GENERAL NOTES

1. Contractor to check and verify all dimensions before execution of the work.
2. All dimensions are given Meter Millimeter unless other wise specified .
3. Figured dimensions shall be followed.
4. Executive authority shall check the drawing before tracing execution in hand.
5. 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.
6. Any variation between the details given in the structure grd and tropical drg, the details shown in structural drawing shall be followed.
7. All reinforcement for rcc work shall be TMT Grade Fe 550D conforming to IS : 1786-2008
8. The foundation has been designed as Raft footing . The SBC has been taken as 10MT/Sq.m at a depth of 1.5 Meter Below Natural Ground level.
9. 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.
10. 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.
11. Unless other wise mentioned lintels over opening/ jails niches shall be provide as per typical DRG of lintels and chanjias.
12. 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
13. Water used for mixing and curing of concrete work shall conform to quality criteria specified in IS : 456-2000
14. Unless other wise specified the structural concrete shall be M 25 for all structural members (design mix concrete conforming to the acceptance criteria given in IS :456-2000)
15. 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.)
16. 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.
17. 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
18. Strength of hollow blocks/ solid blocks shall not be less than 35 kg/cm2 and 45 kg/cm2 respectively
19. 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.
20. All existing walls and wall below plinth level shall be constructed with solids blocks.
21. Wall shall be constructed over PB as shown in the drawing where PB is not available, wall shall rest over dwarf wall /foundation.
22. 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.
23. 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.
24. 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.
25. Clear cover to all reinforcement shall be as under:

PRTICULAR	BOTTOM	TOP	SIDES
SLAB	3/4"(20MM.)	2/3"(15MM.)	
FOOTING	2"(50MM.)	2"(50MM.)	2"(50MM.)
RETAINING WALL		1"(25MM.)	11/2"(40MM.) (EARTH SIDE) 2/3"(15MM.) (IN SIDE)
COLUMNS			11/2"(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 ERTH SIDE) WHERE APPLICABLE

26. The building has been designed as per IS : 1893-2016 and IS : 456-2000 considering earthquake zone II for JAIPUR, Rajasthan
27. Admixtures :
    - A. ADMIXTURE IF USED SHALL COMPLY WITH IS : 9103
    - b. It should not impair durability of concrete
    - c. The workability, compressive strength & the slump loss of concrete with & without the use of admixture shall be Established during trial mixes before its use.
    - d. Preparation of mix using admixture is to be as per manufactures instructions.
28. For any other details not shown / indicated on DRG. Shall be as per IS 456:2000, IS 1893 : 2016.

REINFORCEMENT DETAILING

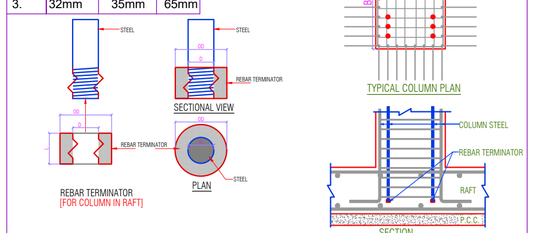
29. All reinforcement shall be terminated with straight length or L shape unless other wise specified
30. The horizontal distance between two parallel main reinforcement bars shall not be less than dia of the larger dia bar or 5 mm more than nominal size of coarse aggregate, which ever is more. Spacing of long bars measured along periphery of the col. Shall exceed 300 mm.
31. 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.
32. In beam/ lintels, first stirrup shall be at the center of span and subsequent ones at the spacing indicated in the DRGS
33. Temperature reinforcement (distribution steel in slab where not shown in drawing shall be 0.12% (tor)
34. Unless other wise specified 8# @ 300 c/c shall be provide as binders in top portion of slab reinforcement and placed parallel to support.
35. Positive reinforcement in shorter direction in middle position region for negative reinforcement.
36. Min 3 nos 8 mm # diagonal bars shall be provided at the corners of freely supported or non continues edges of slab
37. Unless other wise specified side face reinforcement shall be provide for all beams of depth exceeding 750 m as per IS : 456-2000, or as shown in drawing.
38. 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 500D) provide the full development length (46 x d for tension & 37 x d for compression for M 30 mix concrete & FE 500D)
39. No laps shall be provide in the high stress zones listed below.
    - a. Middle 1/3 span of slabs/ beams in case of positive reinforcement.
    - b. 0.3 L of span from the supports in case of beams/ slabs for negative reinforcement .
    - c. 0.25 L from the supports / junction in case of longitudinal reinforcement for column.
    - d. Not more than 40% bars shall be lapped at any one section.
    - e. Laps shall be staggered with min distance equal to 1.3 times the lap length between two lap section.
40. 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 & Fe500D]	49 x dia	39 x dia
a') Tor steel [M30 & Fe500D]	46 x dia	37 x dia

    - b) When bars of different dia area to be spliced lap length shall be calculated on basis of smaller dia.
    - c) Splice of bars in columns shall be avoided as far as possible. Where inescapable laps shall be provided after interval of two stories.
41. For the/ floor and rafter slabs, chair supports shall be provided to maintain vertical spacing between top and bottom reinforcement bar.
42. 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.
43. Dowel bars shall be held firmly in position to avoid dislocation and loss of bond due to vibration during construction stage.
44. In gashed 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.
45. 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.
46. SPLICING OF COLUMN BARS AT INTERMEDIATE FLOOR.

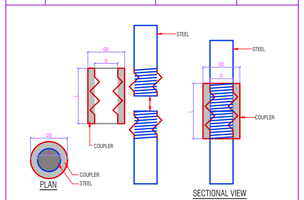
DIMENSIONS OF TERMINATOR

ITEM	REBAR DIAMETER	LENGTH [L] mm	OD mm
1.	20mm	24mm	40mm
2.	25mm	30mm	50mm
3.	32mm	35mm	65mm

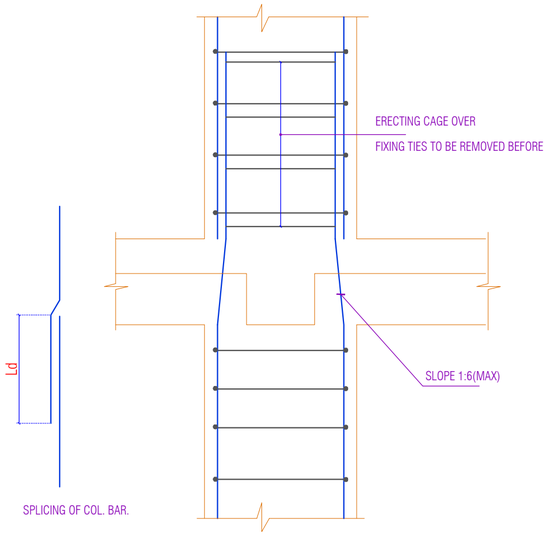


DIMENSIONS OF PARALLEL REBAR COUPLER

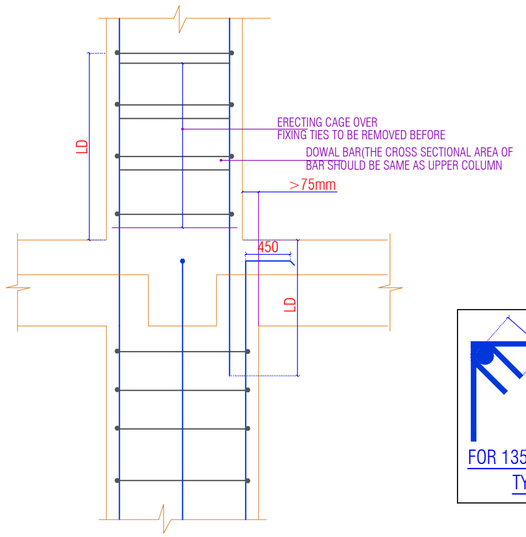
ITEM	REBAR DIAMETER	LENGTH [L] mm	OD mm
1.	20mm	48mm	32mm
2.	25mm	60mm	40mm
3.	32mm	70mm	50mm

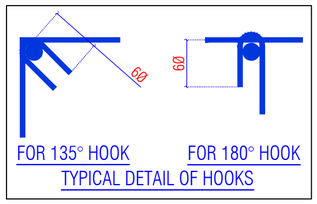


PARALLEL REBAR COUPLER [DEXTRA / MOMENT]
TENSILE STRENGTH 700N/SQ.MM.
[FOR COLUMN]

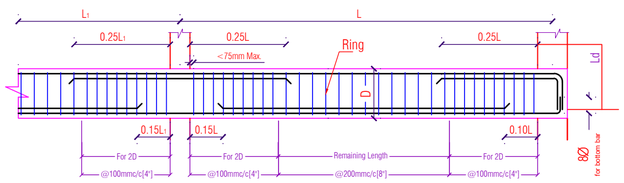


47. SPLICING OF COLUMN BARS AT INTERMEDIATE FLOOR WHEN THE RELATIVE DISPLACEMENTOF THE COLUMN FACE IS MORE THAN 75MM.



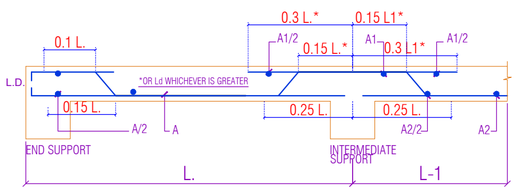


48. SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS

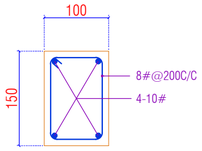


SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS
(Ø = Diameter of Beam Main Steel)
(D = Total Depth of Beam)

49. TYPICAL REINFORCEMENT DETAILING OF SLAB.



52. R.C.C. BAND FOR HALF BRICK WALL.
IN CASE OF 125TH. WALLS EXCEEDING 2000 IN HEIGHT R.C.C BAND SHALL BE PROVIDED AT EVERY 2000 INTERVAL AS SHOWEN IN THE FIGURE THE BEARING OF R.C.C. BAND SHALL BE EQUAL TO THE WIDTH OF THE ADJOINING WALL.

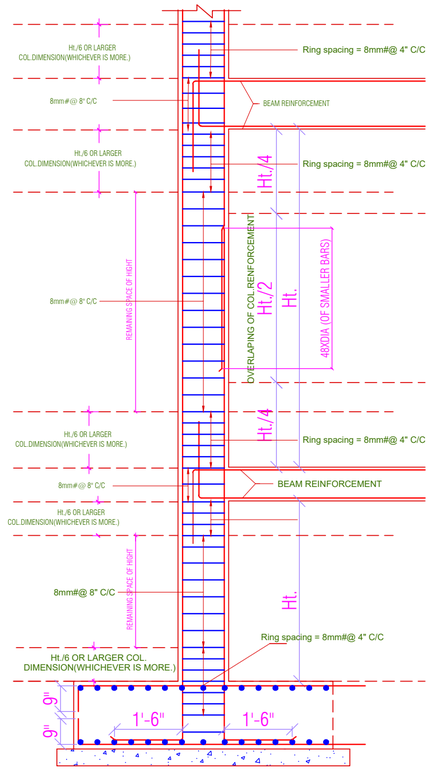


CONSTRUCTIONAL DETAILS.

1. For slabs plate / surface vibrator shall only be used for compaction to insure better quality control & needle pin vibrator shall not be used
2. 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)
3. 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.
4. Structural continuity in RCC between two successive days work shall be achieved by cleaning the old surface of all loose concrete appling net cement slurry and proper compaction.
5. 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

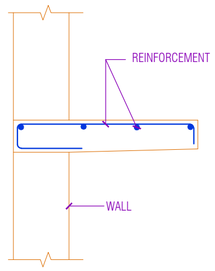
REMOVAL OF CENTERING

1.The centilever for sopporting the over hang of cantilevev beam slabs should be retaing untr sufficiend counter weight over the bearing has been attained by building masonry or otherwise.
2.The shuttering for cantilever slab / beam should be removed starting from the over hang edge.
3.Im case of canopies with cantilever beam the centring for the canopy .slab in between the beam shall be removed frist.
4.Stripping time for concrete shall be as under if O P C is used.
a)Verticale form work to columns , walls , beam-24hrs.
b)Slabs up to 4.5 M span. 7 days
c)Slabs above 4.5 M span. 14 days
d)Beams & arches up to 6 M span. 14 days
e)Beams & arches above 6 M span. 21 days
5.In case of P P C 50 % stripping time to be added.
6.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 cracking.



TYPICAL DETAIL"A" OF RING SPACING IN COLUMN

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/Pedustal= M25
For Stair Case= M25
For Column/Lift Wall= M25
For Beam & Slab= M25

Grade Of Reinforcement Steel

TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUCTION 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/SG/BSU-00
CONCRETE DETAILS
Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:
SHREE VINAYAK BUILDERS

ARCHITECTS:-
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C-49,VIDYA APARTMENT,PARAS MARG, BAPU NAGAR,NEAR JANTA STORE CIRCLE, JAIPUR-302015
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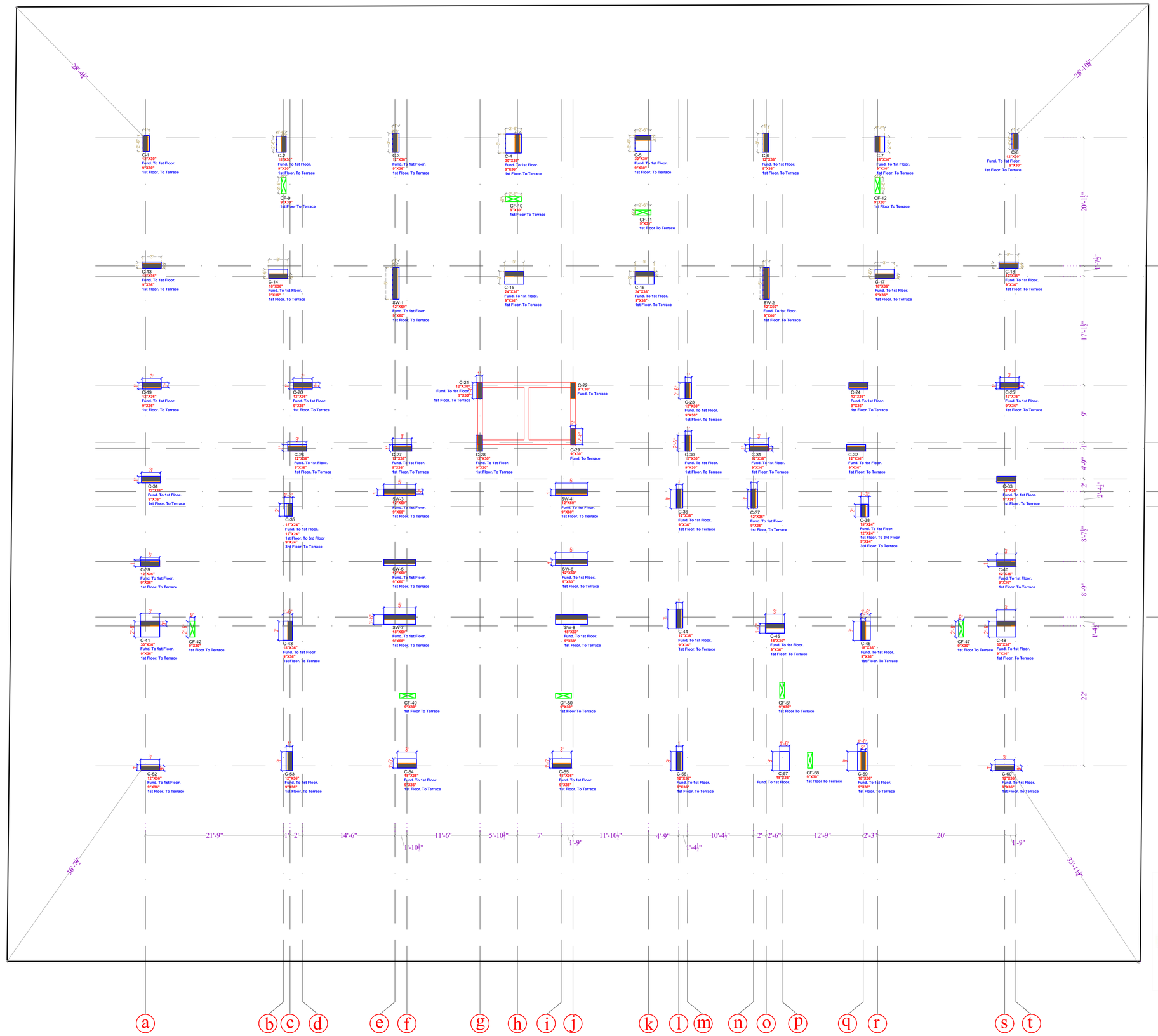
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

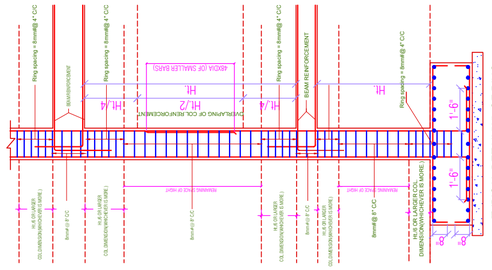
PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

DRG. TITLE:-
GENERAL SHEET

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-00
ASHOK KUMAR DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY
DATE 26/08/2024 PRINT ...../08/2024	JOB.NO. / NORTH

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





Grade Of Concrete

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

Grade Of Reinforcement Steel

TMT Bar Fe 550D

GENERAL NOTES:-

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REINFORCEMENT DETAILS

Please Refer Drawing ST/SG/BSU-00

CONCRETE DETAILS

Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R.1			
R.2			
R.3			
R.4			

CLINT:

SHREE VINAYAK BUILDERS

ARCHITECTS:-

SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
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E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

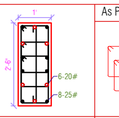
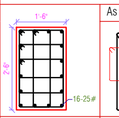
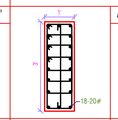
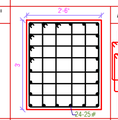
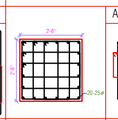
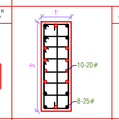
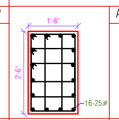
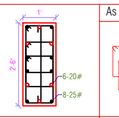
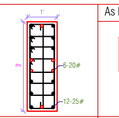
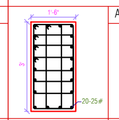
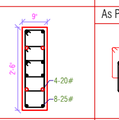
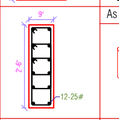
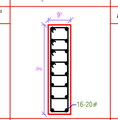
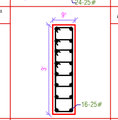
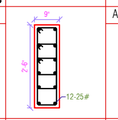
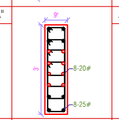
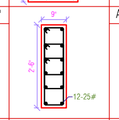
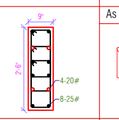
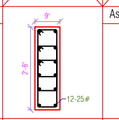
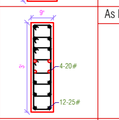
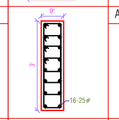
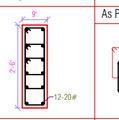
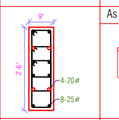
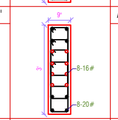
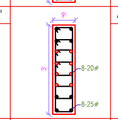
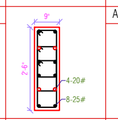
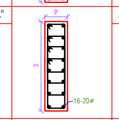
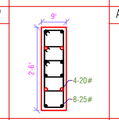
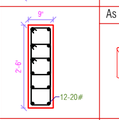
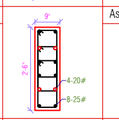
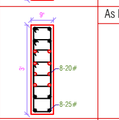
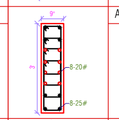
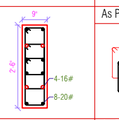
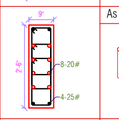
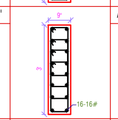
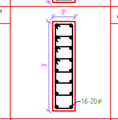
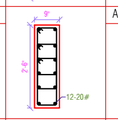
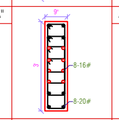
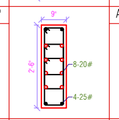
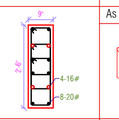
PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

DRG. TITLE:-

COLUMN LAYOUT

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

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-01
ASHOK KUMAR DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY
DATE 26/08/2024 PRINT ...../08/2024	JOB.NO. / NORTH

COLUMN	C-1.		C-2.		C-3/C-26/C-32/C-53/C-56.		C-4/C-41/C-48.		C-5.		C-6.		C-7.		C-8.		CF-9/CF-10/CF-11/CF-12/ CF-42/CF-47/CF-49/CF-50/ CF-51/CF-58.		C-13/C-18/C-19/C-25/ C-33/C-34/C-39/C-40.		C-14/C-17/C-43/C-45/ C-46/C-54/C-55/C-59.	
Foundation To 1st. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"
1st. Floor To 2nd. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"
2nd. Floor To 3rd. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"
3rd. Floor To 4th. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"
4th. Floor To 5th. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"
5th. Floor To 6th. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"
6th. Floor To (Terrace)		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"

COLUMN	C-15/C-16.		C-20/C-24/C-44.		C-21/C-23/C-28/C-30.		C-22/C-29.		C-27/C-31/C-36/ C-37.		C-35/C-38.		C-52/C-60.		C-57.	
Foundation To 1st. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"
1st. Floor To 2nd. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		
2nd. Floor To 3rd. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		
3rd. Floor To 4th. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		
4th. Floor To 5th. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		
5th. Floor To 6th. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		
6th. Floor To (Terrace)		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		

COLUMN	SW-1/SW-2/SW-3/ SW-4/SW-5/SW-6.	SW-7/SW-8.
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 6th. Floor		
6th. Floor To (Terrace)		

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

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

Grade Of Reinforcement Steel
TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUCTION 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 CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST/SG/BSU-00

CONCRETE DETAILS

Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:
SHREE VINAYAK BUILDERS

ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG, BAPU NAGAR,NEAR JANTA STORE CIRCLE, JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR, SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

DRG. TITLE:-
COLUMN SCHEDULE DETAIL

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-02
ROHIT DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY
DATE 26/08/2024 PRINT ...../08/2024	JOB.NO. / NORTH

HATCH LEGENDS :-

LIFT PIT	
PEDESTAL	
LIFT RCC WALL	

REINFORCEMENT LEGENDS :-

R/F DETAIL @ X Dir.	
R/F DETAIL @ Y Dir.	

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

Grade Of Reinforcement Steel
TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUCTION 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/SG/BSU-00

CONCRETE DETAILS

Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:
SHREE VINAYAK BUILDERS

ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (0)
Email:-info.spacegrid@gmail.com

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

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

PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

DRG. TITLE:-
RAFT FOUNDATION
BOTTOM/TOP THRU. R/F LAYOUT

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-03
ASHOK KUMAR DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY
DATE 26/08/2024 PRINT ...../08/2024	JOB.NO.

NORTH

REINFORCEMENT LEGENDS :-

R/F DETAIL @ X Dir.	
R/F DETAIL @ Y Dir.	

CODE	REINFORCEMENT STEEL	LOCATION
A	12#@8"c/c	BOTTOM EXTRA
B	16#@8"c/c	BOTTOM EXTRA
C	20#@8"c/c	BOTTOM EXTRA
D	20#@16"c/c + 25#@16"c/c	BOTTOM EXTRA
E	25#@8"c/c	BOTTOM EXTRA

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

HATCH LEGENDS :-

LIFT PIT	
PEDESTAL	
LIFT RCC WALL	

REINFORCEMENT LEGENDS :-

R/F DETAIL @ X Dir.	
R/F DETAIL @ Y Dir.	

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

Grade Of Reinforcement Steel
TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUCTION 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/SG/BSU-00

CONCRETE DETAILS

Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:
SHREE VINAYAK BUILDERS

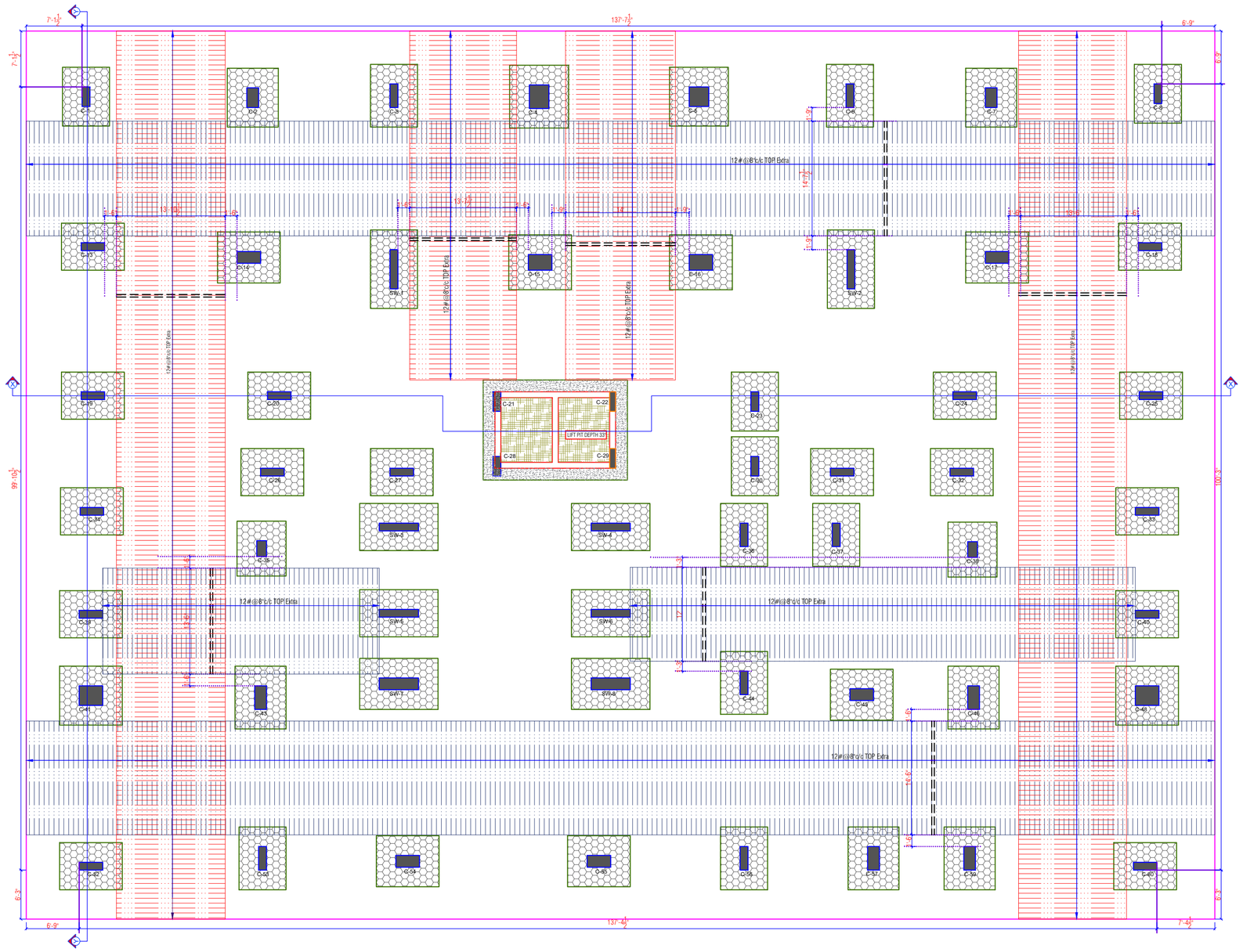
ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (0)
Email:-info.spacegrid@gmail.com

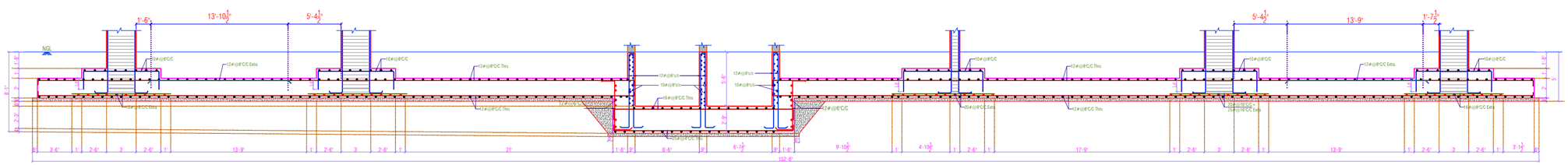
STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

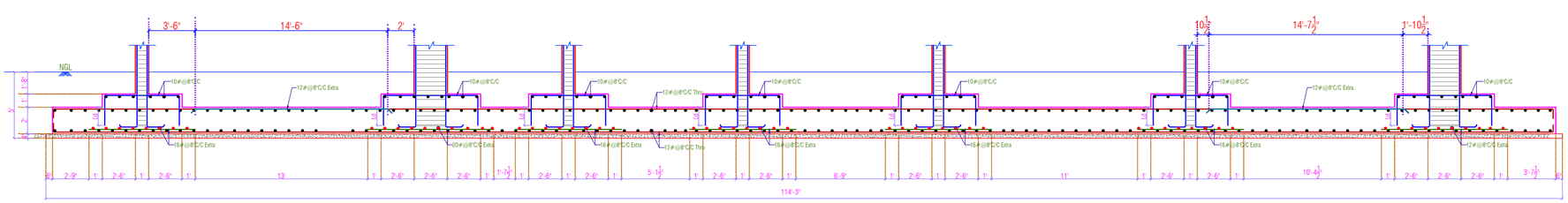
DRG. TITLE:-
RAFT FOUNDATION
BOTTOM EXTRA R/F LAYOUT

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-04
ASHOK KUMAR DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY
DATE 26/08/2024 PRINT ...../08/2024	JOB.NO.
NORTH	





SECTION X-X



SECTION Y-Y

HATCH LEGENDS :-	
LIFT PIT	
LIFT RCC WALL	
PEDESTAL	
TOP X R\F	
TOP Y R\F	

REINFORCEMENT LEGENDS :-	
R/F DETAIL @ X Dir.	
R/F DETAIL @ Y Dir.	

Grade Of Concrete

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

Grade Of Reinforcement Steel

TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
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3. THIS DRAWING SHOULD BE READ IN CONJUCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCRIPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
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REINFORCEMENT DETAILS

Please Refer Drawing ST/SG/BSU-00

CONCRETE DETAILS

Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

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

CLINT:
SHREE VINAYAK BUILDERS

ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

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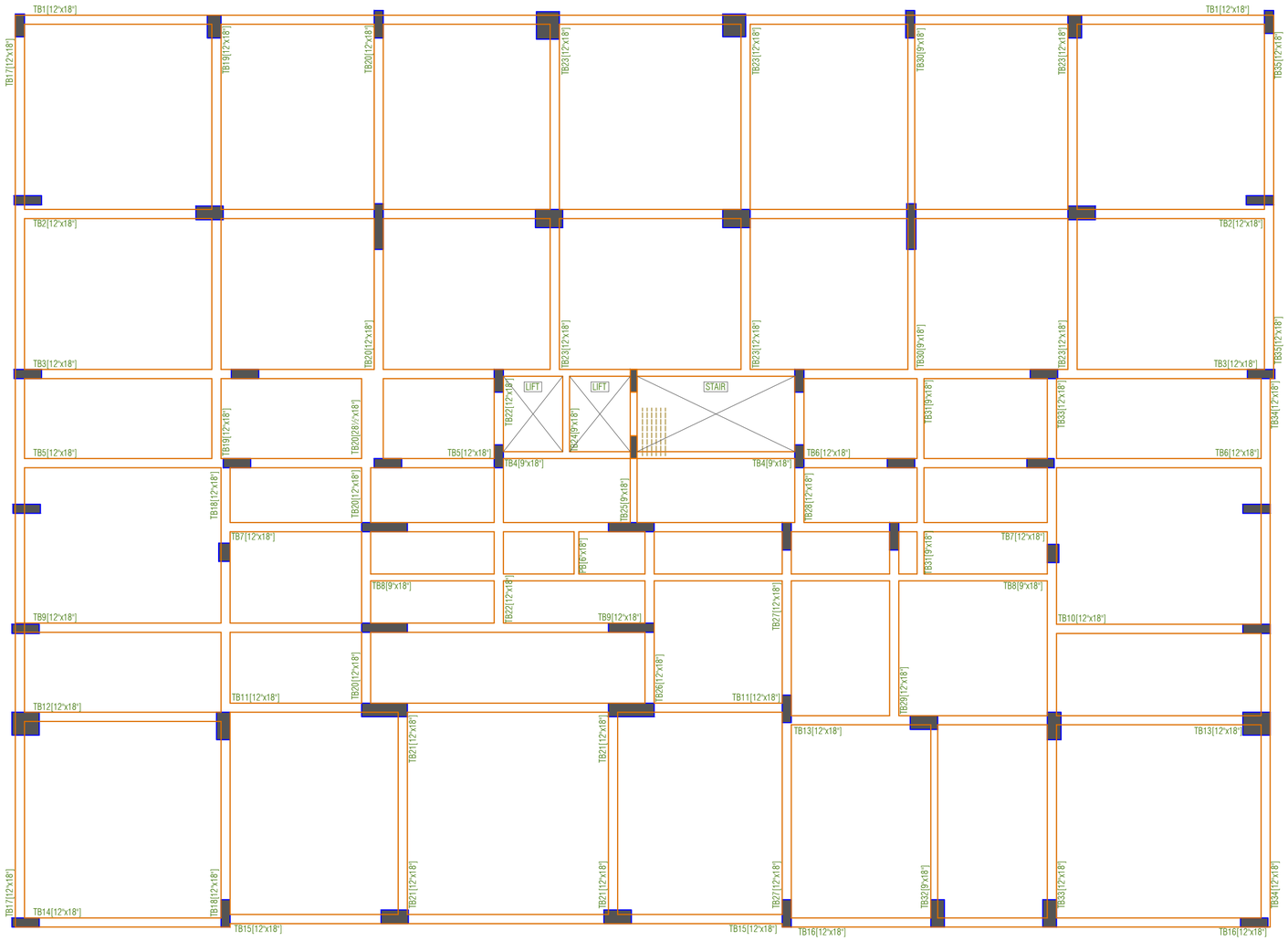
SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

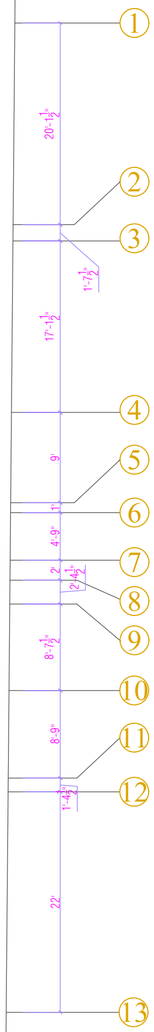
PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

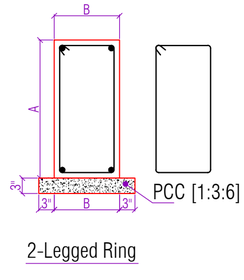
DRG. TITLE:-
RAFT FOUNDATION
TOP EXTRA R/F LAYOUT

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-05
ASHOK KUMAR DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY

DATE 26/08/2024 PRINT ...../08/2024	JOB.NO.	NORTH







2-Legged Ring

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

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

Grade Of Reinforcement Steel
TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUCTION 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 CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST/SG/BSU-00

CONCRETE DETAILS

Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:
SHREE VINAYAK BUILDERS

ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

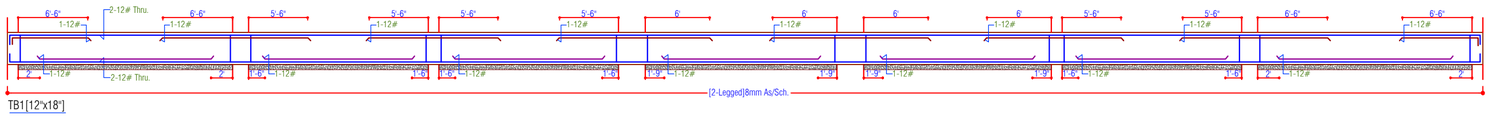
STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

DRG. TITLE:-
PLINTH BEAM LAYOUT

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-06
ASHOK KUMAR DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY
DATE 12/09/2024 PRINT ...../09/2024	JOB.NO.

NORTH



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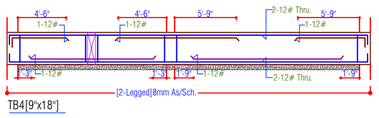

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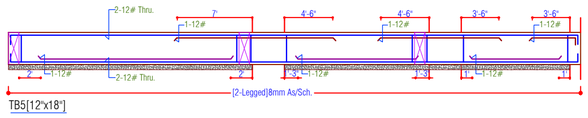

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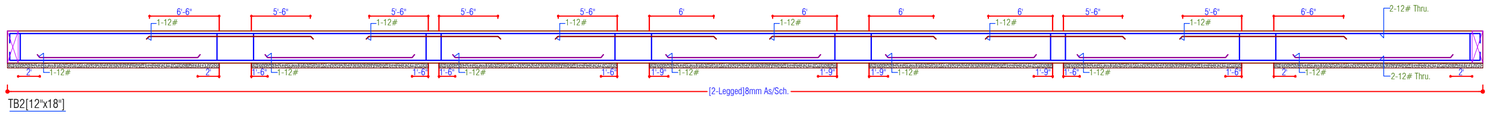

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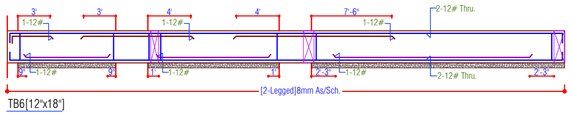

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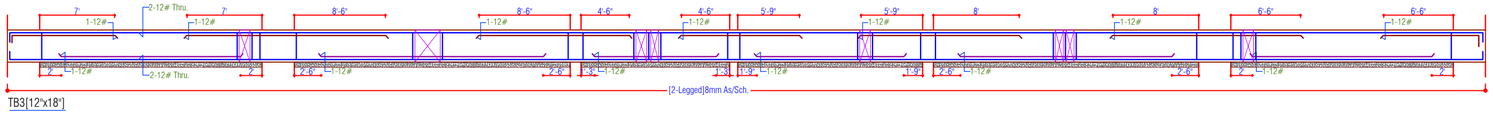

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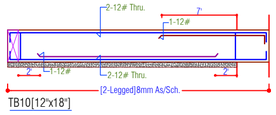

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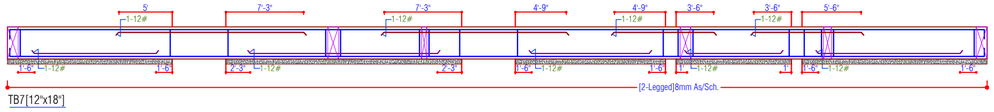

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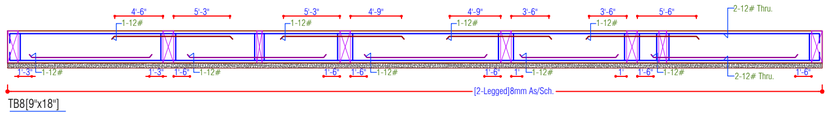

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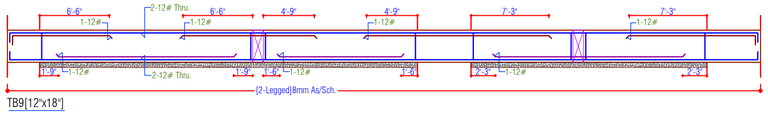

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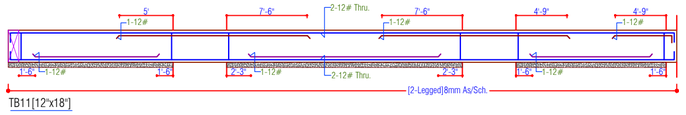

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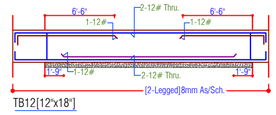

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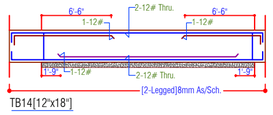

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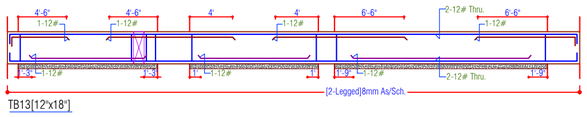

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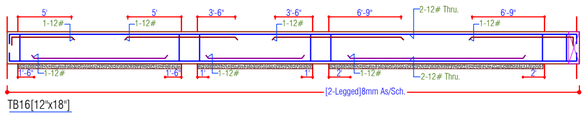

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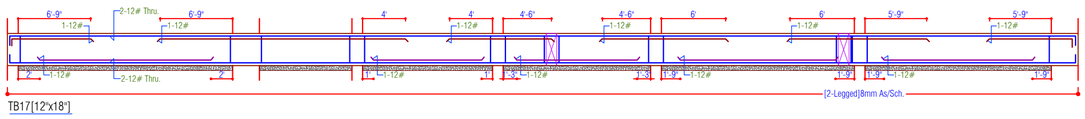

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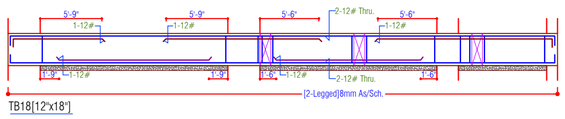

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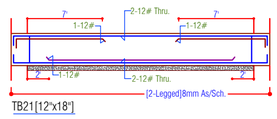

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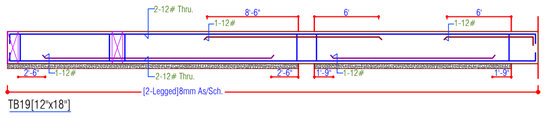

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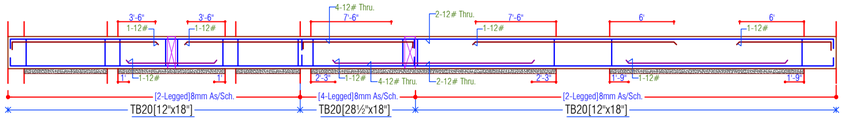

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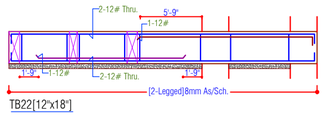

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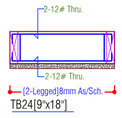

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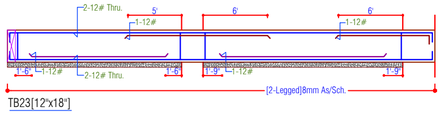

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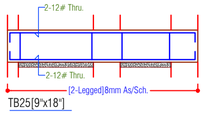

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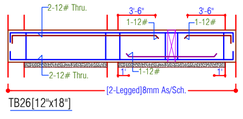

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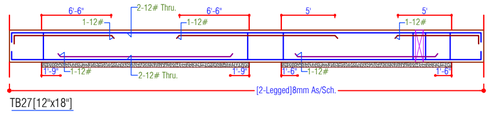

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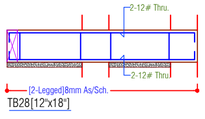

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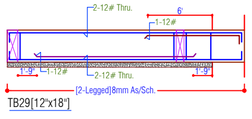

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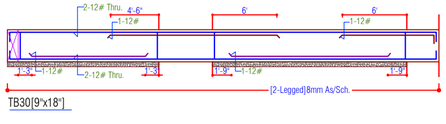

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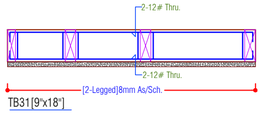

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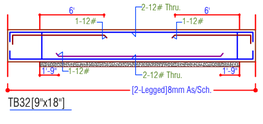

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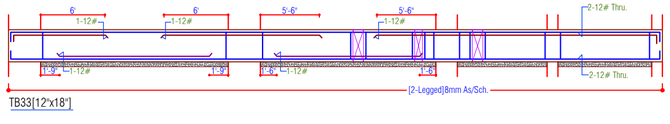

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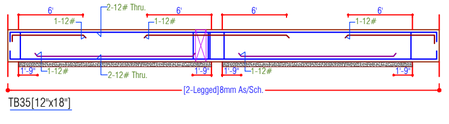

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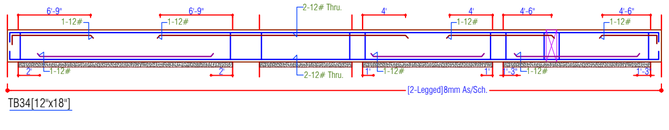

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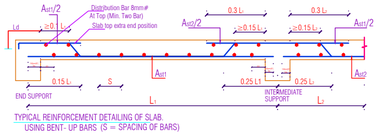
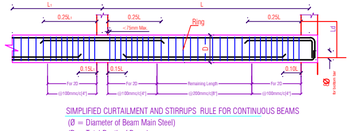


TYPICAL REINFORCEMENT DETAILING OF SLAB.
USING BENT- UP BARS (S = SPACING OF BARS)



SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS
(Ø = Diameter of Beam Main Steel)
(D = Total Depth of Beam)

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

Grade Of Concrete

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

Grade Of Reinforcement Steel

TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUCTION 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 CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST/SG/BSU-00

CONCRETE DETAILS

Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:
SHREE VINAYAK BUILDERS

ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (0)
Email:-info.spacegrid@gmail.com

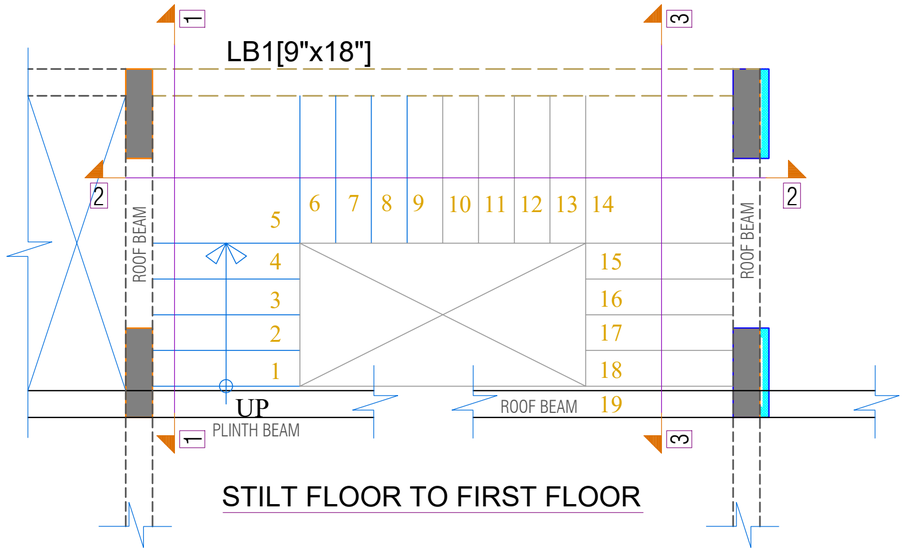
STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

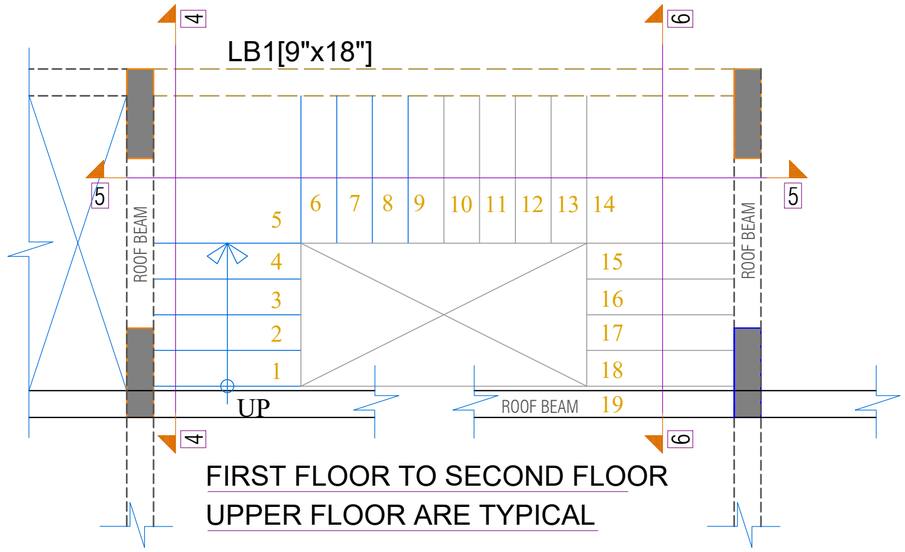
DRG. TITLE:-
PLINTH BEAM DETAIL

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-07
ASHOK KUMAR DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY
DATE 12/09/2024 PRINT ...../09/2024	JOB.NO.

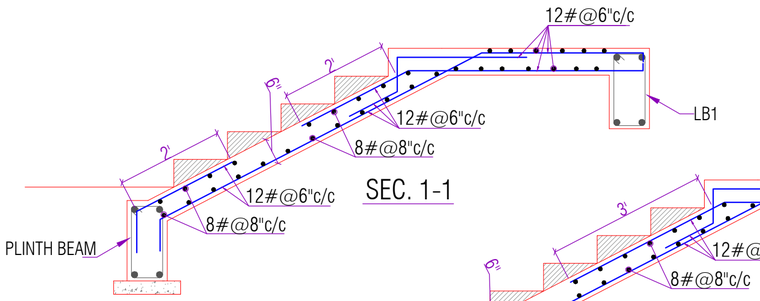
NORTH



STILT FLOOR TO FIRST FLOOR



FIRST FLOOR TO SECOND FLOOR
UPPER FLOOR ARE TYPICAL



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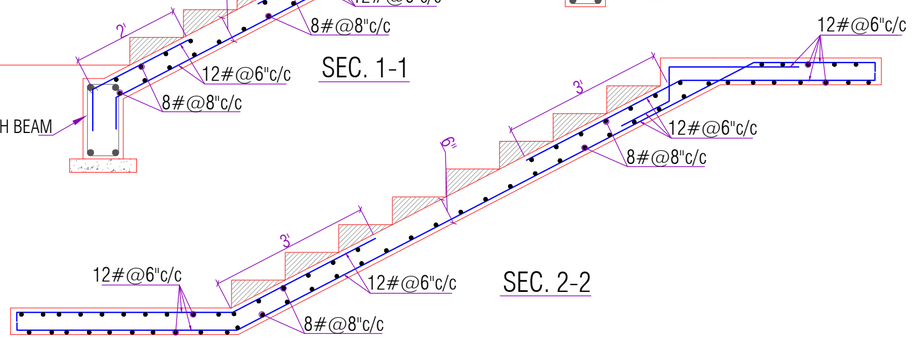

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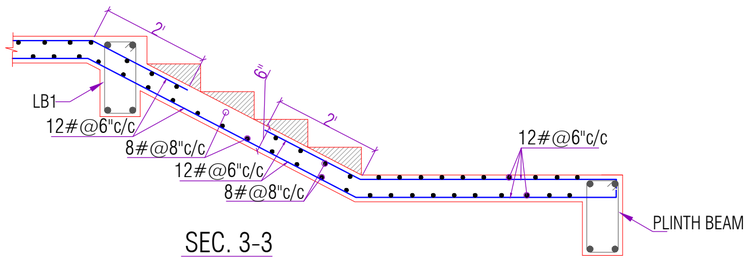

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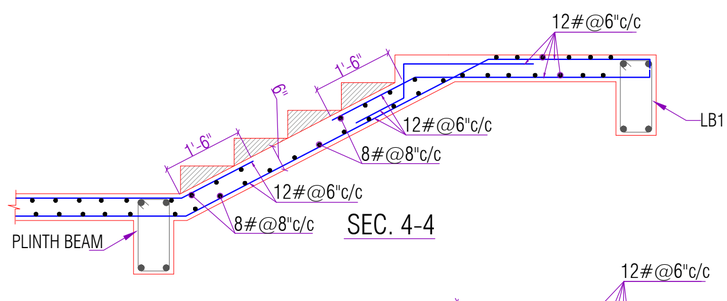

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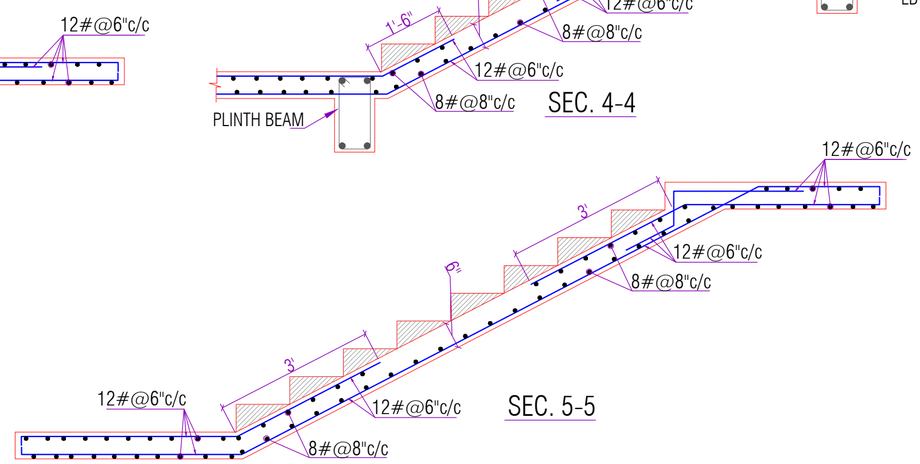

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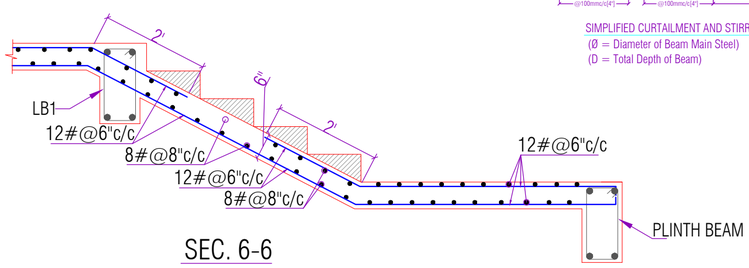

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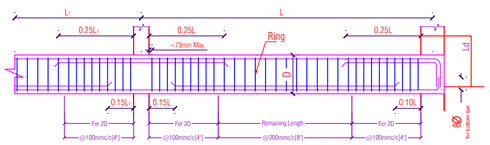
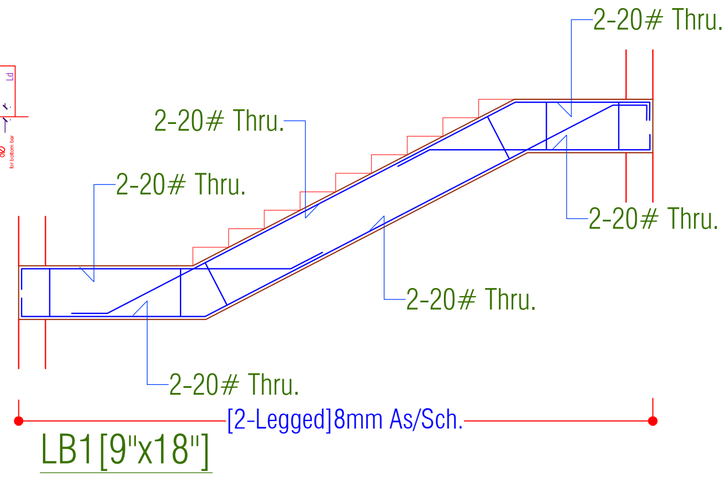
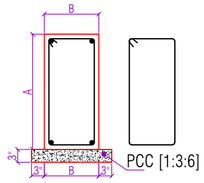


SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS
(Ø = Diameter of Beam Main Steel)
(D = Total Depth of Beam)



LB1[9"x18"]



2-Legged Ring

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

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

Grade Of Reinforcement Steel
TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUCTION 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 CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST/SG/BSU-00

CONCRETE DETAILS

Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:
SHREE VINAYAK BUILDERS

ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

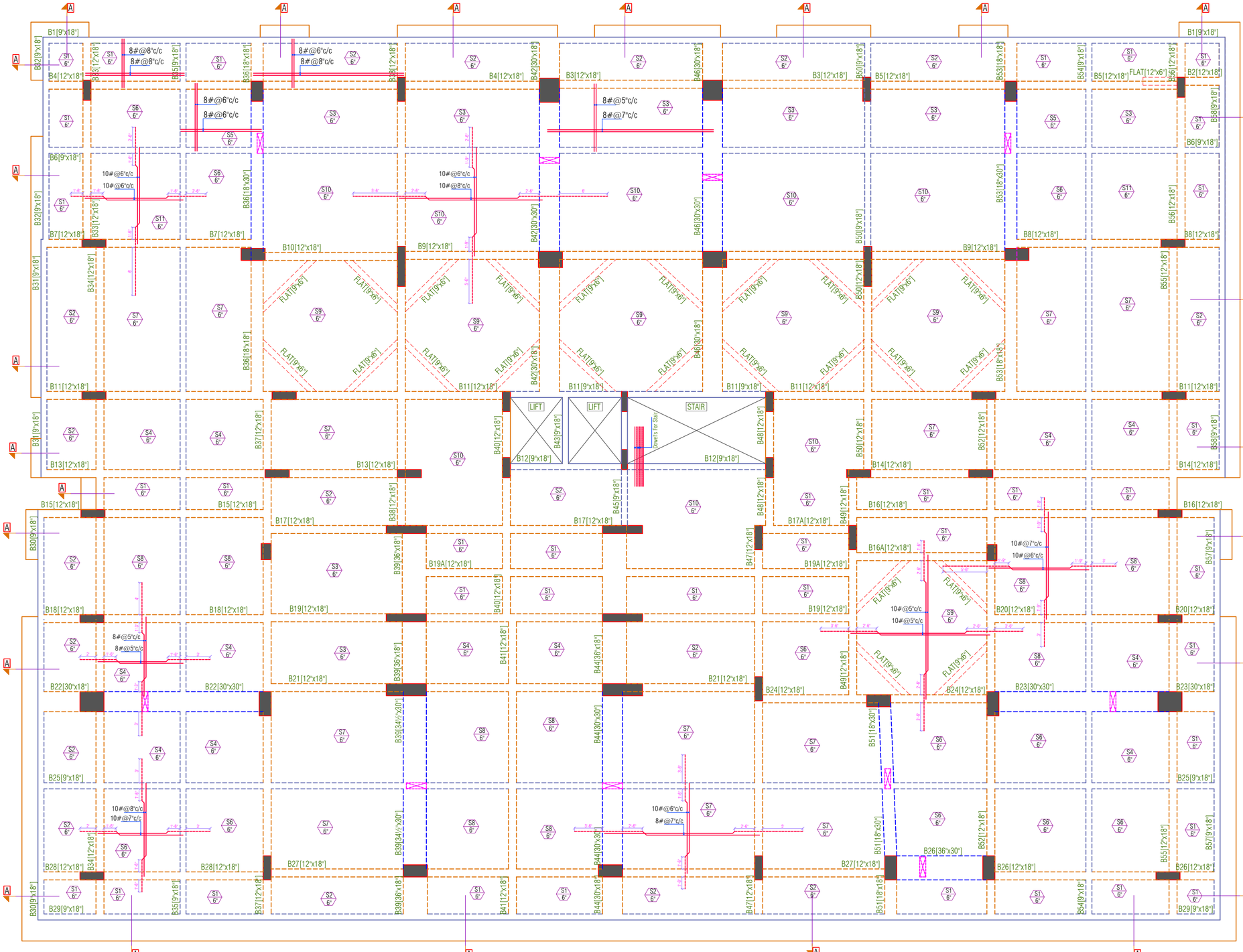
STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

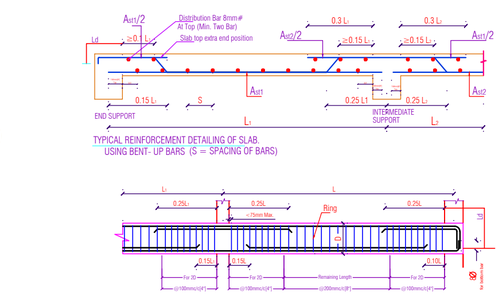
PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

DRG. TITLE:-
STAIR CASE DETAIL

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-08
DALIP JANGIR DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY
DATE 12/09/2024 PRINT ...../09/2024	JOB.NO.

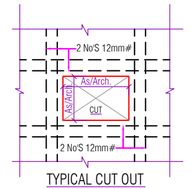
NORTH





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

SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS
(Ø = Diameter of Beam Main Steel)
(D = Total Depth of Beam)



TYPICAL CUT OUT DETAIL

Grade Of Concrete

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

Grade Of Reinforcement Steel

TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
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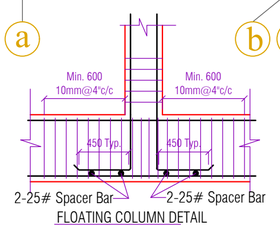
REINFORCEMENT DETAILS

Please Refer Drawing ST/SG/BSU-00

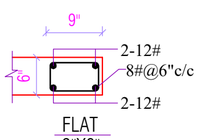
CONCRETE DETAILS

Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			



FLOATING COLUMN DETAIL



FLAT
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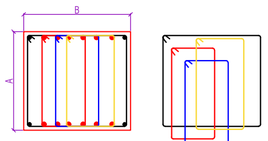
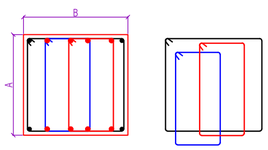
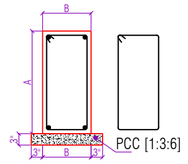


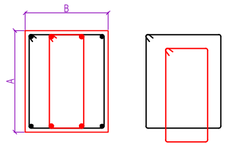
8-Legged Ring



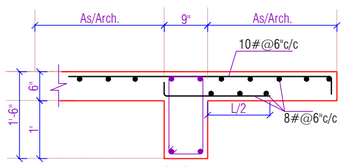
6-Legged Ring



2-Legged Ring



4-Legged Ring



SEC-A

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

CLINT:
SHREE VINAYAK BUILDERS

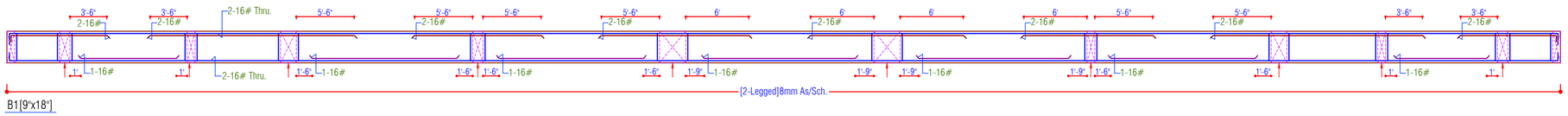
ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

DRG. TITLE:-
STILT FLOOR ROOF LAYOUT

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-09
SHANKAR DRAFT BY	MANISH GUPTA DESIGN BY.
MANISH GUPTA CHECK BY	MANISH GUPTA APPROVED BY
DATE 27/09/2024 PRINT ...../09/2024	JOB.NO.
NORTH	



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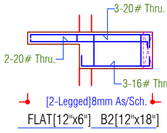
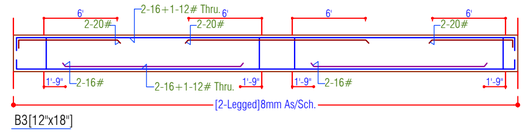


FLAT[12"x6"] B2[12"x18"]



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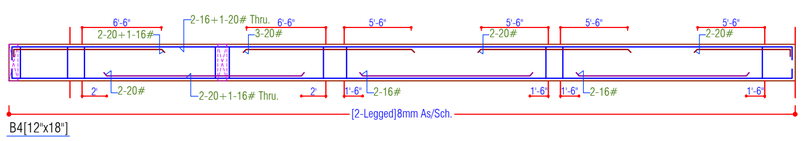

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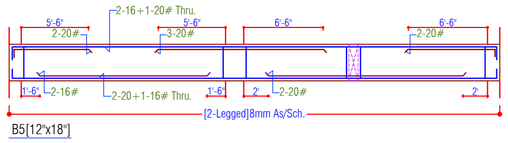

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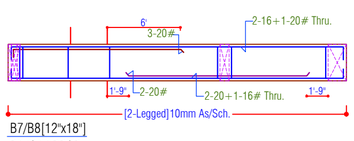
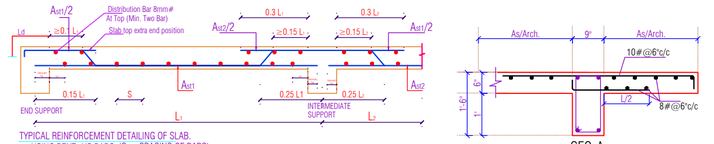
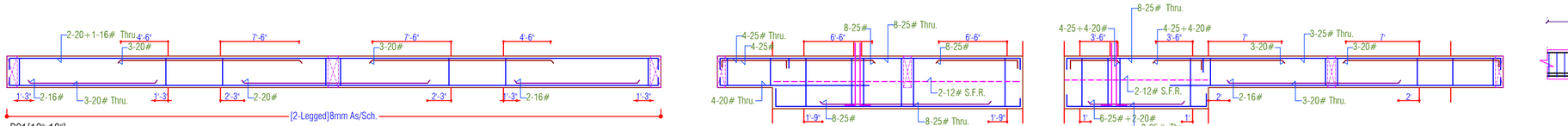


B7/B8[12"x18"]
B8 IS MIRROR





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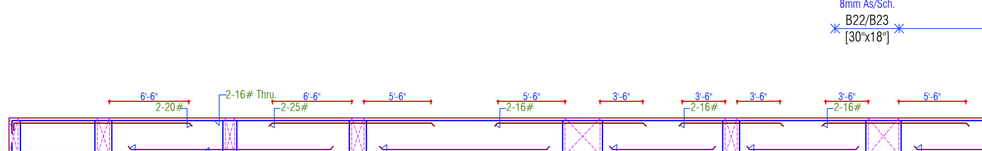
B10[12"x18"]



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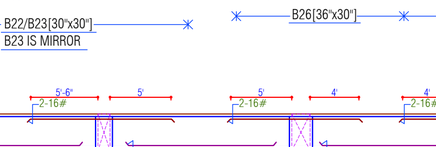

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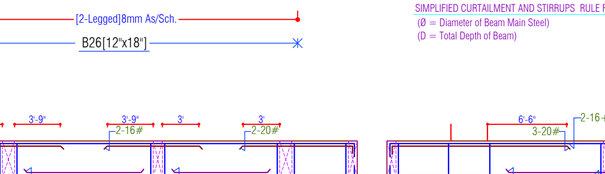

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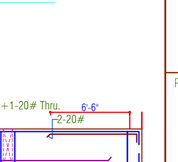
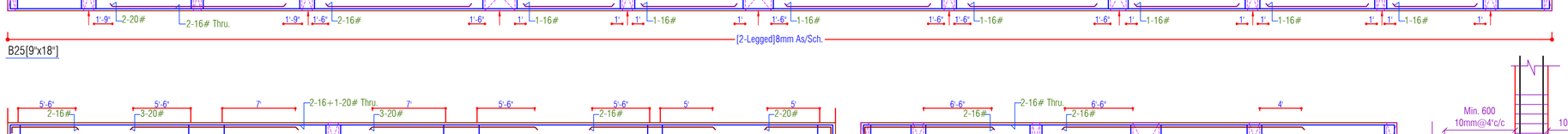
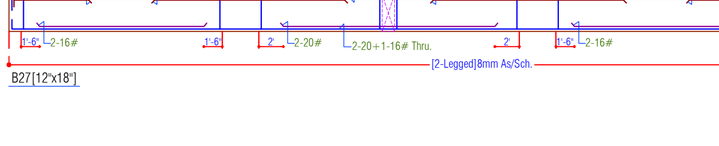




B11[12"x18"] B11[9"x18"] B11[12"x18"]

B15/B18[12"x18"]
B18 IS SAME

2-Legged Ring



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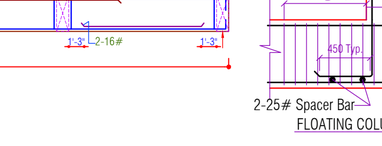
B16[12"x18"]



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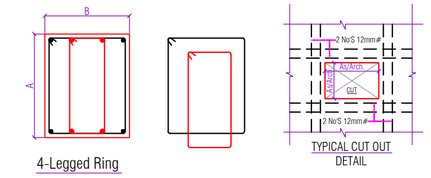
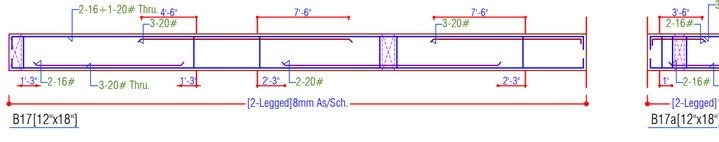


4-Legged Ring



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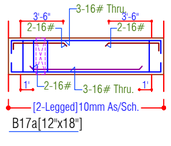

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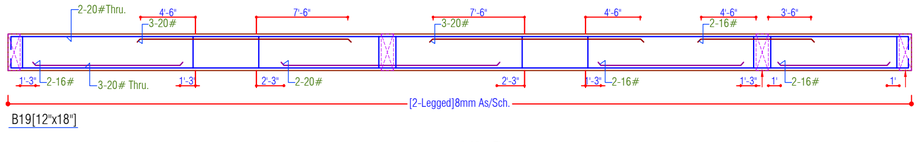

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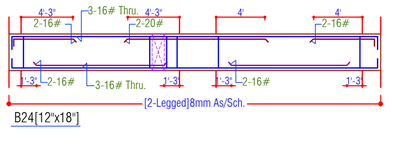
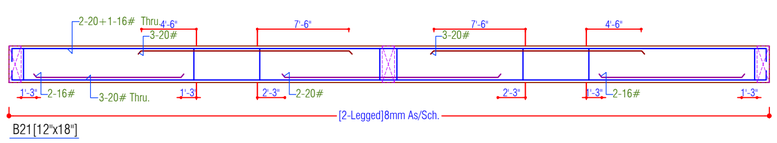
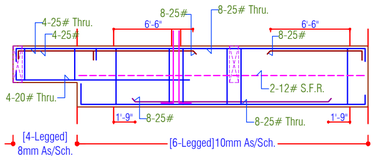


B24[12"x18"]



B21[12"x18"]



B22/B23
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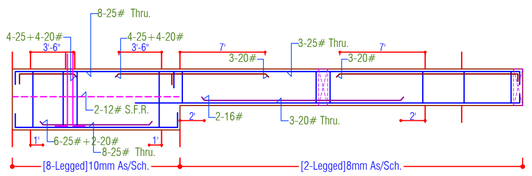
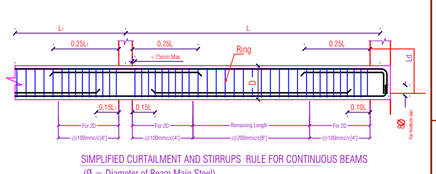
B22/B23[30"x30"]
B23 IS MIRROR



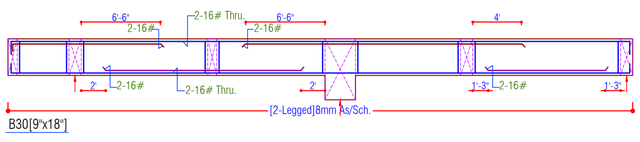
B26[36"x30"] B26[12"x18"]



B25[9"x18"]

B28[12"x18"]

B27[12"x18"]



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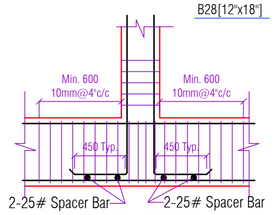


FLOATING COLUMN DETAIL

Grade Of Concrete

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

Grade Of Reinforcement Steel

TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUCTION 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/SG/BSU-00

CONCRETE DETAILS

Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:

SHREE VINAYAK BUILDERS

ARCHITECTS:-

SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (0)
Email:-info.spacegrid@gmail.com

STRUCTURAL CONSULTANTS:-

SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

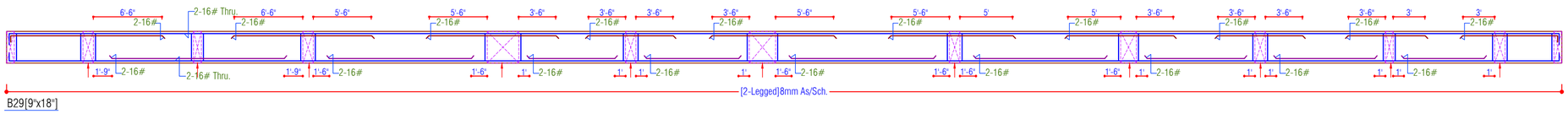
PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

DRG. TITLE:-

STILT FLOOR ROOF BEAM DETAIL

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-10
SHANKAR DRAFT BY	MANISH GUPTA DESIGN BY.
MANISH GUPTA CHECK BY	MANISH GUPTA APPROVED BY
DATE 27/09/2024 PRINT ...../09/2024	JOB.NO. / NORTH

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



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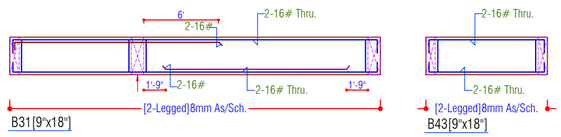
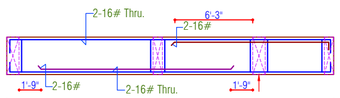
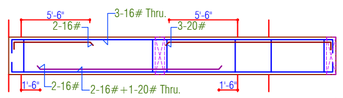


B31[9"x18"] B43[9"x18"]



B32[9"x18"]



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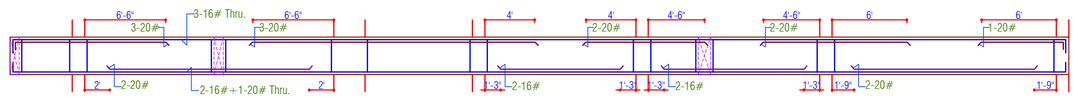

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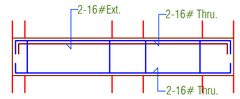
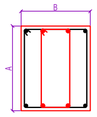
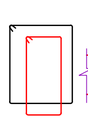
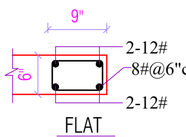


B45[9"x18"]

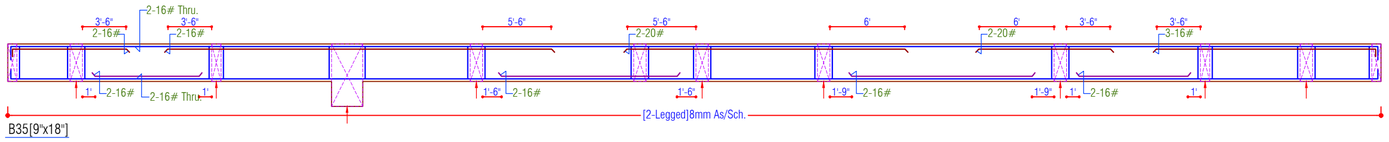


4-Legged Ring





FLAT
9"X6"



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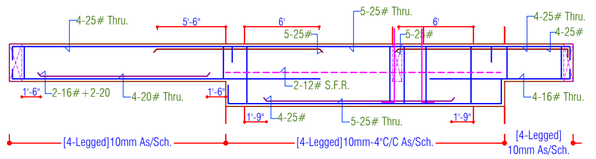
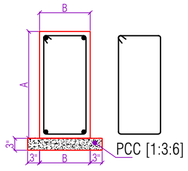
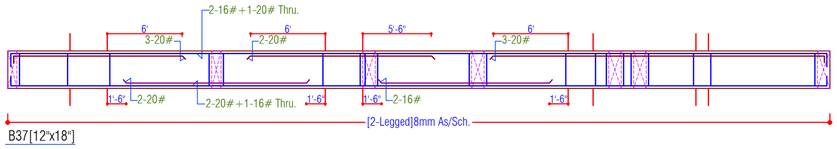


B36[18"x18"] B36[18"x30"] B36 [18"x18"]





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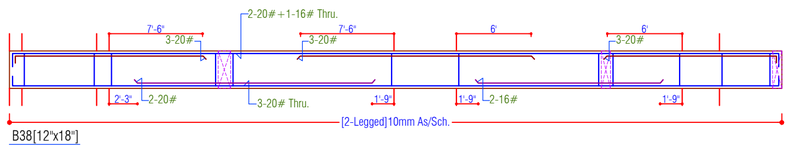

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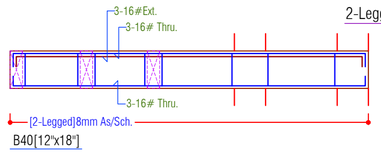
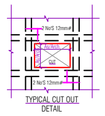
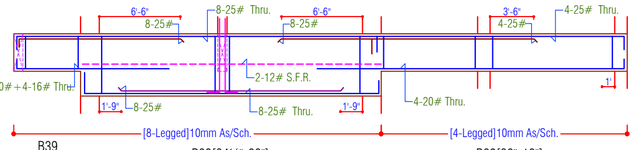


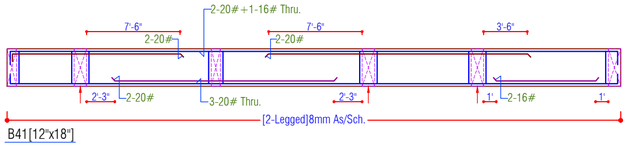
B40[12"x18"]

2-Legged Ring





B39 [36"x18"] B39[34½"x30"] B39[36"x18"]



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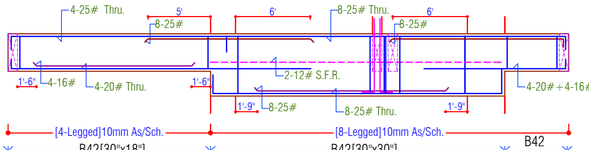
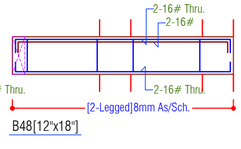


B42[30"x18"] B42[30"x30"] B42 [30"x18"]



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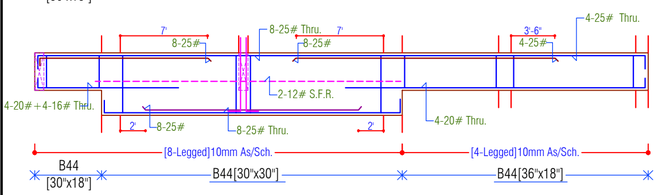

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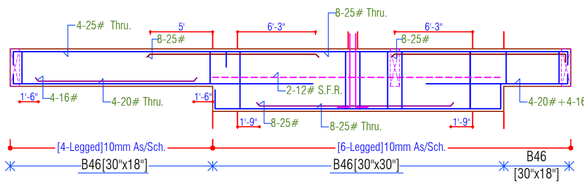
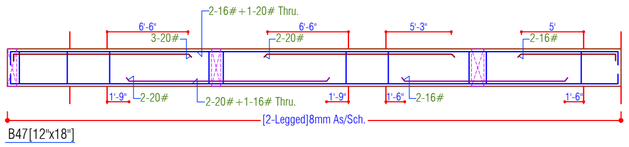


B46[30"x18"] B46[30"x30"] B46 [30"x18"]



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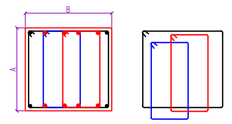
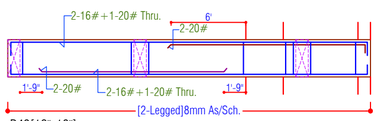


6-Legged Ring



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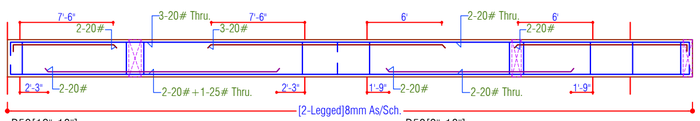

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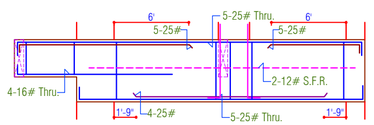
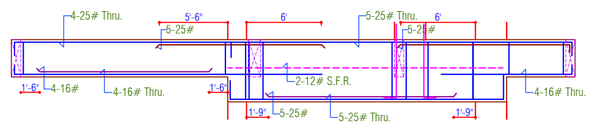
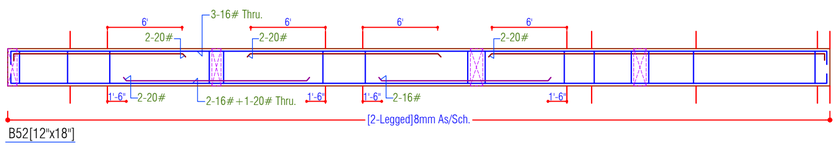


B51 [18"x18"] B51[18"x30"]



B53[18"x18"] B53[18"x30"] B53 [18"x18"]



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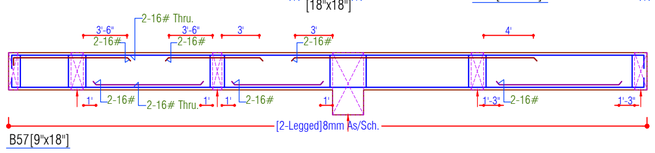

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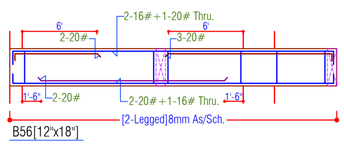

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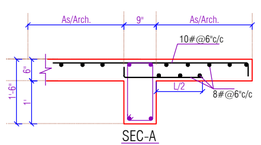
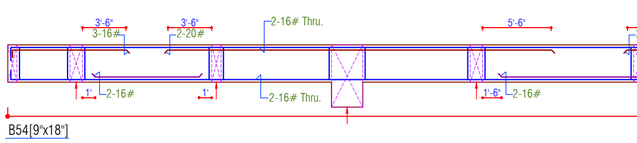


SEC-A



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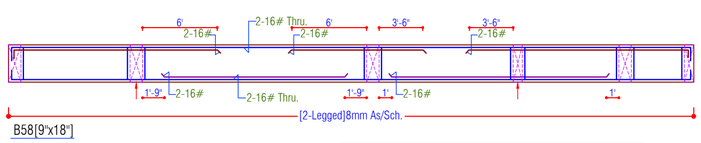

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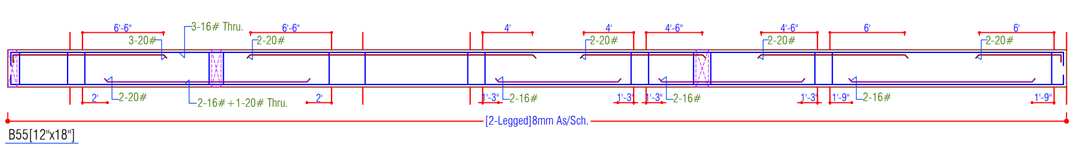

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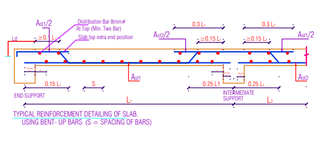
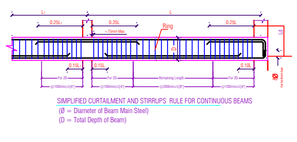
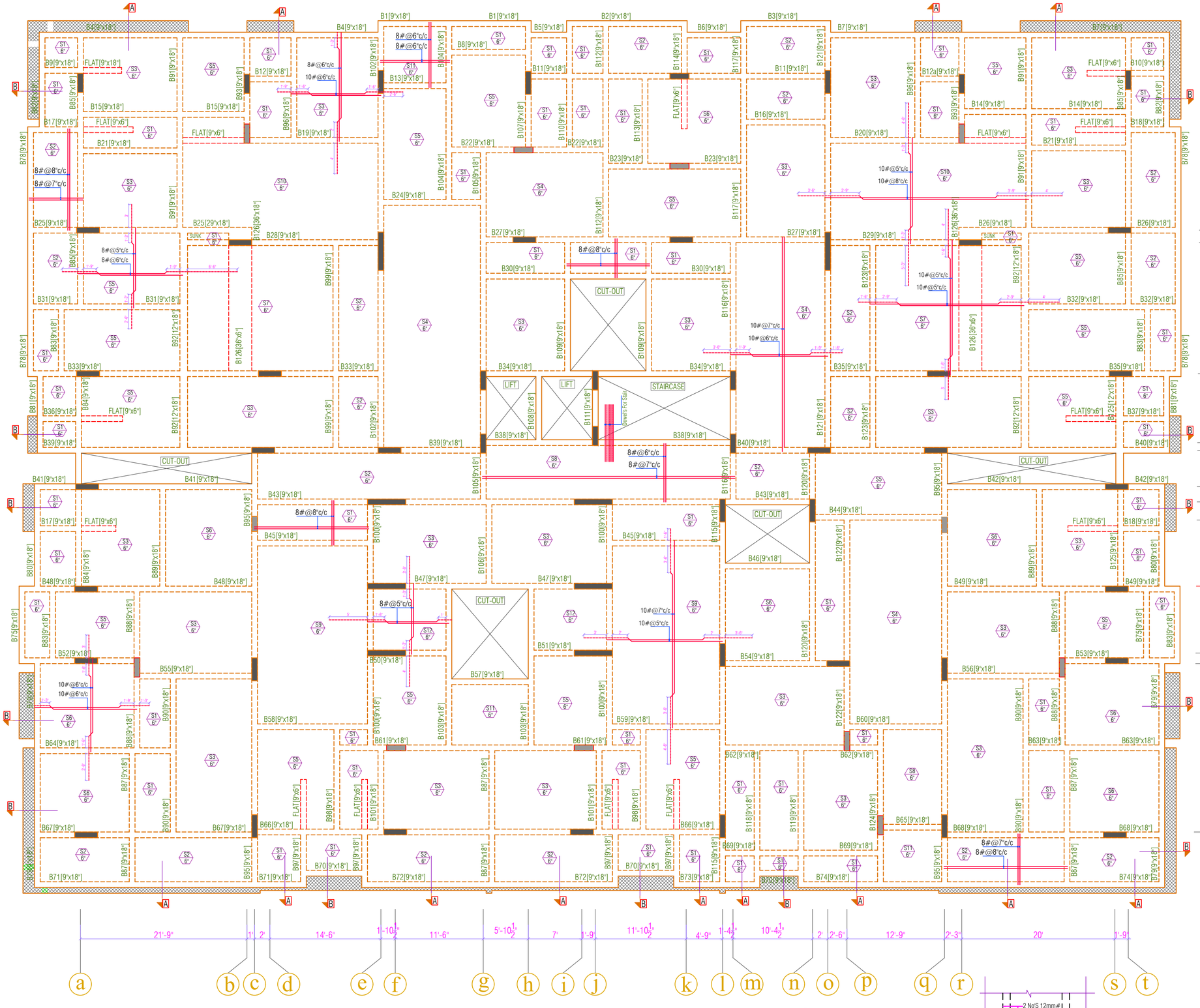
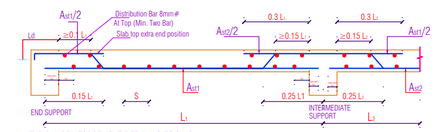


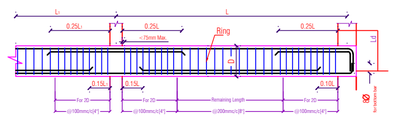
TYPICAL REINFORCEMENT DETAILING OF SLAB USING BENT- UP BARS (S = SPACING OF BARS)


L
0.2L
0.2L
L
Ring
0.2L
0.2L
0.2L

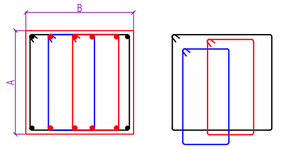




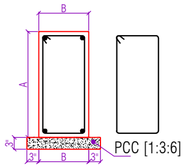
TYPICAL REINFORCEMENT DETAILING OF SLAB.
USING BENT- UP BARS (S = SPACING OF BARS)



SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS
(Ø = Diameter of Beam Main Steel)
(D = Total Depth of Beam)

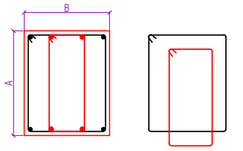


6-Legged Ring



PCC [1:3:6]

2-Legged Ring



4-Legged Ring

Grade Of Concrete

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

Grade Of Reinforcement Steel

TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUCTION 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/SG/BSU-00

CONCRETE DETAILS

Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R.1			
R.2			
R.3			
R.4			

CLINT:

SHREE VINAYAK BUILDERS

ARCHITECTS:-

SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (0)
Email:-info.spacegrid@gmail.com

STRUCTURAL CONSULTANTS:-

SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

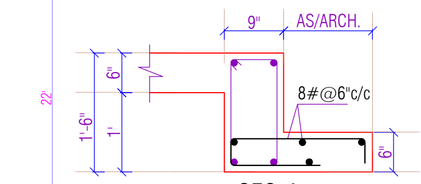
PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

DRG. TITLE:- (1st To 5th Floor)

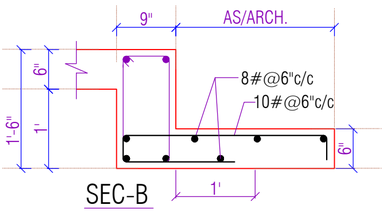
TYPICAL FLOOR ROOF LAYOUT

SCALE	DRG. NO.
SBC= 10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-12
SHANKAR DRAFT BY	MANISH GUPTA DESIGN BY.
MANISH GUPTA CHECK BY	MANISH GUPTA APPROVED BY
DATE 18/10/2024 PRINT ...../09/2024	JOB.NO.

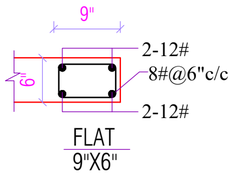
NORTH



SEC-A



SEC-B



FLAT
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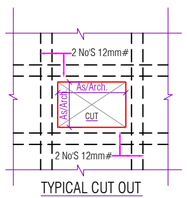
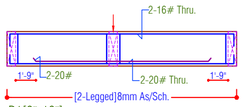


TYPICAL CUT OUT
DETAIL

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



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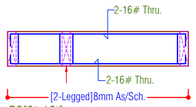

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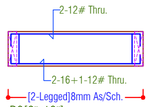

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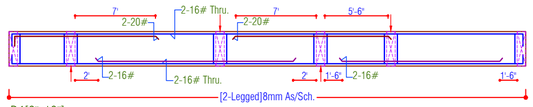

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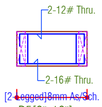

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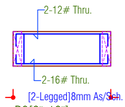

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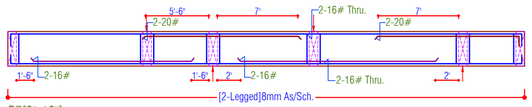

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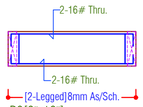

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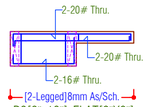

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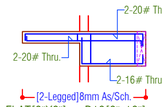

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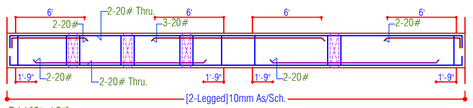

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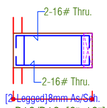

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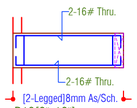

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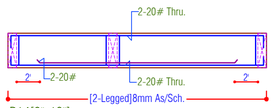

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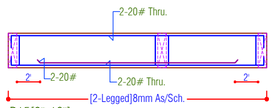

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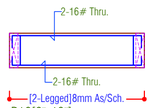

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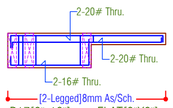

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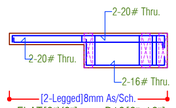

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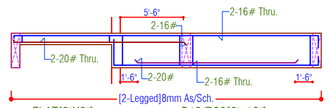

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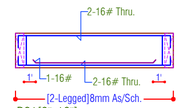

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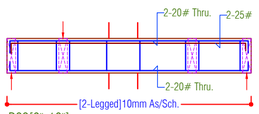

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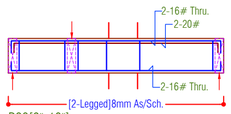

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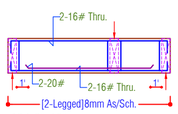

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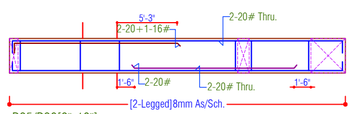

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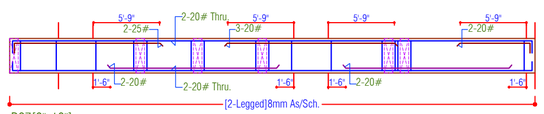

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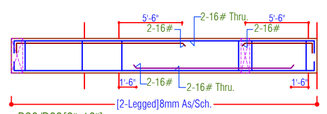

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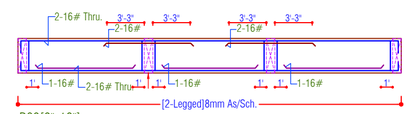

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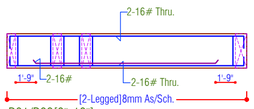

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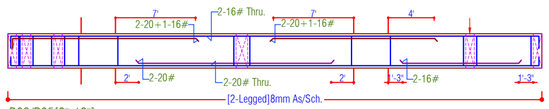

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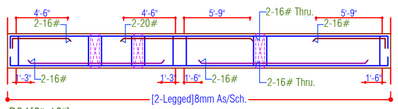

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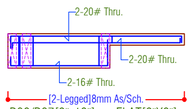

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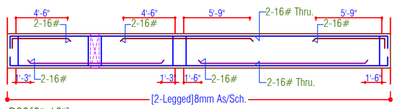

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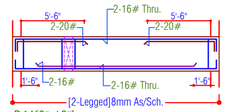

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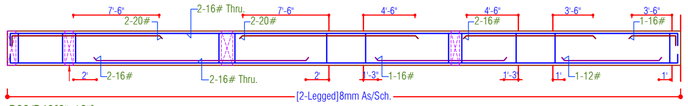

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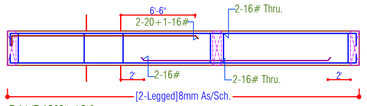

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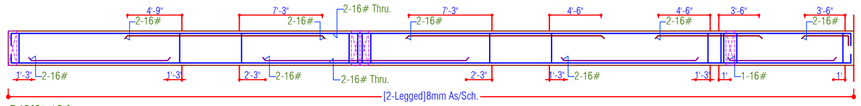

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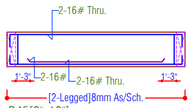

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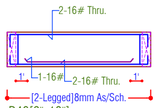

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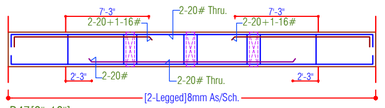

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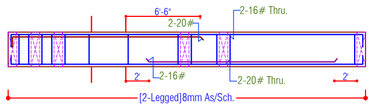

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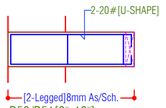

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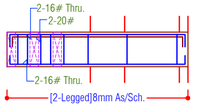

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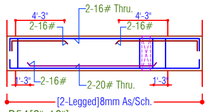

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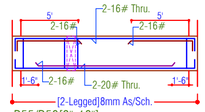

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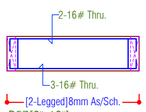

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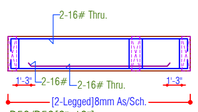

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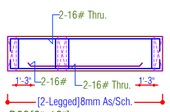

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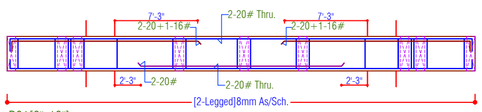

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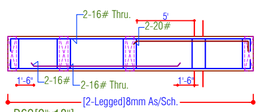

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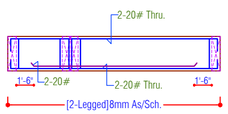

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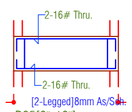

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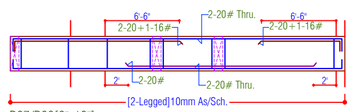

B67/B68[9"x18"]
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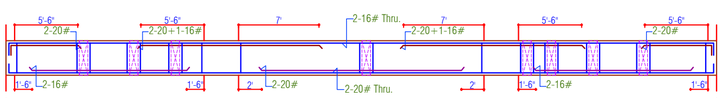

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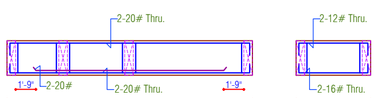

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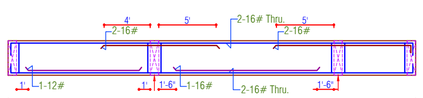
B70[9"x18"]



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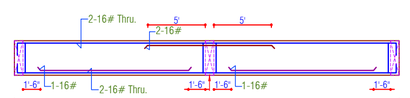

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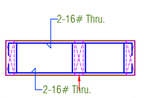

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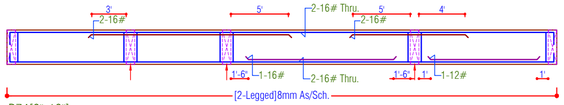

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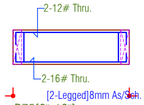

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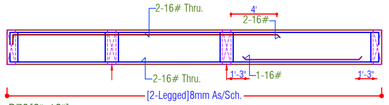

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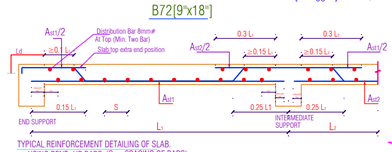
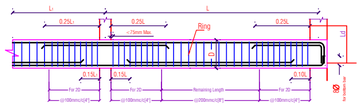


TYPICAL REINFORCEMENT DETAILING OF SLAB.
USING BENT- UP BARS (S = SPACING OF BARS)



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/Pedustal= M25
For Stair Case= M25
For Column/Lift Wall= M25
For Beam & Slab= M25

Grade Of Reinforcement Steel
TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUCTION 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/SG/BSU-00
CONCRETE DETAILS
Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:
SHREE VINAYAK BUILDERS

ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

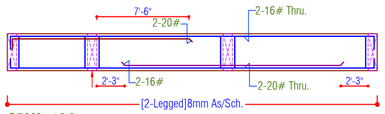
STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

DRG. TITLE:- (1st To 5th Floor)
TYPICAL FLOOR ROOF BEAM DETAIL

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST-SG-BSU-13
ROHIT DRAFT BY	MANISH GUPTA DESIGN BY.
MANISH GUPTA CHECK BY	MANISH GUPTA APPROVED BY
DATE 18/10/2024 PRINT ...../10/2024	JOB.NO. / NORTH

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



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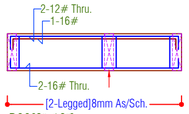

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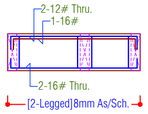

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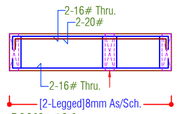

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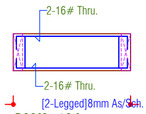

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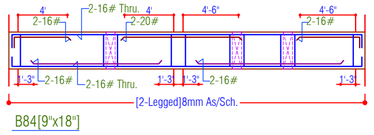

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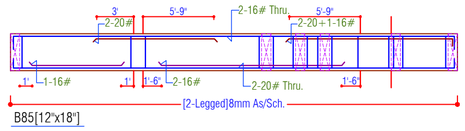

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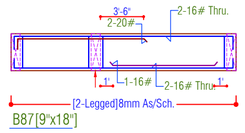

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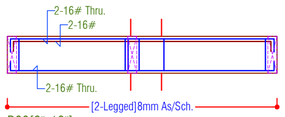

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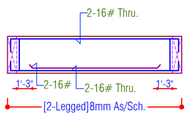

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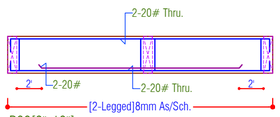

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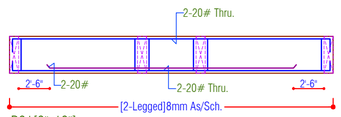

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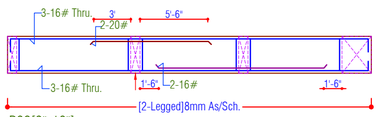

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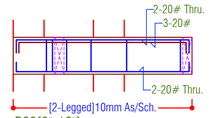

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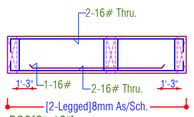

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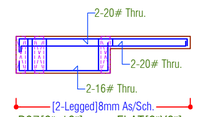

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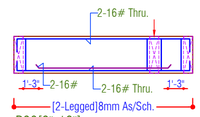
FLAT[9"X6"]



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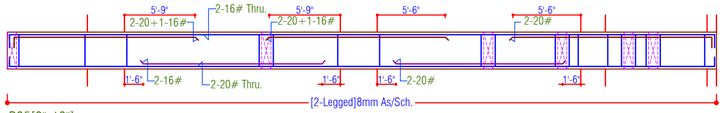

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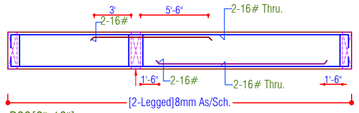

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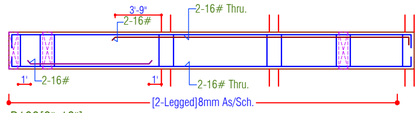

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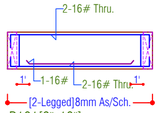

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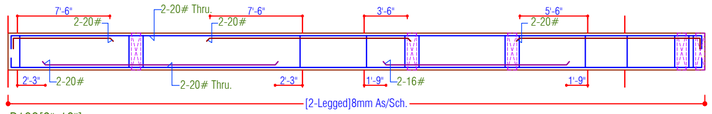

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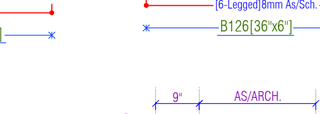

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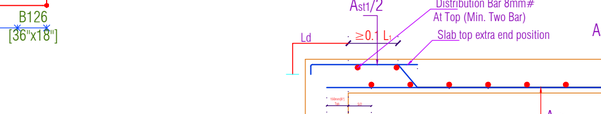

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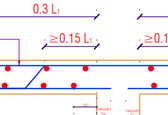

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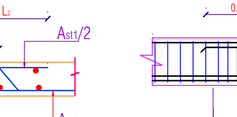

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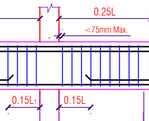

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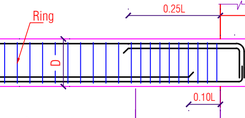

B109[9"x18"]

B110[9"x18"]

B111[9"x18"]

B112[9"x18"]

B113[9"x18"]

FLAT[9"X6"]

B114[9"x18"]

B115[9"x18"]

B116[9"x18"]

B117[9"x18"]

B118/B119[9"x18"]
B119 IS SAME

B120[9"x18"]

TYPICAL CUT OUT DETAIL

2-Legged Ring

B121[9"x18"]

B122[9"x18"]

B123[9"x18"]

6-Legged Ring

B125[9"x18"] B125[12"x18"]

B126[36"x6"] B126 [36"x18"]

SEC-A

SEC-B

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

SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS
(Ø = Diameter of Beam Main Steel)
(D = Total Depth of Beam)

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

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

Grade Of Reinforcement Steel
TMT Bar Fe 550D

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUCTION 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 CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS
Please Refer Drawing ST/SG/BSU-00

CONCRETE DETAILS
Please Refer Drawing ST/SG/BSU-00

REV.	DATE	DESCRIPTION	REMARK
R.1			
R.2			
R.3			
R.4			

CLINT:
SHREE VINAYAK BUILDERS

ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36,BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

PROJECT TITLE:- NAKSHATRA
PROPOSED RESIDENTIAL BUILDING AT KHASRA NO. 398/10 AT VILLAGE MOHANPURA, TEHSIL- SANGANER, JAIPUR,

DRG. TITLE:- (1st To 5th Floor)
TYPICAL FLOOR ROOF BEAM DETAIL

SCALE	DRG. NO.
SBC= 10 MT/Sq.M@1.5M Designed For= S+6	ST-SG-BSU-14
ROHIT DRAFT BY	MANISH GUPTA DESIGN BY.
MANISH GUPTA CHECK BY	MANISH GUPTA APPROVED BY
DATE 18/10/2024 PRINT ...../10/2024	JOB.NO. / NORTH