

1. Contractor to check and verify all dimensions before execution of the work.
2. All dimensions are given Meter/Millimeter unless other specifically 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 drawings any discrepancy between them observed shall be brought to the notice of the Engineer/Architect for clarification.
6. Any variation between the details given in the structure grid and tropical grid, 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.
9. The SBC has been taken as 12MT/Sq.m at a depth of 4.2 Meter Below Natural Ground level.
10. 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 structure.
11. Lean concrete of 100 mm thick specified to min thickness (unless other weight specified or shown in DRG) shall always be provided under foundation of all RCC /masonry structure.
12. Unless other weight mentioned (limits over opening/ joints/niches shall be provide as per typical DRG of limits and changes).
13. RCC limit band of 100 mm thick black block shall be provided continuously at limit level (2.1 m above FF) under sl no. 11 above and where height of solid wall exceeds 2.4 M
14. Water used for mixing and curing of concrete work shall conform to quality criteria specified in IS : 456- 2000
15. Unless other weight specified the structural concrete shall be 25 for all structural members (design mix concrete conforming to the acceptance criteria given in IS- 456- 2000)
16. 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, construction, wind, vibration, impact, fluid pressure etc.)
17. 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.
18. Aggregate to be used in structural concrete shall be crushed/screen stone as coarse aggregates, river/PT/ sand/ stone dust as fine aggregates conforming to grading and other quality criteria as specified in IS : 383
19. Strength of hollow blocks/solid blocks shall not be less than 35 kg/cm2 and 45 kg/cm2 respectively
20. All plinth beams shall be cast over 6" FC. 1:4.5 with width of beam plus 6" wide where ever directly resting on fully compacted earth.
21. All existing walls and wall below plinth level shall be constructed with solids blocks
22. Wall shall be constructed over PB as shown in the drawing where PB is not available, wall shall rest over dwarf wall/ Foundation.
23. The missing details, if any in structural DRG but technically required based on sound engineering principle, must followed and read in conjunction with relevant drawing.
24. In beams, wherever reinforcement bars are provide in two or more layers, space bars of 25# @ 104 c/c shall be provide between the reinforcement layers.
25. Clear 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 concrete.
26. Clear cover to all reinforcement shall be as under:

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

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 manufacturers instructions.
28. For any other details not shown / indicated on DRG. Shall be as per IS 456:2000.
- IS 9103 : 2016

20 All reinforcement shall be terminated with straight length or L shape unless other wise specified.

21 The horizontal distance between two parallel main reinforcement bars shall not be less than dia of the larger bar or 5 mm more than nominal size of the bars, whichever is greater.

22 The horizontal distance between two parallel top reinforcement bars shall not be less than dia of the larger bar or 5 mm more than nominal size of the bars, whichever is greater.

23 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 entire span between center line of supports.

24 In beam/ lintel, first stirrups shall be at the center of span and subsequent ones at the spacing indicated in the DRGS

25 Temperature reinforcement (distribution steel in slab where not shown in drawing shall be 12% (top) / 10% (bottom) of main reinforcement)

26 Unless other wise specified # 8 @ 300 c/c shall be provided as binders in top portion of slab reinforcement and parallel to support.

27 Positive reinforcement in shorter distance in middle span region for all beams shall be provided as follows

28 Min 3 nos # 8 mm ϕ diagonal bars shall be provided at the corners of freely supported or not continuous edges of slab

29 Unless other wise specified side reinforcement shall be provided for all beams of depth exceeding 750 mm as per IS - 456-2000, or as shown in drawing

30 Anchorage length – all RCC structure elements (column, cantilevered, beams & slab) shall have their main reinforcement suitable anchored to provide the full development length (49 d for tension & 39 d for compression for M25 mix concrete & FE 500D)

31 For full development length (49 d for tension & 39 d for compression for M25 mix concrete & FE 500D)

32 For full development length (49 d for tension & 39 d for compression for M30 mix concrete & FE 500D)

33 No laps shall be provided in the high stress zones listed below:

34 a. Middle 1/3 span of slabs/ beams in case of positive reinforcement.

35 b. 0.5 L span from the supports in case of beams/ slabs for negative reinforcement.

36 c. 25% of the supports / junction in case of longitudinal reinforcement for column.

37 d. More than 40% bars shall be lapped at any one section.

38 e. Laps shall be staggered with min distance equal to 1.3 times the lap length between two lap section.

39 Lap length – unless specified, lap length shall be provided for all bars less than 36 mm dia than more than 36 mm dia shall be welded)

	Tension	Compression
a) Tor steel (M25 & FE500D)	49 d	39 d
b) Tor steel (M30 & FE500D)	46 d	37 d
c) When bars of different dia are to be spliced lap length shall be calculated on basis of smaller dia.		
d) Splice of bars in columns shall be avoided as far as possible. Where inescapable laps shall be provided after interval of two stories.		

40 For floor and rafter slabs, chair supports shall be provided to maintain vertical spacing between top and bottom reinforcement bar.

41 3 x 10 or 2 x 12 or 2 bars shall be longitudinally provided in the RCC floor slab where partition/ panel walls are supported on them.

42 Top reinforcement bars shall be held up by chairs/ spacers and shall be consolidated and fixed to the reinforcement bars.

43 In pashed construction vertical reinforcement of columns (dowels) shall be extended (&) below slab min 50 times the bars with at least 10% bars extending up to 100 times the dia of the bars unless otherwise specified.

44 Top of all construction slabs shall be kept at the same level as the similar soffits of all adjoining cantilevered projection shall be at the same level.

45 **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

TYPICAL COLUMN PLAN

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

SECTIONAL VIEW

PLAN

[FOR COLUMN IN RAFT]

TYPICAL COLUMN PLAN

SECTIONAL VIEW

PLAN

[FOR COLUMN]

TYPICAL COLUMN PLAN

TYPICAL COLUMN PLAN

TYPICAL COLUMN PLAN

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TYPICAL COLUMN PLAN

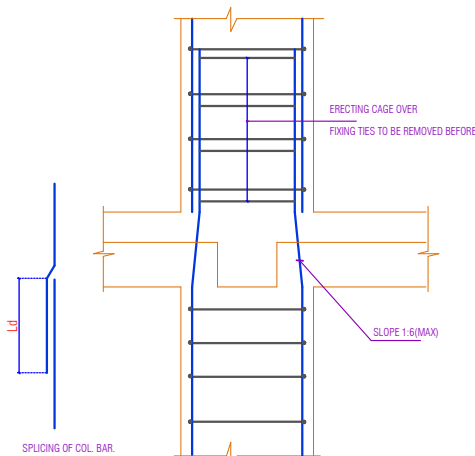
TYPICAL COLUMN PLAN

TYPICAL COLUMN PLAN

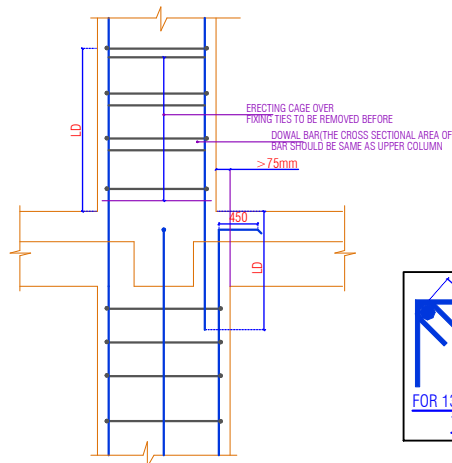
TYPICAL COLUMN PLAN

TYPICAL COLUMN PLAN

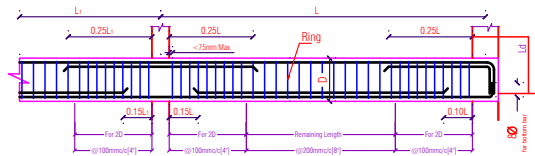
TYPICAL COLUMN PLAN



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

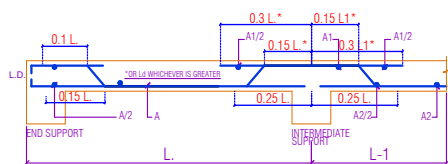


48. SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS

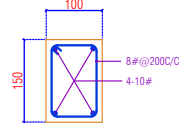


SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS
 ($\emptyset$ = Diameter of Beam Main Steel)
 (D = Total Depth of Beam)

49. TYPICAL REINFORCEMENT DETAILING OF SLAB.



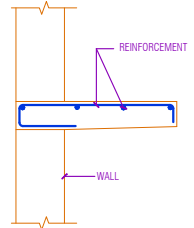
52. R.C.C. BAND FOR HALF BRICK WALL.
IN CASE OF 125TH. WALLS EXCEEDING 2000 IN HEIGHT R.C.C BAND SHALL BE PROVIDED AT EVERY 2000 INTERVAL AS SHOWN IN THE FIGURE THE BEARING OF R.C.C. BAND SHALL BE EQUAL TO THE WIDTH OF THE ADJOINING WALL



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 along the junction of RCC slab and masonry wall (internal)
3. Concreting 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 applying neat 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

1. The cantilever for supporting the over hang of cantilever beam slabs should be retaining under sufficient counter weight over the bearing has been attained by building masswork or otherwise.
2. The shoring for cantilever slab / beam should be removed starting from the over hang edge.
3. 1m case of canopies with cantilever beam the centring for the canopy slab in between the beam shall be removed first.
4. Stripping time for concrete shall be as under if C/P is used.
 - a) Vertical 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 8 M span. 14 days
 - e) Beams & arches above 8 M span. 21 days
5. In case of P/P C/SB - stripping time to be added.
6. In case of form work has to re-entrant angles from the work shall be removed as soon as possible after concrete has set to avoid shrinkage cracking.

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



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

Grade Of Reinforcement Steel
TMT Bar Fe 550D

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 CONJUNCTION WITH RELEVANT ARCHITECTURAL, AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW TOP OF BEAM/SLAB AND GAP FILLED WITH CE-MENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST-5G-GCS-00

CONCRETE DETAILS

Please Refer Drawing ST-5G-GCS-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT: J B CONSTRUCTION

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

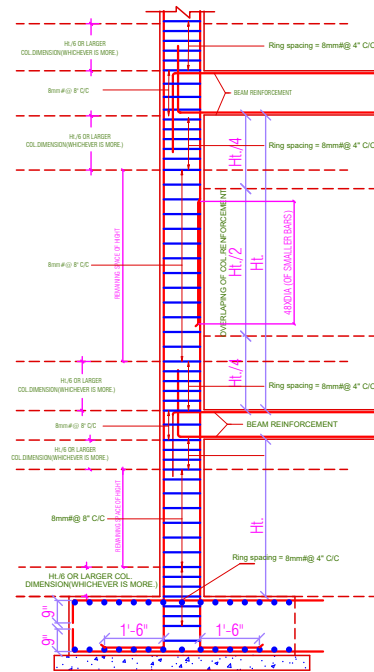
A-36, BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

PROJECT TITLE:- JB PRIME
PROPOSED RESIDENTIAL BUILDING AT
KHASRA NO.- 2534/760 & 2537/2479 IN
VILLAGE- SIRSI, JAIPUR

DRG. TITLE:—

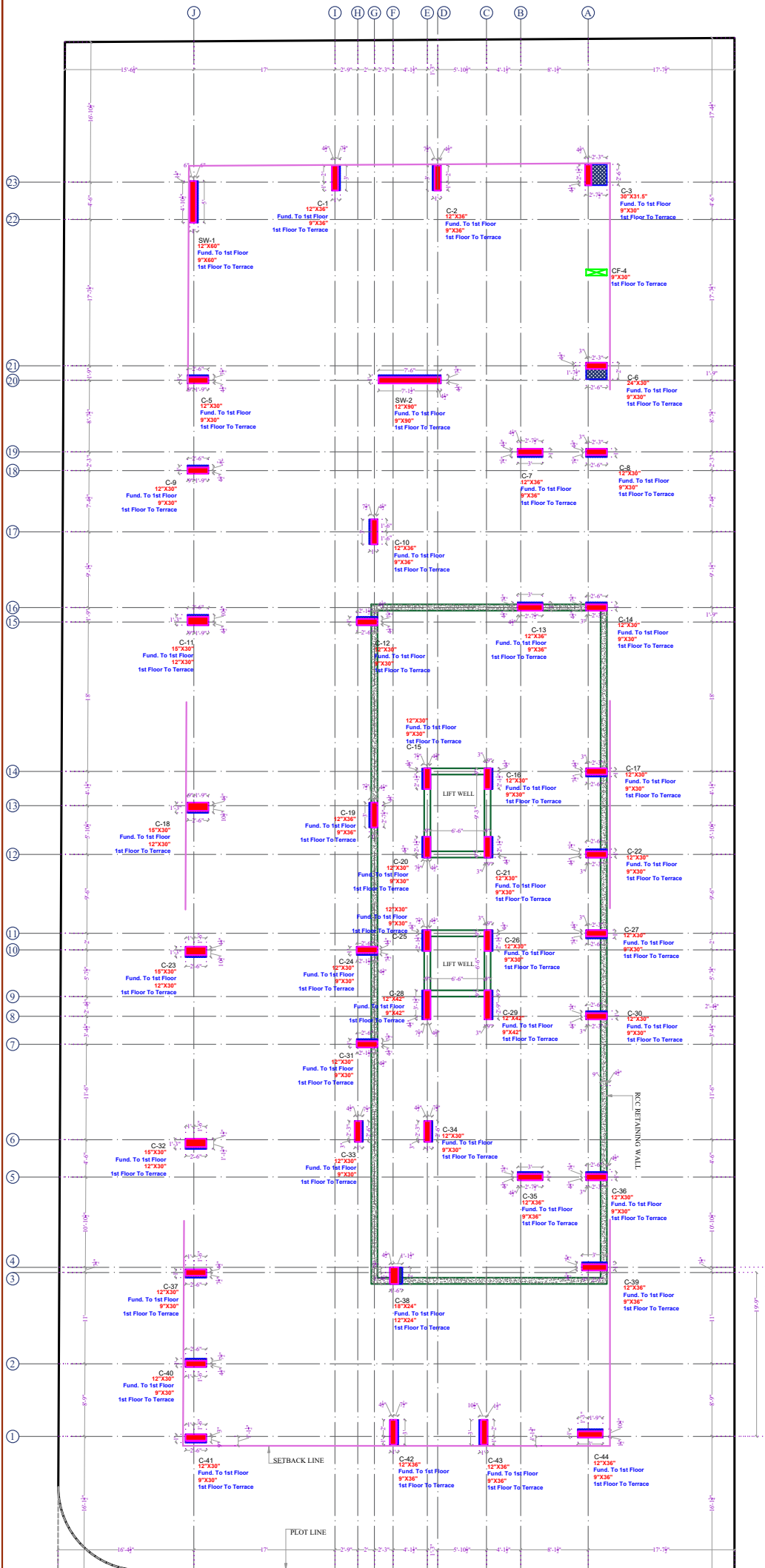
GENERAL SHEET

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JAGDISH SAINI DRAFT BY	RAHUL SHARMA DESIGN BY,	
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY	
DATE 02/01/2025	JOB.NO.	NORTH
PRINT/01/2025		



TYPICAL DETAIL "A" OF RING
SPACING IN COLUMN





Grade Of Concrete
For Foundation/Raft/Pedestal = 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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2. DO NOT SCALE THIS DRAWING WRITTEN DIMENSION ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST-SG-GCS-00

CONCRETE DETAILS

Please Refer Drawing ST-SG-GCS-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLIENT:

J B CONSTRUCTION

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

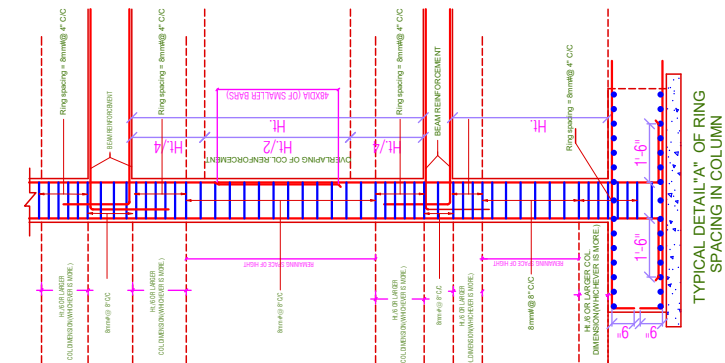
A-36, BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219, 0141-2297076

PROJECT TITLE:- **JB PRIME**
PROPOSED RESIDENTIAL BUILDING AT
KHASRA NO.- 2534/760 & 2537/2479 IN
VILLAGE- SIRSI, JAIPUR

DRG. TITLE:-
FOUNDATION LAYOUT

SCALE	DRG. NO.
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JAGDISH SAINI DRAFT BY	RAHUL SHARMA DESIGN BY
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY
DATE 02/01/2025 PRINT/01/2025	JOB.NO. NORTH

COLUMN	C-1/C-2/C-42/C-43.	C-3.	CF-4.	C-5/C-8/C-9/C-22/C-27/C-37/ C-40.	C-6.	C-7/C-13/C-35.	C-10/C-19.	C-11/C-18/C-23/C-32.	C-12/C-24/C-31/C-33/C-34.	C-14/C-17.	C-15/C-16/C-20/C-21/C-25. C-26.	C-28/C-29.	C-30/C-36.
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)													



TYPICAL DETAIL "A" OF RING
SPACING IN COLUMN

GENERAL NOTES:-

1. ALL DIMENSION AND LEVEL ARE IN INCH & FEET.
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3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCRIPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST-SG-GCS-00

CONCRETE DETAILS

Please Refer Drawing ST-SG-GCS-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:

J B CONSTRUCTION

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,
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 E-mail: sg_structures@gmail.com
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PROJECT TITLE:- **JB PRIME**
 PROPOSED RESIDENTIAL BUILDING AT
 KHASRA NO.- 2534/760 & 2537/2479 IN
 VILLAGE- SIRSI, JAIPUR

DRG. TITLE:-

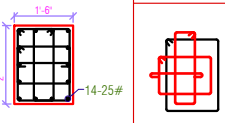
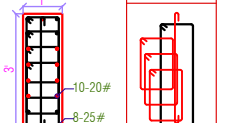
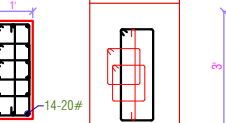
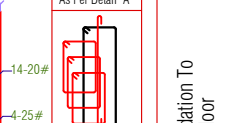
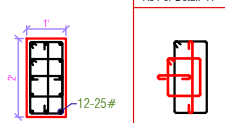
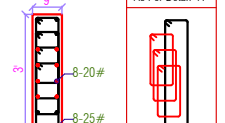
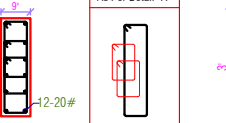
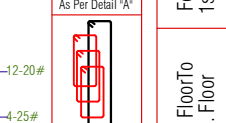
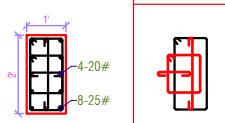
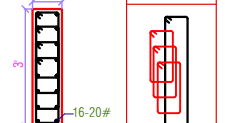
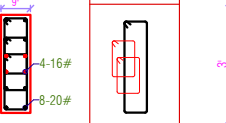
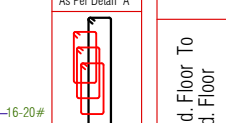
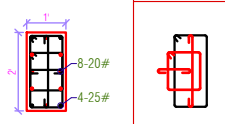
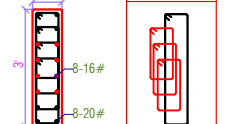
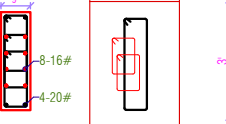
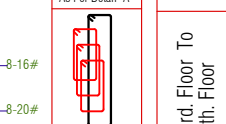
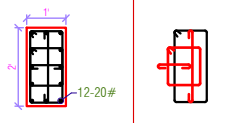
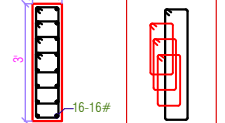
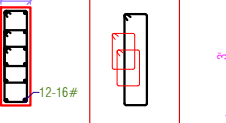
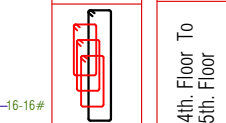
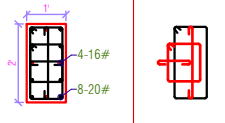
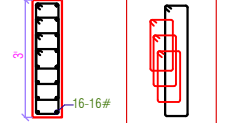
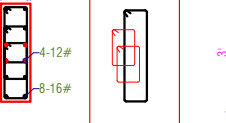
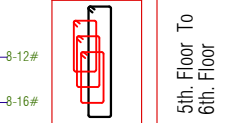
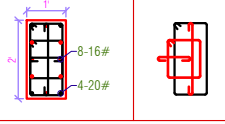
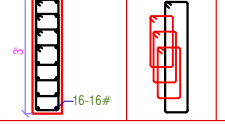
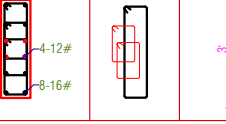
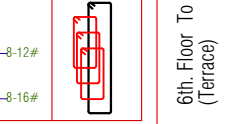
COLUMN SCHEDULE ST 01 OF 02

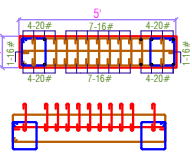
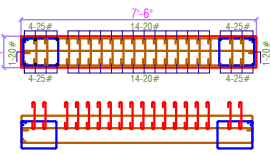
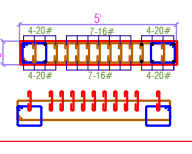
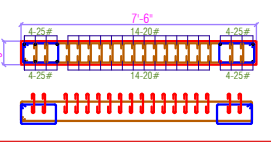
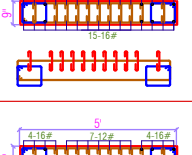
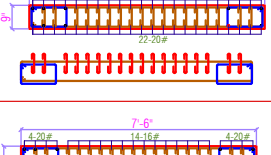
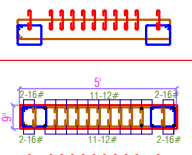
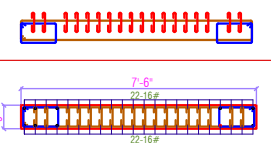
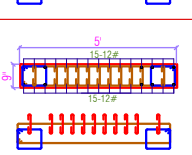
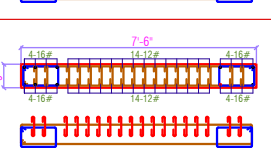
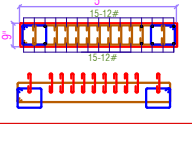
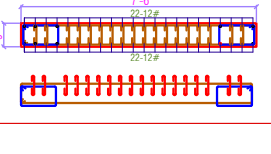
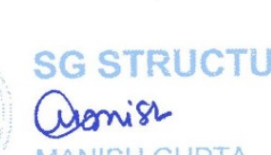
SCALE	DRG. NO.
SBC=12 MT/Sq.M@4.2M Designed For=B+S+G	ST-SG-GCS-02
ASHOK KUMAR DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY

DATE 24/12/2024 PRINT/12/2024	JOB.NO.	NORTH
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Grade Of Concrete
 For Foundation/Raft/Pedestal = M25
 For Stair Case= M25
 For Column/Lift Wall = M25
 For Beam & Slab = M25

Grade Of Reinforcement Steel
 TMT Bar Fe 550D

COLUMN	C-38.		C-39.		C-41.		C-44.	
Foundation To 1st. Floor		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"
2nd. Floor To 3rd. Floor		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"
4th. Floor To 5th. Floor		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"
6th. Floor To (Terrace)		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"

WALL	SW-1.	SW-2.
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)		

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

Grade Of Reinforcement Steel
TMT Bar Fe 550D

GENERAL NOTES:-

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

REINFORCEMENT DETAILS

Please Refer Drawing ST-SG-GCS-00

CONCRETE DETAILS

Please Refer Drawing ST-SG-GCS-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:

J B CONSTRUCTION

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:-

JB PRIME

PROPOSED RESIDENTIAL BUILDING AT
KHASRA NO.- 2534/760 & 2537/2479 IN
VILLAGE- SIRSI, JAIPUR

DRG. TITLE:-

COLUMN SCHEDULE ST 02 OF 02

SCALE	DRG. NO.
SBC=12 MT/Sq.M@4.2M Designed For=B+S+6	ST-SG-GCS-03
JAGDISH SAINI DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY
DATE 02/01/2025 PRINT/01/2025	JOB.NO. NORTH



HATCH LEGENDS :-

LIFT PIT	
SHEAR PIN	
PEDESTAL	
EARTH FILLING	
TOP EXTRA R/F	

Grade Of Concrete

For Foundation/Raft/Pedestal = 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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4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST-SG-GCS-00

CONCRETE DETAILS

Please Refer Drawing ST-SG-GCS-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLIENT:

J B CONSTRUCTION

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

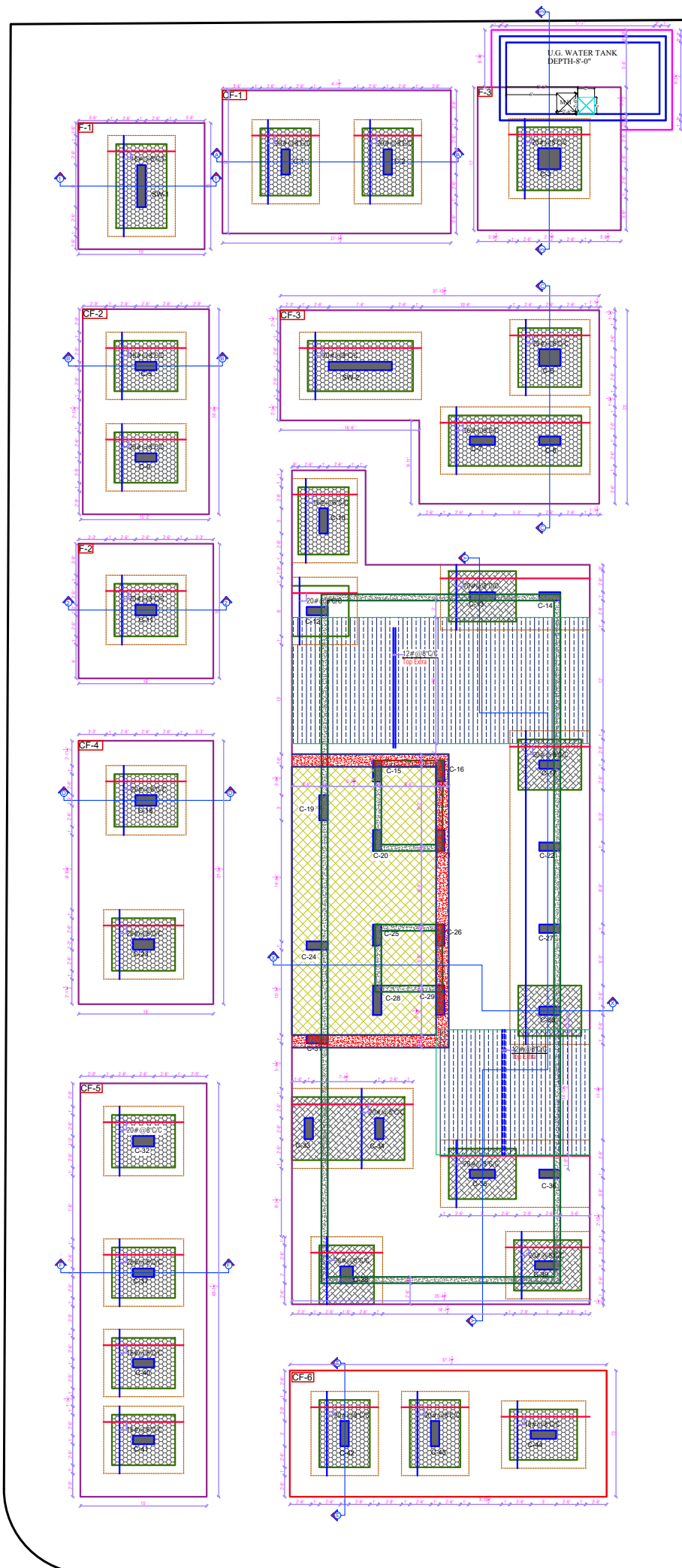
STRUCTURAL CONSULTANTS:-

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:- **JB PRIME**
PROPOSED RESIDENTIAL BUILDING AT
KHASRA NO.- 2534/760 & 2537/2479 IN
VILLAGE- SIRSI, JAIPUR

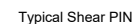
DRG. TITLE:-
FOUNDATION LAYOUT

SCALE	DRG. NO.
SBC=12 MT/Sq.M@4.2M Designed For=B+S+6	ST-SG-GCS-04
JAGDISH SAINI DRAFT BY	RAHUL SHARMA DESIGN BY.
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY
DATE 02/01/2025 PRINT/01/2025	JOB.NO. NORTH





12mm#@4"c/c Shear PIN



Grade Of Concrete
For Foundation/Raft/Pedestal = 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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4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST-SG-GCS-00

CONCRETE DETAILS

Please Refer Drawing ST 66 CC6 00

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

CUNT:

J B CONSTRUCTION

ARCHITECTS:



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:-

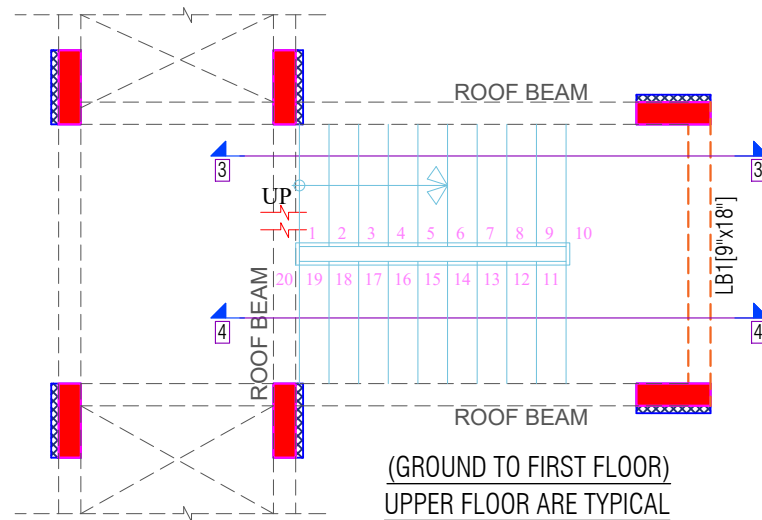


SG STRUCTURES
A-36, BASEMENT, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg_structures@gmail.com
Tel: 09772202219, 0141-2297076

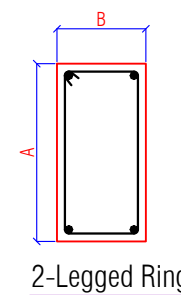
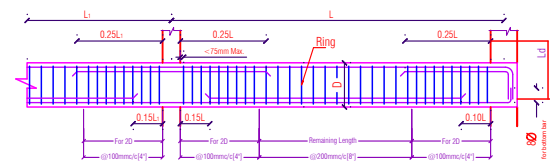
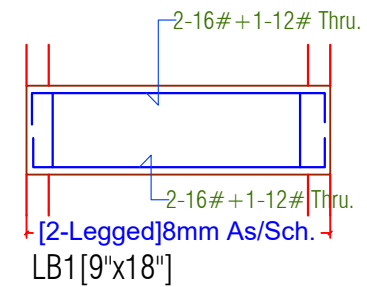
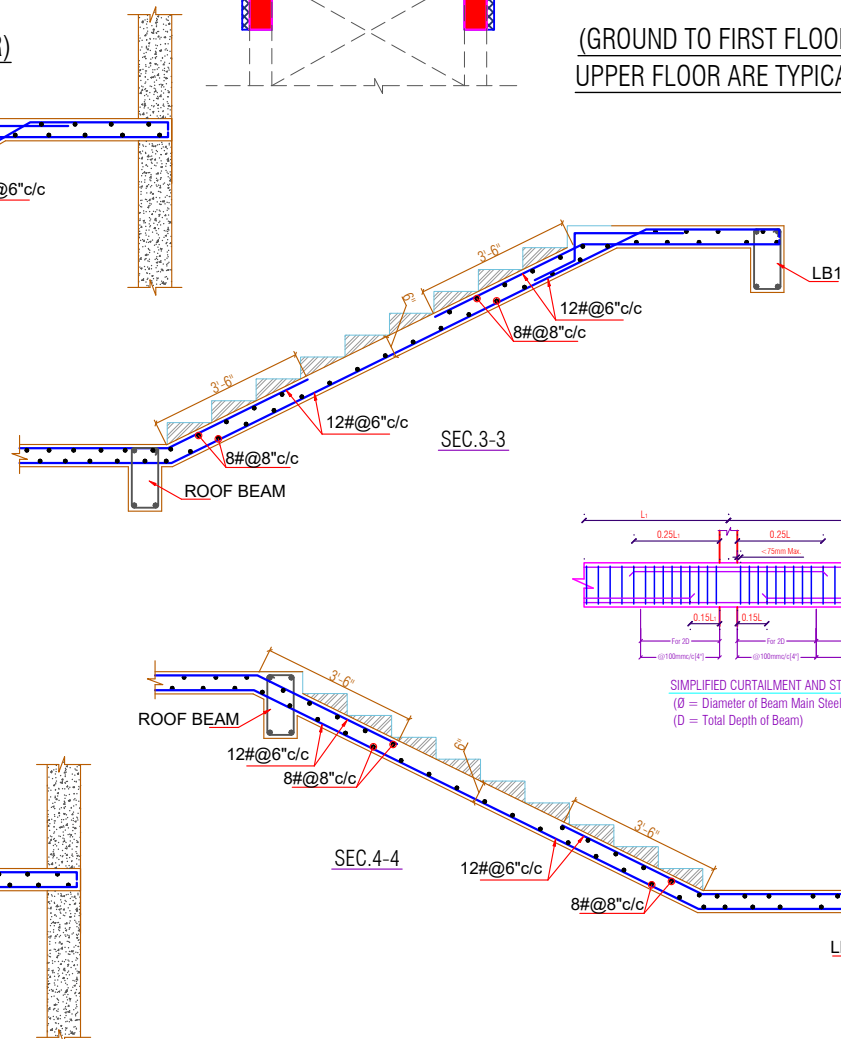
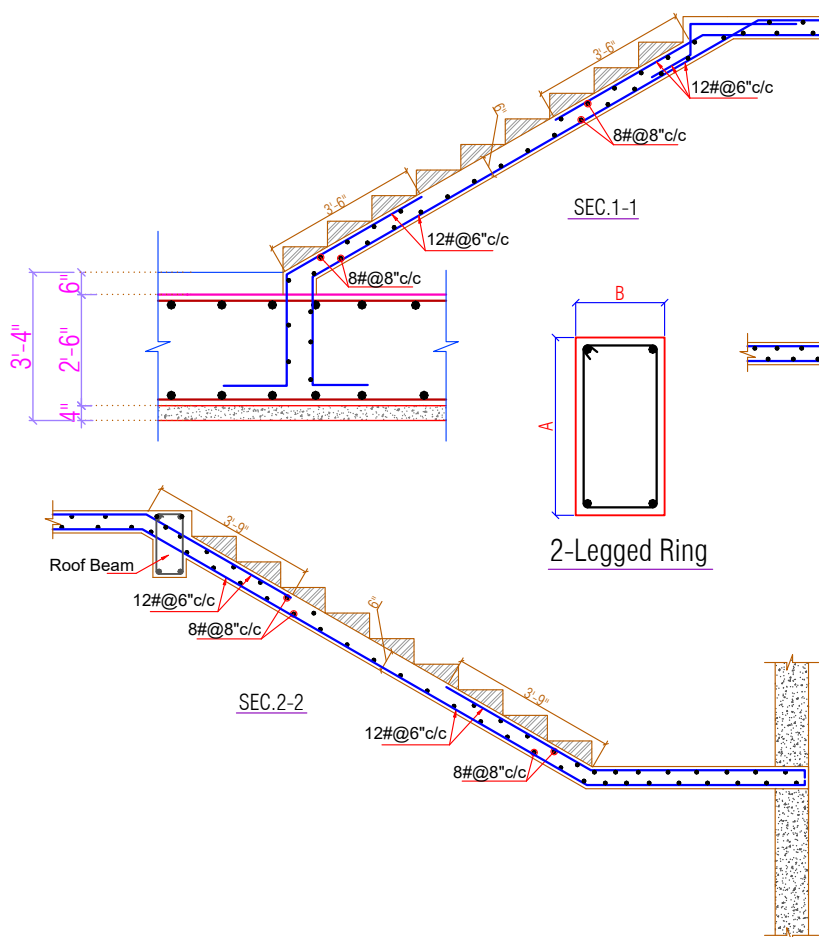
PROJECT TITLE:- JB PRIME
PROPOSED RESIDENTIAL BUILDING AT
KHASRA NO.- 2534/760 & 2537/2479 IN
VILLAGE- SIRSI, JAIPUR

DRG. TITLE:-
FOUNDATION SECTIONS

SCALE		DRG. NO.	
SBC = 12 MT/Sq.M @ 4.2M Designed For = B + S + 6		ST-SG-GCS-05	
ASHOK KUMAR DRAFT BY		RAHUL SHARMA DESIGN BY.	
RAHUL SHARMA CHECK BY		MANISH GUPTA APPROVED BY	
DATE 02/01/2025 PRINT/01/2025		JOB.NO.	NORTH



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



Grade Of Concrete
For Foundation/Raft/Pedestal = 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 CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.

REINFORCEMENT DETAILS

Please Refer Drawing ST-SG-GCS-00

CONCRETE DETAILS

Please Refer Drawing ST-SG-GCS-00

REV.	DATE	DESCRIPTION	REMARKS
R-1			
R-2			
R-3			
R-4			

CLINT: J B CONSTRUCTION

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:- JB PRIME
PROPOSED RESIDENTIAL BUILDING AT
KHASRA NO.- 2534/760 & 2537/2479 IN
VILLAGE- SIRSI, JAIPUR

DRG. TITLE:-- STAIR CASE DETAIL

SCALE	DRG. NO.
-------	----------

SBC=12 MT/Sq M@4.2M

Designed For = B+S+6

DALIP JANGIR

DRAFT BY

RAHUL SHARMA
CATERPILLAR, INDIA

CHECK BY	

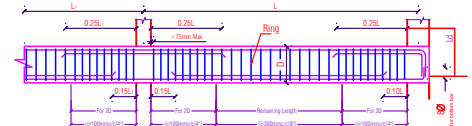
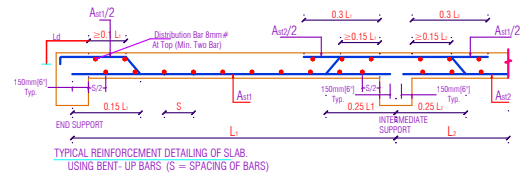
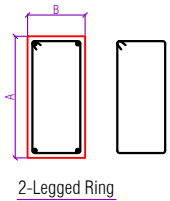
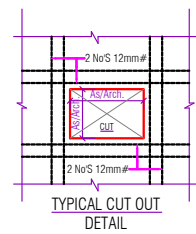
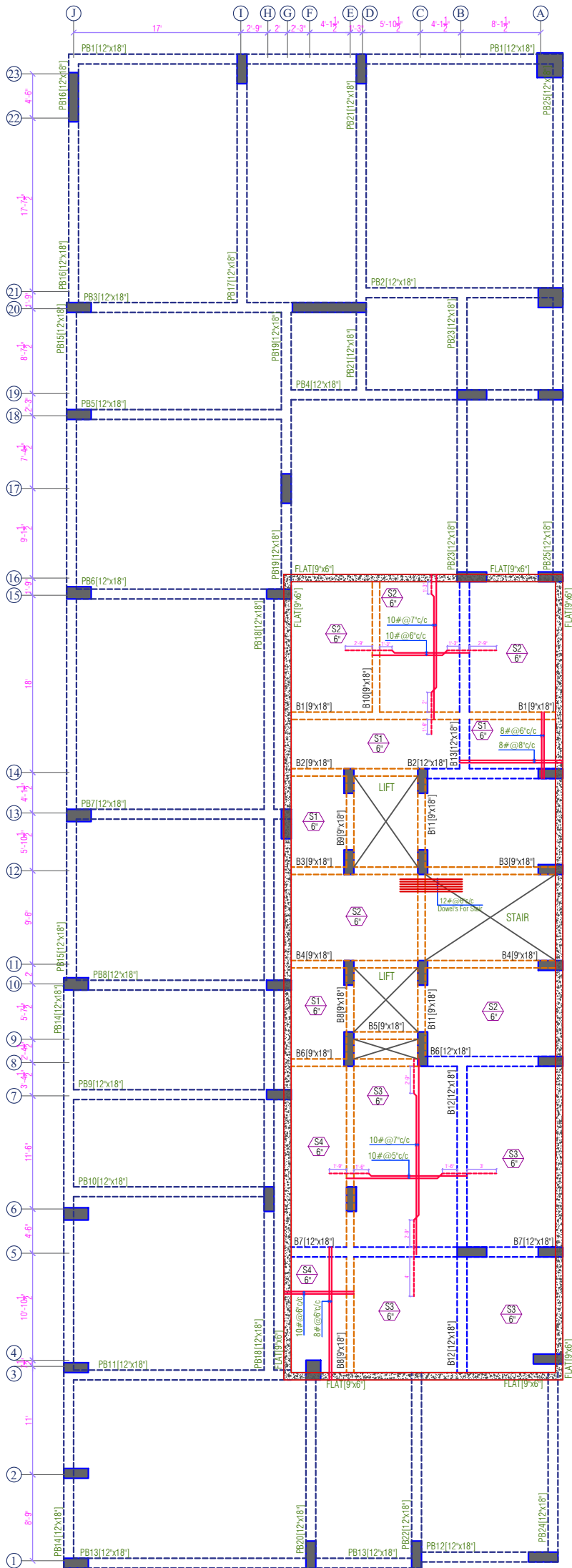
DATE 27/01/2025

PRINT/00/2025

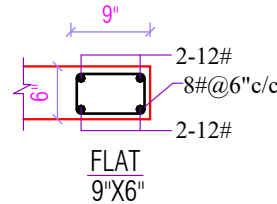
APPROVED BY	

JOB.NO.	NORTH
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[illegible]



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



Grade Of Concrete
For Foundation/Raft/Pedestal = 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 CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST-SG-GC5-00

CONCRETE DETAILS

Please Refer Drawing ST-SG-GC5-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLIENT:

J B CONSTRUCTION

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

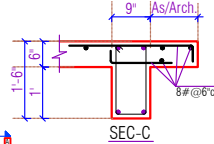
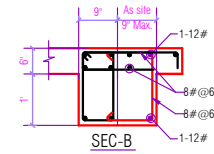
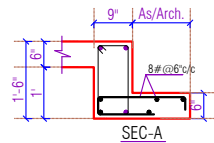
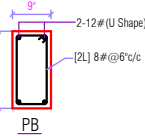
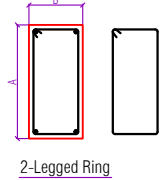
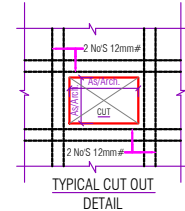
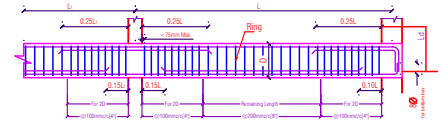
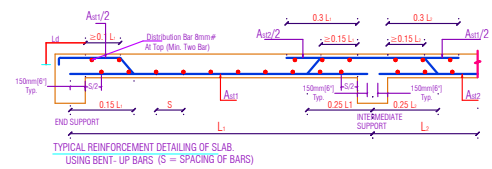
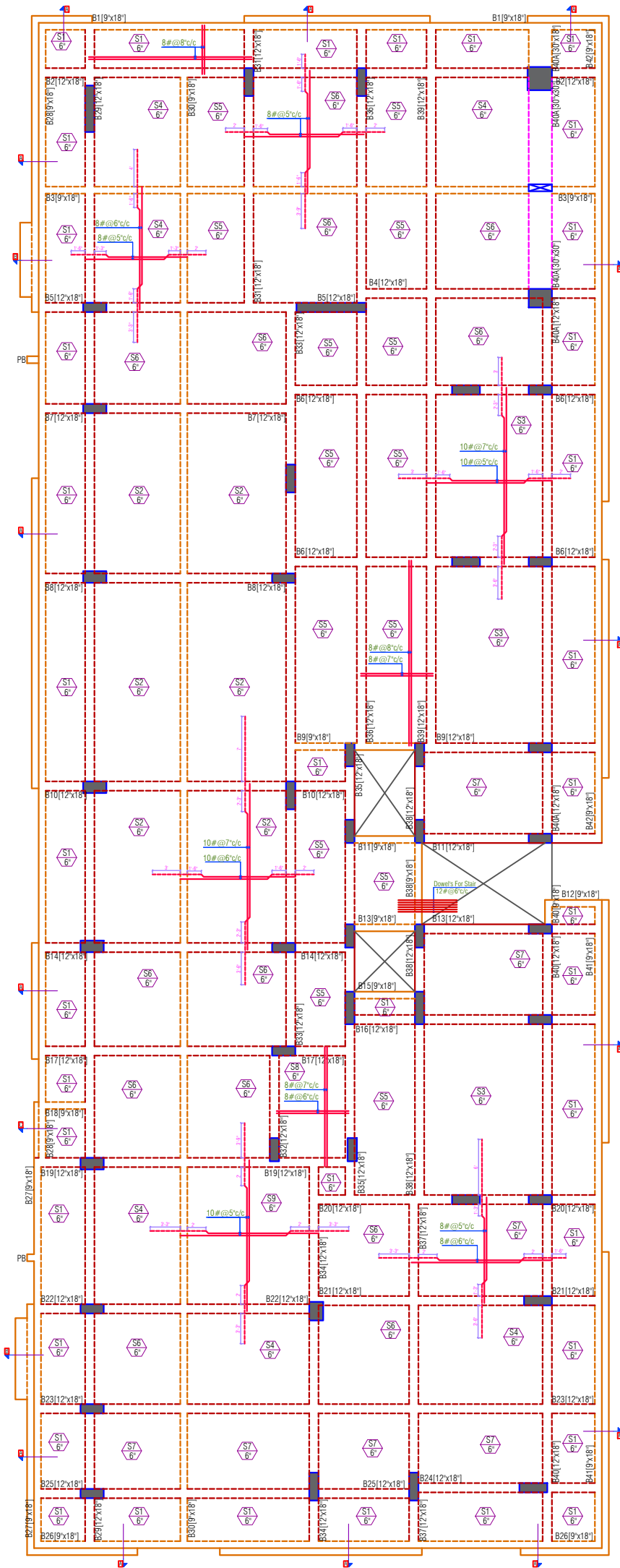
PROJECT TITLE:-
JB PRIME
PROPOSED RESIDENTIAL BUILDING AT
KHASRA NO:- 2534/760 & 2537/2479 IN
VILLAGE- SIRSI, JAIPUR

DRG. TITLE:-
BASEMENT ROOF & PLINTH BEAM LAYOUT

SCALE	DRG. NO.
SBC=12 MT/Sq.M@4.2M Designed For=B+S+6	ST-SG-GC5-07
ASHOK KUMAR DRAFT BY	RAHUL SHARMA DESIGN BY
RAHUL SHARMA CHECK BY	MANISH GUPTA APPROVED BY

DATE 05/02/2025 PRINT/02/2025	JOB.NO.	NORTH
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Grade Of Concrete
For Foundation/Raft/Pedestal = 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 CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST-SG-GC5-00

CONCRETE DETAILS

Please Refer Drawing ST-SG-GC5-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:

J B CONSTRUCTION

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

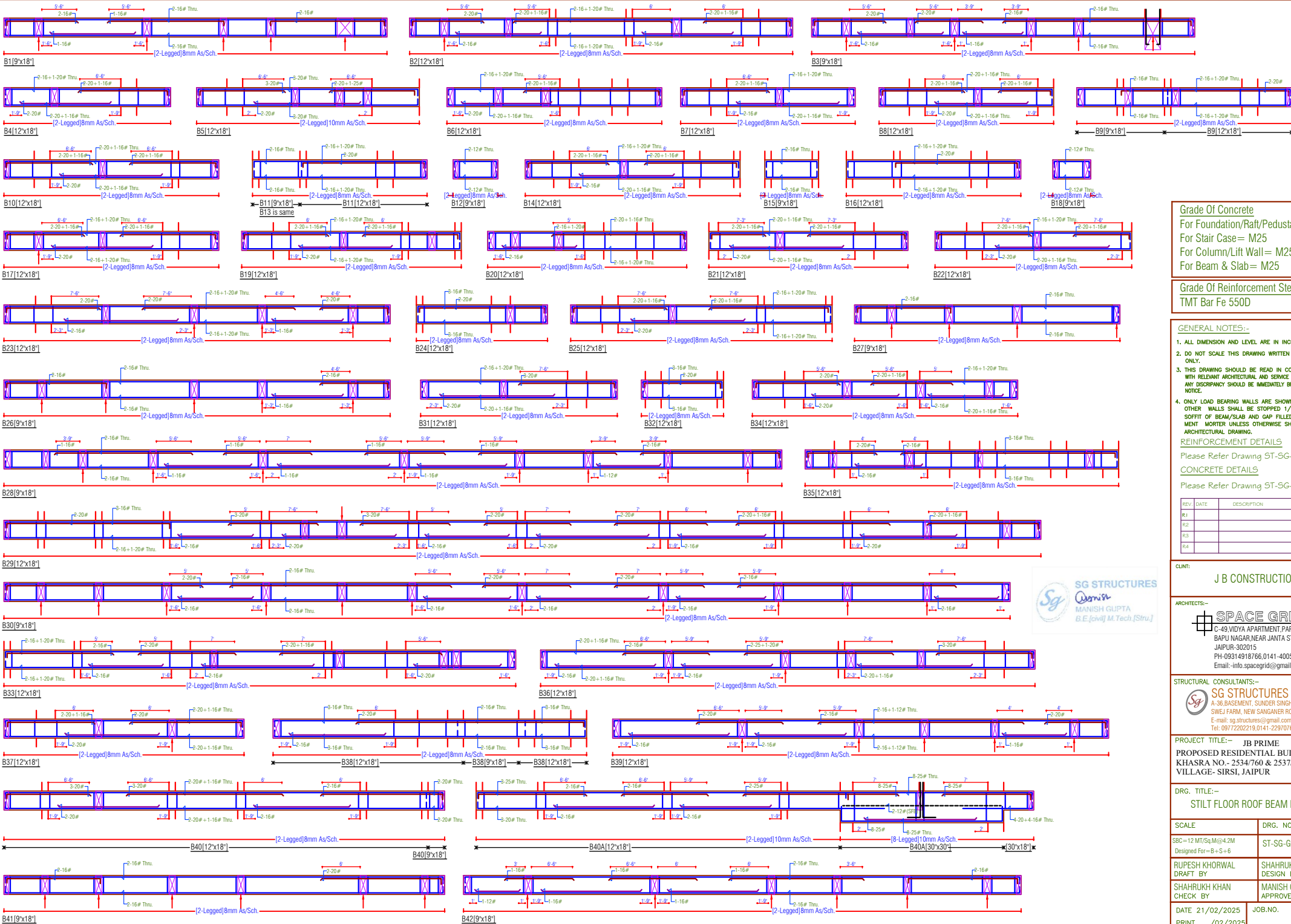
PROJECT TITLE:-
JB PRIME
PROPOSED RESIDENTIAL BUILDING AT
KHASRA NO.- 2534/760 & 2537/2479 IN
VILLAGE- SIRSI, JAIPUR

DRG. TITLE:-
STILT FLOOR ROOF DETAIL

SCALE	DRG. NO.
SBC=12 MT/Sq.M@4.2M Designed For=B+S+6	ST-SG-GC5-09
RUPESH KHORWAL DRAFT BY	SHAHIRUKH KHAN DESIGN BY
SHAHIRUKH KHAN CHECK BY	MANISH GUPTA APPROVED BY

DATE 21/02/2025	JOB.NO.	NORTH
PRINT/02/2025		





Grade Of Concrete
For Foundation/Raft/Pedestal= 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 CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
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REINFORCEMENT DETAILS
Please Refer Drawing ST-SG-GCS-00
CONCRETE DETAILS
Please Refer Drawing ST-SG-GCS-00

REV.	DATE	DESCRIPTION	REMARKS
R1			
R2			
R3			
R4			

CLIENT:
J B CONSTRUCTION

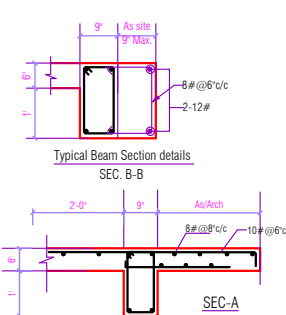
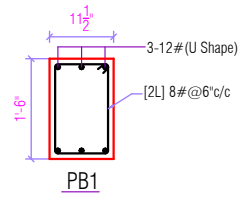
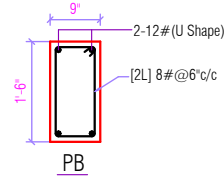
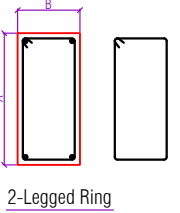
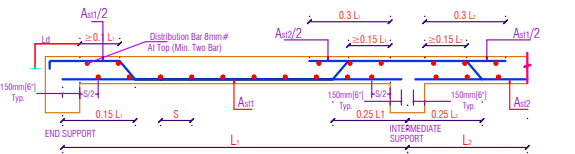
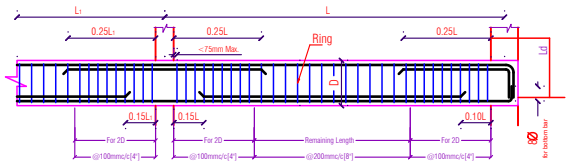
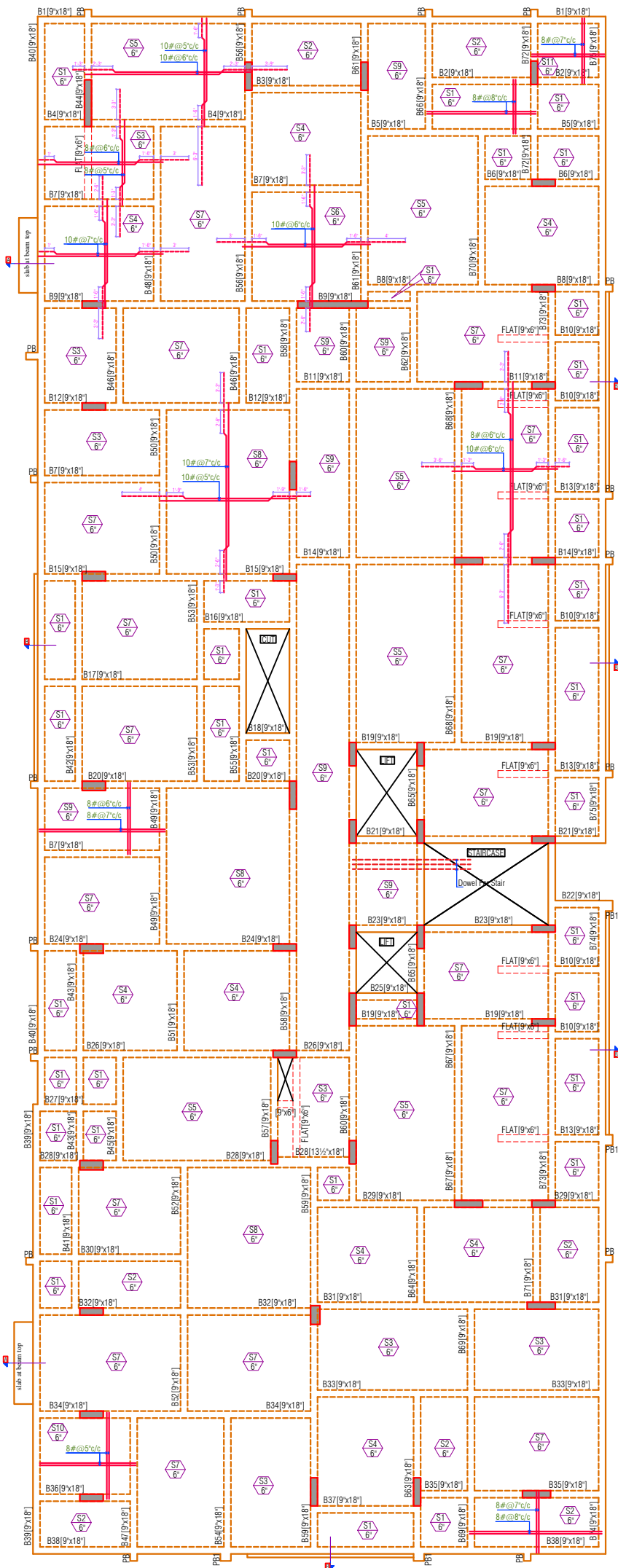
ARCHITECTS:-
SPACE GRID
C-49 VIDYA APARTMENT PARAS MARG,
BAPU NAGAR NEAR JANTA STORE CIRCLE
JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email-info.spacegrid@gmail.com

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: 0972202219,0141-2291076

PROJECT TITLE:- JB PRIME
PROPOSED RESIDENTIAL BUILDING AT
KHASRA NO.- 2534/760 & 2537/2479 IN
VILLAGE- SIRSI, JAIPUR

DRG. TITLE:-
STILT FLOOR ROOF BEAM DETAILS

SCALE	DRG. NO.
SBC=12 MT/Sq.M@4.2M Designed For=B+S+6	ST-SG-GCS-10
RUPESH KHORWAL DRAFT BY	SHAHIRUKH KHAN DESIGN BY
SHAHIRUKH KHAN CHECK BY	MANISH GUPTA APPROVED BY
DATE 21/02/2025 PRINT/02/2025	JOB.NO. NORTH



Grade Of Concrete
 For Foundation/Raft/Pedestal = 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 CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
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REINFORCEMENT DETAILS
 Please Refer Drawing ST-SG-GC5-00
CONCRETE DETAILS
 Please Refer Drawing ST-SG-GC5-00

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:

J B CONSTRUCTION

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

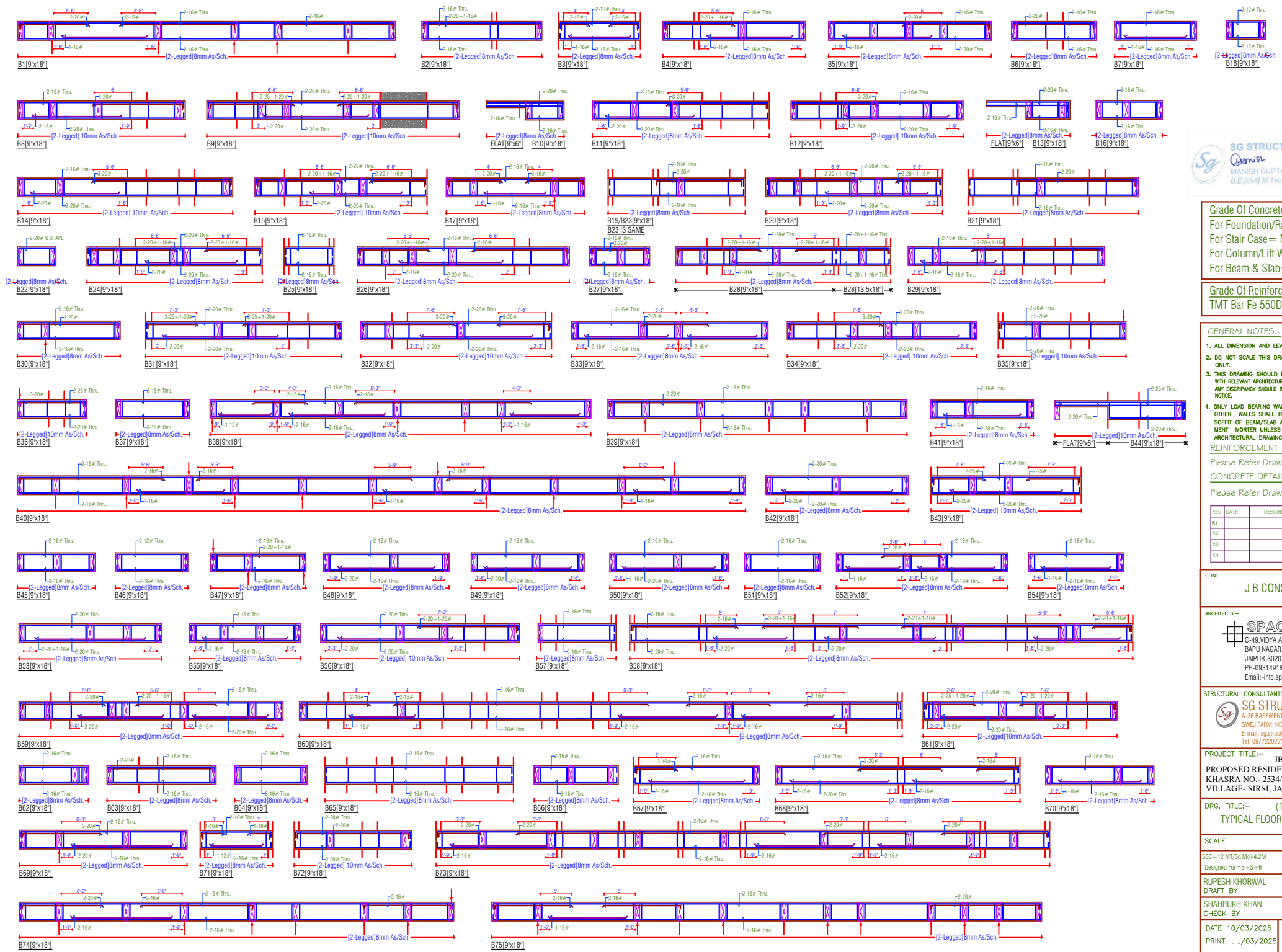
STRUCTURAL CONSULTANTS:-

SG STRUCTURES
 A-36, BASEMENT, SUNDER SINGH BANDARI NAGAR,
 SWEET FARM, NEW SANGANER ROAD, JAIPUR-302019
 E-mail:-sg.structures@gmail.com
 Tel: 0972202219, 0141-2297076

PROJECT TITLE:- **JB PRIME**
PROPOSED RESIDENTIAL BUILDING AT
KHASRA NO.- 2534/760 & 2537/2479 IN
VILLAGE- SIRSI, JAIPUR

DRG. TITLE:- **(1st To 6th Floor)**
TYPICAL FLOOR ROOF LAYOUT DETAIL

SCALE	DRG. NO.
SBC=12 MT/Sq.M@4.2M Designed For=B+S+6	ST-SG-GC5-11
RUPESH KHORWAL DRAFT BY	SHAHRUKH KHAN DESIGN BY.
SHAHRUKH KHAN CHECK BY	MANISH GUPTA APPROVED BY
DATE 10/03/2025 PRINT/03/2025	JOB.NO. NORTH



Grade Of Concrete
 For Foundation/Raft/Pedestal= 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-GCS-00

CONCRETE DETAILS

Please Refer Drawing ST-SG-GCS-00

REV.	DATE	DESCRIPTION	REMARKS
R1			
R2			
R3			
R4			

CLIENT:
J B CONSTRUCTION

ARCHITECTS:-
SPACE GRID
 C-48 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,
 SWEET FARM, NEW SANGANER ROAD, JAIPUR-302019
 E-mail: sg_structures@gmail.com
 Tel: 0972202219,0141-2291076

PROJECT TITLE:- JB PRIME
PROPOSED RESIDENTIAL BUILDING AT
KHASRA NO. - 2534/760 & 2537/2479 IN
VILLAGE- SIRSI, JAIPUR

DRG. TITLE:- (1st To 6th Floor)
TYPICAL FLOOR ROOF BEAM DETAIL

SCALE	DRG. NO.
SBC=12 MT/Sq.M@4.2M Designed For=B+S+6	ST-SG-GCS-12
RUPESH KHORWAL DRAFT BY	SHAHRUKH KHAN DESIGN BY
SHAHRUKH KHAN CHECK BY	MANISH GUPTA APPROVED BY
DATE 10/03/2025 PRINT/03/2025	JOB.NO. NORTH