REINFORCING STEEL

- All steel shall be Fe500 N/mm2.
- Fix Reinforcement shown as shown in Drw's. The type and grade of Bar's indication, The Numerical following indicates size of bar's in millimeters.
- All Reinforcement to be firmly supported on approved chairs generally at not greater then 1000mm in both ways.
- All bars to be tied at intersections.
- Length of Reinforcement Bar's indicated on the Drw's are for the straightened out of shape.
- Where lap length not shown for main bars &/or cross rebars, is shall be considered as 50x dia of smaller bar of two bars in lap.
- Anchorage length if not specified in Drw's, shall be considered as 50x dia of smaller bar.
- In any case welding shall not be permitted in case other then specified on Drw's.
- Reinforcement shall not be continuous through contraction,expansion joint & through shrinkage and thermal strips if any.

CONCRETE STRUCTURE

- Shall meet all the requirements of IS - 456:2000 code.
- All procedure i.e bending, binding, centering, shuttering, formworks,lap, joints etc. to confirm with latest IS standards mechanically vibrate all concrete.
- Concrete mix design shall be a design mix in compliance with IS-10262-1982, based on 28days characteristic strength.
- Water to be used in concrete work should be clean & free from injurious oil's, acid's, alkalis, salt's, sugar, organic materials & other substances may be deleterious to the concrete or steel.
- Admixture : Accelerating Admixture, Retarding Admixture's, Water reducing admixture air entering admixture & super plasticizer shall comply with IS:9103-1999
- Workability of concrete shall be measured in accordance with IS:1199-1959/99.
- Durability of concrete shall be as per clause no - 8.1 & clause no - 8.2 of IS - 456:2000.
- Mini 6 No's of concrete cubes shall be taken on each day of the concreting and or each of 50Cu.M of concrete as decided by consultant these cubes shall be tested in a approved lab only.
- Any discrepancy found between Drw's and any one of the documents mentioned i.e relevant architect Drw's, services Drw's tender conditions,material & workmanship specification & any such written instruction - shall be brought to notice of the consultant prior to the execution of the work, & proper clarification shall be sought regarding the same.
- Only Drw's issued by HRK_Designs Structure Consultants India Pvt.ltd printed on paper & stamped shall be termed as a valid for the following them for execution Drw's on any other media, including on the floppy/hard disk,CD's. shall be treated as only for the information,& shall not be used as a valid for execution.
- While executing the Structure other Drw's shall also be referred.
  (a) Size & location of all doors & windows openings.
  (b) Size & location of all interior & exterior non bearing partition walls.
  (c) Depressed areas change in LVL, chamfer's, grooves, insert's etc.
  (d) Dimension not shown on structure Drw's.
  (e) Size of openings like doors, windows & ventilators.
  (f) Refer to plumbing,electrical,mechanical Drw's for the following work item's.
- During concreting proper water/cement (W/C) ratio shall be maintained & check for slump test as well. proper workability of concrete shall be achieved, Needle vibrator shall be used while concreting.
- During site execution when Reinforcement bars for toilets are to be placed shall be checked in a manner it should properly shall be aligned with the dimensions & overlapping shall be done as per detailed Drw's and specification.
- During or while on going construction if or any as per site situations changes are required shall be immediately brought under Architect/team's under notice & same shall be brought under HRK_Designs Structure Consultants India Pvt.Ltd Team's under written notice.
- Drawings issued & signed shall be finally considered for the execution any other format of Drw's in any manner like floppy disk, compact disk or any other means data shall be considered only for study purposes shall not be considered final for the execution.

As per IS Code 456-2000
Overlapping length should not be less than 75mm.
Lapping should be avoided in tensile zone of structure members.
Overlapping length of Reinf.
Column: 48d
Beam: 50d
Slab: 50d

GENERAL NOTES

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2 - FIGURES & DIMENSIONS TO BE FOLLOWED.
3 - ALL DIMENSIONS ARE FEET's & INCH's UNTIL & UNLESS SPECIFIED.
4 - ALL REINFORCEMENT FOR RCC SHALL BE TMT BARS OF GRADE Fe 300 & ABOVE ONLY AS SPECIFIED IN IS:1786.
5 - ALL RCC CONCRETE SHALL BE AS PER IS - 456.
6 - CLEAR COVER SHOULD BE AS PER FOLLOWING SPECIFIED
(A) SLAB - 20mm (B) BEAMS TOP & BOTTOM- 30MM (C) BEAM SIDES - 25mm (D) - COLUMNS - 40mm (E) - FOOTINGS (Sides) - 50mm.
7 - WATER USED FOR CONCRETING SHALL MEET CL - 5.4 IS - 456.
8 - DEVELOPMENT LENGTH SHALL BE 48D (D - DIA OF BAR IN mm).

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TENDER	
G.F.C	☒
DOCUMENT	

SHEET - A GENERAL LAW's	G+5 Community hall @ Unnao UP
SCALE - NTS	R-0

SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	LIST OF CONTENT
Drw - 1	Reinforcement Details As Per IS : 456
Drw - 2	Concrete Law's
Drw - 3	General Law's

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

CHK	DRW
AKA	PH
HRKD/GFC/11/21/23	
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INDEX

******General Notes******

- During Excavation if Black Cotton Soil/Loose Soil/Gravels Soil /Soft Soil/ Clay Soil is found then it should be immediately brought under Architect/Structure Team(s) Notice immediately.
Both Coarse Aggregate & Fine Aggregate shall be locally brought after specifically meeting IS Standards
Nominal size of Coarse aggregate or Black Stones or Kapchi used for Concreting should not be more then 20 to 25mm else it should be brought under notice before usage
Fine Aggregate shall be proper dry yellow silt sand having sharp edge's, free from earth, silt, clay & organic vegetables
Density of Aggregate shall be 2000Kg/M3 to 3000Kg/M3
Concreting for Footings Foundation & Pedestals should be permitted only after through surface cleaning
Concreting for Plinth Beams should be permitted only after through Surface cleaning
Concreting for Slab & Slab Beams should be permitted only after through Surface cleaning & Preparation of proper tools & Mechanism for lifting at particular location
Needle Vibrator shall be used thoroughly for the Concrete compaction purposes. So that no honey combing is observed after concreting
Water used for mixing should be clean, free from oils, Acid, Alkalis, Salt's, Sugar, organic matters.
Water/Cement (W/C) ratio should be used as per the specified ratio & usage
No admixture's or Chemical should be used for concreting without any prior notice to Architect/Structure Consultants & Concerting Agency
Mini 6No's of Concrete cube's should be taken for Testing purposes.
Strength of Concrete should be taken in consideration on 28th Day of concerting.
Curing Should be done mini 3times in 1day
Any changes as per the site conditions & Situations should be immediately brought under Architect/Structrue Consultants Teams Notice prior to the work otherwise, it wont be Architect/Structure Team's responsibility
For any Size & Location of Door's, Window's Ventilator's, Water Pipelines, Sewage Pipes Exterior Connections Details Architect Drawing's shall be considered final
For any Structure Drawings & clarification Structure team should be brought under notice
Tender Conditions to Material Technical Specification & Requirements should meet as per Architect and Client's need
Concrete shall meet all the requirements as per IS 456:2000 Code
- Form work for the following should be removed as per following
Footings foundation - 14 days
Pedestals - 7Days
Columns - 7Days
Plinth Beams - (Sides) - 7Days, Slab - (Sides) - 7Days
Slab Beams - (Sides) - 14Days, Slab - (Bottom) - 14Days
Slab Beams - (Bottom) - 21Days

INDICATES HIGHER DIA BARS
INDICATES SMALLER DIA BARS

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DOCUMENT	

Grade of Concrete as per Usage

- Slab - M:20 (1:2:4)
- Columns - M:25 (1:1.5:3)
- Beams - M:25 (1:1.5:3)
- Footings - M:25 (1:1.5:3)
- Foundation-M:25 (1:1.5:3)
- Pedestals M:25 (1:1.5:3)

SHEET - B GENERAL LAW's & SPECIFICATIONS	G+5	Community hall @ Unnao UP	SCALE - NTS R-0

SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	LIST OF CONTENT
Drw - 1	INDEX
Drw - 2	GENERAL STRUCTURE
Drw - 3	GRADE OF CONCRETE

PROJECT BY:-
Ar Hassan Md. Ji
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CHK AKA	DRW PH
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d - Depth of Footing Pad
N.G.L - Natural Ground Level
Lx - Length Of Footing in X-direction
Ly - Length Of Footing in Y-direction
G.F - Ground Floor
F.F - First Floor
L - Length of Columns
B - Breadth of Columns

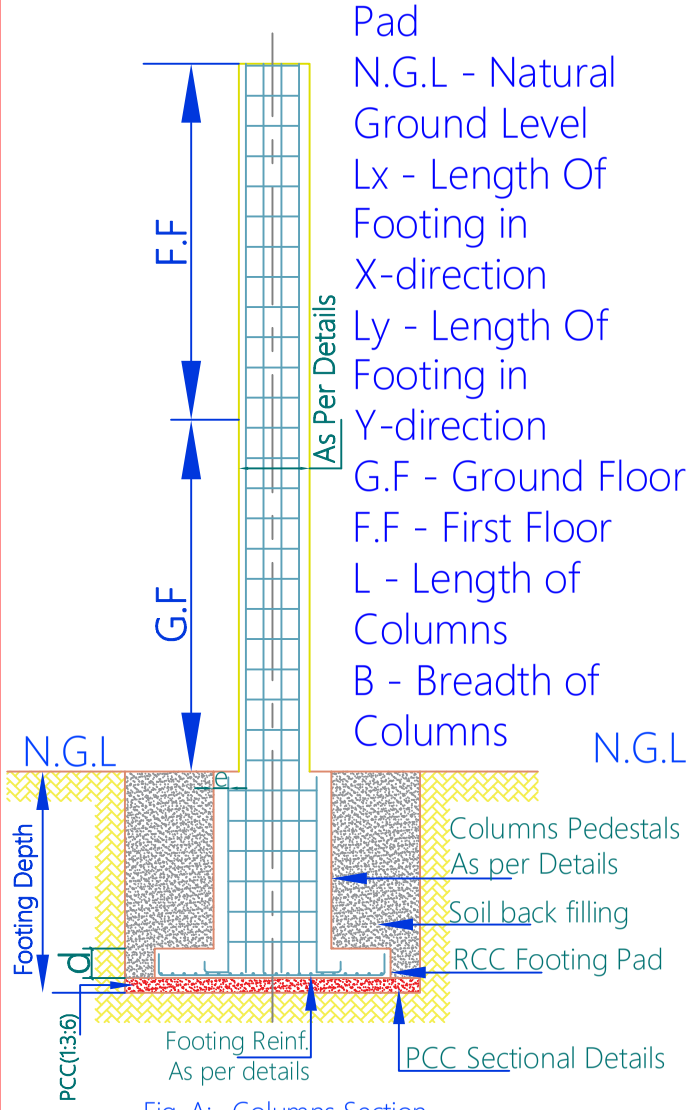
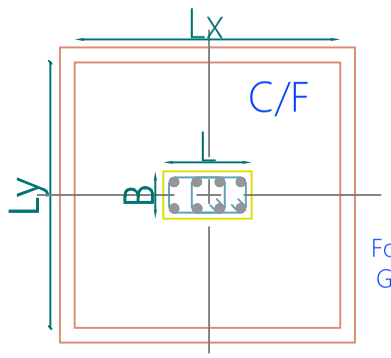


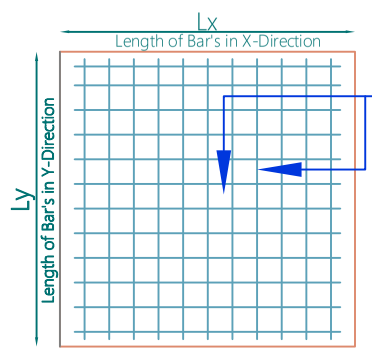
Fig-A:- Columns Section



COLUMN/FOOTING

Curing time: Min 7days
Formwork removal: 14days
Grade of cement: OPC 53

Fig-B:- Footing Pad Showing Reinforcement in X & Y Direction



Reinf. details as per details

Fig-C:- Footing Pad Showing Reinforcement in X & Y Direction

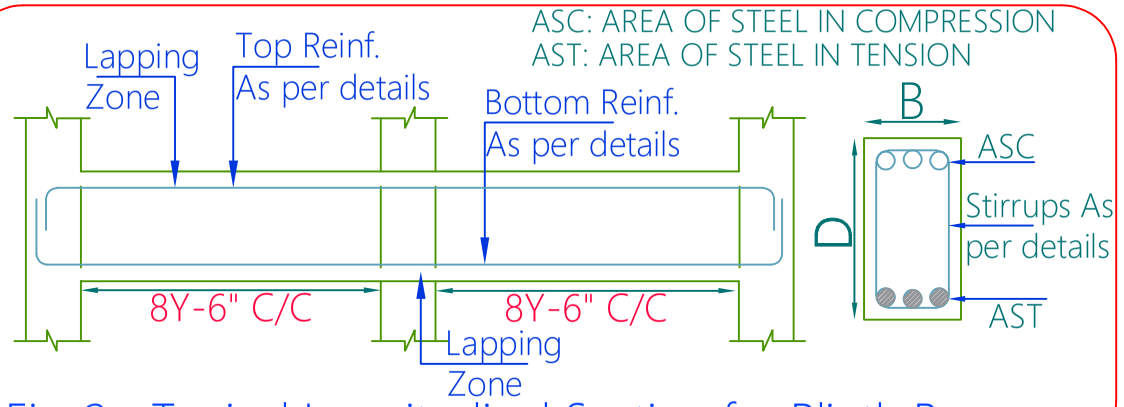


Fig-2:- Typical Longitudinal Section for Plinth Beams

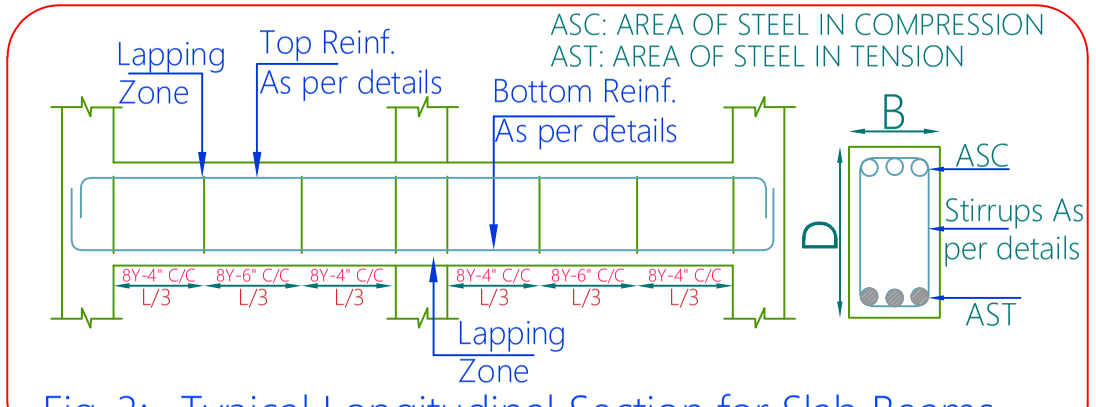
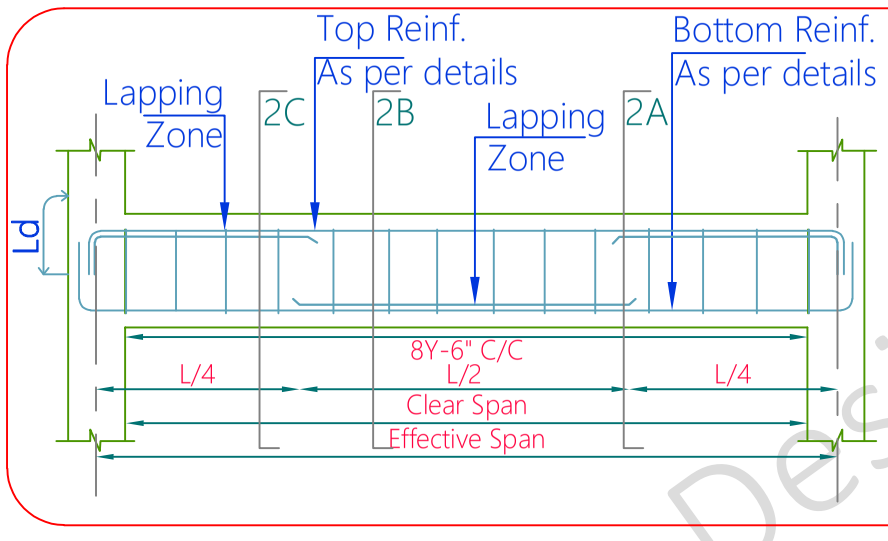


Fig-3:- Typical Longitudinal Section for Slab Beams



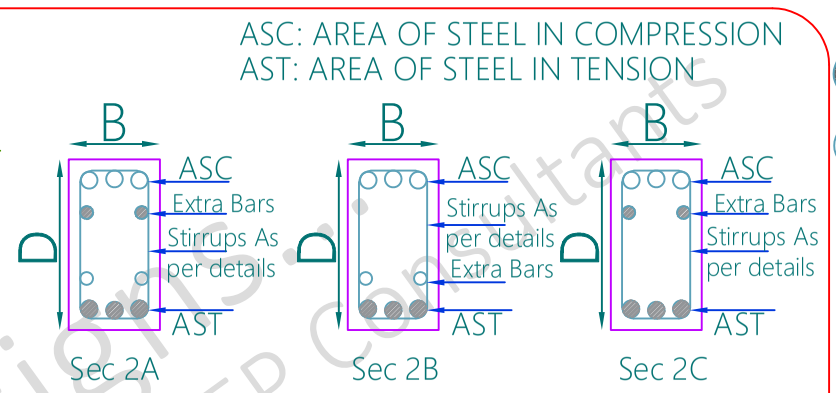
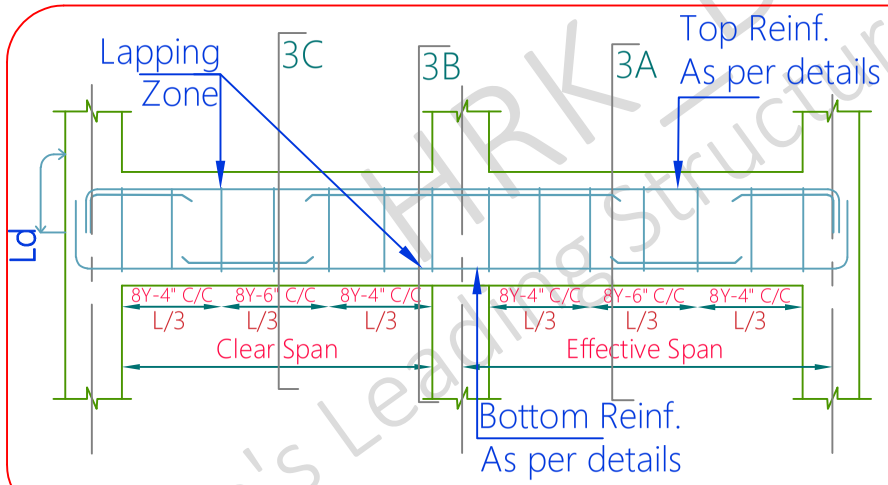


Fig-2:- Typical Longitudinal Section for Simply supported Beams



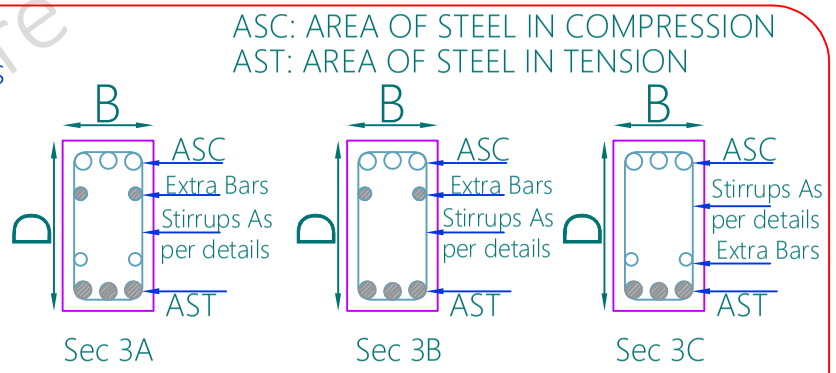


Fig-3:- Typical Longitudinal Section for Continuous Beams

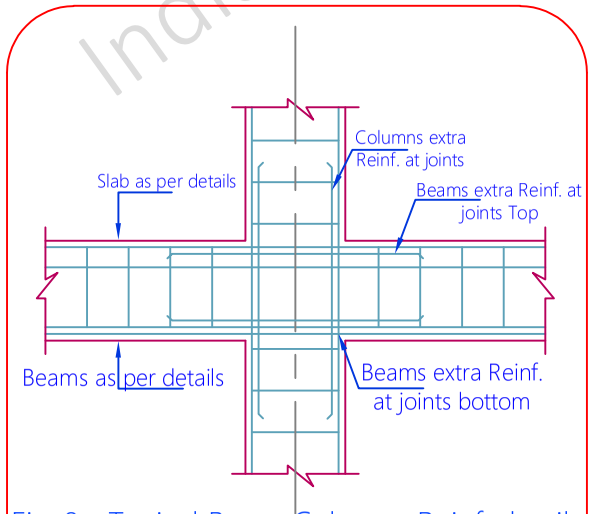
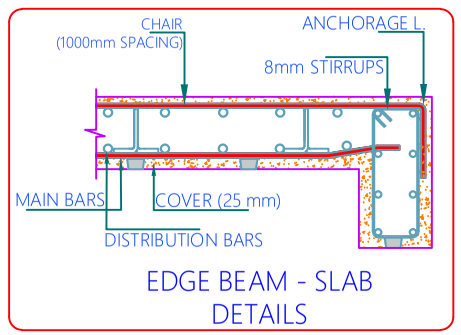


Fig-8:- Typical Beam Columns Reinf. details



EDGE BEAM - SLAB DETAILS

Form work details:
The Form work shall be designed and constructed so as to remain sufficiently rigid during placing and compaction of concrete, and shall be such as to prevent loss of slurry from the concrete.

INDICATES HIGHER DIA BARS
INDICATES SMALLER DIA BARS

GENERAL NOTES

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SHEET - C GENERAL FIGURES's		G+5 Community hall @ Unnao UP	
SCALE - NTS		R-0	
SHEET TITLE	GOOD FOR CONSTRUCTION	PROJECT BY:-	CHK AKA / DRW PH
Drw No	LIST OF CONTENT	Ar Hassan Md. Ji	HRKD/GFC/11/21/23
Drw - 1	Reinforcement Details As Per IS 456	Unnao 209806 Kanpur Uttar Pradesh	HRK/Ar.HM/GFC/13/24/6
Drw - 2	General Figure's & Specification		
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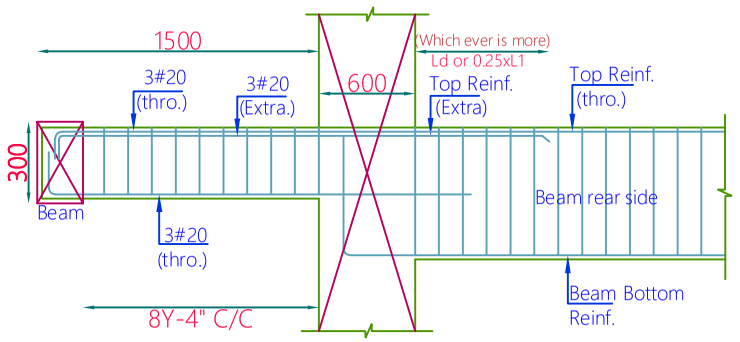
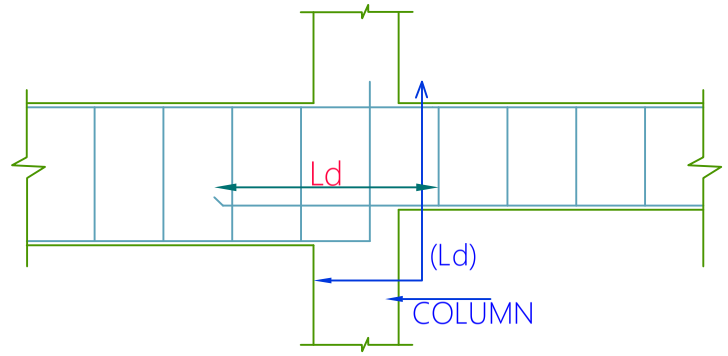
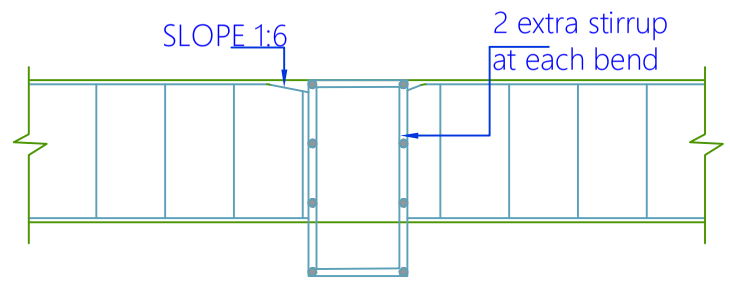


L-SEC. OF CANTILEVER BEAM



TYPICAL DETAILS OF REINF. AT THE JUNCTION OF TWO BEAMS OF UNEQUAL DEPTH



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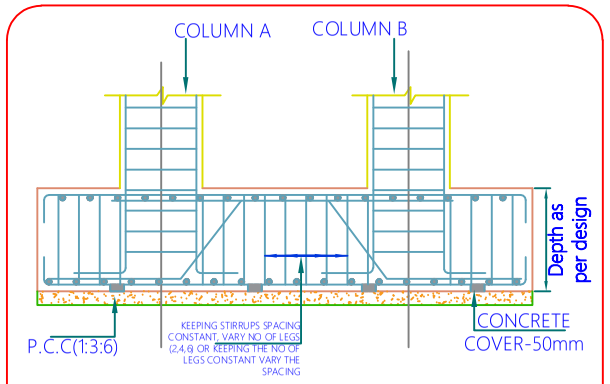

FOOTING BEAM

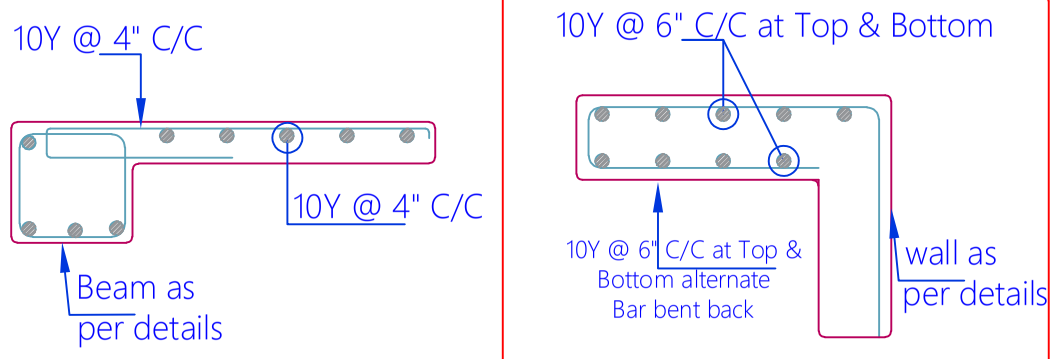

Fig-7:- Reinforcement Details for lintel cum Sunshade

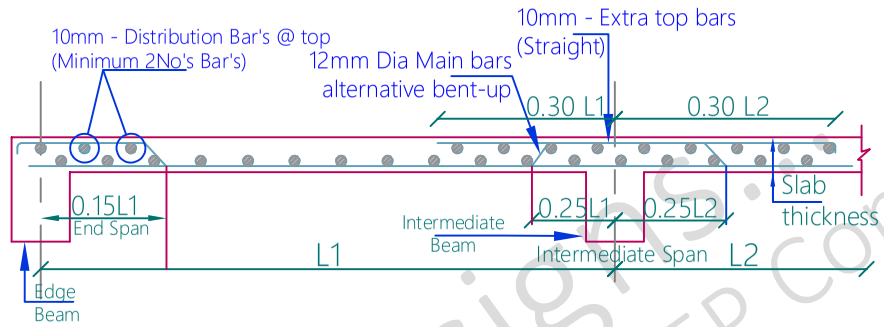

Fig- 4:- Typical Slab Section for all the floors

Form work details: IS456-2000 Clause 11

The form work shall be designed and constructed so as to remain sufficiently rigid during placing and compaction of concrete, and shall be such as to prevent loss of slurry from the concrete.

IS456-2000 Clause 11.3.1

Vertical formwork to columns, walls, beams 16-24 hrs

Soffit formwork to slabs 3 days

Soffit formwork to beams : 7 days (Props to be re fixed immediately after removal of form work)

Props to slabs

Spanning up to 4.5 m : 7 days

Spanning over 4.5 m : 14 days

Props to beams and arches :

Spanning up to 6 m : 14 days

Spanning over 6 m : 21 days

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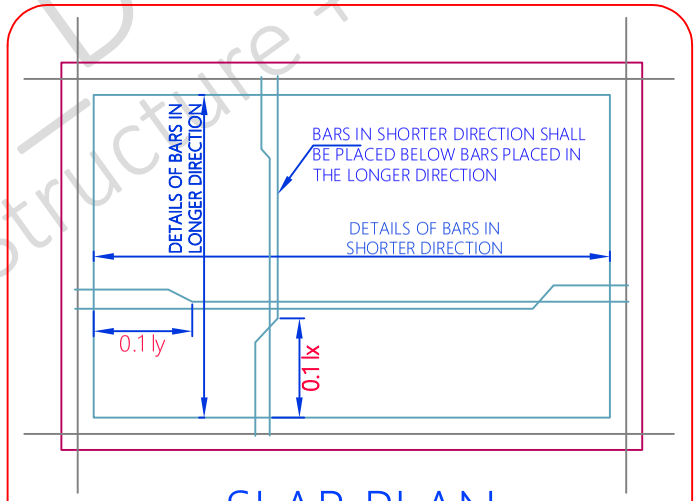
DESIGN LOAD :-

(As per IS 875 part I to III & V IS1893:2002)

1. LOADS :		3. ALLOWABLE DEFLECTION FACTOR :	
ROOF LIVE LOAD	2.0 kPa	FOR ROOF :	LIVE LOAD = L/360 TOTAL LOAD = L/240
BEAMS LIVE LOAD	3.0 kPa		
ROOF DEAD LOAD	1.5 kPa		
FLOOR DEAD LOAD	2.5 kPa	FOR FLOOR :	LIVE LOAD = L/360 TOTAL LOAD = L/240
LIVE LOADS			
BED ROOM, LIVING ROOM	3.0 kPa		
TOILET AREA	3.0 kPa		
STAIRCASE, PASSAGE, BALCONY	5.0 kPa		
LOUNGE	5.0 kPa		
INTERIOR WALL DEAD LOAD	1.20 kPa		
2. SEISMIC DATA :		4. WIND DATA :	
SEISMIC ZONE	III	BASIC WIND SPEED	52 m/s
ZONE FACTOR (Z)	0.25	RISK COEFFICIENT (K1)	1.00
IMPORTANCE FACTOR (I)	1.5	TERRAIN COEFFICIENT (K2)	1.00
RESPONSE REDUCTION FACTOR (R)	5	TOPOGRAPHY FACTOR (K3)	1.00
SEISMIC INTENSITY	MODERATE	DESIGN WIND SPEED	52 m/s

This Building is designed for G+5 (Community hall) Storey Structure only



SLAB PLAN

All rubbish, particularly, chipping, shavings and saw dust shall be removed from the interior oft he forms before the concrete is placed. The face of formwork in contact with the concrete shall be cleaned and treated with form release agent

INDICATES HIGHER DIA BARS

INDICATES SMALLER DIA BARS

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SHEET - D GENERAL FIGURES's	G+5 Community hall @ Unnao UP
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PROJECT BY:-

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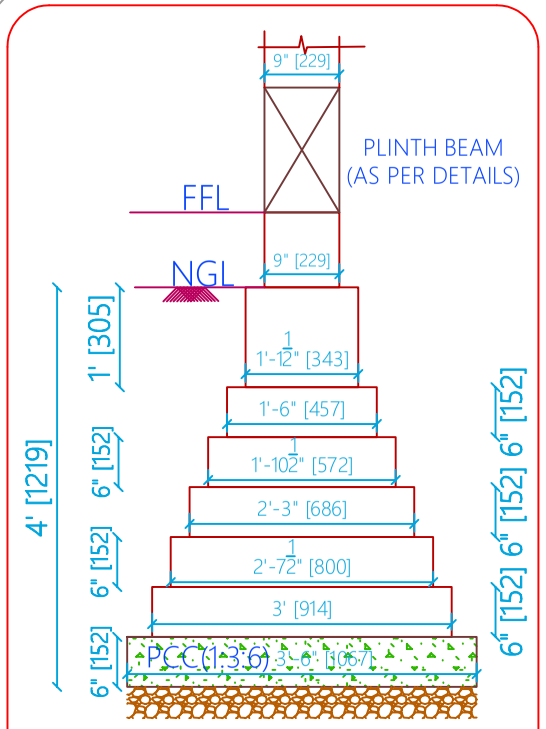
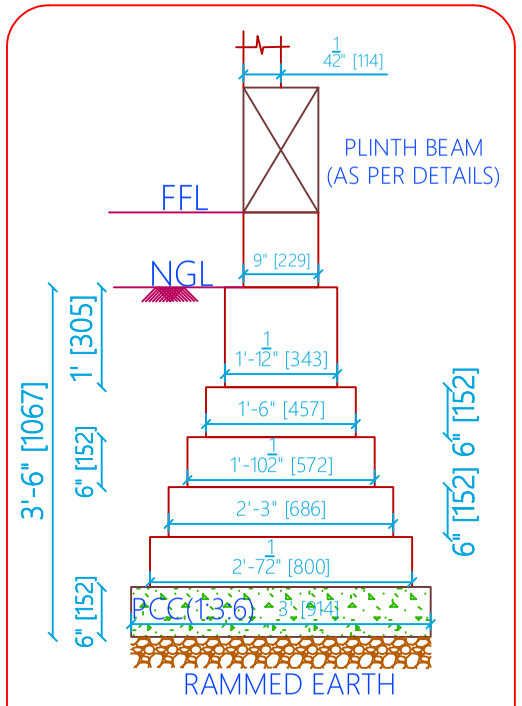
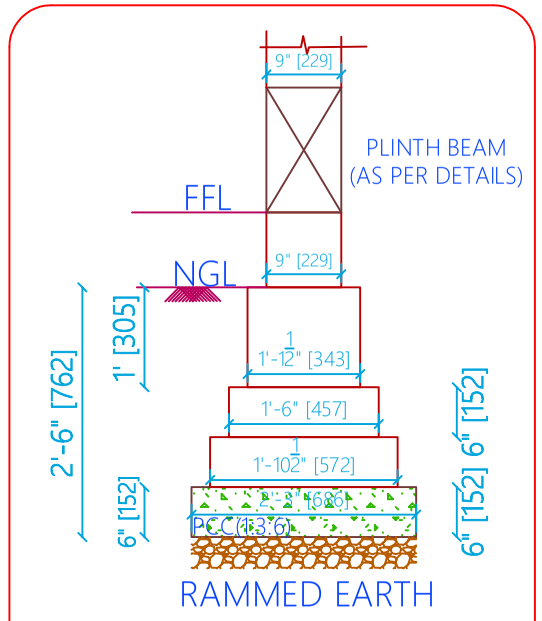
namaste@hrkdesigns.in
+91-9380 930 347



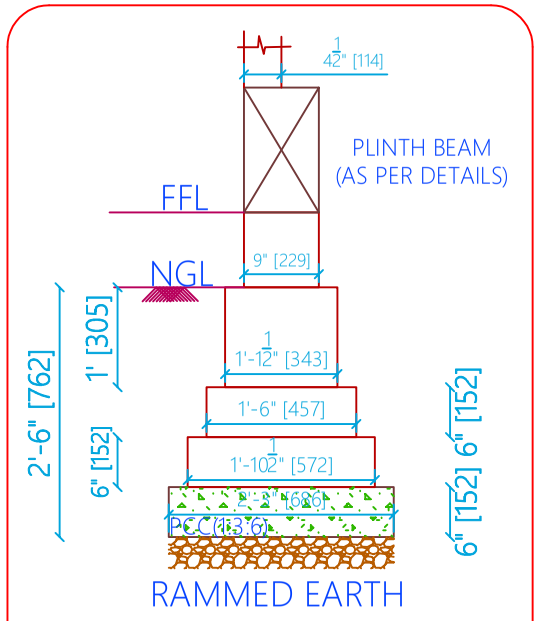
230mm EXTERNAL BRICK WALL
LOAD BEARING STRUCTURE



115mm INTERNAL BRICK WALL
LOAD BEARING STRUCTURE



230mm EXTERNAL BRICK WALL
FRAMED STRUCTURE



115mm INTERNAL BRICK WALL
FRAMED STRUCTURE

RATIO OF CEMENT MORTAR

RATIO - APPLICATION
1:6 - INTERNAL PLASTER/ FLOORING
1:6 - BRICK MASONRY
1:5 - EXTERNAL PLASTER
1:4 - HALF BRICK MASONRY
1:3 - CEILING PLASTER
1:3 - REPAIR PLASTER
1:3 - REINFORCED BRICK WORK
1:3 - WATER LOGGED AREA
1:1 - CEMENT GROUTING
1:2 - POINT LOAD
1:2-FLOORING
1:2 - STONE MASONRY

GENERAL NOTES

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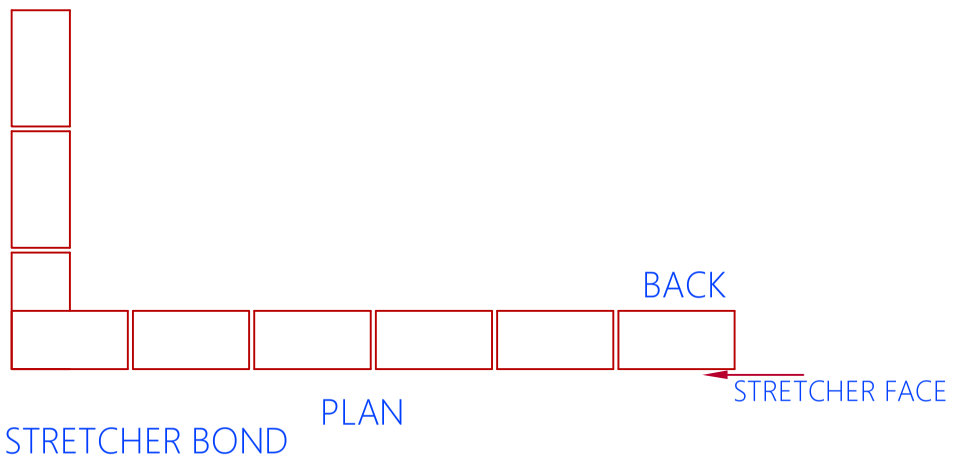
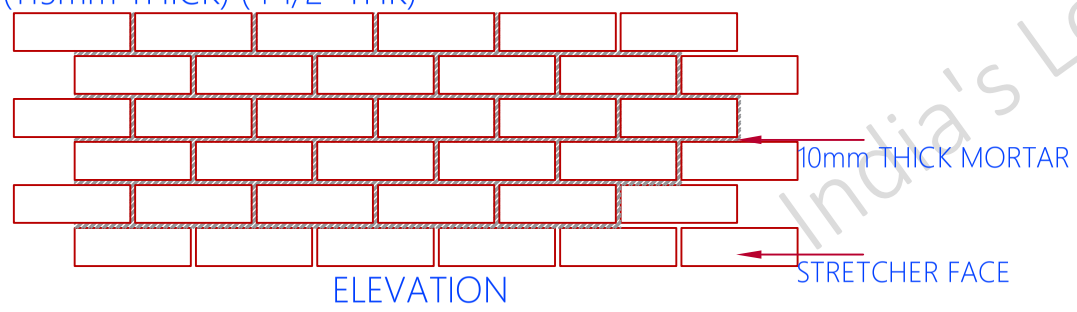
8 - DEVELOPMENT LENGTH SHALL BE 48D (D - DIA OF BAR IN mm).

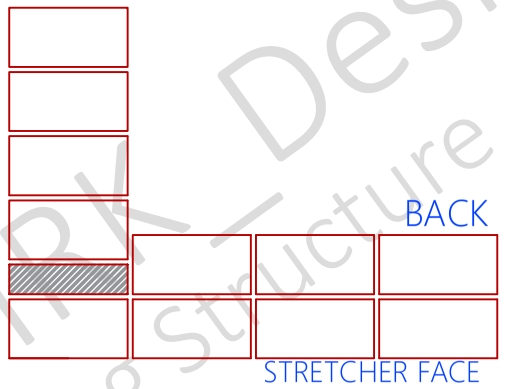


PLAN

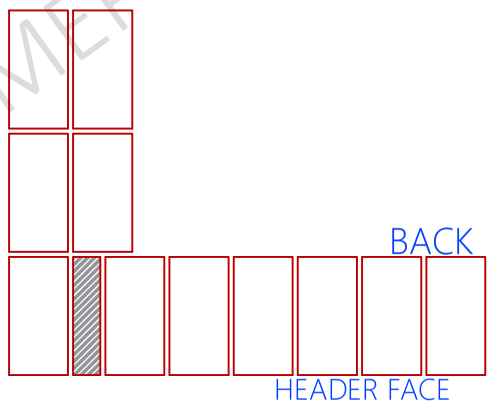
STRETCHER BOND
(115mm THICK) (4 1/2" THK)



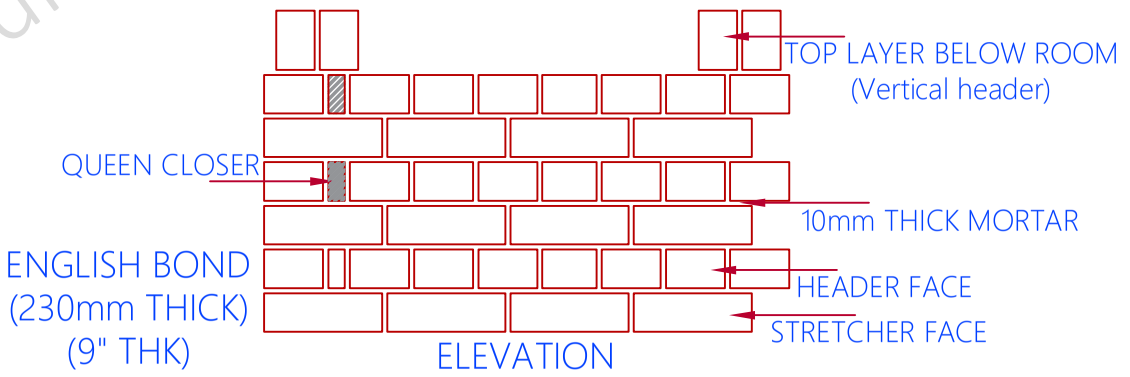
ELEVATION



PLAN (STRETCHER)



PLAN (HEADER)



ELEVATION

SECTION A-A'

1-The color of bricks should be bright and uniform
2-They should be well burned and having smooth surfaces and sharp edges.
3-Thermal conductivity of bricks should be less and they should be sound proof
4-They shouldn't absorb more than 20% by weight when we place it in water
5-There should not be any scratch left on the brick when we scratched with finger nail
6-When we struck two bricks together, ringing sound should be delivered
7-Structure of bricks should be homogeneous and uniform.
8-The bricks should not break when we dropped it form 1m height
9-There should not be any white deposits on brick, when we soak it in water for 24hrs

SECTION B-B'

CODES USED FOR DESIGNING

- IS : 456 - INDIAN STANDARD CODE OF PRACTICE FOR PLAN & REINFORCED CONCRETE
- IS : 800-2007 - INDIAN STANDARD CODE OF PRACTICE FOR GENERAL CONSTRUCTION IN STEEL
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- IS : 1893-2002 - INDIAN STANDARD CODE OF PRACTICE FOR EARTHQUAKE RESISTANCE DESIGN OF STRUCTURE

APPROVAL	
TENDER	
G.F.C	☒
DOCUMENT	

SHEET - E GENERAL FIGURES's	G+5 Community hall @ Unnao UP
SCALE - NTS	R-0

SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	LIST OF CONTENT
Drw - 1	Reinforcement Details As Per IS 456
Drw - 2	General Figure's & Specification
Drw - 3	

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

CHK	DRW
AKA	PH

HRKD/GFC/11/21/23
HRK/Ar.HM/GFC/13/24/6

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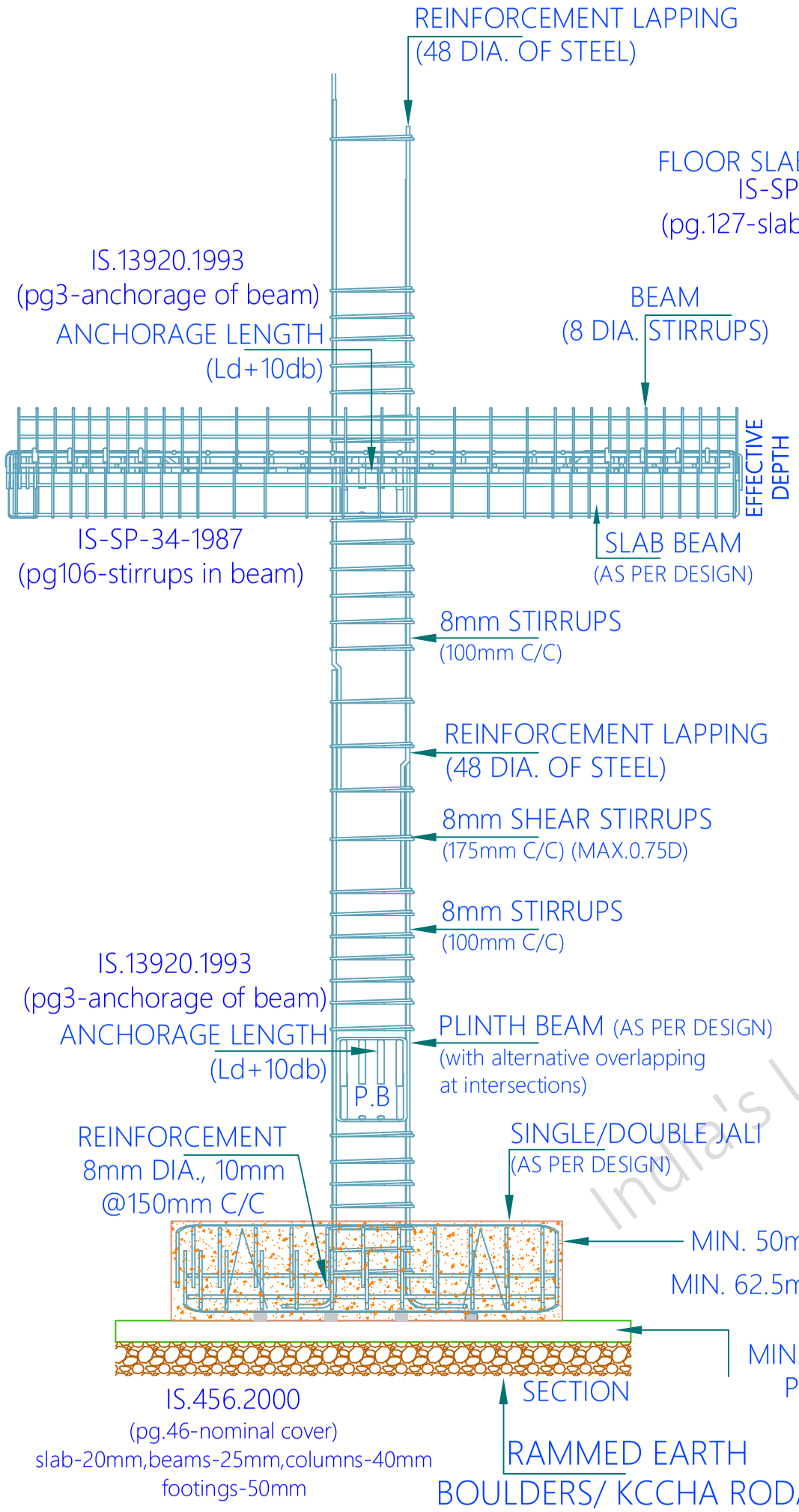
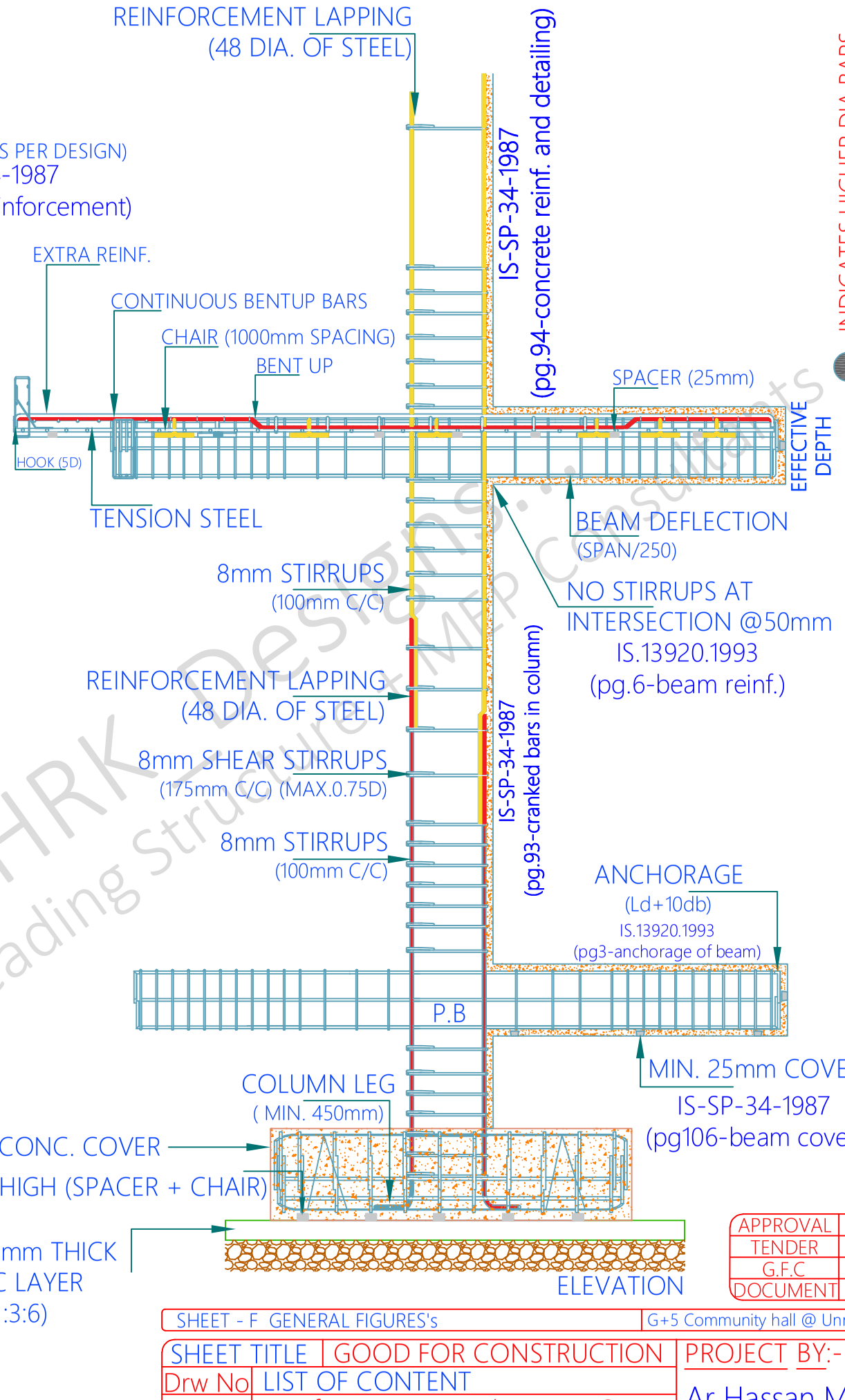
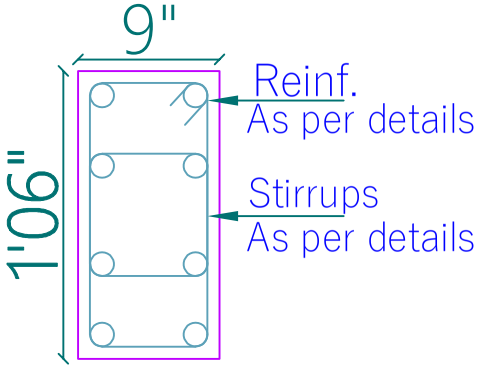




INDICATES HIGHER DIA BARS

INDICATES SMALLER DIA BARS

C - 0'09"x1'06"



C - 0'09" x 1'06" - %

Ring's

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APPROVAL	
TENDER	
G.F.C	☒
DOCUMENT	

SHEET - F GENERAL FIGURES's	G+5 Community hall @ Unnao UP
SCALE - NTS	R-0

SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	LIST OF CONTENT
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PROJECT BY:-

Ar Hassan Md. Ji

Unnao 209806 Kanpur Uttar Pradesh

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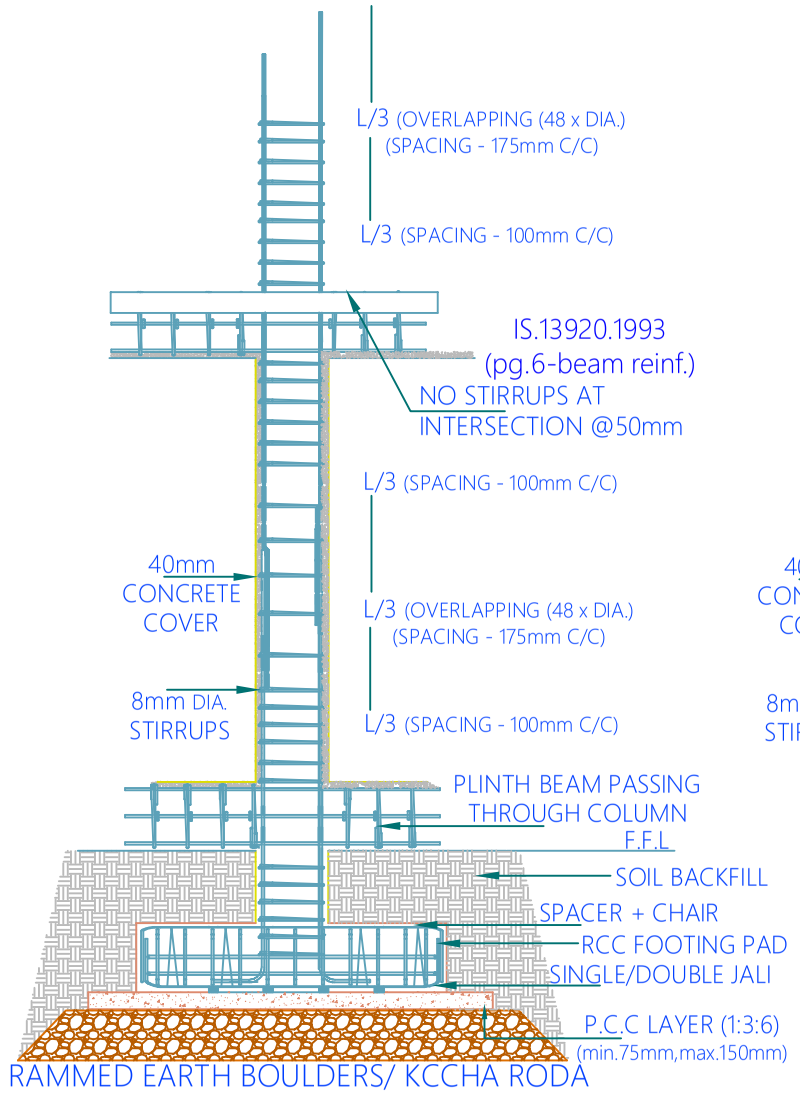
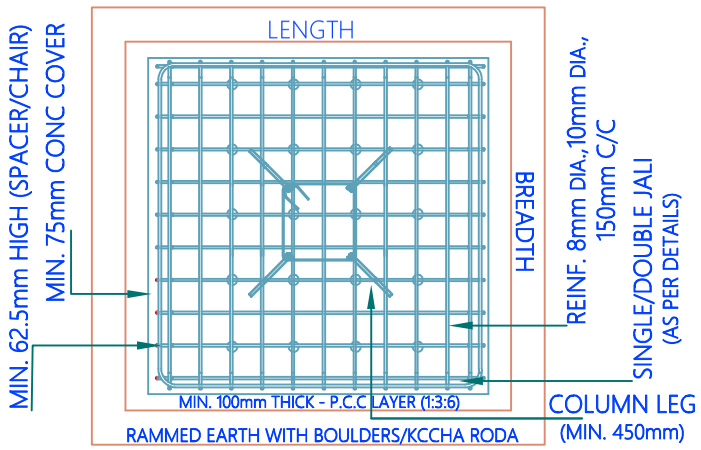


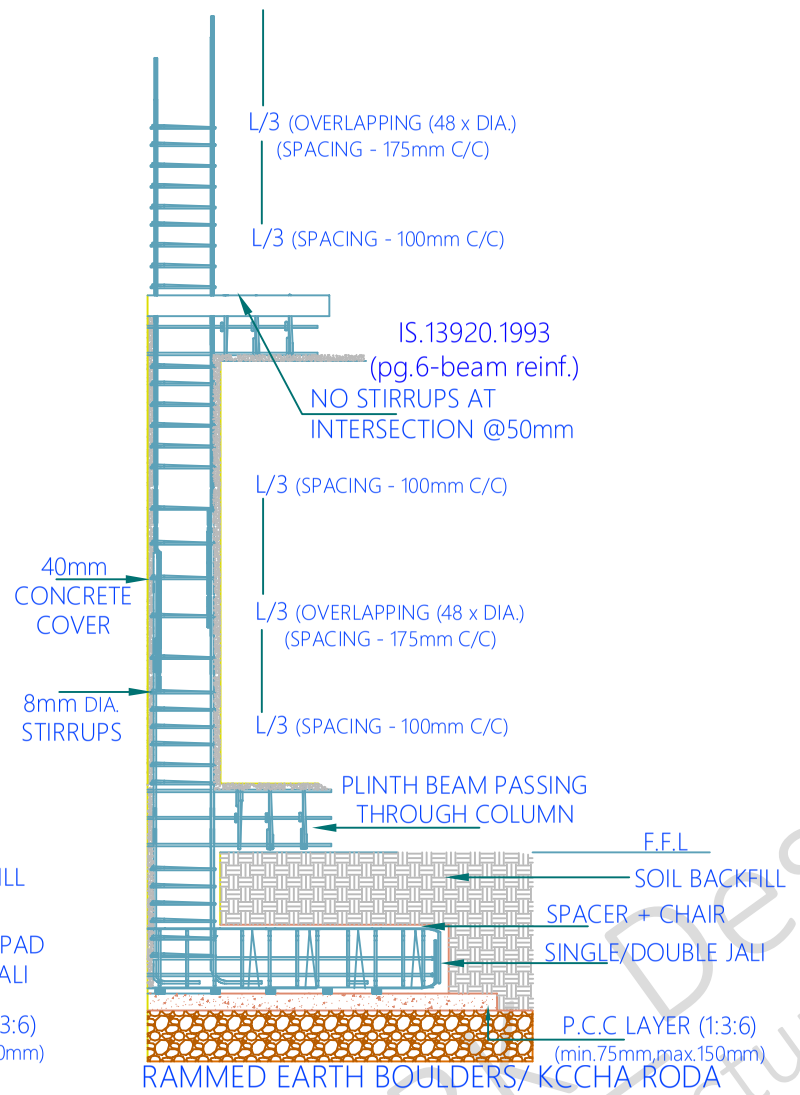
ELEVATION



PLAN

IS.456.2000
(pg.46-nominal cover)
slab-20mm,beams-25mm,
columns-40mm,footings-50mm

ISOLATED FOOTING



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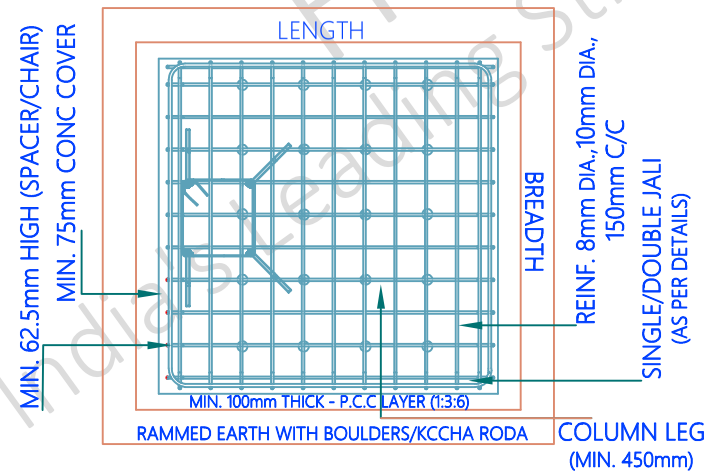
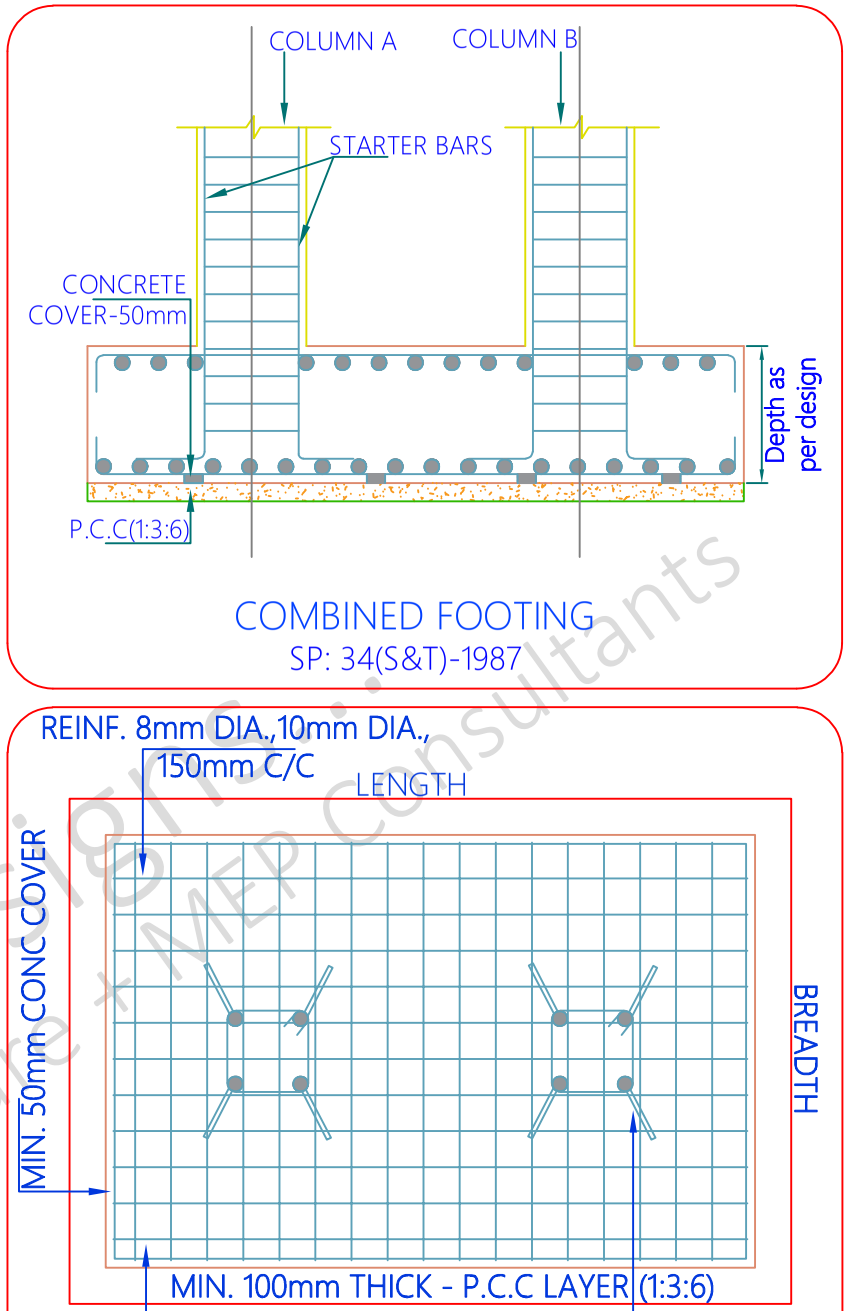
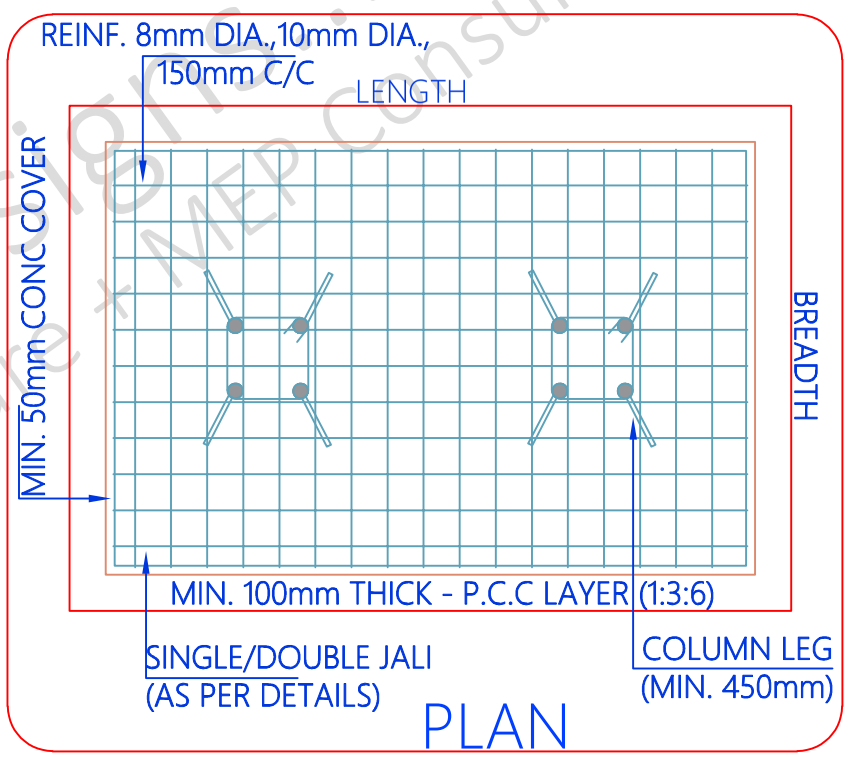


PLAN

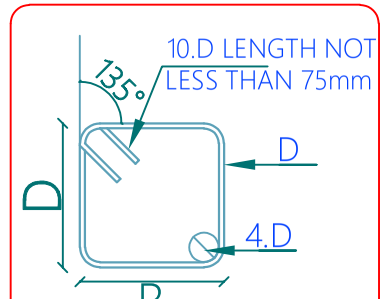
ECCENTRIC FOOTING



COMBINED FOOTING
SP: 34(S&T)-1987



PLAN



STIRRUP DETAILS
IS-SP-34-1987
(pg87-column tie)

As per IS Code 456-2000
Overlapping length should not be less than 75mm. Lapping should be avoided in tensile zone of construction members.
Overlapping length of Reinf. Column 48d.
Beam 50d
Slab 50d

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APPROVAL	
TENDER	
G.F.C	☒
DOCUMENT	

The earth used for filling shall be free from all roots, grass, shrubs, rank vegetation, brushwood, tress, sapling and rubbish. Filling with excavated earth shall be done in regular horizontal layers each not exceeding 20 cm in depth. All lumps and clods exceeding 8 cm in any direction shall be broken. Each layer shall be watered and consolidated with steel rammer or ½ tonne roller. Where specified, every third and top must layer shall also be consolidated with power roller of minimum 8 tonnes. Wherever depth of filling exceeds 1.5 metre vibratory power roller shall be used to consolidate the filing unless otherwise directed by Engineer-in-charge. The top and sides of filling shall be neatly dressed. The contractor shall make good all subsidence and shrinkage in earth fillings, embankments, traverses etc. during execution and till the completion of work unless otherwise specified.

SHEET - G GENERAL FIGURES's		G+5 Community hall @ Unnao UP	
SCALE - NTS		R-0	
SHEET TITLE	GOOD FOR CONSTRUCTION	PROJECT BY:-	CHK / AKA
Drw No	LIST OF CONTENT	Ar Hassan Md. Ji	DRW / PH
Drw - 1	Reinforcement Details As Per IS 456	Unnao 209806 Kanpur Uttar Pradesh	HRKD/GFC/11/21/23
Drw - 2	General Figure's & Specification		HRK/Ar.HM/GFC/13/24/6
Drw - 3			

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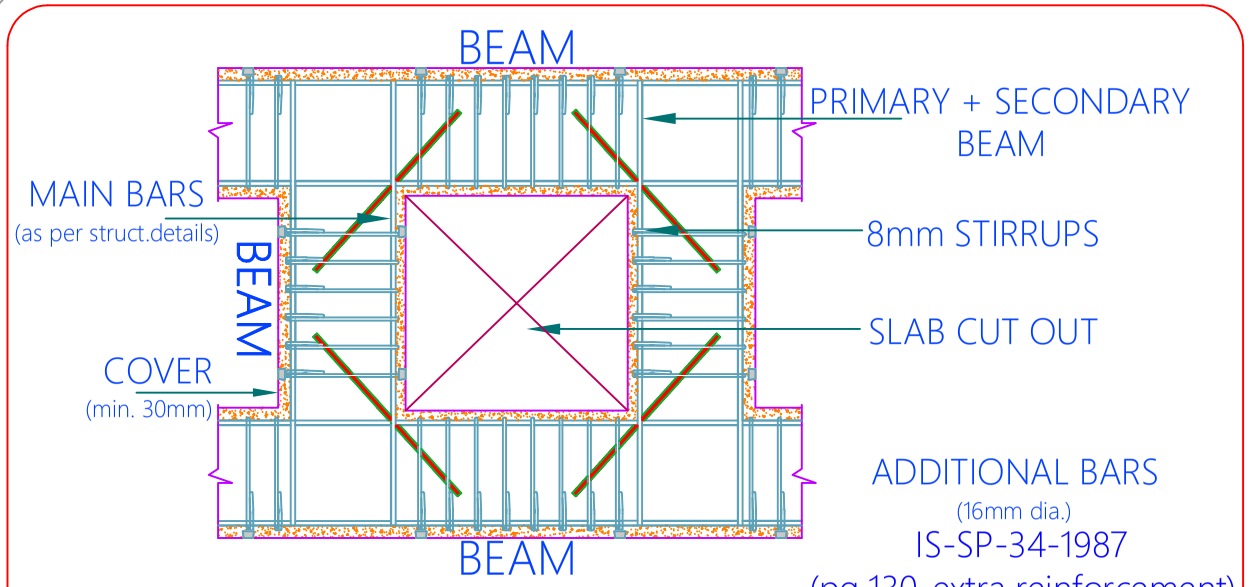
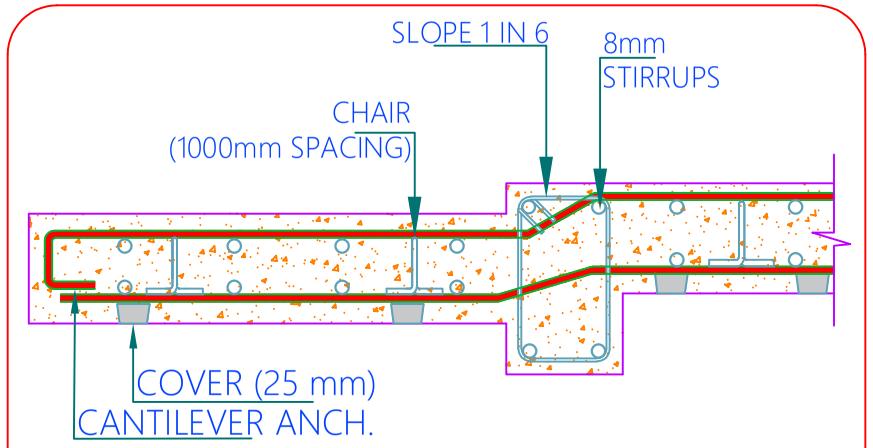


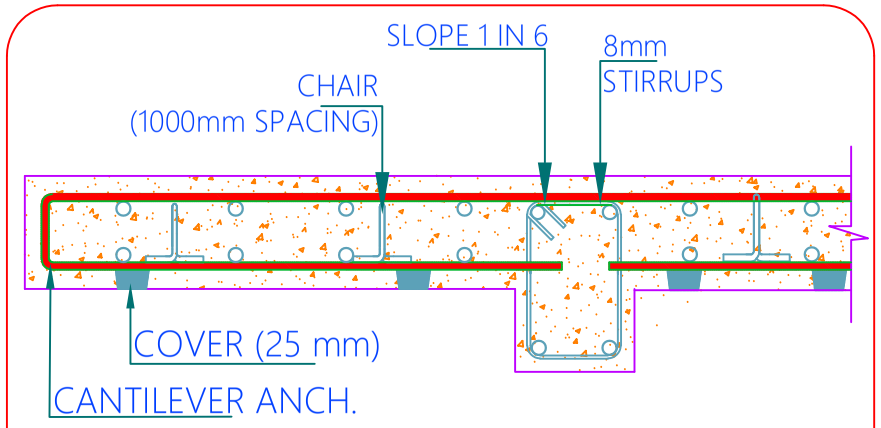
SLAB CUTOUT DETAILS



CANTILEVER SLAB DETAILS

IS-SP-34-1987

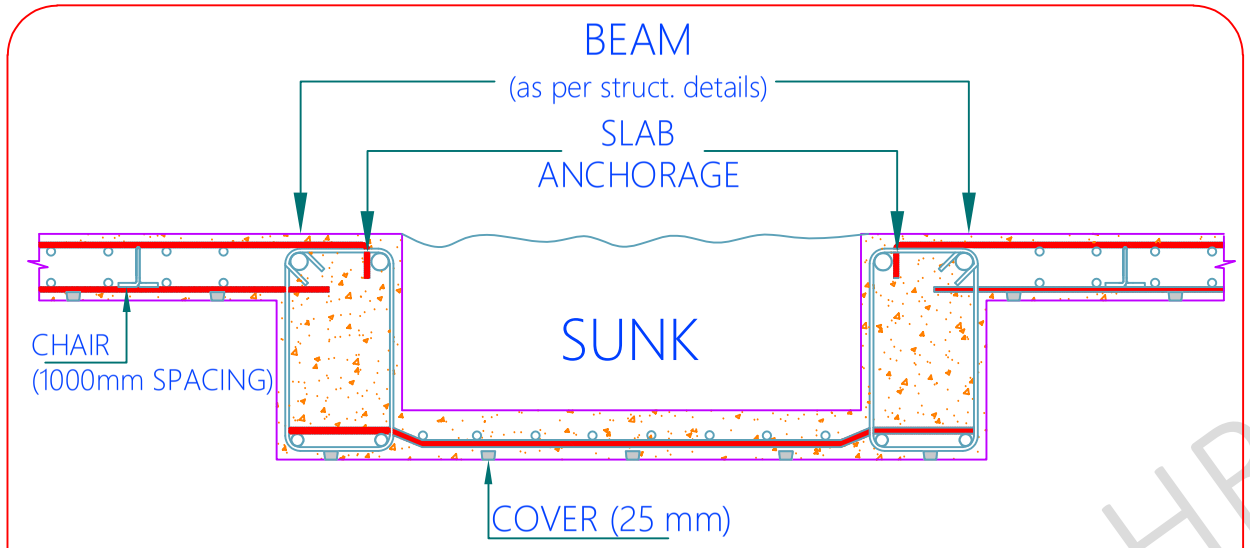
(pg.130-cantilever reinforcement)



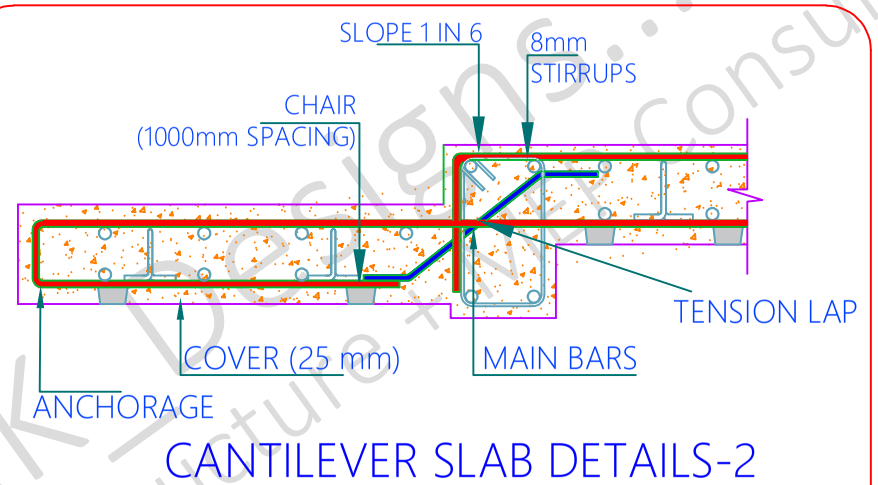
CANTILEVER SLAB DETAILS-3

IS-SP-34-1987

(pg.130-cantilever reinforcement)



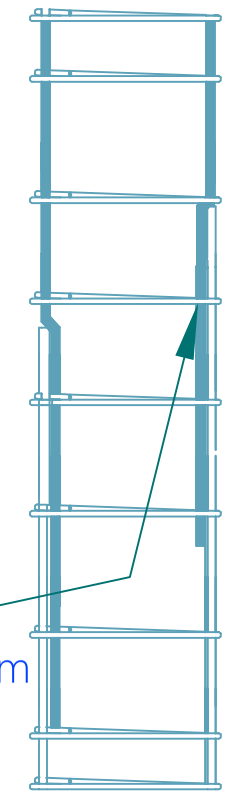
SUNKEN SLAB DETAILS



CANTILEVER SLAB DETAILS-2

IS-SP-34-1987

(pg.130-cantilever reinforcement)



IS.13920.1993

(pg.4-beam web)

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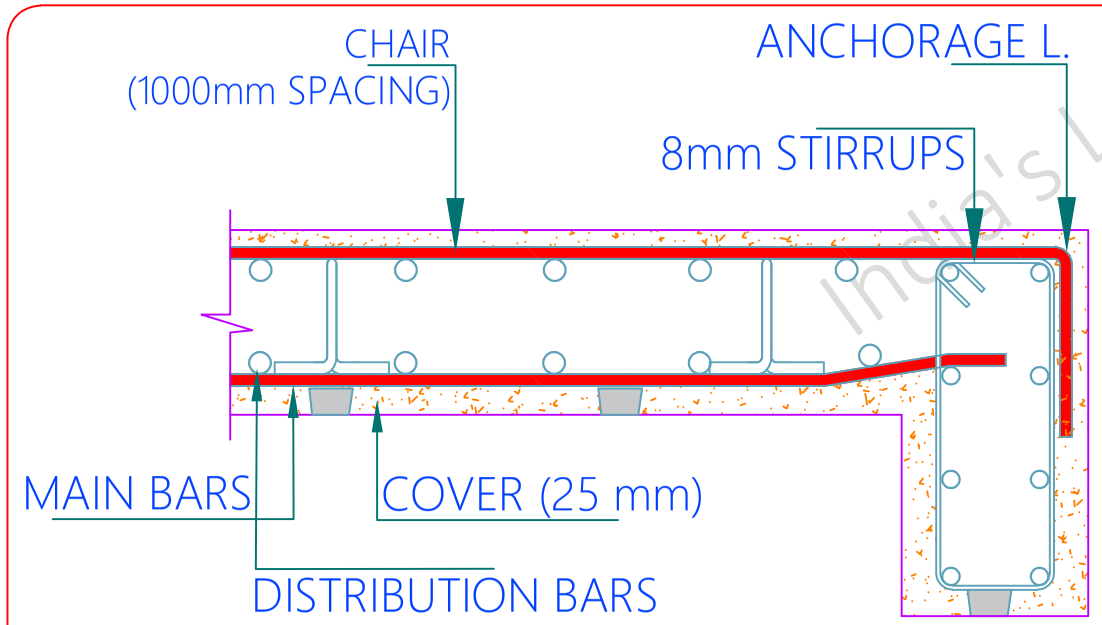
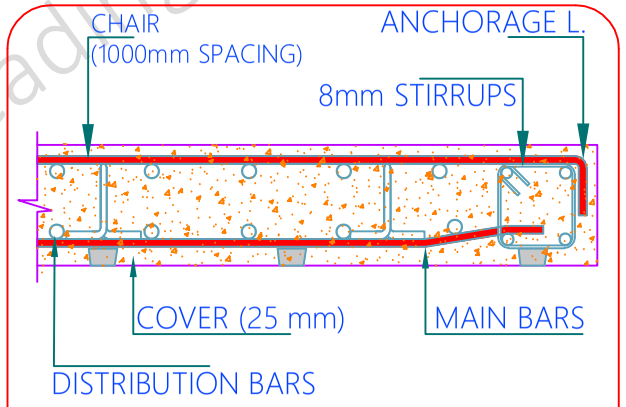


EDGE BEAM - SLAB DETAILS



EDGE BEAM - SLAB DETAILS

(reinforcement cutoff)

APPROVAL	
TENDER	
G.F.C	
DOCUMENT	

SHEET - H GENERAL FIGURES's	G+5 Community hall @ Unnao UP
SCALE - NTS	R-0

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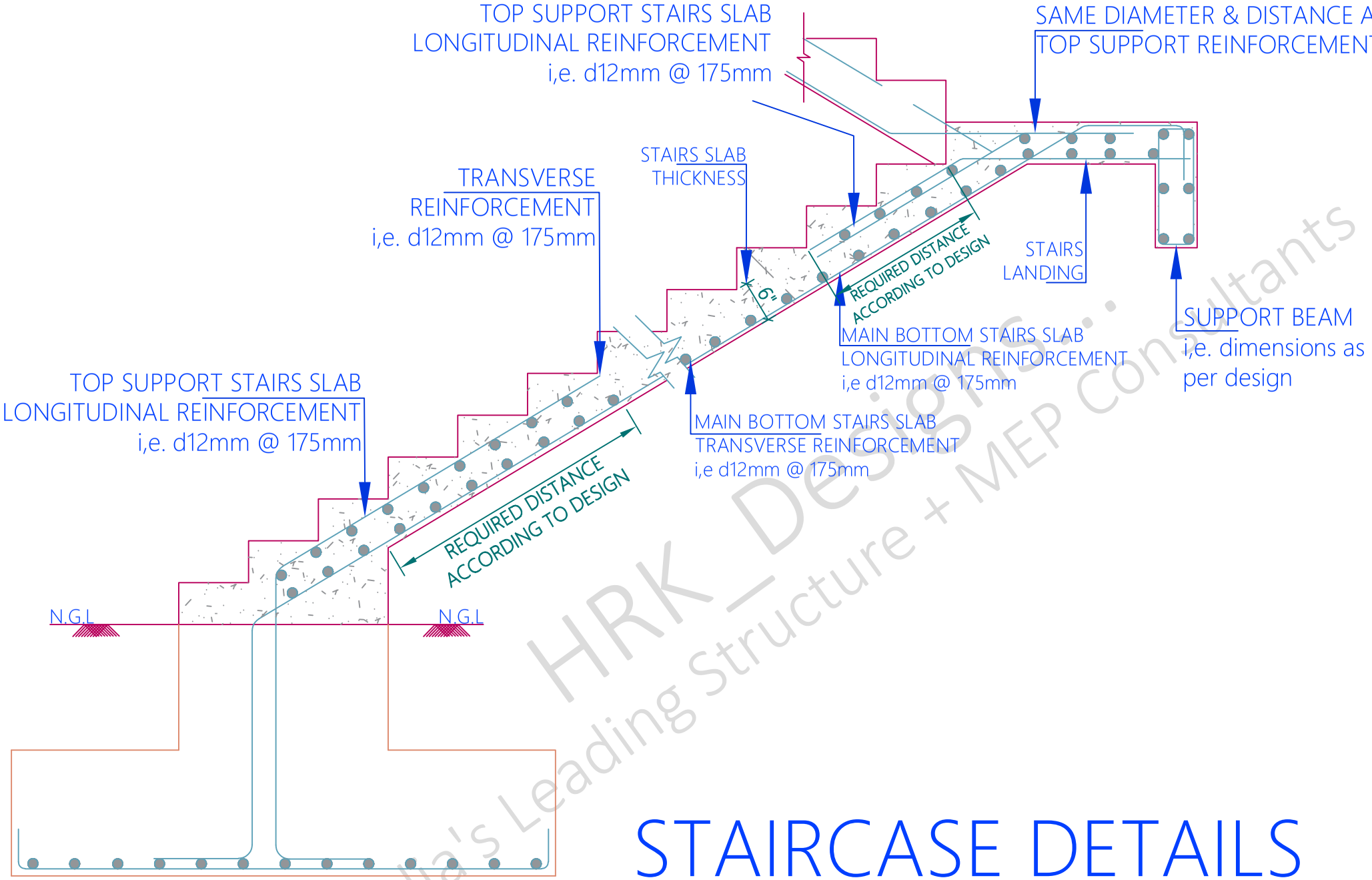

STAIRCASE DETAILS

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- IS : 1893-2002 - INDIAN STANDARD CODE OF PRACTICE FOR EARTHQUAKE RESISTANCE DESIGN OF STRUCTURE

APPROVAL	
TENDER	
G.F.C	☒
DOCUMENT	

SHEET - 1 GENERAL FIGURE's	G+5 Community hall @ Unnao UP
SCALE - NTS	R-0

SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	LIST OF CONTENT
Drw - 1	Reinforcement Details As Per IS 456
Drw - 2	General Figure's & Specification
Drw - 3	

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

CHK	DRW
AKA	PH

HRKD/GFC/11/21/23
HRK/Ar.HM/GFC/13/24/6

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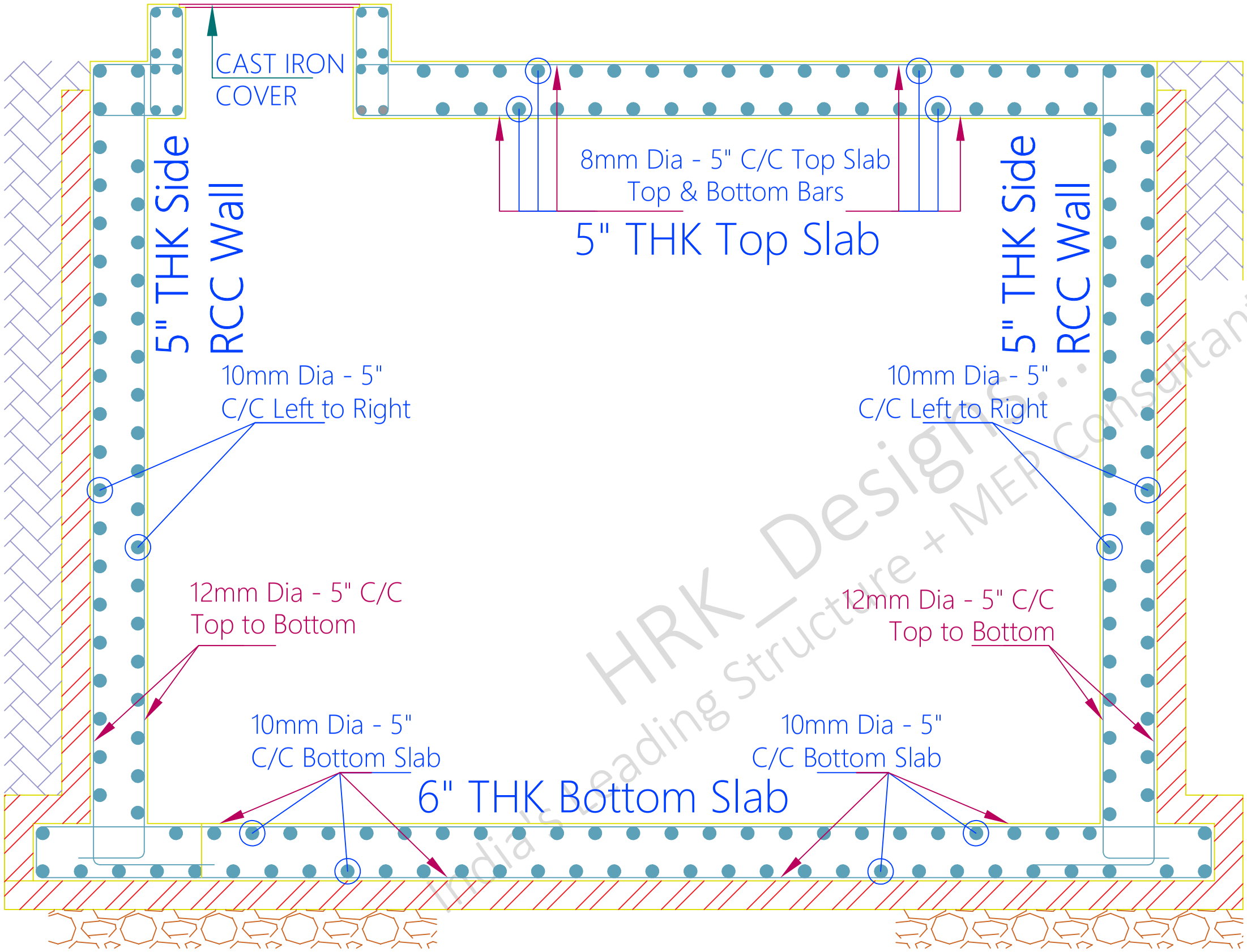

FRAMED MEMBERS:
General requirements- IS13920:1993
1. The factored axial stress on the member under earthquake loading shall not exceed 0.1 fck.
2. The member shall preferably have a width-to-depth ratio of more than 0.3.
3. The width of the member shall not be less than 200 mm.
4. The depth D of the member shall preferably be not more than l/4 of the clear span.

GENERAL NOTES

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6 - CLEAR COVER SHOULD BE AS PER FOLLOWING SPECIFIED
(A) SLAB - 20mm (B) BEAMS TOP & BOTTOM- 30MM (C) BEAM SIDES - 25mm (D) - COLUMNS - 40mm (E) - FOOTINGS (Sides) - 50mm.
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Web reinforcement shall consist of vertical hoops:
A vertical hoop is a closed stirrup having a 135° hook with a 10 diameter extension (but not < 75 mm) at each end that is embedded in the confined core

APPROVAL	
TENDER	
G.F.C	☒
DOCUMENT	

SHEET - J GENERAL FIGURES's	G+5 Community hall @ Unnao UP
SCALE - NTS	R-0

SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	LIST OF CONTENT
Drw - 1	Reinforcement Details As Per IS 456
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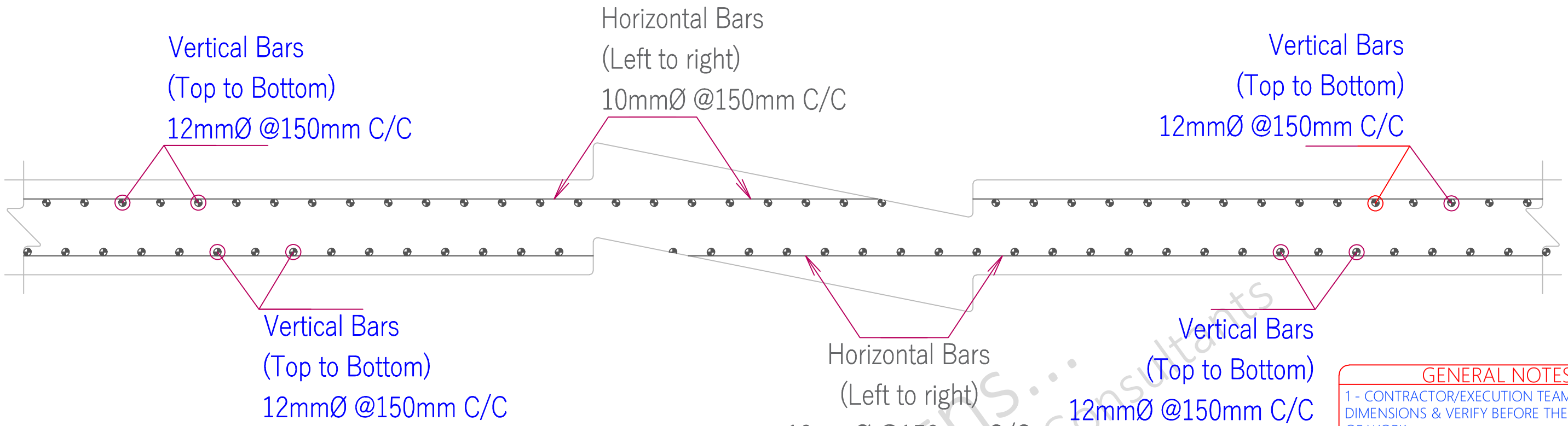

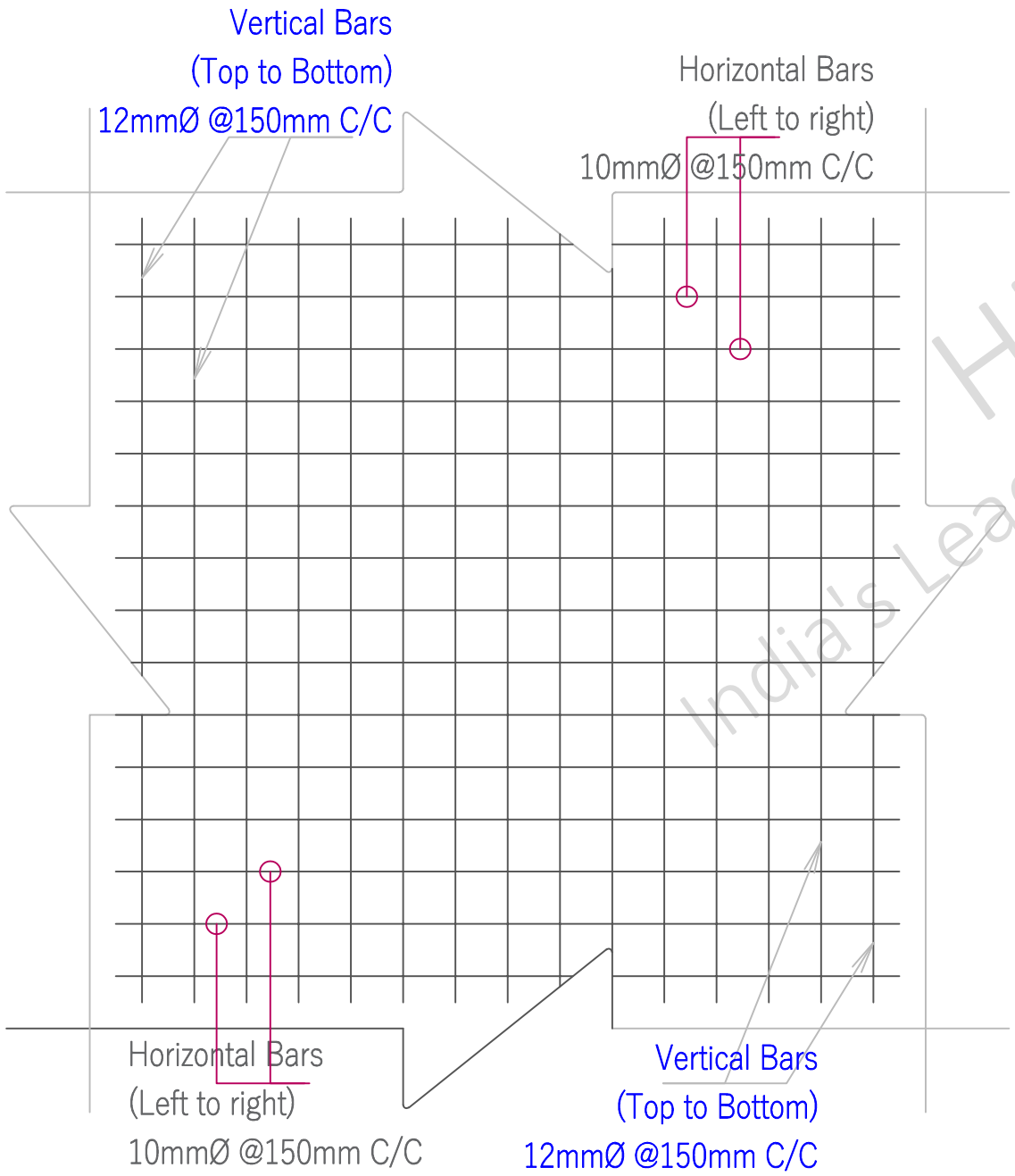

A WALL PLAN C/S DETAILS

GENERAL NOTES

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8 - DEVELOPMENT LENGTH SHALL BE 48D (D - DIA OF BAR IN mm).

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APPROVAL	
TENDER	
G.F.C	☒
DOCUMENT	

SHEET - K GENERAL FIGURES's	G+5 Community hall @ Unnao UP
SCALE - NTS	R-0

SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	LIST OF CONTENT
Drw - 1	Reinforcement Details As Per IS 456
Drw - 2	Shear C/S Details
Drw - 3	

PROJECT BY:-
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Unnao 209806 Kanpur Uttar Pradesh

CHK	DRW
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Coverage Area

5,350.00 Sq.Ft

Total Built Up Area

5,350.00*6 = 32,100.00 Sq.Ft

82'-9"

64'-8"

NOTES

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SCALE - NTS | R-0 | *A3 PRINTS* | S-1

SHEET TITLE

Drw No

Drw - 1 FLOOR PLAN
Drw - 2 COL's C/S & DETAILS
Drw - 3

Plot line Details

No	TITLE	GOOD FOR CONSTRUCTION	21/11/2023
1	PLOT AREA		
2	COL's C/S & DETAILS		
3			

Drw Table

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

G+5 Community hall @ Unnao UP

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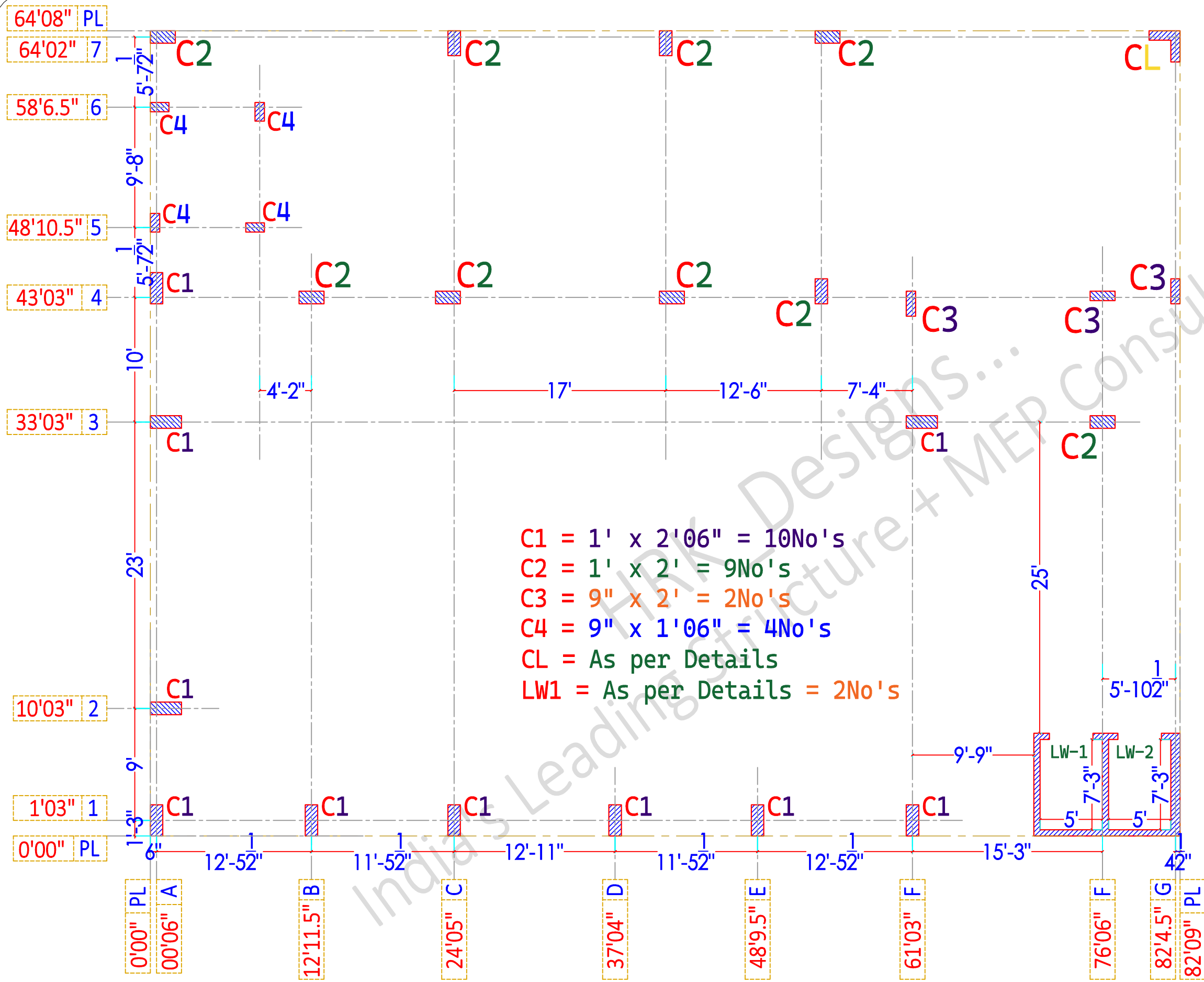

SCALE - NTS | R-0 | *A3 PRINTS* | S-2 | Center line Details | G+5 Community hall @ Unnao UP

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SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	Col's Center line Plan
Drw - 2	Col's Center line Details
Drw - 3	Col's Center line C/S & Details

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

CHK AKA	DRW PH
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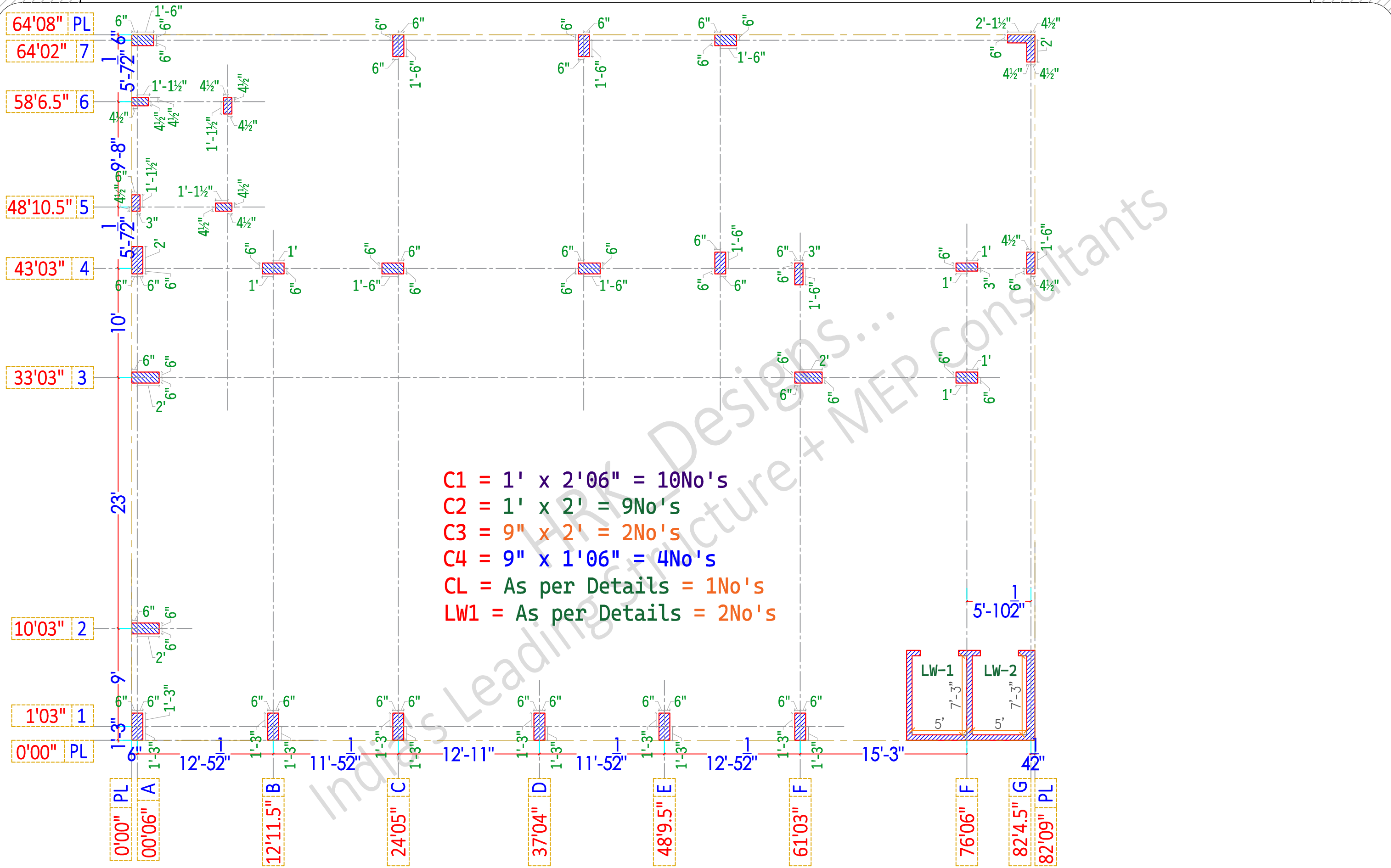
ARCHITECT WORKINGS DRAWINGS RIGHTS RESERVED BY Ar Hassan Md. Ji & TEAM



SCALE - NTS | R-0 | *A3 PRINTS* | S-3 | Center line Details | G+5 Community hall @ Unnao UP

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SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	PLOT AREA Col's Center line Plan
Drw - 2	Col's Center line Details
Drw - 3	Col's Center line C/S & Details

PROJECT BY:-
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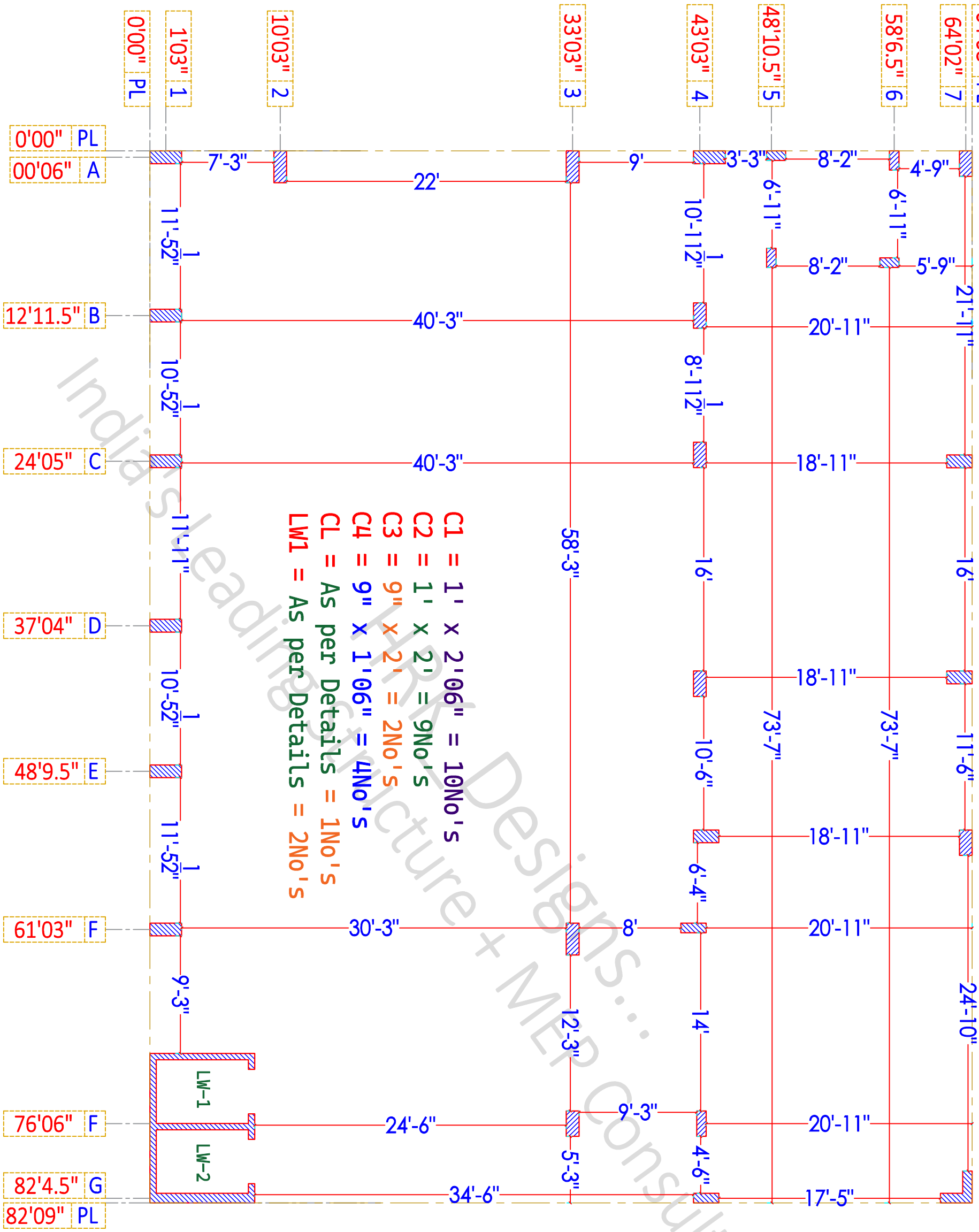

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SCALE - NTS | R-0 | *A3 PRINTS* | S-4

Center line Details

SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023

Drw No	Drw Table
Drw - 1	Col's Center line Plan
Drw - 2	Col's Center line Details
Drw - 3	Col's Center line C/S & Details

PROJECT BY:-
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G+5 Community hall @ Unnao UP

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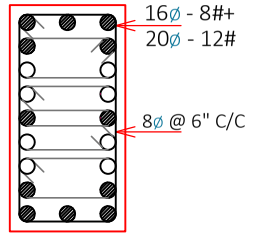
Col's Details for GF & FF Slab LVL only

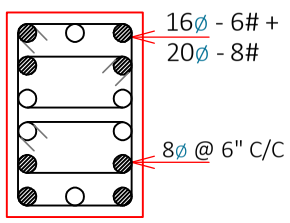
C1 - 1'00" x 2'06"



C1 - 1'00" x 2'06" - 2.40%

4 Ring's (4 Rectangle)

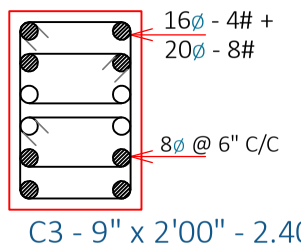
C2 - 1'00" x 2'00"



C2 - 1'00" x 2'00" - 2.05%

3 Ring's (3 Rectangle)

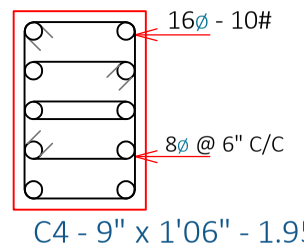
C3 - 9" x 2'00"



C3 - 9" x 2'00" - 2.40%

3 Ring's (3 Rectangle)

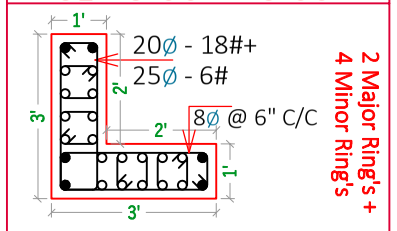
C4 - 9" x 1'06"



C4 - 9" x 1'06" - 1.95%

3 Ring's (3 Rectangle)

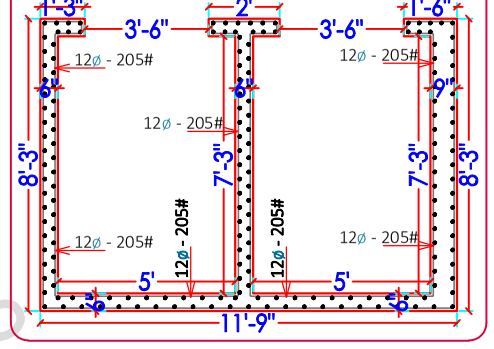
CL - 3'00" * 3'00"



CL - 3'00" * 3'00" - 2.50%

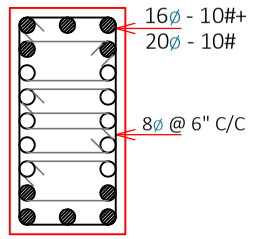
6 Ring's (6 Rectangle)

LW1 = As per Details



Col's Details for SF & 3rd Slab LVL only

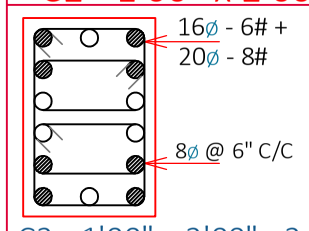
C1 - 1'00" x 2'06"



C1 - 1'00" x 2'06" - 2.29%

4 Ring's (4 Rectangle)

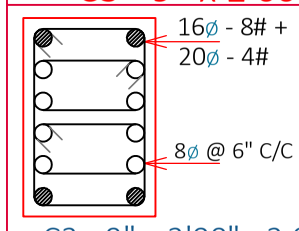
C2 - 1'00" x 2'00"



C2 - 1'00" x 2'00" - 2.05%

3 Ring's (3 Rectangle)

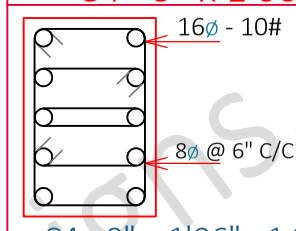
C3 - 9" x 2'00"



C3 - 9" x 2'00" - 2.08%

3 Ring's (3 Rectangle)

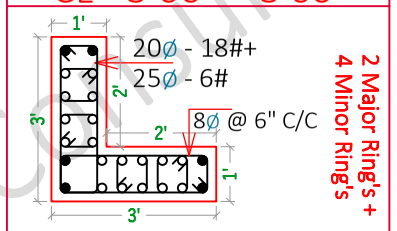
C4 - 9" x 1'06"



C4 - 9" x 1'06" - 1.95%

3 Ring's (3 Rectangle)

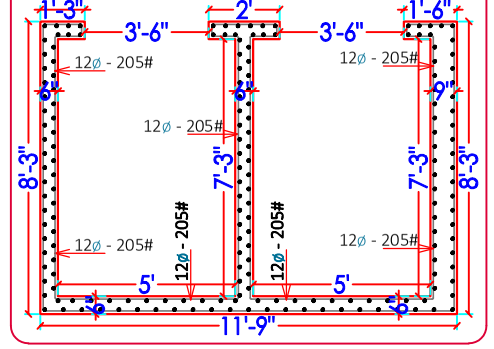
CL - 3'00" * 3'00"



CL - 3'00" * 3'00" - 2.50%

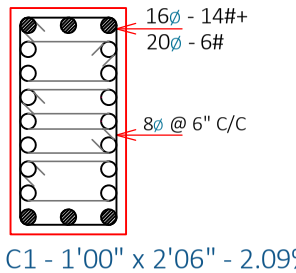
6 Ring's (6 Rectangle)

LW1 = As per Details



Col's Details for 4th & 5th Slab LVL only

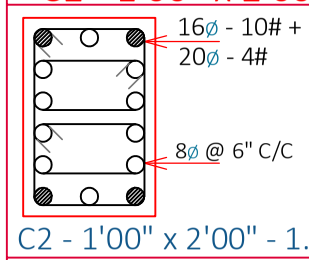
C1 - 1'00" x 2'06"



C1 - 1'00" x 2'06" - 2.09%

4 Ring's (4 Rectangle)

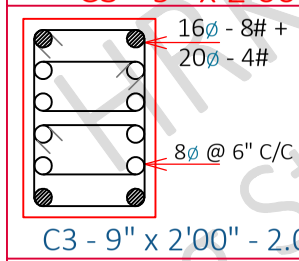
C2 - 1'00" x 2'00"



C2 - 1'00" x 2'00" - 1.82%

3 Ring's (3 Rectangle)

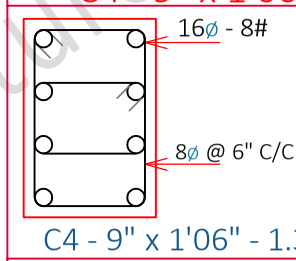
C3 - 9" x 2'00"



C3 - 9" x 2'00" - 2.08%

3 Ring's (3 Rectangle)

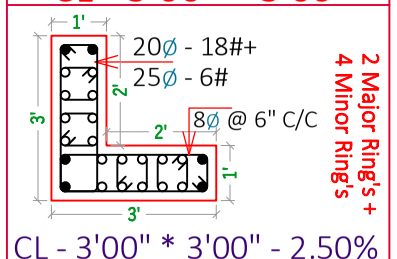
C4 - 9" x 1'06"



C4 - 9" x 1'06" - 1.36%

3 Ring's (3 Rectangle)

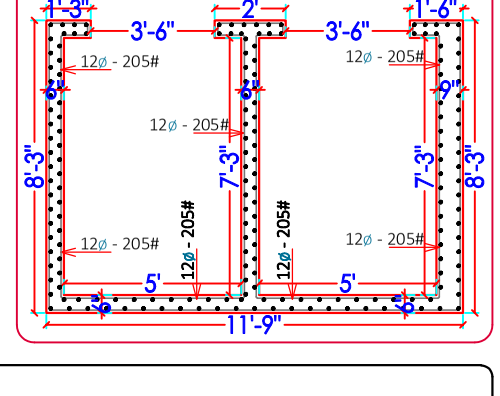
CL - 3'00" * 3'00"



CL - 3'00" * 3'00" - 2.50%

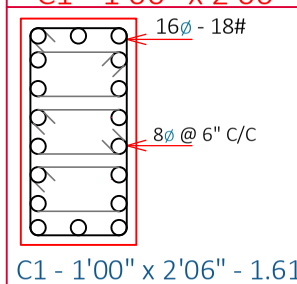
6 Ring's (6 Rectangle)

LW1 = As per Details



Col's Details for Stair & Lift Cabin Slab LVL only

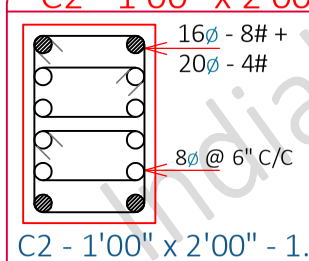
C1 - 1'00" x 2'06"



C1 - 1'00" x 2'06" - 1.61%

4 Ring's (4 Rectangle)

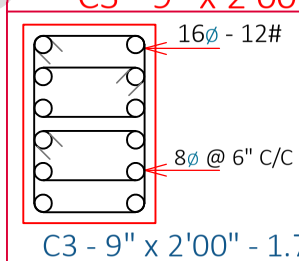
C2 - 1'00" x 2'00"



C2 - 1'00" x 2'00" - 1.60%

3 Ring's (3 Rectangle)

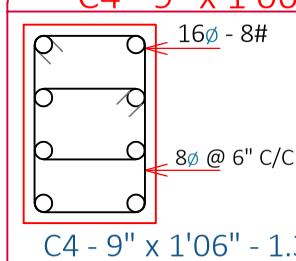
C3 - 9" x 2'00"



C3 - 9" x 2'00" - 1.75%

3 Ring's (3 Rectangle)

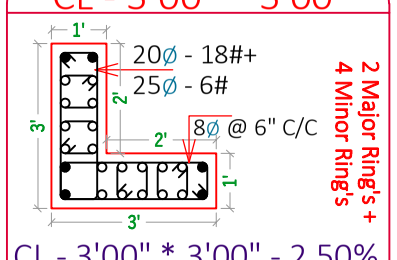
C4 - 9" x 1'06"



C4 - 9" x 1'06" - 1.36%

3 Ring's (3 Rectangle)

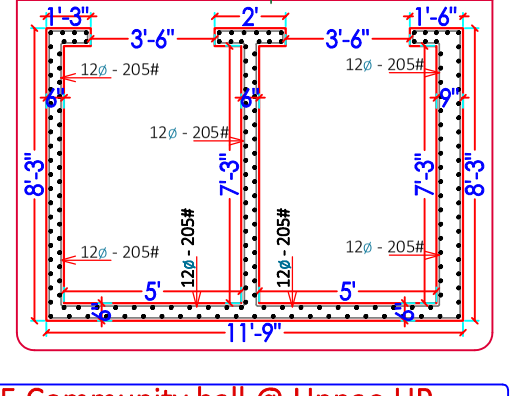
CL - 3'00" * 3'00"



CL - 3'00" * 3'00" - 2.50%

6 Ring's (6 Rectangle)

LW1 = As per Details



SCALE - NTS | R-0 | *A3 PRINTS* | S-5 | Col's C/S Details | G+5 Community hall @ Unnao UP

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(A) - SLAB - 20mm (B) - BEAMS TOP & BOTTOM - 30mm (C) - BEAMS SIDES - 25mm
(D) - COLUMNS - 40 mm (E) - FOOTINGS (Sides) - 50mm
7 - WATER USED FOR CONCRETING SHALL MEET CL - 5.4 IS - 456
8 - DEVELOPMENT LENGTH SHALL BE 48D (D - DIA OF BAR in mm)

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SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	Drw Table
Drw - 1	Col's C/S Details
Drw - 2	Ped's C/S Details
Drw - 3	

21/11/2023

PROJECT BY:-

Ar Hassan Md. Ji

Unnao 209806 Kanpur Uttar Pradesh

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namaste@hrkdesigns.in

COLUMN's TABLE

Sr. No	Floor / Story	Col's Name	Col's Size	Num of Col's	Col's Reinf^	Concrete (Grade)	Reinforcement (Grade)
1	GF + FF	C-1	1' x 2'06"	10	16Ø - 8# + 20Ø - 12#	M:25 (1:1:2)	Fy:500
2		C-2	1' x 2'	09	16Ø - 6# + 20Ø - 8#		
3		C-3	9" x 2'	02	16Ø - 4# + 20Ø - 8#		
4		C-4	9" x 1'06"	04	16Ø - 10#		
5		C-L	As per Details	01	20Ø - 18# + 25Ø - 6#		
6		LW'1	As per Details	02	12Ø - 205#		
7	SF + 3F	C-1	1' x 2'06"	10	16Ø - 10# + 20Ø - 10#	M:25 (1:1:2)	Fy:500
8		C-2	1' x 2'	09	16Ø - 6# + 20Ø - 8#		
9		C-3	9" x 2'	02	16Ø - 8# + 20Ø - 4#		
10		C-4	9" x 1'06"	04	16Ø - 10#		
11		C-L	As per Details	01	20Ø - 18# + 25Ø - 6#		
12		LW'1	As per Details	02	12Ø - 205#		
13	4F + 5F	C-1	1' x 2'06"	10	16Ø - 14# + 20Ø - 6#	M:25 (1:1:2)	Fy:500
14		C-2	1' x 2'	09	16Ø - 10# + 20Ø - 4#		
15		C-3	9" x 2'	02	16Ø - 8# + 20Ø - 4#		
16		C-4	9" x 1'06"	04	16Ø - 8#		
17		C-L	As per Details	01	20Ø - 18# + 25Ø - 6#		
18		LW'1	As per Details	02	12Ø - 205#		
19	SC + LC	C-1	1' x 2'06"	10	16Ø - 18#	M:25 (1:1:2)	Fy:500
20		C-2	1' x 2'	09	16Ø - 8# + 20Ø - 4#		
21		C-3	9" x 2'	02	16Ø - 12#		
22		C-4	9" x 1'06"	04	16Ø - 8#		
23		C-L	As per Details	01	20Ø - 18# + 25Ø - 6#		
24		LW'1	As per Details	02	12Ø - 205#		

F1 = 8'00"*12'00" = 7#

F2 = 7'00"*10'00" = 7#

F3 = 6'06"*9'00" = 1#

F4 = As per Details = 1#

F5 = As per Details = 1#

F6 = 14'00"*9'00" = 1#

FL = 12'00"*12'00" = 1#

FLW = 16'03"*20'00" = 1#

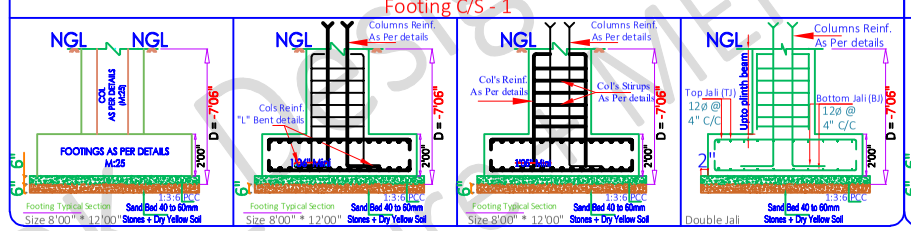
PEDESTAL's TABLE

Sr. No	Ped's Name	Ped's Size	Ped's height (h)	Num of Ped's	Ped Reinf^	Concrete (Grade)	Reinforcement (Grade)
1	Pe-1	2'00" x 3'06"	4'06"	10	10Ø - 10# + 12Ø - 20#	M:25	Fy:500
2	Pe-2	2'00" x 3'00"	4'06"	09	10Ø - 10# + 12Ø - 16#		
3	Pe-3	1'09" x 3'00"	4'06"	02	10Ø - 8# + 12Ø - 16#		
4	Pe-4	1'09" x 2'06"	4'06"	04	10Ø - 8# + 12Ø - 16#		
4	Pe-L	As per Detail	4'06"	01	10Ø - 19# + 12Ø - 20#		

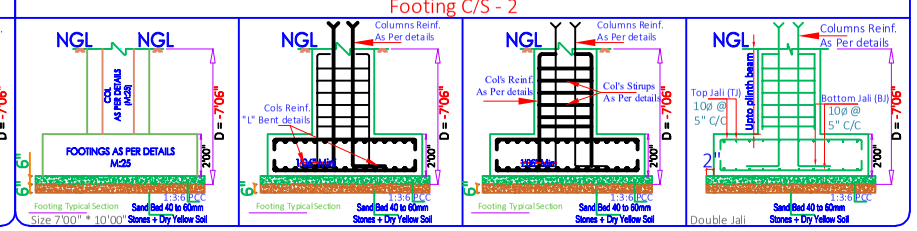
FOOTING's TABLE

Sr. No	Footing's Name	Footing's depth (d)	Overall depth (D)	Top Jali (Top Reinf^)	Bottom Jali (Bottom Reinf^)	Concrete (Grade)	Reinforcement (Grade)
1	F-1	2'00"	-7'06"	12Ø @ 4" C/C	12Ø @ 4" C/C	M:25 (1:1:2)	Fy:500
2	F-2	2'00"	-7'06"	10Ø @ 5" C/C	10Ø @ 5" C/C		
3	F-3	2'00"	-7'06"	10Ø @ 5" C/C	12Ø @ 5" C/C		
4	F-4	1'09"	-7'06"	10Ø @ 5" C/C	10Ø @ 5" C/C		
5	F-5	2'00"	-7'06"	12Ø @ 4" C/C	12Ø @ 4" C/C		
6	F-6	2'00"	-7'06"	10Ø @ 4" C/C	12Ø @ 4" C/C	M:25 (1:1:2)	Fy:500
7	F-L	2'00"	-7'06"	12Ø @ 5" C/C	12Ø @ 5" C/C		
8	F-LW	1'09"	-7'06"	10Ø @ 4" C/C	10Ø @ 4" C/C		

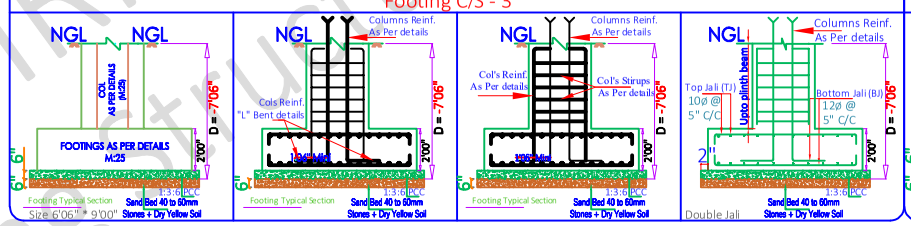
Footing C/S Details — Footing C/S - 1



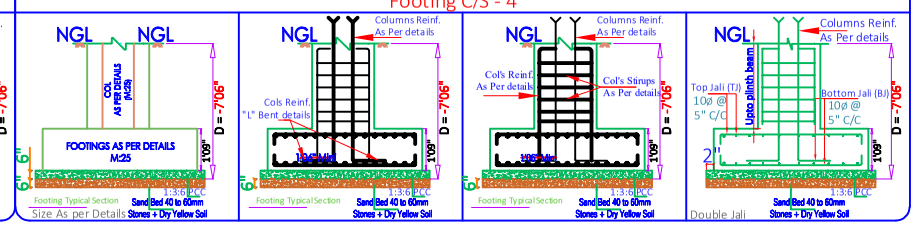
Footing C/S Details — Footing C/S - 2



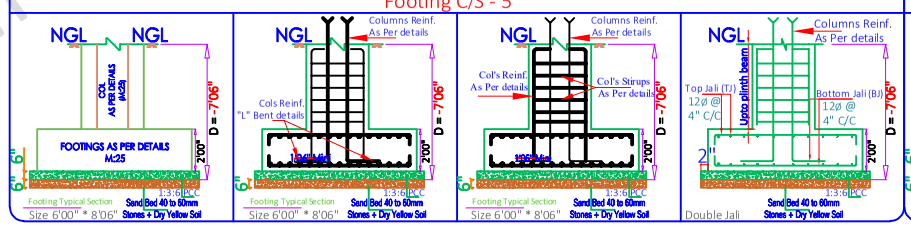
Footing C/S Details — Footing C/S - 3



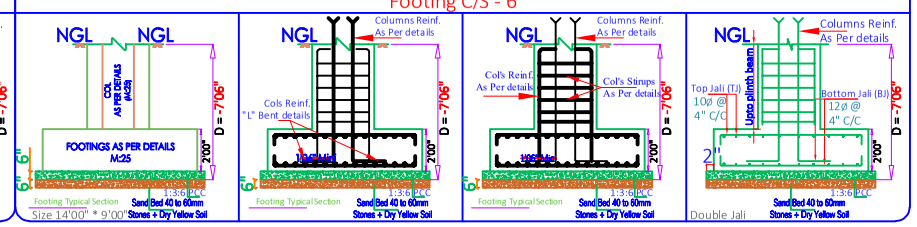
Footing C/S Details — Footing C/S - 4



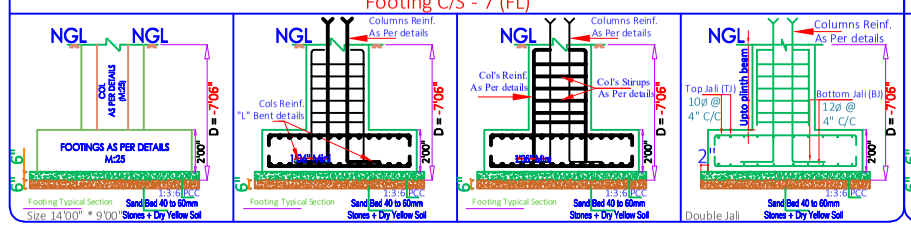
Footing C/S Details — Footing C/S - 5



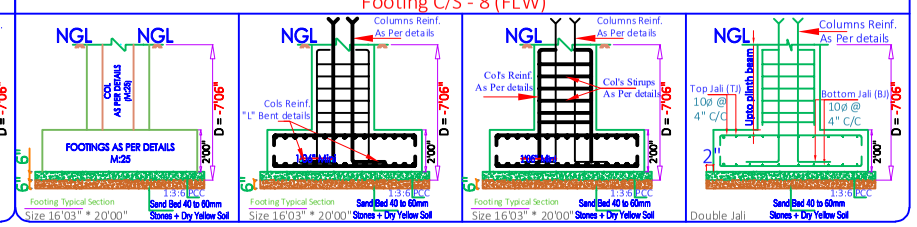
Footing C/S Details — Footing C/S - 6



Footing C/S Details — Footing C/S - 7 (FL)



Footing C/S Details — Footing C/S - 8 (FLW)



SCALE - NTS | R-0 | *A3 PRINTS* | S-6 | Col's & Ped's C/S Table's & Details | G+5 Community hall @ Unnao UP

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SHEET TITLE: GOOD FOR CONSTRUCTION

Drw No	Drw Table
Drw - 1	Col's C/S Details
Drw - 2	Ped's C/S Details
Drw - 3	

21/11/2023

PROJECT BY:-

Ar Hassan Md. Ji

Unnao 209806 Kanpur Uttar Pradesh

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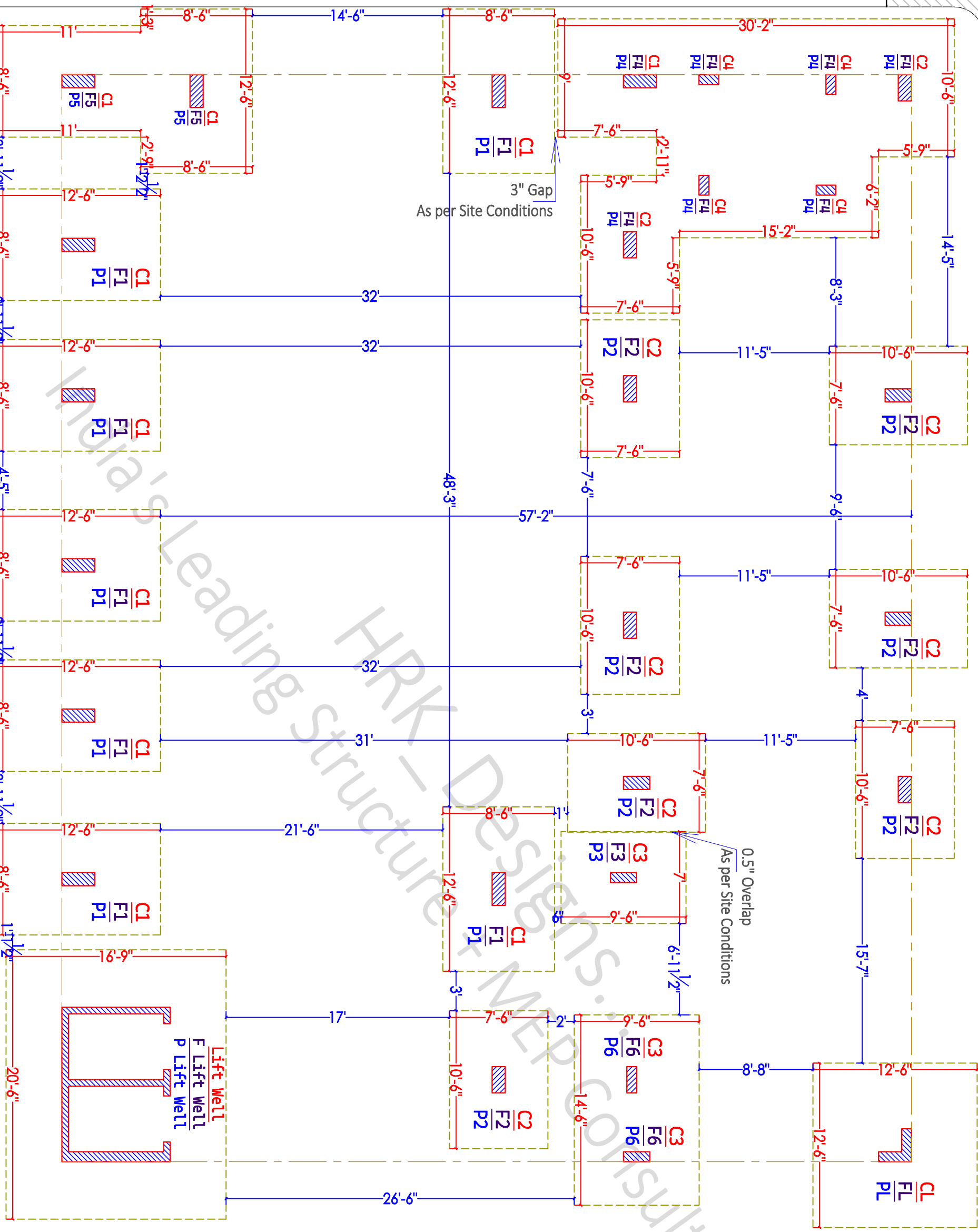

Total Excavation Depth -7'06"

PLS NOTE

Considering 32T/M2 as per Geotech Consultants reports
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SCALE - NTS | R-0 | *A3 PRINTS*

S-7 Foot's Plan & Details

G+5 Community hall @ Unnao UP

SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023

Drw Table

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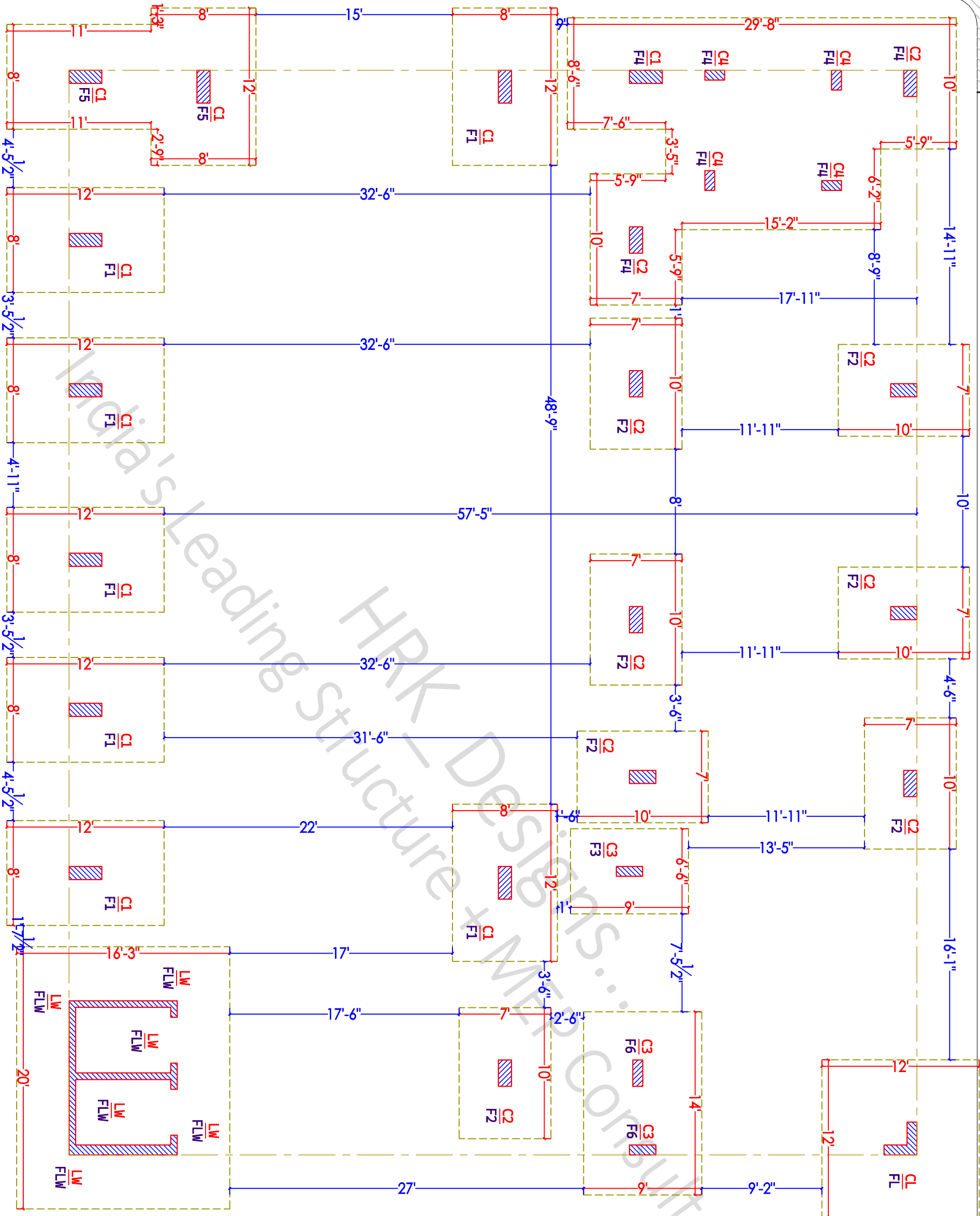

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SCALE - NTS | R-0 | *A3 PRINTS* | S-8 | F

SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023 | PROJECT BY:-

Drw No | Drw Table

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Drw - 2 | Footing's Details
Drw - 3 | Foot's Plan & Details

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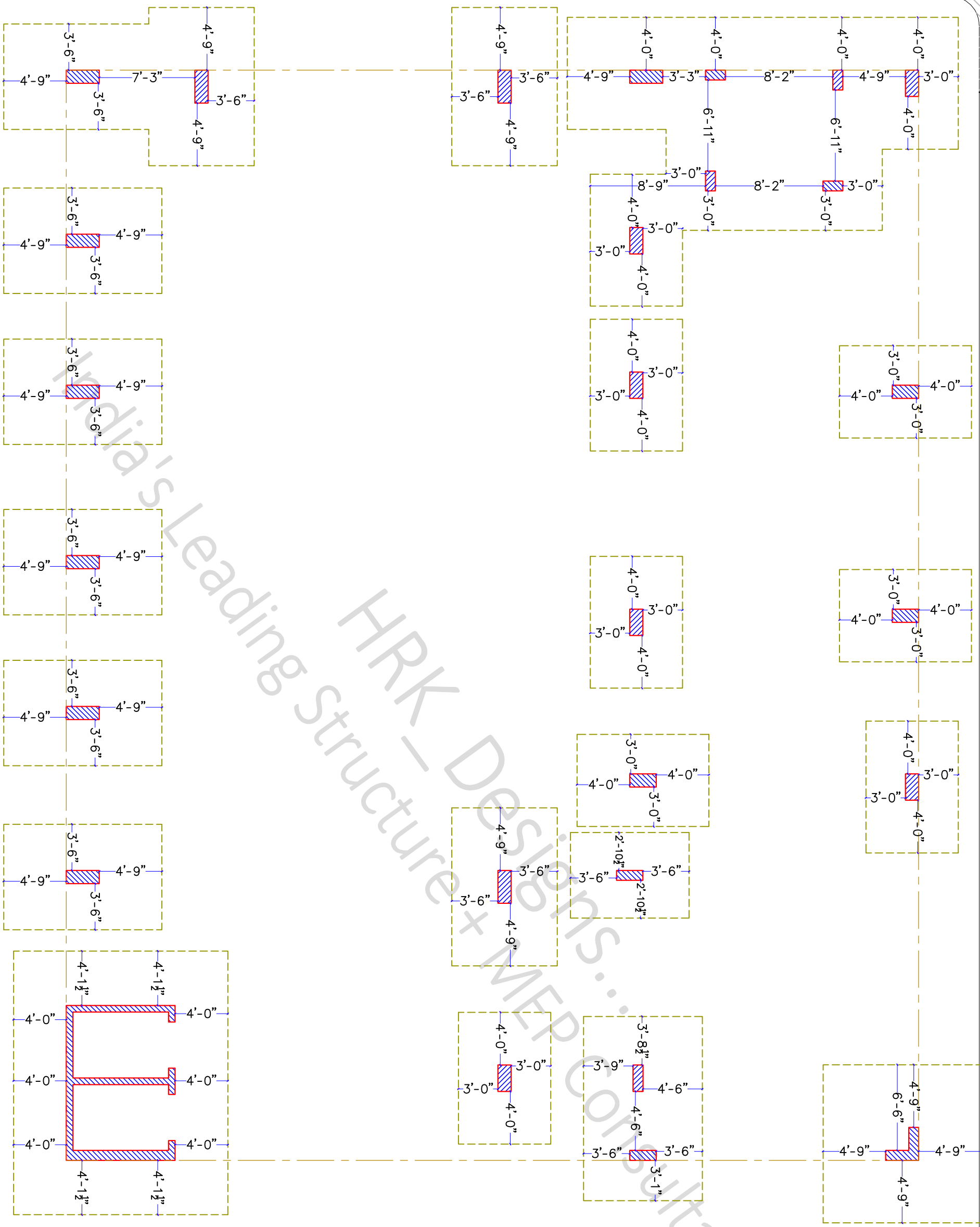

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8 - DEVELOPMENT LENGTH SHALL BE 48D (D - DIA OF BAR in mm)

SCALE - NTS | R-0 | *A3 PRINTS* | S-9

CODES USED FOR DESIGNING
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- IS:1893 - 2002 - INDIAN STANDARD CODE OF PRACTICE FOR EARTHQUAKE RESISTANCE DESIGN OF STRUCTURE

SHEET TITLE — Foot's Plan & Details

Drw No	Drw Table
Drw - 1	Footing's Plan
Drw - 2	Footing's Details
Drw - 3	

GOOD FOR CONSTRUCTION | 21/11/2023

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

G+5 Community hall @ Unnao UP

CHK	DRW
AKA	PH

HRK/Ar.HM/GFC/13/24/6
HRKD/13/11/22/2023

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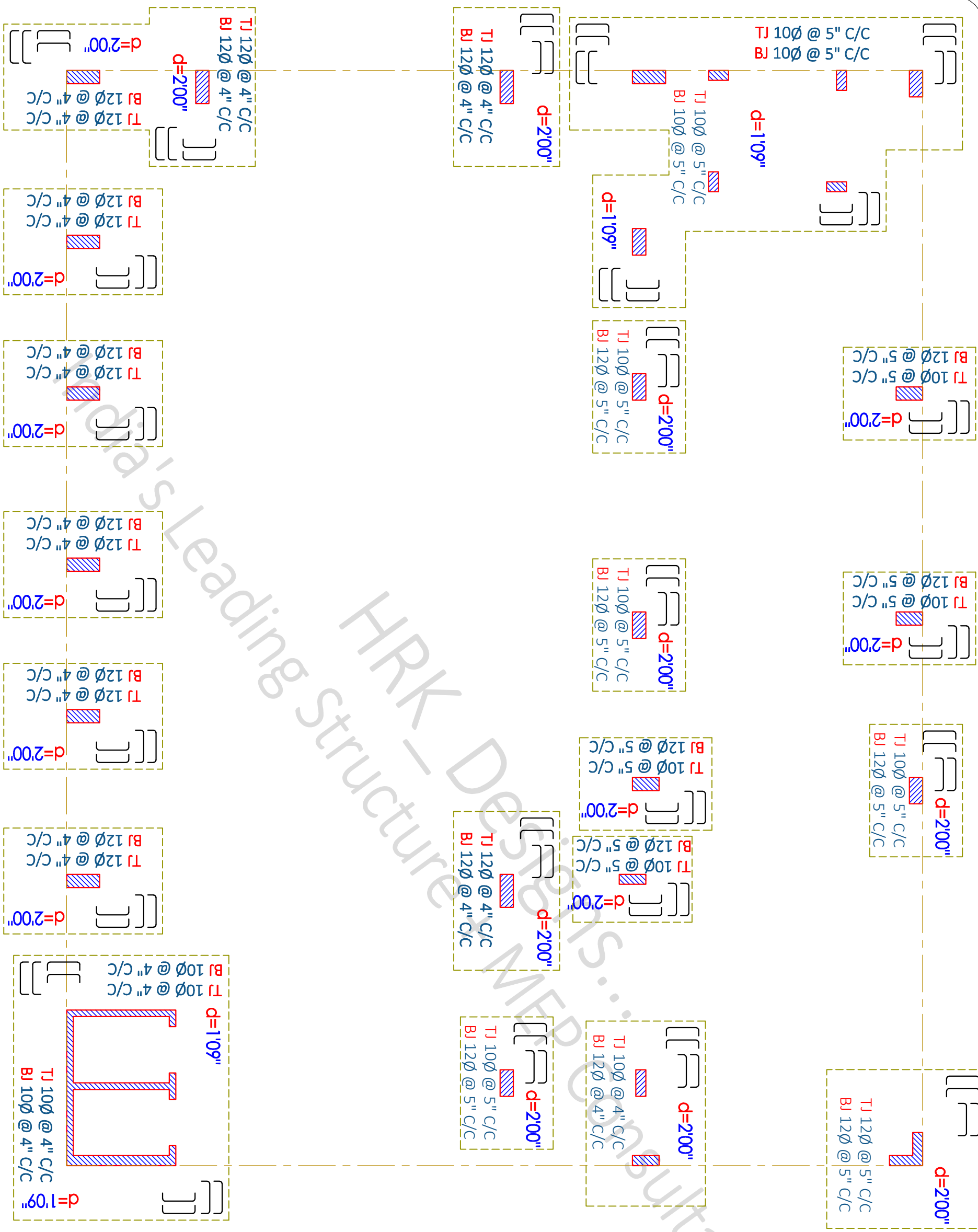

Total Excavation Depth -7'06"

PLS NOTE

Considering 32T/M2 as per Geotech Consultants reports
(If any changes in soil profile as per site conditions must be immediately brought under written structure Engg's notice)

NOTES

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SCALE - NTS | R-0 | *A3 PRINTS* | S-10

SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023
Drw No	Drw Table	
Drw - 1	Footing's Plan	
Drw - 2	Footing's Details	
Drw - 3		

Foot's Plan & Details

G+5 Community hall @ Unnao UP

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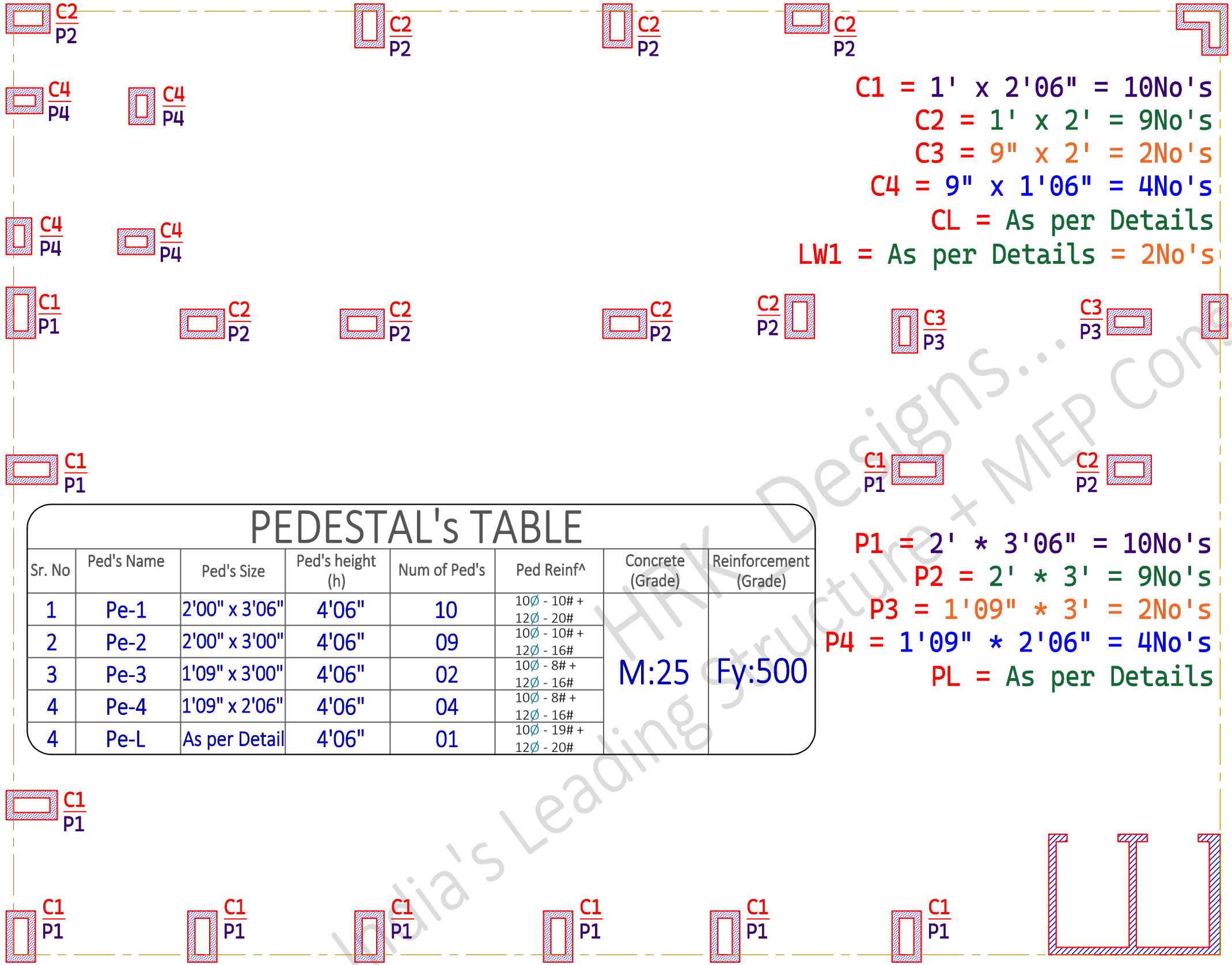
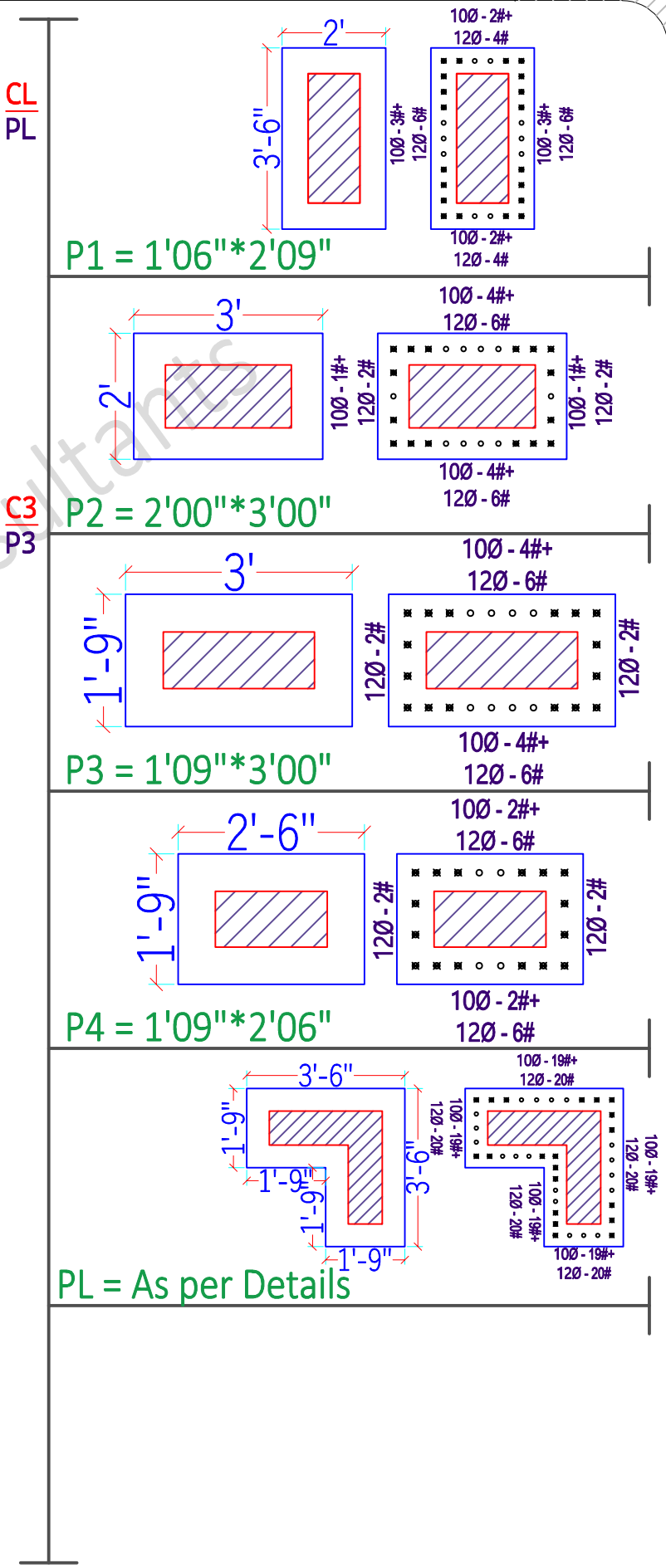


C1 = 1' x 2'06" = 10No's
C2 = 1' x 2' = 9No's
C3 = 9" x 2' = 2No's
C4 = 9" x 1'06" = 4No's
CL = As per Details
LW1 = As per Details = 2No's

P1 = 2' * 3'06" = 10No's
P2 = 2' * 3' = 9No's
P3 = 1'09" * 3' = 2No's
P4 = 1'09" * 2'06" = 4No's
PL = As per Details

PEDESTAL's TABLE

Sr. No	Ped's Name	Ped's Size	Ped's height (h)	Num of Ped's	Ped Reinf^	Concrete (Grade)	Reinforcement (Grade)
1	Pe-1	2'00" x 3'06"	4'06"	10	10Ø - 10# + 12Ø - 20#	M:25	Fy:500
2	Pe-2	2'00" x 3'00"	4'06"	09	10Ø - 10# + 12Ø - 16#		
3	Pe-3	1'09" x 3'00"	4'06"	02	10Ø - 8# + 12Ø - 16#		
4	Pe-4	1'09" x 2'06"	4'06"	04	10Ø - 8# + 12Ø - 16#		
4	Pe-L	As per Detail	4'06"	01	10Ø - 19# + 12Ø - 20#		



SCALE - NTS | R-0 | *A3 PRINTS* | S-11 | Pedestals Plan & Details | G+5 Community hall @ Unnao UP

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SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	Ped's line Plan
Drw - 2	Ped's line Details
Drw - 3	Ped's Center line C/S & Details

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

CHK AKA | DRW PH
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SCALE - NTS | R-0 | *A3 PRINTS*

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S-12 Pedestals Plan & Details

G+5 Community hall @ Unnao UP

PROJECT BY:-

Ar Hassan Md. Ji

Unnao 209806 Kanpur Uttar Pradesh

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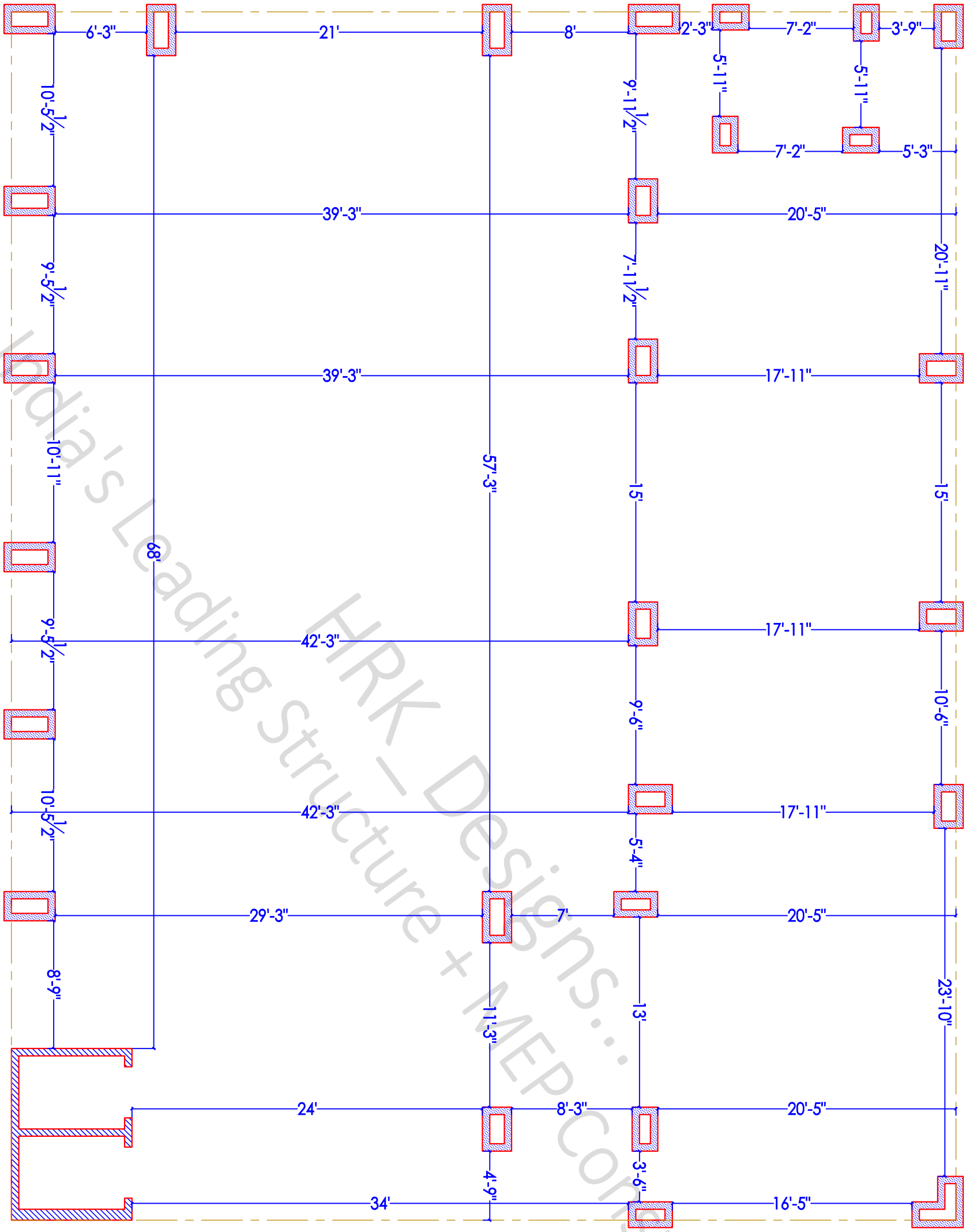

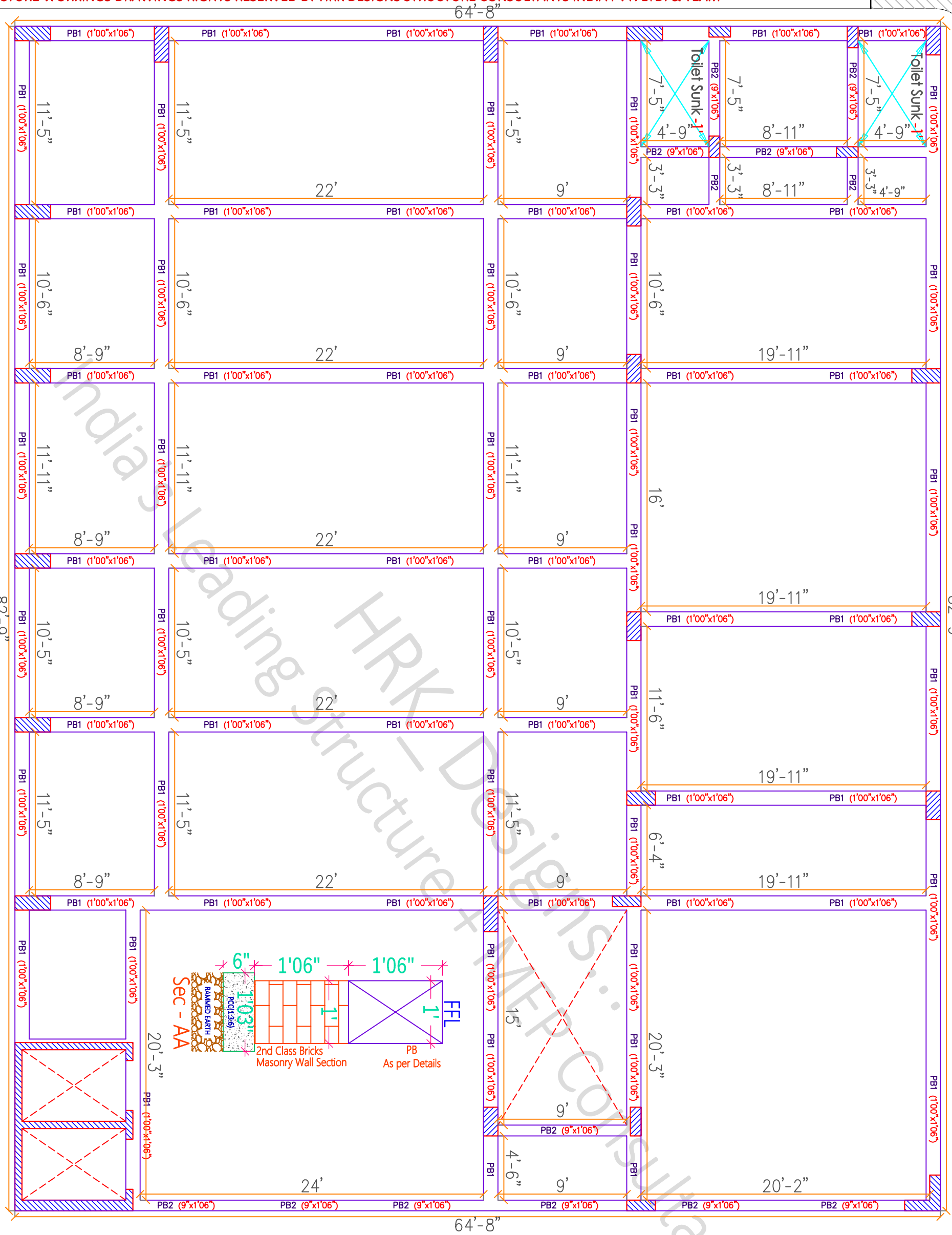

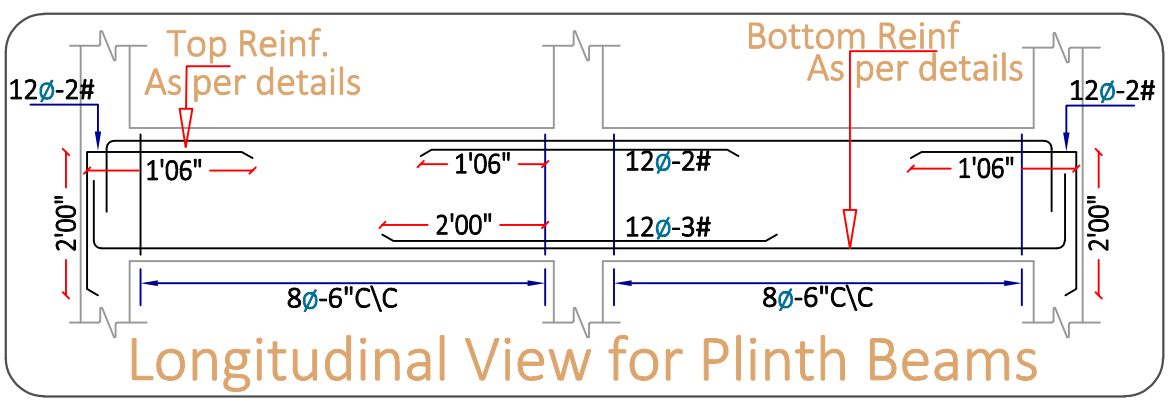

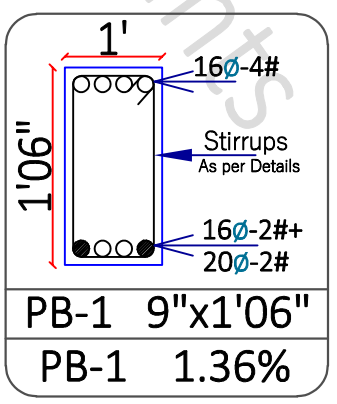

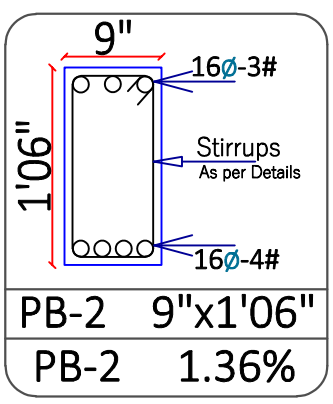

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SCALE - NTS | R-0 | *A3 PRINTS* | S-13 | PB Plan & Details

SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023
Drw No	Drw Table	PROJECT BY:-
Drw - 1	PB Plan & Layout	Ar Hassan Md. Ji
Drw - 2	PB Plan & C/S Details	Unnao 209806 Kanpur Uttar Pradesh
Drw - 3		

G+5 Community hall @ Unnao UP

CHK	DRW
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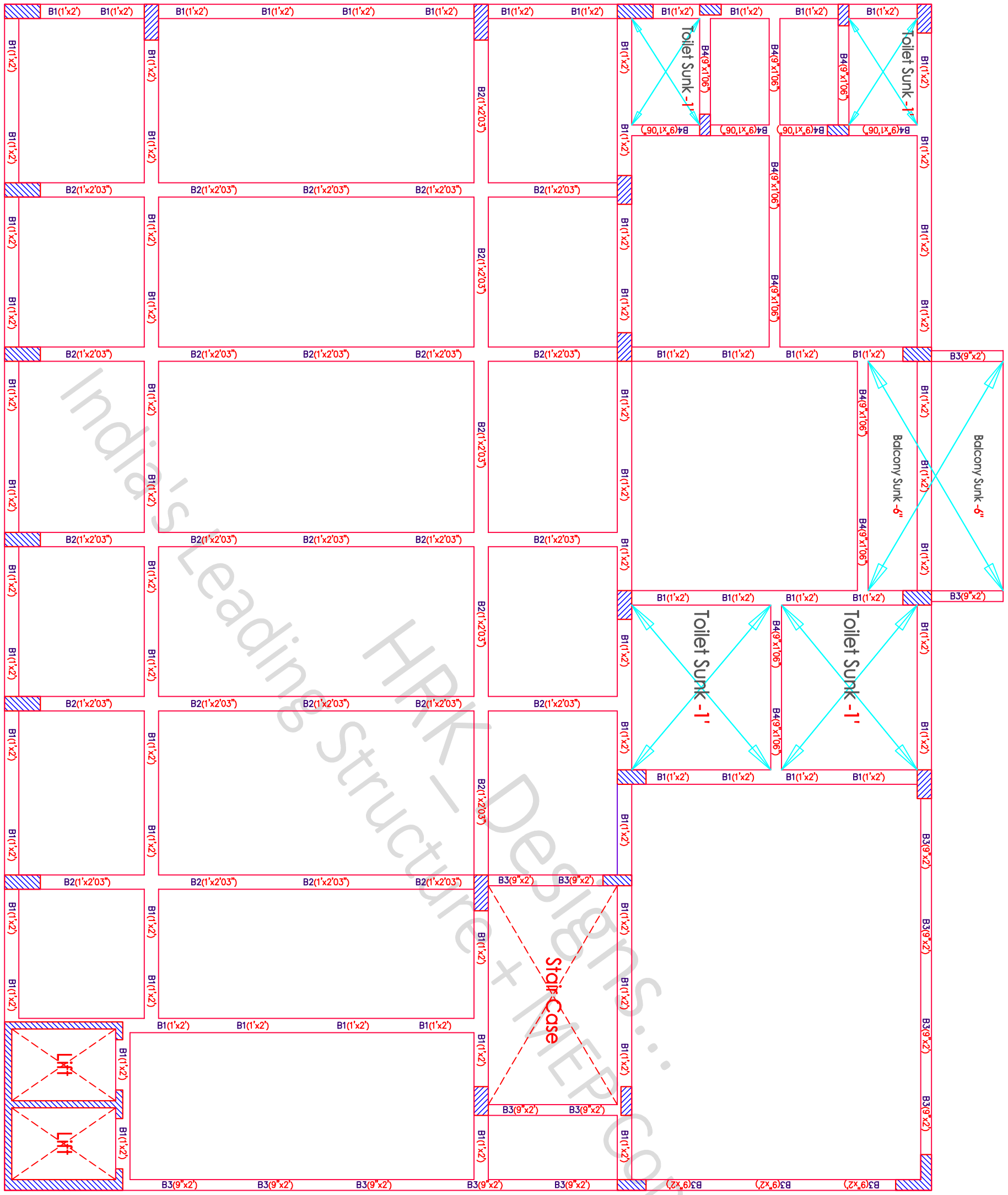

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SCALE - NTS | R-0 | *A3 PRINTS* | S-14

SHEET TITLE | GF Beam Plan & Details

Drw No	
Drw - 1	GF Beam Plan
Drw - 2	GF Beam Layout
Drw - 3	GF Beam Plan & C/S Details

GOOD FOR CONSTRUCTION | 21/11/2023

Drw Table

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

G+5 Community hall @ Unnao UP

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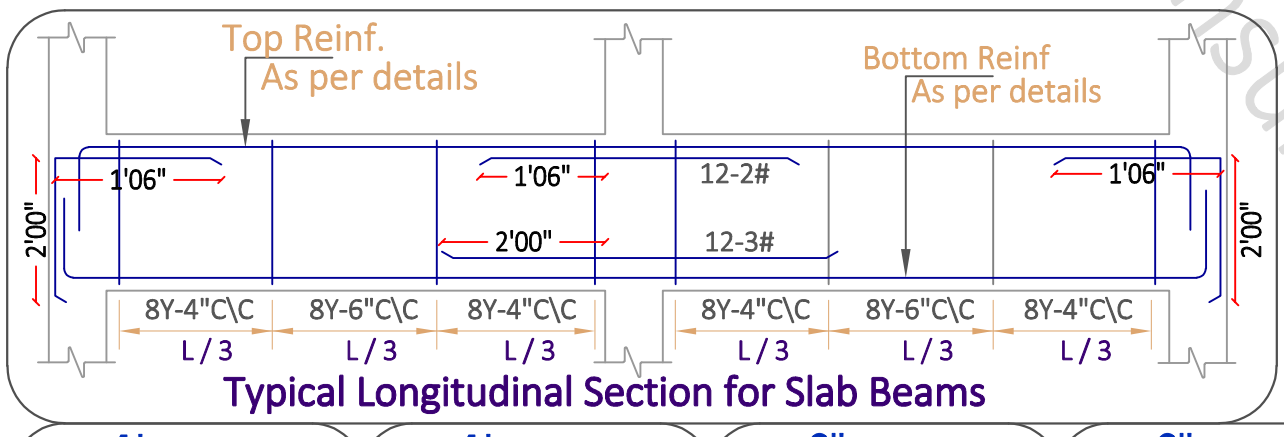
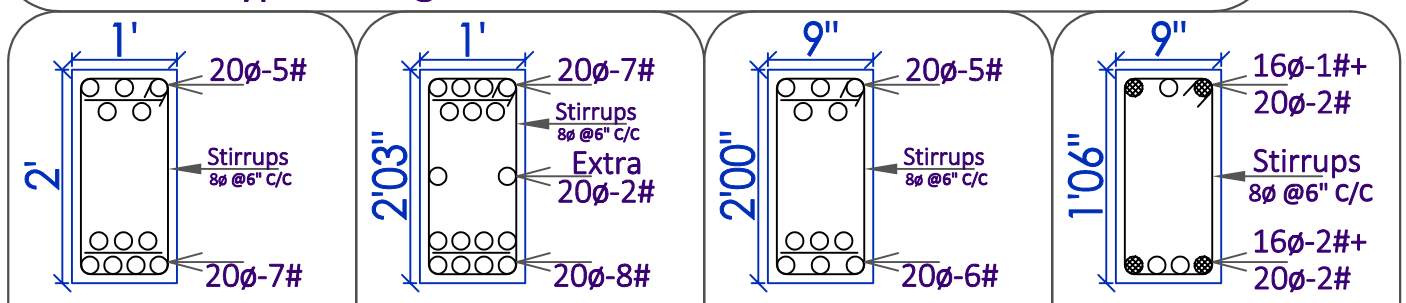
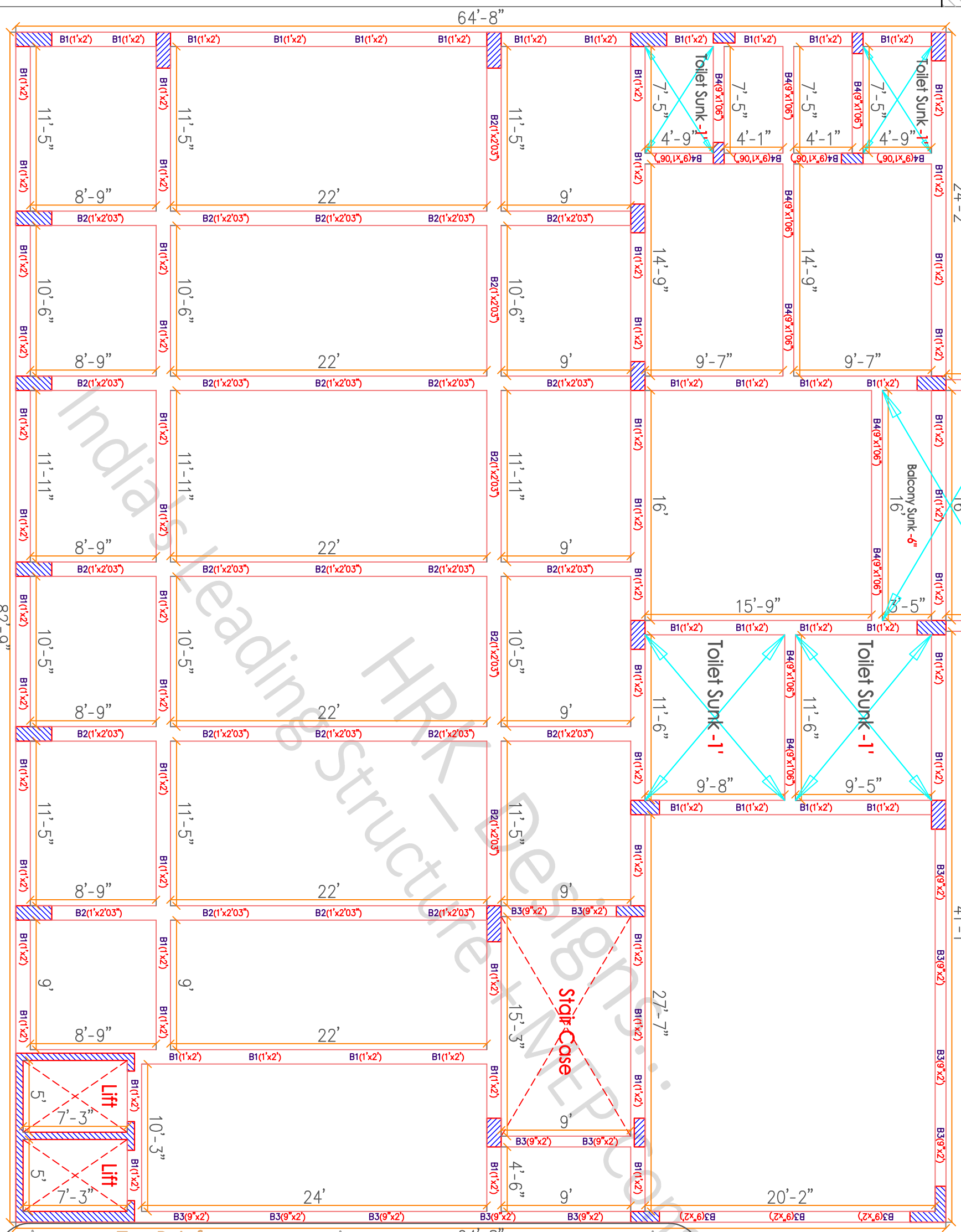


Typical Longitudinal Section for Slab Beams



B-1	1'x2'	B-2	1'x2'03"	B-3	9"x2'00"	B-4	9"x1'06"
B-1	2.10%	B-2	2.32%	B-3	2.50%	B-4	1.80%

● LARGER DIA REINFORCEMENT BAR
○ SMALLER DIA REINFORCEMENT BAR



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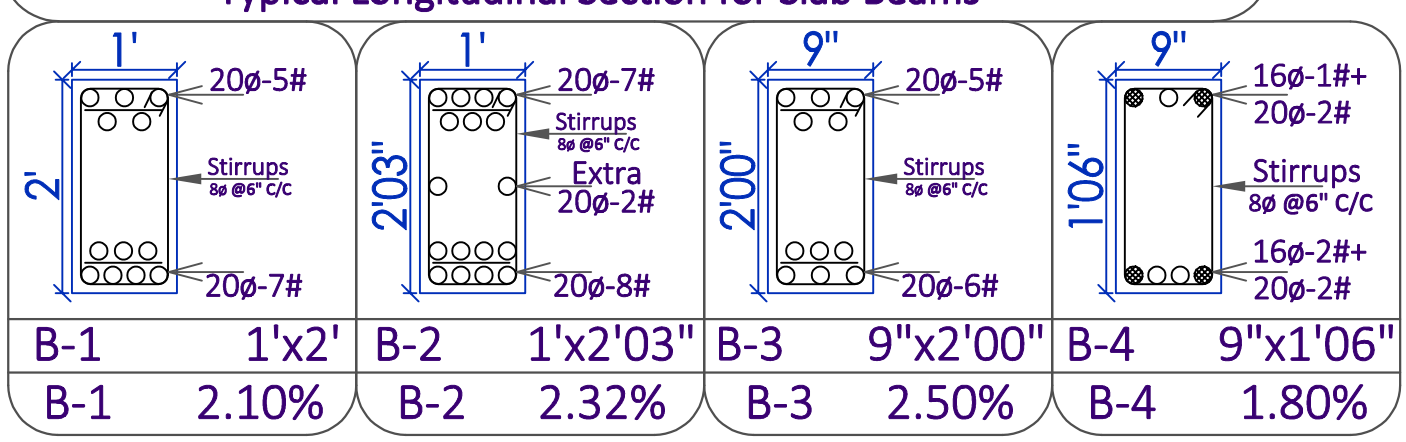

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○ SMALLER DIA REINFORCEMENT BAR
● LARGER DIA REINFORCEMENT BAR

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SCALE - NTS | R-0 | *A3 PRINTS* | S-15

SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

GF Beam Plan & Details

Drw Table

Drw No	
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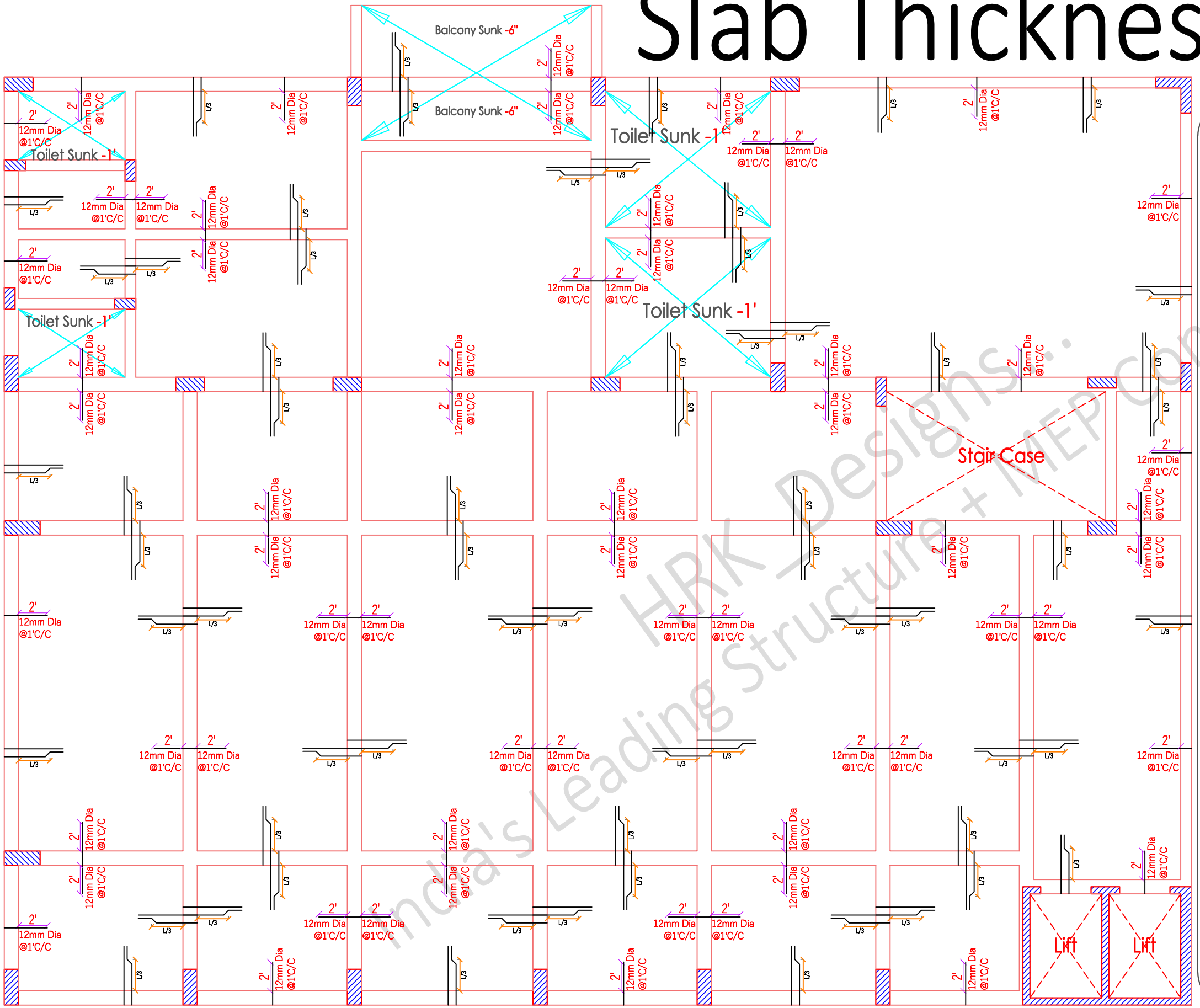
Slab Thickness = 6"



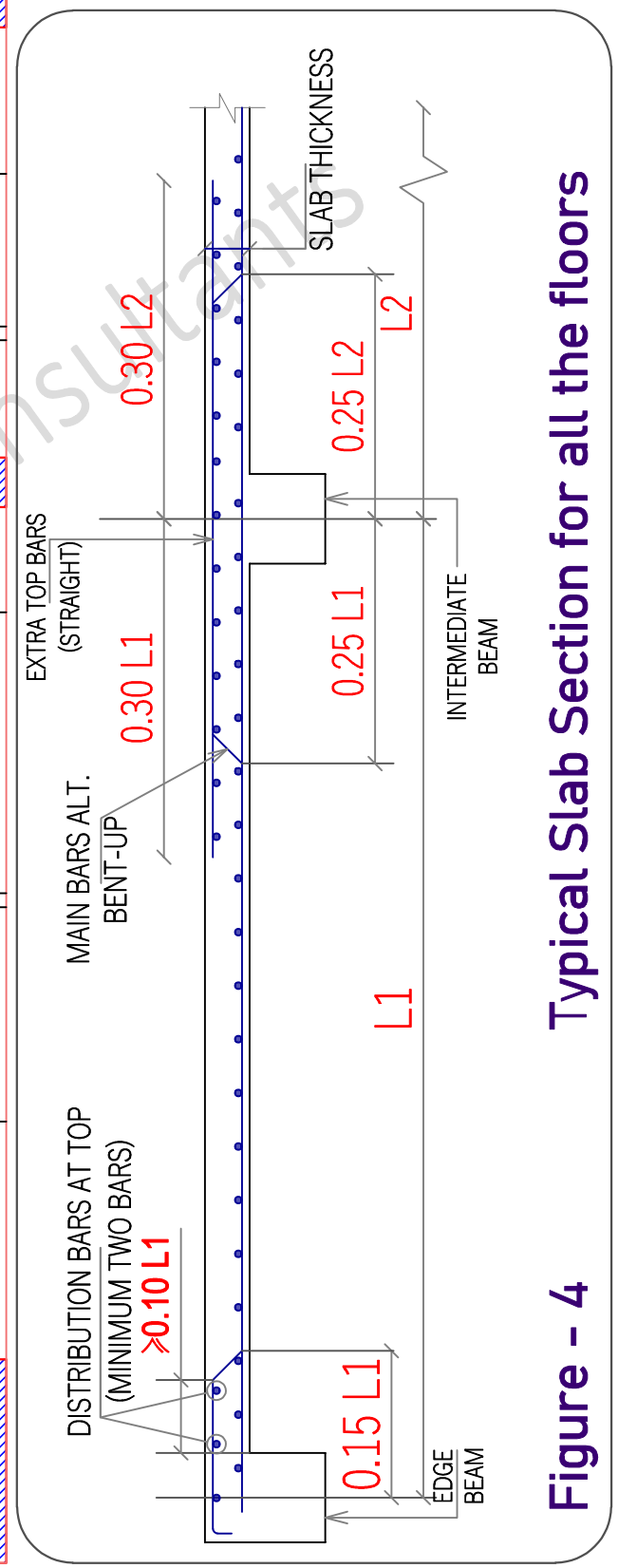


Figure - 4 Typical Slab Section for all the floors

10ø Bent-up bars @ 5" C/C

10ø Straight bars @ 5" C/C

12ø Extra bars @ 1' C/C (Junctions & Ends)

SCALE - NTS | R-0 | *A3 PRINTS* | S-16 | GF Slab Plan & Details | G+5 Community hall @ Unnao UP

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SHEET TITLE: GOOD FOR CONSTRUCTION — 21/11/2023

Drw No	Drw Table
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Drw - 2	GF Slab Layout
Drw - 3	GF Slab Plan & C/S Details

PROJECT BY:-

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Unnao 209806 Kanpur Uttar Pradesh

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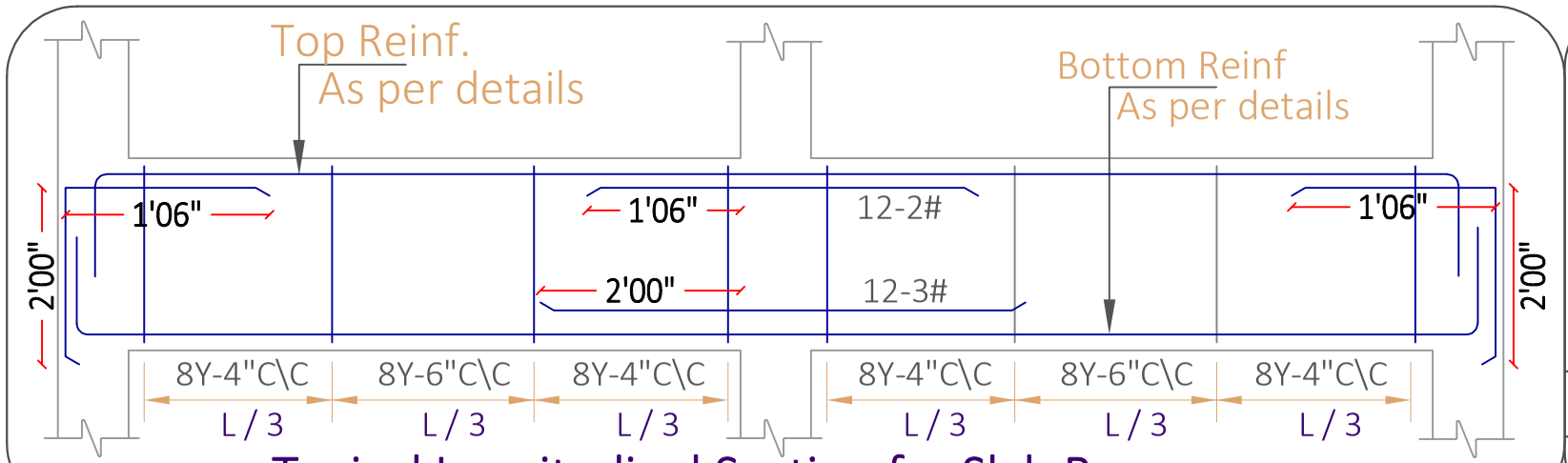
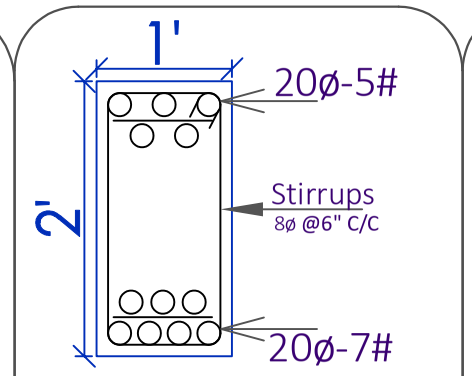
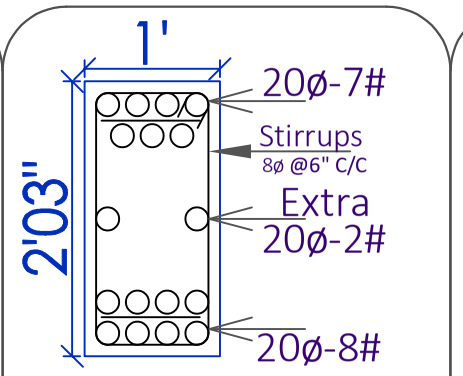
namaste@hrkdesigns.in



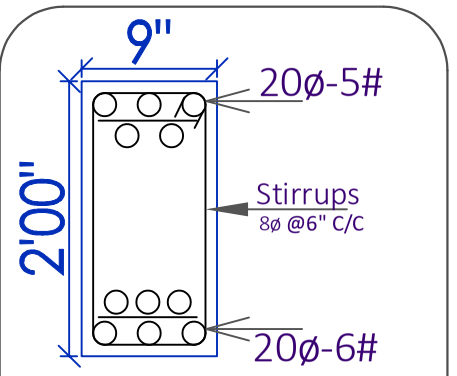
Typical Longitudinal Section for Slab Beams



B-1	1'x2'
B-1	2.10%



B-2	1'x2'03"
B-2	2.32%



B-3	9"x2'00"
B-3	2.50%

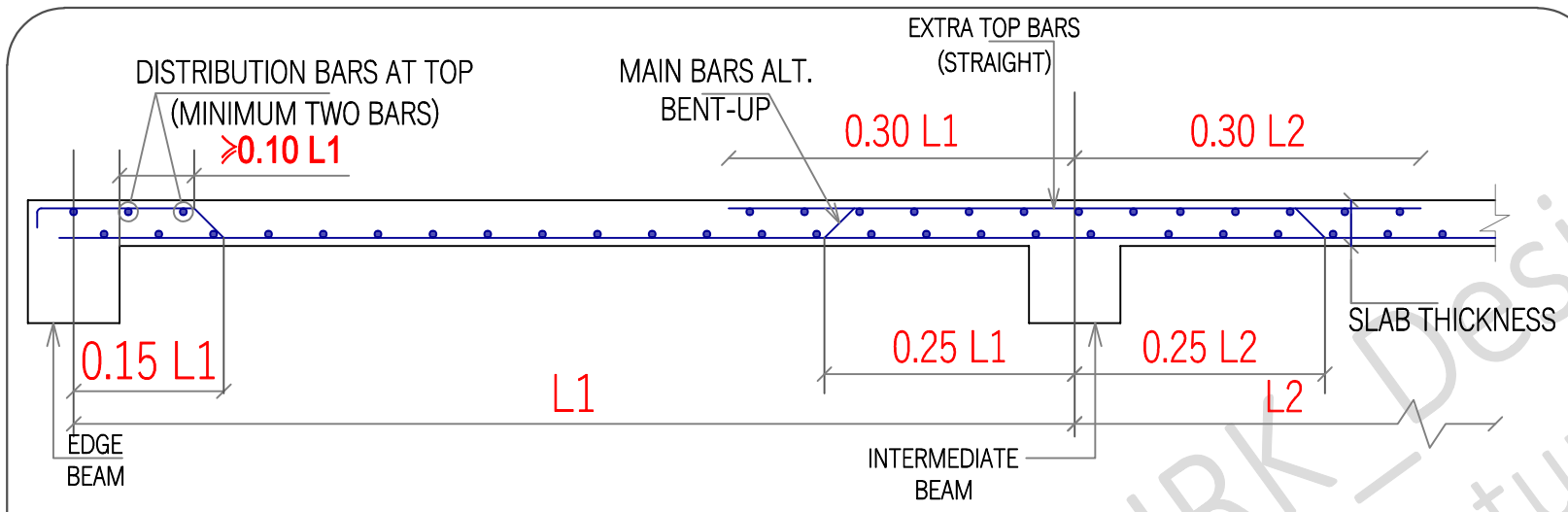
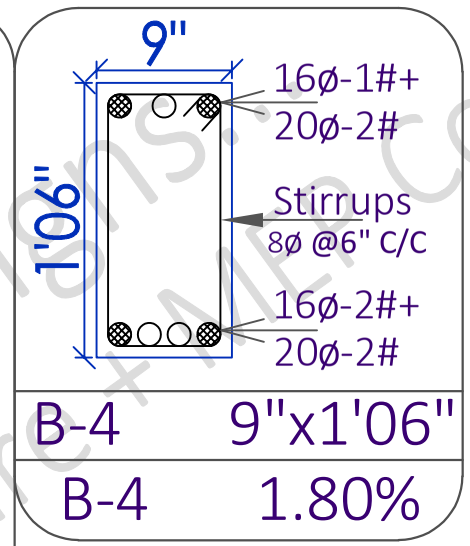


Figure - 4 Typical Slab Section for all the floors



B-4	9"x1'06"
B-4	1.80%

Slab Thickness = 6"

10ø Bent-up bars @ 5" C/C

10ø Straight bars @ 5" C/C

12ø Extra bars @ 1' C/C (Junctions & Ends)

◯ SMALLER DIA REINFORCEMENT BAR

● LARGER DIA REINFORCEMENT BAR

SCALE - NTS | R-0 | *A3 PRINTS* | S-17 | GF Beam & Slab Reinf^ Details | G+5 Community hall @ Unnao UP

NOTES

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5 - ALL RCC CONCRETE SHALL BE AS PER IS - 456
6 - CLEAR COVER SHOULD BE AS PER FOLLOWING SPECIFIED
(A) - SLAB - 20mm (B) - BEAMS TOP & BOTTOM - 30mm (C) - BEAMS SIDES - 25mm
(D) - COLUMNS - 40 mm (E) - FOOTINGS (Sides) - 50mm
7 - WATER USED FOR CONCRETING SHALL MEET CL - 5.4 IS - 456
8 - DEVELOPMENT LENGTH SHALL BE 48D (D - DIA OF BAR in mm)

CODES USED FOR DESIGNING
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- IS 1893 - 2002 - INDIAN STANDARD CODE OF PRACTICE FOR EARTHQUAKE RESISTANCE DESIGN OF STRUCTURE

SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	GF Beam & Slab C/S Details
Drw - 2	GF Beam & Slab Reinf^ C/S Details
Drw - 3	

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

CHK AKA | DRW PH
HRK/Ar.HM/GFC/13/24/6
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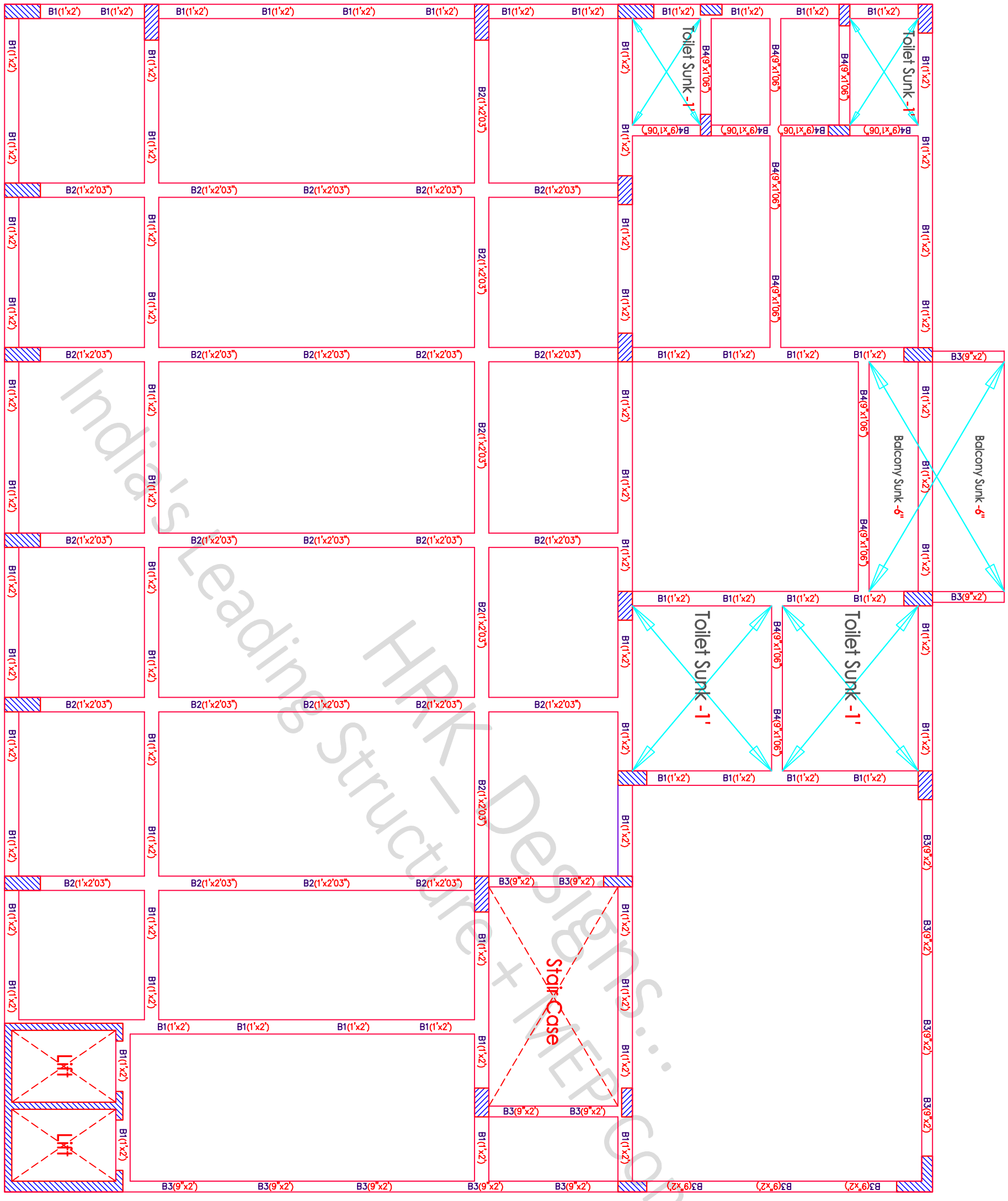

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SCALE - NTS | R-0 | *A3 PRINTS* | S-18

FF Beam Plan & Details

SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023

Drw Table

Drw No	
Drw - 1	FF Beam Plan
Drw - 2	FF Beam Layout
Drw - 3	FF Beam Plan & C/S Details

PROJECT BY:-
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G+5 Community hall @ Unnao UP

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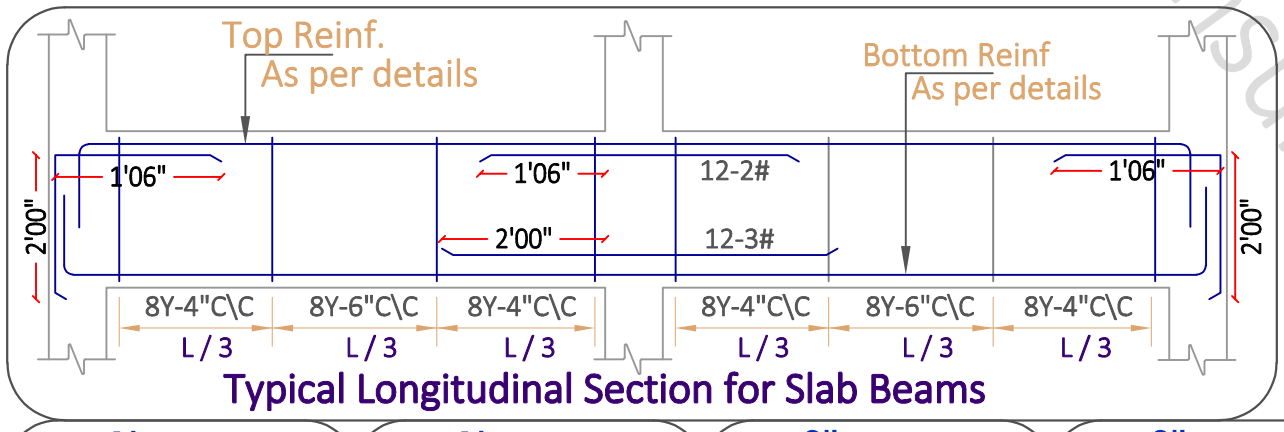
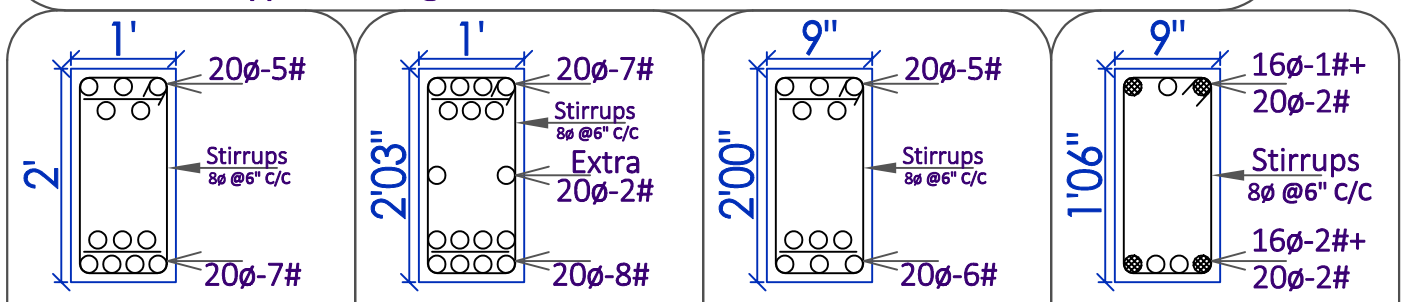


Typical Longitudinal Section for Slab Beams



B-1	1'x2'	B-2	1'x2'03"	B-3	9"x2'00"	B-4	9"x1'06"
B-1	2.10%	B-2	2.32%	B-3	2.50%	B-4	1.80%

○ SMALLER DIA REINFORCEMENT BAR
● LARGER DIA REINFORCEMENT BAR

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SCALE - NTS | R-0 | *A3 PRINTS* | S-19

SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

FF Beam Plan & Details

Drw Table

Drw No	
Drw - 1	FF Beam Plan
Drw - 2	FF Beam Layout
Drw - 3	FF Beam Plan & C/S Details

PROJECT BY:-

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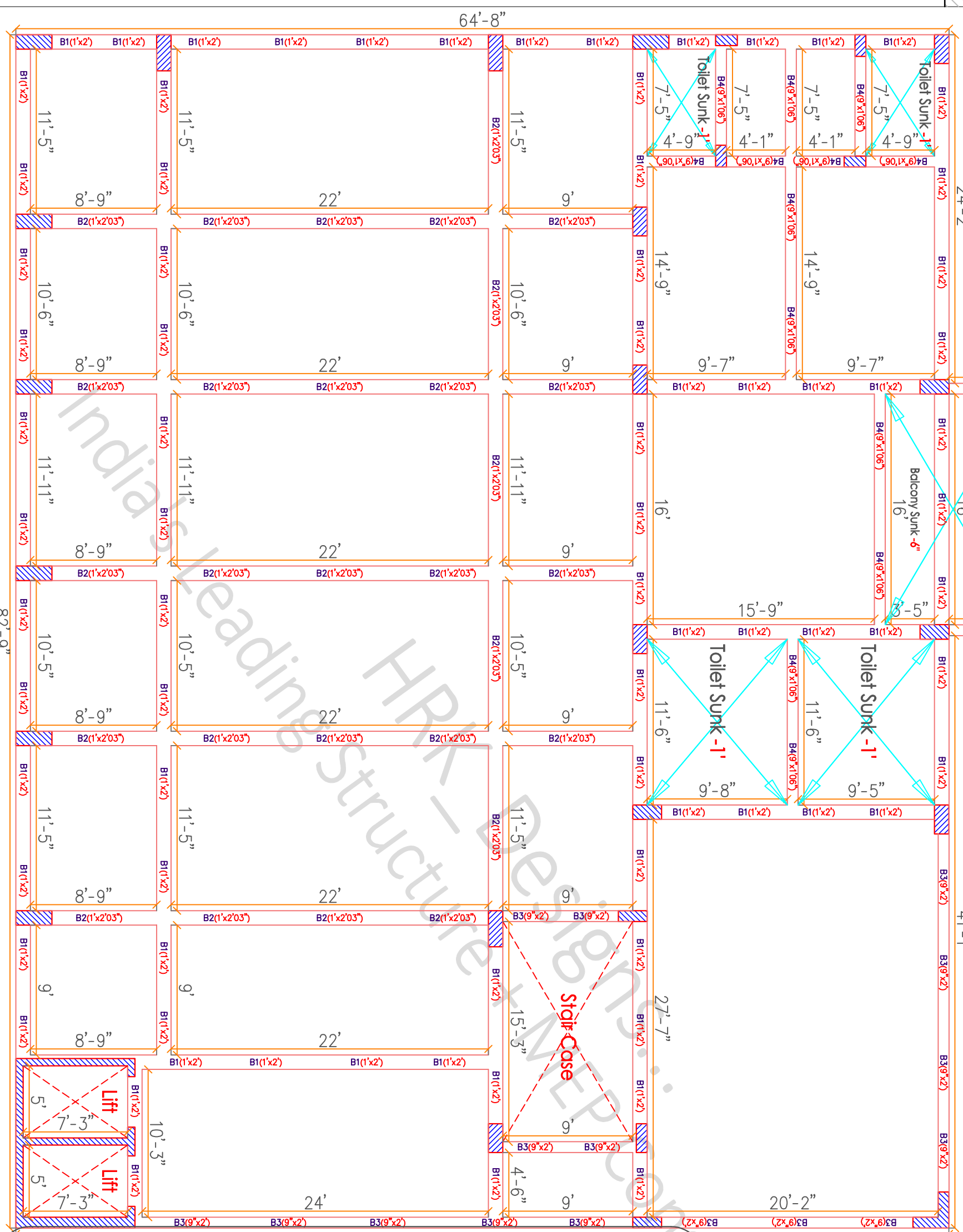
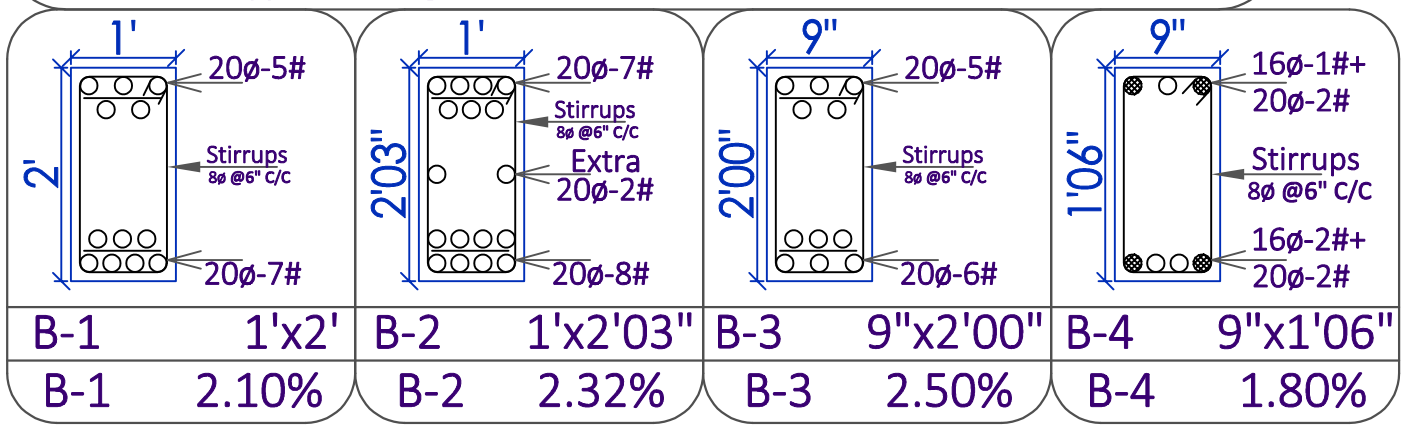


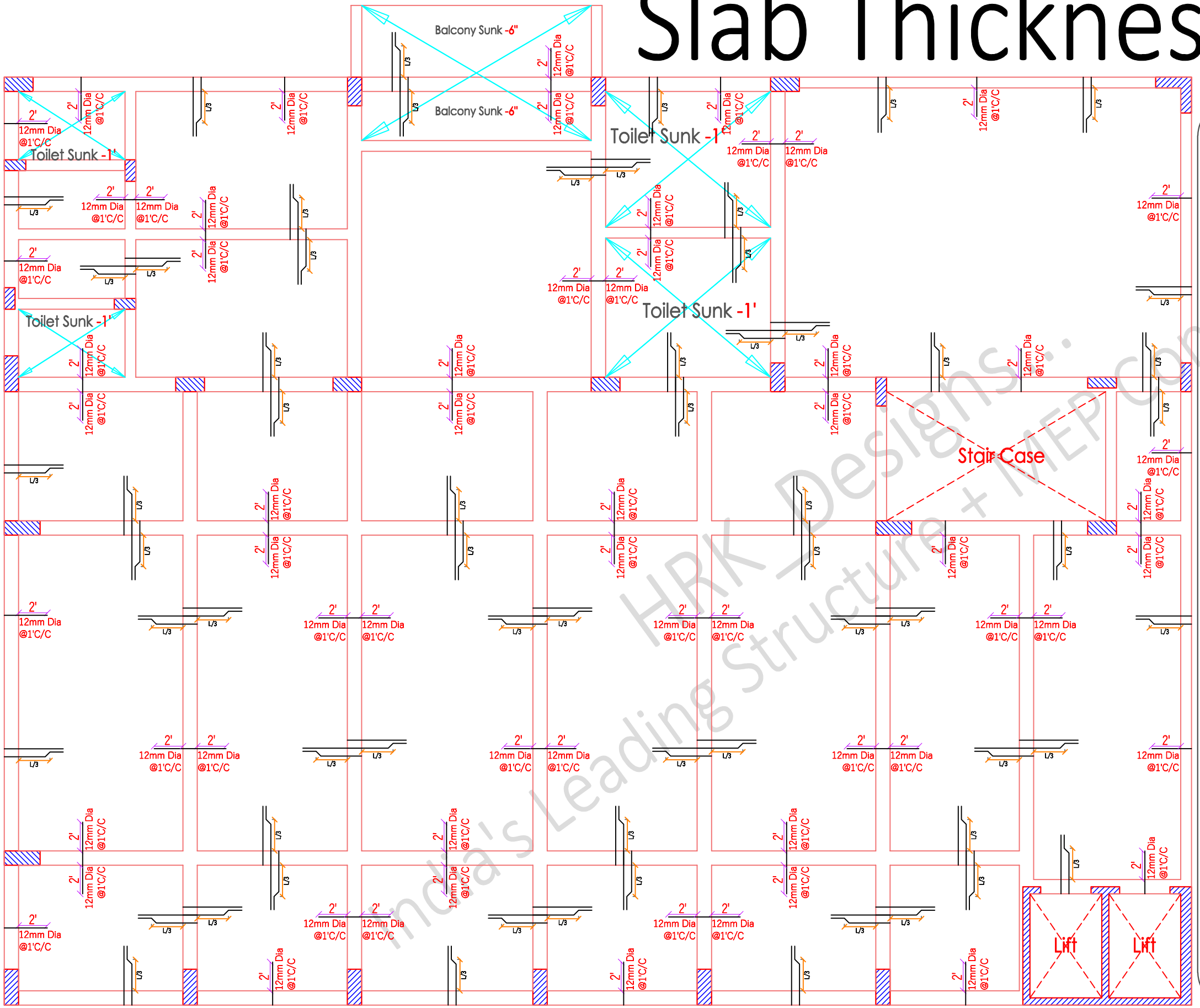
Typical Longitudinal Section for Slab Beams



B-1	1'x2'	B-2	1'x2'03"	B-3	9"x2'00"	B-4	9"x1'06"
B-1	2.10%	B-2	2.32%	B-3	2.50%	B-4	1.80%

○ SMALLER DIA REINFORCEMENT BAR
● LARGER DIA REINFORCEMENT BAR

Slab Thickness = 6"



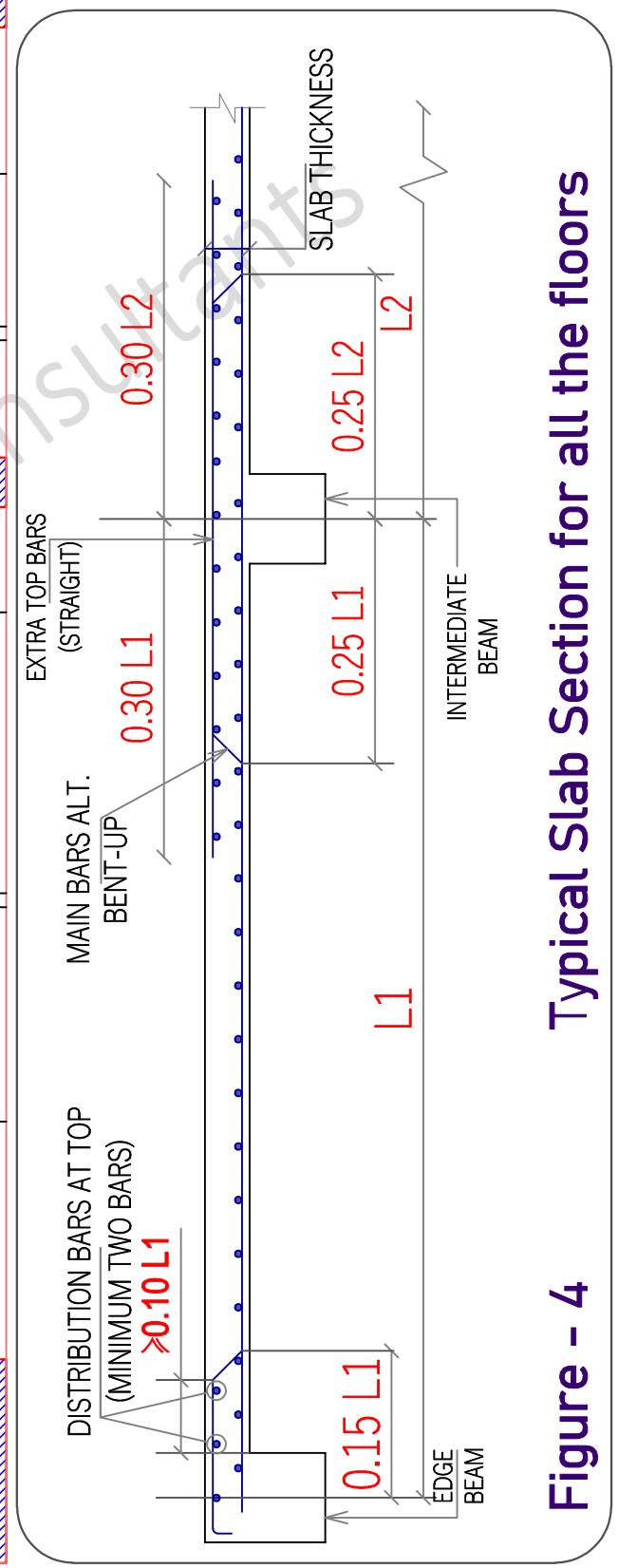


Figure - 4 Typical Slab Section for all the floors

10ø Bent-up bars @ 5" C/C

10ø Straight bars @ 5" C/C

12ø Extra bars @ 1' C/C (Junctions & Ends)

SCALE - NTS | R-0 | *A3 PRINTS* | S-20 | FF Slab Plan & Details | G+5 Community hall @ Unnao UP

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SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	FF Slab Plan
Drw - 2	FF Slab Layout
Drw - 3	FF Slab Plan & C/S Details

PROJECT BY:-

Ar Hassan Md. Ji

Unnao 209806 Kanpur Uttar Pradesh

CHK AKA | DRW PH

HRK/Ar.HM/GFC/13/24/6

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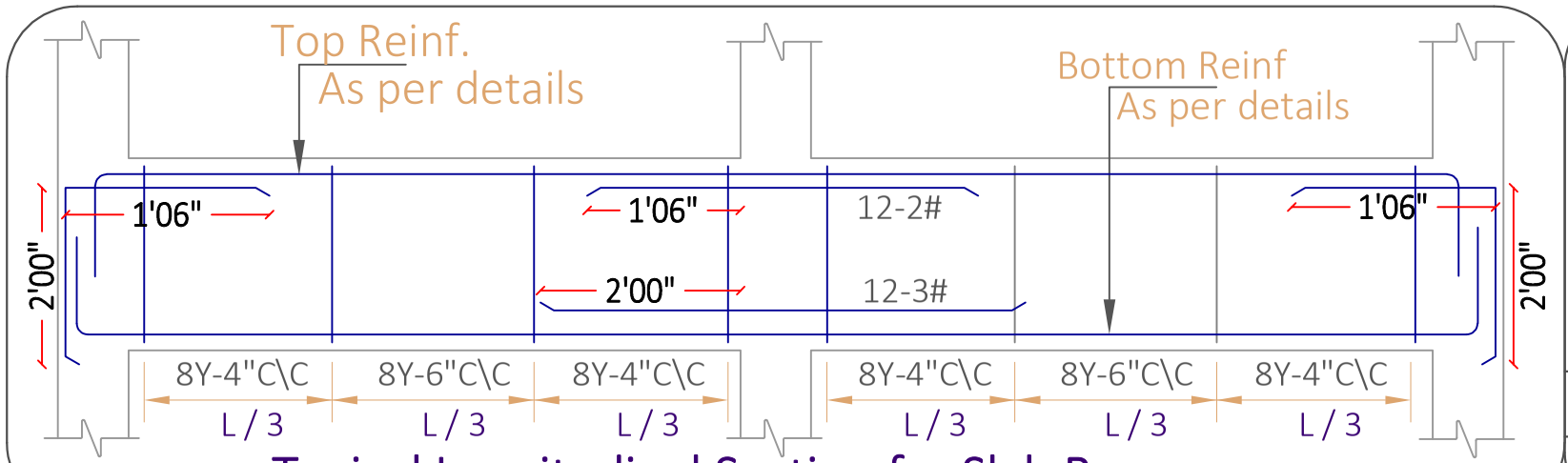
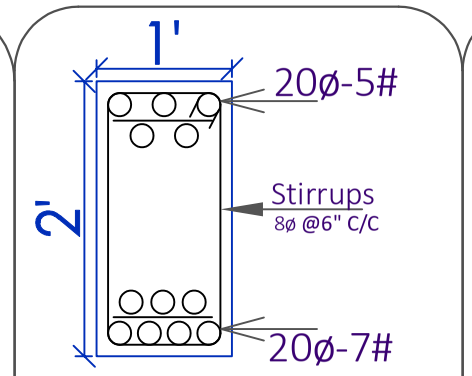
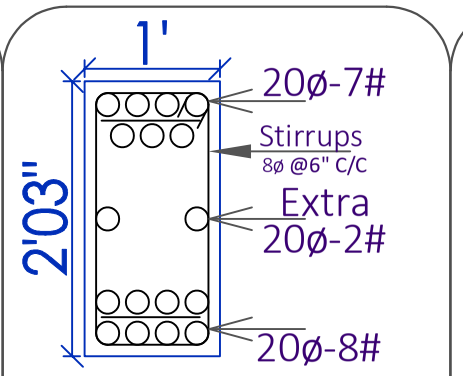


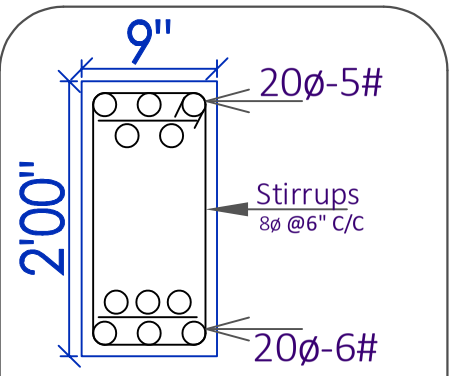
Typical Longitudinal Section for Slab Beams



B-1	1'x2'
B-1	2.10%



B-2	1'x2'03"
B-2	2.32%



B-3	9"x2'00"
B-3	2.50%

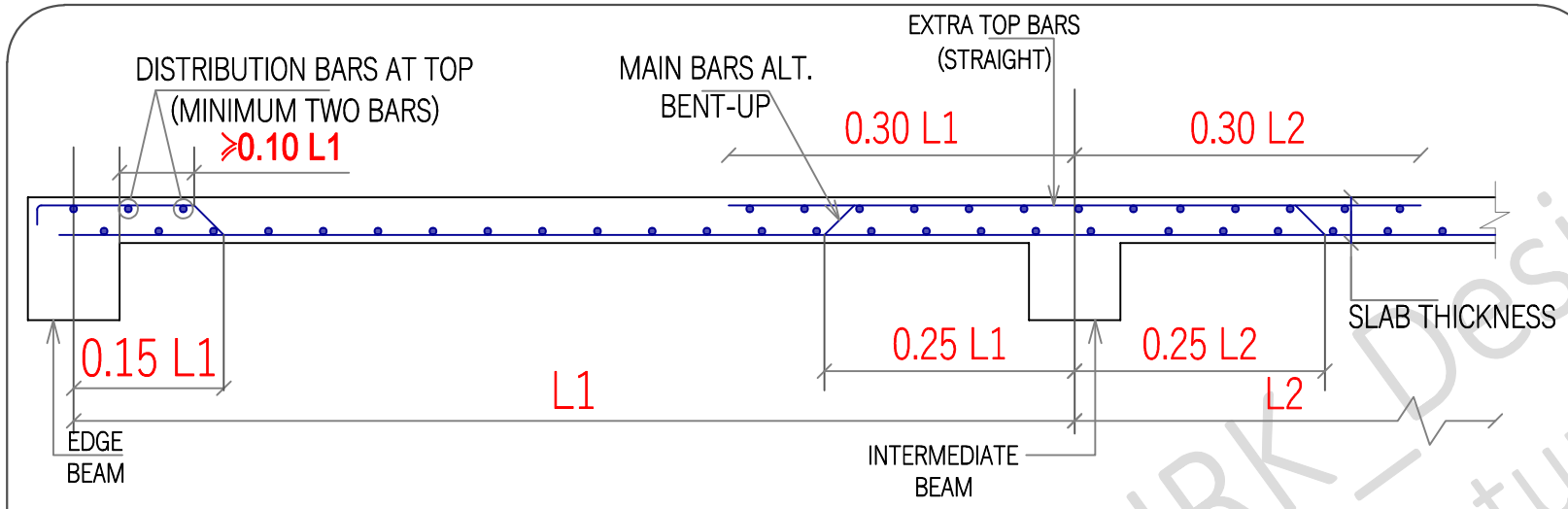
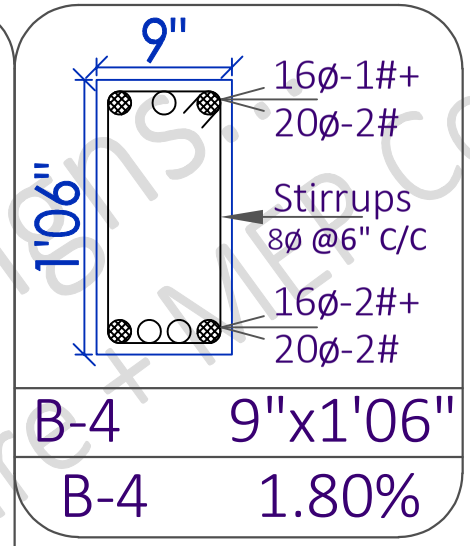


Figure - 4 Typical Slab Section for all the floors



B-4	9"x1'06"
B-4	1.80%

Slab Thickness = 6"

10ø Bent-up bars @ 5" C/C

10ø Straight bars @ 5" C/C

12ø Extra bars @ 1' C/C (Junctions & Ends)

◯ SMALLER DIA REINFORCEMENT BAR

● LARGER DIA REINFORCEMENT BAR

SCALE - NTS | R-0 | *A3 PRINTS* | S-21 | FF Beam & Slab Reinf^ Details | G+5 Community hall @ Unnao UP

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SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	Drw Table
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Drw - 2	FF Beam & Slab Reinf^ C/S Details
Drw - 3	

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SCALE - NTS | R-0 | *A3 PRINTS* | S-22

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SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023

Drw Table

Drw No	
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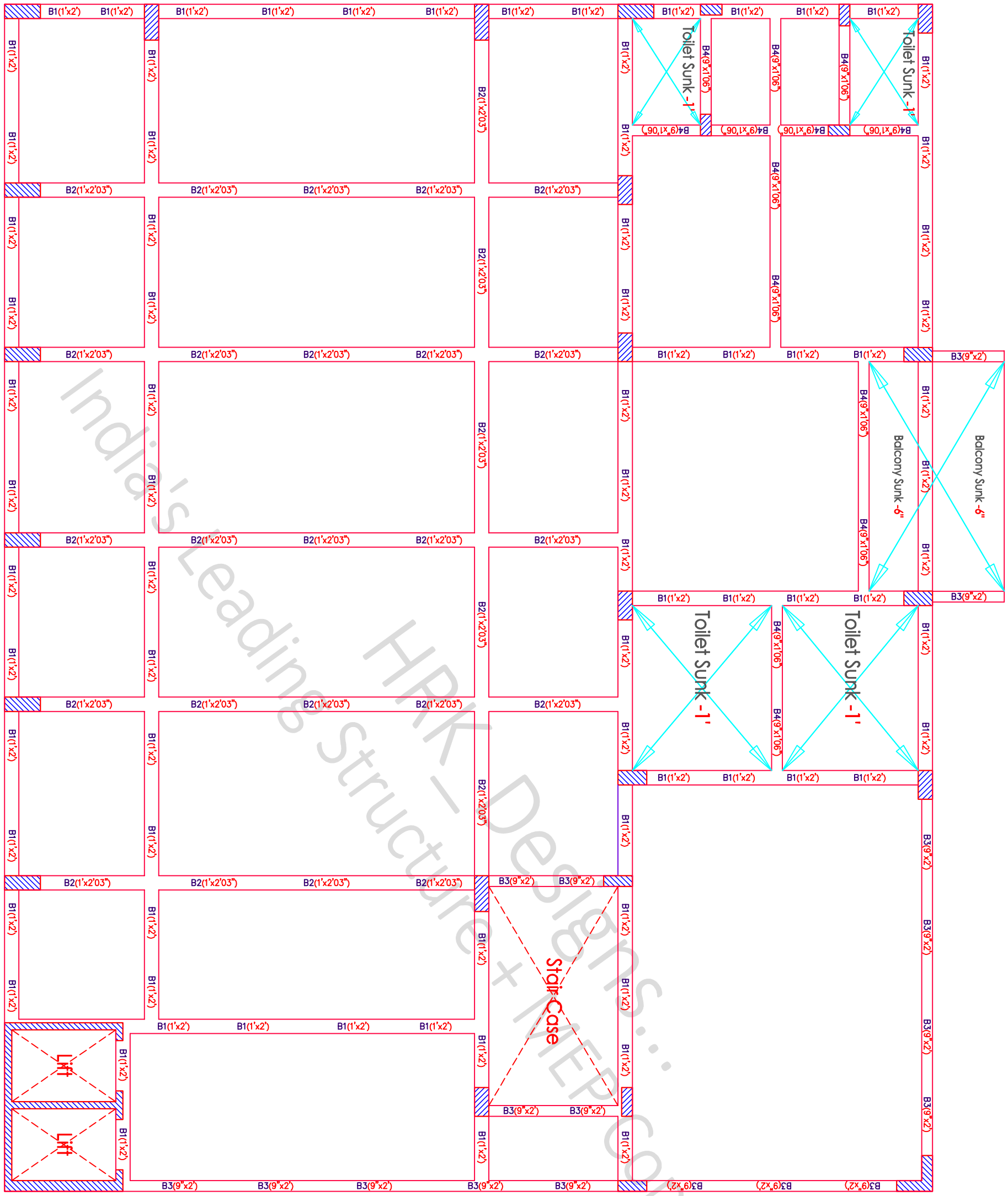

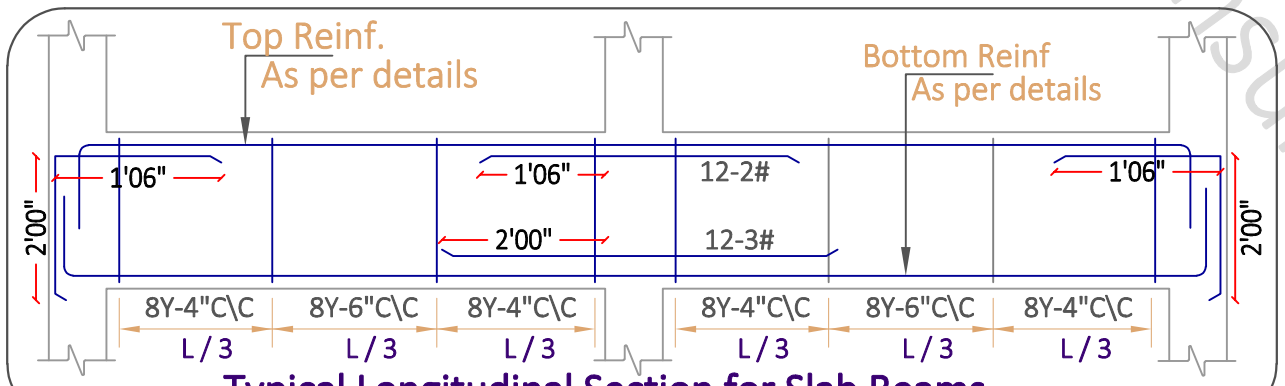

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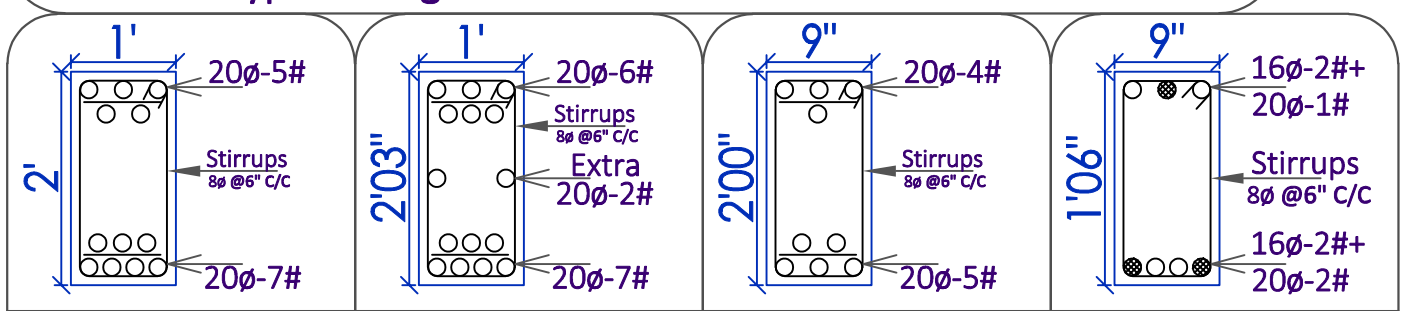

B-1	1'x2'	B-2	1'x2'03"	B-3	9"x2'00"	B-4	9"x1'06"
B-1	2.10%	B-2	2.01%	B-3	2.05%	B-4	1.68%

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SCALE - NTS | R-0 | *A3 PRINTS* | S-23

FF Beam Plan & Details

SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023

Drw Table

Drw No	
Drw - 1	FF Beam Plan
Drw - 2	FF Beam Layout
Drw - 3	FF Beam Plan & C/S Details

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

G+5 Community hall @ Unnao UP

CHK AKA | DRW PH
HRK/Ar.HM/GFC/13/24/6
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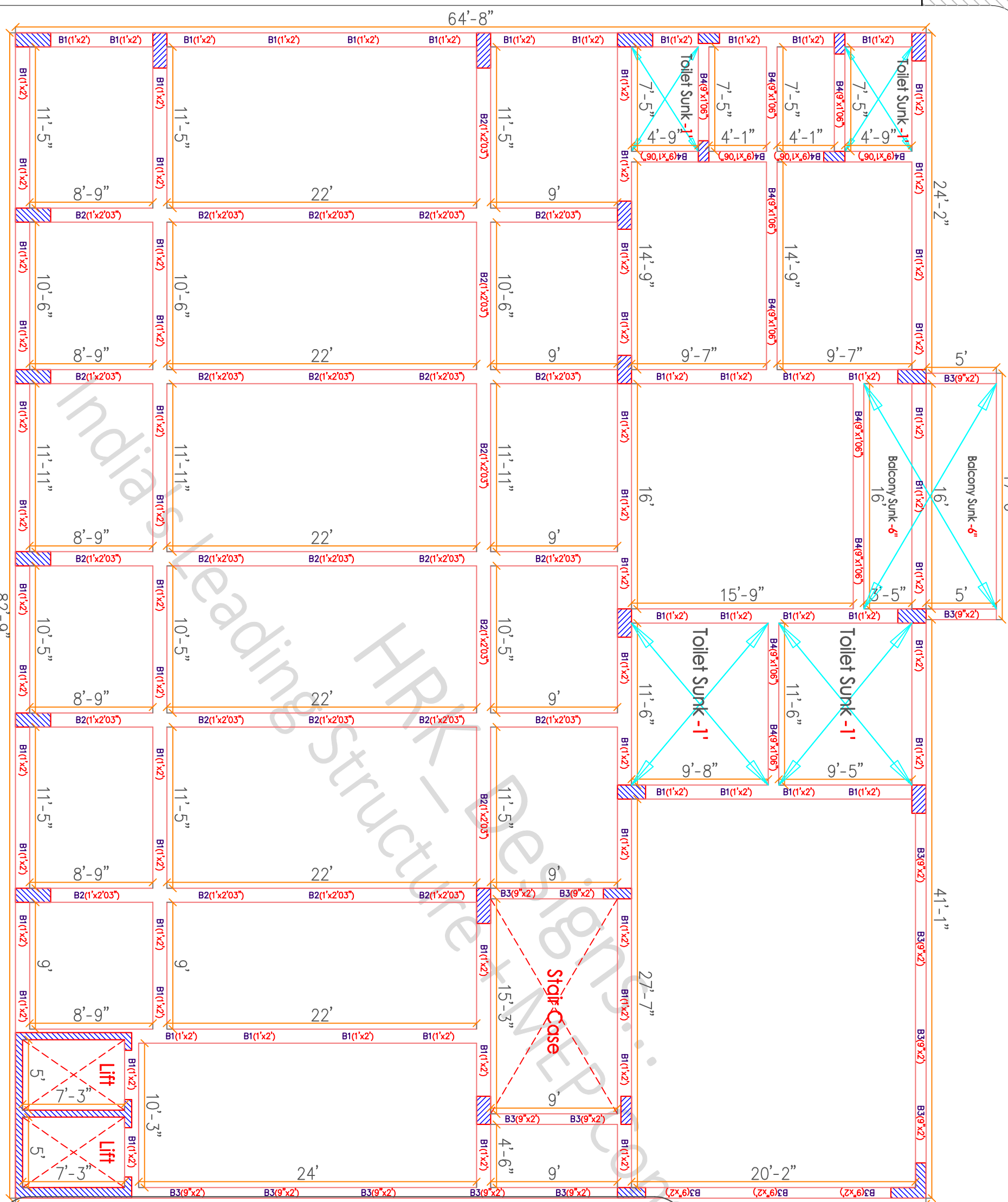
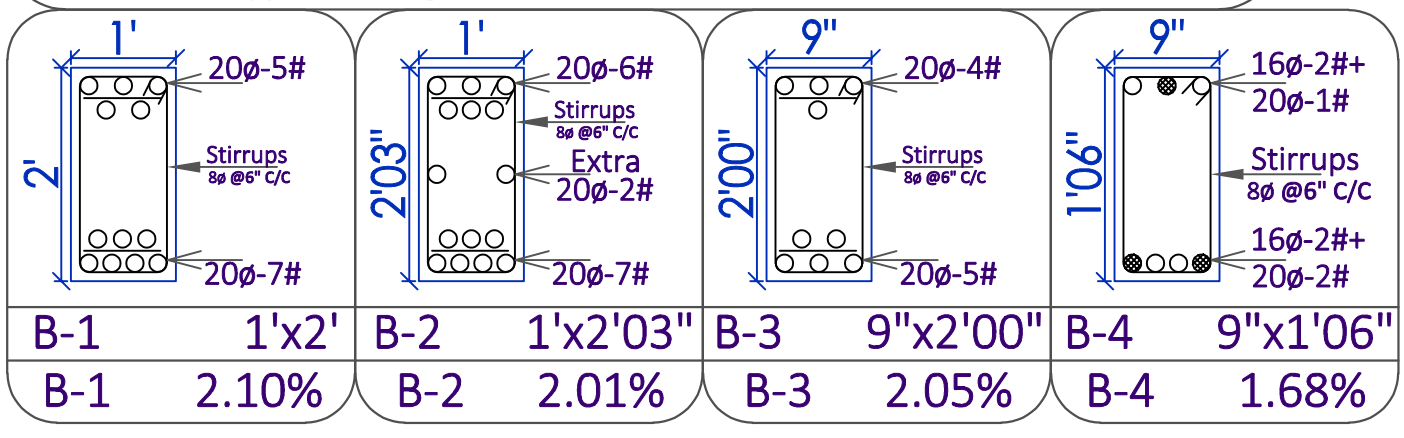


Typical Longitudinal Section for Slab Beams



Slab Thickness = 6"

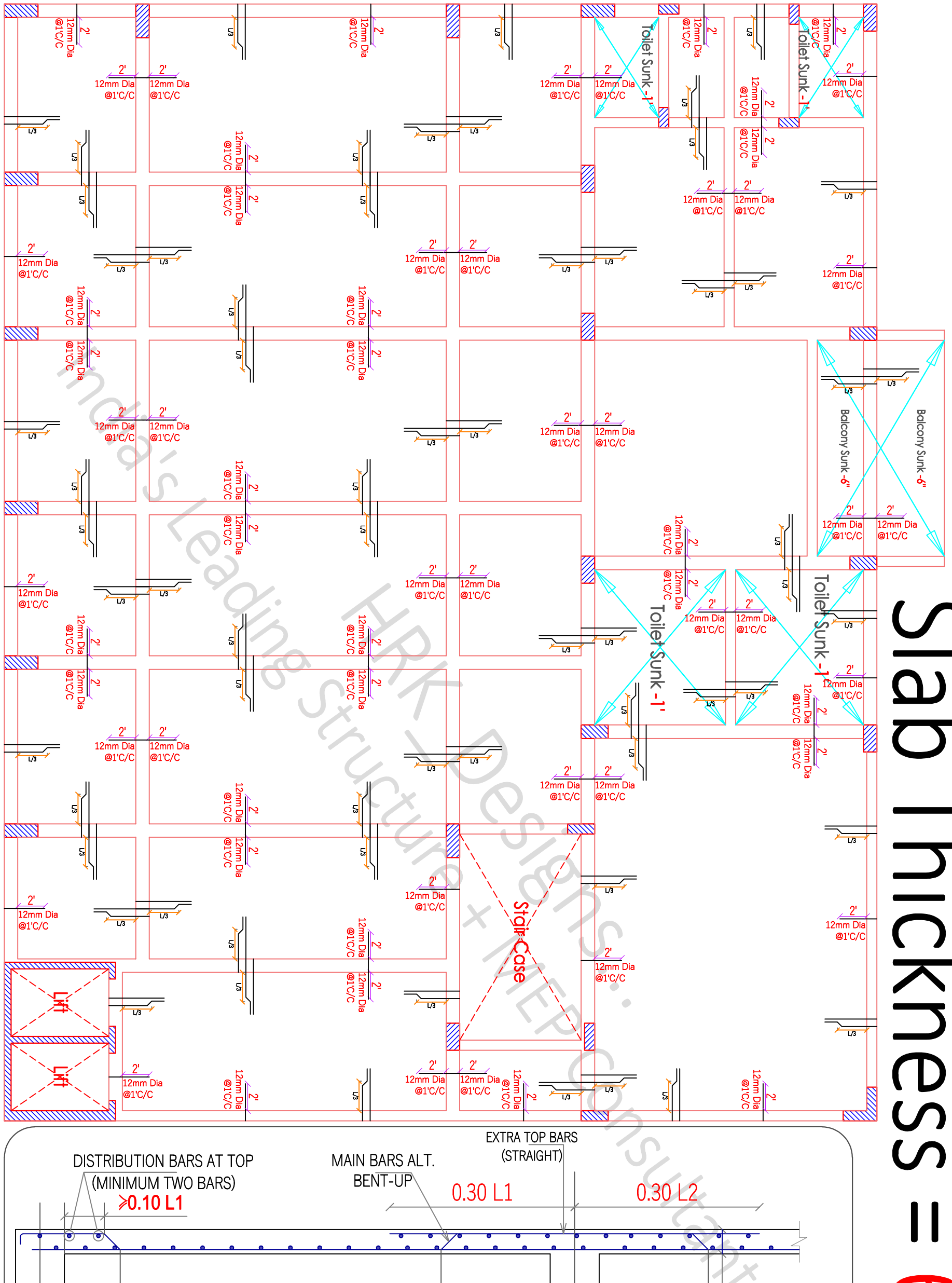


Figure - 4 Typical Slab Section for all the floors

10Ø Bent-up bars @ 5" C/C

10Ø Straight bars @ 5" C/C

12Ø Extra bars @ 1' C/C (Junctions & Ends)

NOTES

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SCALE - NTS | R-0 | *A3 PRINTS*

S-24 FF Slab Plan & Details

G+5 Community hall @ Unnao UP

SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023
Drw No	Drw Table	
Drw - 1	FF Slab Plan	
Drw - 2	FF Slab Layout	
Drw - 3	FF Slab Plan & C/S Details	

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Unnao 209806 Kanpur Uttar Pradesh

CHK	DRW
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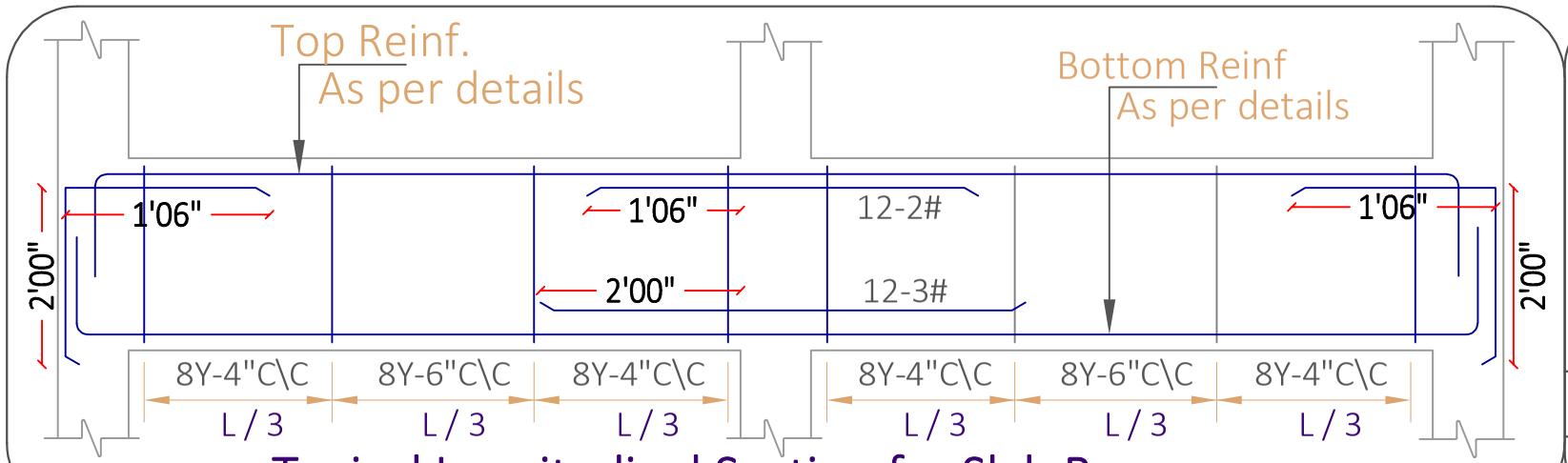
ARCHITECT WORKINGS DRAWINGS RIGHTS RESERVED BY Ar Hassan Md. Ji & TEAM



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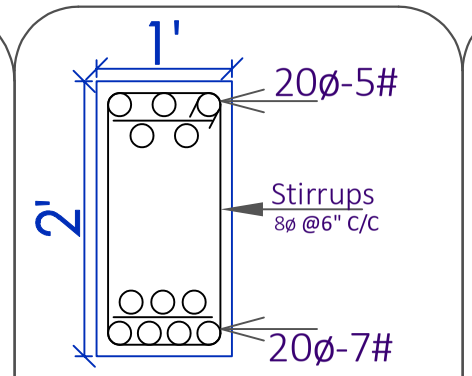
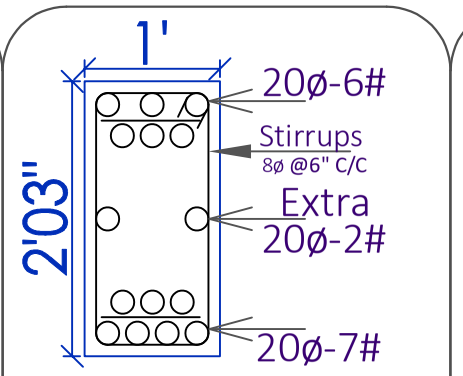
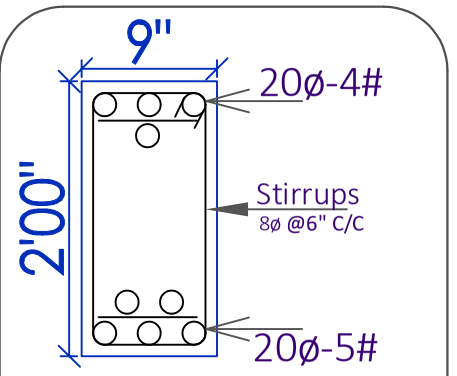


B-1	1'x2'
B-1	2.10%



B-2	1'x2'03"
B-2	2.01%



B-3	9"x2'00"
B-3	2.05%

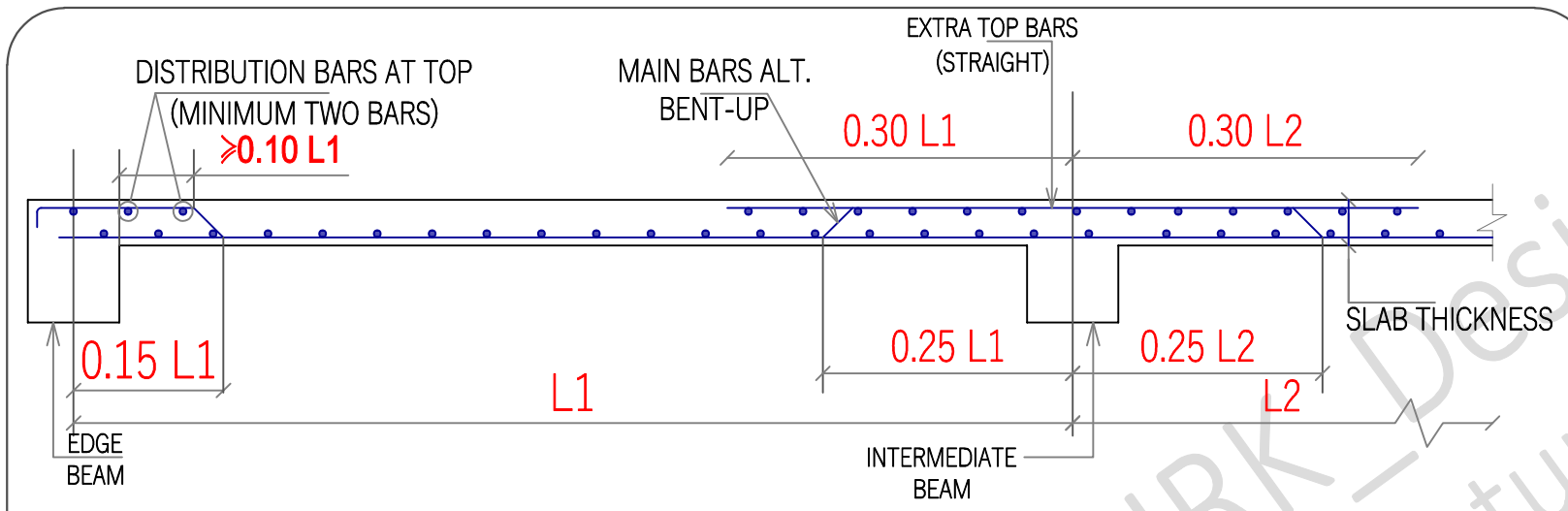
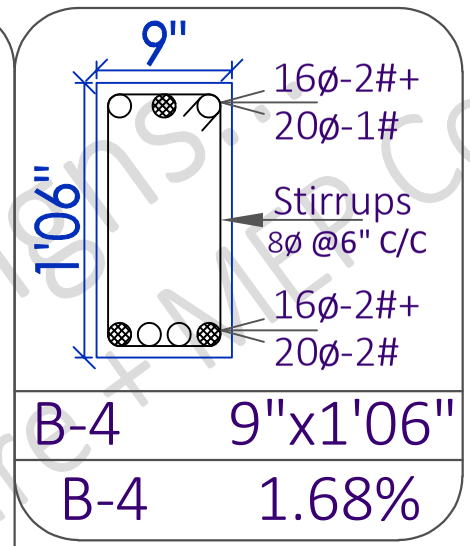


Figure - 4 Typical Slab Section for all the floors



B-4	9"x1'06"
B-4	1.68%

Slab Thickness = 6"

10ø Bent-up bars @ 5" C/C

10ø Straight bars @ 5" C/C

12ø Extra bars @ 1' C/C (Junctions & Ends)

○ SMALLER DIA REINFORCEMENT BAR

● LARGER DIA REINFORCEMENT BAR

SCALE - NTS | R-0 | *A3 PRINTS* | S-25 | FF Beam & Slab Reinf^ Details | G+5 Community hall @ Unnao UP

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SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	FF Beam & Slab C/S Details
Drw - 2	FF Beam & Slab Reinf^ C/S Details
Drw - 3	

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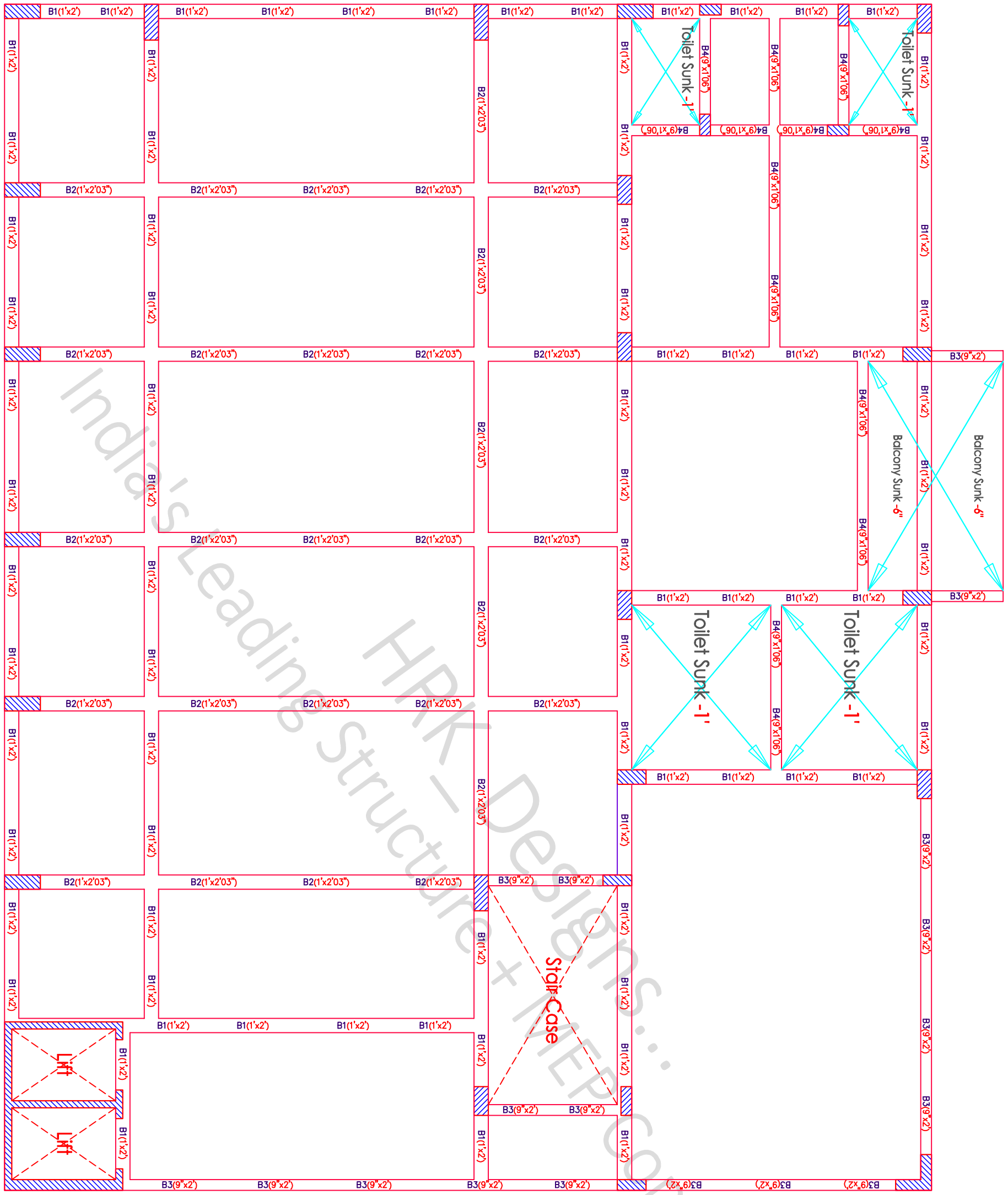
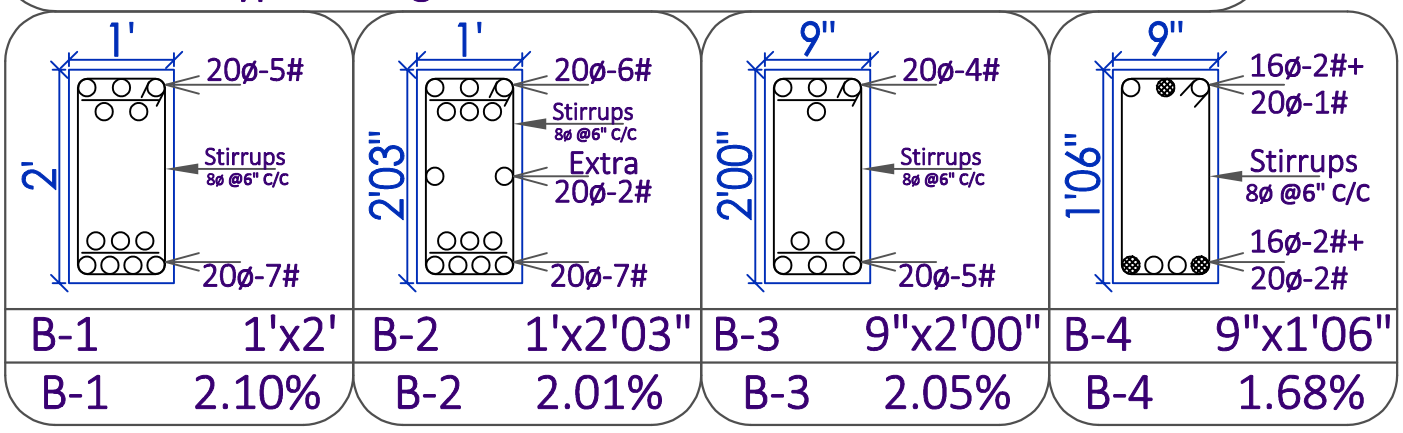


Typical Longitudinal Section for Slab Beams



B-1	1'x2'	B-2	1'x2'03"	B-3	9"x2'00"	B-4	9"x1'06"
B-1	2.10%	B-2	2.01%	B-3	2.05%	B-4	1.68%

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SCALE - NTS | R-0 | *A3 PRINTS* | S-26

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SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023

Drw Table

Drw No	
Drw - 1	SF Beam Plan
Drw - 2	SF Beam Layout
Drw - 3	SF Beam Plan & C/S Details

SF Beam Plan & Details

G+5 Community hall @ Unnao UP

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SMALLER DIA REINFORCEMENT BAR
LARGER DIA REINFORCEMENT BAR

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SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw Table

Drw No	
Drw - 1	SF Beam Plan
Drw - 2	SF Beam Layout
Drw - 3	SF Beam Plan & C/S Details

SF Beam Plan & Details

G+5 Community hall @ Unnao UP

Unnao 209806 Kanpur Uttar Pradesh

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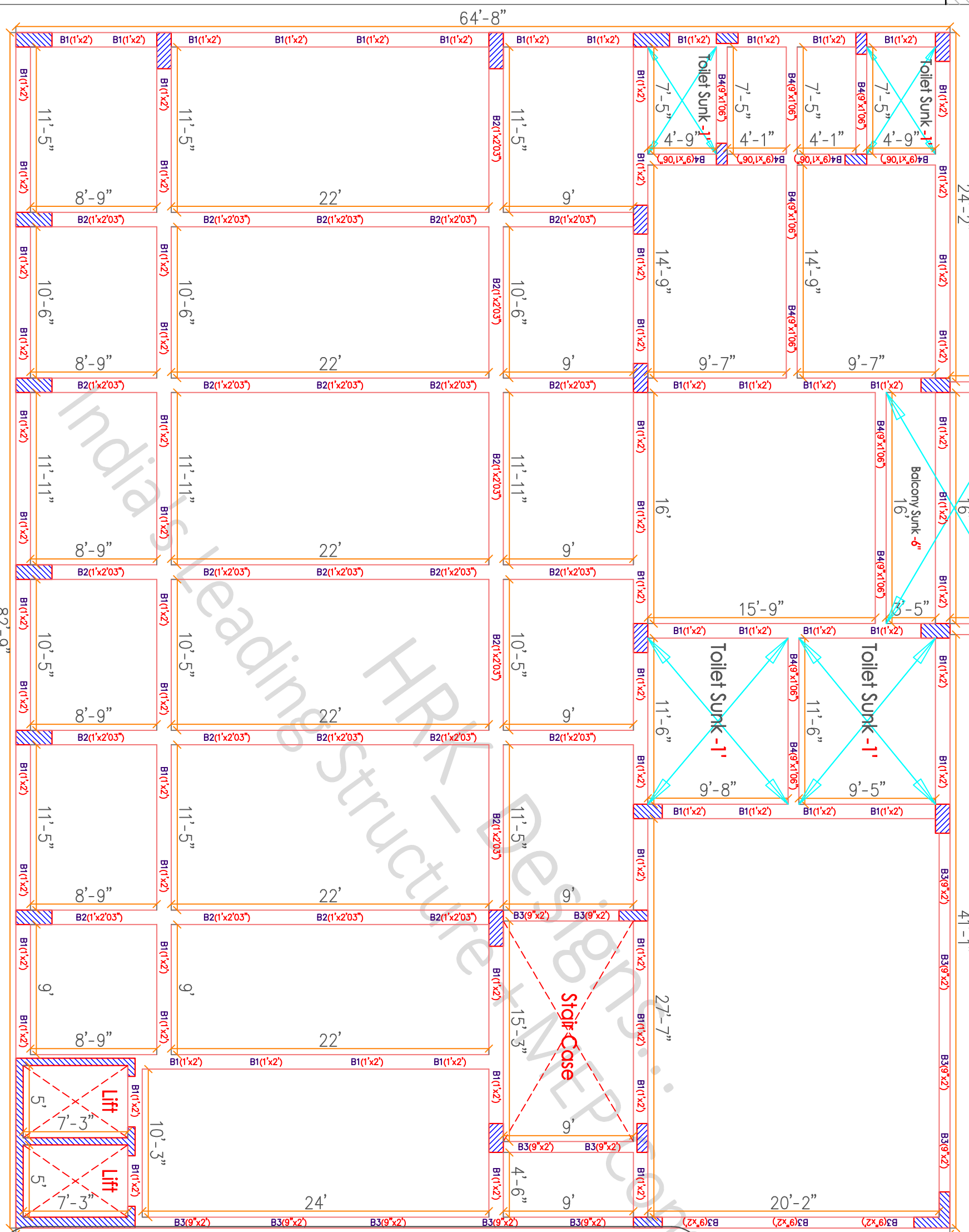

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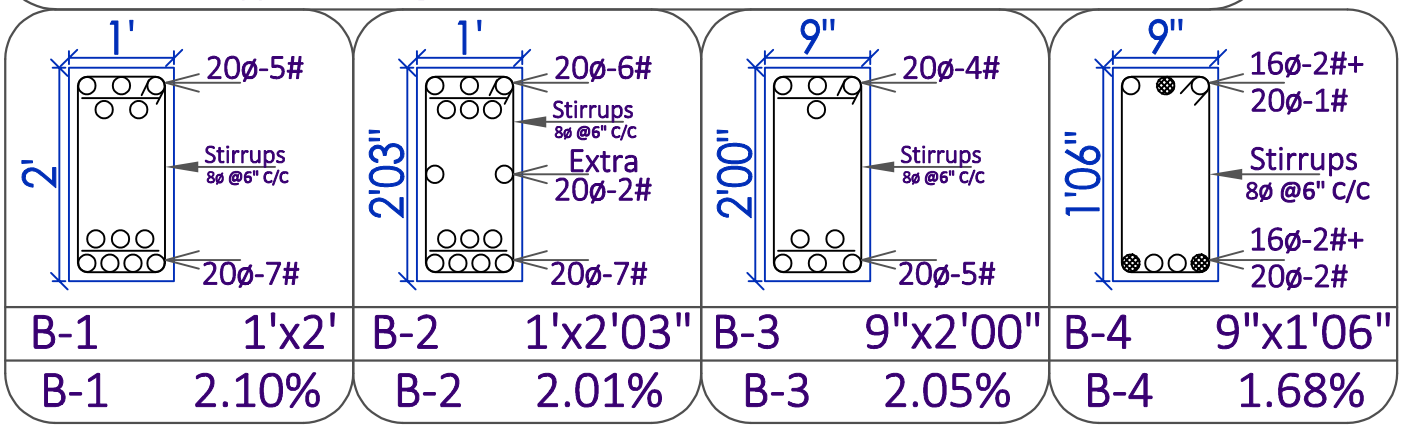

B-1	1'x2'	B-2	1'x2'03"	B-3	9"x2'00"	B-4	9"x1'06"
B-1	2.10%	B-2	2.01%	B-3	2.05%	B-4	1.68%

○ SMALLER DIA REINFORCEMENT BAR
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Slab Thickness = 6"

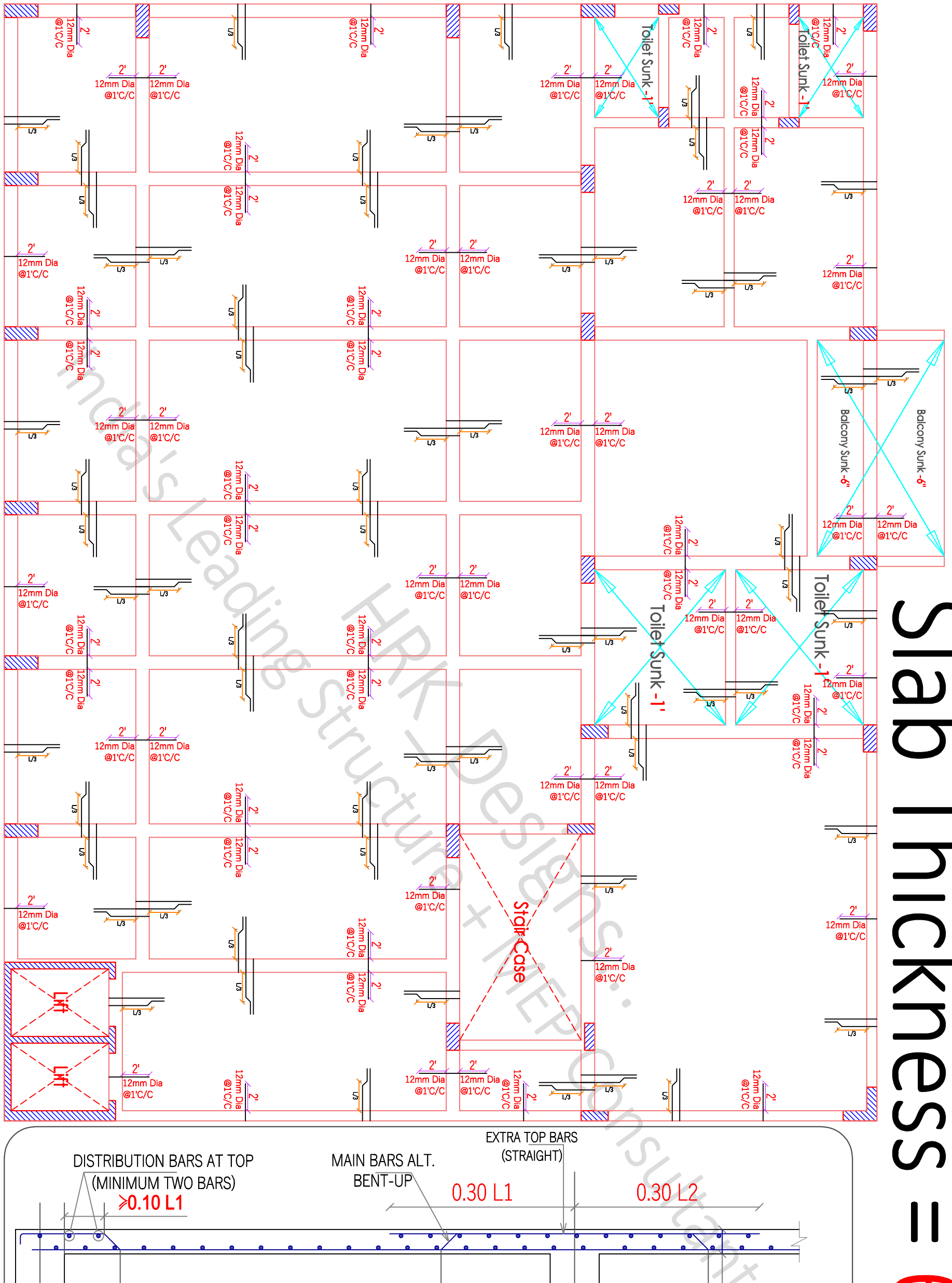

Figure - 4 Typical Slab Section for all the floors

10Ø Bent-up bars @ 5" C/C

10Ø Straight bars @ 5" C/C

12Ø Extra bars @ 1' C/C (Junctions & Ends)

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SCALE - NTS | R-0 | *A3 PRINTS*

S-28 SF Slab Plan & Details

G+5 Community hall @ Unnao UP

SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023
Drw No	Drw Table	
Drw - 1	SF Slab Plan	
Drw - 2	SF Slab Layout	
Drw - 3	SF Slab Plan & C/S Details	

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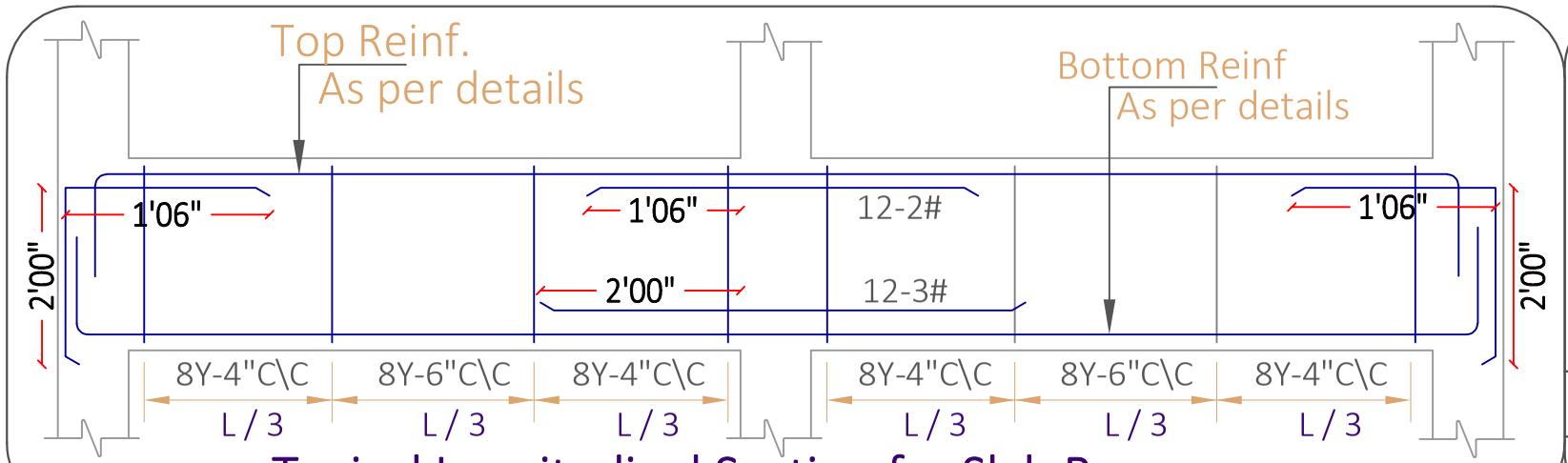

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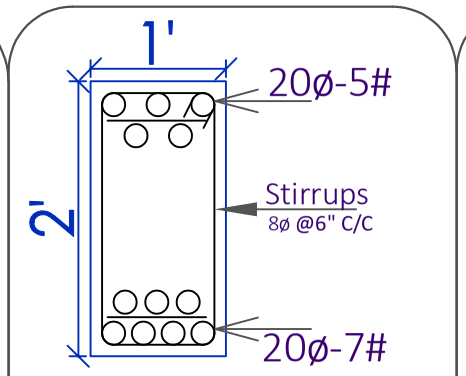
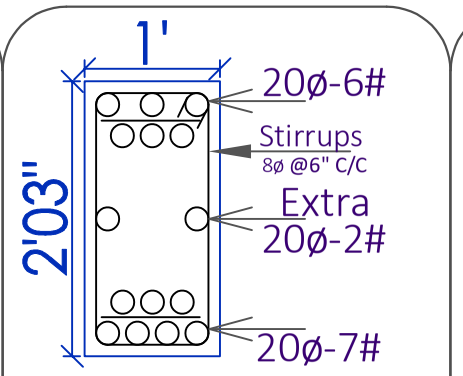


B-1	1'x2'
B-1	2.10%



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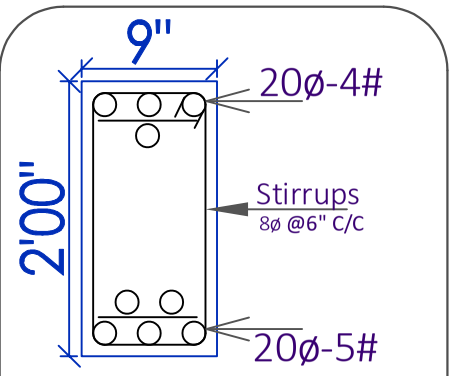

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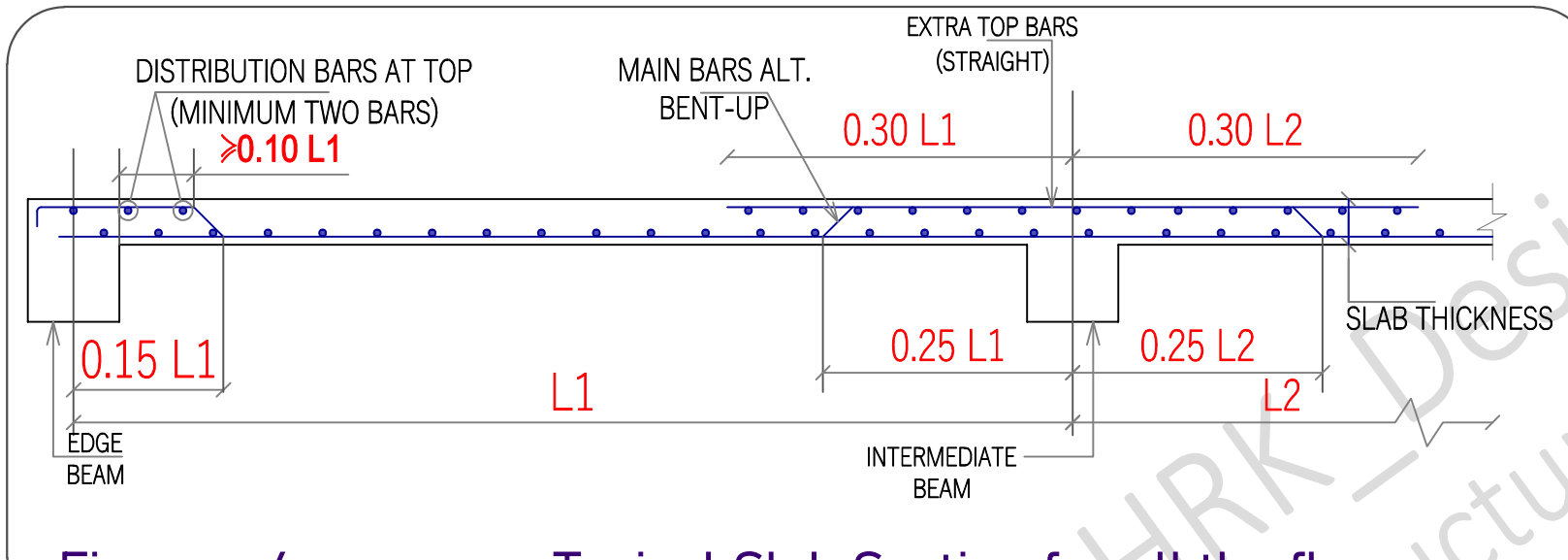

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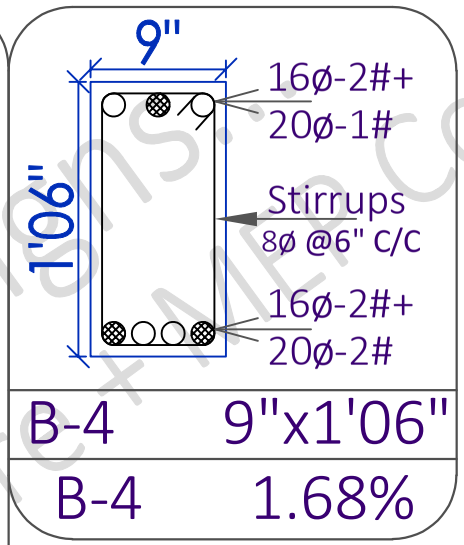

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○ SMALLER DIA REINFORCEMENT BAR

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SCALE - NTS | R-0 | *A3 PRINTS* | S-29 | SF Beam & Slab Reinf^ Details | G+5 Community hall @ Unnao UP

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SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	SF Beam & Slab C/S Details
Drw - 2	SF Beam & Slab Reinf^ C/S Details
Drw - 3	

PROJECT BY:-
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Unnao 209806 Kanpur Uttar Pradesh

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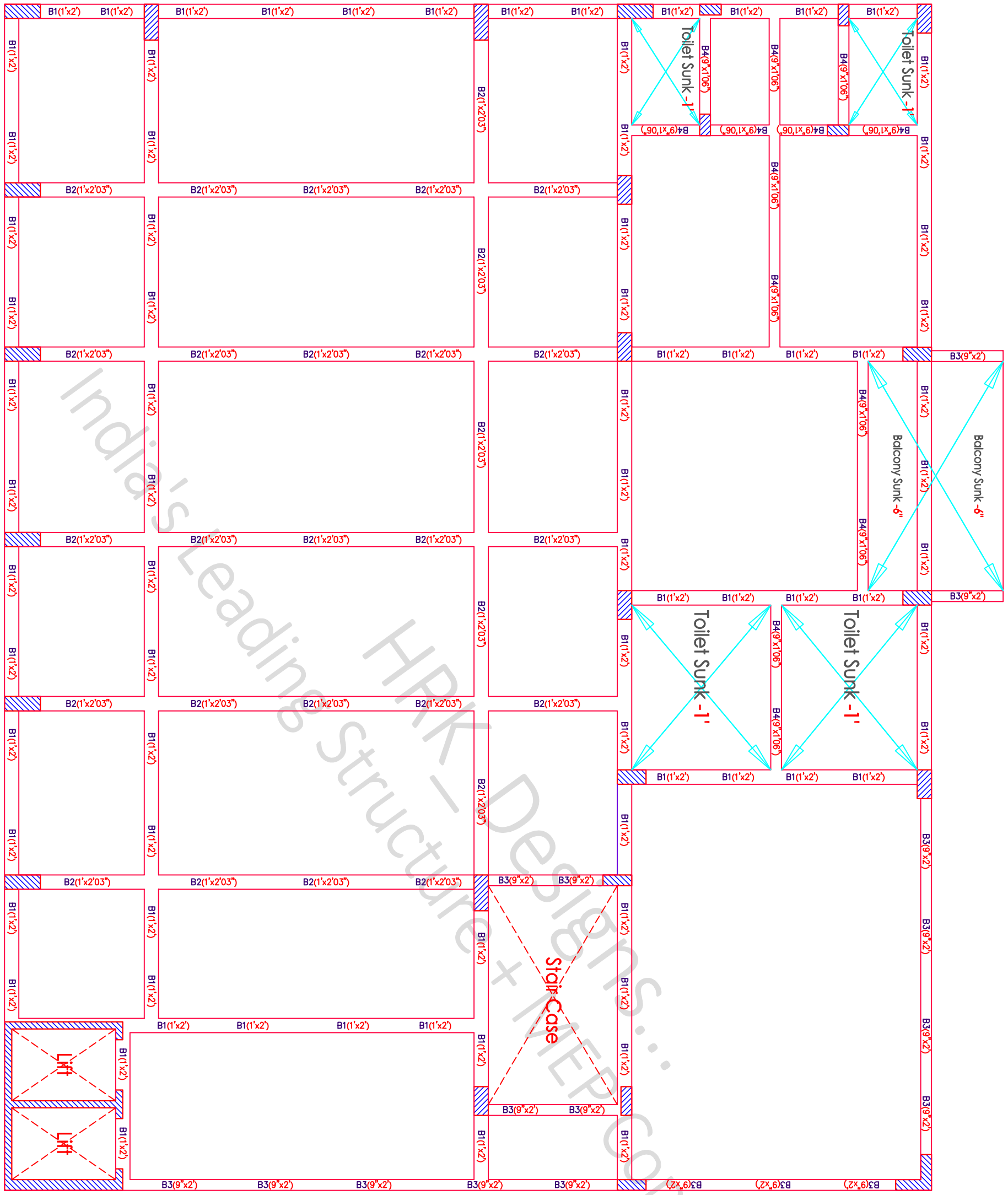

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8 - DEVELOPMENT LENGTH SHALL BE 48D (D - DIA OF BAR in mm)

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SCALE - NTS | R-0 | *A3 PRINTS* | S-30

SHEET TITLE | 3rd Beam Plan & Details

Drw No	Drw Table
Drw - 1	3rd Beam Plan
Drw - 2	3rd Beam Layout
Drw - 3	3rd Beam Plan & C/S Details

GOOD FOR CONSTRUCTION | 21/11/2023

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G+5 Community hall @ Unnao UP

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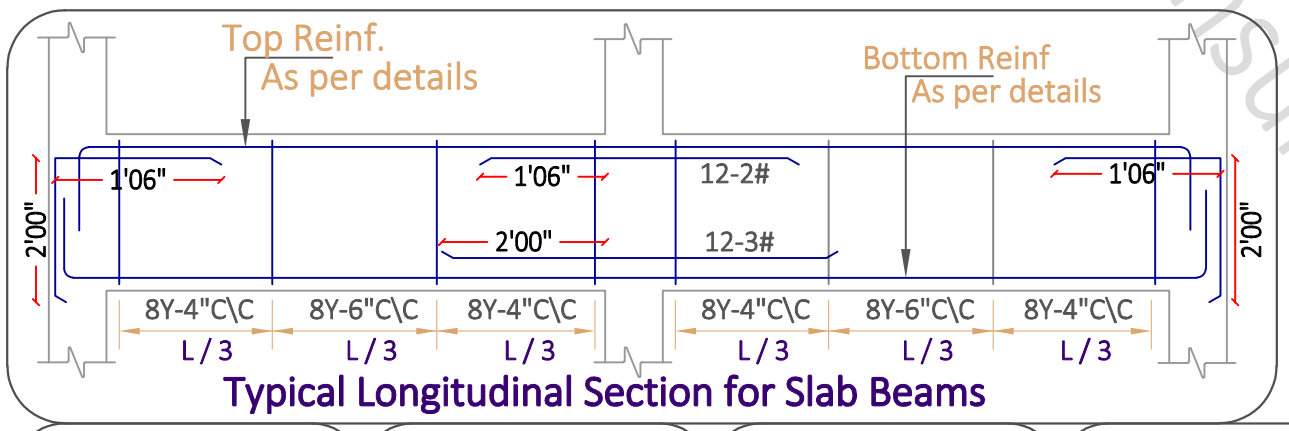
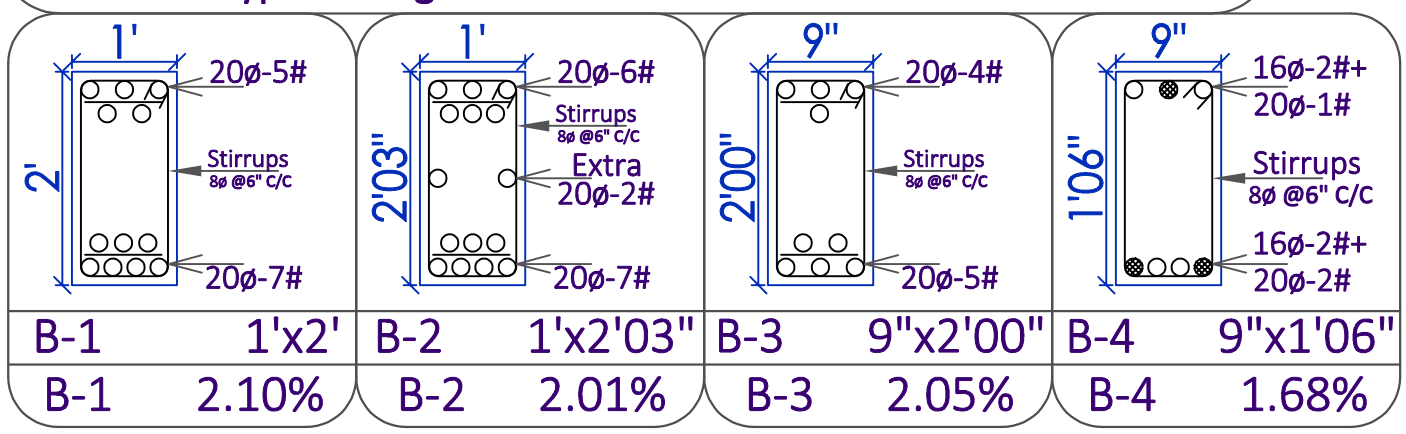


Typical Longitudinal Section for Slab Beams



B-1	1'x2'	B-2	1'x2'03"	B-3	9"x2'00"	B-4	9"x1'06"
B-1	2.10%	B-2	2.01%	B-3	2.05%	B-4	1.68%

SMALLER DIA REINFORCEMENT BAR
LARGER DIA REINFORCEMENT BAR

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SCALE - NTS | R-0 | *A3 PRINTS* | S-31

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SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023

Drw Table

Drw No	
Drw - 1	3rd Beam Plan
Drw - 2	3rd Beam Layout
Drw - 3	3rd Beam Plan & C/S Details

3rd Beam Plan & Details

G+5 Community hall @ Unnao UP

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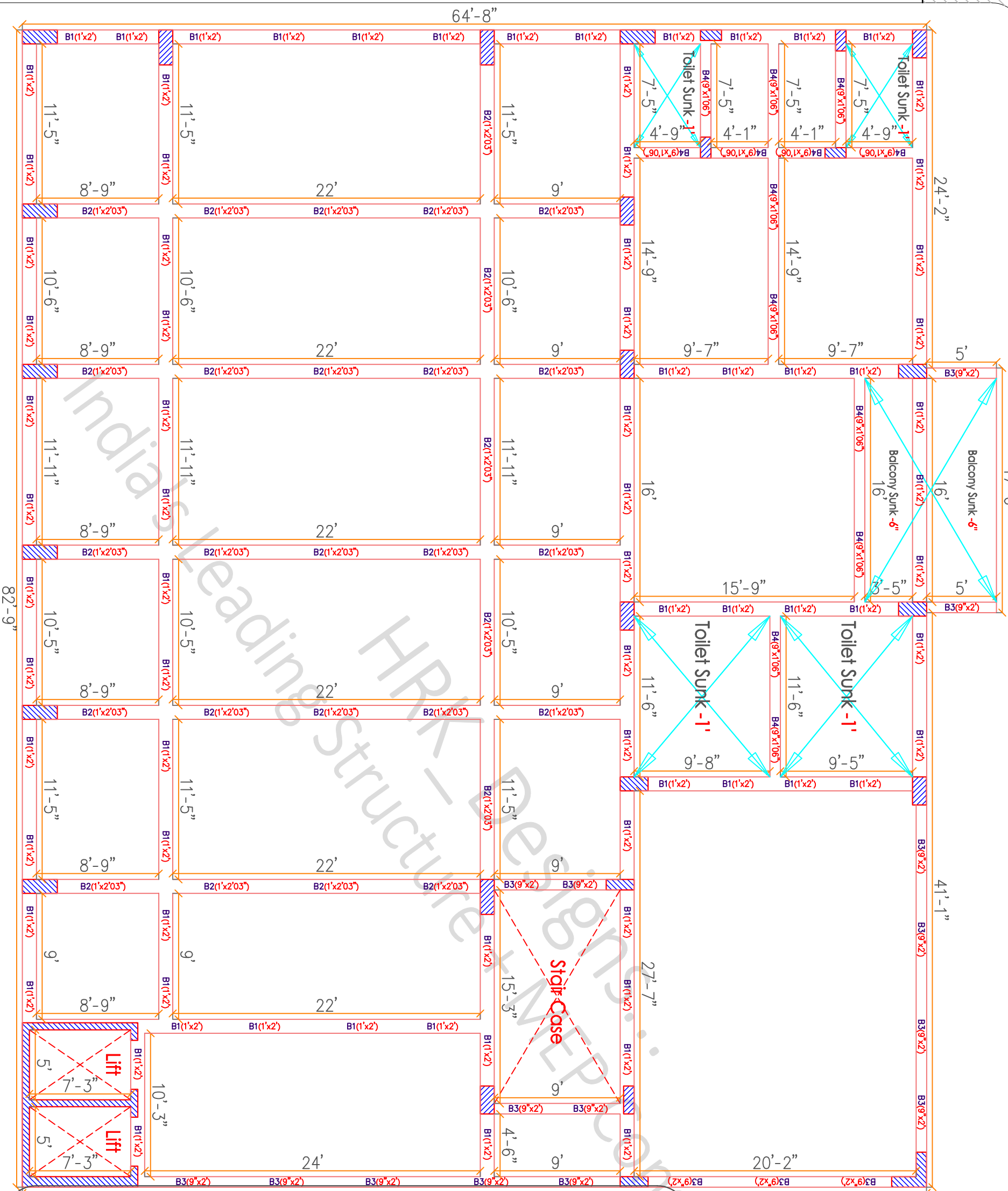

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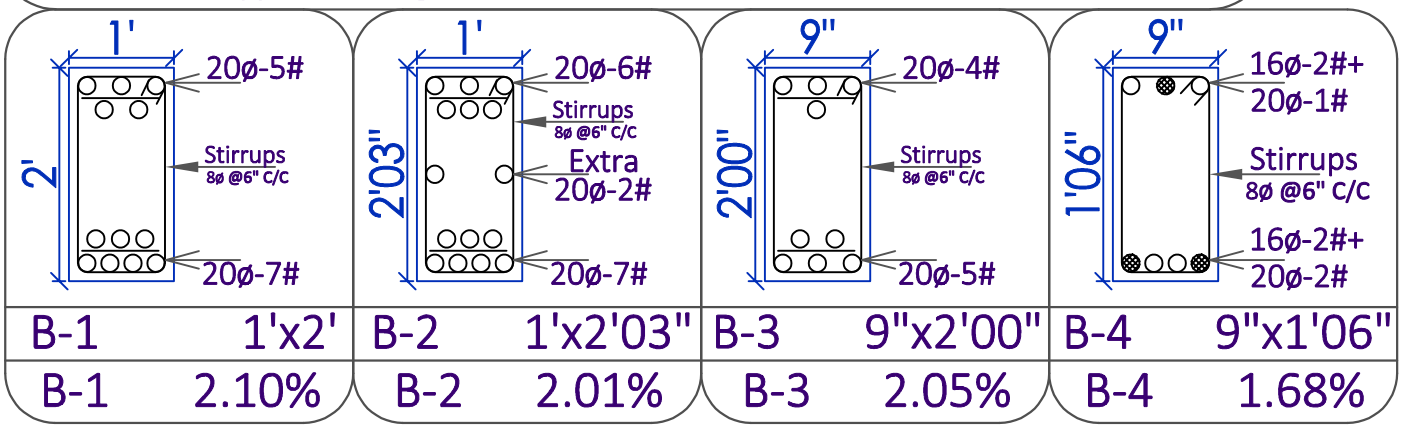
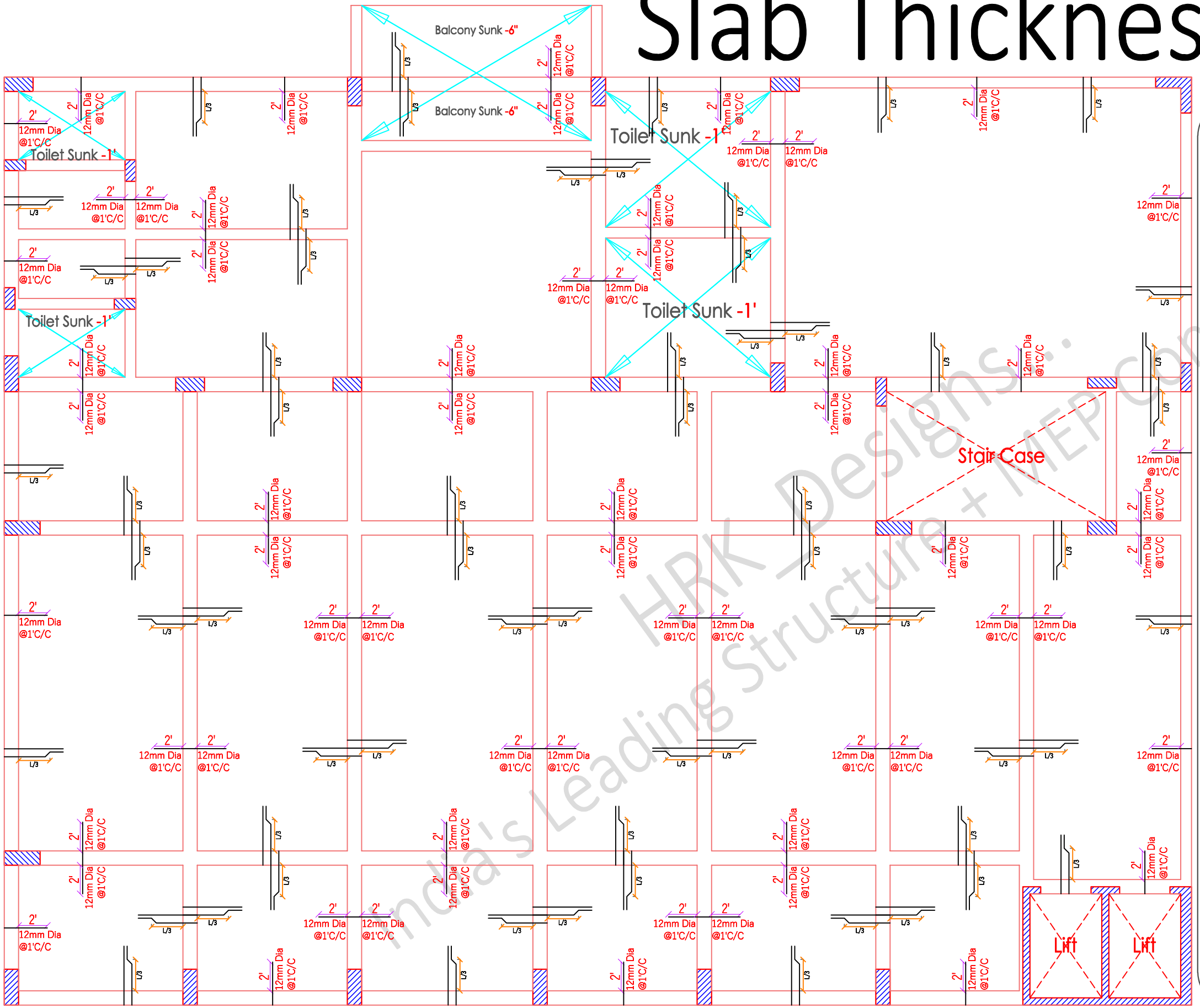


SMALLER DIA REINFORCEMENT BAR
LARGER DIA REINFORCEMENT BAR

Slab Thickness = 6"



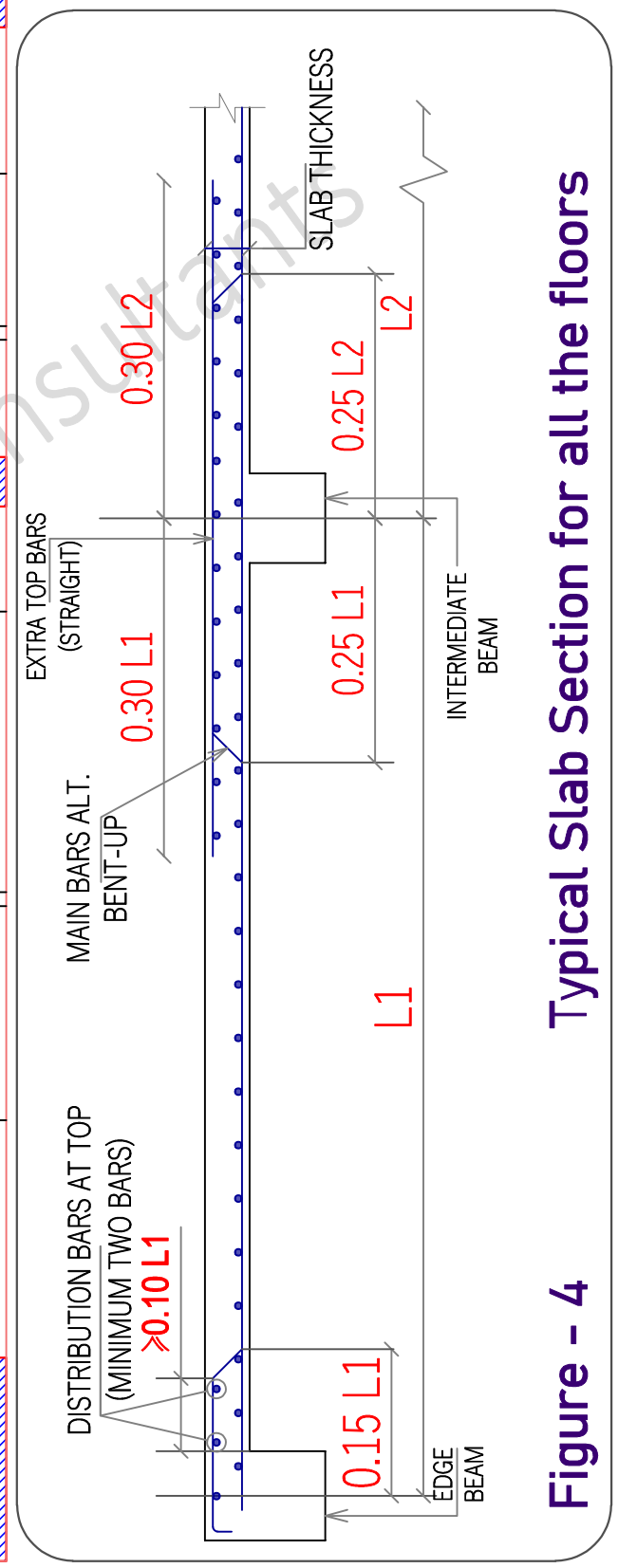


Figure - 4 Typical Slab Section for all the floors

12ø Extra bars @ 1' C/C (Junctions & Ends)

8ø Bent-up bars @ 5" C/C

8ø Straight bars @ 5" C/C

SCALE - NTS | R-0 | *A3 PRINTS* | S-32 | 3rd Slab Plan & Details | G+5 Community hall @ Unnao UP

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SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	Drw Table
Drw - 1	3rd Slab Plan
Drw - 2	3rd Slab Layout
Drw - 3	3rd Slab Plan & C/S Details

21/11/2023

PROJECT BY:-
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Unnao 209806 Kanpur Uttar Pradesh

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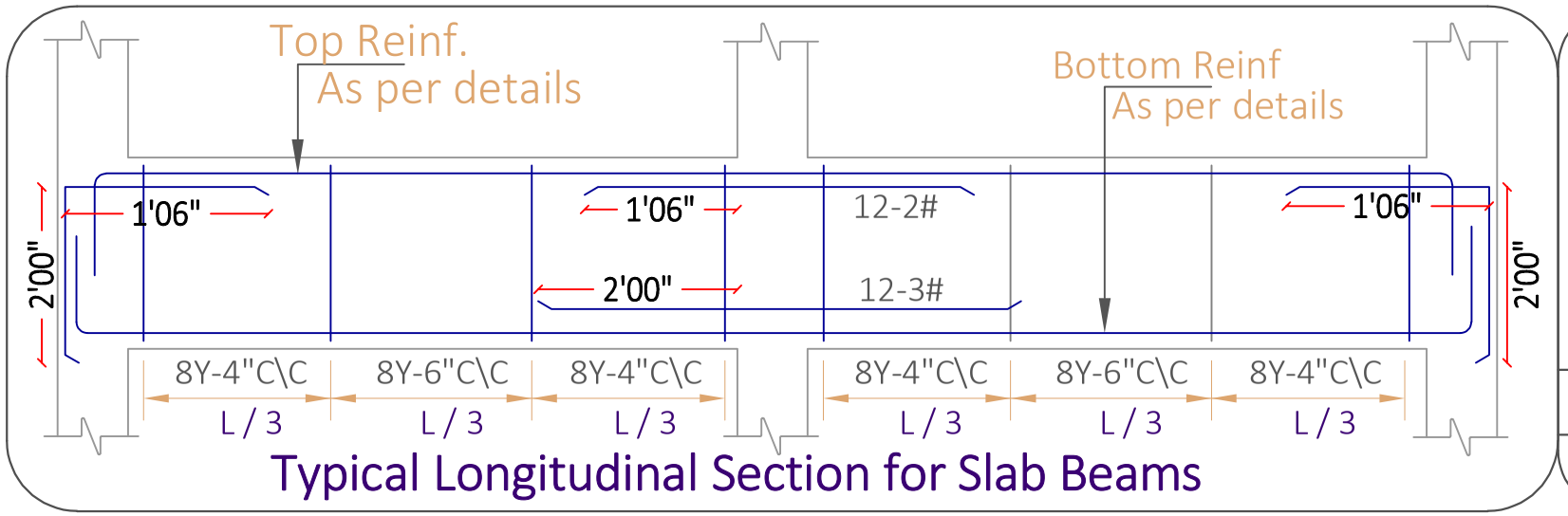
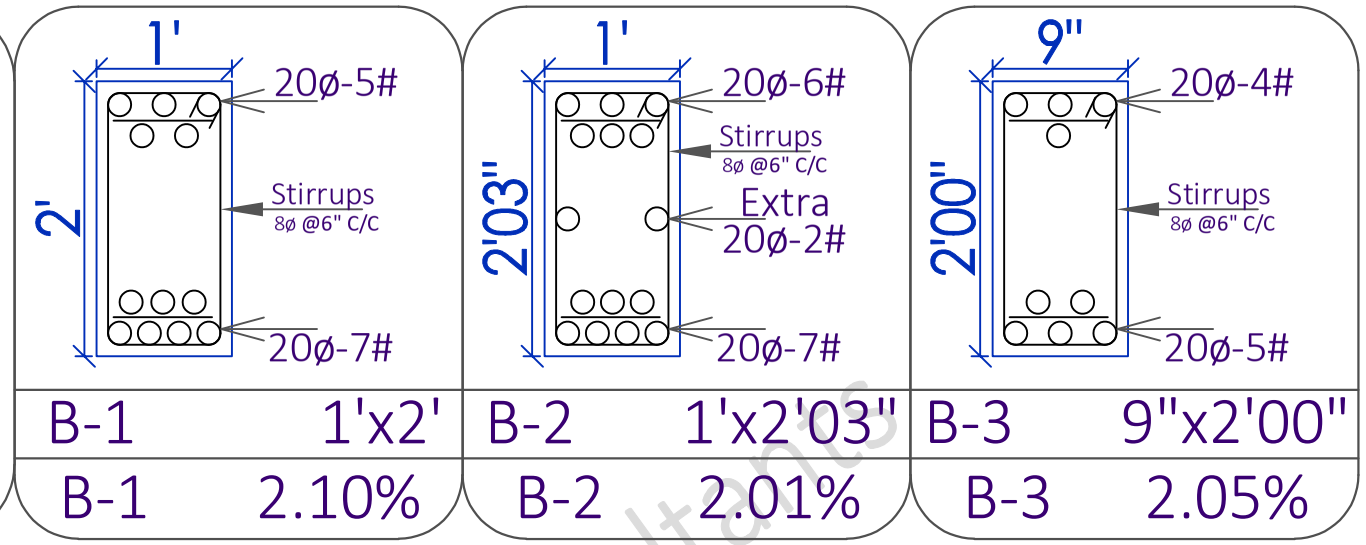
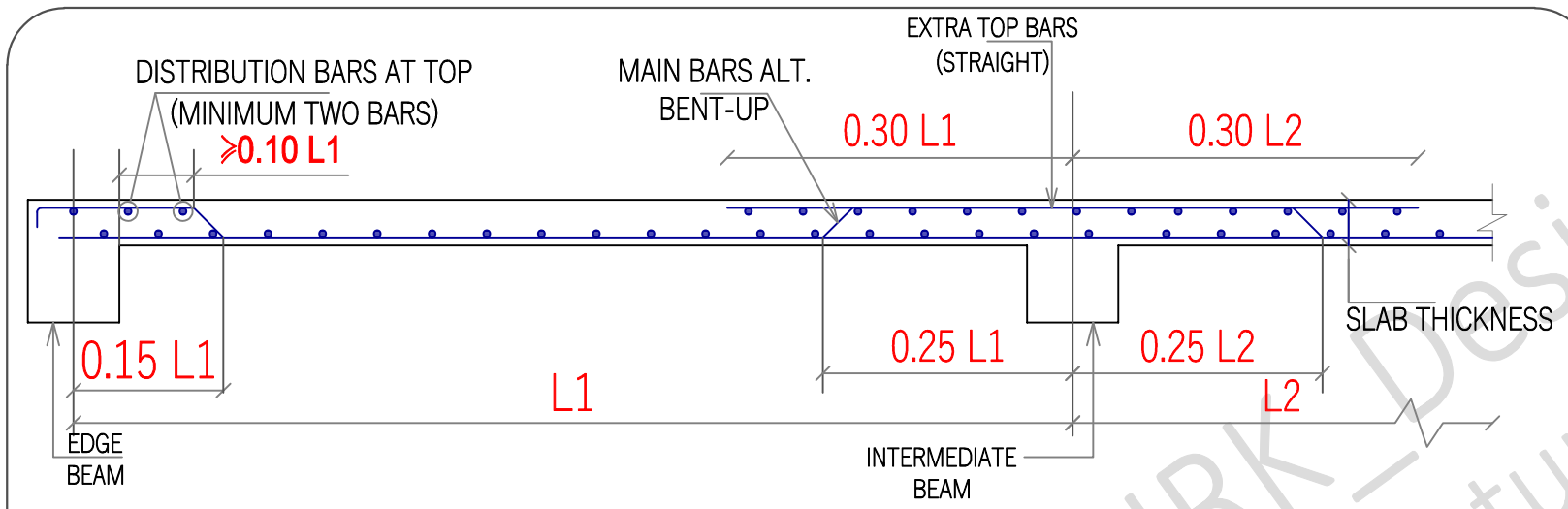


Typical Longitudinal Section for Slab Beams





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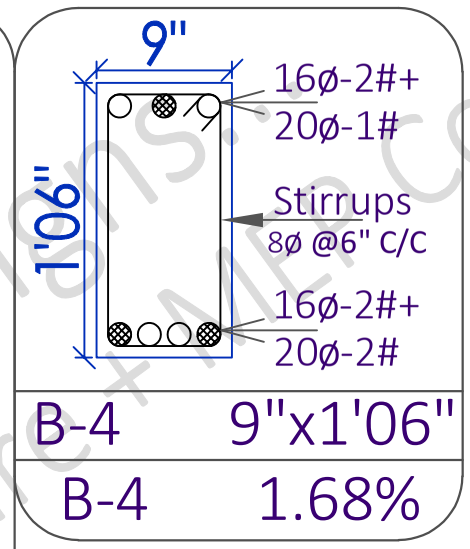

Slab Thickness = 6"

8ø Bent-up bars @ 5" C/C

8ø Straight bars @ 5" C/C

12ø Extra bars @ 1' C/C (Junctions & Ends)

○ SMALLER DIA REINFORCEMENT BAR

● LARGER DIA REINFORCEMENT BAR

SCALE - NTS | R-0 | *A3 PRINTS* | S-33 | 3rd Beam & Slab Reinf^ Details | G+5 Community hall @ Unnao UP

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SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	3rd Beam & Slab C/S Details
Drw - 2	3rd Beam & Slab Reinf^ C/S Details
Drw - 3	

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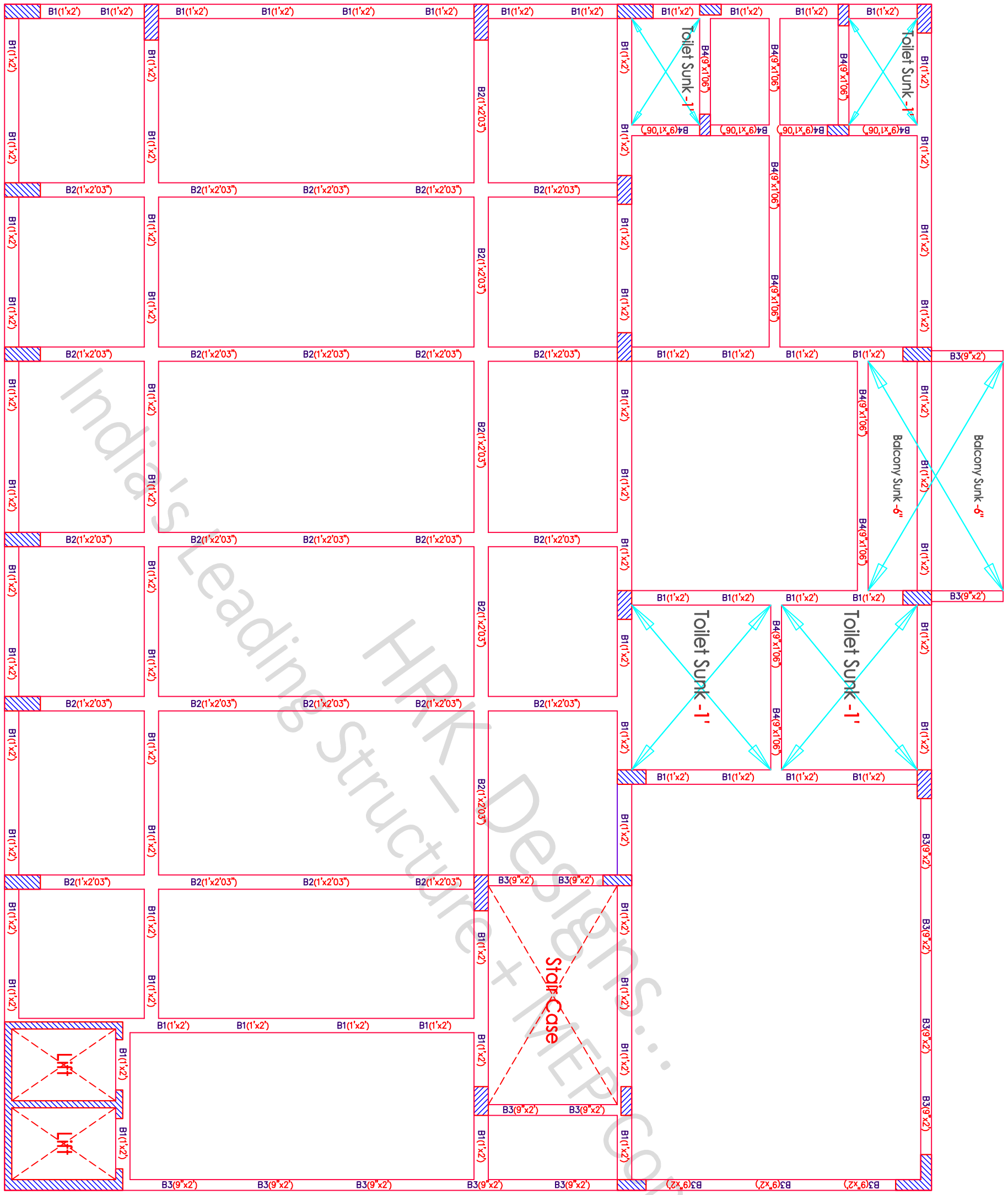

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SCALE - NTS | R-0 | *A3 PRINTS* | S-34

SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	4th Beam Plan
Drw - 2	4th Beam Layout
Drw - 3	4th Beam Plan & C/S Details

4th Beam Plan & Details

G+5 Community hall @ Unnao UP

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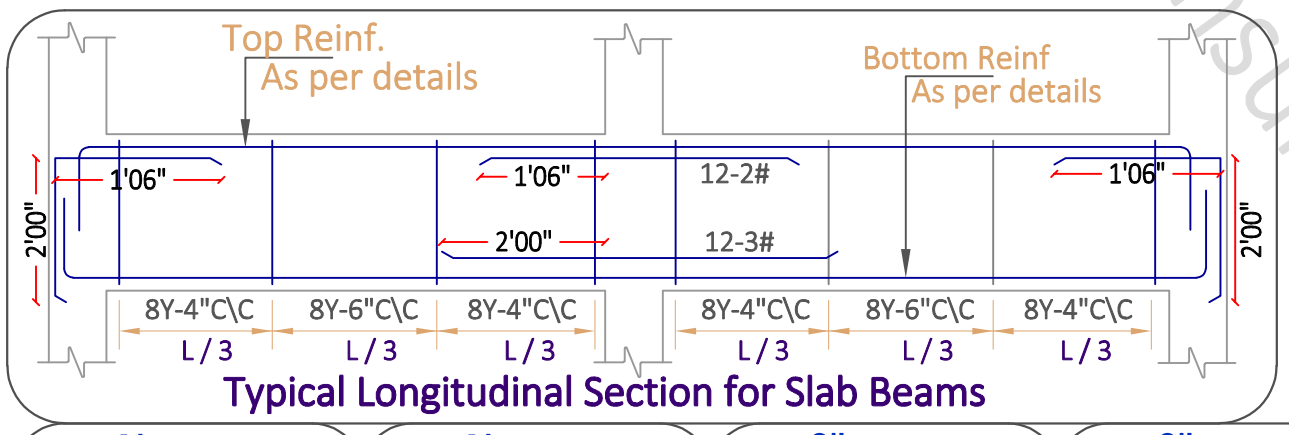
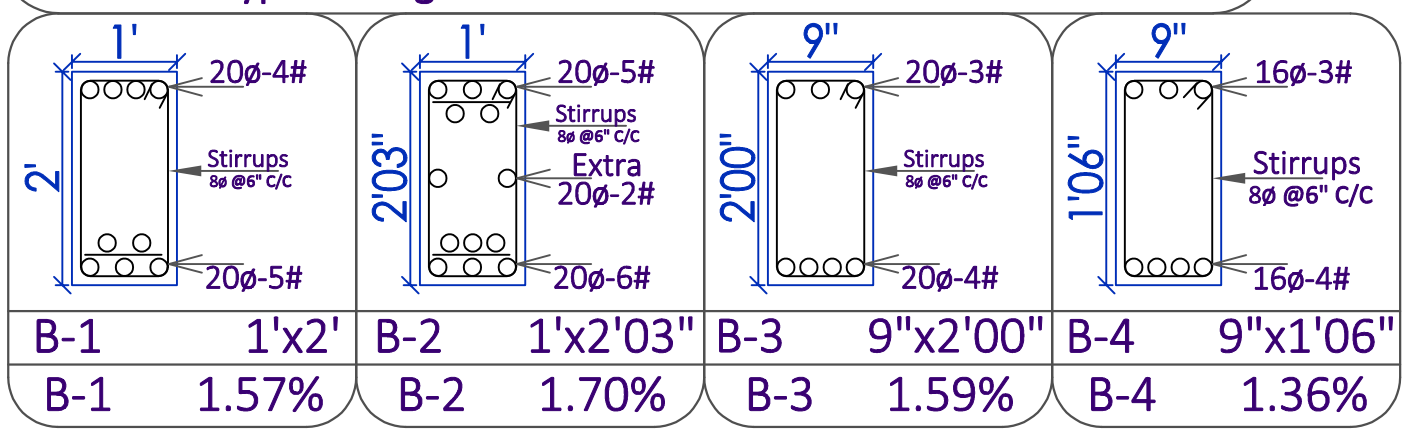


Typical Longitudinal Section for Slab Beams



B-1	1'x2'	B-2	1'x2'03"	B-3	9"x2'00"	B-4	9"x1'06"
B-1	1.57%	B-2	1.70%	B-3	1.59%	B-4	1.36%

SMALLER DIA REINFORCEMENT BAR
LARGER DIA REINFORCEMENT BAR

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SCALE - NTS | R-0 | *A3 PRINTS* | S-35

4th Beam Plan & Details

SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023

Drw Table

Drw No	
Drw - 1	4th Beam Plan
Drw - 2	4th Beam Layout
Drw - 3	4th Beam Plan & C/S Details

PROJECT BY:-
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G+5 Community hall @ Unnao UP

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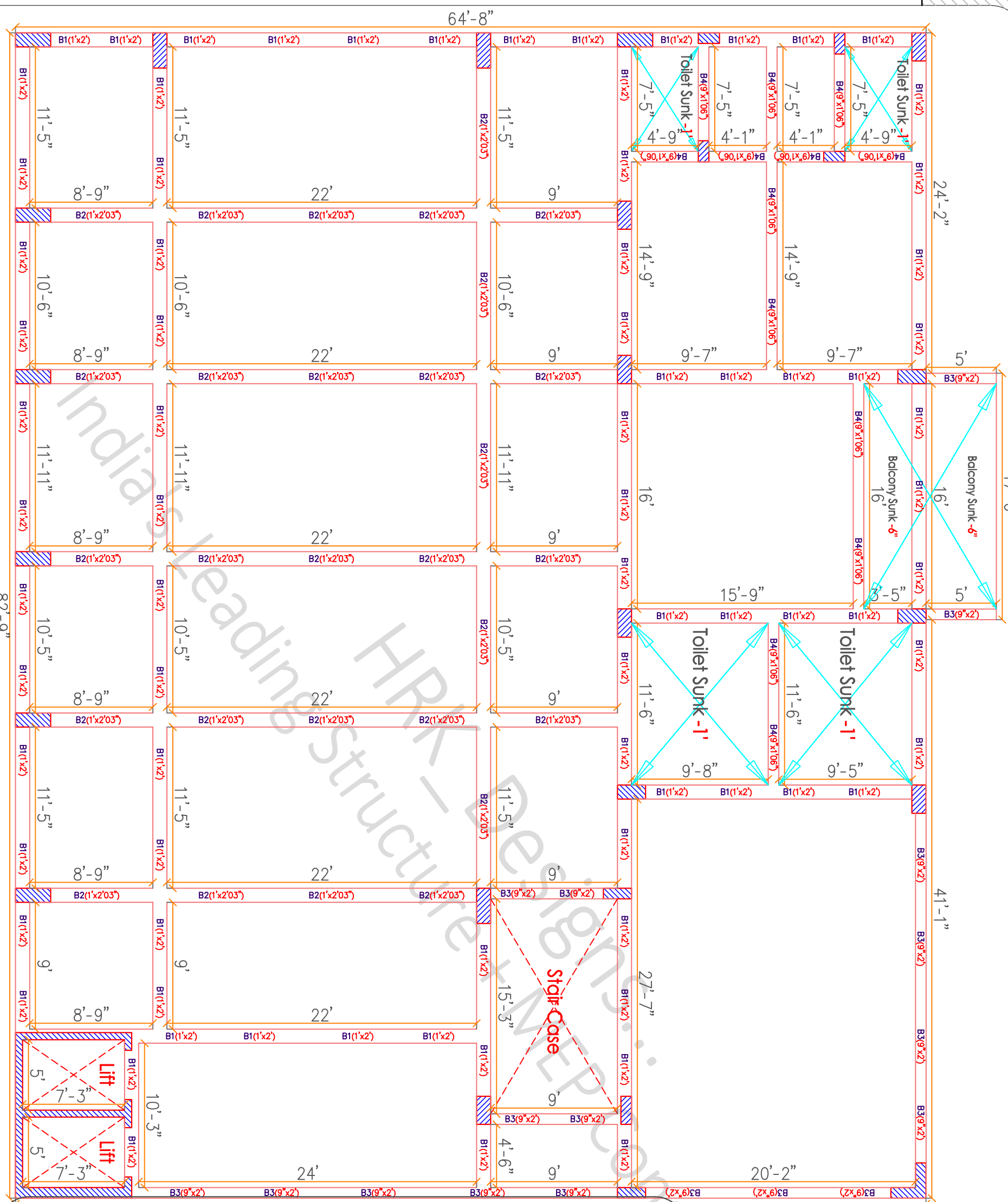

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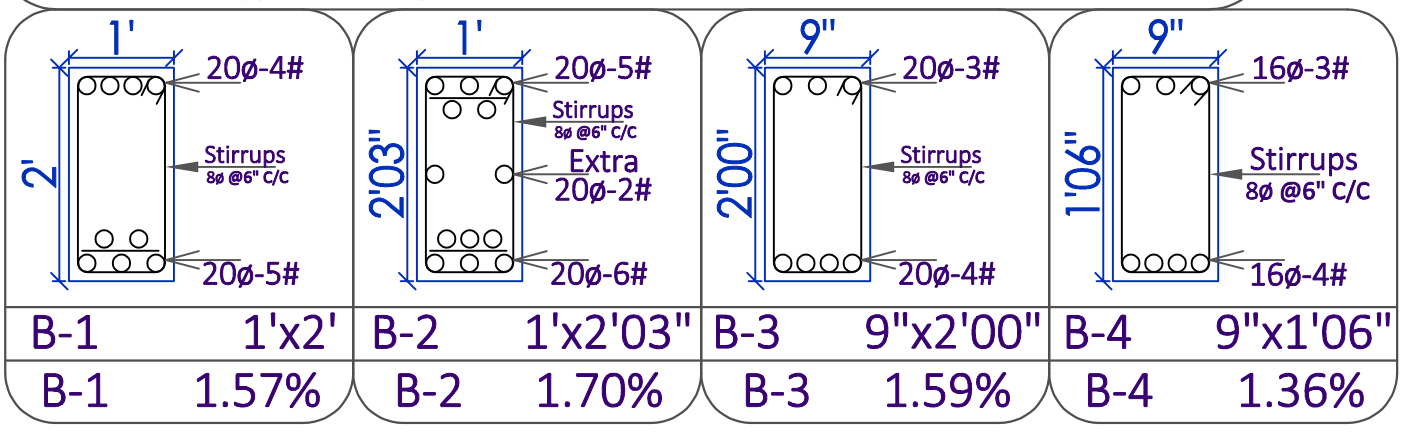

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○ SMALLER DIA REINFORCEMENT BAR
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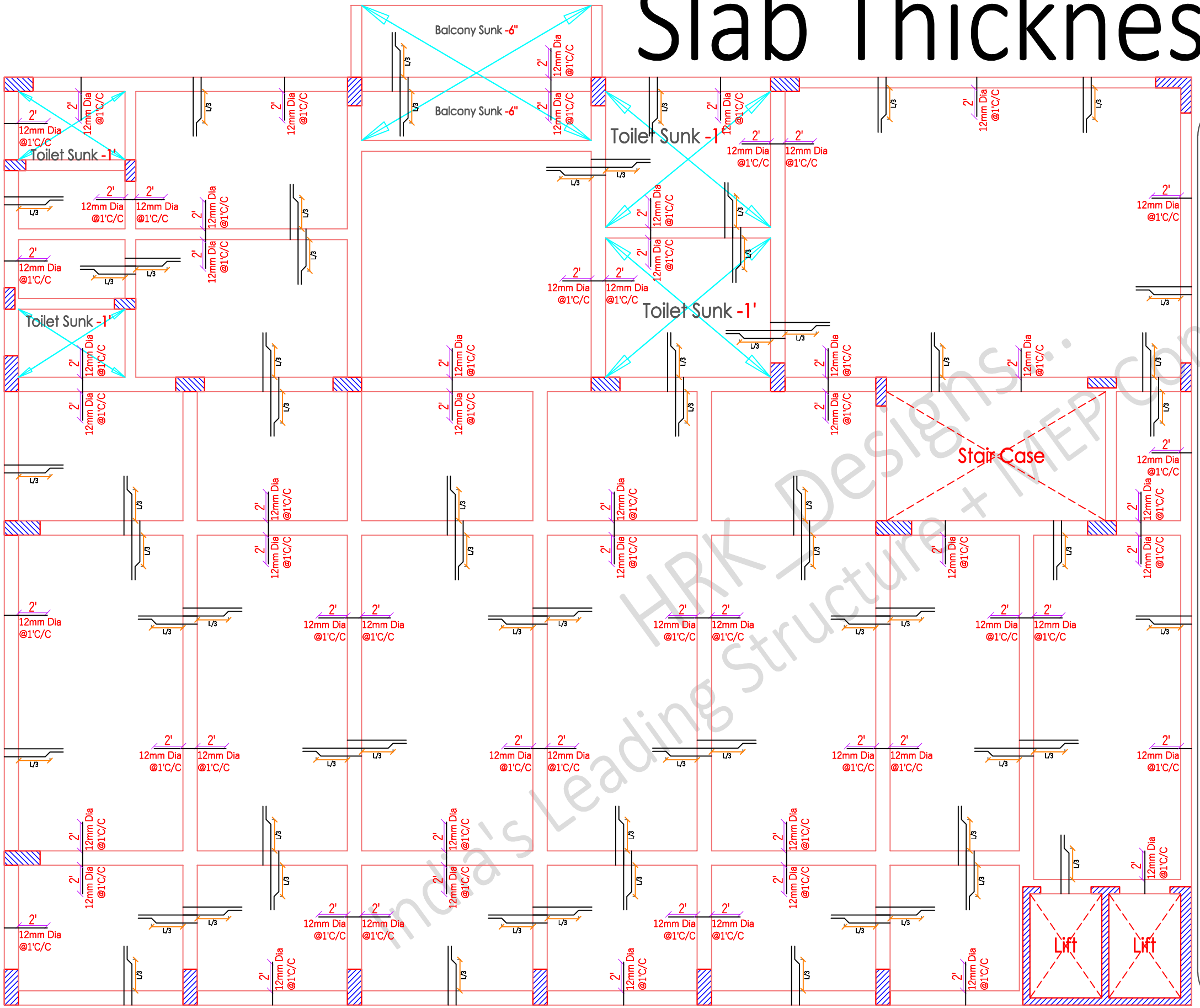
Slab Thickness = 6"



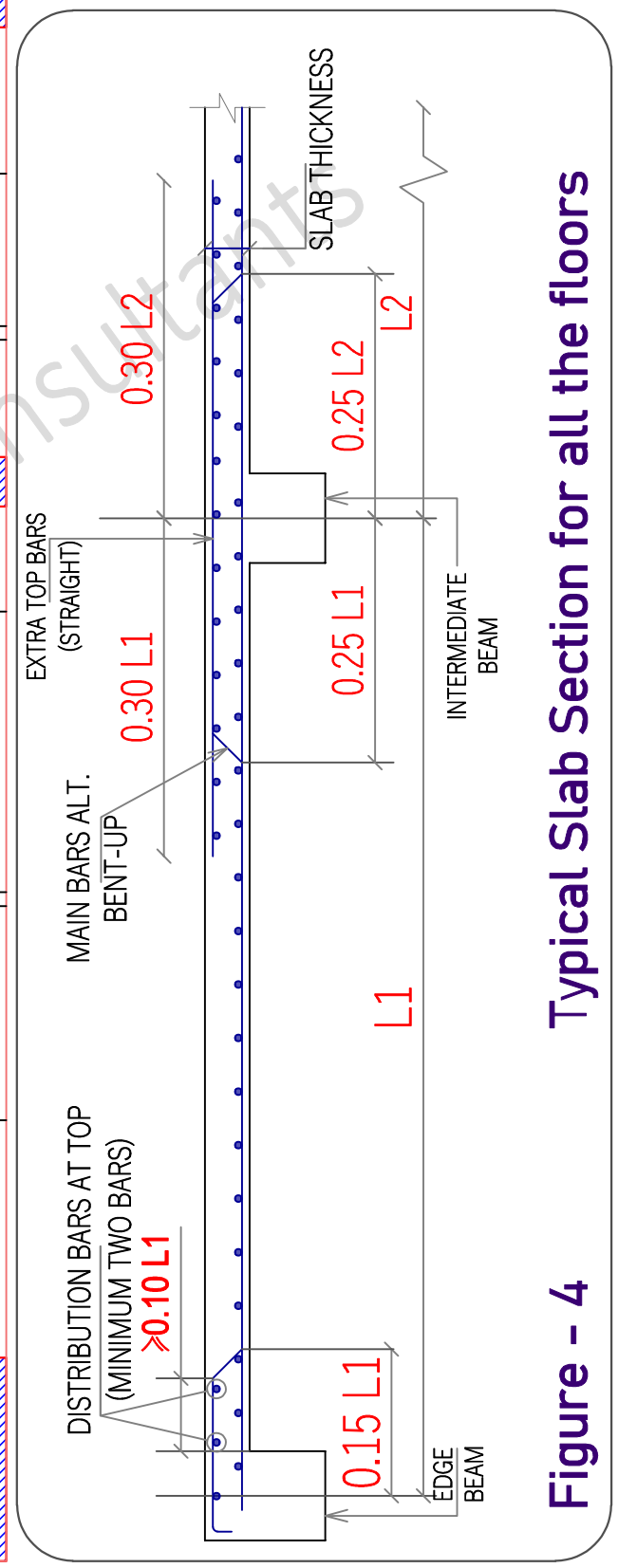


Figure - 4 Typical Slab Section for all the floors

12ø Extra bars @ 1' C/C (Junctions & Ends)

8ø Bent-up bars @ 5" C/C

8ø Straight bars @ 5" C/C

SCALE - NTS | R-0 | *A3 PRINTS* | S-36 | 4th Slab Plan & Details | G+5 Community hall @ Unnao UP

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SHEET TITLE: GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	4th Slab Plan
Drw - 2	4th Slab Layout
Drw - 3	4th Slab Plan & C/S Details

PROJECT BY:-

Ar Hassan Md. Ji

Unnao 209806 Kanpur Uttar Pradesh

CHK AKA | DRW PH

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HRKD/13/11/22/2023

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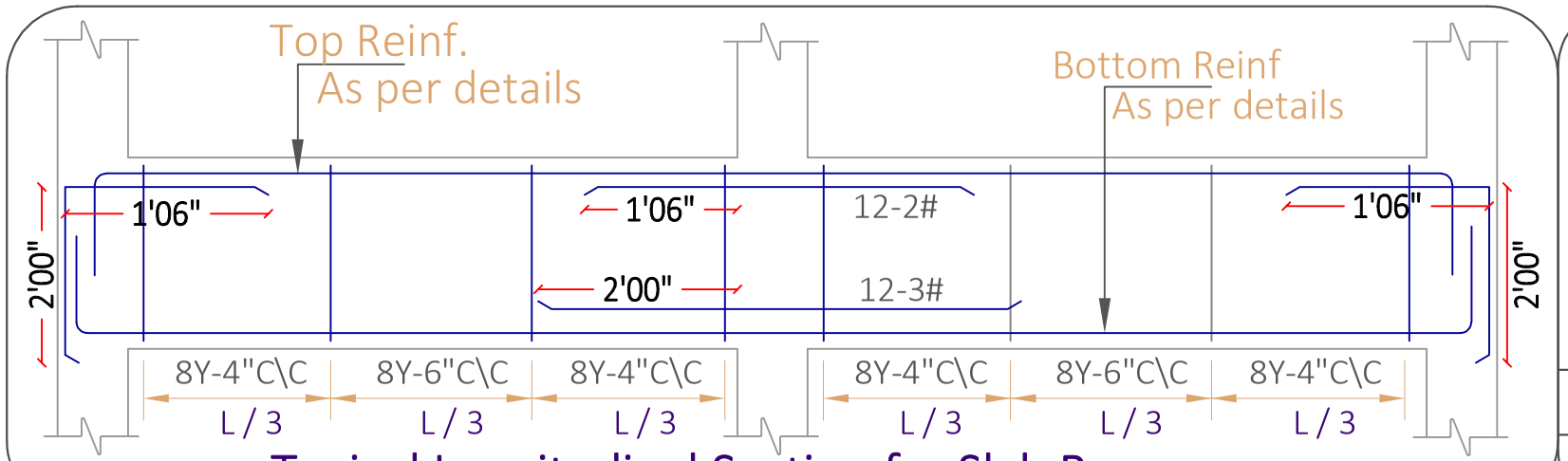
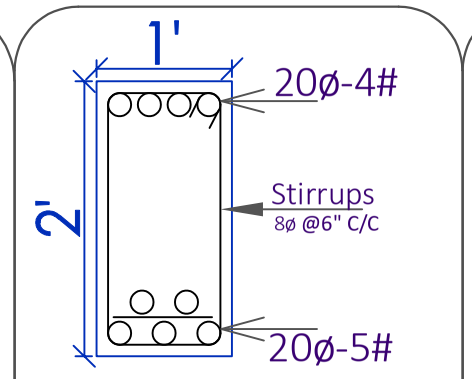
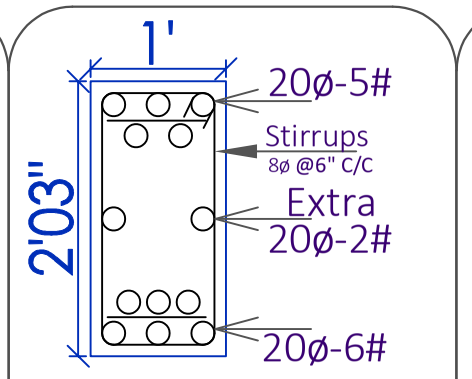


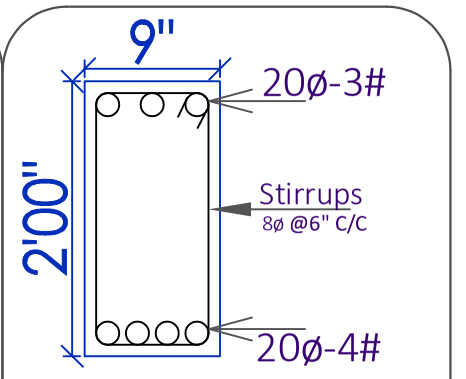
Typical Longitudinal Section for Slab Beams



B-1	1'x2'
B-1	1.57%



B-2	1'x2'03"
B-2	1.70%



B-3	9"x2'00"
B-3	1.59%

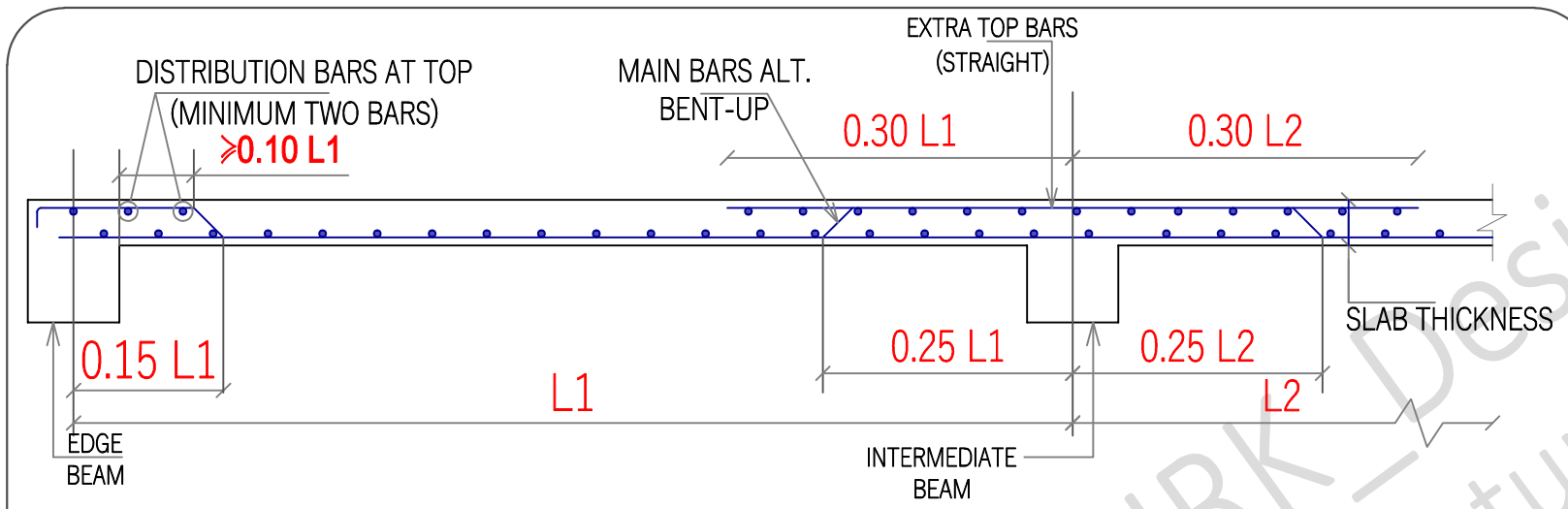
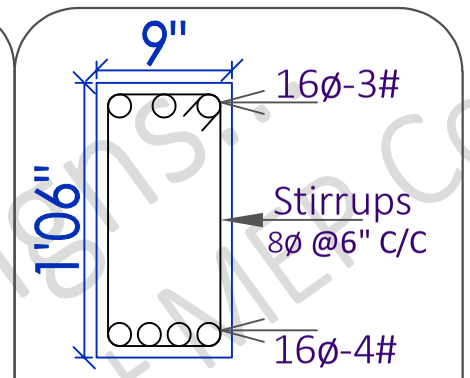


Figure - 4 Typical Slab Section for all the floors



B-4	9"x1'06"
B-4	1.36%

Slab Thickness = 6"

8ø Bent-up bars @ 5" C/C

8ø Straight bars @ 5" C/C

12ø Extra bars @ 1' C/C (Junctions & Ends)

SCALE - NTS	R-0	*A3 PRINTS*	S-37	4th Beam & Slab Reinf^ Details	G+5 Community hall @ Unnao UP

NOTES

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5 - ALL RCC CONCRETE SHALL BE AS PER IS - 456
6 - CLEAR COVER SHOULD BE AS PER FOLLOWING SPECIFIED
(A) - SLAB - 20mm (B) - BEAMS TOP & BOTTOM - 30mm (C) - BEAMS SIDES - 25mm
(D) - COLUMNS - 40 mm (E) - FOOTINGS (Sides) - 50mm
7 - WATER USED FOR CONCRETING SHALL MEET CL - 5.4 IS - 456
8 - DEVELOPMENT LENGTH SHALL BE 48D (D - DIA OF BAR in mm)

CODES USED FOR DESIGNING
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- IS 1893 - 2002 - INDIAN STANDARD CODE OF PRACTICE FOR EARTHQUAKE RESISTANCE DESIGN OF STRUCTURE

SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	Drw Table
Drw - 1	4th Beam & Slab C/S Details
Drw - 2	4th Beam & Slab Reinf^ C/S Details
Drw - 3	

21/11/2023

PROJECT BY:-
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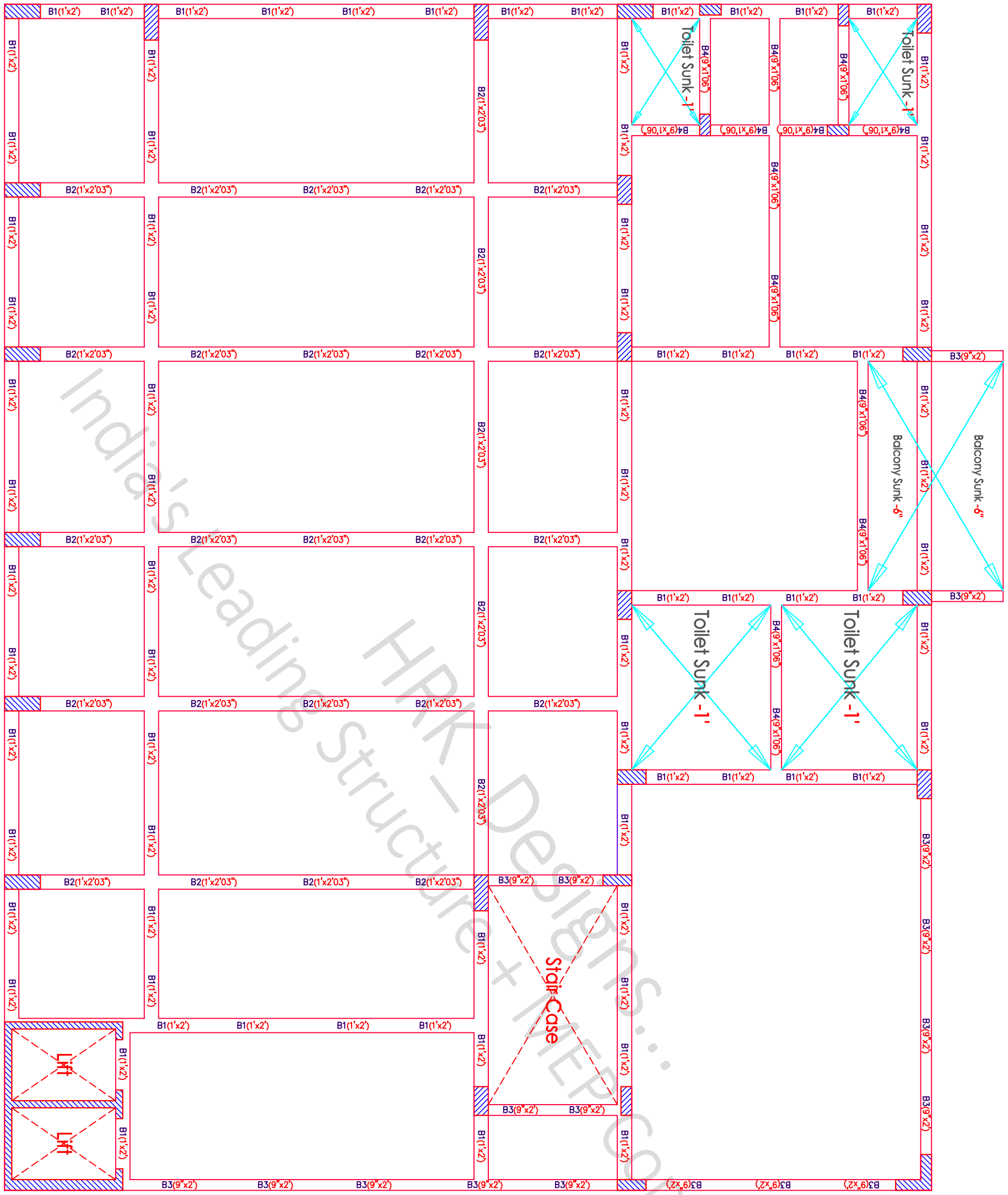

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SCALE - NTS | R-0 | *A3 PRINTS* | S-38

SHEET TITLE | 5th Beam Plan & Details

Drw No	
Drw - 1	5th Beam Plan
Drw - 2	5th Beam Layout
Drw - 3	5th Beam Plan & C/S Details

STATUS | GOOD FOR CONSTRUCTION | 21/11/2023

Drw Table

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

G+5 Community hall @ Unnao UP

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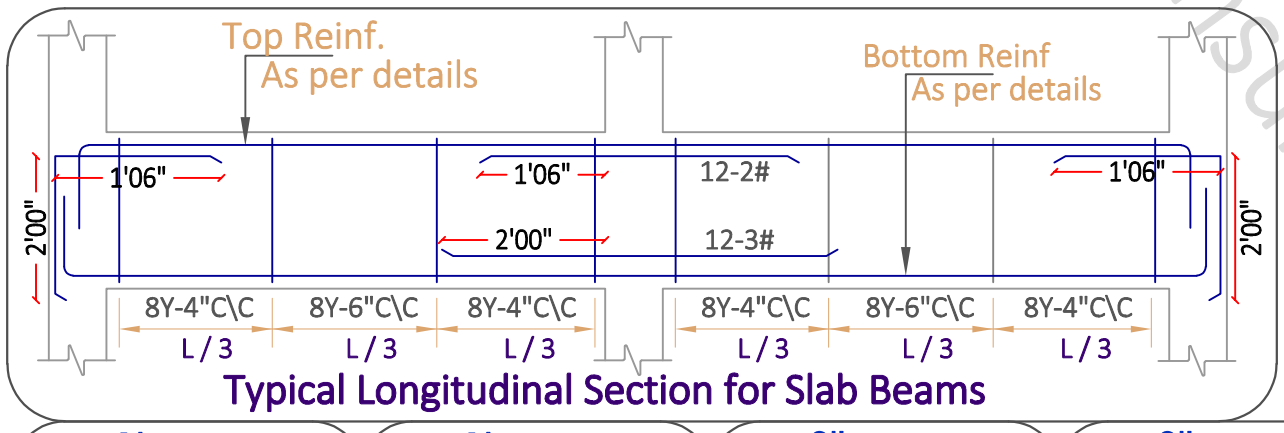
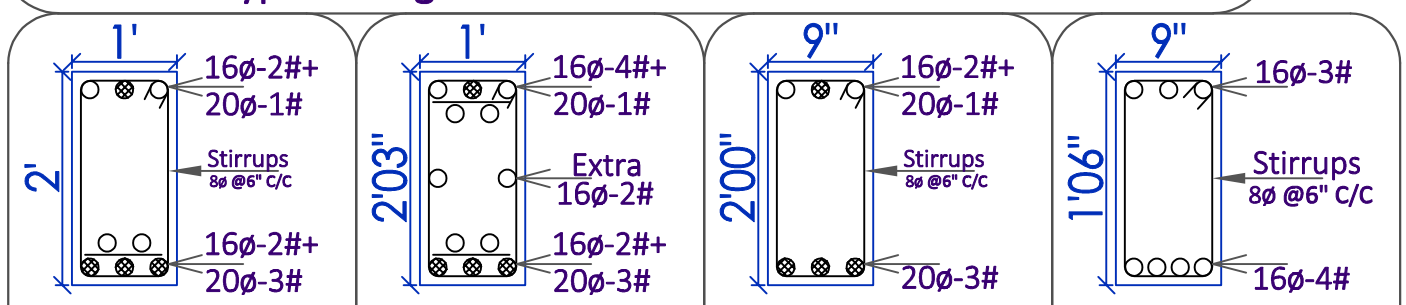


Typical Longitudinal Section for Slab Beams



B-1	1'x2'	B-2	1'x2'03"	B-3	9"x2'00"	B-4	9"x1'06"
B-1	1.05	B-2	1.22%	B-3	1.20%	B-4	1.36%

○ SMALLER DIA REINFORCEMENT BAR
● LARGER DIA REINFORCEMENT BAR

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SCALE - NTS | R-0 | *A3 PRINTS* | S-39

SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

5th Beam Plan & Details

Drw Table

Drw No	
Drw - 1	5th Beam Plan
Drw - 2	5th Beam Layout
Drw - 3	5th Beam Plan & C/S Details

PROJECT BY:-

Ar Hassan Md. Ji

Unnao 209806 Kanpur Uttar Pradesh

G+5 Community hall @ Unnao UP

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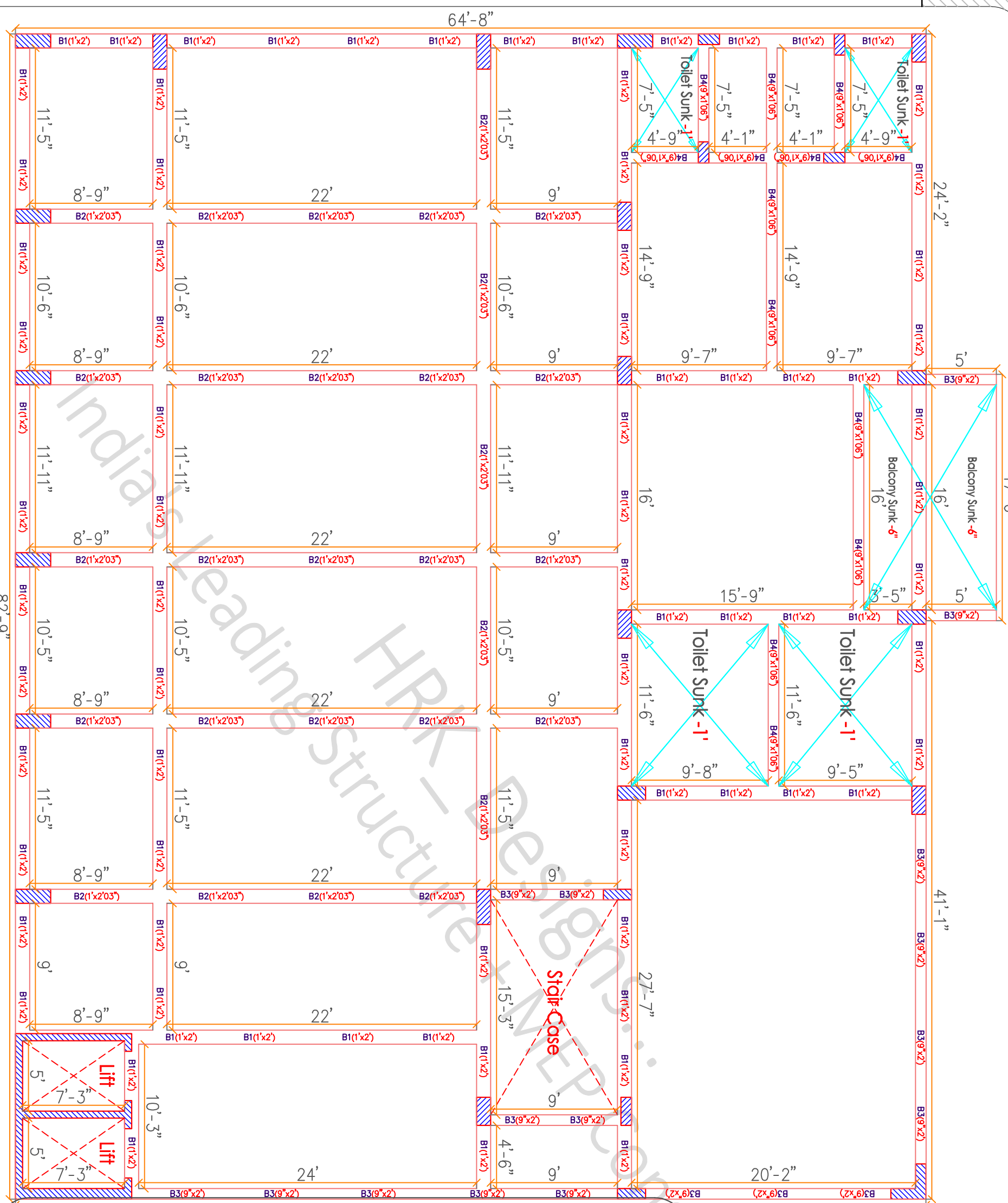

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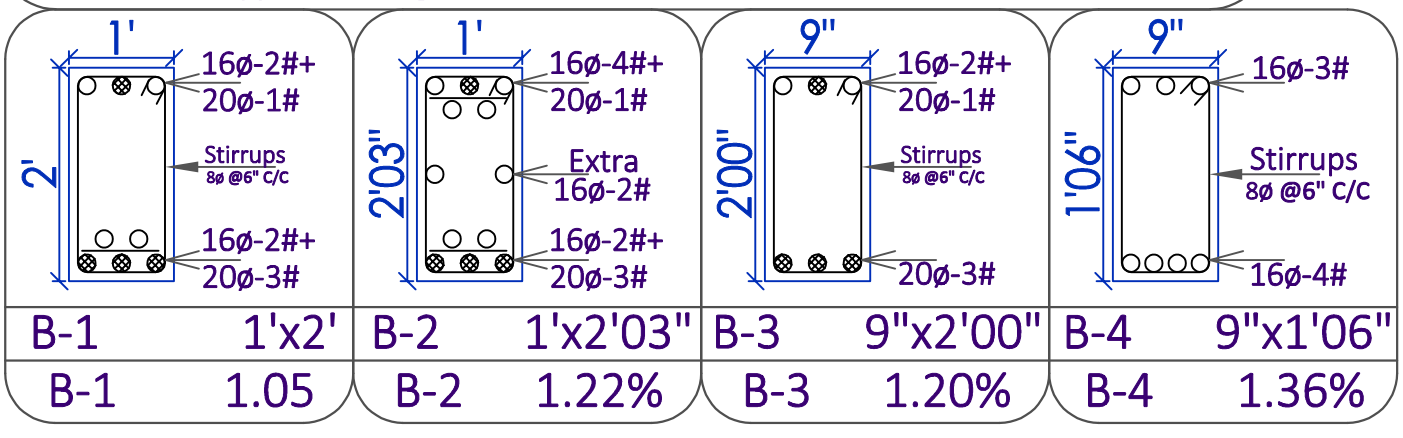
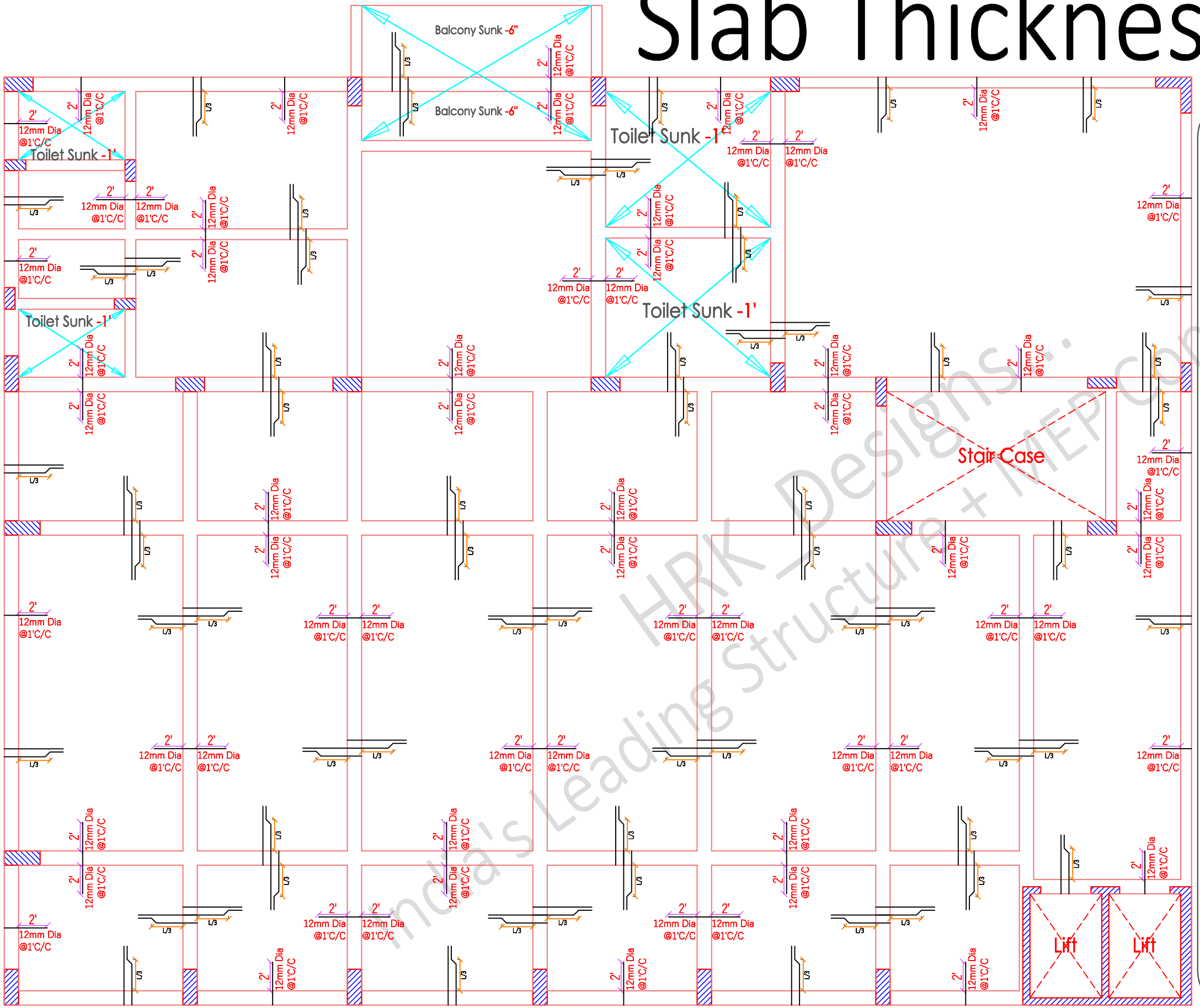


○ SMALLER DIA REINFORCEMENT BAR
● LARGER DIA REINFORCEMENT BAR

Slab Thickness = 6"



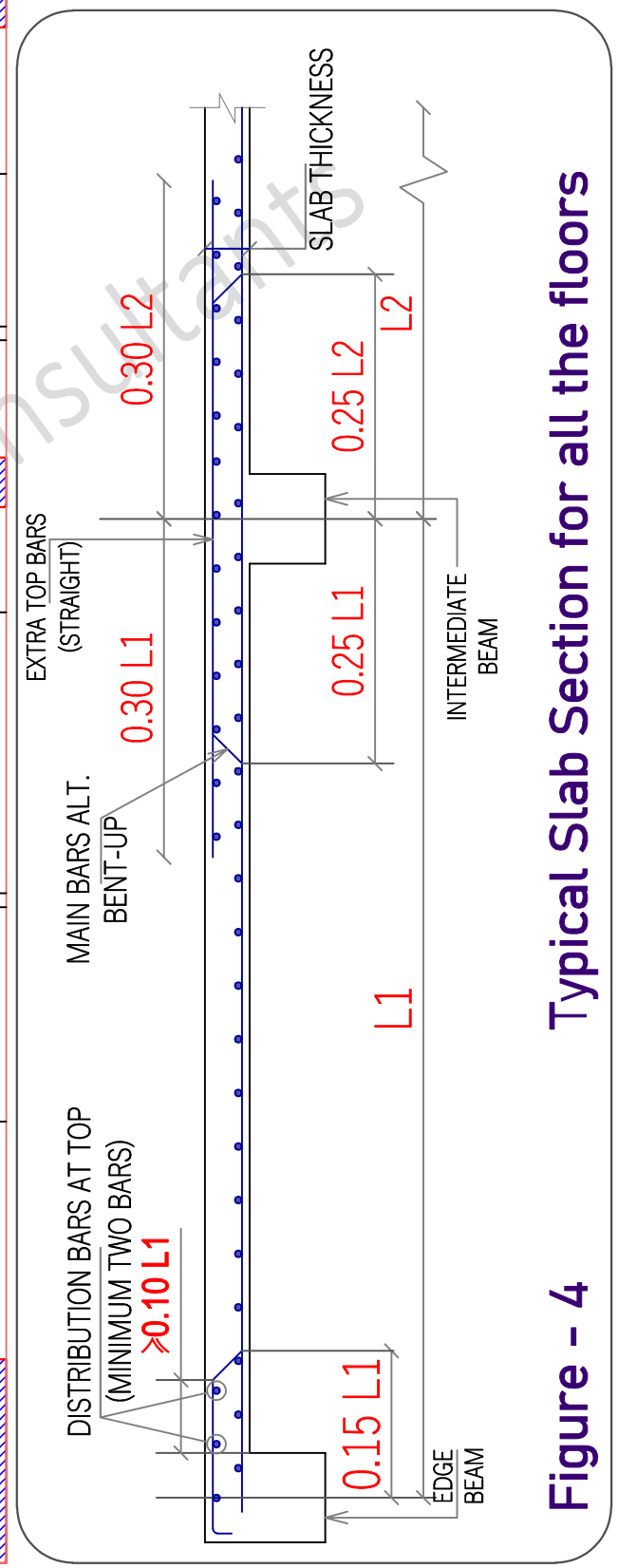


Figure - 4 Typical Slab Section for all the floors

12ø Extra bars @ 1' C/C (Junctions & Ends)

8ø Bent-up bars @ 5" C/C

8ø Straight bars @ 5" C/C

SCALE - NTS | R-0 | *A3 PRINTS* | S-40 | 5th Slab Plan & Details | G+5 Community hall @ Unnao UP

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SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	5th Slab Plan
Drw - 2	5th Slab Layout
Drw - 3	5th Slab Plan & C/S Details

PROJECT BY:-

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Unnao 209806 Kanpur Uttar Pradesh

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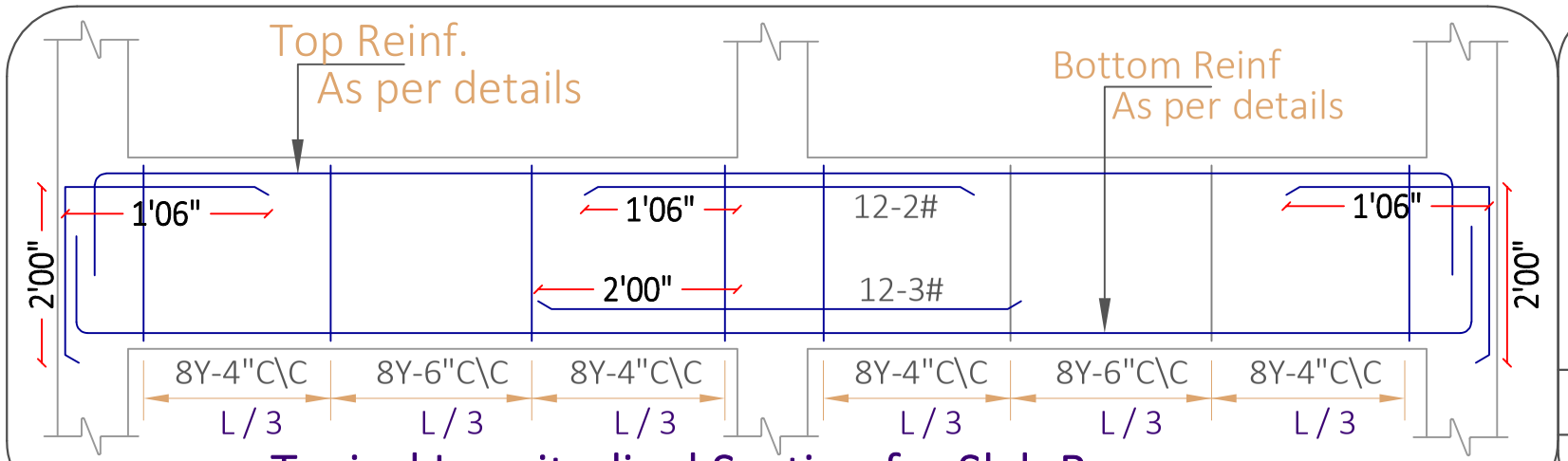

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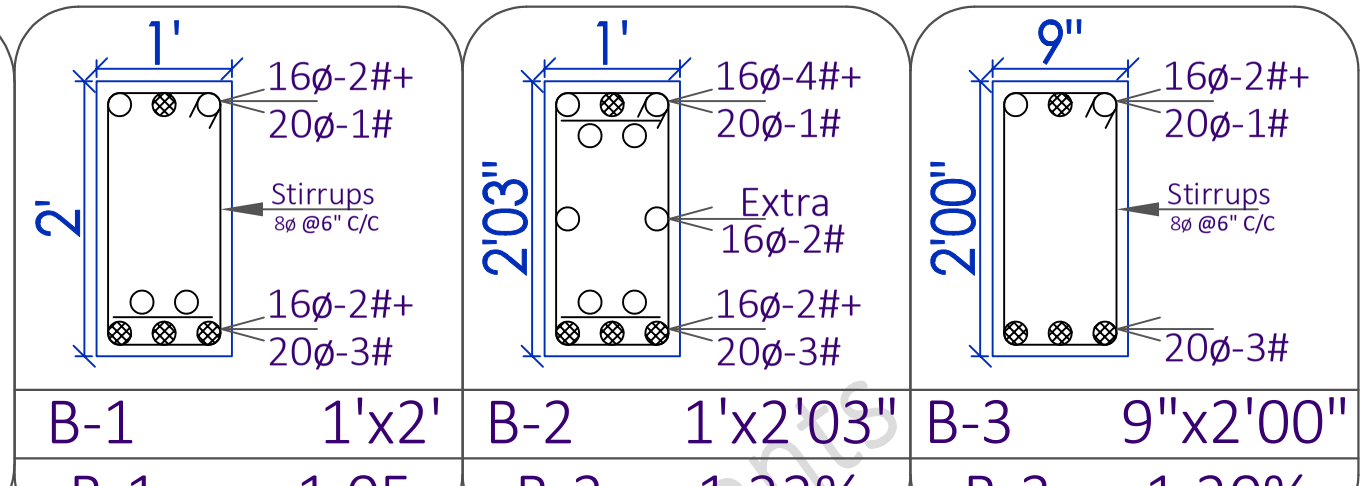


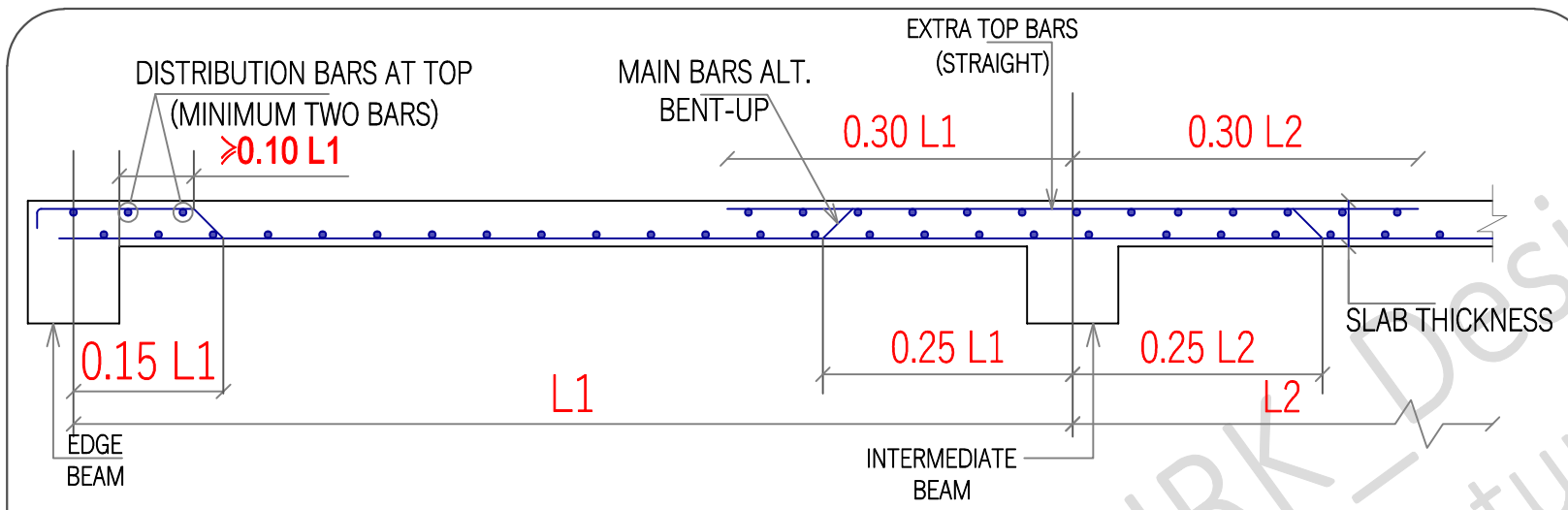
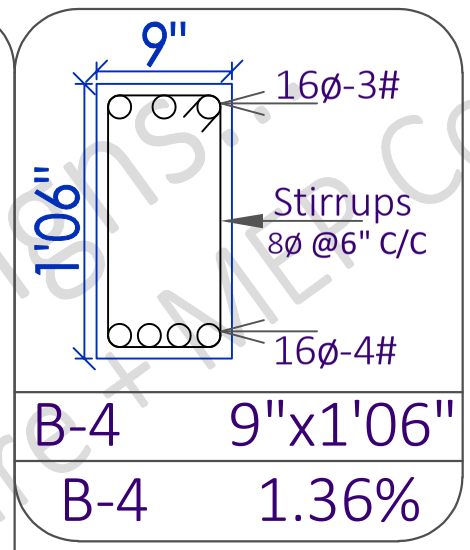


Figure - 4 Typical Slab Section for all the floors



Slab Thickness = 6"

8ø Bent-up bars @ 5" C/C

8ø Straight bars @ 5" C/C

12ø Extra bars @ 1' C/C (Junctions & Ends)

SCALE - NTS	R-0	*A3 PRINTS*	S-41	5th Beam & Slab Reinf^ Details	G+5 Community hall @ Unnao UP

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SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	Drw Table
Drw - 1	5th Beam & Slab C/S Details
Drw - 2	5th Beam & Slab Reinf^ C/S Details
Drw - 3	

21/11/2023

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SCALE - NTS | R-0 | *A3 PRINTS* | S-42 | Terrace RCC Col's Plan Layout | G+5 Community hall @ Unnao UP

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SHEET TITLE: GOOD FOR CONSTRUCTION

Drw No	Drw Table
Drw - 1	Terrace RCC Peripheral Col's Layout
Drw - 2	Terrace Col's Plan
Drw - 3	

21/11/2023

PROJECT BY:-

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SCALE - NTS | R-0 | *A3 PRINTS* | S-43 | Terrace MS Col's Plan Layout | G+5 Community hall @ Unnao UP

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SHEET TITLE: GOOD FOR CONSTRUCTION

21/11/2023

Drw No	Drw Table
Drw - 1	Terrace MS Col's Layout
Drw - 2	Terrace MS Col's Plan
Drw - 3	

PROJECT BY:-

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SCALE - NTS | R-0 | *A3 PRINTS* | S-44 | Terrace MS Col's Plan Layout | G+5 Community hall @ Unnao UP

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7 - WATER USED FOR CONCRETING SHALL MEET CL - 5.4 IS - 456
8 - DEVELOPMENT LENGTH SHALL BE 48D (D - DIA OF BAR in mm)

CODES USED FOR DESIGNING

- IS:456 - INDIAN STANDARD CODE OF PRACTICE FOR PLAIN & REINFORCED CONCRETE
- IS:800-2007 - INDIAN STANDARD CODE OF PRACTICE FOR GENERAL CONSTRUCTION IN STEEL
- IS:801-1975 - INDIAN STANDARD CODE OF PRACTICE FOR USE OF COLD FORMED LIGHT GAUGE STEEL STRUCTURAL MEMBERS IN GENERAL BUILDING CONSTRUCTION
- IS:875 - 1987 - PART (I, II, III, & V) - INDIAN STANDARD CODE OF PRACTICE FOR DESIGN LOADS
- IS 1893 - 2002 - INDIAN STANDARD CODE OF PRACTICE FOR EARTHQUAKE RESISTANCE DESIGN OF STRUCTURE

SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw No	Drw Table
Drw - 1	Terrace MS Col's Base Plate Layout
Drw - 2	Terrace MS Col's Base Plate Plan
Drw - 3	

PROJECT BY:-

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Unnao 209806 Kanpur Uttar Pradesh

CHK	DRW
AKA	PH
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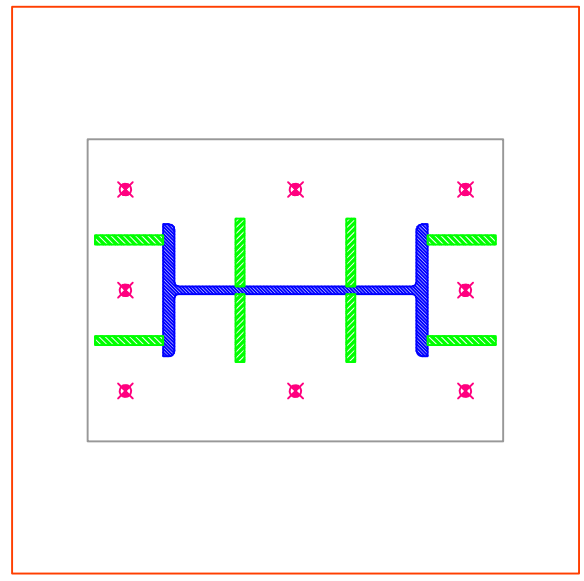
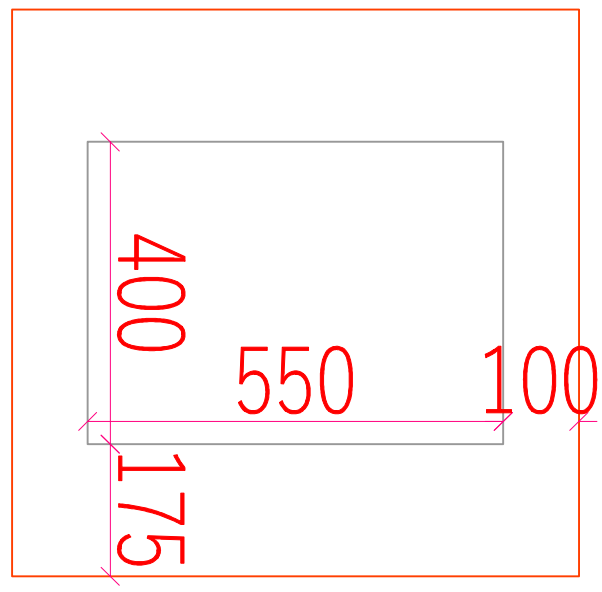
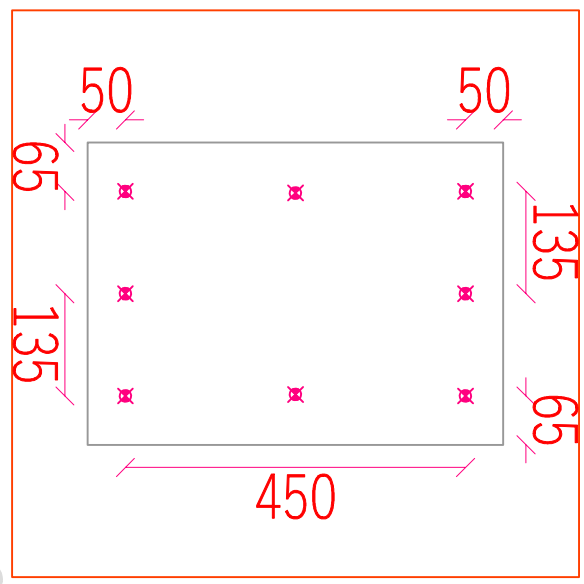
1 = Overall View



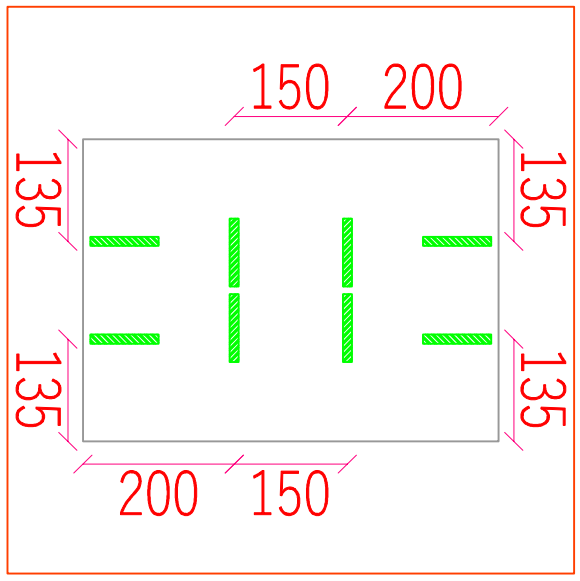
2 = BP Details



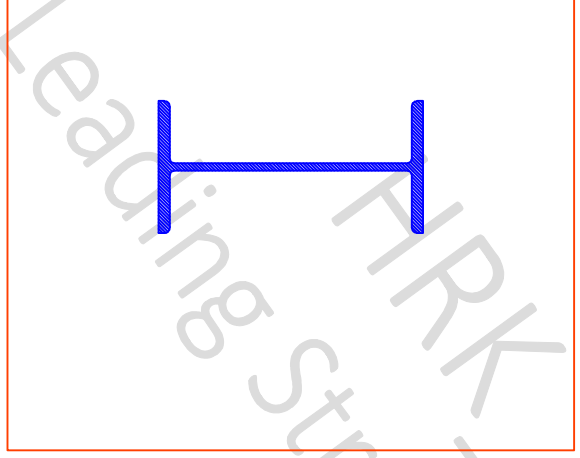
3 = Bolt's Details



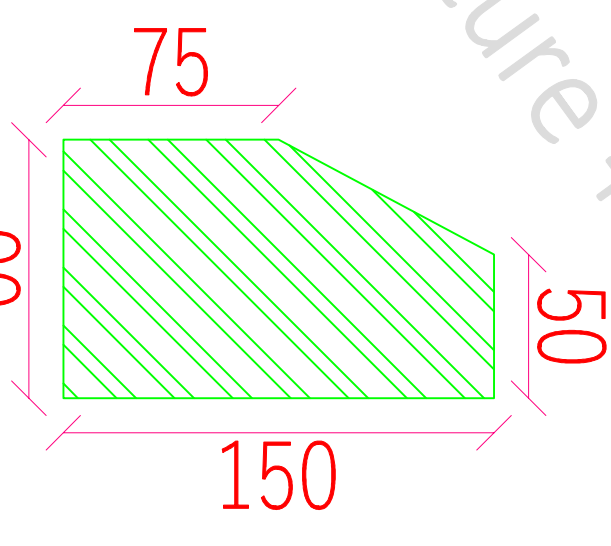
4 = Cleat Plate (CP Details)



5 = Member Details



6 = 12mmTHK Cleat Plate



NOTES

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5 - ALL RCC CONCRETE SHAL BE AS PER IS - 456
6 - CLEAR COVER SHOULD BE AS PER FOLLOWING SPECIFIED
(A) - SLAB - 20mm (B) - BEAMS TOP & BOTTOM - 30mm (C) - BEAMS SIDES - 25mm
(D) - COLUMNS - 40 mm (E) - FOOTINGS (Sides) - 50mm
7 - WATER USED FOR CONCRETING SHALL MEET CL - 5.4 IS - 456
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CODES USED FOR DESIGNING
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- IS 1893 - 2002 - INDIAN STANDARD CODE OF PRACTICE FOR EARTHQUAKE RESISTANCE DESIGN OF STRUCTURE

SCALE - NTS | R-0 | *A3 PRINTS*

SHEET - 45 CONNECTION DETAILS & LAYOUT

SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023

Drw Table

Drw No	
Drw - 1	CONNECTION DETAILS
Drw - 2	CONNECTION LAYOUT
Drw - 3	

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G+5 Community hall @ Unnao UP

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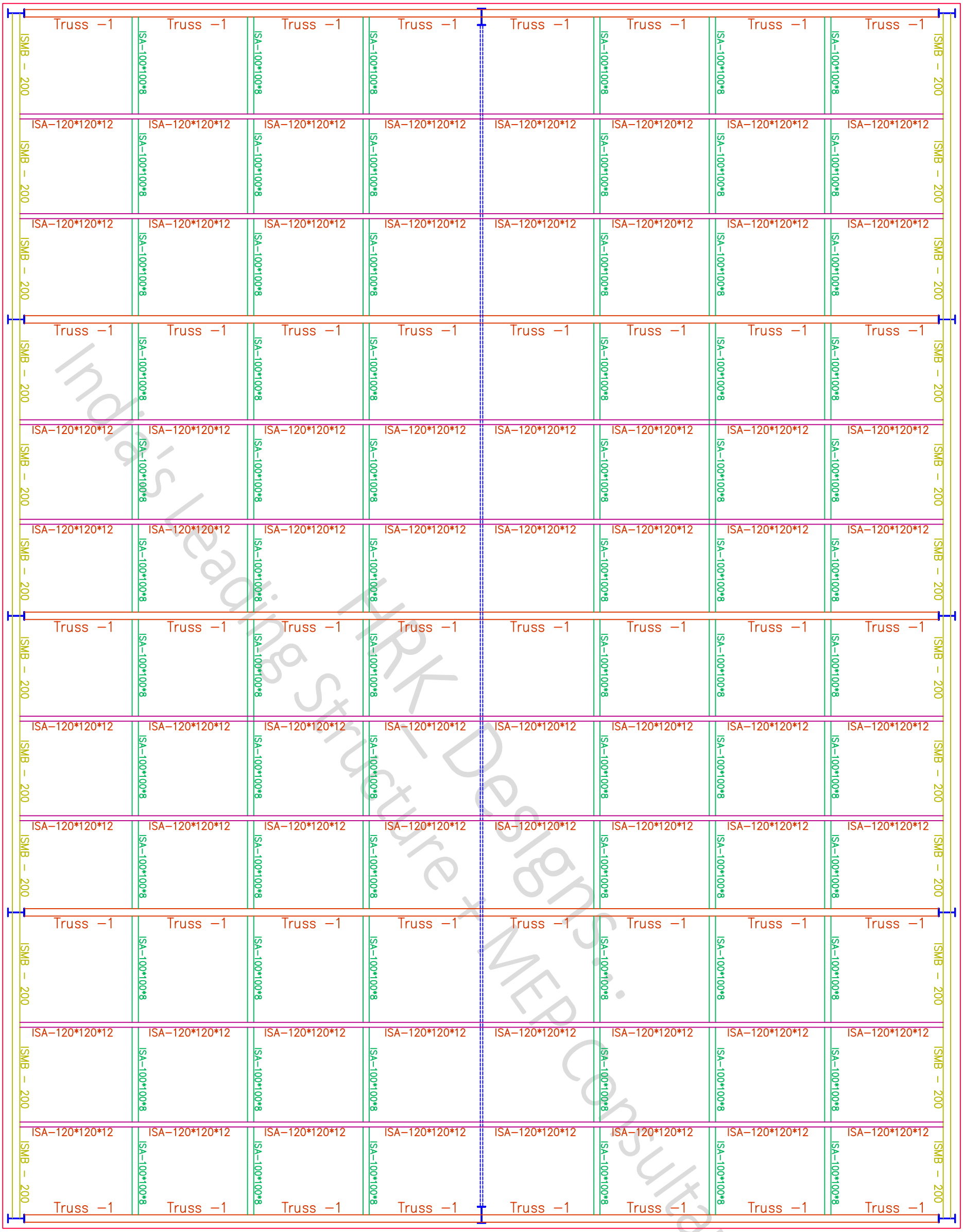

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- IS:1893 - 2002 - INDIAN STANDARD CODE OF PRACTICE FOR EARTHQUAKE RESISTANCE DESIGN OF STRUCTURE

SCALE - NTS | R-0 | *A3 PRINTS*

SHEET - 46 TRUSS LAYOUT & DETAILS

SHEET TITLE | GOOD FOR CONSTRUCTION | 21/11/2023

Drw Table

Drw No	
Drw - 1	TRUSS DETAILS
Drw - 2	TRUSS LAYOUT
Drw - 3	BEAM FRAME LAYOUT & DETAILS

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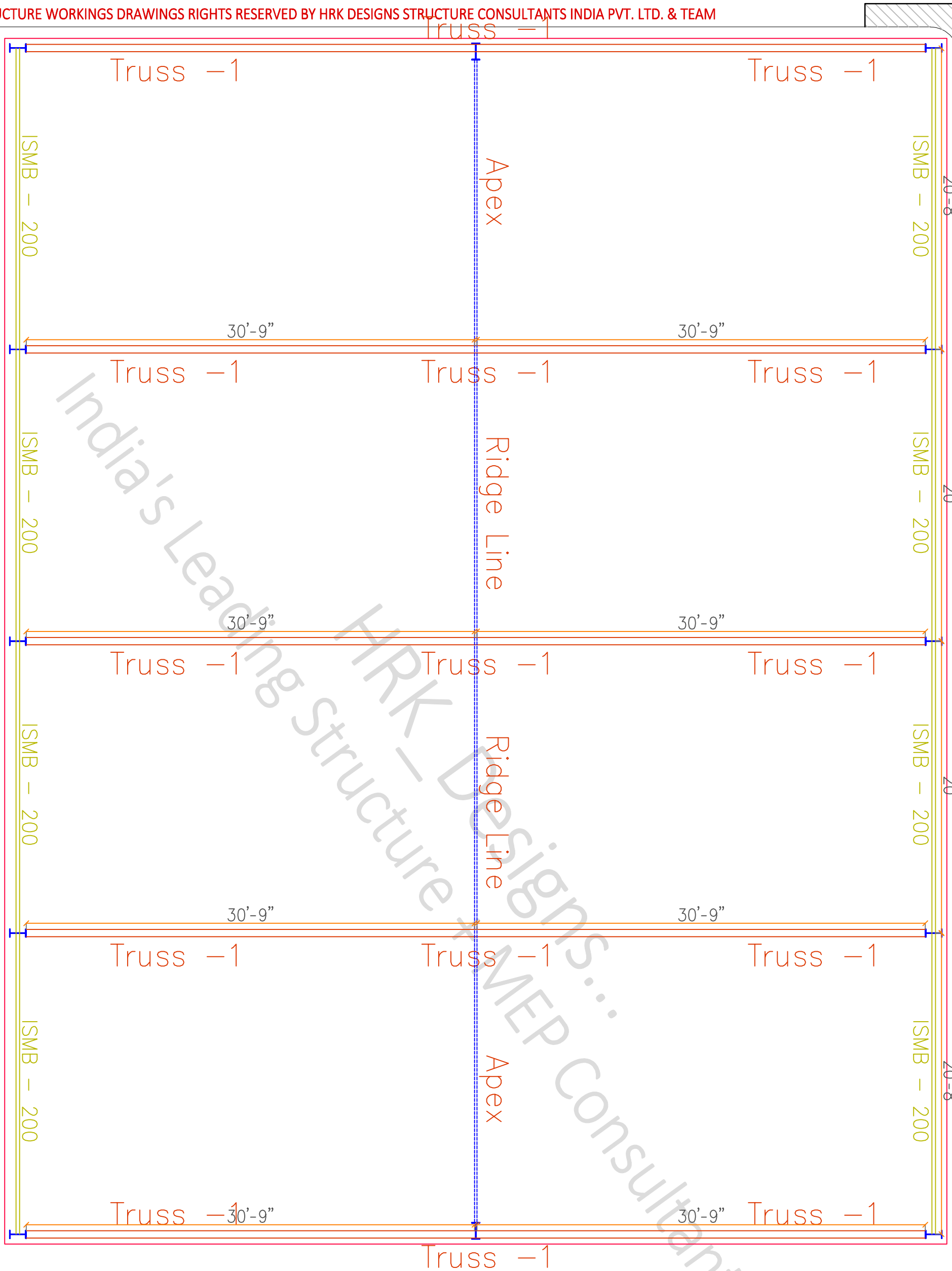
ARCHITECT WORKINGS DRAWINGS RIGHTS RESERVED BY Ar Hassan Md. Ji & TEAM



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SCALE - NTS | R-0 | *A3 PRINTS*

SHEET - 47 TRUSS LAYOUT & DETAILS

SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023

Drw Table

Drw No	SHEET TITLE
Drw - 1	TRUSS DETAILS
Drw - 2	TRUSS LAYOUT
Drw - 3	

PROJECT BY:-
Ar Hassan Md. Ji
Unnao 209806 Kanpur Uttar Pradesh

G+5 Community hall @ Unnao UP

DRW	CHK
PH	AKA
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HRKD/13/11/22/2023	

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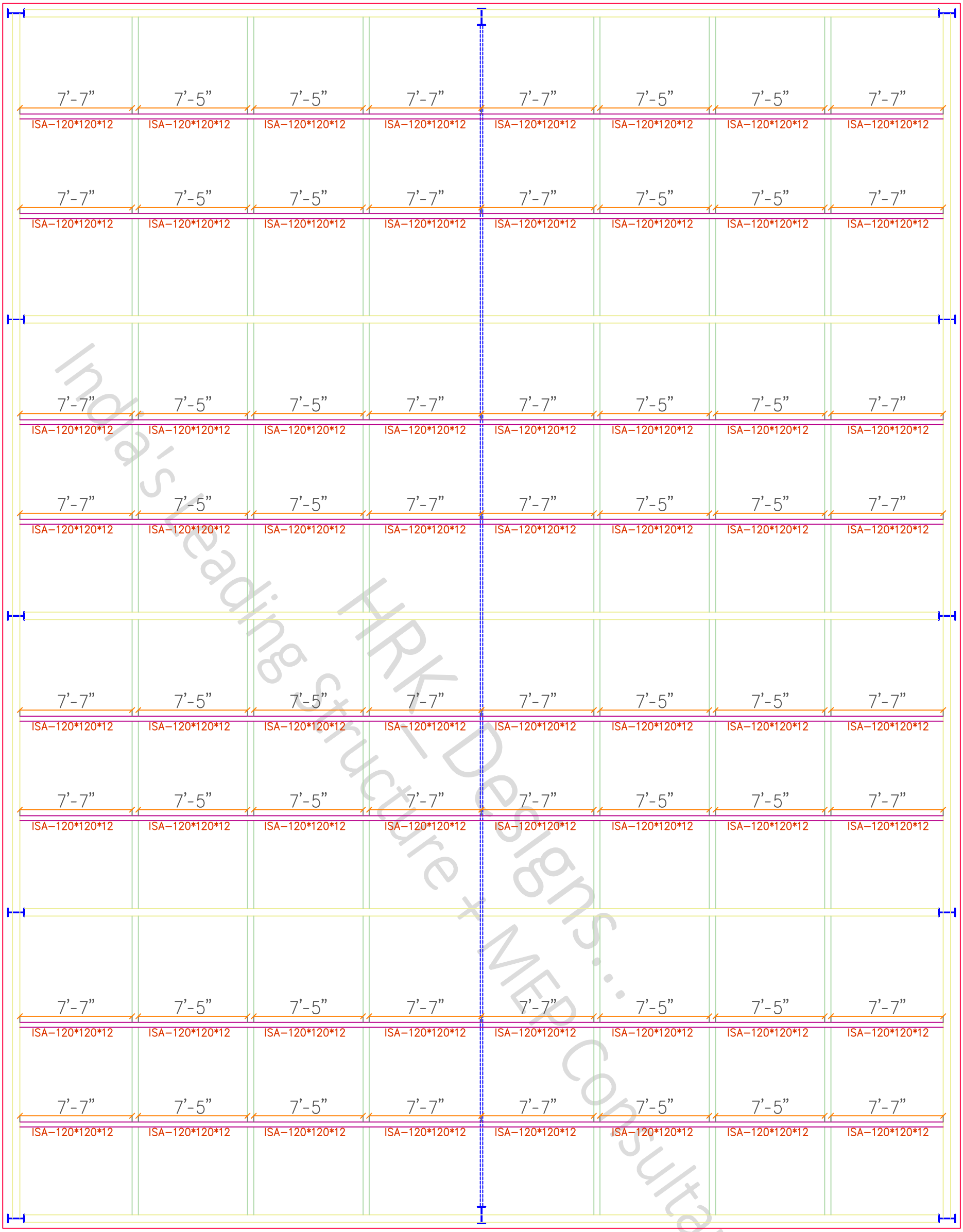

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8 - DEVELOPMENT LENGTH SHALL BE 48D (D - DIA OF BAR in mm)

SCALE - NTS | R-0 | *A3 PRINTS*

SHEET - 48 TRUSS SECONDARY MEMBER's LAYOUT & DETAILS

G+5 Community hall @ Unnao UP

CODES USED FOR DESIGNING
- IS:456 - INDIAN STANDARD CODE OF PRACTICE FOR PLAIN & REINFORCED CONCRETE
- IS:800-2007 - INDIAN STANDARD CODE OF PRACTICE FOR GENERAL CONSTRUCTION IN STEEL
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SHEET TITLE	GOOD FOR CONSTRUCTION	21/11/2023

Drw Table

Drw No	
Drw - 1	SECONDARY MEMBER's DETAILS
Drw - 2	SECONDARY MEMBER's LAYOUT
Drw - 3	SECONDARY MEMBER's LAYOUT & DETAILS

PROJECT BY:-

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CHK	DRW
AKA	PH

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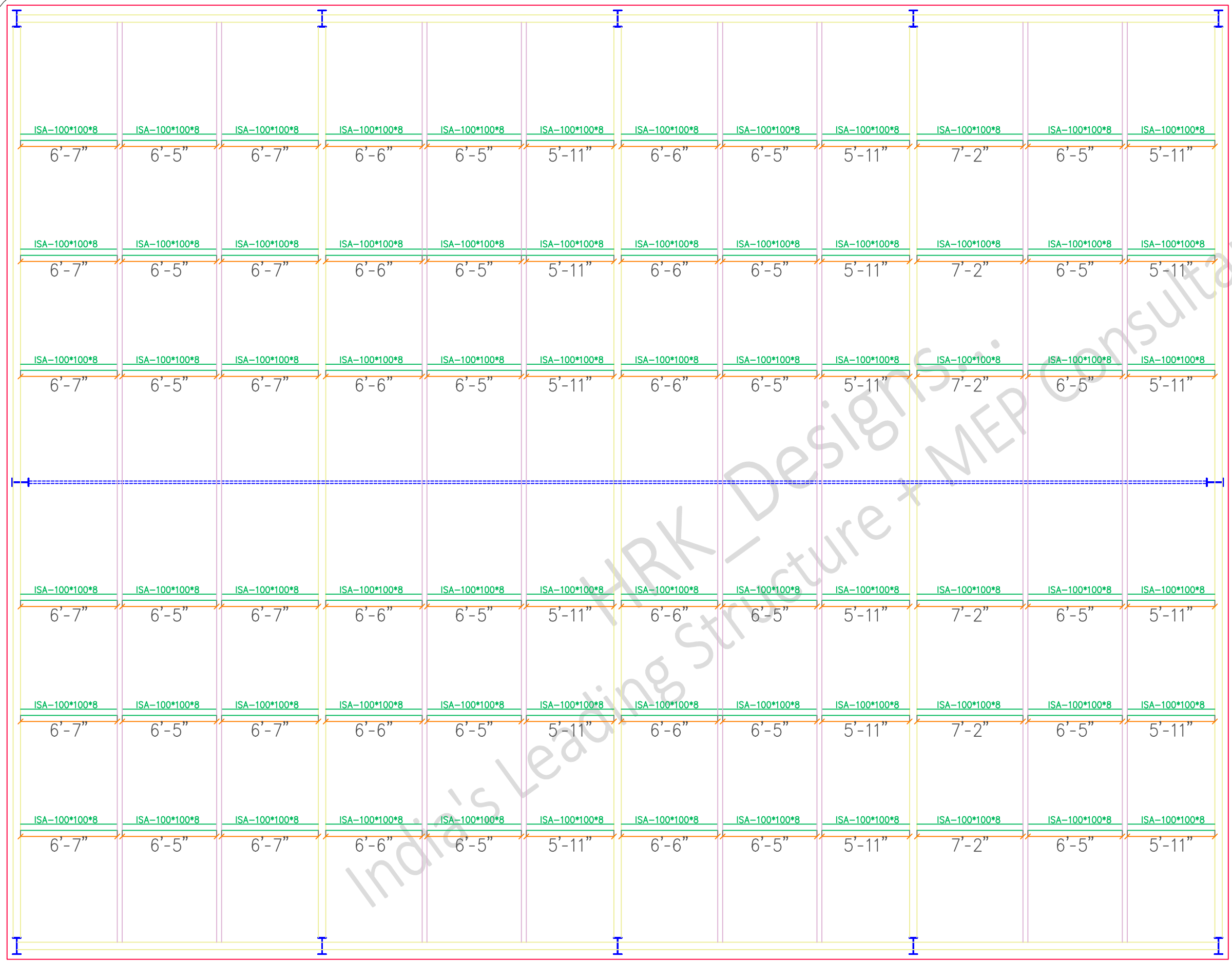

SCALE - NTS | R-0 | *A3 PRINTS* | SHEET - 49 | PURLIN's MEMBER's LAYOUT & DETAILS | G+5 Community hall @ Unnao UP

NOTES

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SHEET TITLE: GOOD FOR CONSTRUCTION

Drw No	Drw Table
Drw - 1	PURLIN's MEMBER's DETAILS
Drw - 2	PURLIN's MEMBER's LAYOUT
Drw - 3	PURLIN's MEMBER's LAYOUT & DETAILS

21/11/2023

PROJECT BY:-
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Unnao 209806 Kanpur Uttar Pradesh

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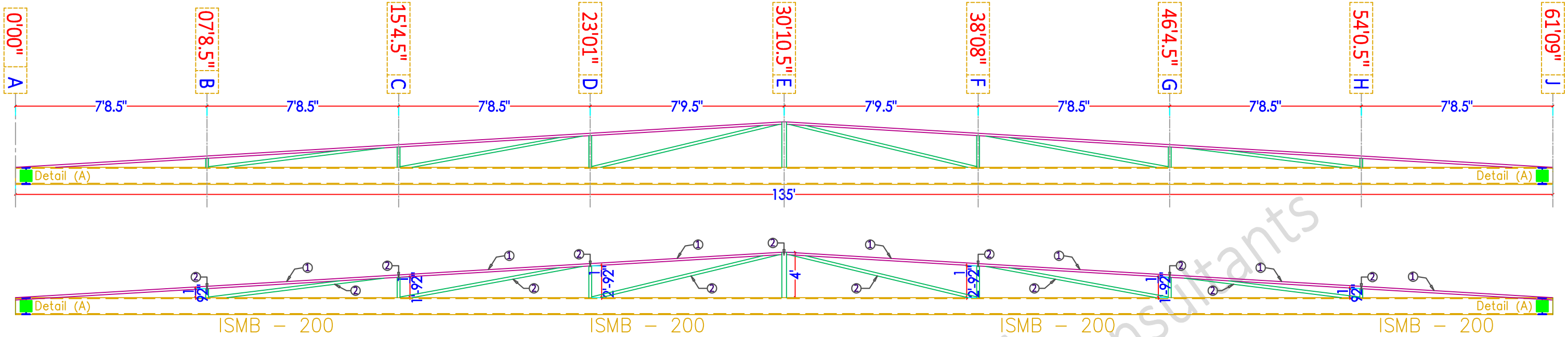

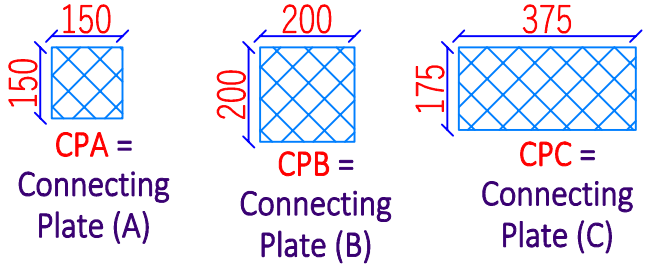

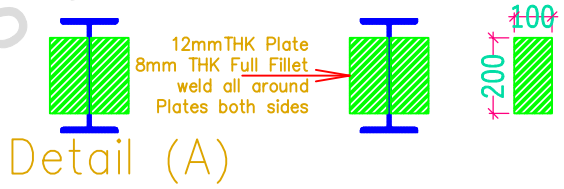

1 = ISA - 120*120*12

2 = ISA - 100*100*8

8mm THK Full fillet weld all around

SCALE - NTS | R-0 | *A3 PRINTS* | SHEET - 50 | TRUSS CONNECTION & DETAILS | G+5 Community hall @ Unnao UP

NOTES

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SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	Drw Table
Drw - 1	TRUSS DETAILS
Drw - 2	TRUSS LAYOUT
Drw - 3	TRUSS CONNECTION DETAILS

21/11/2023

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