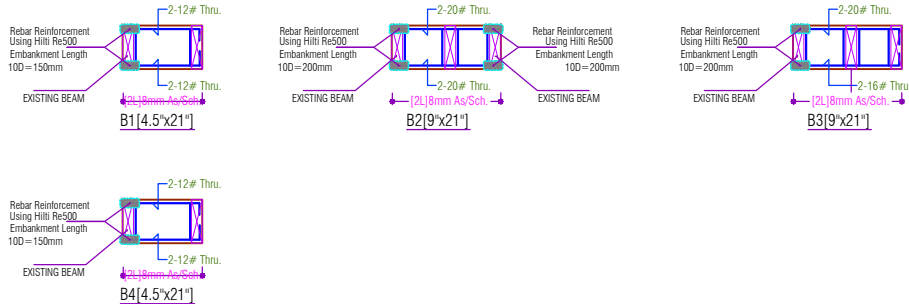
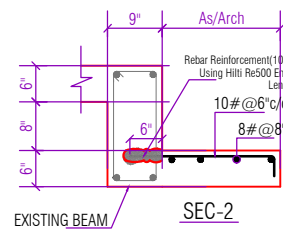
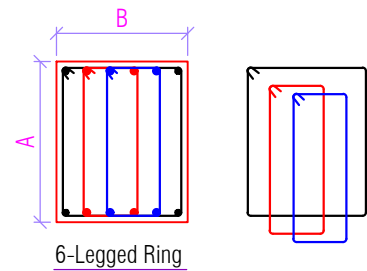
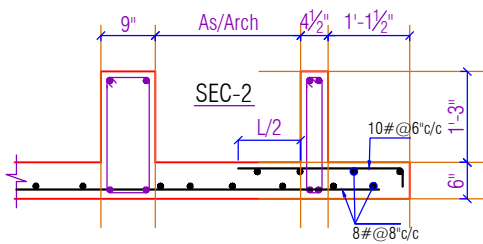
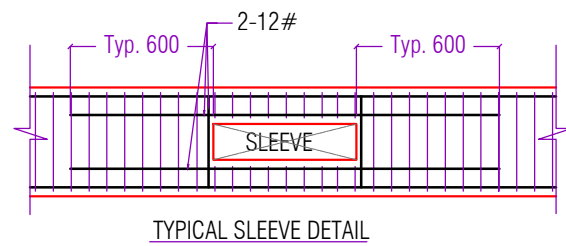
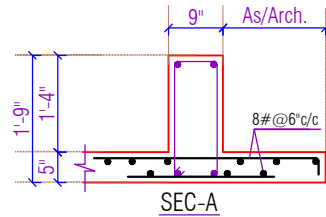
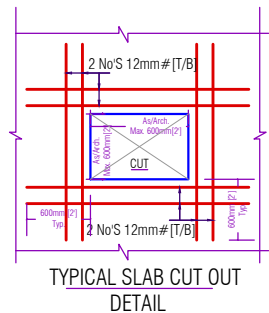
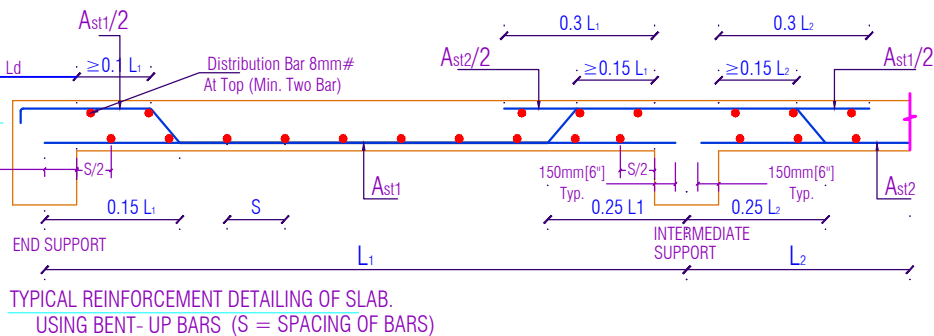
ARCHITECTS:-
STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e-mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:-SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

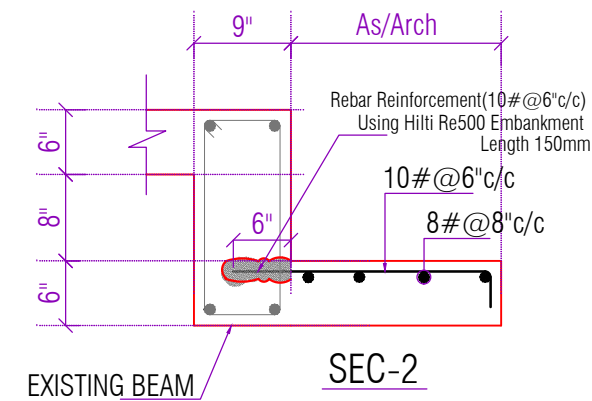
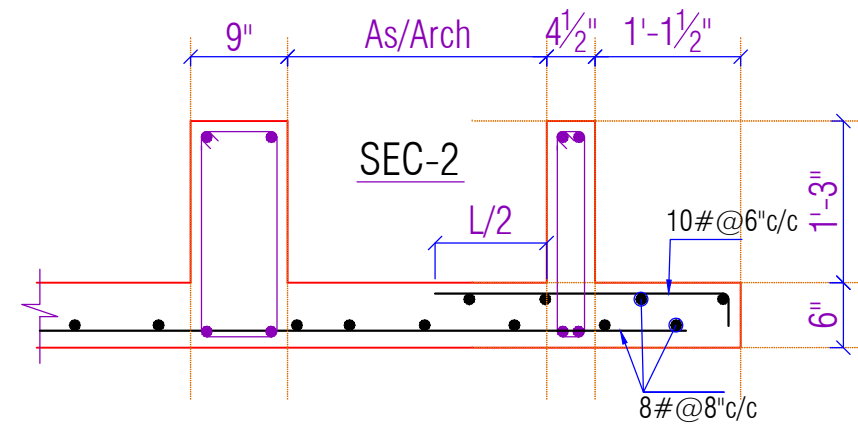
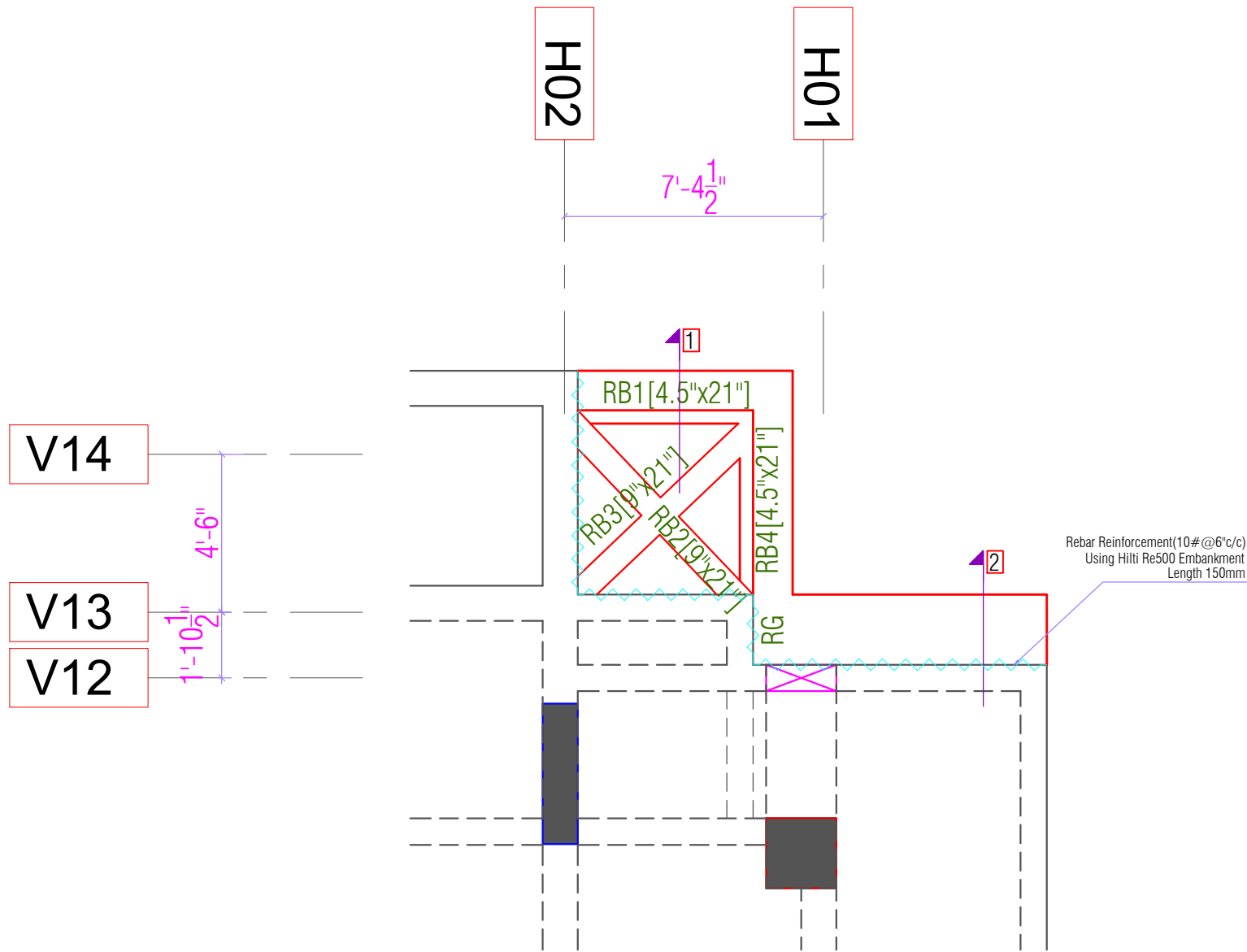
DRG. TITLE:-
STILT FLOOR ROOF DETAIL

SCALE	DRG. NO.
SBC-25MT/Sq.M@3.5M Designed For=B+G+11	ST-RR-PJ-11
DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.

DATE 07/09/2018 PRINT 19/09/2018	JOB NO.	NORTH
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SG STRUCTURES
MANISH GUPTA
B.E. [Civil] M.Tech. [Stru.]



Grade Of Concrete
 For Foundation/Raft/Pedestal= M25
 For Stair Case= M30
 For Column/Lift Wall= M30
 For Beam & Slab= M30

Grade Of Reinforcement Steel
 TMT Bar Fe 500D
 [Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-
 1. ALL DIMENSION AND LEVEL ARE IN MM & METER.
 2. DO NOT SCALE THIS DRAWING 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 CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS
 Please Refer Drawing ST-RR-PJ-00
CONCRETE DETAILS
 Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:- **MR. KANHIA LAL PURSHWANI**

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
 A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
 SWEJ FARM, NEW SANGHER ROAD, JAIPUR-302019
 E-mail: sg_structures@gmail.com
 Tel: 09772202219, 0141-2297076

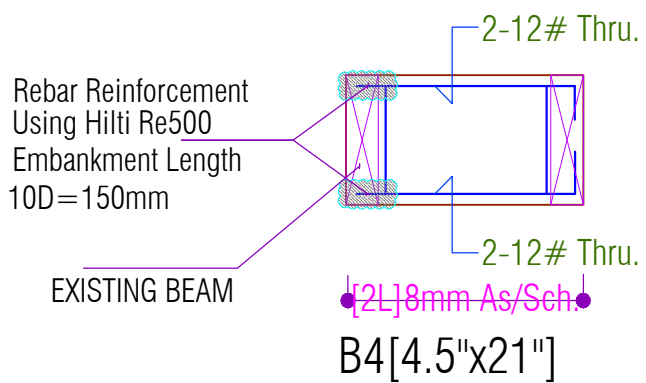
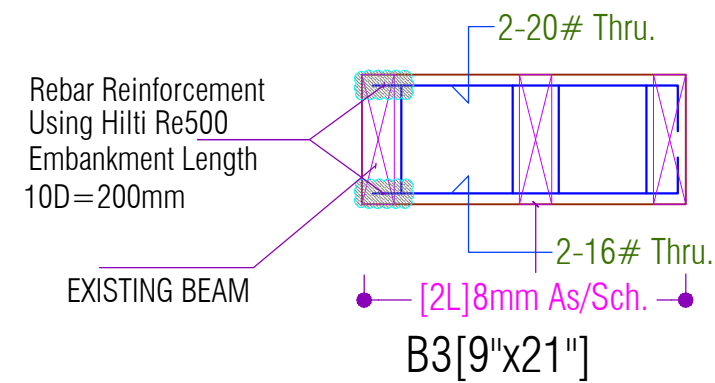
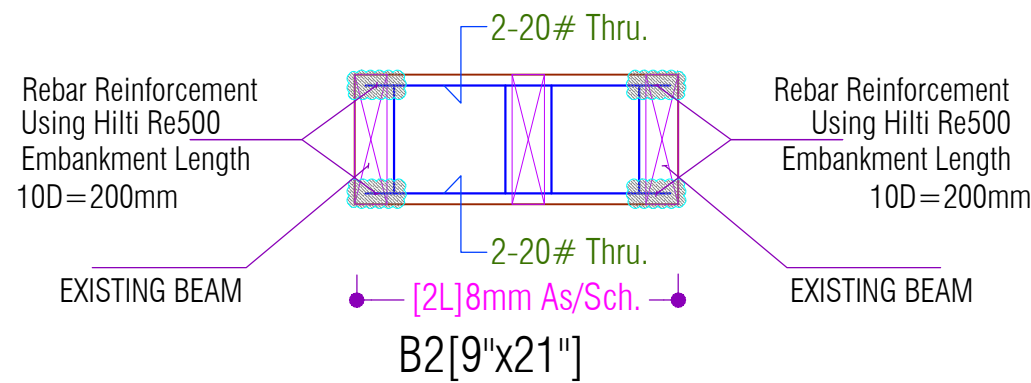
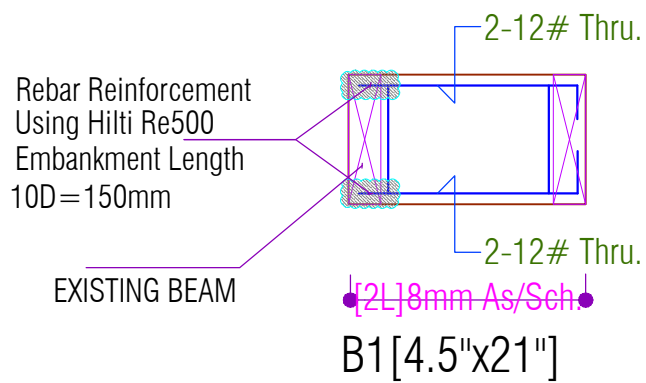
ARCHITECTS:-
STUDIOS rkr architects
 plot no. B-7, ganga path, suraj nagar west
 civil lines, jaipur, rajasthan, India
 cont: 098286 00550
 e.mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
 PLOT NO. A, 6, 7, 8, 9, 10 & 11,
 PART OF KHARPA NO. 547, 550 TO 555, 557 & 558
 SITUATED AT REV. VILLAGE KOTRA, AJMER.

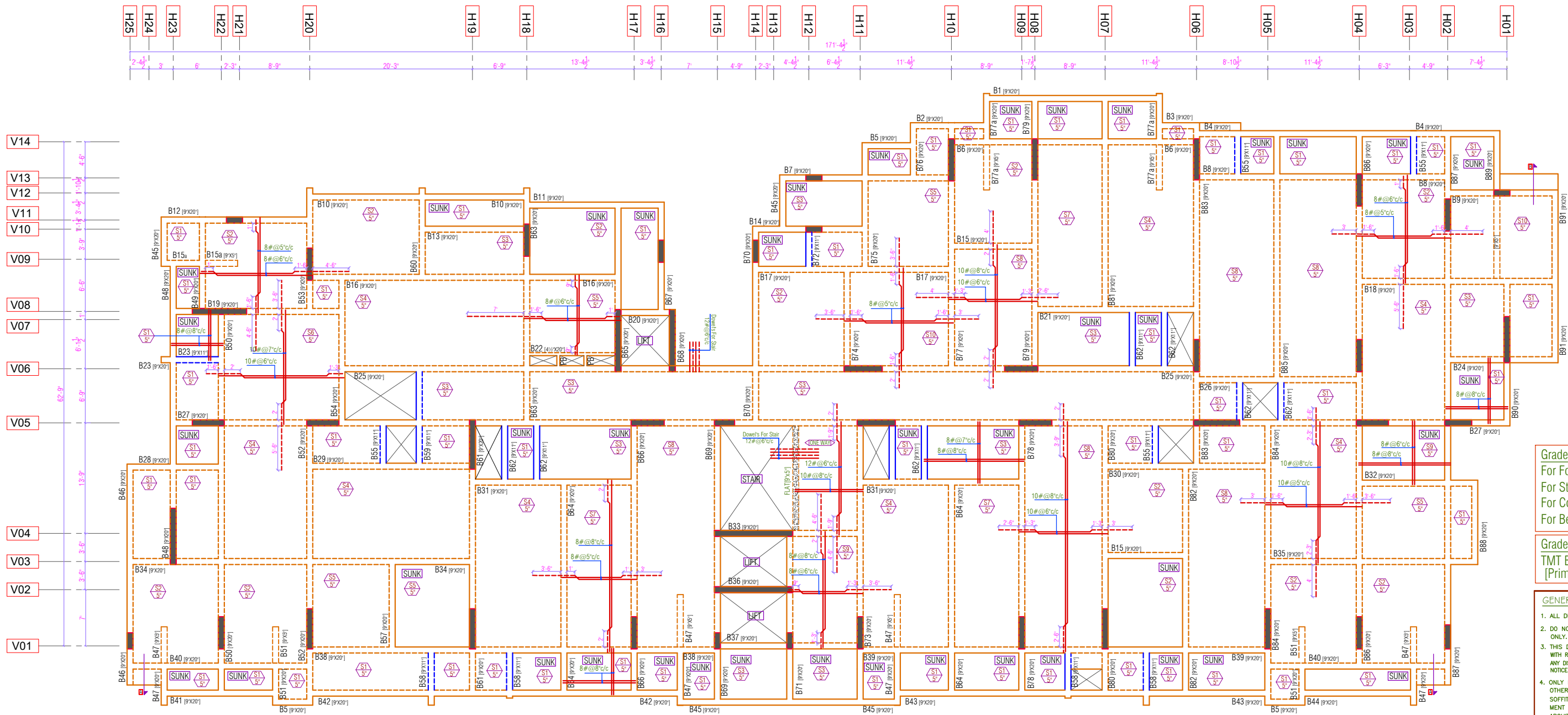
DRG. TITLE:-
 STILT FLOOR PART ROOF DETAIL

SCALE	DRG. NO.
SBC=25MT/Sq.M @ 3.5M Designed For= B+G+11	ST-RR-PJ-12a
DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.

DATE 17/10/2018 PRINT 00/10/2018	JOB.NO.	NORTH
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SG STRUCTURES
MANISH GUPTA
 B.E.[civil] M.Tech.[Stru.]



Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN MM & METER.
2. DO NOT SCALE THIS DRAWING 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 CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST-RR-PJ-00

CONCRETE DETAILS

Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:-

MR. KANHIYA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-

SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEET FARM, NEW SANGHER ROAD, JAIPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2291076

ARCHITECTS:-

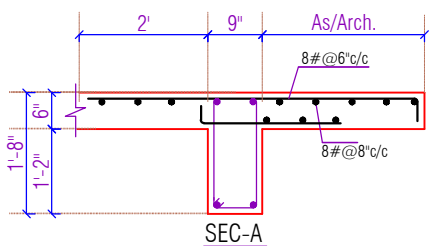
STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e-mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

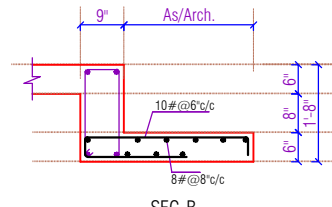
DRG. TITLE:-

TYPICAL FLOOR ROOF SHUTTERING

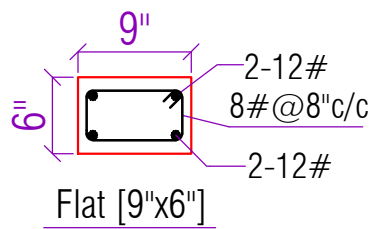
SCALE	DRG. NO.
SBC-25MT/Sq.M@3.5M Designed For=B+G+11	ST-RR-PJ-13
DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.
DATE 12/10/2018 PRINT .../10/2018	JOB NO. NORTH



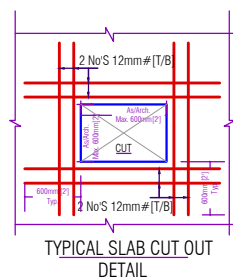
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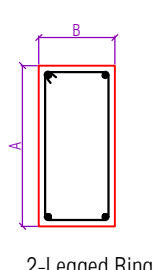
SEC-B



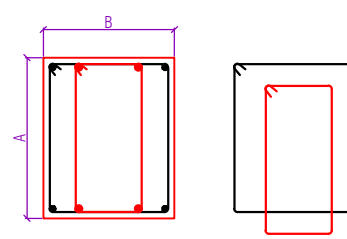
Flat 9'x6"



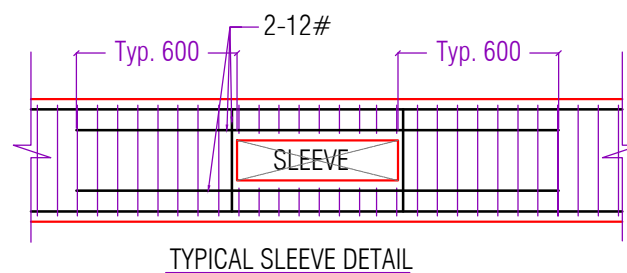
TYPICAL SLAB CUT OUT
DETAIL



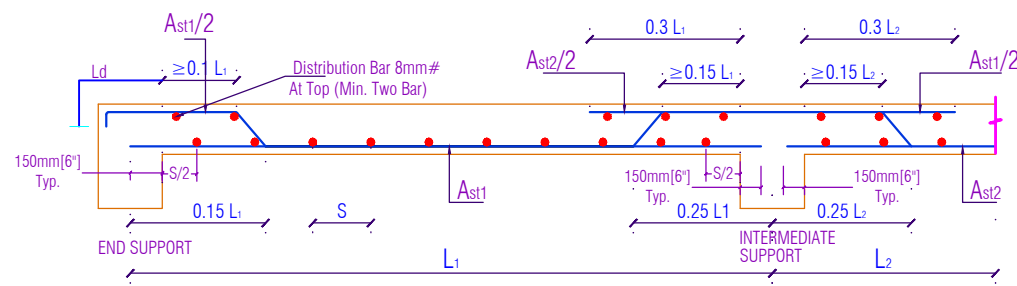
2-Legged Ring



4-Legged Ring



TYPICAL SLEEVE DETAIL



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

SLAB THICKNESS 5"

BEAM 9"x20"

BEAM 9"x11"

SUNK 6"



B56 is remove

Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-
1. ALL DIMENSION AND LEVEL ARE IN MM & METER.
2. DO NOT SCALE THIS DRAWING 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.
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REINFORCEMENT DETAILS
Please Refer Drawing ST-RR-PJ-00
CONCRETE DETAILS
Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:- MR. KANHIA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEET FARM, NEW SANGHER ROAD, JAJPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

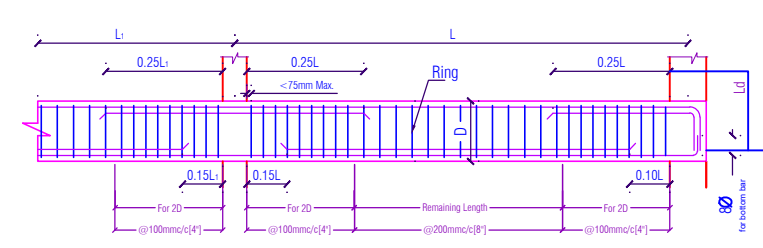
ARCHITECTS:-
STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e-mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

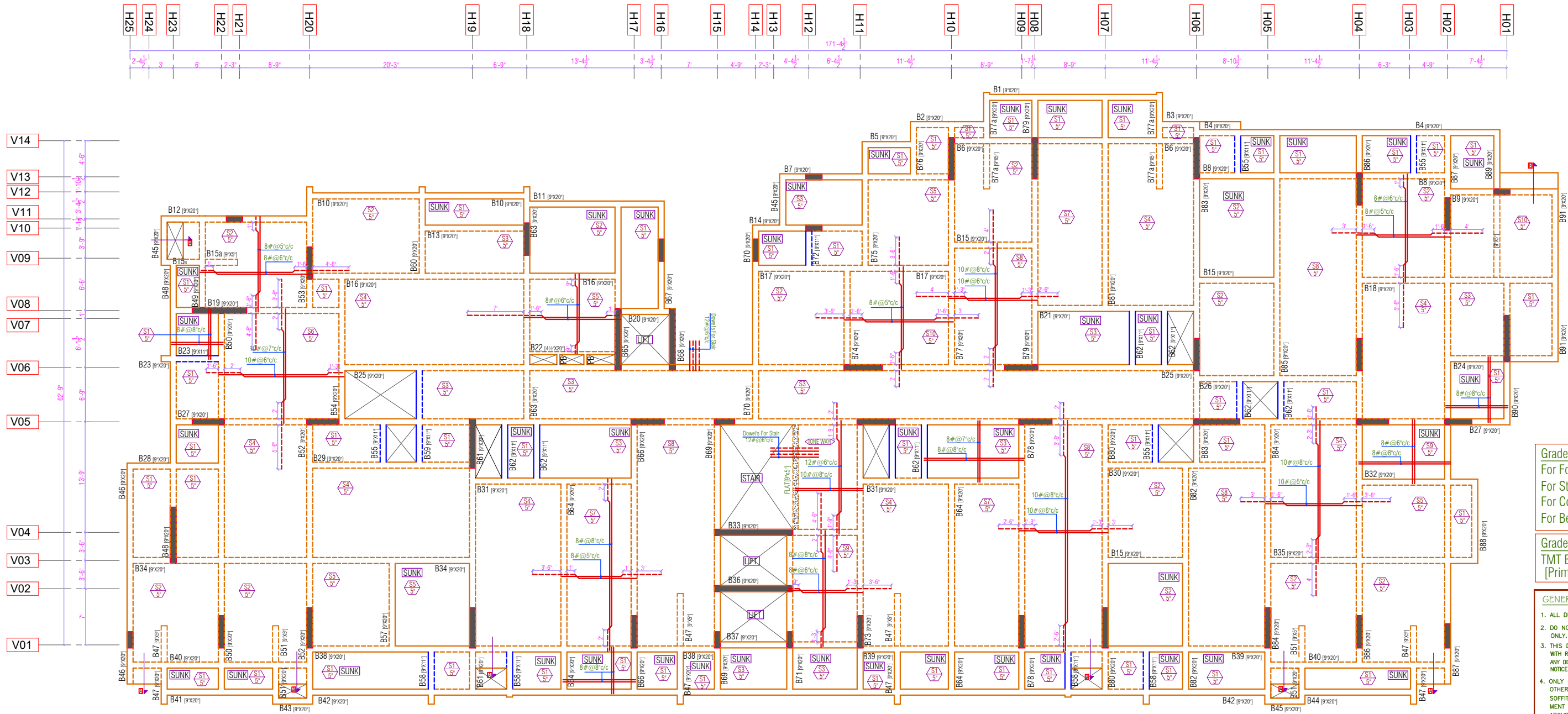
DRG. TITLE:- TYPICAL FLOOR ROOF SHUTTERING

SCALE	DRG. NO.
SBC-25MT/Sq.M@3.5M Designed For=B+G+11	ST-RR-PJ-14
DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.

DATE 12/10/2018 PRINT 10/10/2018	JOB.NO.	NORTH
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SIMPLIFIED CURTAILMENT AND STIRRUPS. RULE FOR CONTINUOUS BEAMS
(Ø = Diameter of Beam Main Steel)
(D = Total Depth of Beam)



Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-

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REINFORCEMENT DETAILS

Please Refer Drawing ST-RR-PJ-00

CONCRETE DETAILS

Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:-

MR. KANHIYA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-

SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEET FARM, NEW SANGHER ROAD, JAIPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2291076

ARCHITECTS:-

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plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e-mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- SKY TOWER

PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

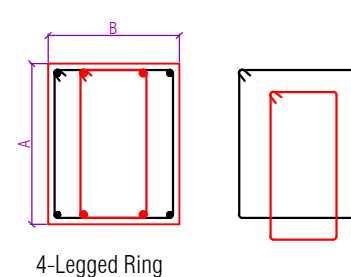
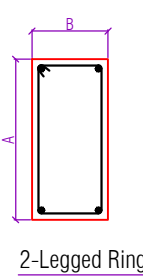
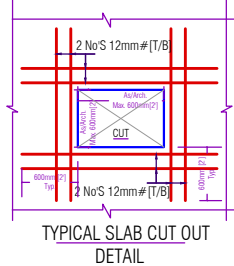
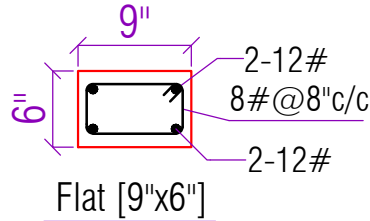
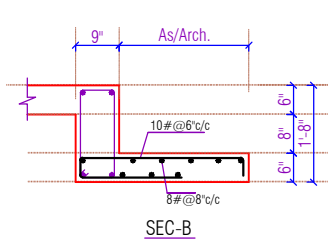
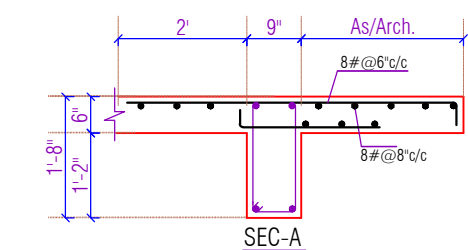
DRG. TITLE:-

2nd, 4th, 6th, 8th, 10th FLOOR ROOF DETAIL

SCALE	DRG. NO.
SBC=25MT/Sq.M@3.5M Designed For=B+G+11	ST-RR-PJ-15

DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.
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DATE 10/11/2018 PRINT .../11/2018	JOB NO.	NORTH
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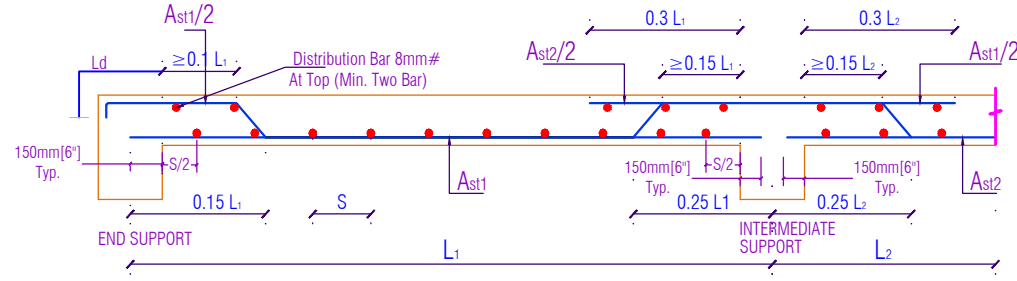
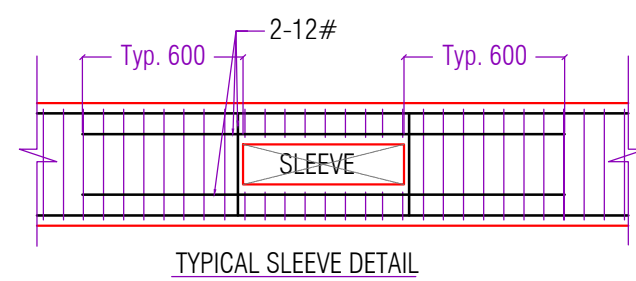
SLAB THICKNESS 5"

BEAM 9"X20"

BEAM 9"X11"

SUNK 6"

SG STRUCTURES
MANISH GUPTA
B.E. [civil] M. Tech. [Stru.]





B56 is remove

Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN MM & METER.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
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REINFORCEMENT DETAILS

Please Refer Drawing ST-RR-PJ-00

CONCRETE DETAILS

Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:-
MR. KANHIA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-

SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEET FARM, NEW SANGHER ROAD, JALPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

ARCHITECTS:-

STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e-mail: rajoriyarajesh@yahoo.co.in

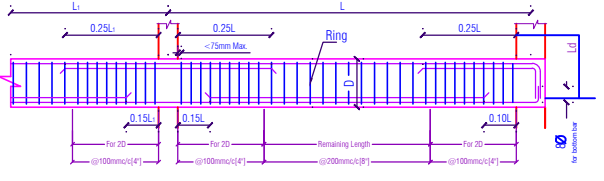
PROJECT TITLE:-SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:-

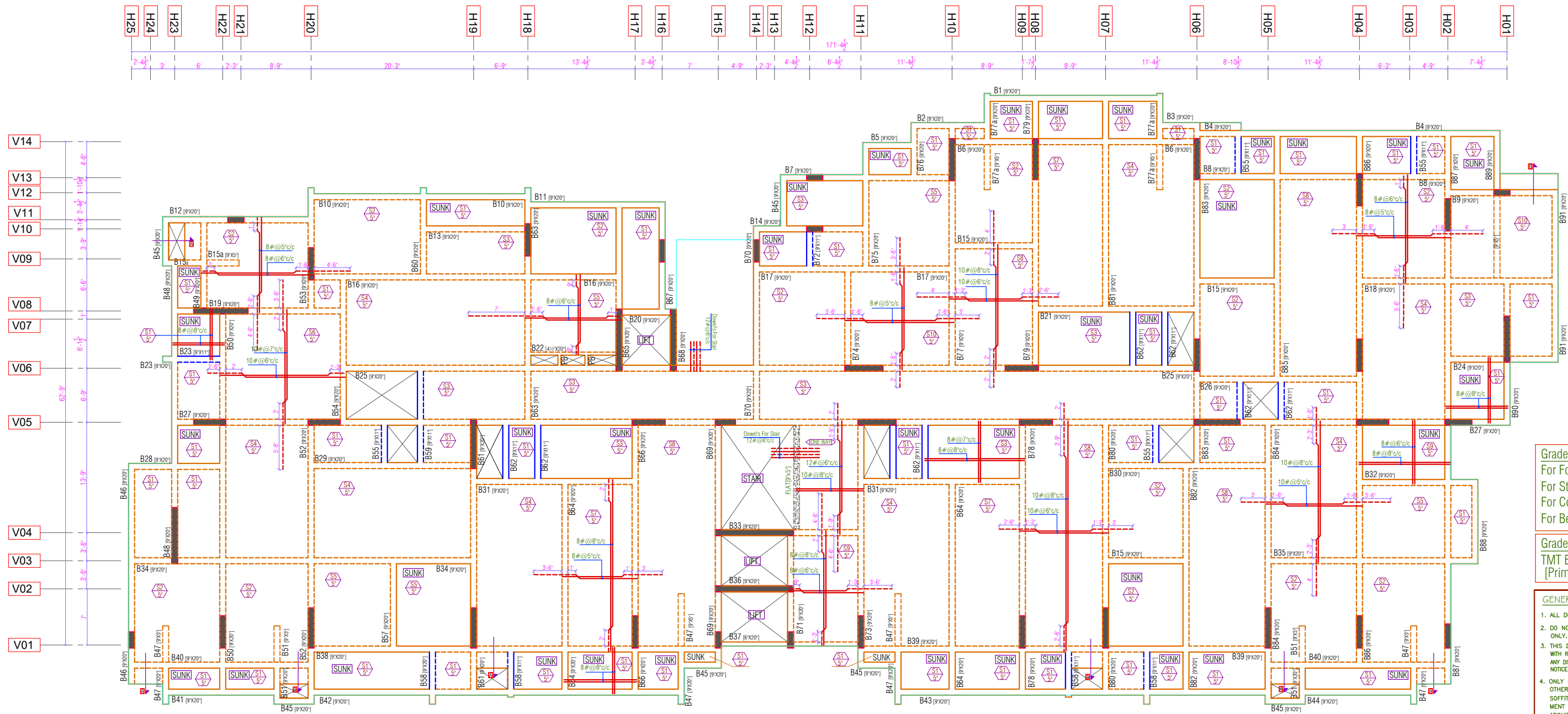
2nd, 4th, 6th, 8th, 10th FLOOR ROOF BEAM DETAIL

SCALE	DRG. NO.
SBC=25MT/Sq.M@3.5M Designed For=B+G+11	ST-RR-PJ-16
DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.

DATE 10/11/2018 PRINT 11/11/2018	JOB NO.	NORTH
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SIMPLIFIED CURTAILMENT AND STIRRUPS. RULE FOR CONTINUOUS BEAMS
(D = Diameter of Beam Main Steel)
(D = Total Depth of Beam)



Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-

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REINFORCEMENT DETAILS

Please Refer Drawing ST-RR-PJ-00

CONCRETE DETAILS

Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:-
MR. KANHIA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-

SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEET FARM, NEW SANGHER ROAD, JAIPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

ARCHITECTS:-

STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e-mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 558 & 559
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:-
3rd, 5th, 7th, 9th, 11th FLOOR ROOF DETAIL

SCALE
SBC=25MT/Sq.M @ 3.5M
Designed For=B+G+11

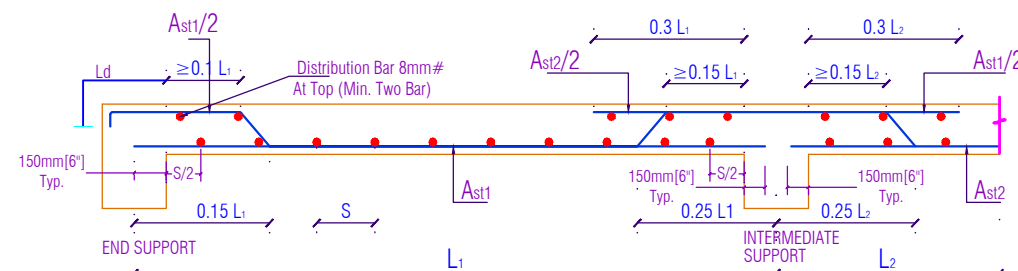
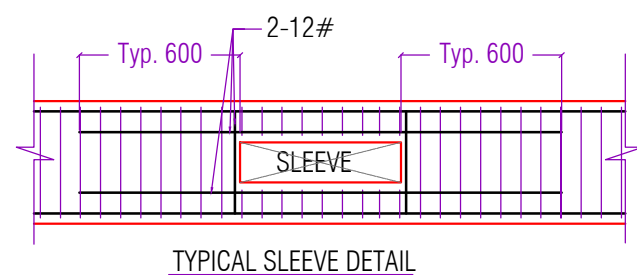
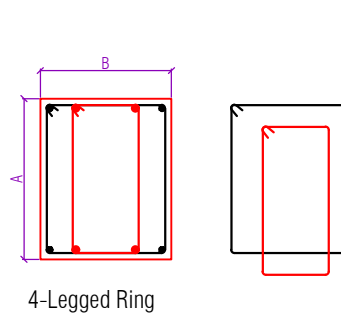
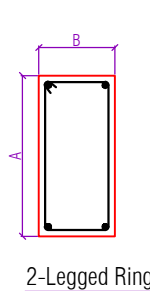
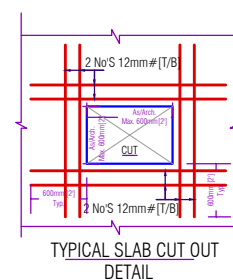
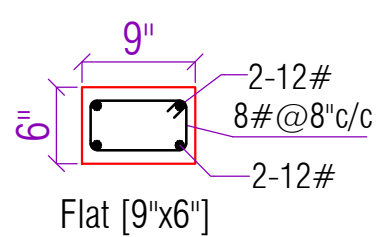
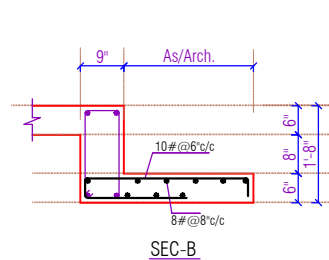
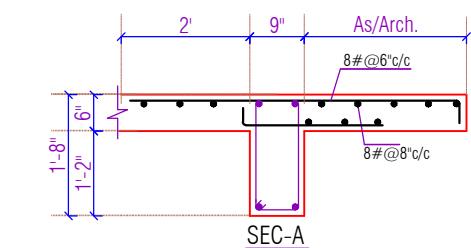
DINESH KUMAR
DRAFT BY

DATE 15/12/2018
PRINT .../12/2018

DRG. NO.
ST-RR-PJ-17

MANISH GUPTA
DESIGN & CHK. BY.

JOB NO.
NORTH



SLAB THICKNESS 5"

BEAM 9"X20"

BEAM 9"X11"

SUNK 6"

SG STRUCTURES
MANISH GUPTA
B.E. (CIVIL) M.Tech. (Stru.)



B56 is remove

Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-
1. ALL DIMENSION AND LEVEL ARE IN MM & METER.
2. DO NOT SCALE THIS DRAWING 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 CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.
REINFORCEMENT DETAILS
Please Refer Drawing ST-RR-PJ-00
CONCRETE DETAILS
Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:-
MR. KANHIYA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36,1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEET FARM, NEW SANGHER ROAD, JAJPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219,0141-2291076

ARCHITECTS:-
STUDIOS rkr architects
plot no. B-7,ganga path,suraj nagar west
civil lines,jajpur , rajasthan , India
cont: 098286 00550
e-mail: rajoriyarajesh@yahoo.co.in

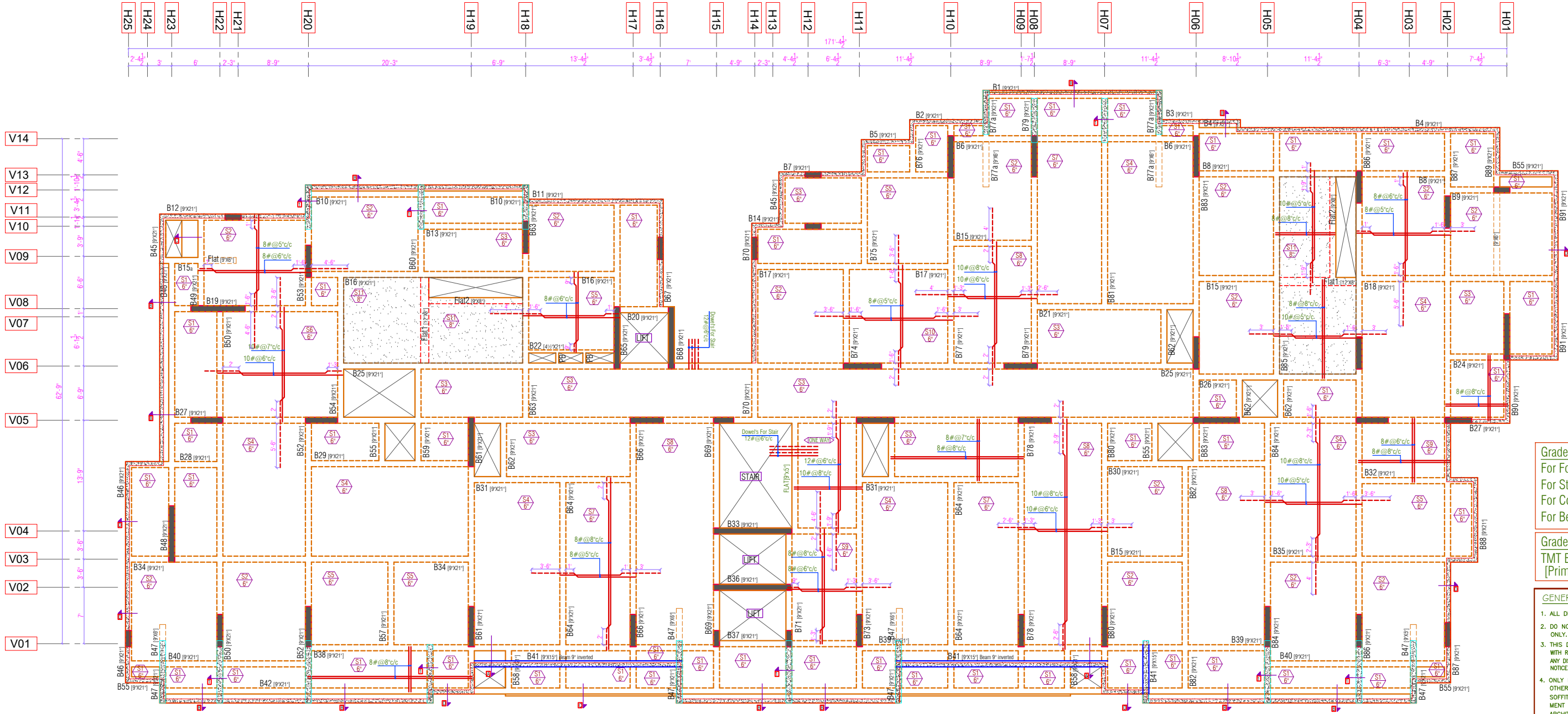
PROJECT TITLE:-SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:-
3rd,5th,7th,9th,11th FLOOR ROOF BEAM DETAIL

SCALE	DRG. NO.
SBC=25MT/Sq.M@3.5M Designed For=B+G+11	ST-RR-PJ-18
DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.

DATE 15/12/2018 PRINT ,,,/12/2018	JOB.NO.	NORTH
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Beam No. 43,44,56 is remove



Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

- GENERAL NOTES:-
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- REINFORCEMENT DETAILS
Please Refer Drawing ST-RR-PJ-00
- CONCRETE DETAILS
Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:- MR. KANHIA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEJI FARM, NEW SANGHER ROAD, JAIPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

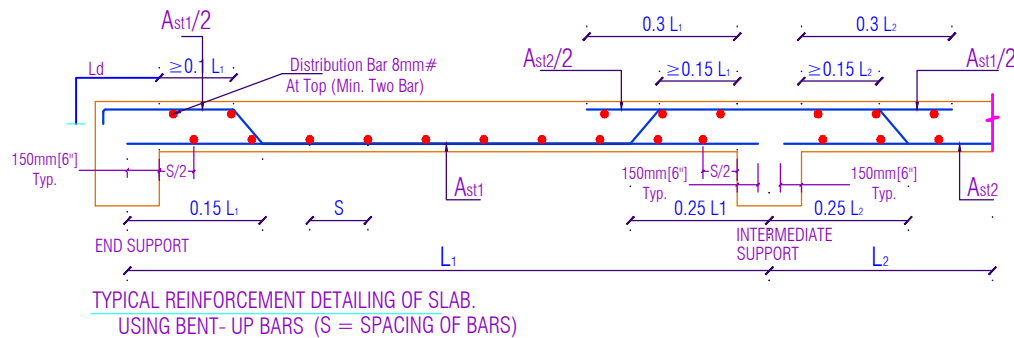
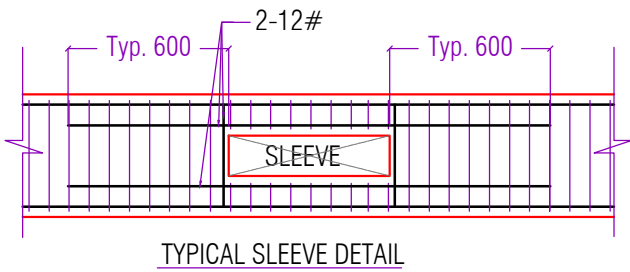
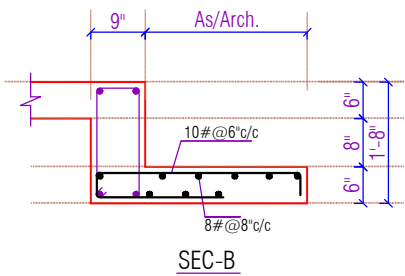
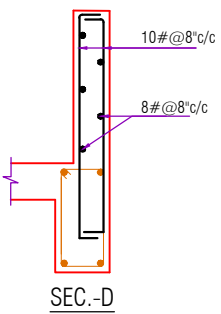
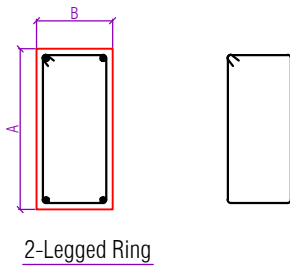
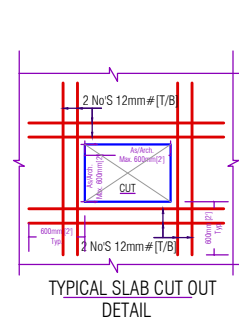
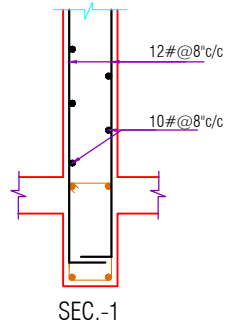
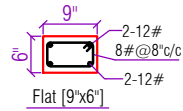
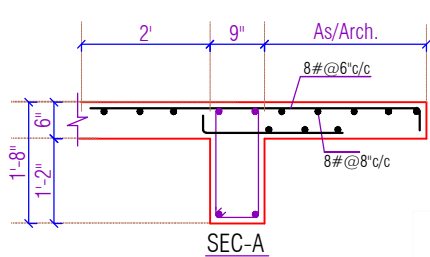
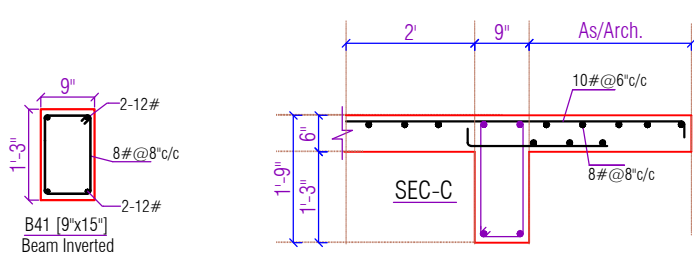
ARCHITECTS:-
STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e.mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 558 & 559
SITUATED AT REV. VILLAGE KOTRA, AJMER.

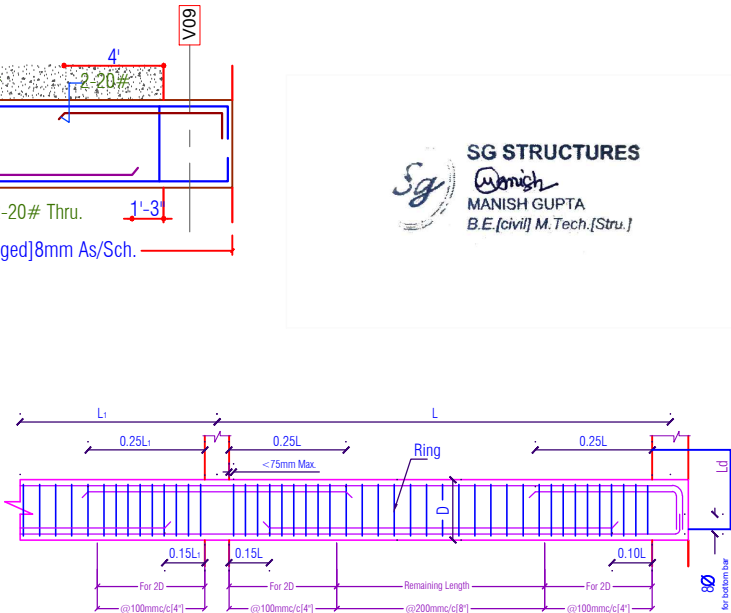
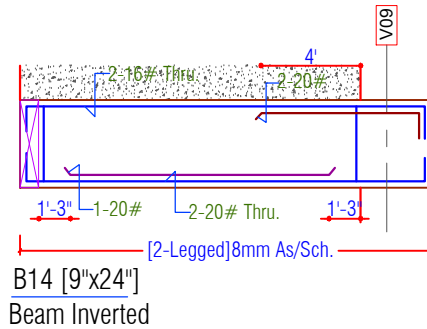
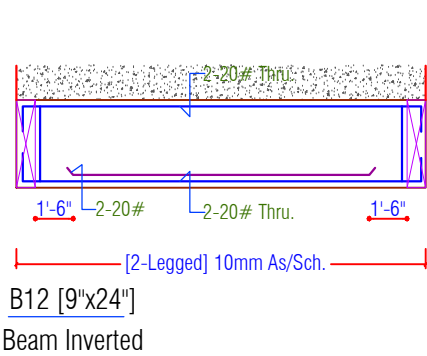
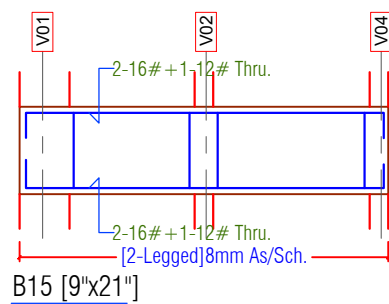
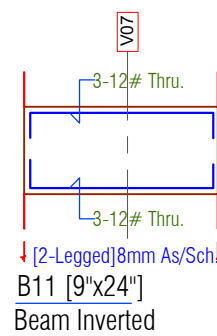
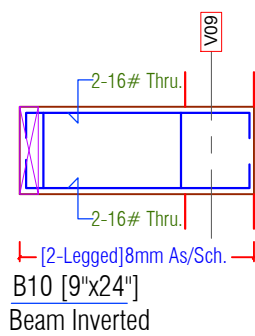
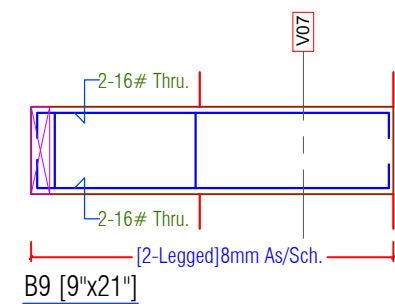
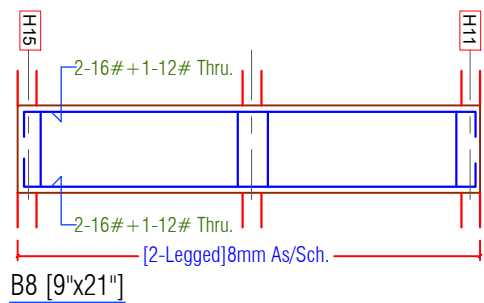
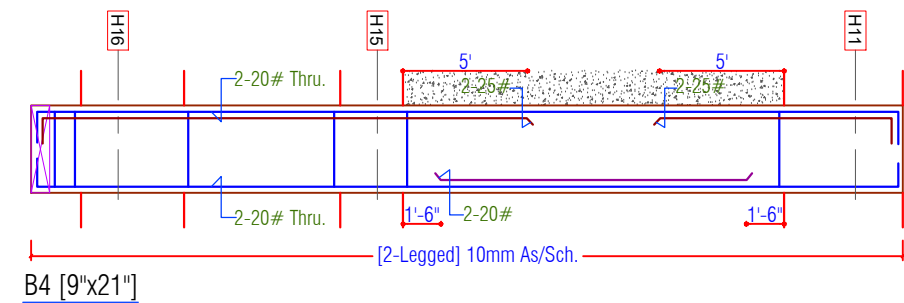
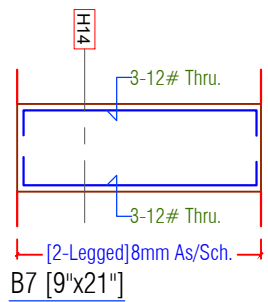
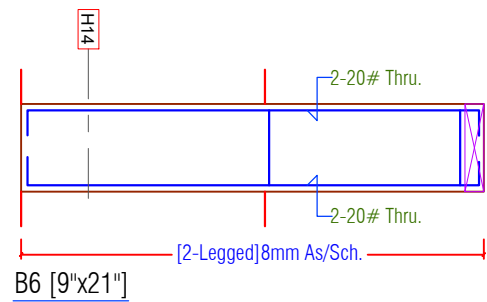
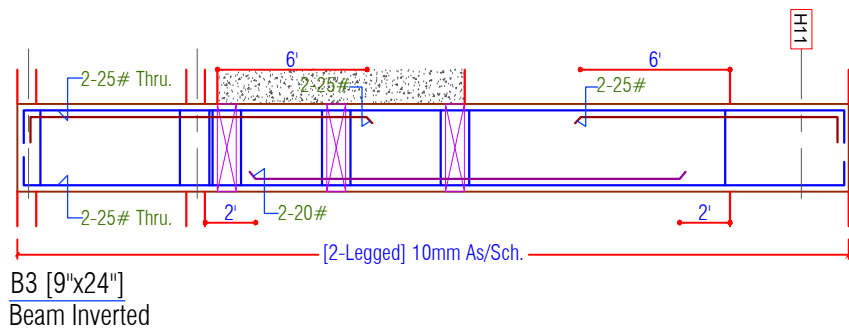
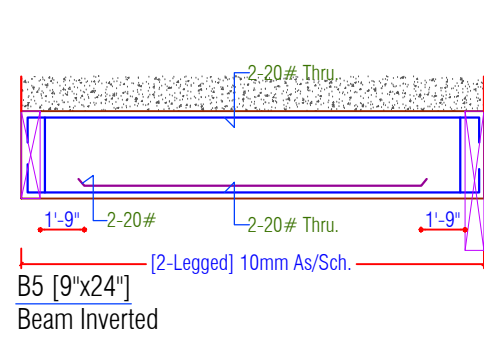
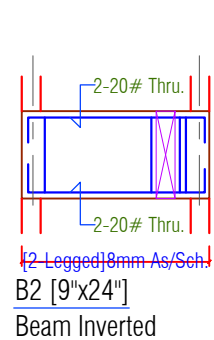
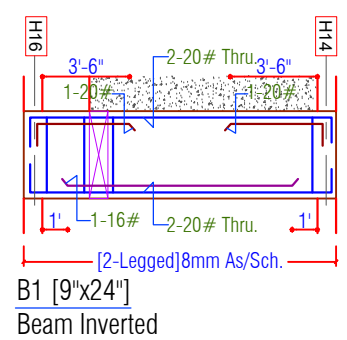
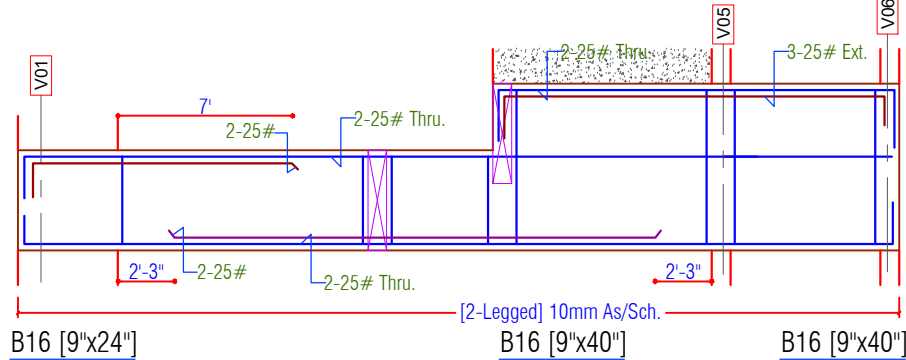
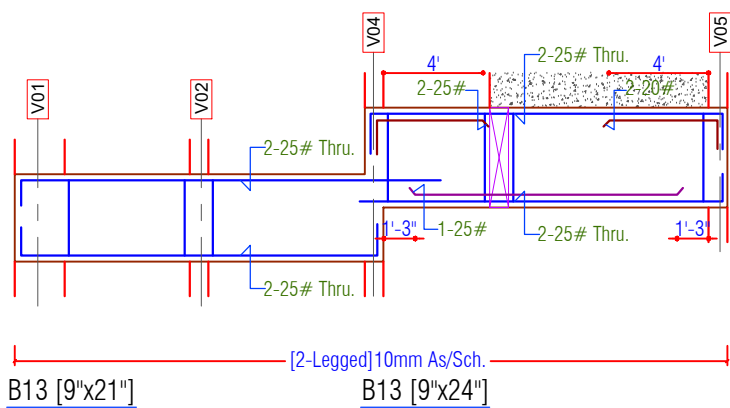
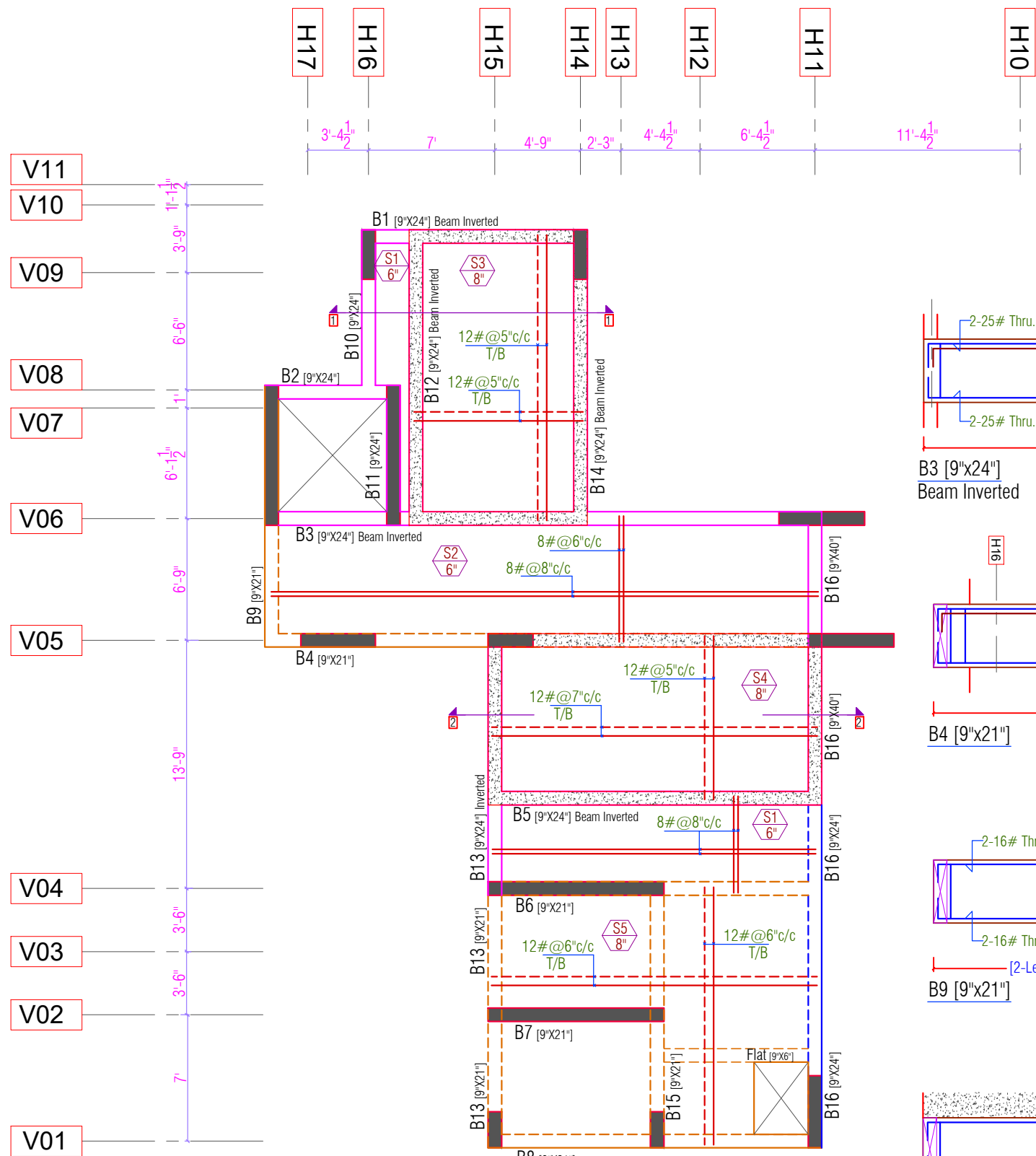
DRG. TITLE:-
TERRACE FLOOR ROOF DETAIL

SCALE	DRG. NO.
SBC-25MT/Sq.M@3.5M Designed For=B+G+11	ST-RR-PJ-19
DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.

DATE 01/11/2019 PRINT .../11/2019	JOB NO.	NORTH
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Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-
1. ALL DIMENSION AND LEVEL ARE IN MM & METER.
2. DO NOT SCALE THIS DRAWING 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 CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.
REINFORCEMENT DETAILS
Please Refer Drawing ST-RR-PJ-00
CONCRETE DETAILS
Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:- MR. KANHIYA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEET FARM, NEW SANGHER ROAD, JAIPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

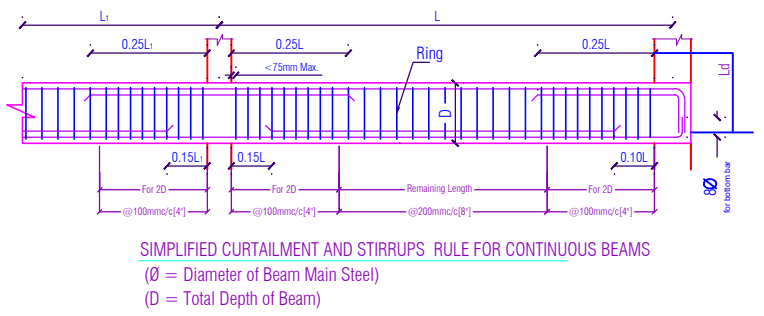
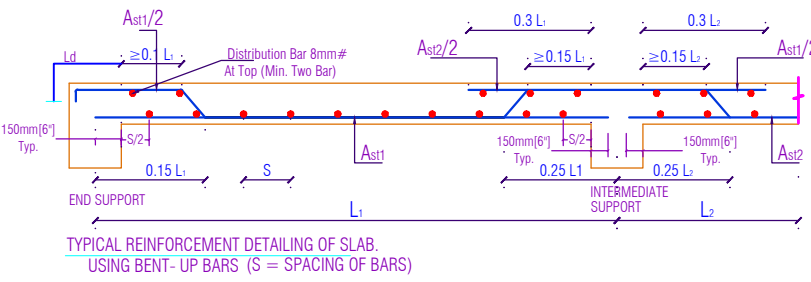
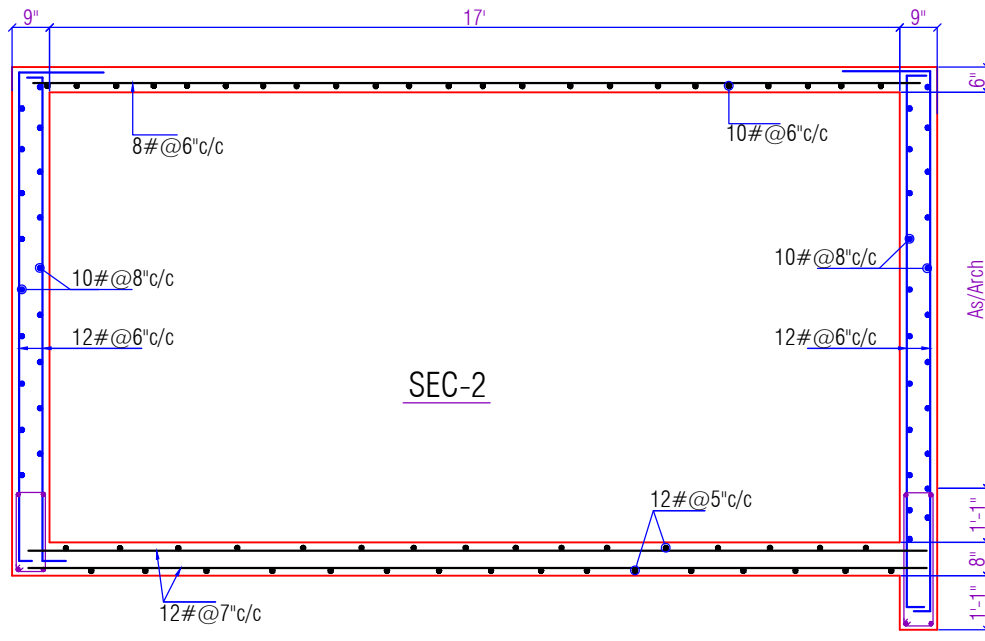
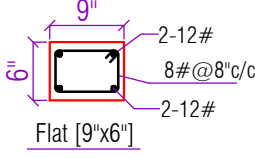
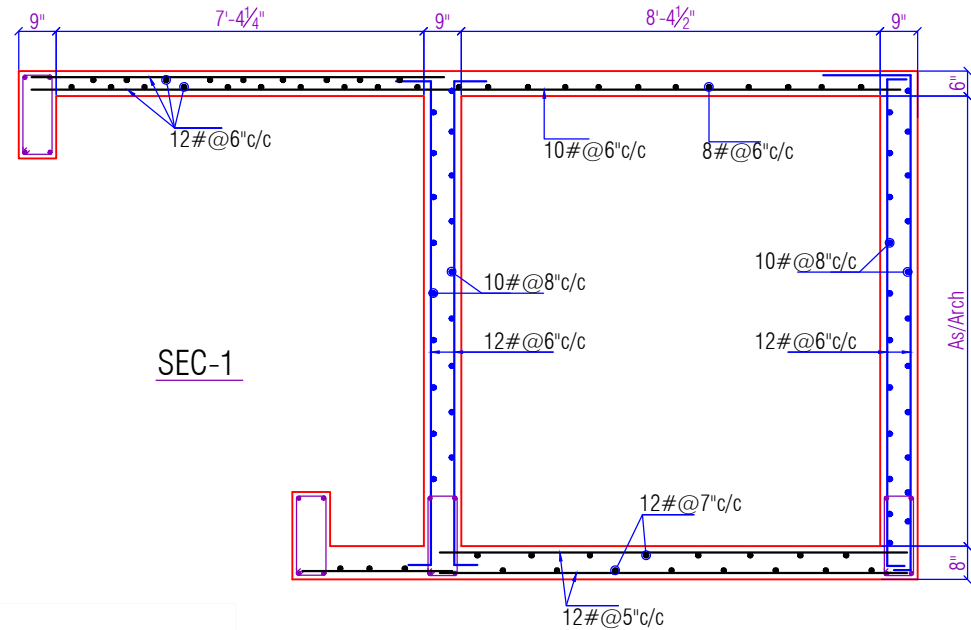
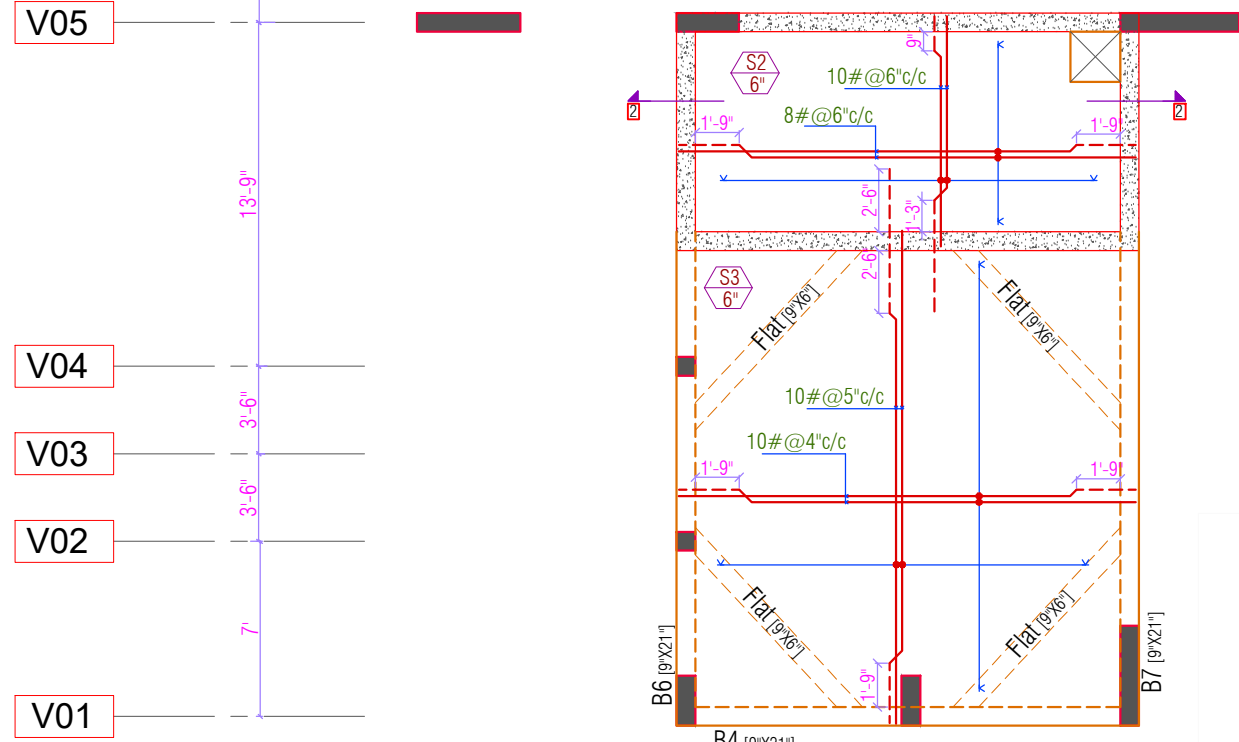
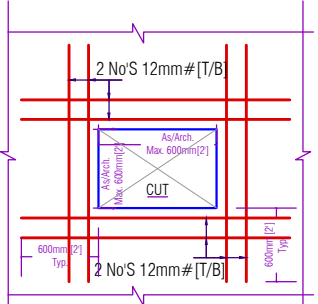
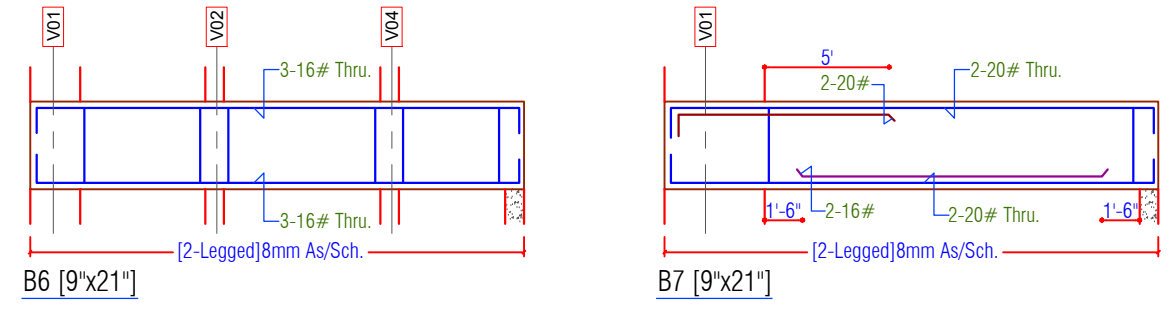
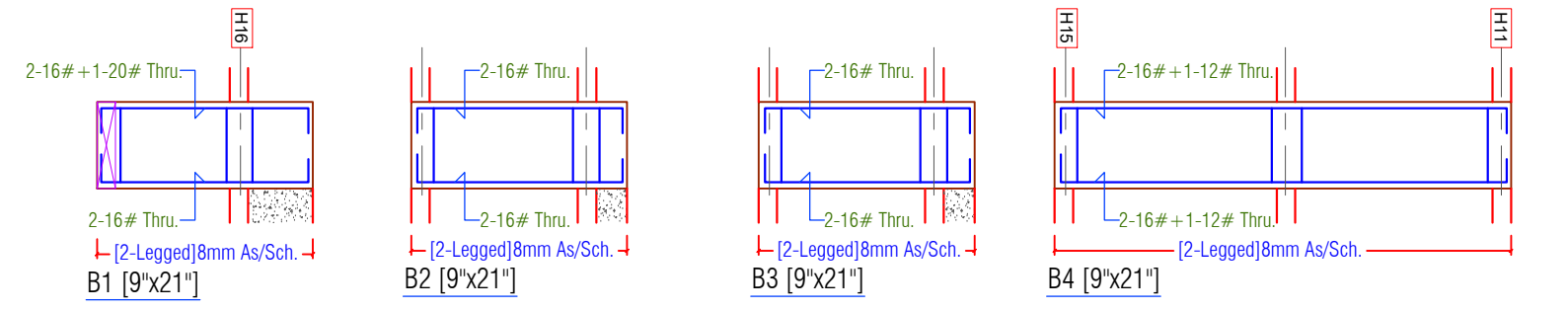
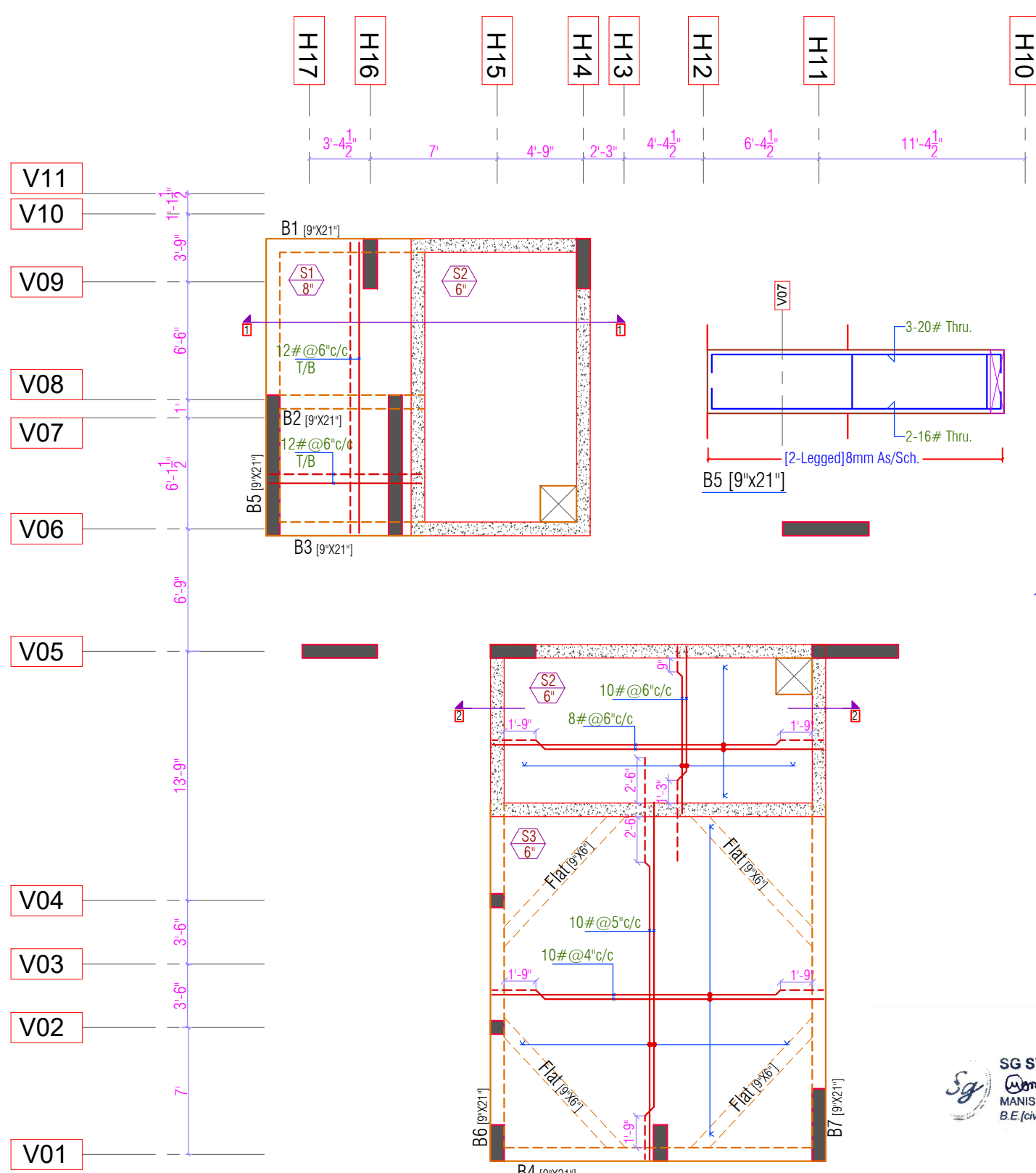
ARCHITECTS:-
STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e.mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:-
WATER TANK BOTTOM PLAN

SCALE	DRG. NO.
SBC=25MT/Sq.M@3.5M Designed For=B+G+11	ST-RR-PJ-21
DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.

DATE 20/11/2019 PRINT .../11/2019	JOB.NO.	NORTH
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Grade Of Concrete
For Foundation/Raft/Pedestal = M25
For Stair Case = M30
For Column/Lift Wall = M30
For Beam & Slab = M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make (Tata, Jindal or Eq.)]

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN MM & METER.
2. DO NOT SCALE THIS DRAWING 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.
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REINFORCEMENT DETAILS
Please Refer Drawing ST-RR-PJ-00

CONCRETE DETAILS
Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARKS
R1			
R2			
R3			
R4			

CLIENT:- MR. KANHIYA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-

SG STRUCTURES
A-36 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEL FARM, NEW SANGHER ROAD, JAPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

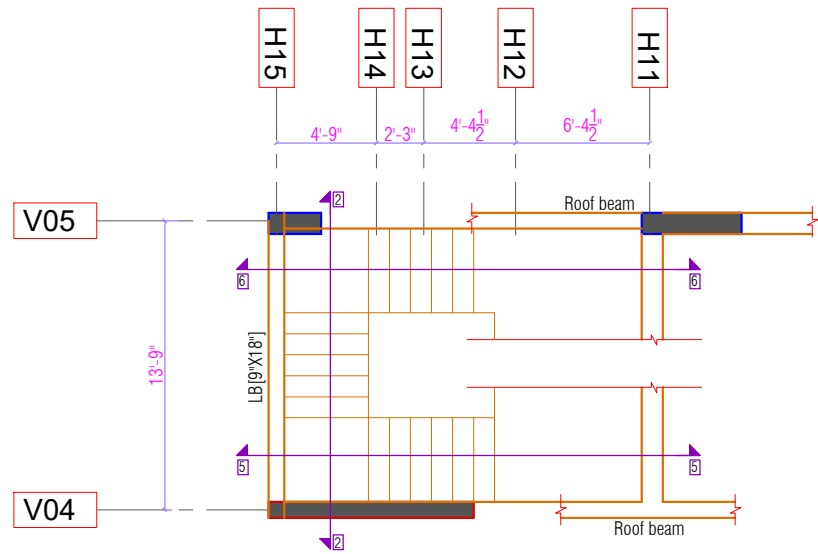
ARCHITECTS:-

STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e-mail: rajoriyarajesh@yahoo.co.in

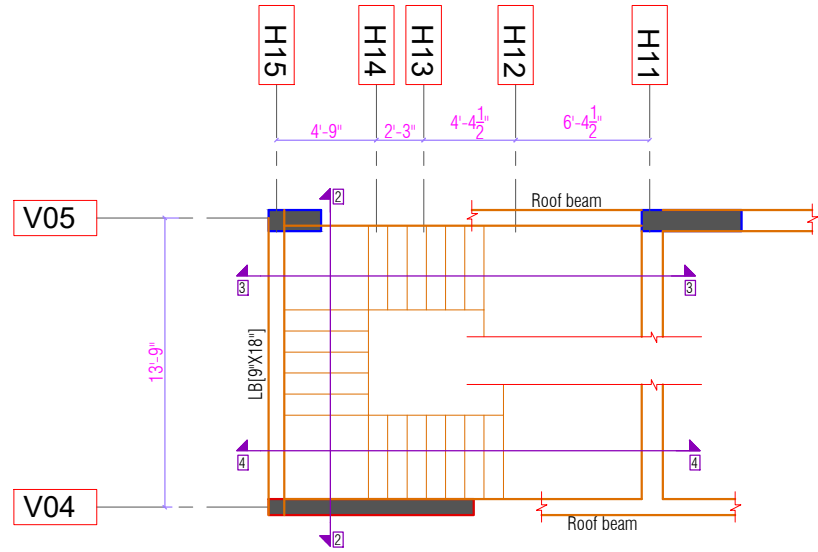
PROJECT TITLE:- SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:-
WATER TANK TOP PLAN

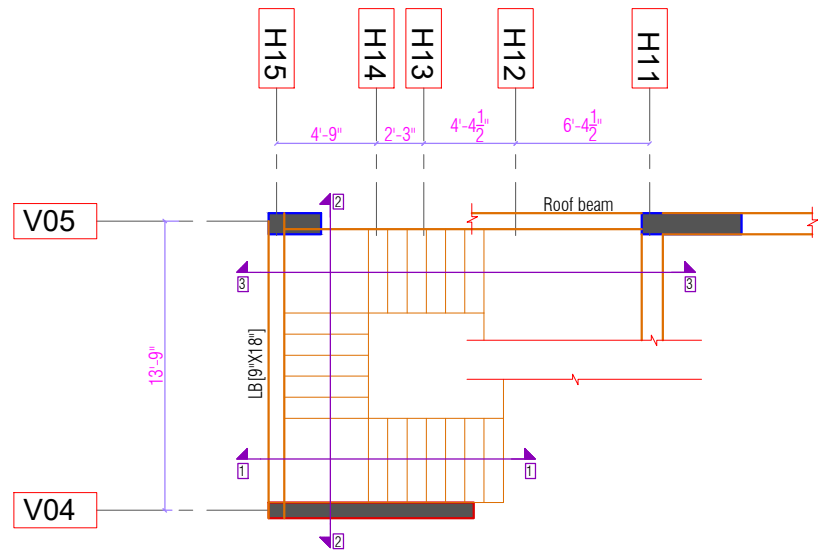
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DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.
DATE 20/11/2019 PRINT .../11/2019	JOB.NO. NORTH



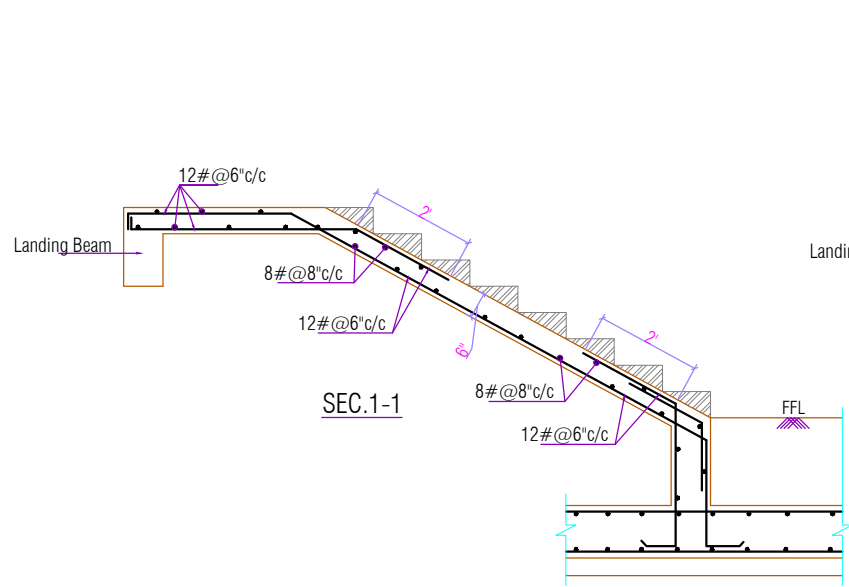
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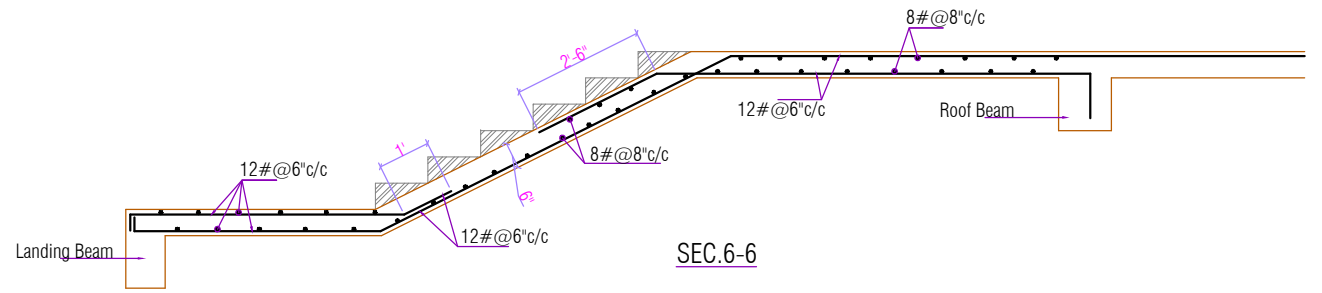
STILT FLOOR LVL.PLAN



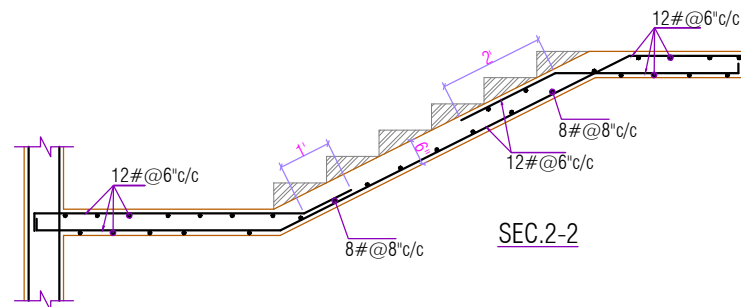
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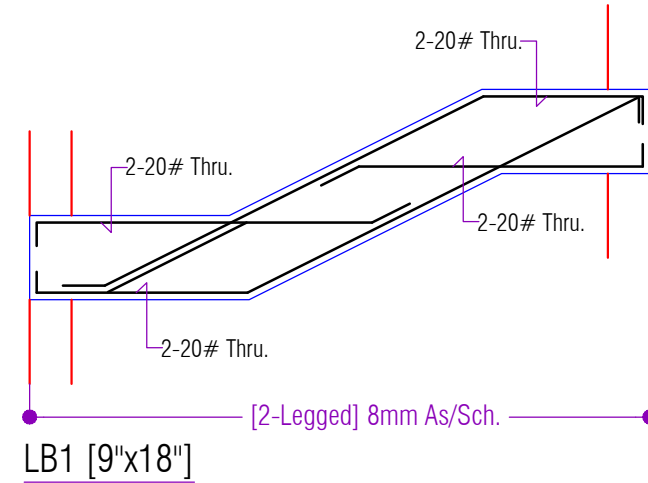
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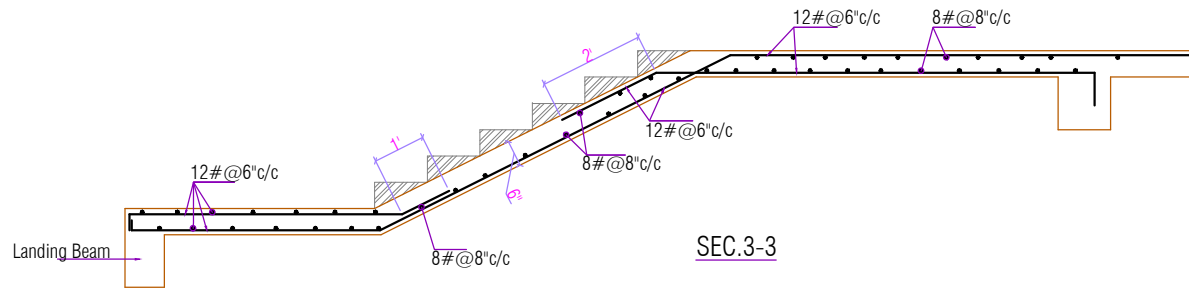
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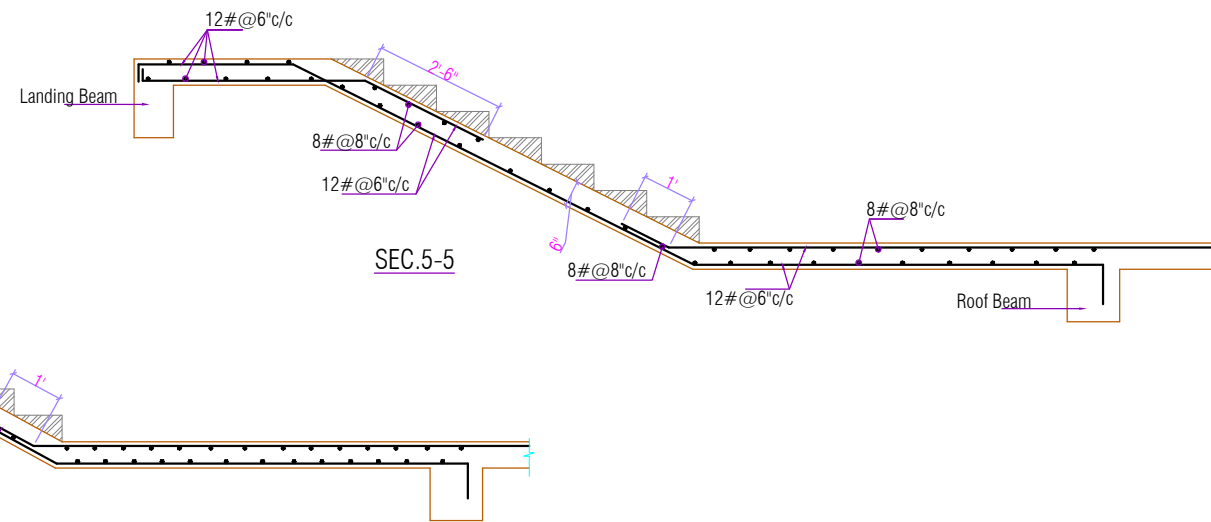
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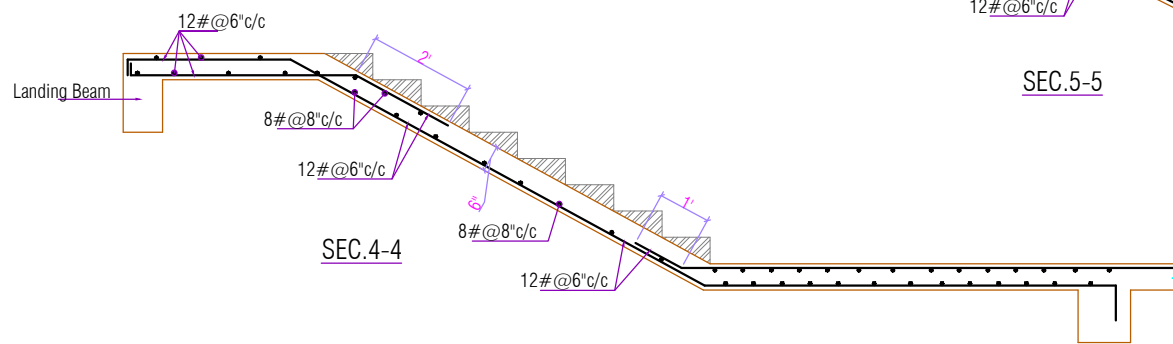
LB1 [9"x18"]



SEC.3-3



SEC.5-5



SEC.4-4

SG STRUCTURES
MANISH GUPTA
B.E.(civil) M.Tech.(Stru.)

Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-
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REINFORCEMENT DETAILS
Please Refer Drawing ST-RR-PJ-00
CONCRETE DETAILS
Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:- **MR. KANHIA LAL PURSHWANI**

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEET FARM, NEW SANGHER ROAD, JAIPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

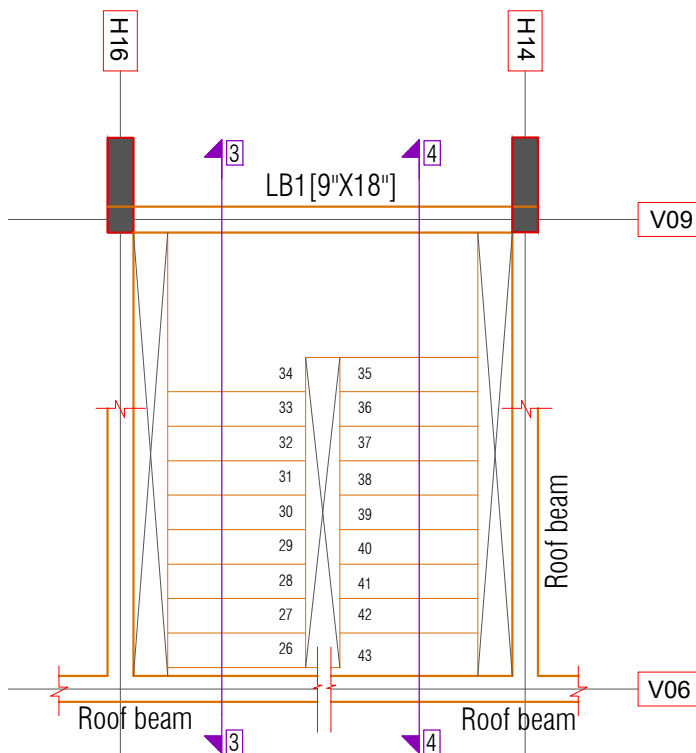
ARCHITECTS:-
STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e.mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- SKY TOWER
PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

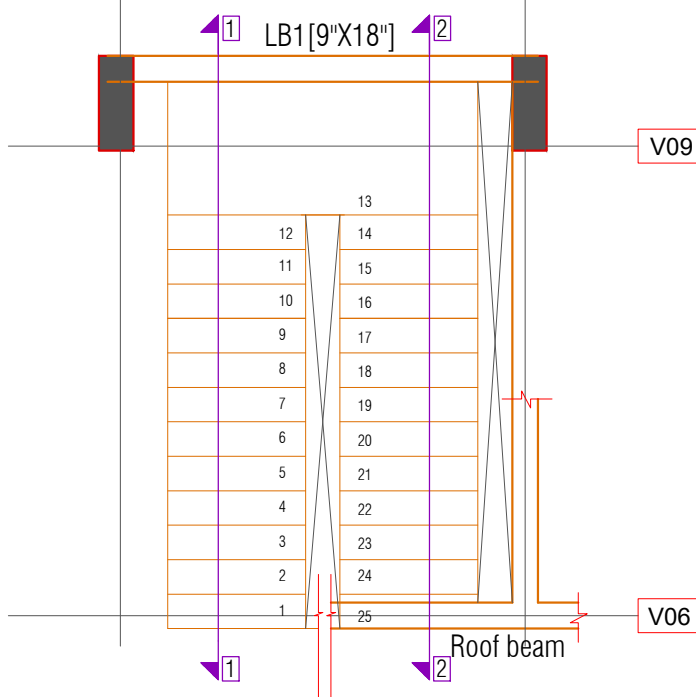
DRG. TITLE:-
STAIR CASE (ST-01) DETAIL

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DINESH KUMAR DRAFT BY	MANISH GUPTA DESIGN & CHK. BY.

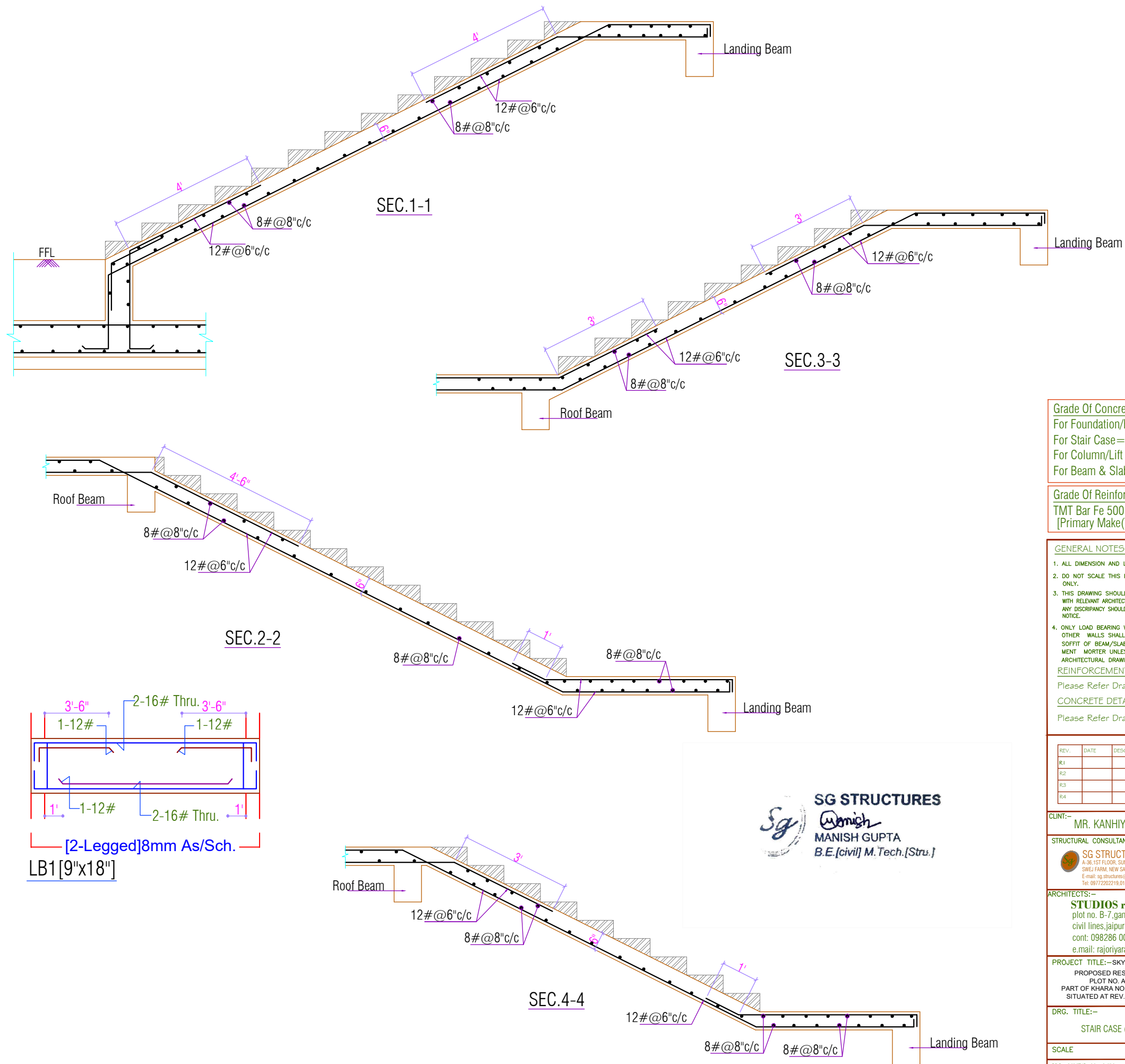
DATE 21/06/2018 PRINT 00/06/2018	JOB.NO.	NORTH
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TYPICAL FLOOR LVL.PLAN



STILT FLOOR LVL.PLAN



Grade Of Concrete
For Foundation/Raft/Pedestal= M25
For Stair Case= M30
For Column/Lift Wall= M30
For Beam & Slab= M30

Grade Of Reinforcement Steel
TMT Bar Fe 500D
[Primary Make(Tata,Jindal or Eq.)]

GENERAL NOTES:-

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REINFORCEMENT DETAILS

Please Refer Drawing ST-RR-PJ-00

CONCRETE DETAILS

Please Refer Drawing ST-RR-PJ-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:- MR. KANHIA LAL PURSHWANI

STRUCTURAL CONSULTANTS:-

SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEET FARM, NEW SANGHER ROAD, JAJPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

ARCHITECTS:-

STUDIOS rkr architects
plot no. B-7, ganga path, suraj nagar west
civil lines, jaipur, rajasthan, India
cont: 098286 00550
e.mail: rajoriyarajesh@yahoo.co.in

PROJECT TITLE:- SKY TOWER

PROPOSED RESIDENTIAL APARTMENT
PLOT NO. A, 6, 7, 8, 9, 10 & 11,
PART OF KHARA NO. 547, 550 TO 555, 557 & 558
SITUATED AT REV. VILLAGE KOTRA, AJMER.

DRG. TITLE:-

STAIR CASE (ST-02) DETAIL

SCALE	DRG. NO.
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SBC-25MT/Sq.M @ 3.5M
Designed For= B+G+11

DINESH KUMAR
DRAFT BY

MANISH GUPTA
DESIGN & CHK. BY.

DATE 21/06/2018
PRINT 00/06/2018

JOB.NO.

NORTH

SG STRUCTURES
Manish
MANISH GUPTA
B.E.(civil) M.Tech.(Stru.)