

GENERAL NOTES

- Contractor to check and verify all dimensions before execution of the work.
- All dimensions are given Meter Millimeter unless other wise specified .
- Figured dimensions shall be followed.
- Executive authority shall check the drawing before tracing execution in hand.
- All structural drawings shall be read in conjunction with relevant architectural drgs any discrepancy between them observed shall be brought to the notice of the accepting officer for necessary clarification.
- Any variation between the details given in the structure grd and tropical drg, the details shown in structural drawing shall be followed.
- All reinforcement for rcc work shall be TMT Grade Fe 500D conforming to IS : 1786-2008
- The foundation has been designed as Raft footing .
- The SBC has been taken as 12MT/Sq.m at a depth of 1.5 Meter Below Natural Ground level.
- While laying foundation, contractor shall make suitable arrangements to lower the subsoil water [If Any] below the foundation level. Foundation concrete shall always be provide under foundation of all RCC/ masonry structural.
- Lean concrete in PCC as per specified to min thickness (unless other wise specified or shown in DRG) shall always be provided under foundation of all RCC / masonry structure.
- Unless other wise mentioned lintels over opening/ jails niches shall be provide as per typical DRG of lintels and chanjias.
- RCC lintel band over full and half block thick wall shall be provided continuously at lintel level (2.1 M above FFL) under sl no. 11 above and where height of solid wall exceeds 2.4 M
- Water used for mixing and curing of concrete work shall conform to quality criteria specified in IS : 456-2000
- Unless other wise specified the structural concrete shall be M 25 for all structural members (design mix concrete conforming to the acceptance criteria given in IS :456-2000)
- Form working for concrete shall be rigidly constructed of approved materials and shall be true to the shape and dimensions of the finished members and water tight. Form work shall be designed for all imposed loads (dead, live, constructional, wind, vibration, impact, fluid pressure etc.)
- From work shall be supported on closely spaced stiff props adequately braced in plan and firmly placed on sub-base ground not liable to settle under loads.
- Aggregate to be used in structural concrete shall be crushed/broken stone as coarse aggregates, river/PIT sand/ stone dust as fine aggregates conforming to grading and other quality criteria as specified in IS : 383
- Strength of hollow blocks/ solid blocks shall not be less than 35 kg/cm2 and 45 kg/cm2 respectively
- All plinth beams shall be cast over 6" th. PCC 1:4:8 width of beam plus 6" wide were ever directly resting on fully compacted earch.
- All existing walls and wall below plinth level shall be constructed with solids blocks.
- Wall shall be constructed over PB as shown in the drawing where PB is not available, wall shall rest over dwarf wall /foundation.
- The missing details, if any in structural DRG but technically required based on sound engineering practice, must followed and read in construction with relevant drawing.
- In beams, wherever reinforcement bars are provide in two or more layers, space bars of 25# @ 4' c/c shall be provide between the reinforcement layers.
- PCC lean concrete below foundation shall have 6" offset on all sides. Wherever the gap between two footing is less than 8", the whole gap shall be filled with lean concrete.
- Clear cover to all reinforcement shall be as under:

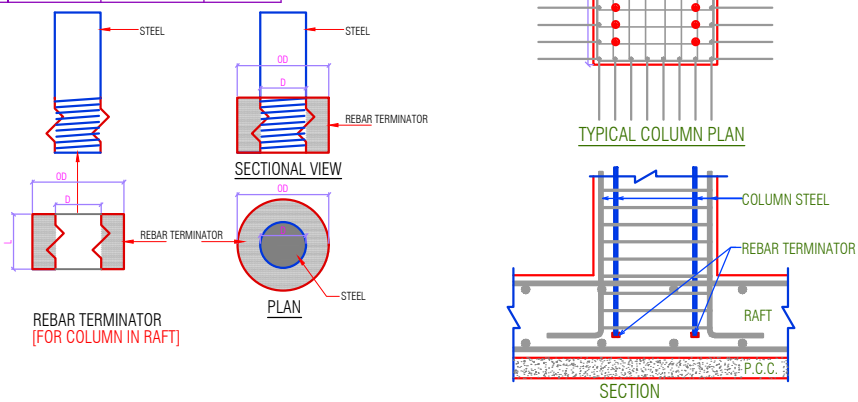
PTRICULAR	BOTTOM	TOP	SIDES
SLAB	3/4"(20MM.)	2/3"(15MM.)	
FOOTING	2"(50MM.)	2"(50MM.)	2"(50MM.)
RETAINING WALL		1"(25MM.)	1 1/2"(40MM.) (EARTH SIDE) 2/3"(15MM.) (IN SIDE)
COLUMNS			1 1/2"(40MM.)
BEAMS, LINTEL	1"(25MM.)	1"(25MM.)	1"(25MM.)
WALLS, FLOOR SLAB & ROOF SLAB OF WATER TANK.			1"(25MM.) ON WATER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

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

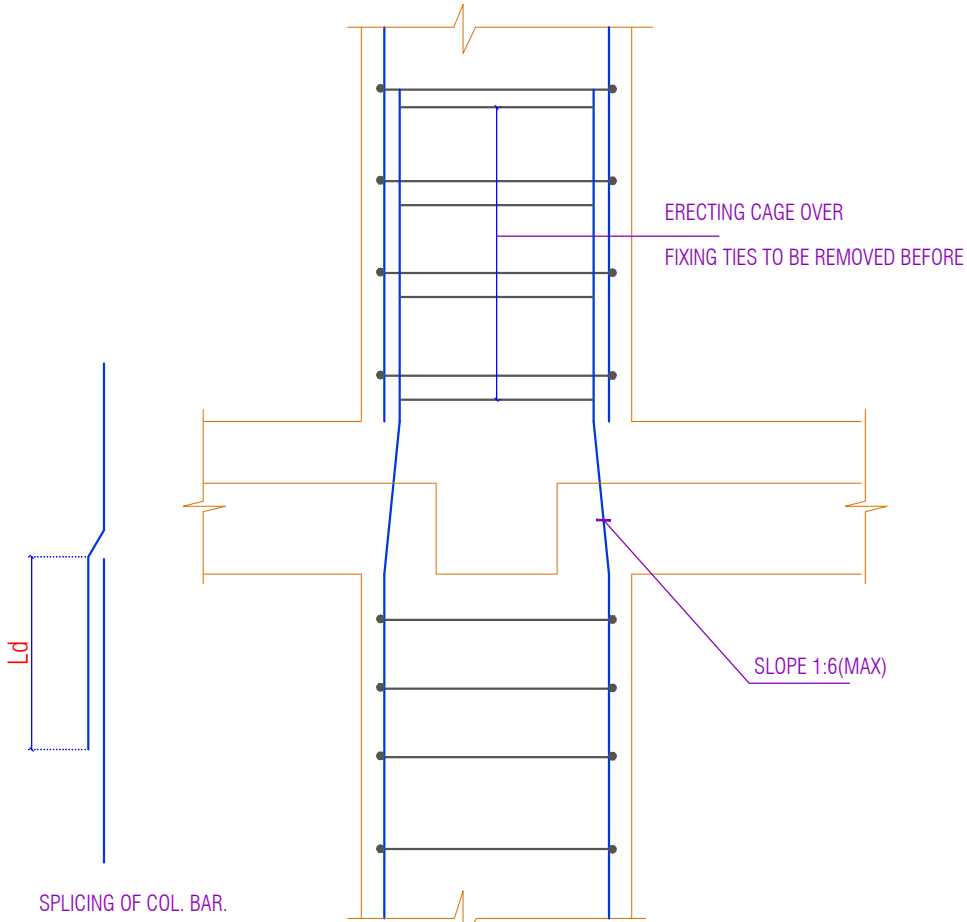
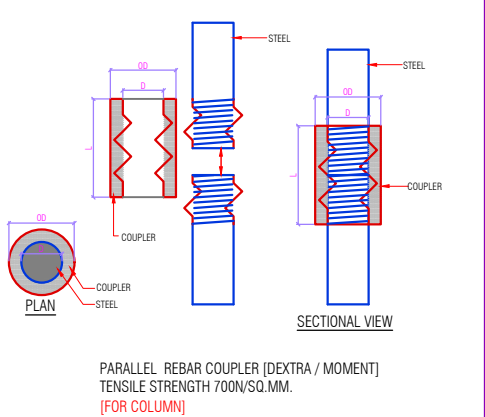
REINFORCEMENT DETAILING

- All reinforcement shall be terminated with straight length or L shape unless other wise specified
- The horizontal distance between two parallel main reinforcement bars shall not be less than dia of the larger dia bar or 5 mm more than nominal size of coarse aggregate, which ever is more. Spacing of long bars measured along periphery of the col. Shall exceed 300 mm.
- First main / secondary bar in a slab shall be placed along the center line of the span and other spaced as specified in the DRG covering the enter span between center line of supports.
- In beam/ lintels, first stirrup shall be at the center of span and subsequent ones at the spacing indicated in the DRGS
- Temperature reinforcement (distribution steel in slab where not shown in drawing shall be 0.12% (tor)
- Unless other wise specified 8# @ 300 c/c shall be provide as binders in top portion of slab reinforcement and placed parallel to support.
- Positive reinforcement in shorter direction in middle position region for negative reinforcement.
- Min 3 nos 8 mm # diagonal bars shall be provided at the corners of freely supported or non continues edges of slab
- Unless other wise specified side face reinforcement shall be provide for all beams of depth exceeding 750 mm as per IS : 456-2000, or as shown in drawing.
- Anchorage length :- all RCC structure elements (column, cantilevered, beams & slab) shall have their main reinforcement suitable anchored to provide the full development length (49 x d for tension & 39 x d for compression for M 25 mix concrete & FE 500D) provide the full development length (46 x d for tension & 37 x d for compression for M 30 mix concrete & FE 500D)
- No laps shall be provide in the high stress zones listed below.
 - Middle 1/3 span of slabs/ beams in case of positive reinforcement.
 - 0.3 L of span from the supports in case of beams/ slabs for negative reinforcement .
 - 0.25 L from the supports / junction in case of longitudinal reinforcement for column.
 - Not more than 40% bars shall be lapped at any one section.
 - Laps shall be staggered with min distance equal to 1.3 times the lap length between two lap section.
- Lap length :- unless specified, lap splice shall be provided for all bars less than 36 mm dia (bars of more than 36 mm dia shall be welded)
 - Tor steel [M25 & Fe500D] 49 x dia tension 39 x dia compression
 - Tor steel [M30 & Fe500D] 46 x dia 37 x dia
 - When bars of different dia area to be specified lap length shall be calculated on basis of smaller dia.
 - Splice of bars in columns shall be avoided as far as possible. Where inescapable laps shall be provided after interval of two stories.
- For the/ floor and rafter slabs, chair supports shall be provided to maintain vertical spacing between top and bottom reinforcement bar.
- 3 x 10 # or 2 x 12 # bars shall be longitudinally provided in the RCC floor slab where partition/ panel walls are supported on them.
- Dowel bars shall be held firmly in position to avoid dislocation and loss of bond due to vibration during construction stage.
- In pashed construction vertical reinforcement of columns (dowels) shall be extended (and left) beyond slab min 50 times the dia of bars with at least 50 % bars extending up to 100 times the dia of the bar unless otherwise specified.
- Top of all construction slabs shall be kept at the same level similarly soffits of al adjoining cantilevered projection shall be at the same level.
- SPLICING OF COLUMN BARS AT INTERMEDIATE FLOOR.

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

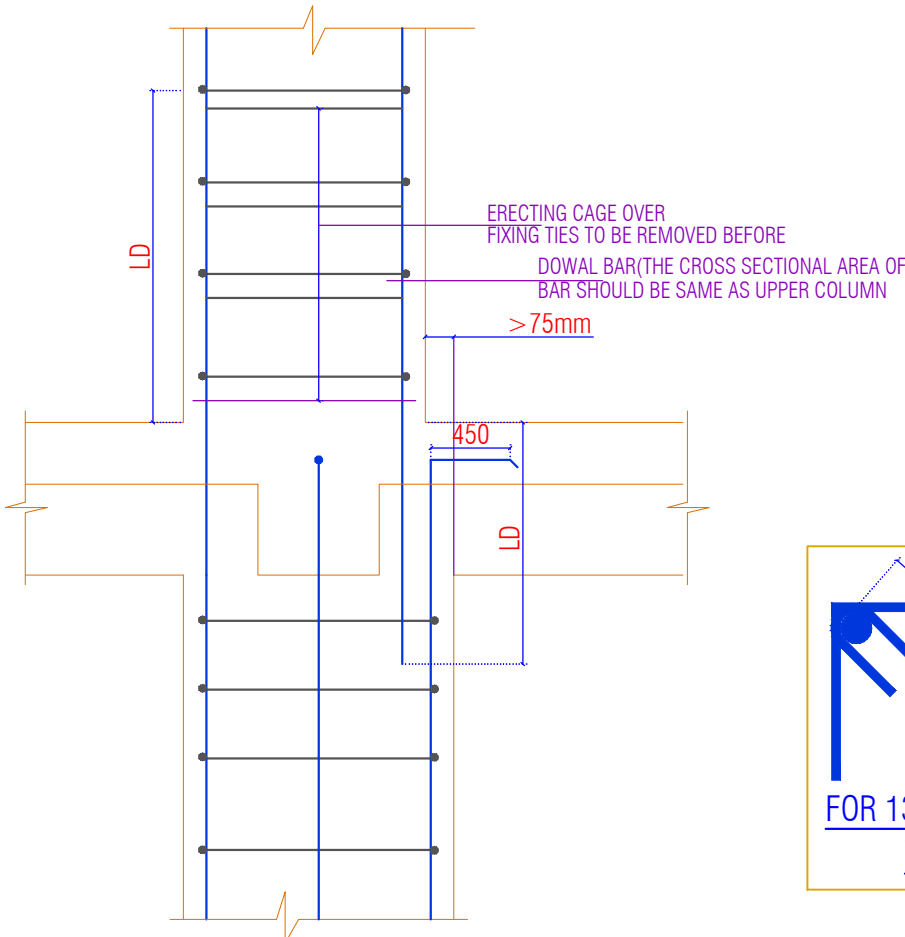


DIMENSIONS OF PARALLEL REBAR COUPLER			
ITEM	REBAR DIAMETER	LENGTH [L] mm	OD mm
1.	20mm	48mm	32mm
2.	25mm	60mm	40mm
3.	32mm	70mm	50mm

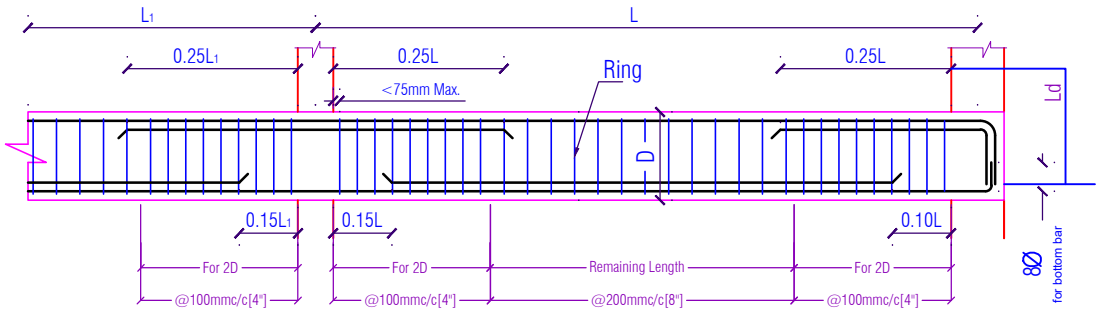


SPLICING OF COL. BAR.

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

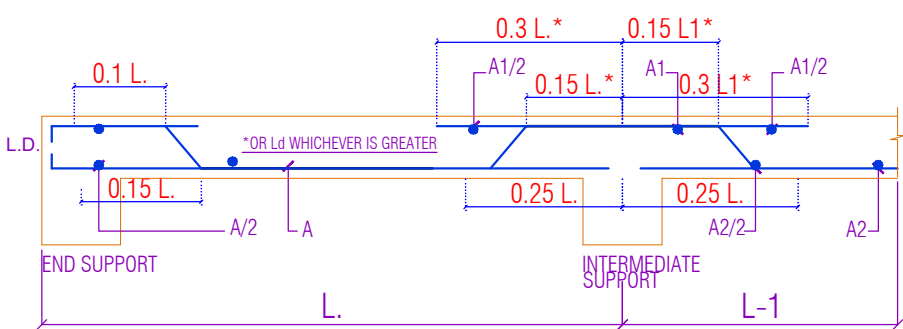


48. SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS

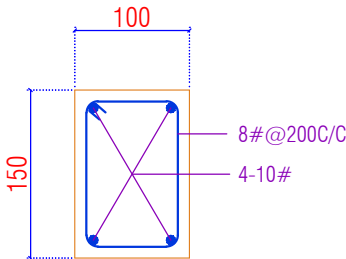


SIMPLIFIED CURTAILMENT AND STIRRUPS RULE FOR CONTINUOUS BEAMS
(Ø = Diameter of Beam Main Steel)
(D = Total Depth of Beam)

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 SHOWN IN THE FIGURE THE BEARING OF R.C.C. BAND SHALL BE EQUAL TO THE WIDTH OF THE ADJOINING WALL.



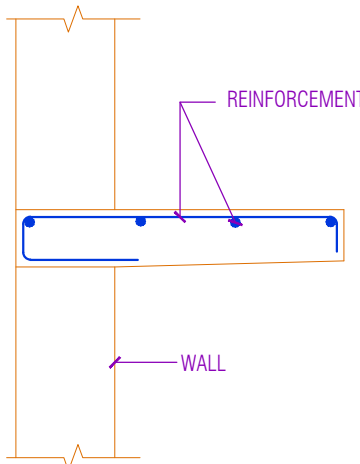
CONSTRUCTIONAL DETAILS.

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

REMOVAL OF CENTERING

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



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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 500D

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 DISCRIPANCY 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 CE-MENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS

Please Refer Drawing ST/SG/BPT-00

CONCRETE DETAILS

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REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:-

OPULENT CONSTRUCTIONS

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:-

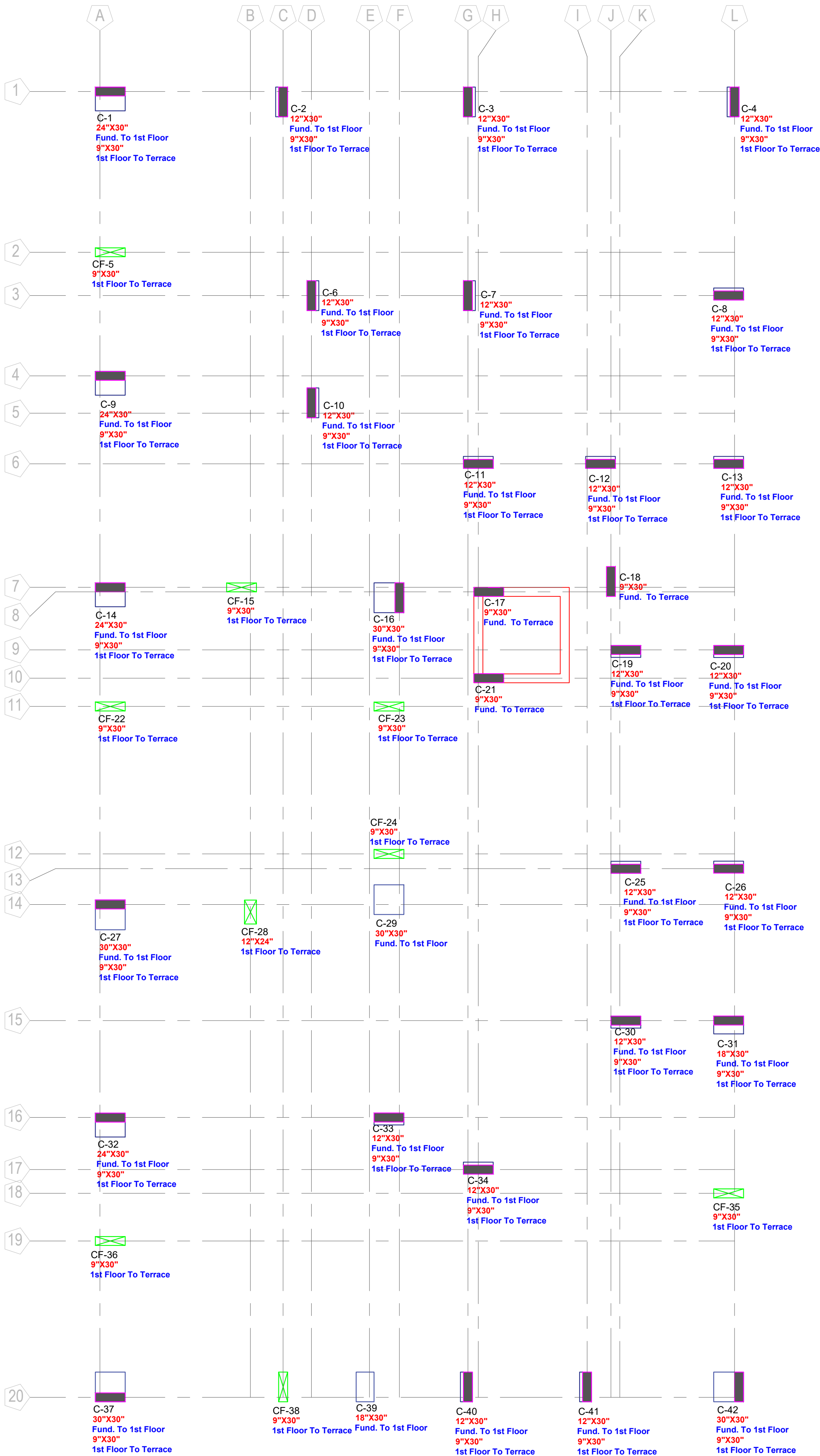
SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEI FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219, 0141-2297076

PROJECT TITLE:- ARYA SHINE
PROPOSED RESIDENTIAL BUILDING AT PLOT NO. 7, IN
GROUP HOUSING PLOT KHASRA NO. 879 TO 884, VILLAGE
SHRI KISHANPURA, TEH.- SANGANER, JAIPUR

DRG. TITLE:-

GENERAL DETAIL SHEET

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST/SG/BPT-00
DRAFT BY RUPESH KHORWAL	DESIGN BY RAHUL SHARMA
CHECKED BY RAHUL SHARMA	APPROVED BY MANISH GUPTA
DATE 19/12/2022 PRINT /12/2022	JOB.NO. NORTH



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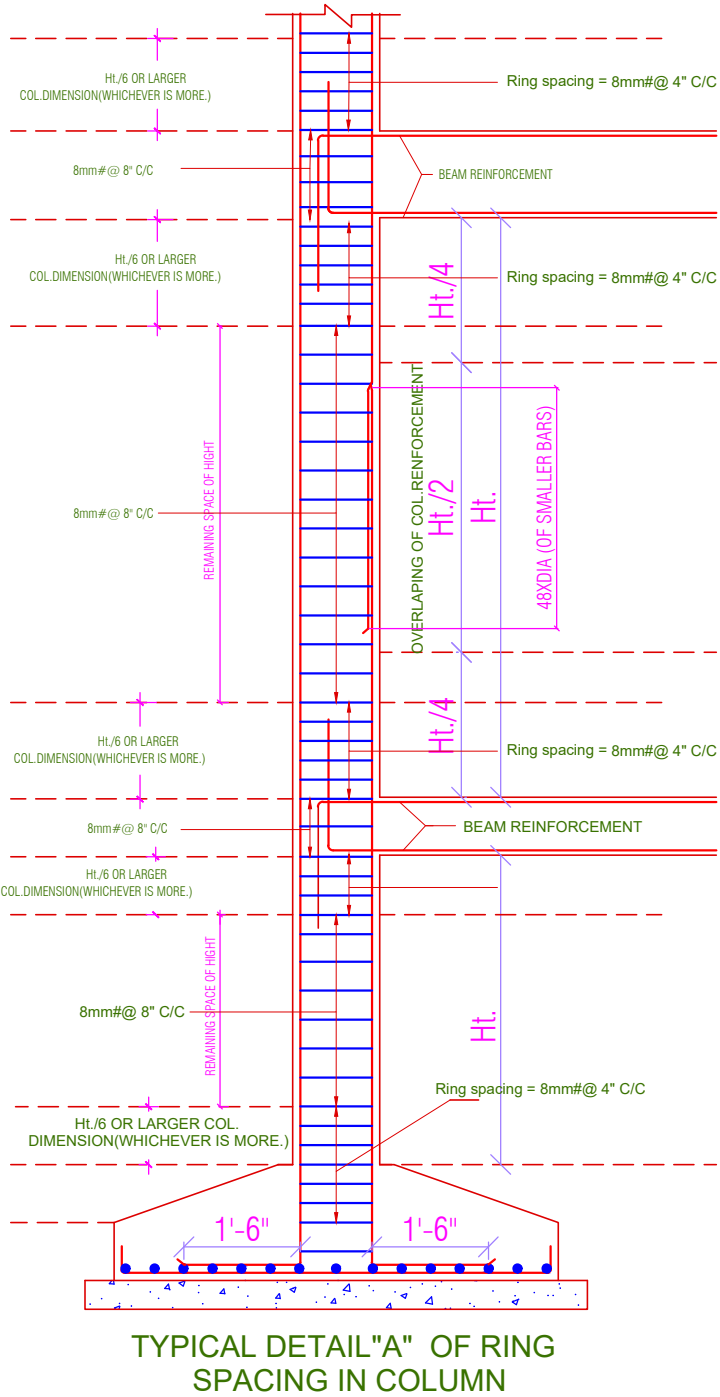
DRG. TITLE:-
COLUMN LAYOUT

SCALE	DRG. NO.
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DRAFT BY RUPESH KHORWAL	DESIGN BY RAHUL SHARMA
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COLUMN	C-1/C-9/C-14/C-32/		C-2/C-8/C-12/C-13/C-19/ C-20/C-25/C-26/C-30/ C-40/C-41.		C-3/C-4/		CF-5/CF-15/CF-22/CF-23/ CF-24/CF-35/CF-36/CF-38/		C-6/C-7/C-10/C-11/C-33/ C-34/		C-16/C-27/C-37/C-42.		C-17/C-18/C-21/	
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"
1st. FloorTo 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	CF-28.	C-29.		C-31.		C-39.	
Foundation To 1st. Floor		As Per Detail "A"		As Per Detail "A"		As Per Detail "A"	As Per Detail "A"
1st. FloorTo 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"
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For Column/Lift Wall= M25
For Beam & Slab= M25

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R2			
R3			
R4			

CLINT:-

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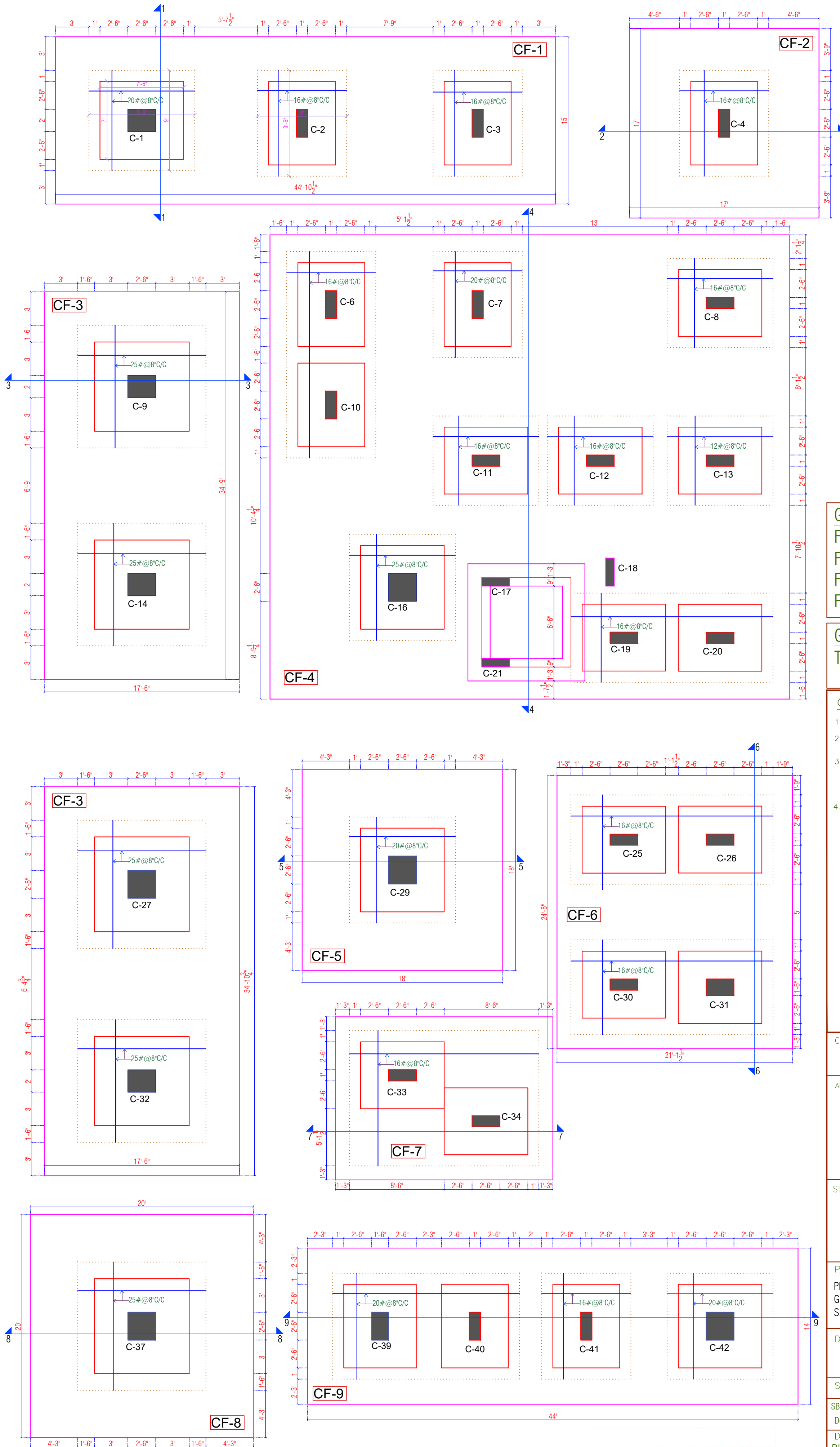
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DRG. TITLE:-

COLUMN SCHEDULE DETAIL

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST/SG/BPT/-02
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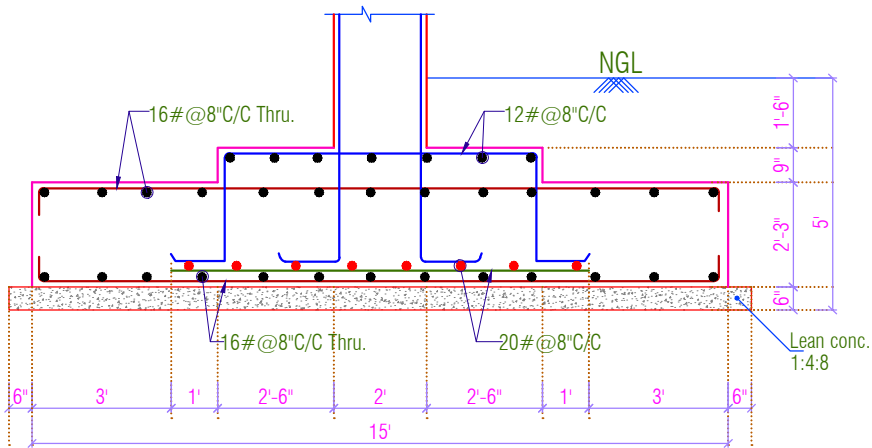
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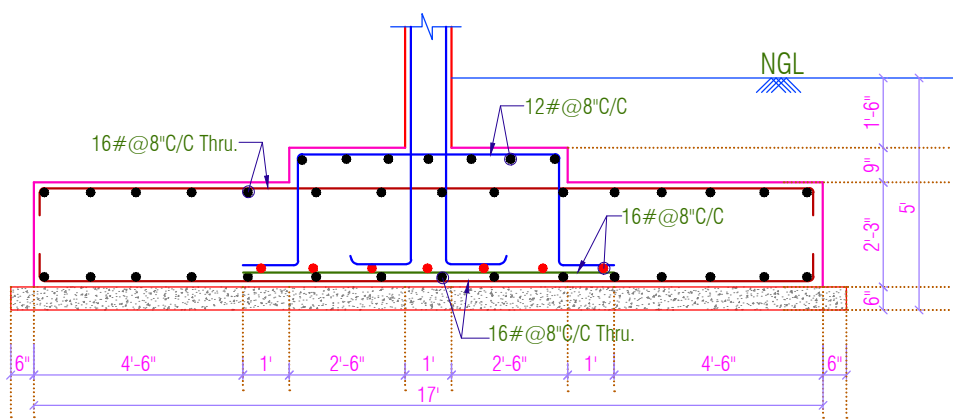
DRG. TITLE:-

FOUNDATION LAYOUT

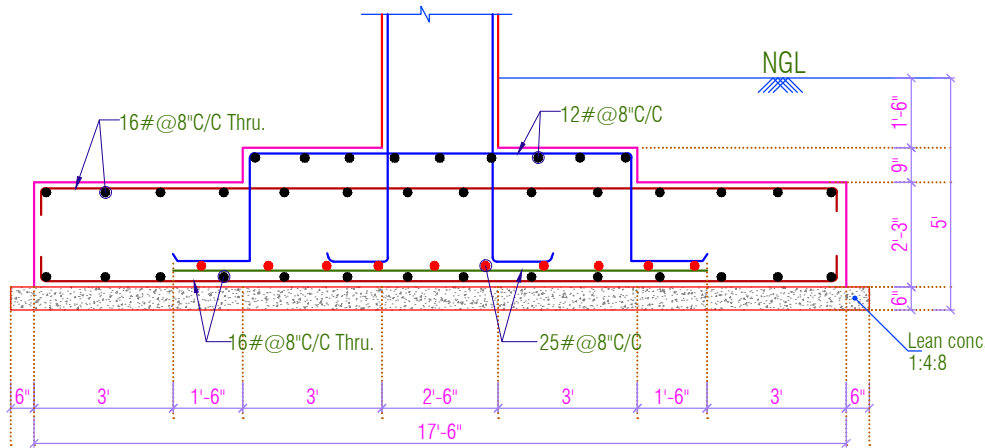
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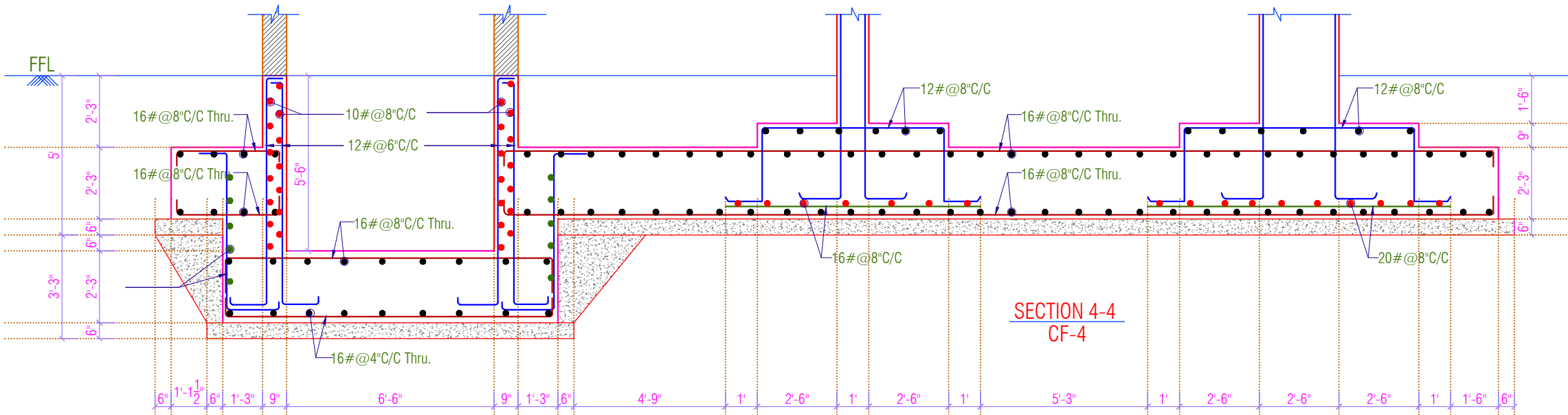
SECTION 1-1
CF-1



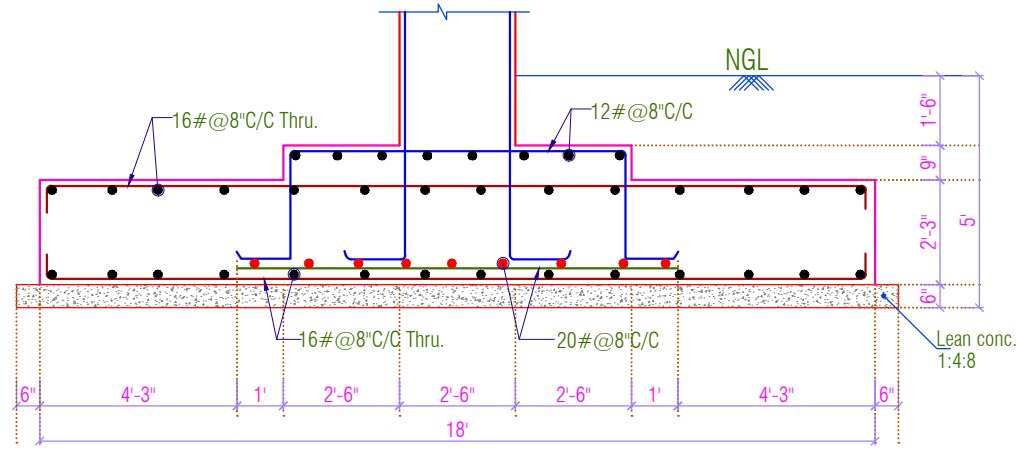
SECTION 2-2
CF-2



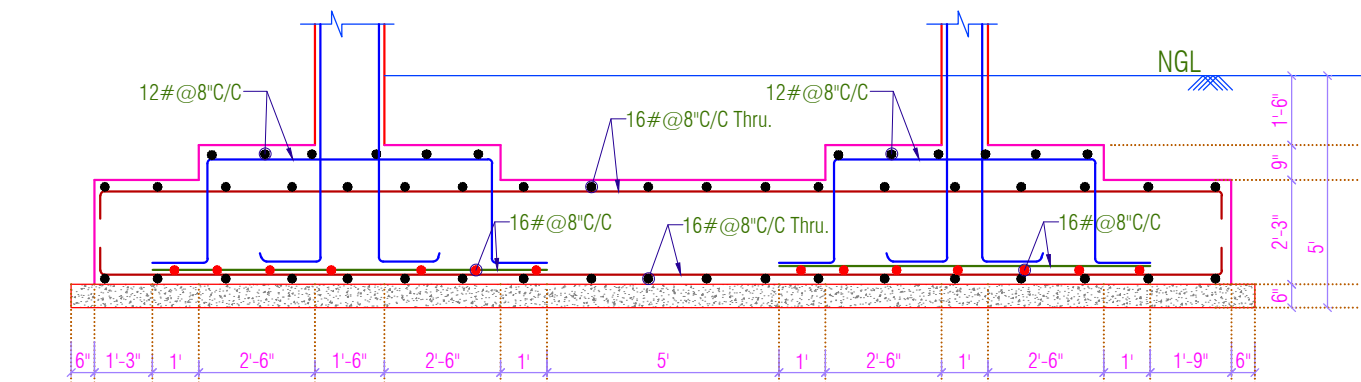
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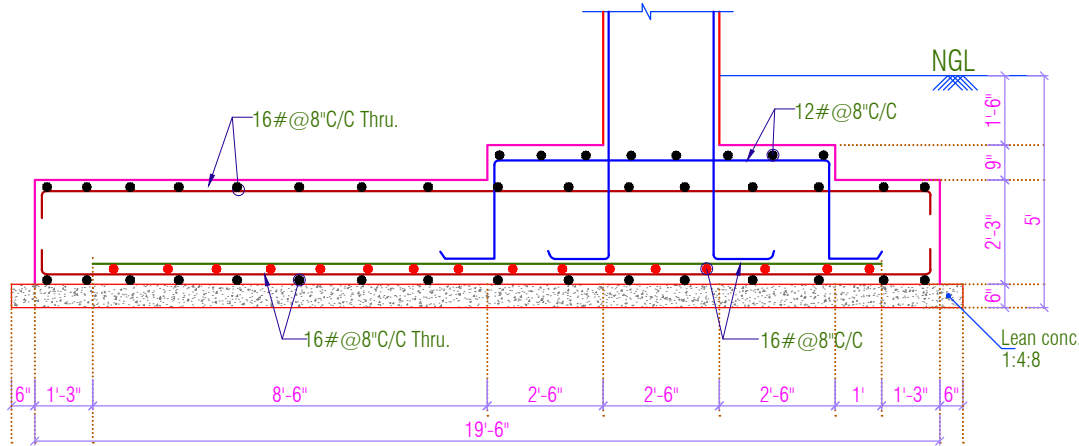
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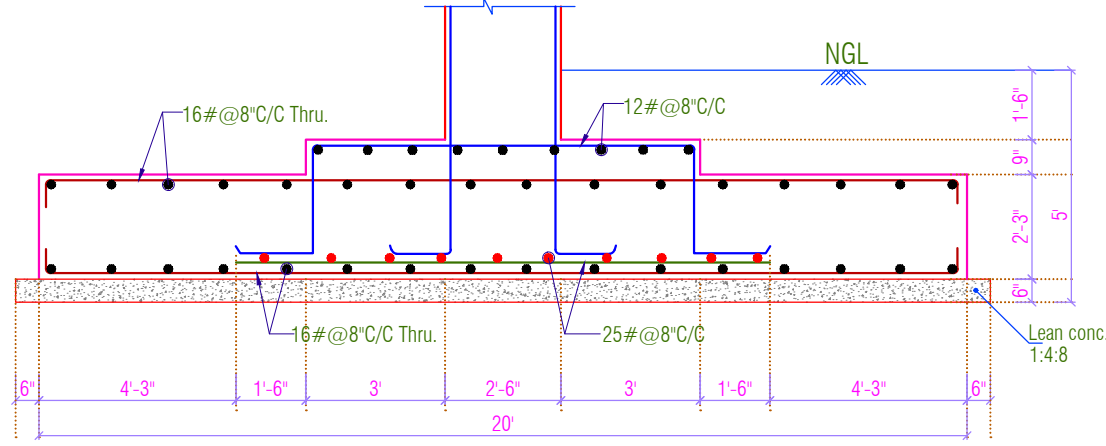
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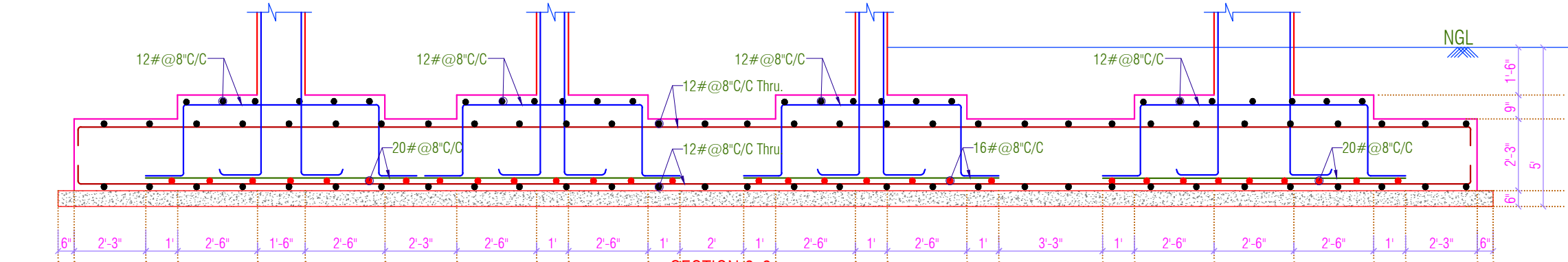
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SECTION 7-7
CF-7



SECTION 8-8
CF-8



SECTION 9-9
CF-9

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 500D

- 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/BPT/-OO

CONCRETE DETAILS
Please Refer Drawing ST/SG/BPT/-OO

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:-
OPULENT CONSTRUCTIONS

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

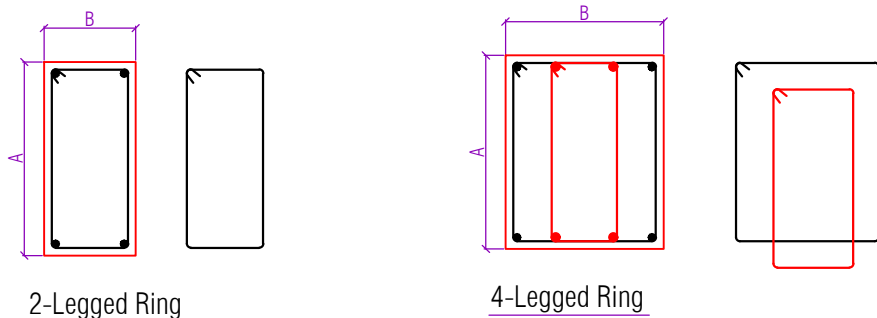
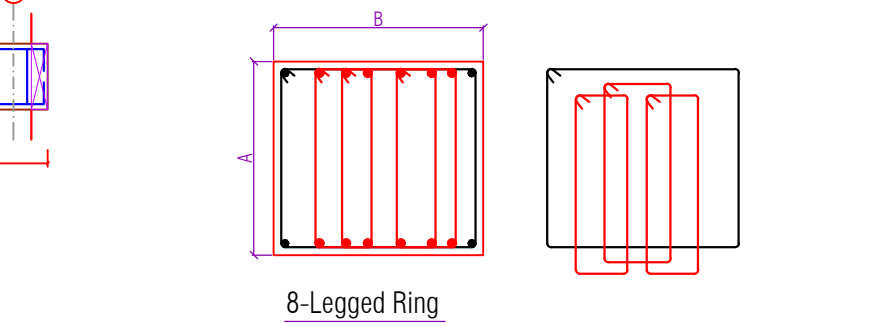
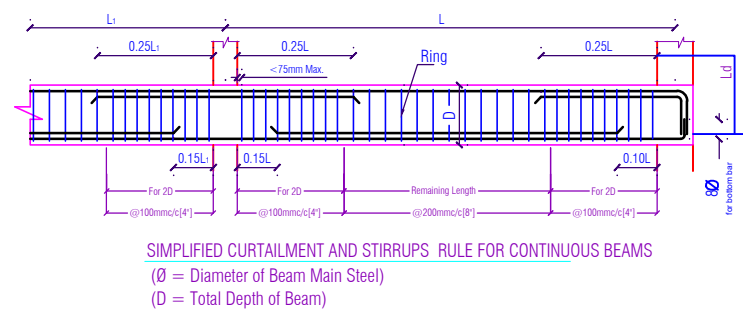
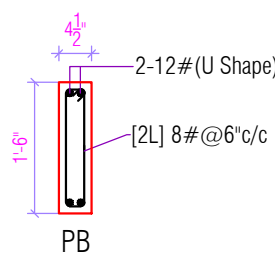
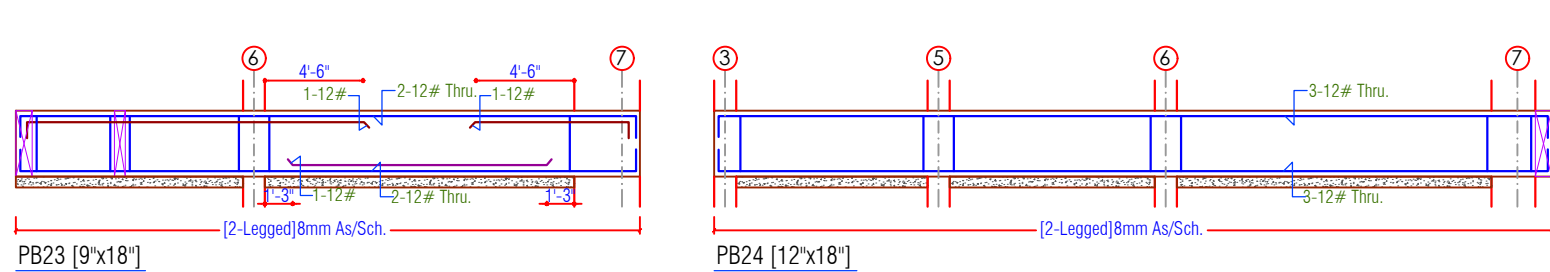
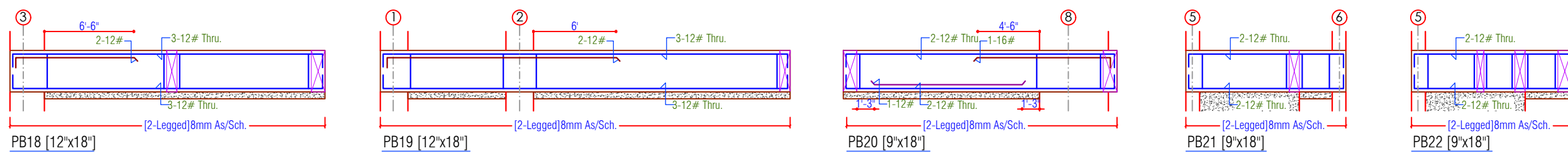
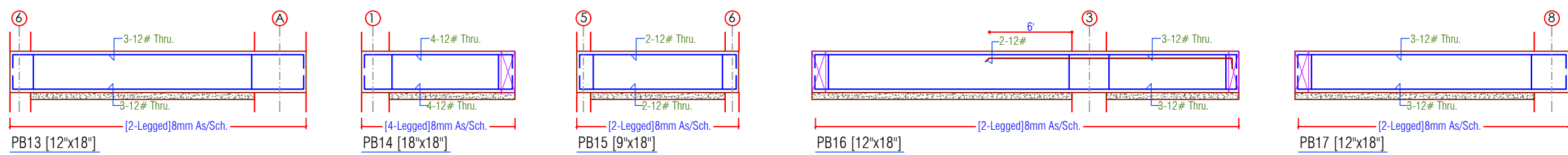
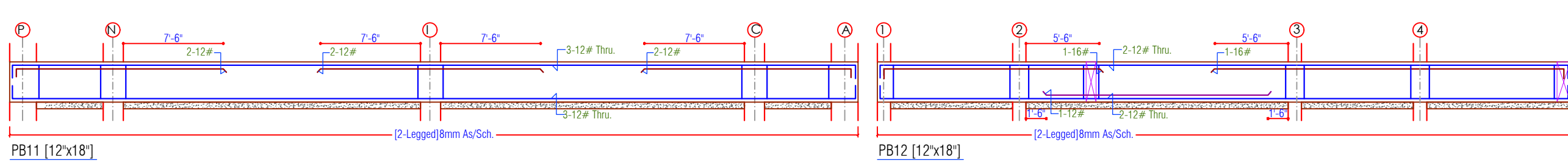
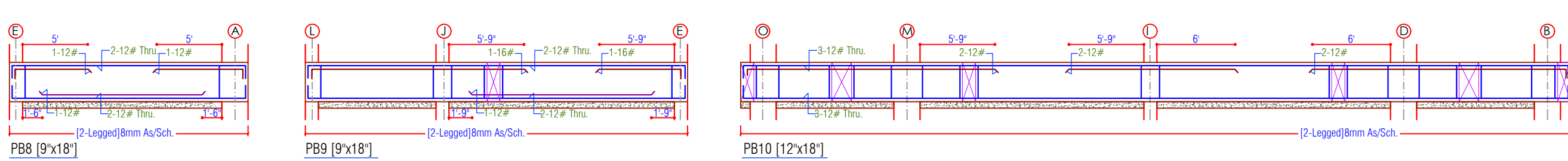
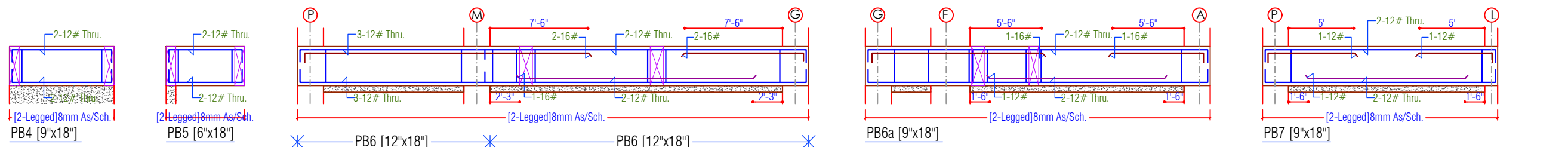
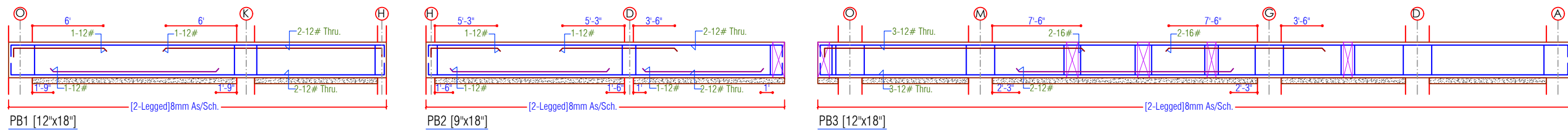
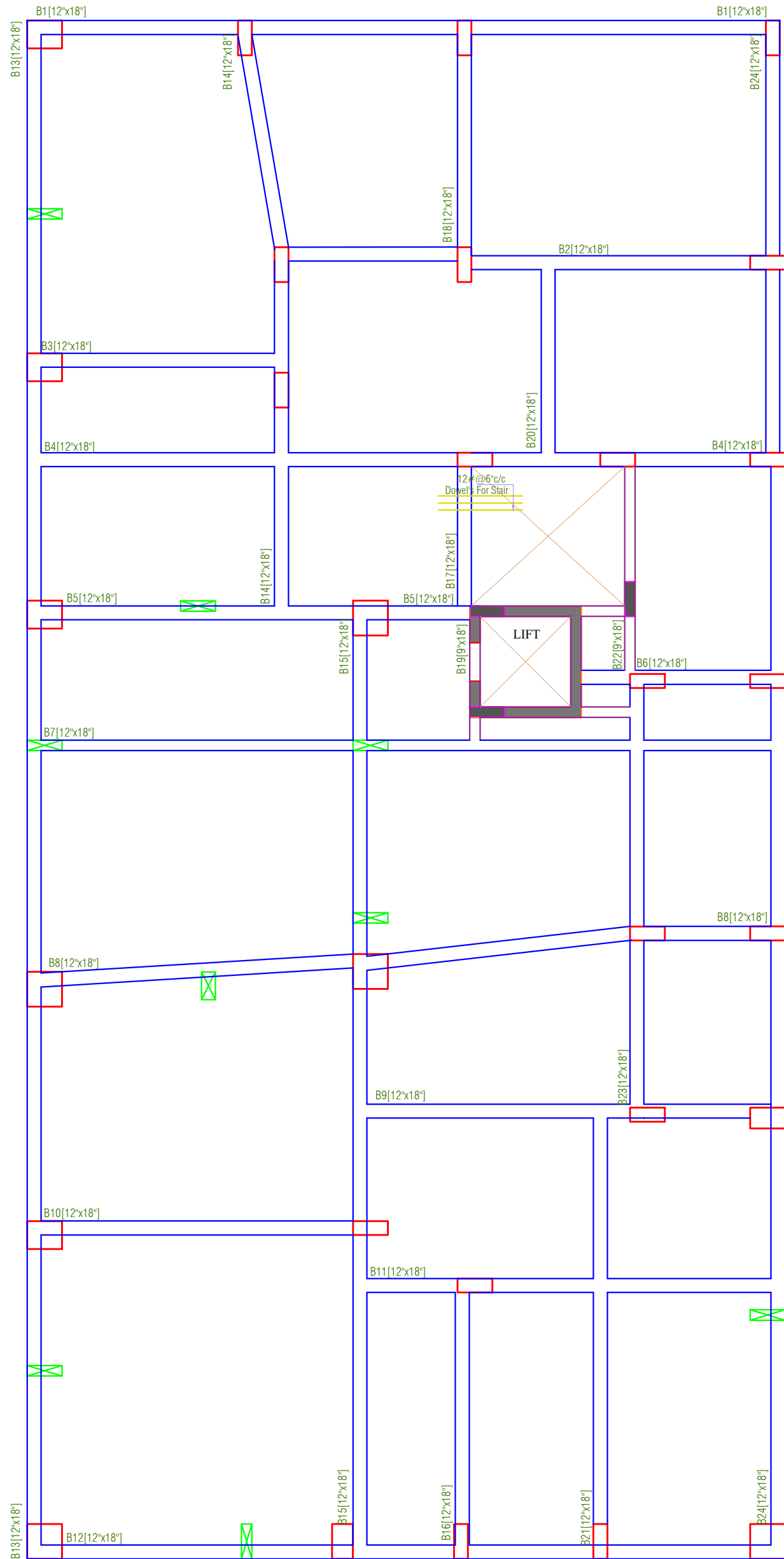
STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219, 0141-2297076

PROJECT TITLE:- ARYA SHINE
PROPOSED RESIDENTIAL BUILDING AT PLOT NO. 7, IN
GROUP HOUSING PLOT KHASRA NO. 879 TO 884, VILLAGE
SHRI KISHANPURA, TEH. - SANGANER, JAIPUR

DRG. TITLE:-
FOUNDATION SECTION DETAIL

SCALE	DRG. NO.
SBC = 10 MT/Sq.M @ 1.5M Designed For = S+6	ST/SG/BPT/-04
DRAFT BY RUPESH KHORWAL	DESIGN BY. RAHUL SHARMA
CHECKED BY. RAHUL SHARMA	APPROVED BY. MANISH GUPTA
DATE 19/12/2022 PRINT / 12 / 2022	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 500D

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

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLIENT:-
OPULENT CONSTRUCTIONS

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, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 0972202219, 0141-2297076

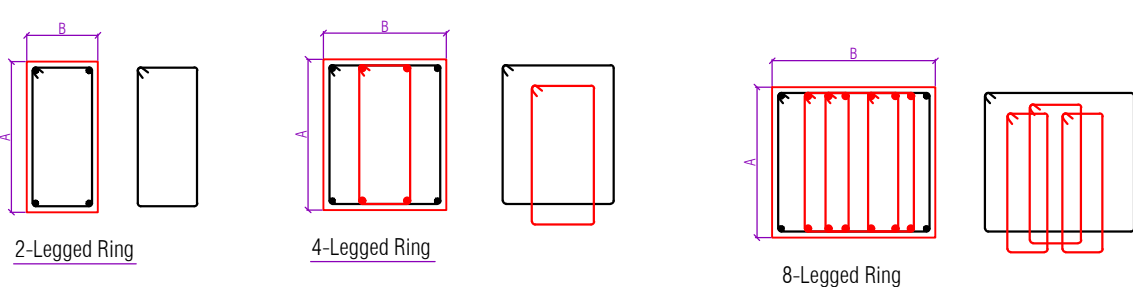
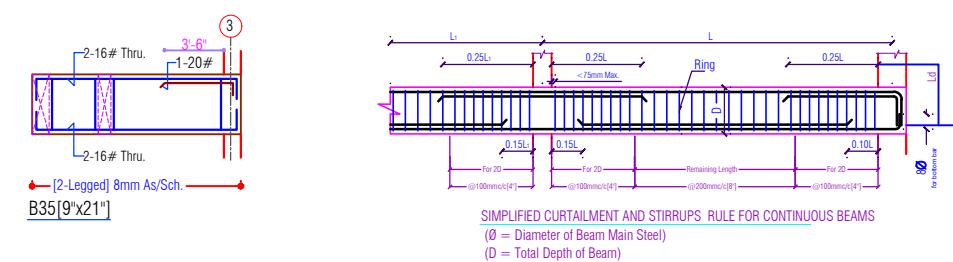
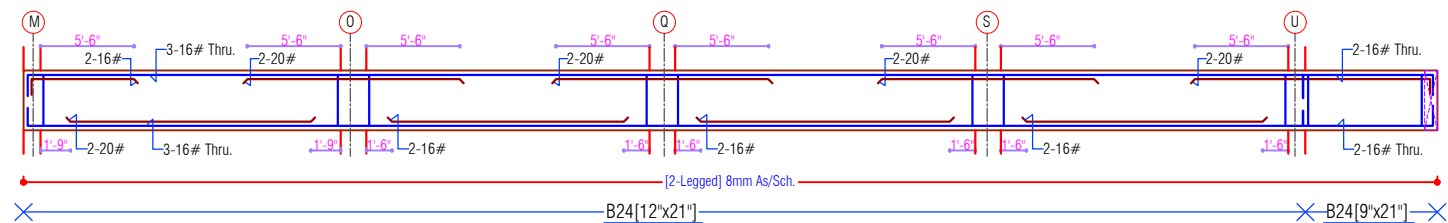
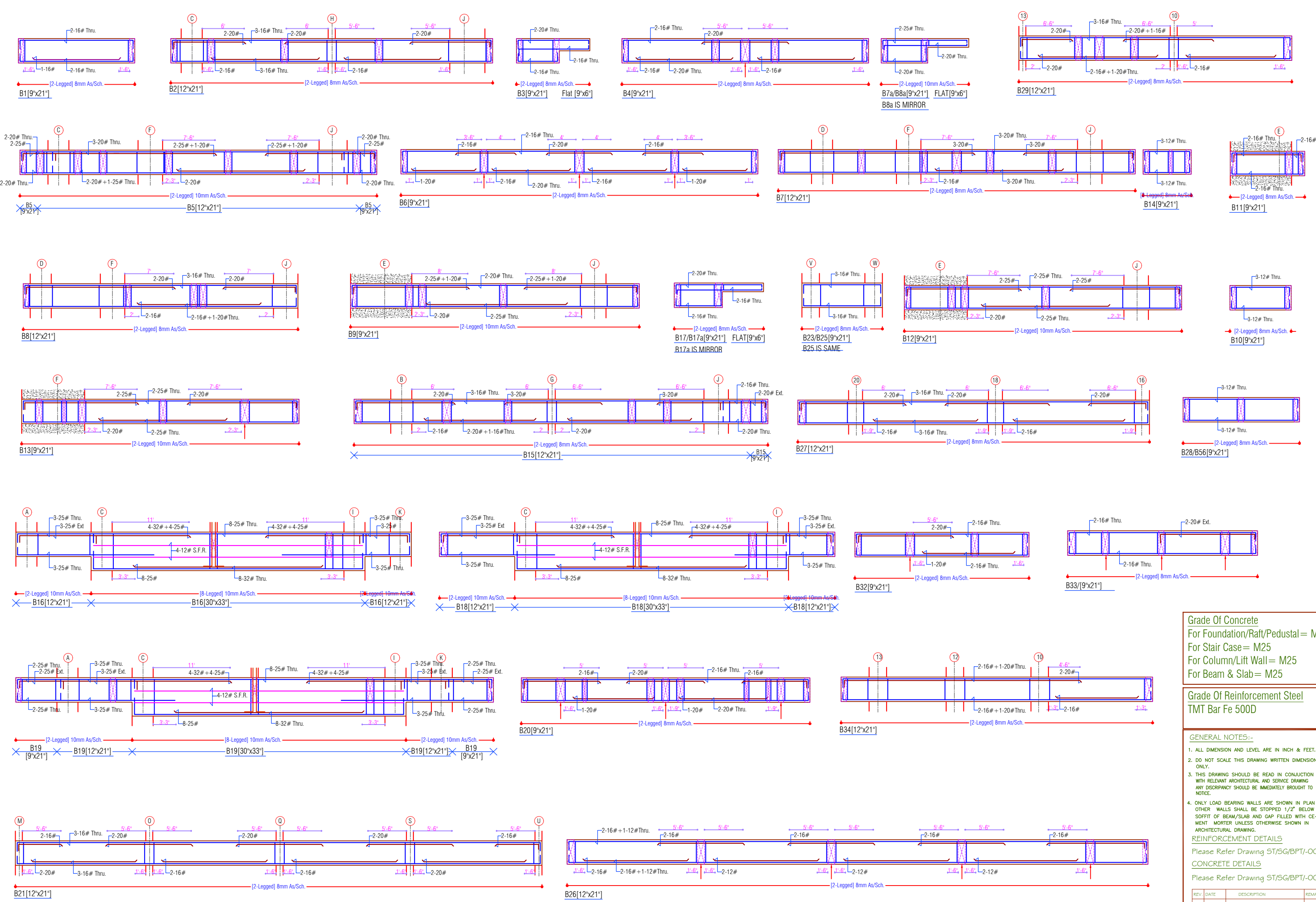
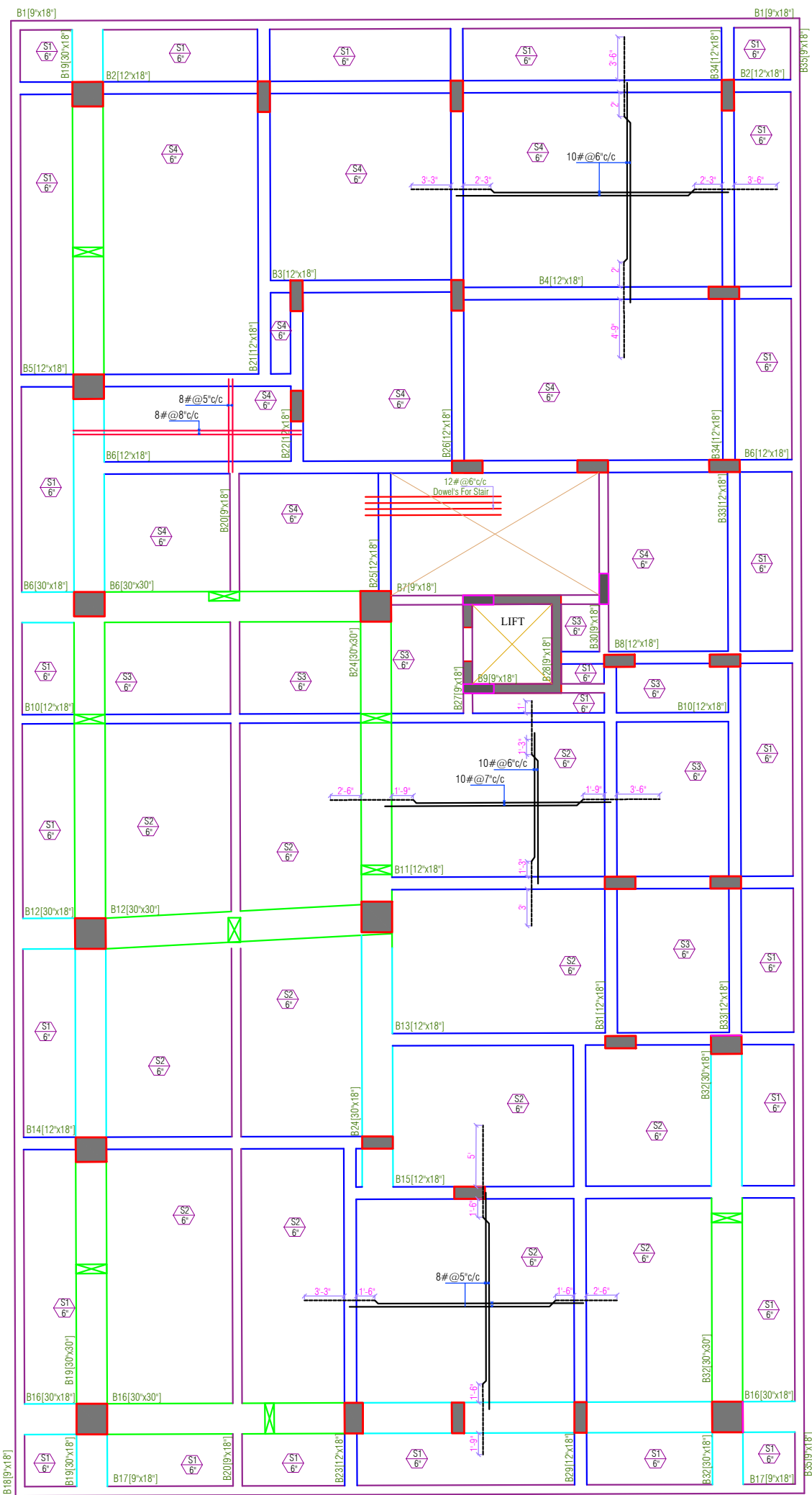
PROJECT TITLE:- ARYA SHINE
PROPOSED RESIDENTIAL BUILDING AT PLOT NO. 7, IN
GROUP HOUSING PLOT KHASRA NO. 879 TO 884, VILLAGE
SHRI KISHANPURA, TEH.- SANGANER, JAIPUR

DRG. TITLE:-

PLINTH BEAM LAUOUT & DETAIL

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST/SG/BPT/-05
DRAFT BY RUPESH KHORWAL	DESIGN BY RAHUL SHARMA
CHECKED BY RAHUL SHARMA	APPROVED BY MANISH GUPTA
DATE 16/01/2023 PRINT01/2023	JOB.NO. NORTH

SG STRUCTURES
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 500D

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

REV.	DATE	DESCRIPTION	REMARKS
R1			
R2			
R3			
R4			

CLIENT:-

OPULENT CONSTRUCTIONS

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

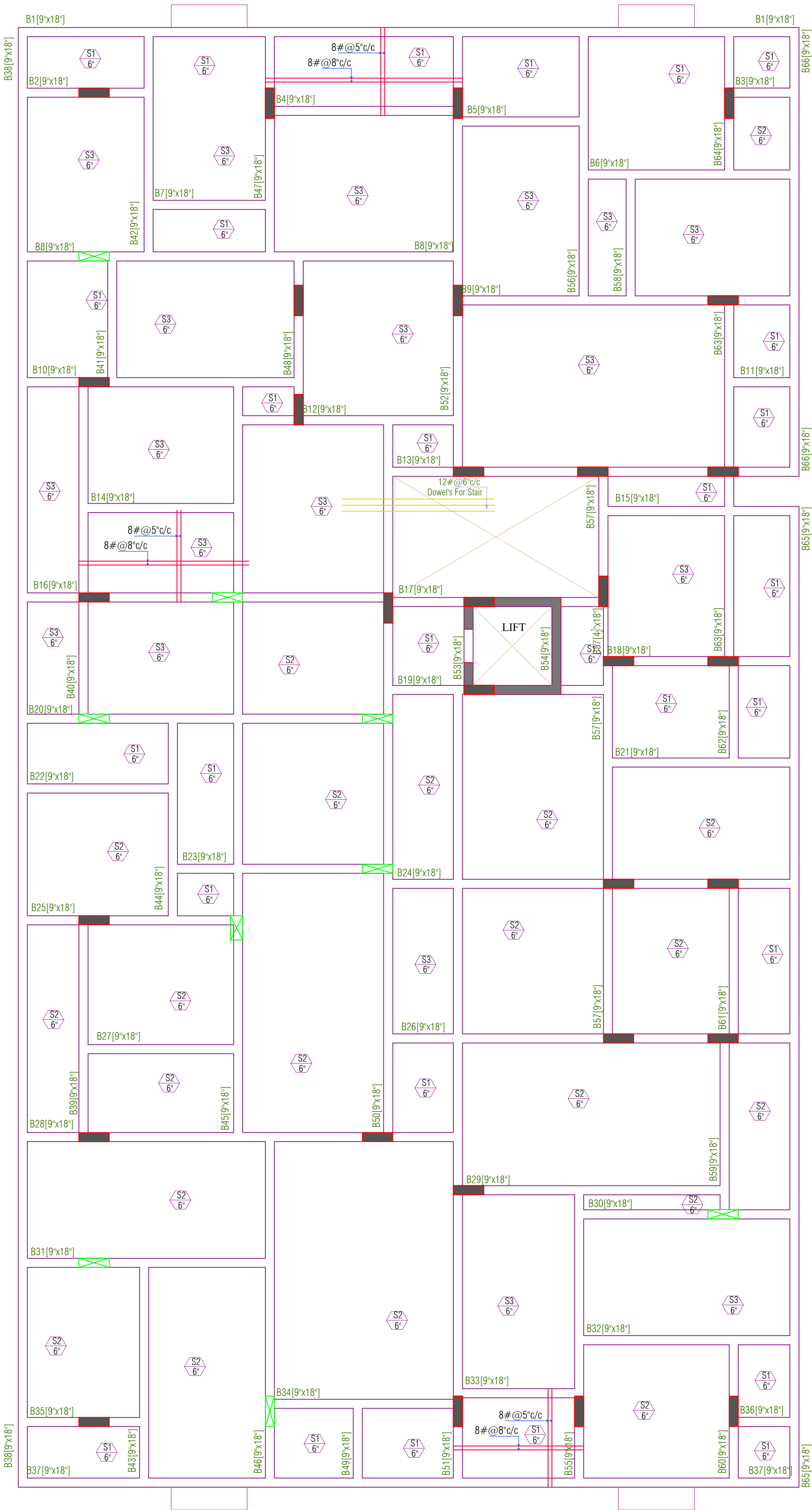
STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36, 1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SHELA PARK, NEW SANGANER ROAD, JAIPUR-302019
E-mail- sg_structures@gmail.com
Tel- 0977202219, 0141-2297076

PROJECT TITLE:- ARYA SHINE
PROPOSED RESIDENTIAL BUILDING AT PLOT NO. 7, IN
GROUP HOUSING PLOT KHASRA NO. 879 TO 884, VILLAGE
SHRI KISHANPURA, TEH - SANGANER, JAIPUR

DRG. TITLE:-
STILT FLOOR ROOF BEAM DETAIL

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1:5M Designed For S+8	ST/SG/BPT/-06
DRAFT BY RUPESH KHORWAL	DESIGN BY RAHUL SHARMA
CHECKED BY RAHUL SHARMA	APPROVED BY MANISH GUPTA
DATE 16/01/2023	JOB.NO.
PRINT01/2023	NORTH





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 500D

- 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 DISCRIPANCY 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 CE-MENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS
Please Refer Drawing ST/SG/BPT/-OO

CONCRETE DETAILS
Please Refer Drawing ST/SG/BPT/-OO

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:-
OPULENT CONSTRUCTIONS

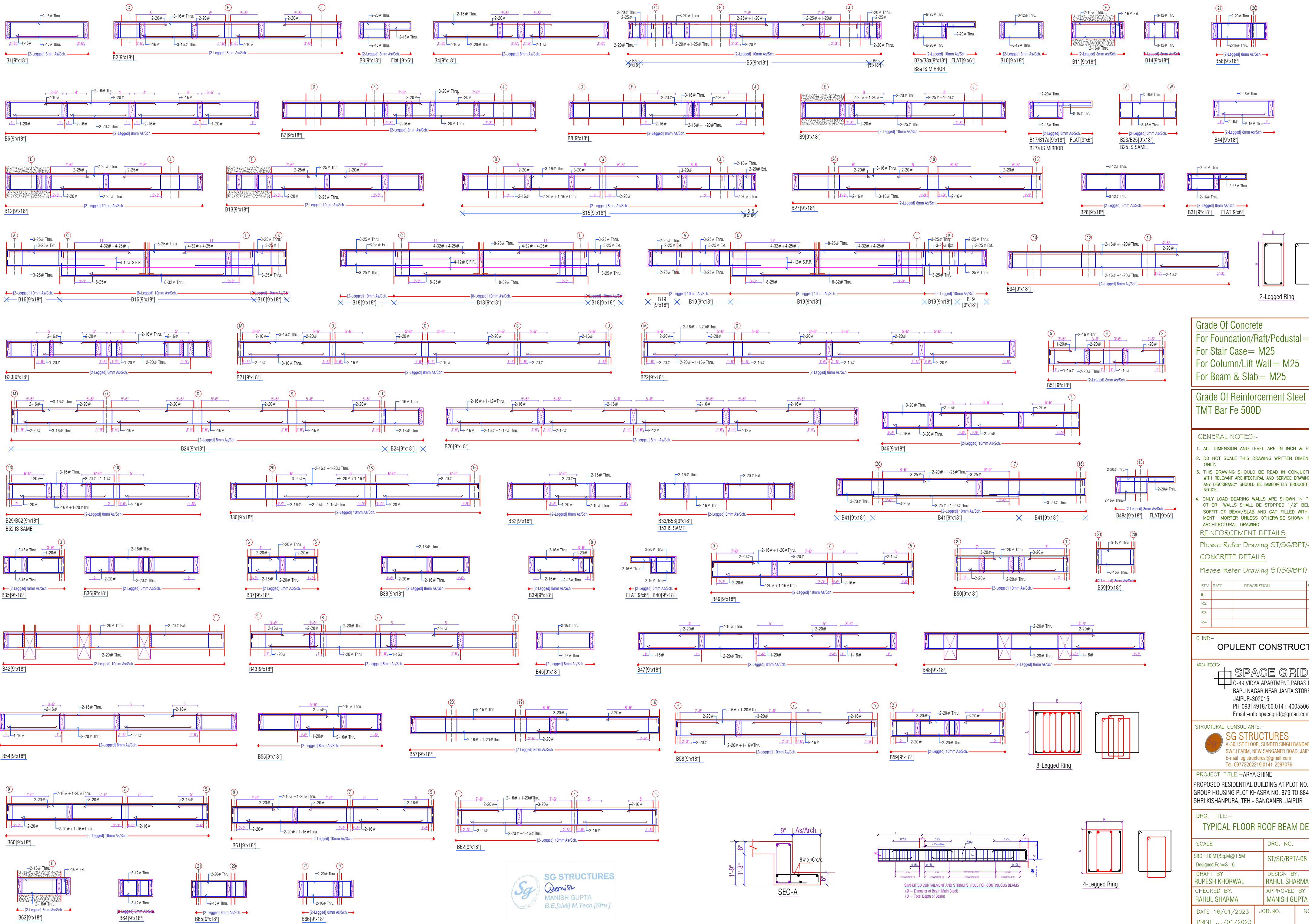
ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (0)
Email:-info.spacegrid@gmail.com

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

PROJECT TITLE:-ARYA SHINE
PROPOSED RESIDENTIAL BUILDING AT PLOT NO. 7, IN
GROUP HOUSING PLOT KHASRA NO. 879 TO 884, VILLAGE
SHRI KISHANPURA, TEH.- SANGANER, JAIPUR

DRG. TITLE:-
TYPICAL FLOOR ROOF LAYOUT

SCALE	DRG. NO.	
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST/SG/BPT/-07	
DRAFT BY RUPESH KHORWAL	DESIGN BY. RAHUL SHARMA	
CHECKED BY. RAHUL SHARMA	APPROVED BY. MANISH GUPTA	
DATE 16/01/2023 PRINT /01/2023	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 500D

- GENERAL NOTES:-
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REINFORCEMENT DETAILS
Please Refer Drawing ST/SG/BPT/-00
CONCRETE DETAILS
Please Refer Drawing ST/SG/BPT/-00

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

CLINT:-
OPULENT CONSTRUCTIONS

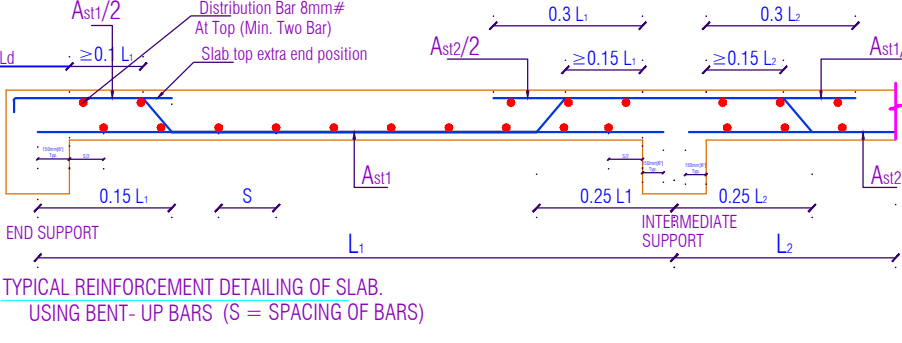
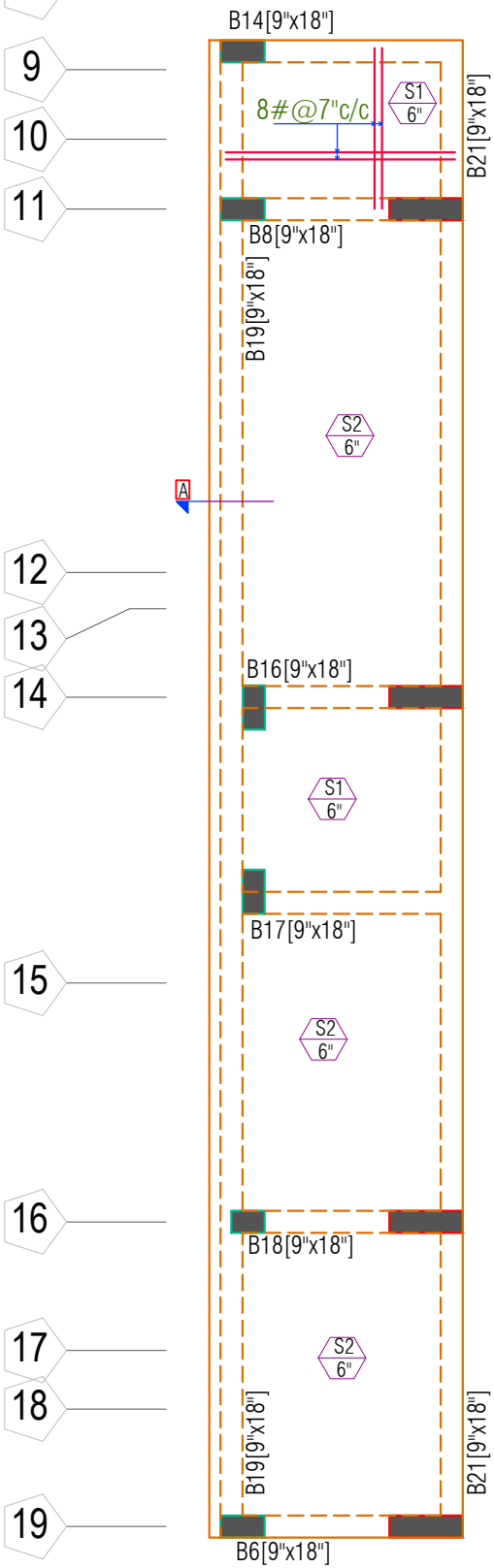
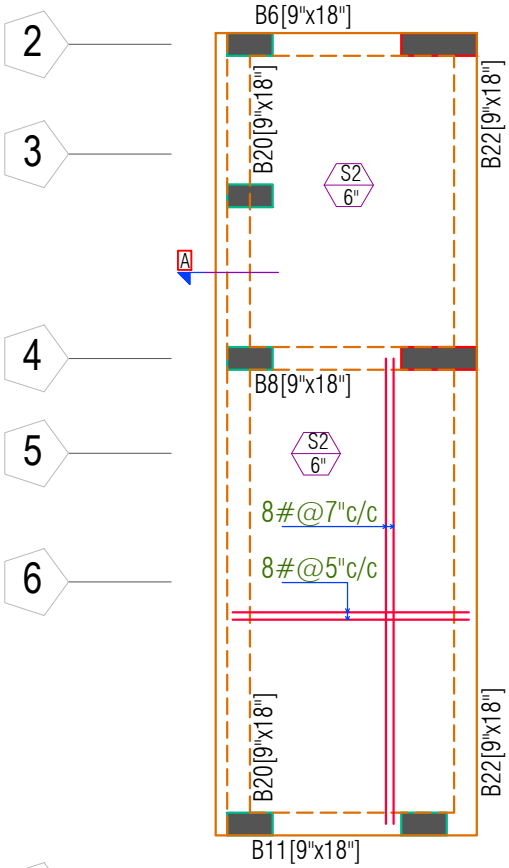
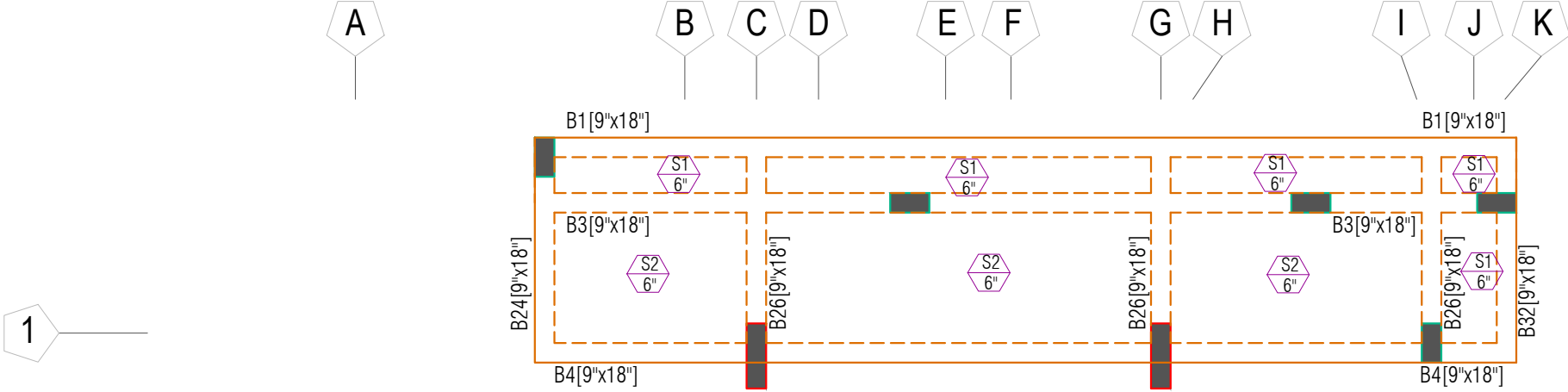
ARCHITECTS:-
SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA STORE CIRCLE,
JAIPUR-302015
PH-09314918766,0141-4005506 (0)
Email:-info.spacegrid@gmail.com

STRUCTURAL CONSULTANTS:-
SG STRUCTURES
A-36,1ST FLOOR, SUNDER SINGH BANDARI NAGAR,
SWEJI FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail:-sg.structures@gmail.com
Tel: 0972202219,0141-2297076

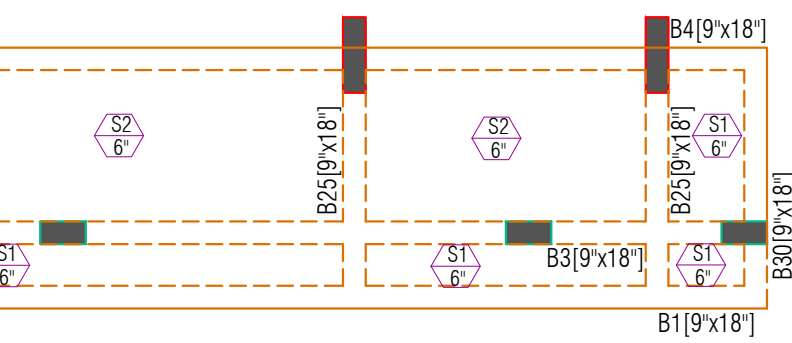
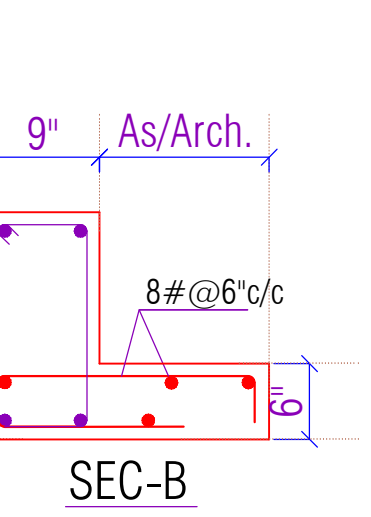
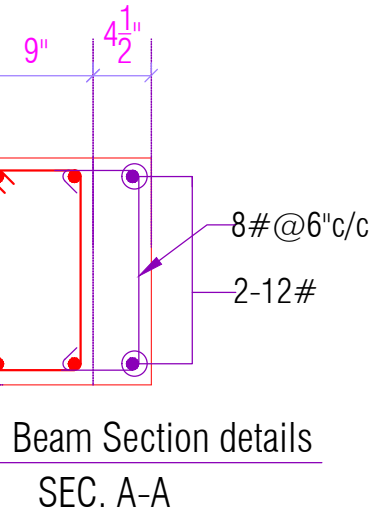
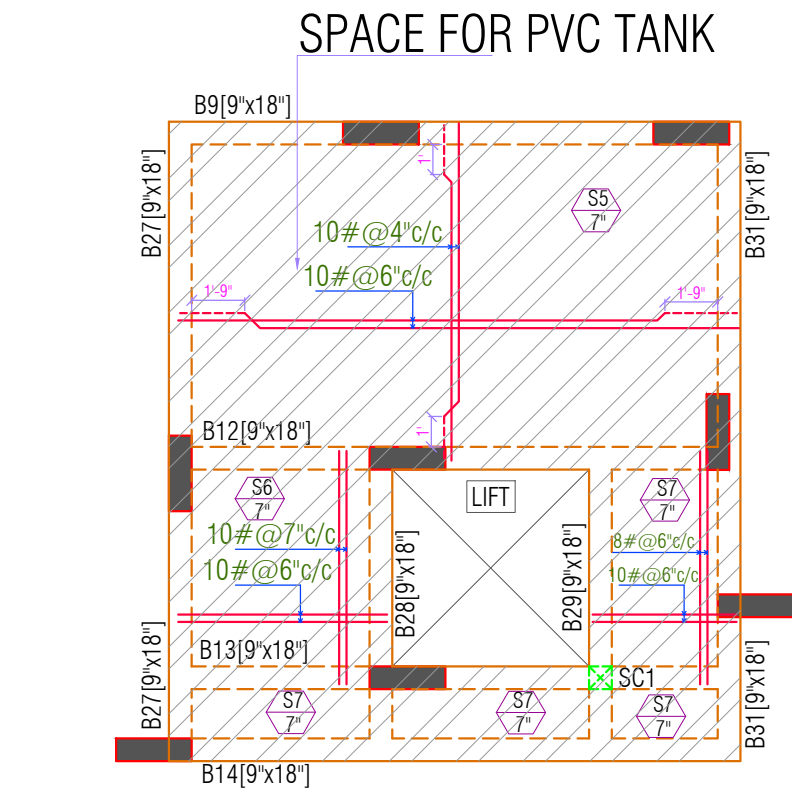
PROJECT TITLE:-**ARYA SHINE**
PROPOSED RESIDENTIAL BUILDING AT PLOT NO. 7, IN
GROUP HOUSING PLOT KHASRA NO. 879 TO 884, VILLAGE
SHRI KISHANPURA, TEH.- SANGANER, JAIPUR

DRG. TITLE:-
TYPICAL FLOOR ROOF BEAM DETAIL

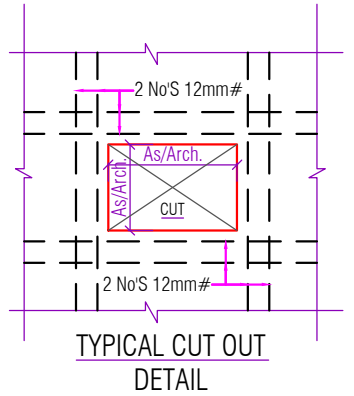
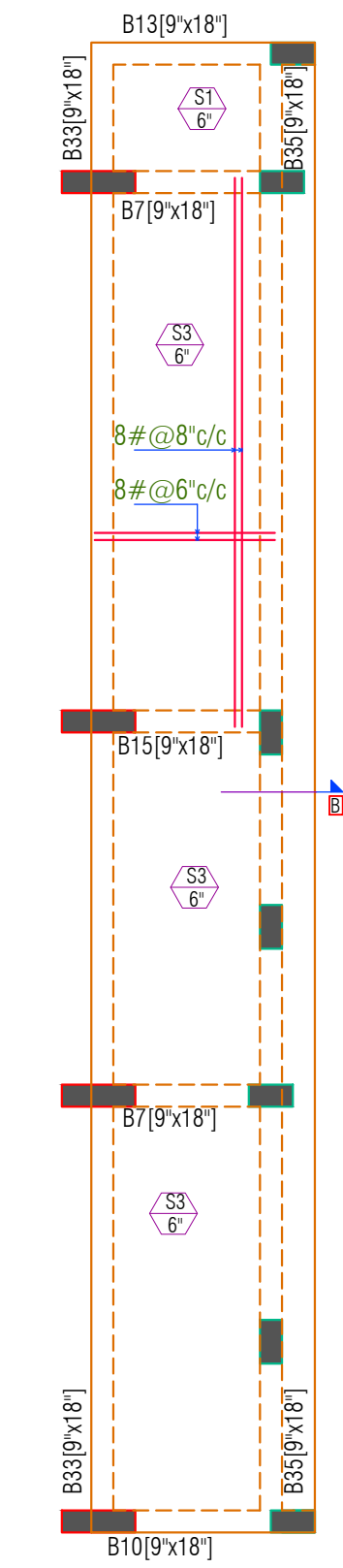
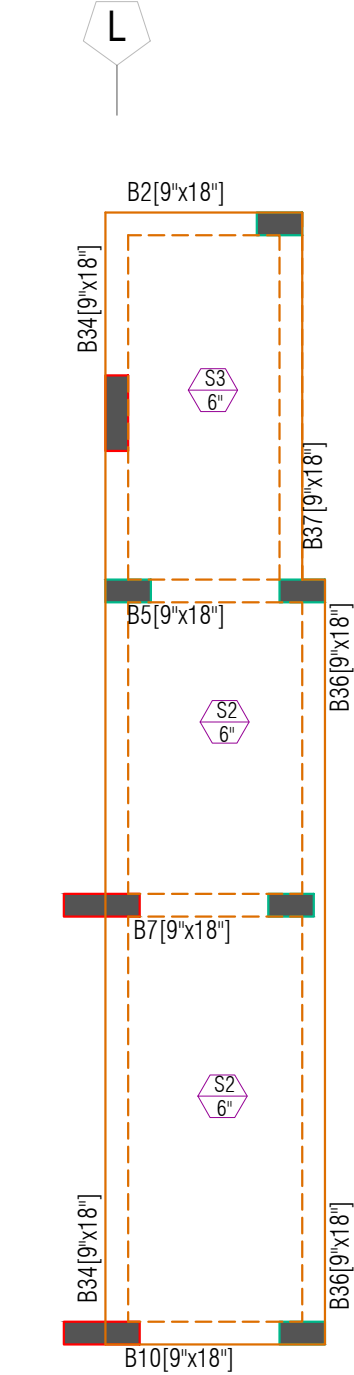
SCALE	DRG. NO.
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DRAFT BY RAJESH KHORWAL	DESIGN BY RAHUL SHARMA
CHECKED BY RAHUL SHARMA	APPROVED BY MANISH GUPTA
DATE 16/01/2023	JOB.NO.
PRINT .../01/2023	NORTH



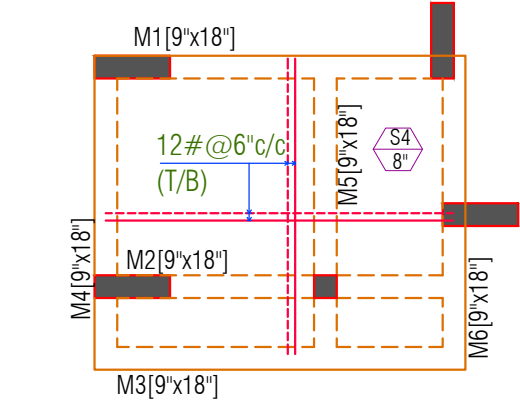
TYPICAL REINFORCEMENT DETAILING OF SLAB.
USING BENT- UP BARS (S = SPACING OF BARS)



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



TYPICAL CUT OUT
DETAIL



MACHINE ROOM TOP PLAN

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 500D

- 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 DISCRIPANCY 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 CE- MENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.
- REINFORCEMENT DETAILS
Please Refer Drawing ST/SG/BPT/-OO
- CONCRETE DETAILS
Please Refer Drawing ST/SG/BPT/-OO
- | REV. | DATE | DESCRIPTION | REMARK |
|------|------|-------------|--------|
| R1 | | | |
| R2 | | | |
| R3 | | | |
| R4 | | | |

CLINT:-
OPULENT CONSTRUCTIONS

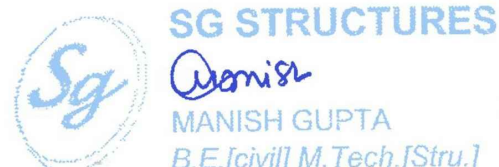
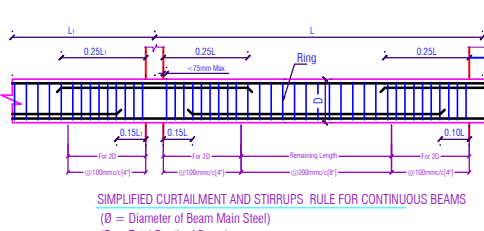
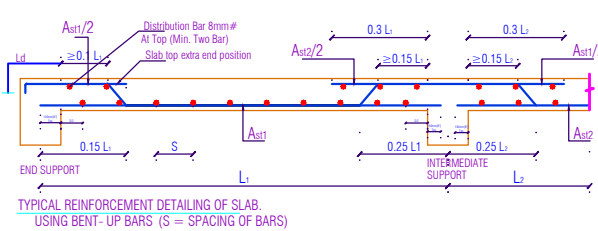
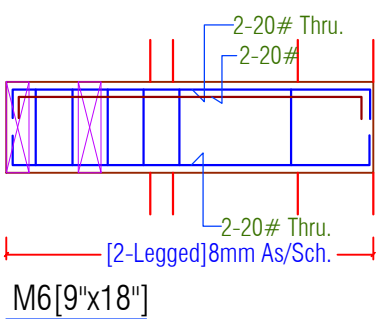
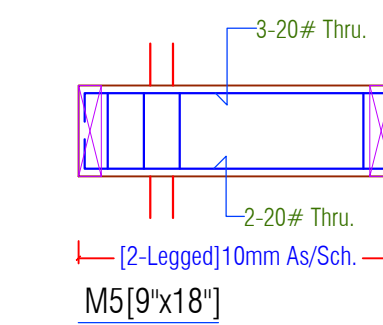
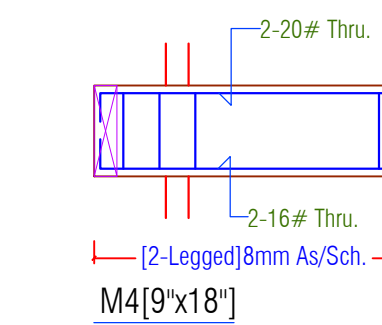
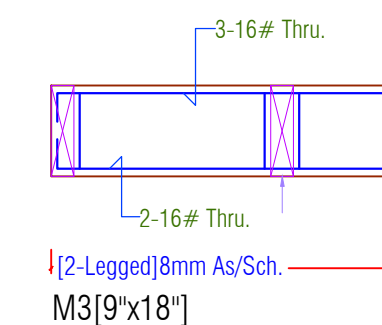
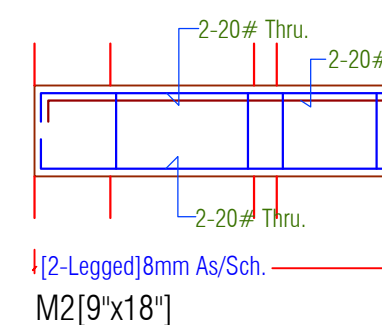
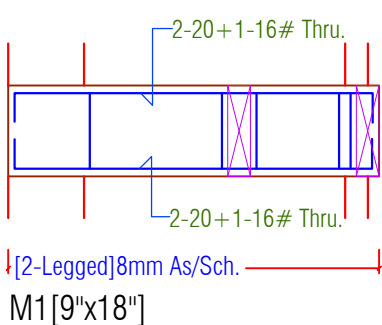
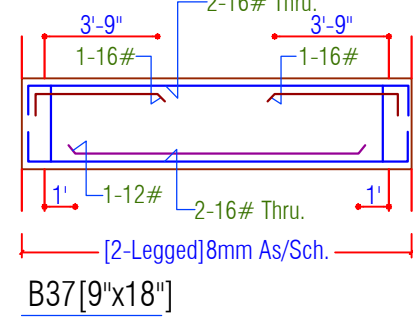
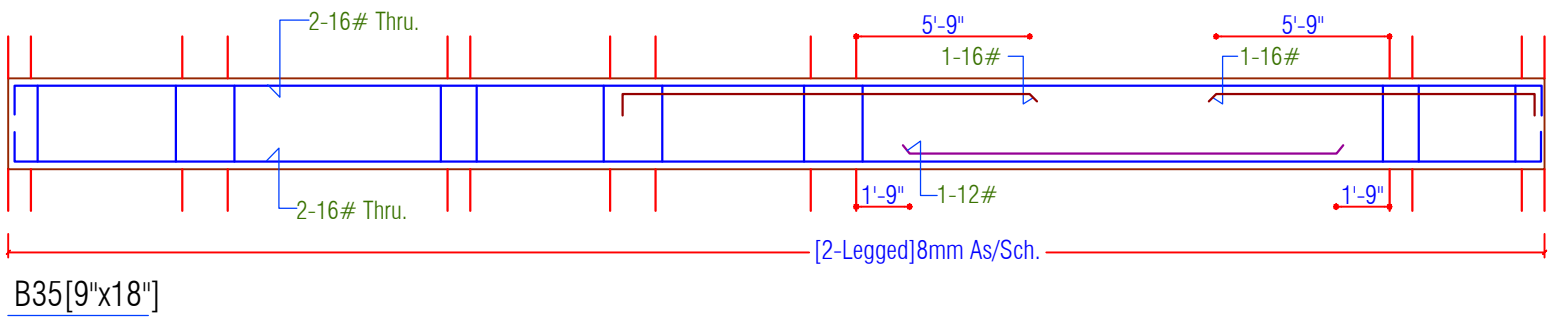
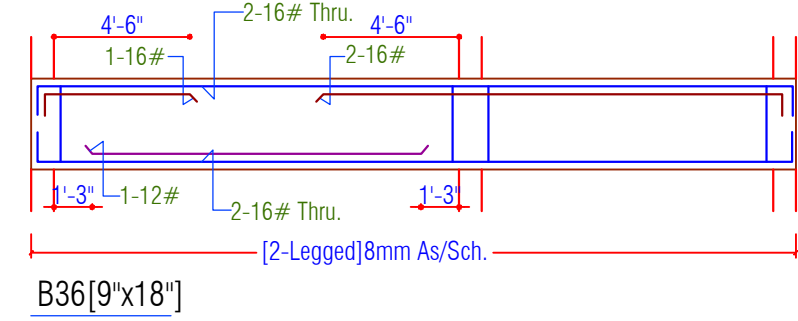
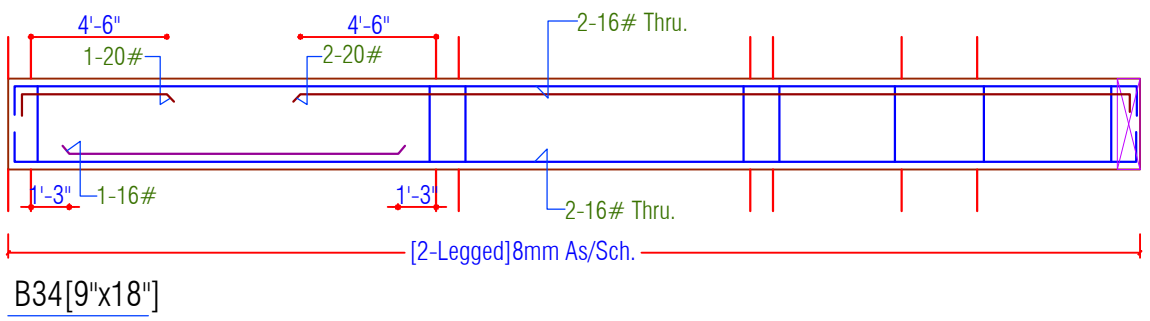
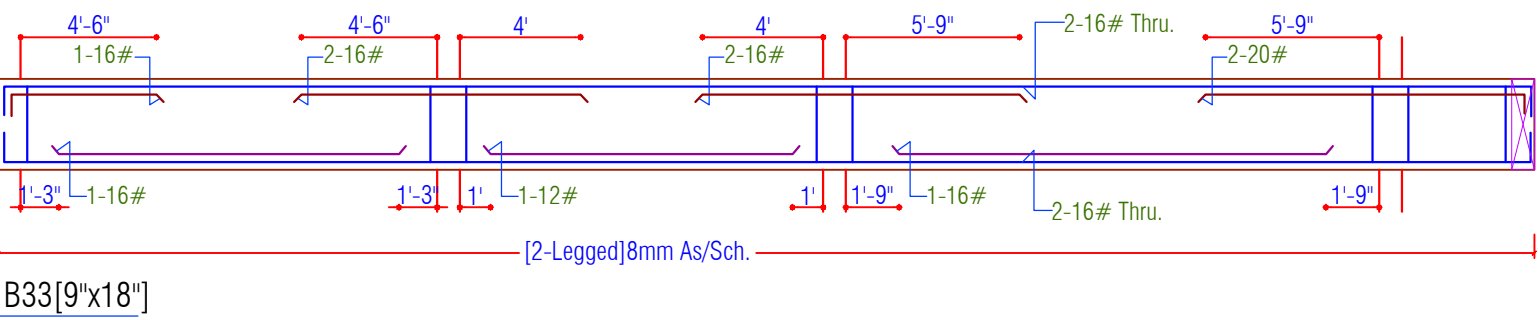
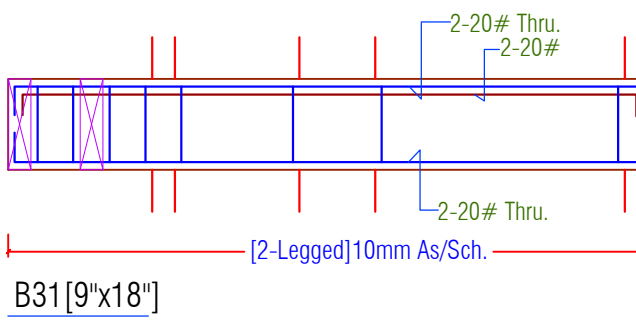
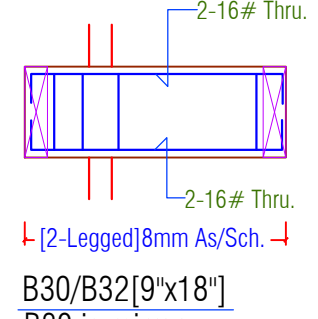
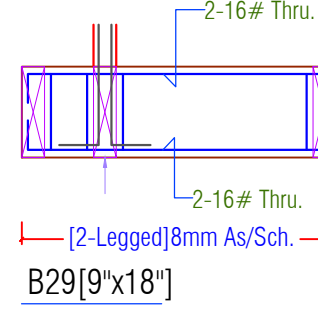
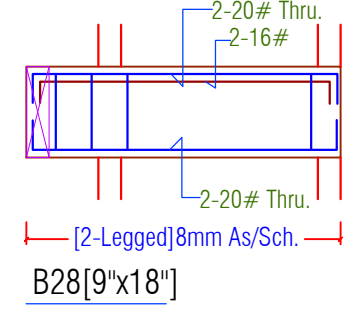
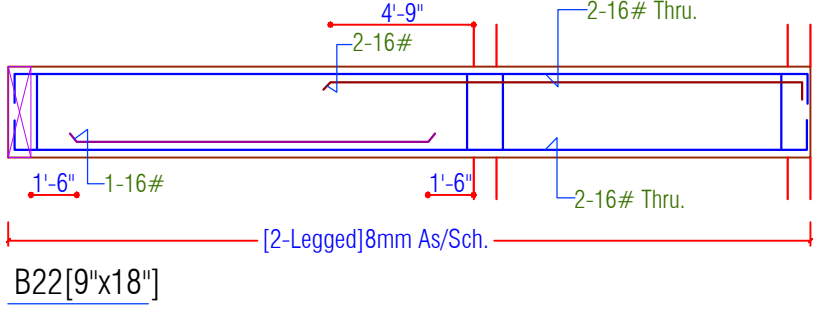
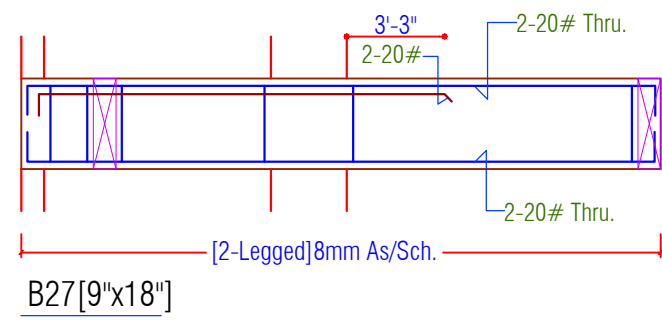
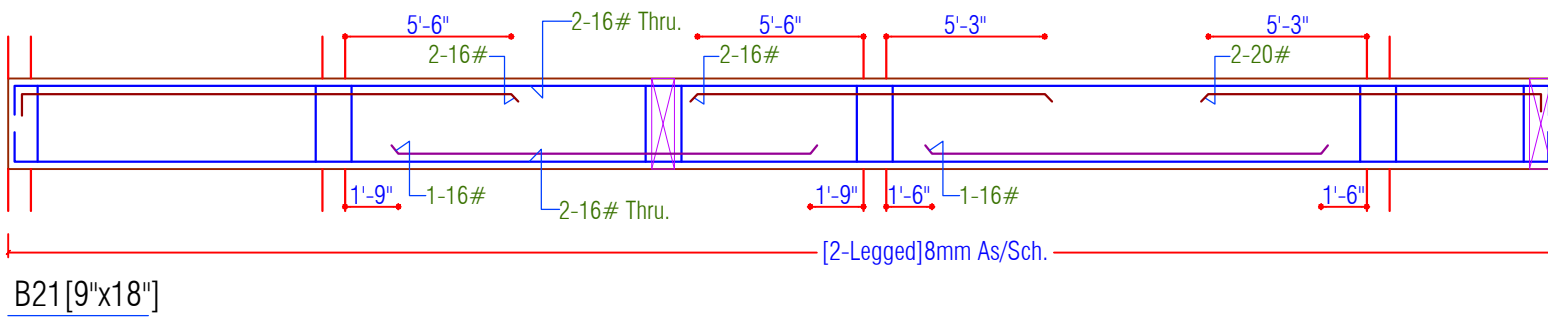
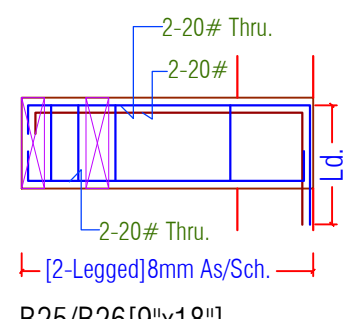
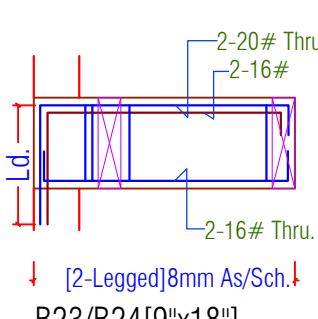
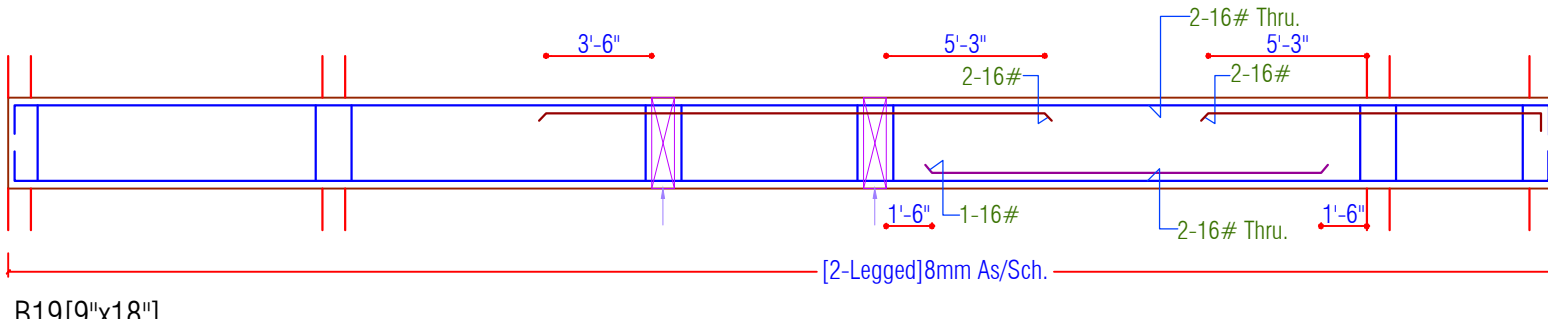
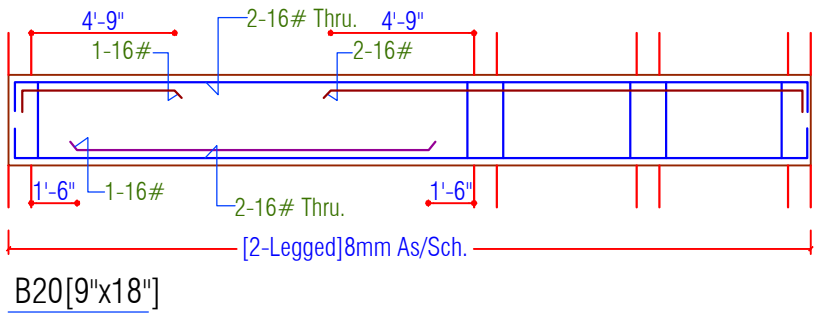
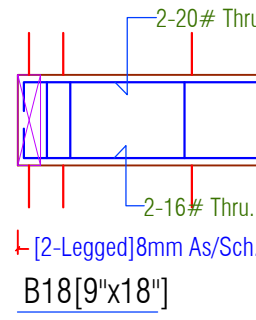
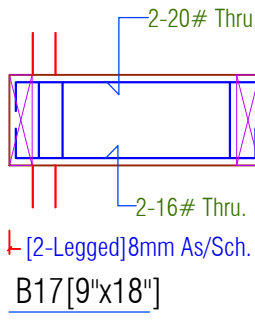
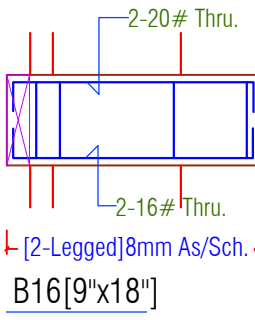
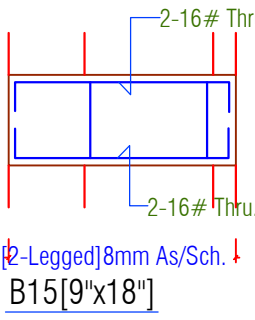
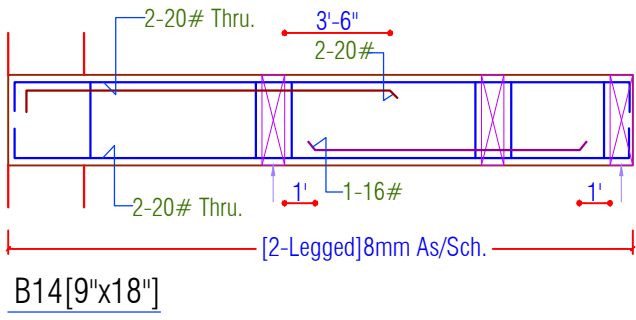
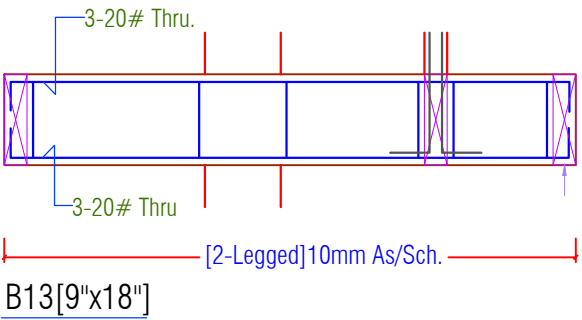
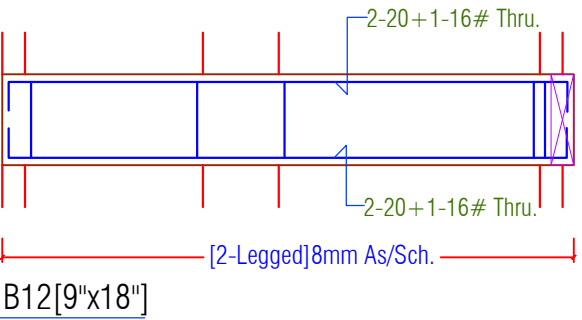
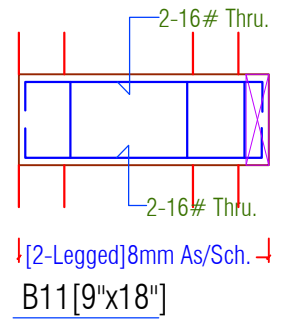
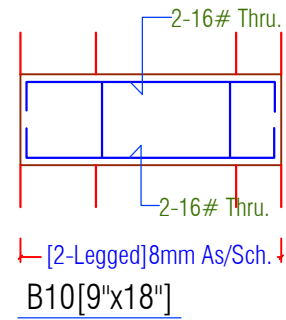
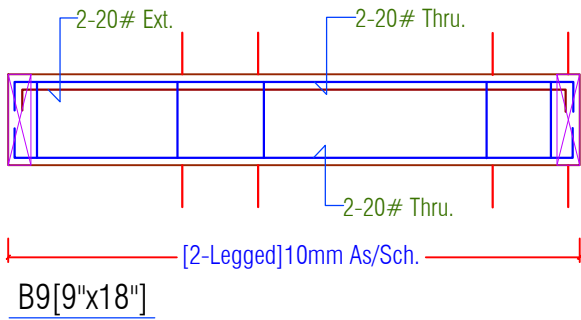
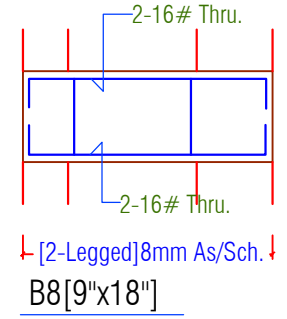
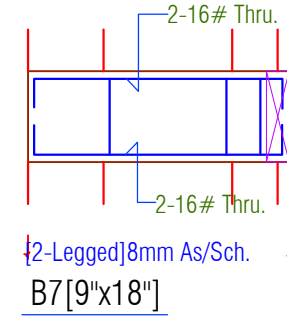
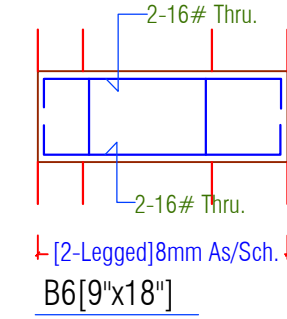
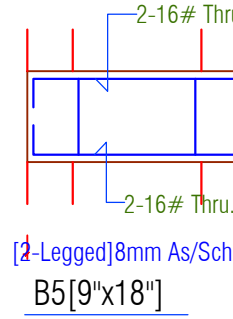
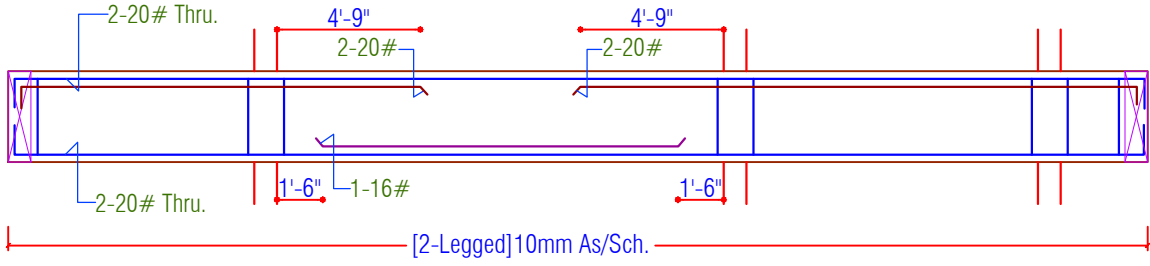
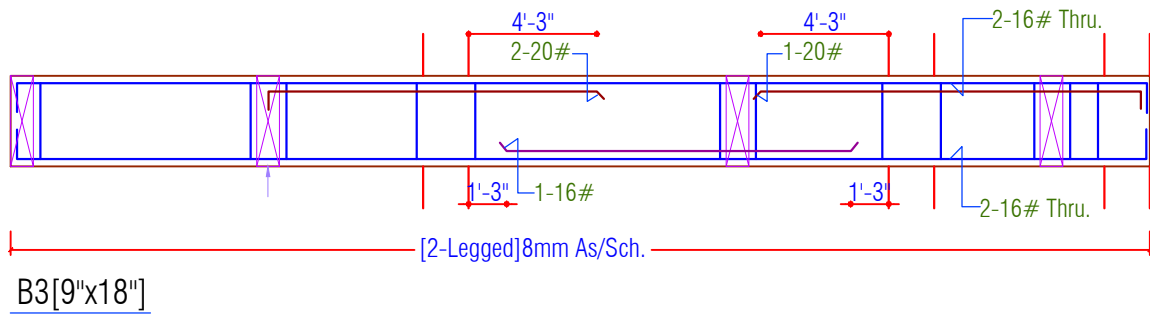
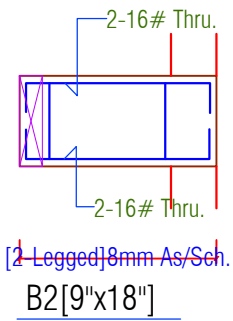
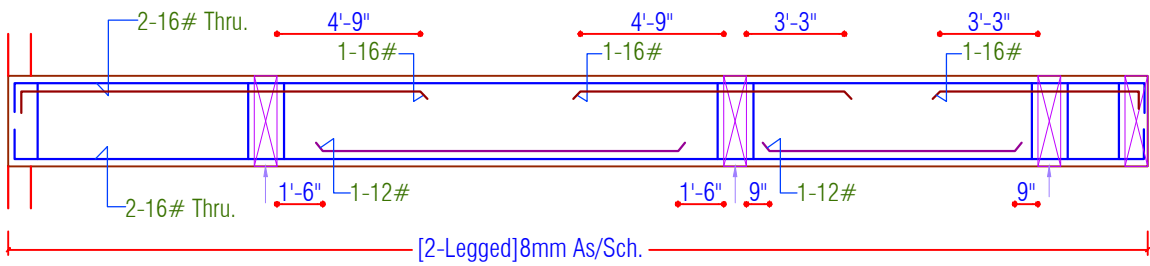
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SWEJ FARM, NEW SANGANER ROAD, JAIPUR-302019
E-mail: sg.structures@gmail.com
Tel: 09772202219,0141-2297076

PROJECT TITLE:-ARYA SHINE
PROPOSED RESIDENTIAL BUILDING AT PLOT NO. 7, IN
GROUP HOUSING PLOT KHASRA NO. 879 TO 884, VILLAGE
SHRI KISHANPURA, TEH.- SANGANER, JAIPUR

DRG. TITLE:-
ELEVATION & MUMTY BEAM LAYOUT

SCALE	DRG. NO.
SBC=10 MT/Sq.M@1.5M Designed For=S+6	ST/SG/BPT/-09
DRAFT BY DALIP JANGIR	DESIGN BY. RAHUL SHARMA
CHECKED BY. RAHUL SHARMA	APPROVED BY. MANISH GUPTA
DATE 09/06/2023 PRINT06/2023	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 500D

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/BPT/-OO
CONCRETE DETAILS

Please Refer Drawing ST/SG/BPT/-OO

REV.	DATE	DESCRIPTION	REMARK
R1			
R2			
R3			
R4			

CLINT:-
OPULENT CONSTRUCTIONS

ARCHITECTS:-
SPACE GRID
C-49, VIDYA APARTMENT, PARAS MARG,
BAPU NAGAR, NEAR JANTA STORE CIRCLE,
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