

- 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 than 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.

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

- 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.

GENERAL NOTES

- 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 Nos 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.

- 1 - CONTRACTOR/EXECUTION TEAM CHECK DIMENSIONS & VERIFY BEFORE THE EXECUTION OF WORK.
- 2 - FIGURES & DIMENSIONS TO BE FOLLOWED.
- 3 - ALL DIMENSIONS ARE FEET'S & INCH'S UNTIL & UNLESS SPECIFIED.
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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) 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).

- 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.

CODES USED FOR DESIGNING

- (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.

- IS : 456 - INDIAN STANDARD CODE OF PRACTICE FOR PLAN & 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, 11, 111, & V) - INDIAN STANDARD CODE OF PRACTICE FOR DESIGN LOADS
- IS : 1893-2002 - INDIAN STANDARD CODE OF PRACTICE FOR EARTHQUAKE RESISTANCE DESIGN OF STRUCTURE

APPROVAL
 TENDER
 G.F.C
 DOCUMENT

SCALE - NTS	R-0
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- 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.

SHEET - A GENERAL LAW'S		IISE INSTITUTE - Lucknow UP	
SHEET TITLE	GOOD FOR CONSTRUCTION	PROJECT BY:-	
Drw No	LIST OF CONTENT	Hasan & Kushal Architects Team	
Drw - 1	Reinforcement Details As Per IS : 456	81-316, Studio DLF My Pad Vibhuti Khand, Gomtnagar Lucknow	
Drw - 2	Concrete Law's		
Drw - 3	General Law's		
CHK	DRW	HRK_Designs Structure Consultants India PVT.LTD	
AKA	PH	Structure + MEP Consultants	
HRK/Ar_H&K/GFC/13/11/22		Varanasi Bagel Road TPO C/01, Sector V, Vadodra - 390011	
HRKD/13/03/08/2022		www.hrkdsgn.in	
		+91-9380 930 347	

INDEX

S-1	Plot line Details
S-2-6	Center line Details
S-7	Col's & Ped's C/S Details
S-8-11	Foot's Plan & Details
S-12	PB Plan & Details
S-13-16	GF Beam Plan & Details
S-17-20	FF Beam Plan & Details
S-25-28	SF Beam & Slab Details

*****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 than 20 to 25mm else it should be brought under notice before usage
- Fine Aggregate shall be proper dry yellow silt sand having sharp edges, 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, Alkalies, 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 & Conceting 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 concreting.
- Curing Should be done mini 3times in 1day
- Any changes as per the site conditions & Situations should be immediately brought under Architect/Structure 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

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 TITLE	GOOD FOR CONSTRUCTION	PROJECT BY:-
Drw No	LIST OF CONTENT	Hasan & Kushal Architects Team
Drw - 1	INDEX	
Drw - 2	GENERAL STRUCTURE	
Drw - 3	GRADE OF CONCRETE	

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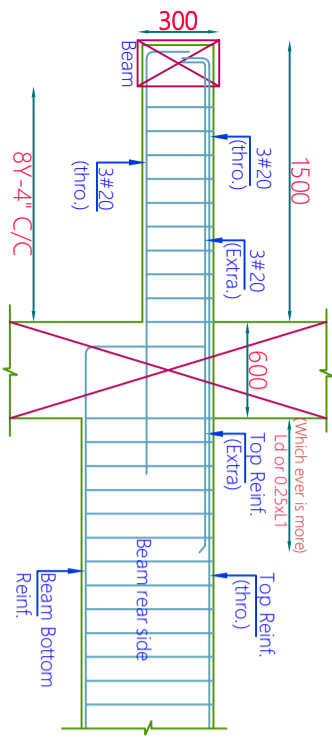
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CHK	DRW	HRK_Designs Structure Consultants
AKA	PH	India PvtLTD India's Leading Structure + MEP Consultants
HRK/Ar./H&K/GFC/13/11/22		Varna Bayal Road 172 Coor Sewali Vardola - 390011 www.hrkdsgns.in hrknaite@hrkdsgns.in +91-9380 930 347
HRKD/13/03/08/2022		

CODES USED FOR DESIGNING

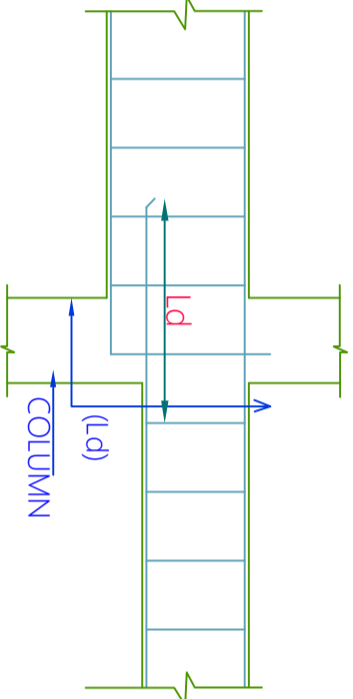
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GENERAL NOTES

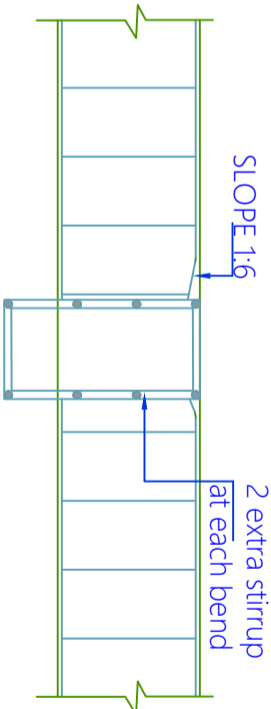
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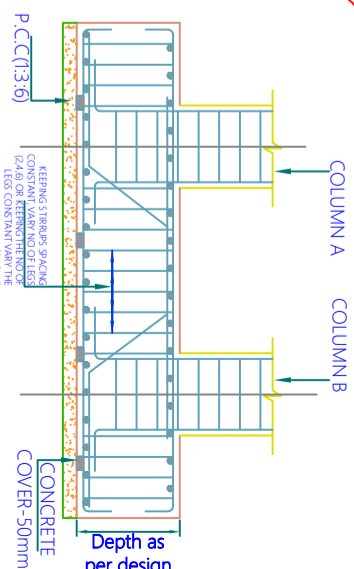
L-SEC. OF CANTILEVER BEAM



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



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



FOOTING BEAM

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.

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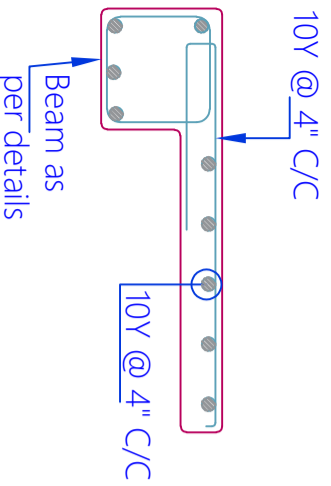


Fig-7:- Reinforcement Details for lintel cum Sunshade

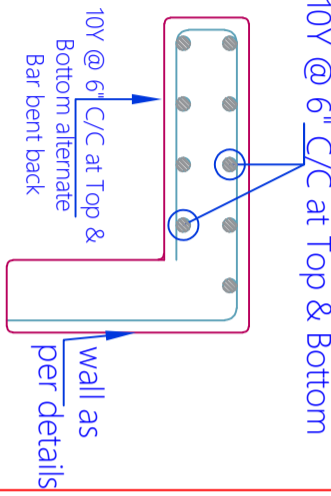


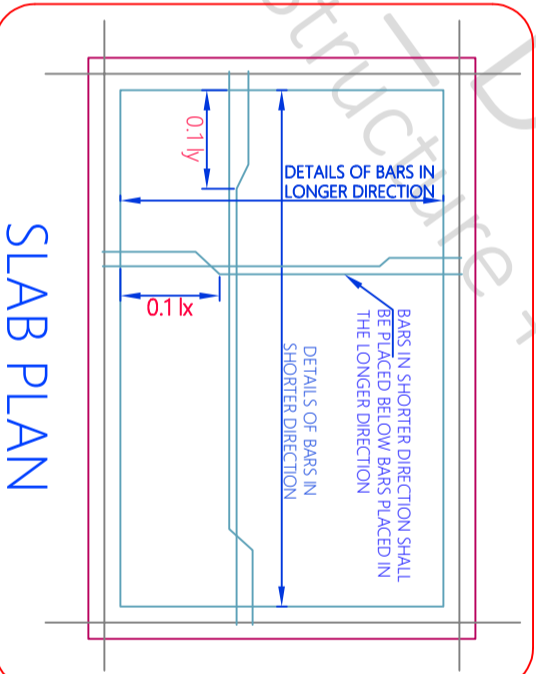
Fig-4:- Typical Slab Section for all the floors

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

DESIGN LOAD :-

1. LOADS :	3. ALLOWABLE DEFLECTION FACTOR :
ROOF LIVE LOAD..... 2.0 kPa	FOR ROOF : LIVE LOAD = L/360
BEAMS LIVE LOAD..... 3.0 kPa	TOTAL LOAD = L/240
ROOF DEAD LOAD..... 1.5 kPa	
FLOOR DEAD LOAD..... 2.5 kPa	FOR FLOOR : LIVE LOAD = L/360
LIVE LOADS	TOTAL LOAD = L/240
BED ROOM, LIVING ROOM..... 3.0 kPa	
TILET 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+3 (School Building) Storey Structure only



SLAB PLAN

All rubbish, particularly, chipping, shavings and saw dust shall be removed from the interior of the 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

APPROVAL	
TENDER	
G.F.C	
DOCUMENT	

SHEET - D GENERAL FIGURES

SHEET TITLE GOOD FOR CONSTRUCTION

PROJECT BY:- Hasan & Kushal Architects Team

LIST OF CONTENT

Reinforcement Details As Per IS 456

General Figure's & Specification

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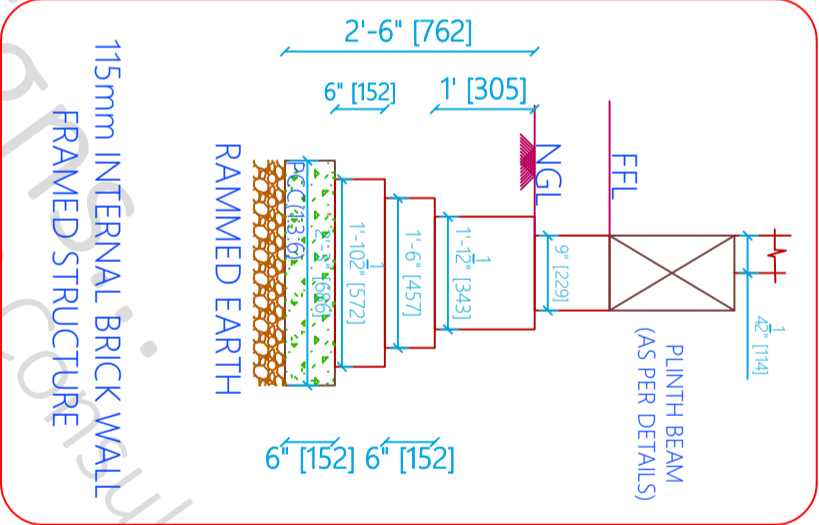
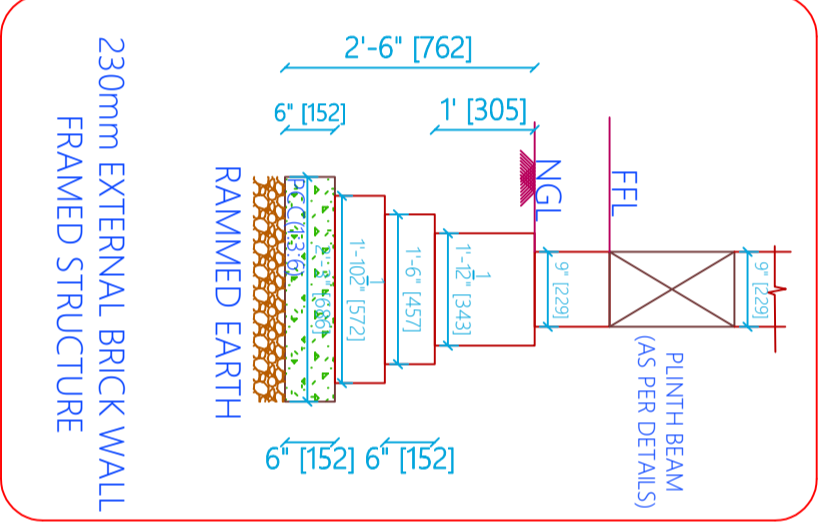
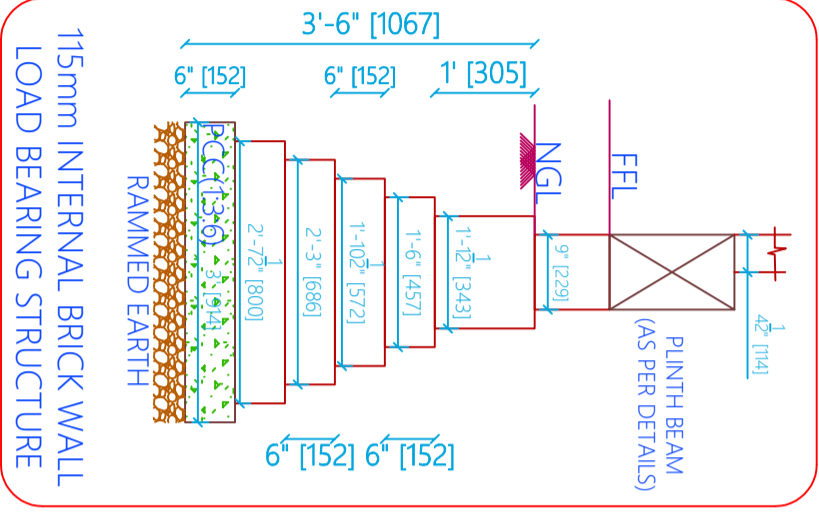
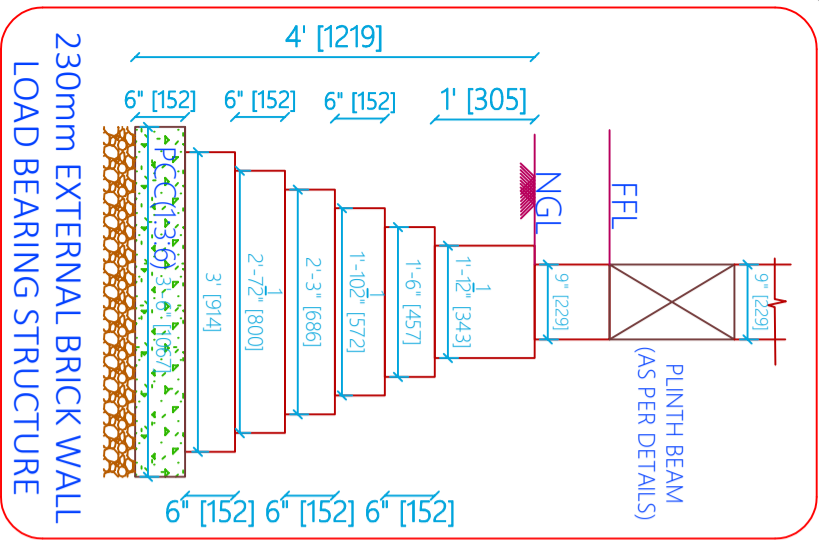
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CHK DRW PH

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HRK/13/03/08/2022

HRK Designs Structure Consultants India Pvt.Ltd



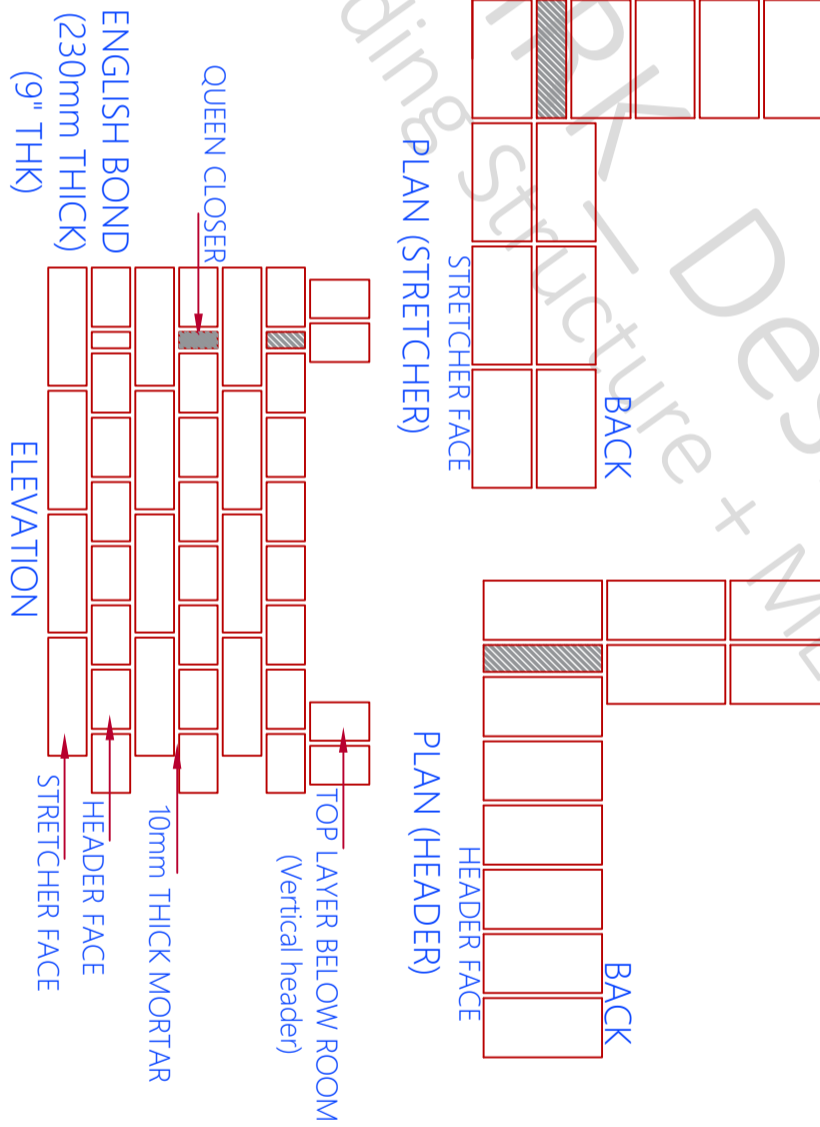
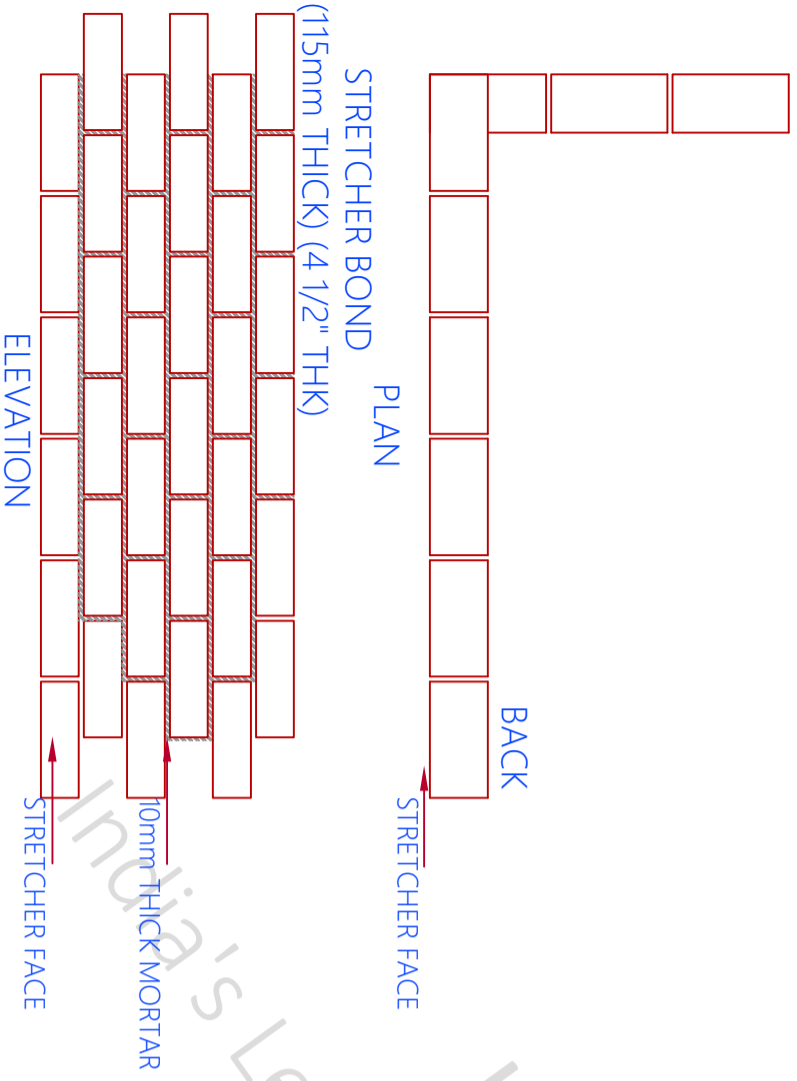
- RATIO - APPLICATION**
- 1:6 - INTERNAL PLASTER/ FLOORING
 - 1:6 - BRICK MASONRY
 - 1:5 - EXTERNAL PLASTER
 - 1:4 - HALF BRICK MASONRY
 - 1:3 - CEILING PLASTER
 - 1:3 - REPAIR PLASTER
 - 1:3 - REINFORCED BRICK WORK
 - 1:3 - WATER LOGGED AREA
 - 1:1 - CEMENT GROUTING
 - 1:2 - POINT LOAD
 - 1:2 - FLOORING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

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SECTION A-A'

SECTION B-B'

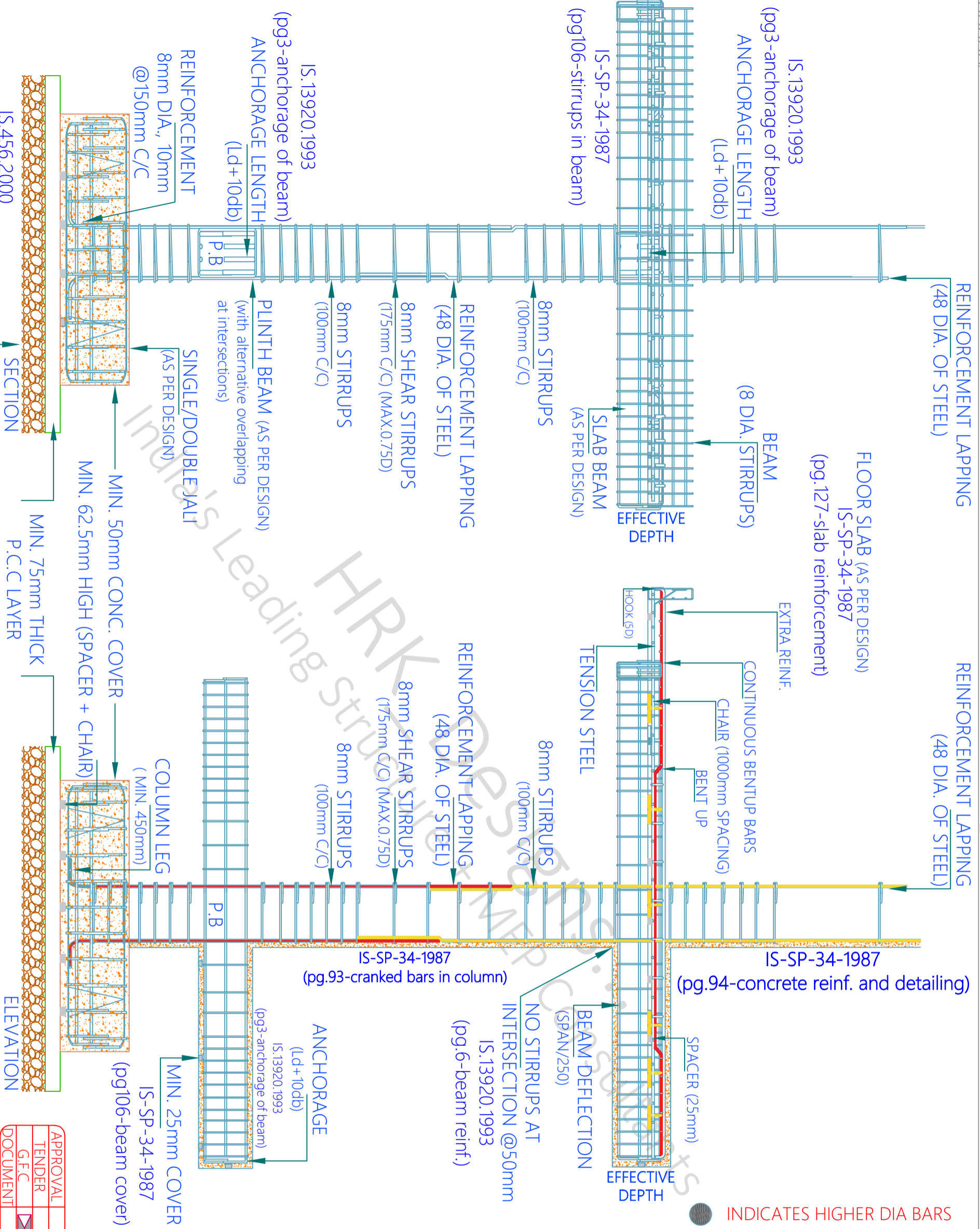
- 1-The color of bricks should be bright and uniform
- 2-They should be well burned and having smooth surfaces and sharp edges.
- 3-Thermal conductivity of bricks should be less and they should be sound proof
- 4-They shouldn't absorb more than 20% by weight when we place it in water
- 5-There should 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 from 1m height
- 9-There should not be any white deposits on brick, when we soak it in water for 24hrs

SHEET - E GENERAL FIGURES		IISE INSTITUTE - Lucknow UP	
SHEET TITLE GOOD FOR CONSTRUCTION		PROJECT BY:-	
Drw No LIST OF CONTENT		Hasan & Kushal Architects Team	
Drw - 1 Reinforcement Details As Per IS 456		81-316, Studio DLF My Pad Vibhuti Khand, Gomtinagar Lucknow	
Drw - 2 General Figure's & Specification			
Drw - 3			

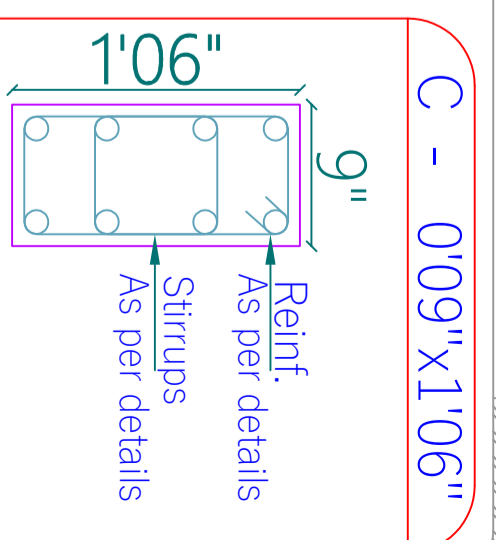
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TENDER	
G.F.C	
DOCUMENT	

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AKA	PH
HRK/Ar. H&K/GFC/13/11/22	HRK/Ar. H&K/GFC/13/11/22
HRKD/13/03/08/2022	HRKD/13/03/08/2022





● INDICATES HIGHER DIA BARS
○ INDICATES SMALLER DIA BARS



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

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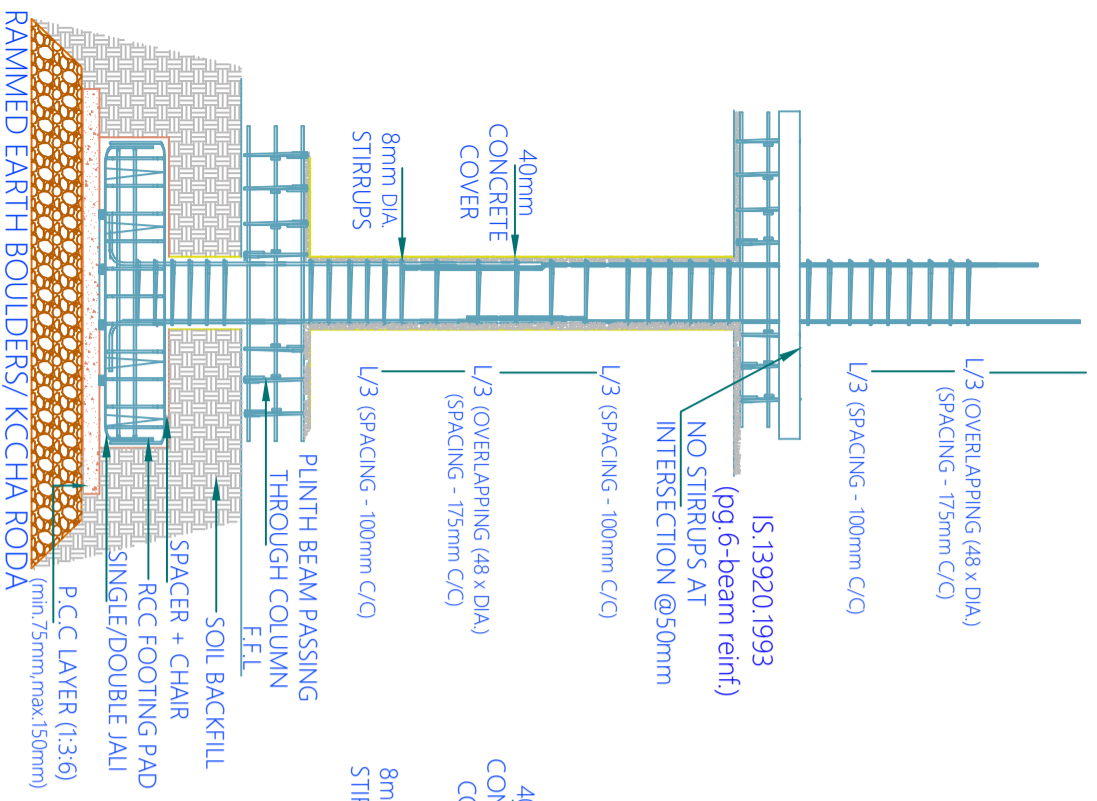
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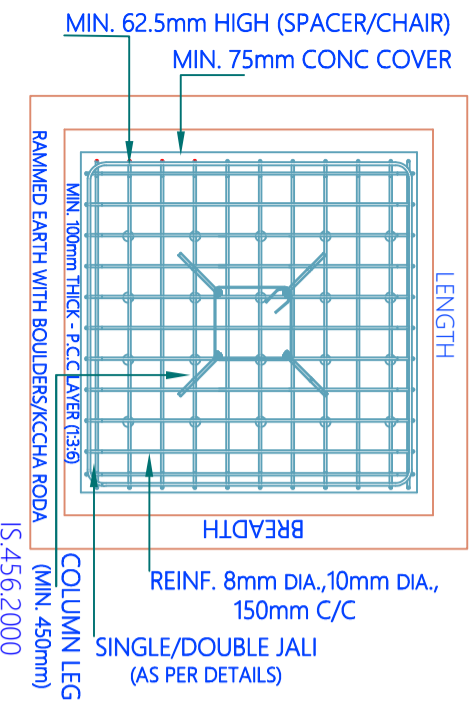
SHEET - F GENERAL FIGURES

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Draw No	LIST OF CONTENT	PROJECT TITLE	Reinforcement Details As Per IS 456
Draw - 1	Reinforcement Details As Per IS 456	PROJECT AKA	PH
Draw - 2	General Figure's & Specification	SCALE - NTS	R-0
Draw - 3		CHK	DRW

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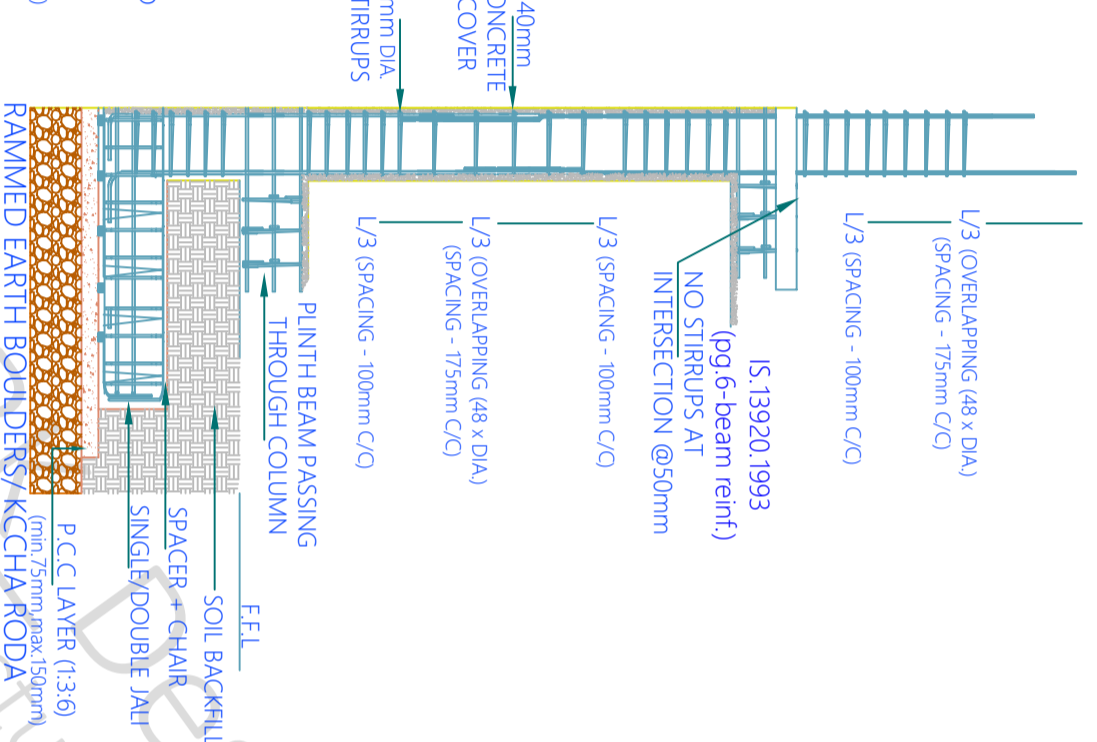
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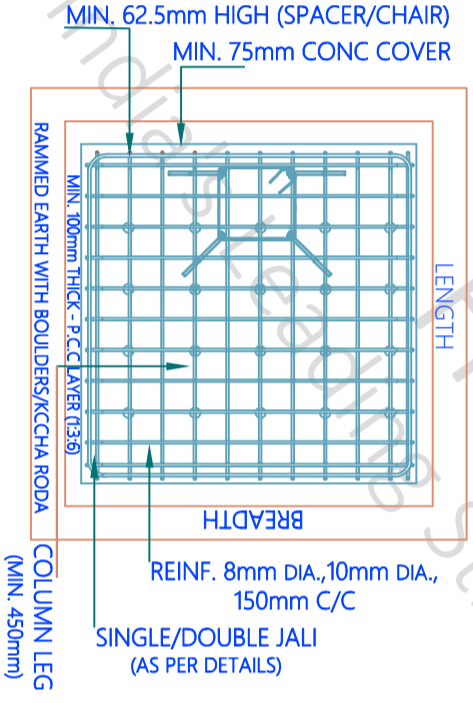
PLAN

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

ISOLATED FOOTING

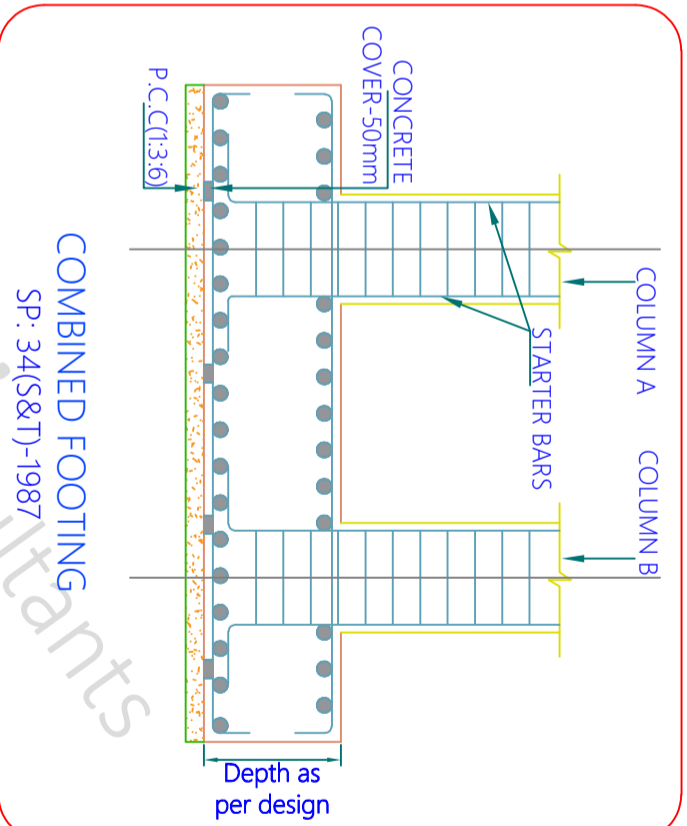


ELEVATION



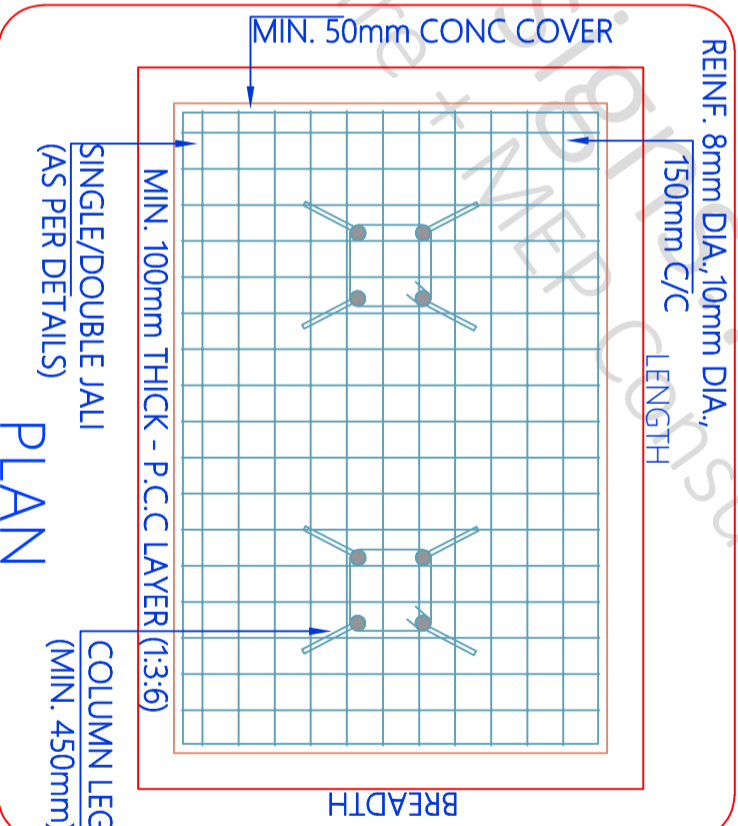
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ECCENTRIC FOOTING

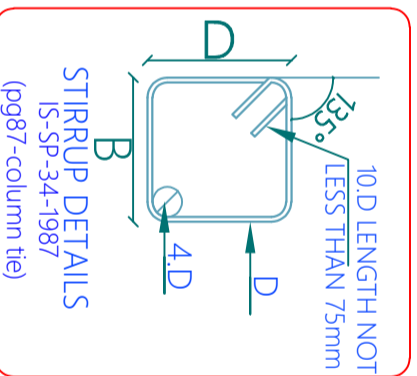


COMBINED FOOTING

SP: 34(S&T)-1987



PLAN



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G.F.C	
DOCUMENT	

SHEET - G GENERAL FIGURES

USE INSTITUTE - Lucknow UP

SCALE - NTS

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

PROJECT BY:-
Hasan & Kushal Architects Team
B1-316, Studio DLF Wv, Pad Vibhuti Khand, Gomtinagar Lucknow

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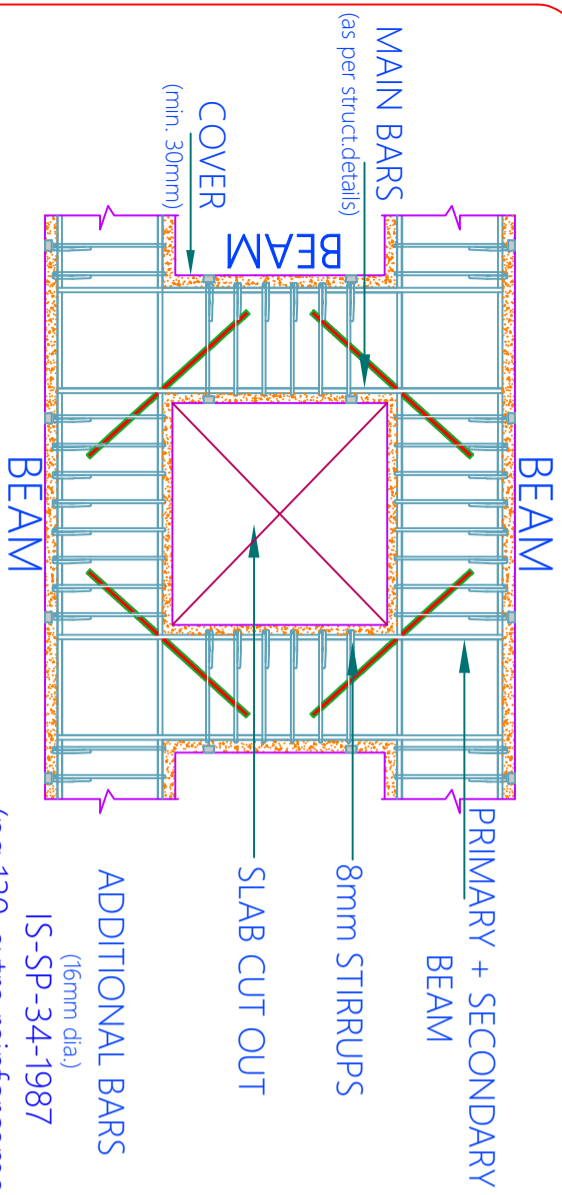
As per IS Code 456-2000
Overlapping length
should not be less than
75mm. Lapping should be
avoided in tensile zone of
construction members.
Overlapping length of
Reinf. Column 48d.
Beam 50d
Slab 50d

GENERAL NOTES

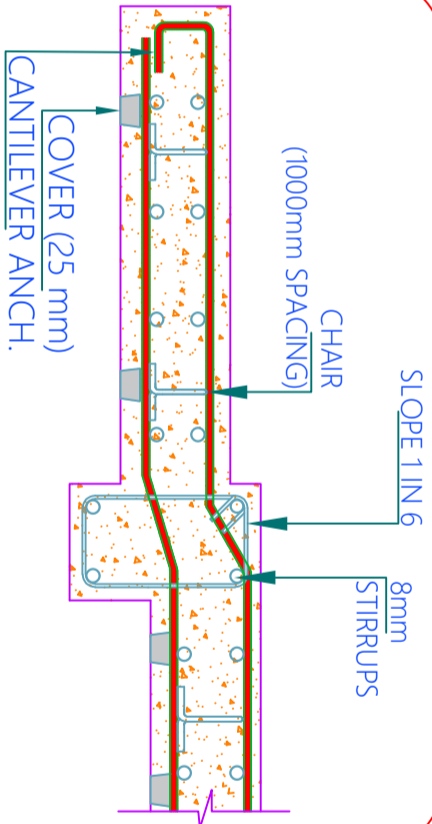
- 1 - CONTRACTOR/EXECUTION TEAM CHECK DIMENSIONS & VERIFY BEFORE THE EXECUTION OF WORK.
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CODES USED FOR DESIGNING

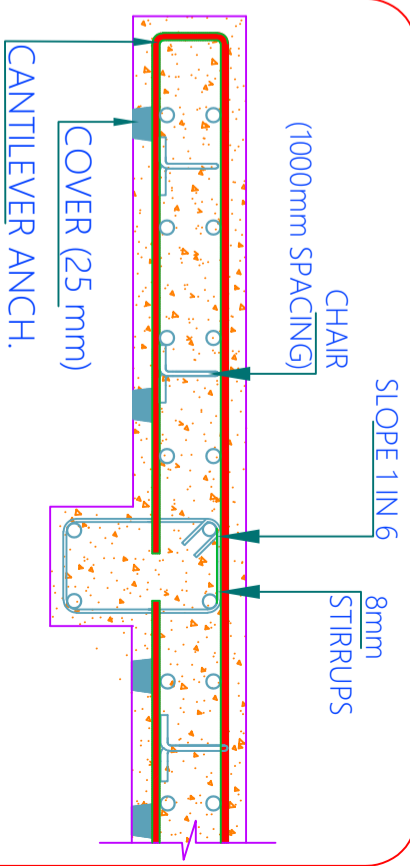
- IS : 456 - INDIAN STANDARD CODE OF PRACTICE FOR PLAN & REINFORCED CONCRETE
- IS : 800-2007 - INDIAN STANDARD CODE OF PRACTICE FOR GENERAL CONSTRUCTION IN STEEL
- IS : 801-1975 - INDIAN STANDARD CODE OF PRACTICE FOR USE OF COLD FORMED LIGHT GAUGE STEEL STRUCTURAL MEMBERS IN GENERAL BUILDING CONSTRUCTION
- IS : 875-1987 - PART (1, 11, 111, & V) - INDIAN STANDARD CODE OF PRACTICE FOR DESIGN LOADS
- IS : 1893-2002 - INDIAN STANDARD CODE OF PRACTICE FOR EARTHQUAKE RESISTANCE DESIGN OF STRUCTURE



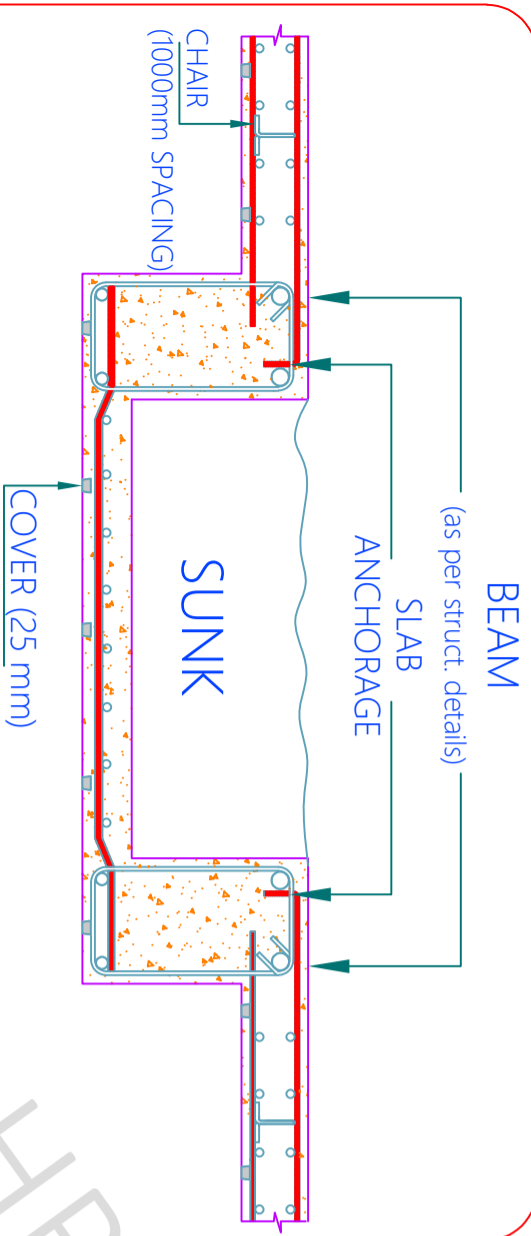
SLAB CUTOFF DETAILS



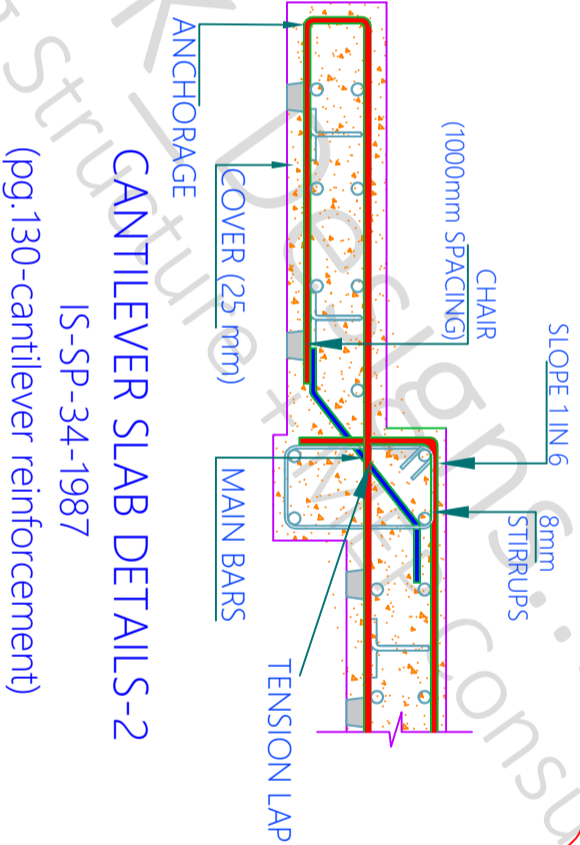
CANTILEVER SLAB DETAILS



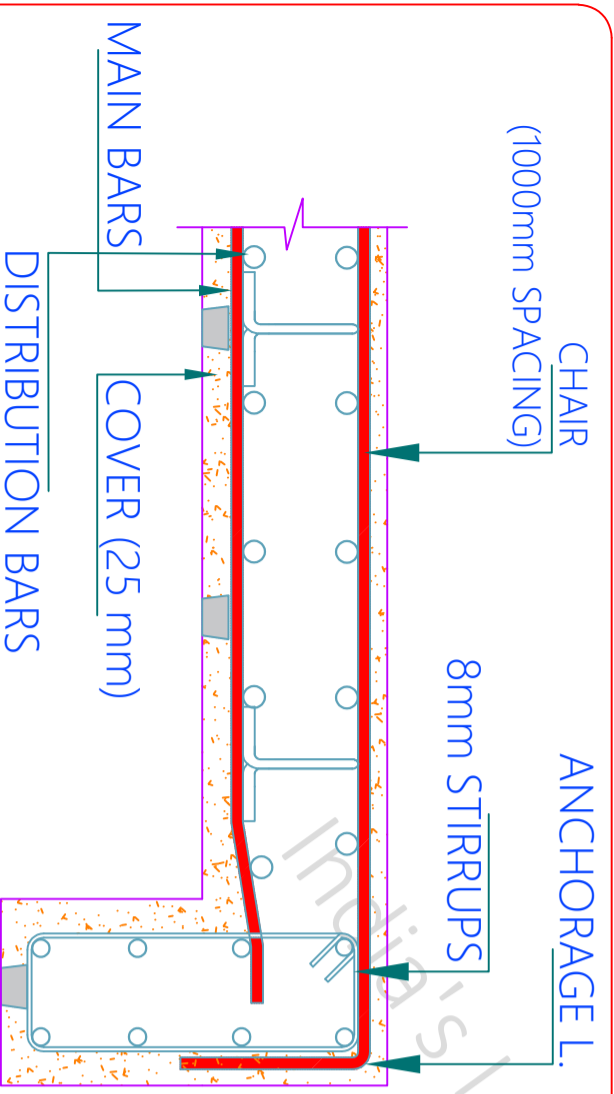
CANTILEVER SLAB DETAILS-3



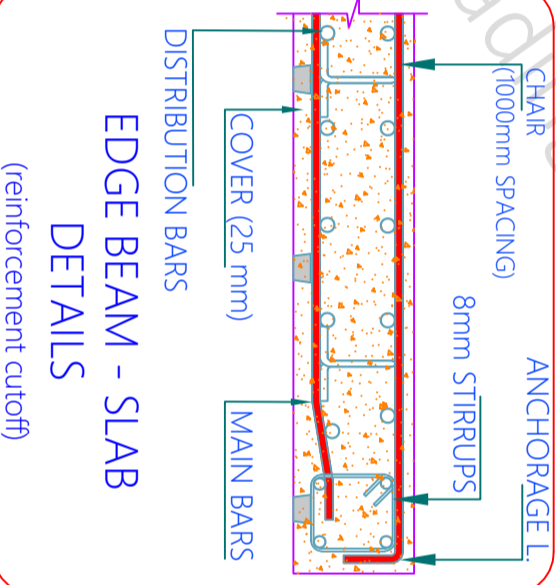
SUNKEN SLAB DETAILS



CANTILEVER SLAB DETAILS-2



EDGE BEAM - SLAB DETAILS



EDGE BEAM - SLAB DETAILS

GENERAL NOTES

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SHEET - H GENERAL FIGURES

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 :-

Hasan & Kushal Architects Team

81-316, Studio DLF Myr Pad Vibhuti Khand, Gomtinagar Lucknow

SCALE - NTS

CHK DRW

AKA PH

HRK/Ar./H&K/GFC/13/11/22

HRKD/13/03/08/2022

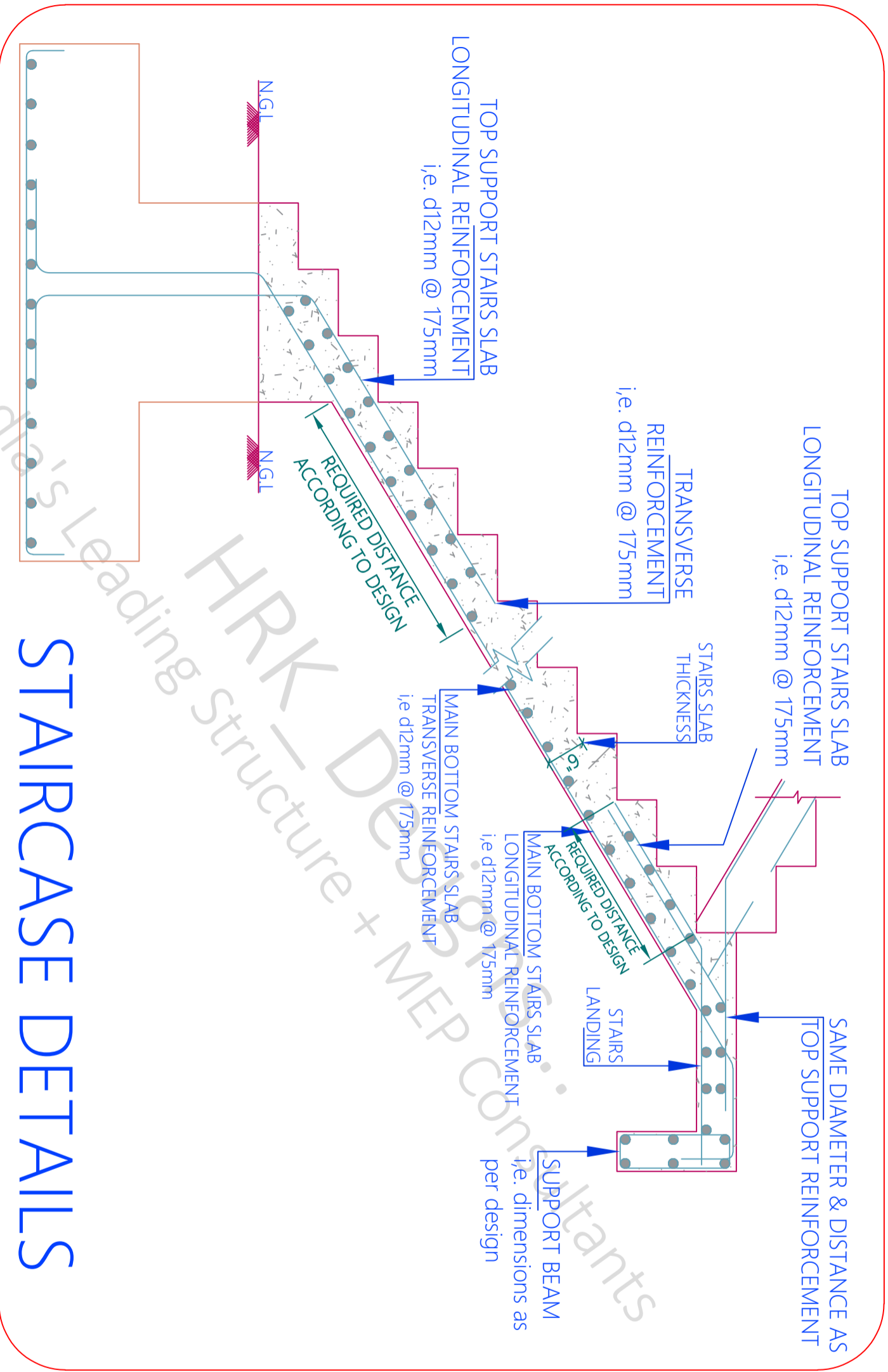
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SHEET - I GENERAL FIGURES'S

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SCALE - NTS

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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:-
Hasan & Kushal
Architects Team
B1-316, Studio DLF Wv, Pad Vibhuti
Khand, Gomtnagar Lucknow

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HRKD/13/03/08/2022	

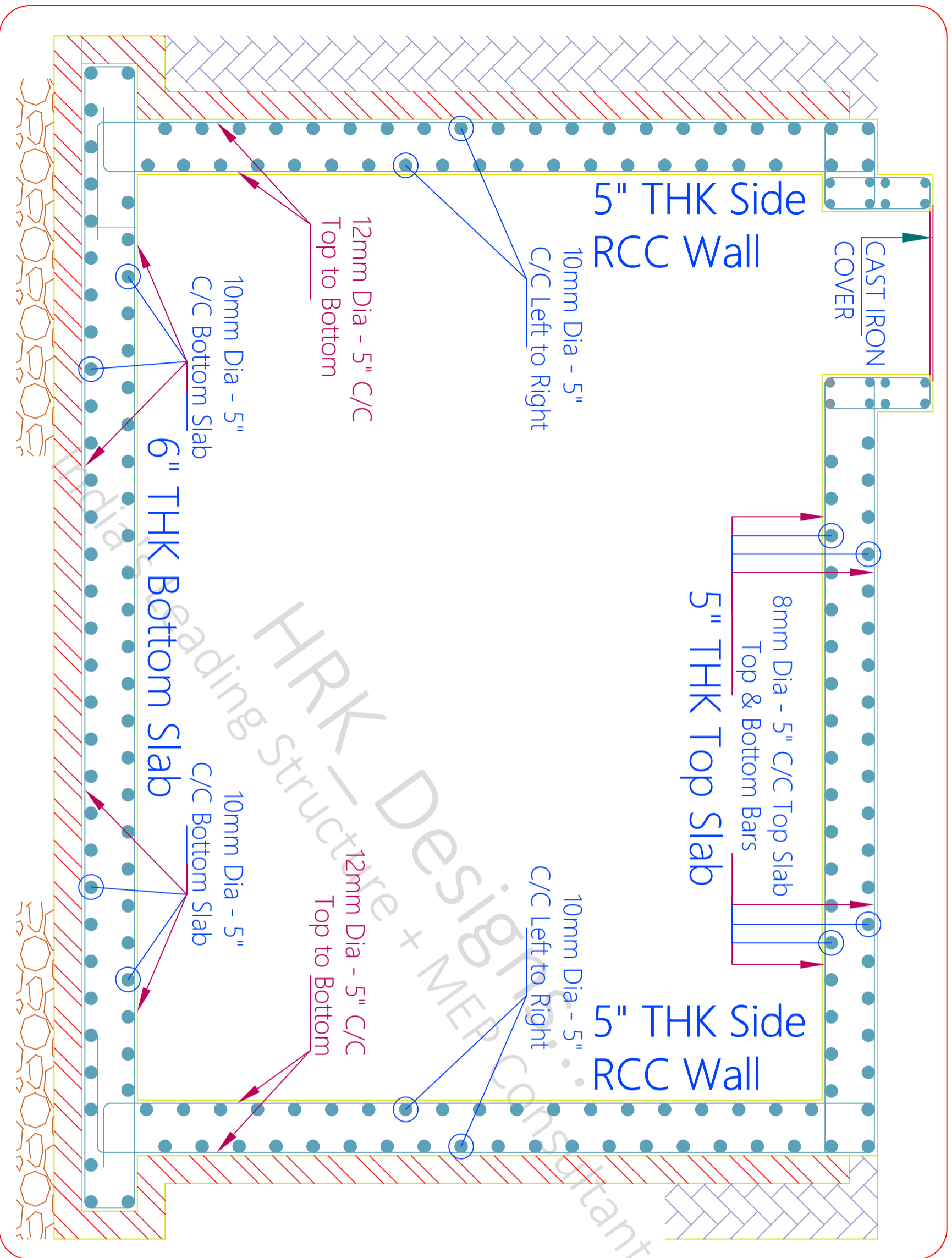
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FRAMED MEMBERS:
 General requirements- IS13920:1993

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 1/4 of the clear span.

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SHEET - J GENERAL FIGURES	USE INSTITUTE - Lucknow UP
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SHEET TITLE	GOOD FOR CONSTRUCTION	PROJECT BY:-	Hasan & Kushal Architects Team
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Drw No	LIST OF CONTENT	Drw - 1	Reinforcement Details As Per IS 456
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Drw - 2	General Figure's & Specification	Drw - 3	
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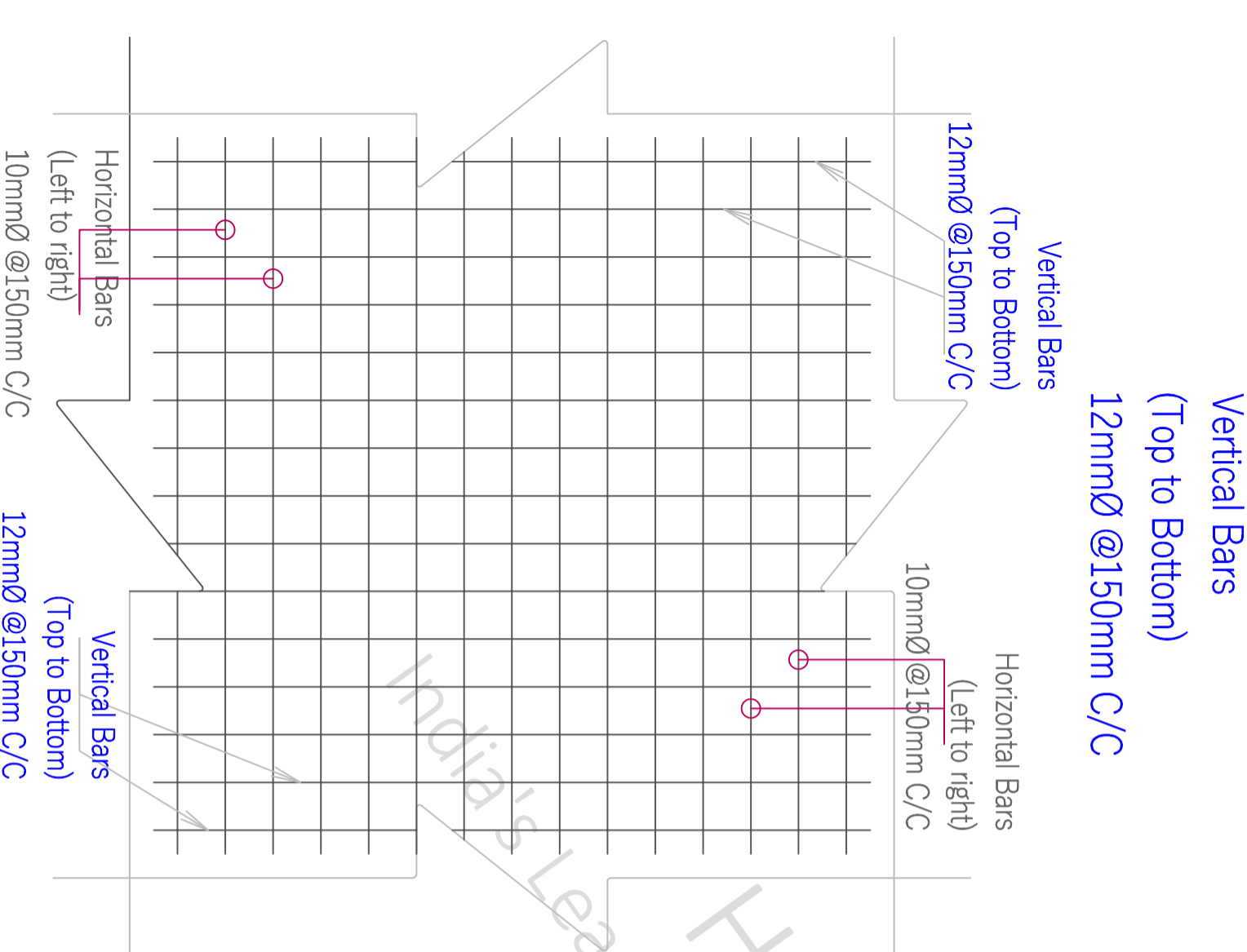
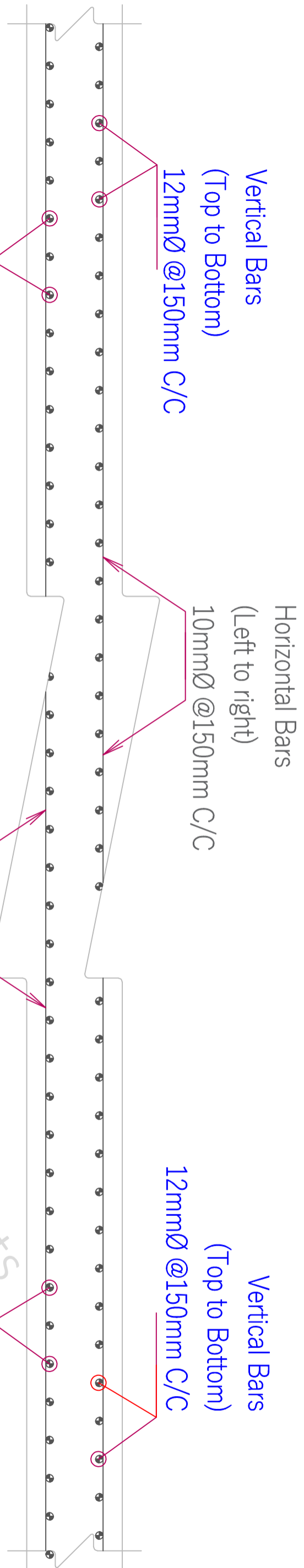
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AKA	PH	HRK/Ar./HR&K/GFC/13/11/22
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HRK/Ar./HR&K/GFC/13/11/22	HRK/13/03/08/2022
---------------------------	-------------------



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



A WALL PLAN C/S DETAILS

Vertical Bars (Top to Bottom)
12mmØ @150mm C/C

Horizontal Bars (Left to right)
10mmØ @150mm C/C

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DOCUMENT	

SHEET - K GENERAL FIGURES

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SCALE - NTS

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SHEET TITLE	GOOD FOR CONSTRUCTION	PROJECT BY:-
Drw No	LIST OF CONTENT	Hasan & Kushal Architects Team
Drw - 1	Reinforcement Details As Per IS 456	81-316, Studio DLF My Pad Vibhuti Khand, Gomtinagar Lucknow
Drw - 2	Shear C/S Details	
Drw - 3		

GENERAL NOTES

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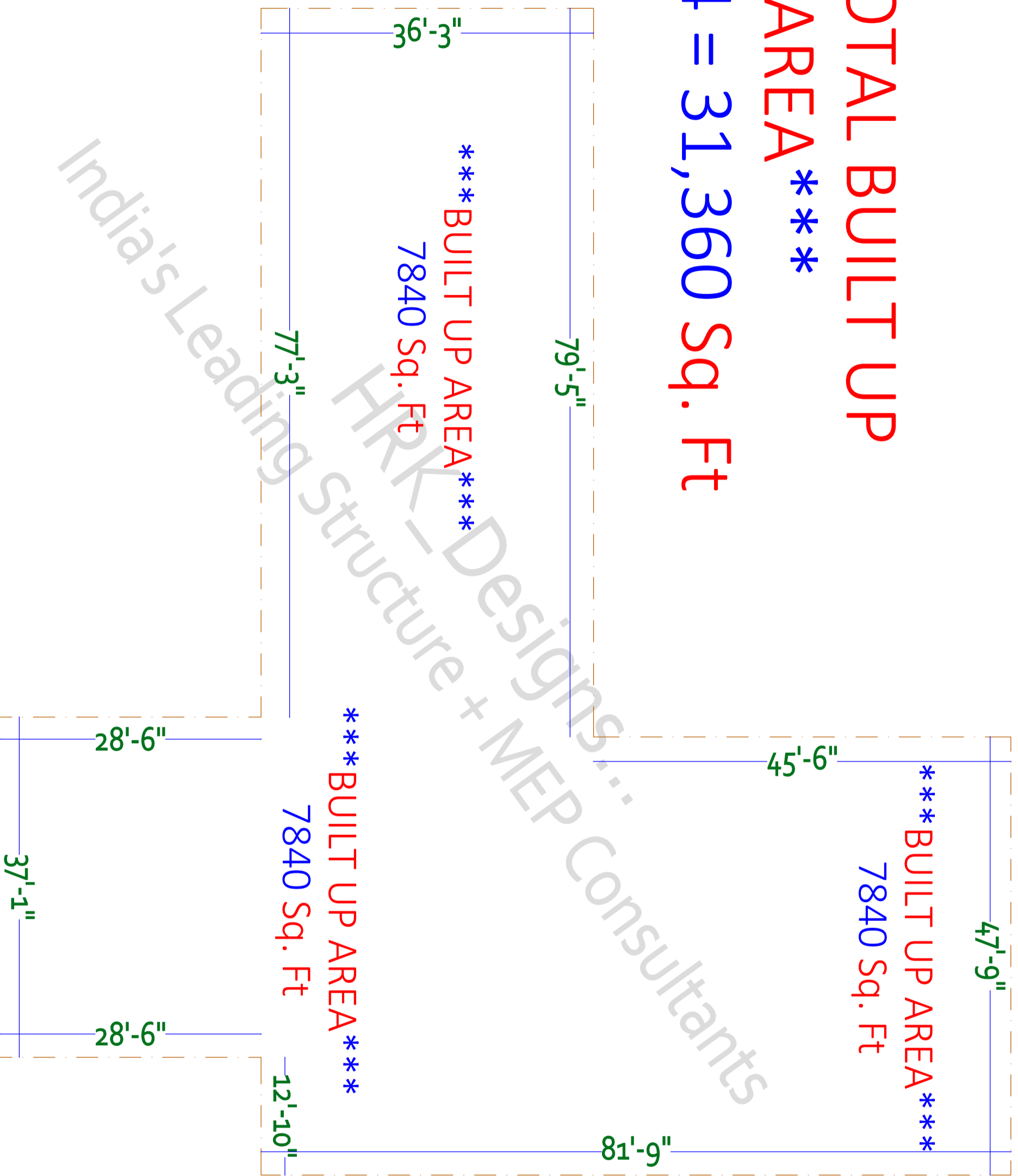
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*** TOTAL BUILT UP AREA ***

7840 * 4 = 31,360 Sq. Ft



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SHEET TITLE GOOD FOR CONSTRUCTION			
Drw No	Drw Table		
Drw - 1	COL'S PLAN & DETAILS		
Drw - 2	COL'S C/S DETAILS		
Drw - 3			

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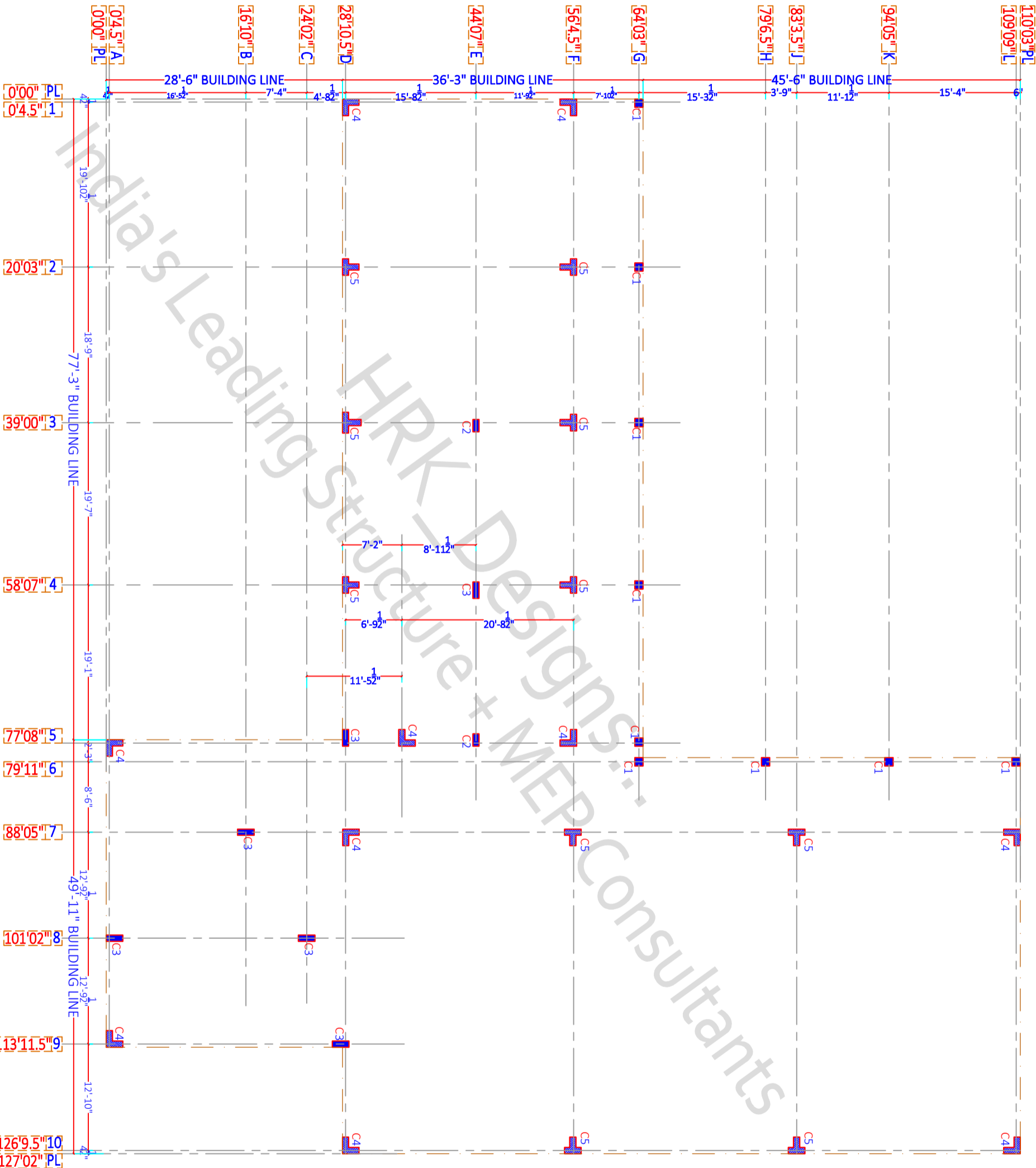
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- C1 - 9No's - 1'00" x 1'00"
- C2 - 2No's - 9" x 1'06"
- C3 - 6No's - 9" x 2'00"
- C4 - (L Col) 10No's - (9" x 2'00") + (2'00" x 9")
- C5 - (T Col) 10No's - (9" x 2'00") + (2'00" x 9")



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SHEET - 3

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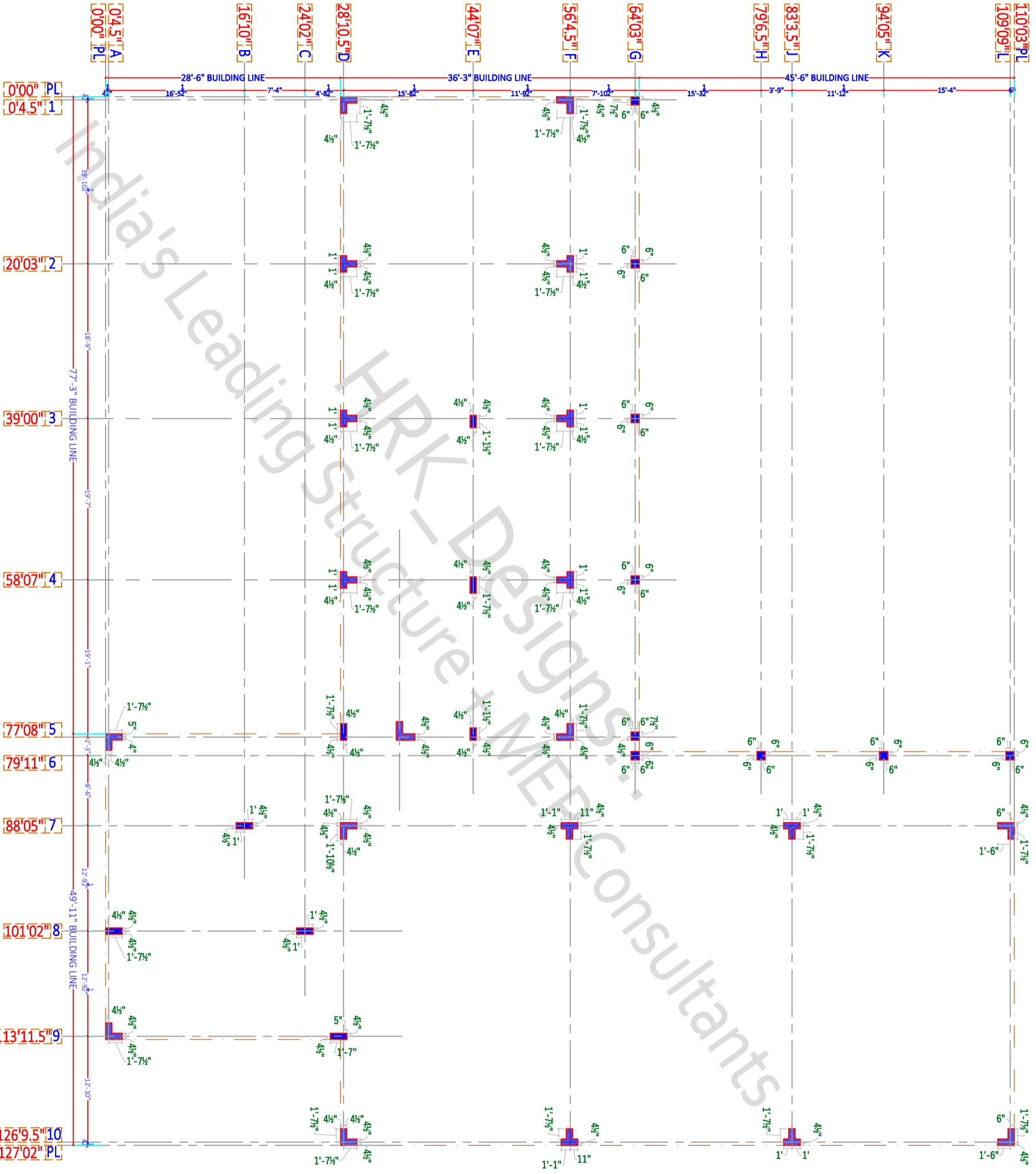
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Drw - 3

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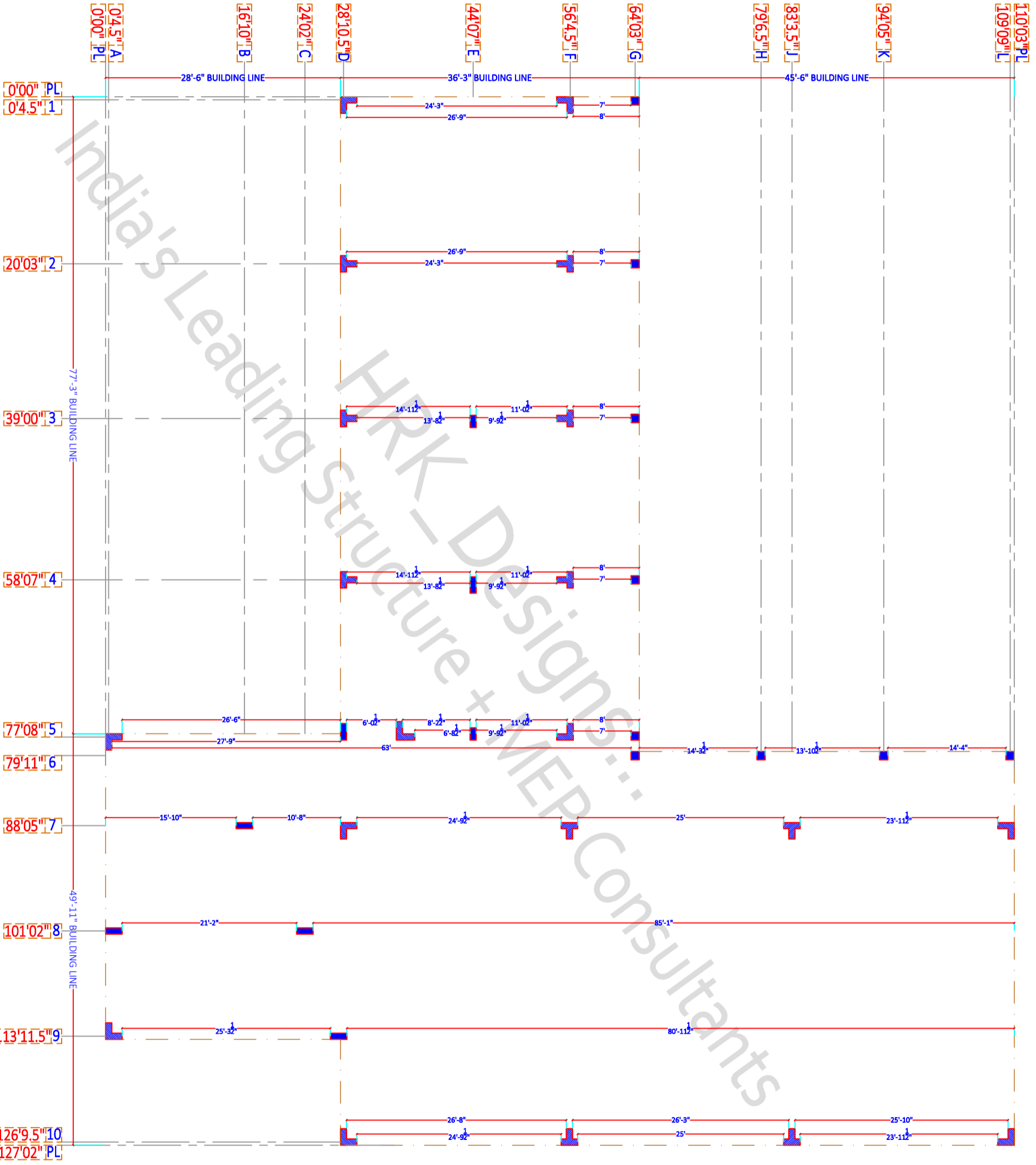
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SCALE: NTS R-0 *A3 PRINTS*

SHEET - 5

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Drw No	Drw Table
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Drw - 2	COL'S C/S DETAILS
Drw - 3	

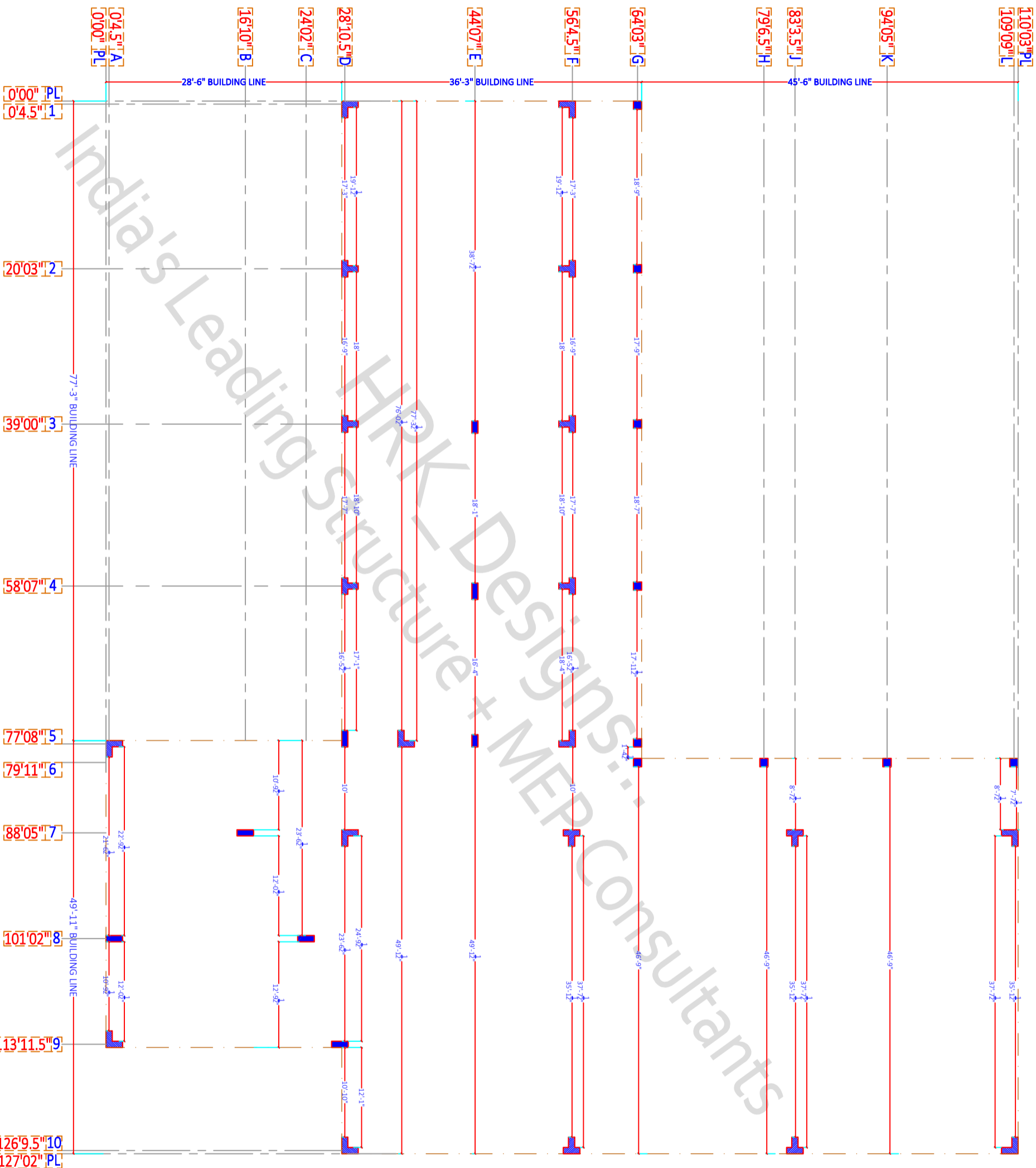
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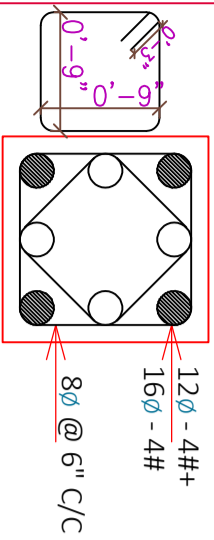
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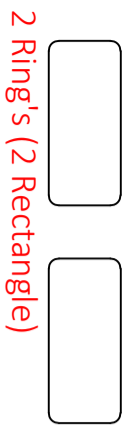
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C1 - 9No's - 1'00" x 1'00"

C1 - 1'00" x 1'00"

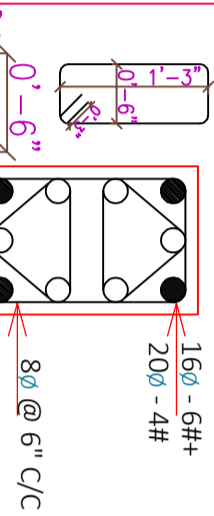


C1 - 1'00" x 1'00" - 1.35%



C2 - 2No's - 9" x 1'06"

C2 - 0'09" x 1'06"

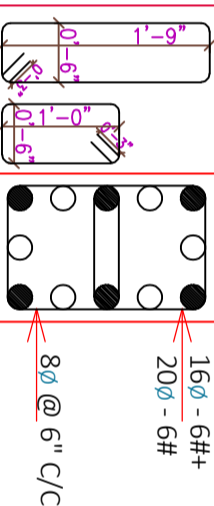


C2 - 0'09" x 1'06" - 2.30%



C3 - 6No's - 9" x 2'00"

C3 - 0'09" x 2'00"

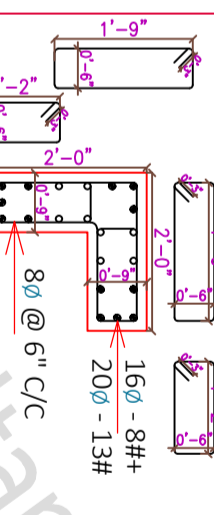


C3 - 0'09" x 2'00" - 1.65%



C4 - (L Col) 10No's - (9" x 2'00") + (2'00" x 9")

C4 - "L" - Size as per details

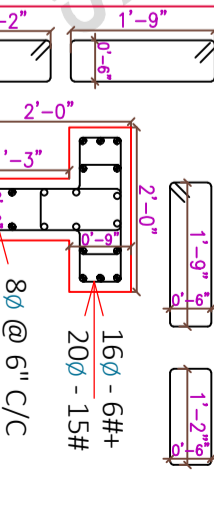


C4 - "L" - (0'09" x 2'00") x (2'00" x 0'09")

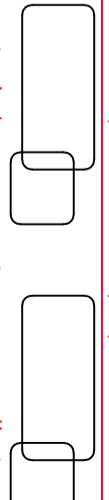


C5 - (T Col) 10No's - (9" x 2'00") + (2'00" x 9")

C5 - "T" - Size as per details



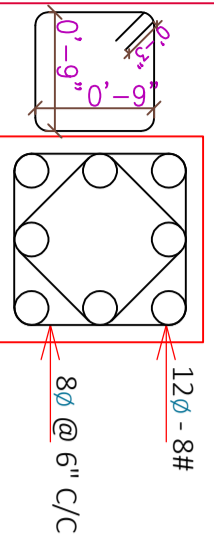
C5 - "T" - (0'09" x 2'00") x (2'00" x 0'09")



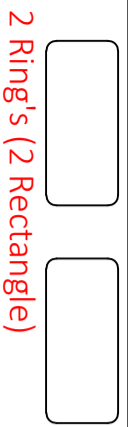
Col's Details for SF + 3F + SC + LR Slab LVL only

C1 - 9No's - 1'00" x 1'00"

C1 - 1'00" x 1'00"

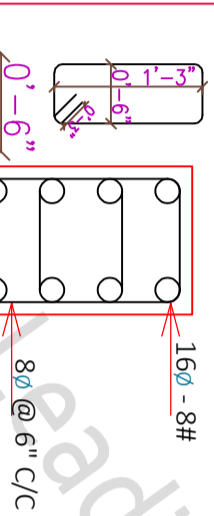


C1 - 1'00" x 1'00" - 1.00%



C2 - 2No's - 9" x 1'06"

C2 - 0'09" x 1'06"

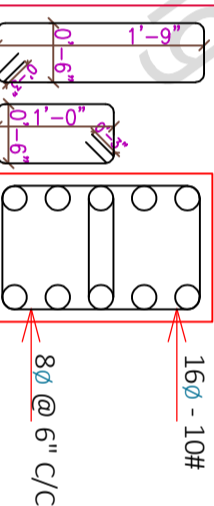


C2 - 0'09" x 1'06" - 1.55%



C3 - 6No's - 9" x 2'00"

C3 - 0'09" x 2'00"

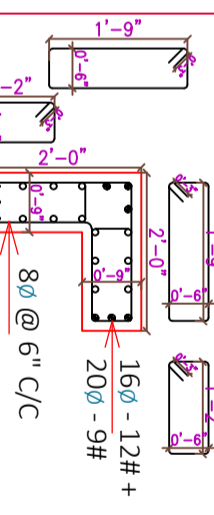


C3 - 0'09" x 2'00" - 1.35%



C4 - (L Col) 10No's - (9" x 2'00") + (2'00" x 9")

C4 - "L" - Size as per details

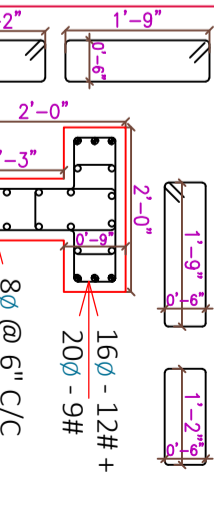


C4 - "L" - (0'09" x 2'00") x (2'00" x 0'09")

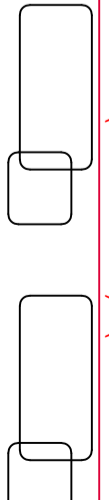


C5 - (T Col) 10No's - (9" x 2'00") + (2'00" x 9")

C5 - "T" - Size as per details



C5 - "T" - (0'09" x 2'00") x (2'00" x 0'09")



SITE NOTES
IF ANY

08/03/2022

SCALE - NTS

R-0 *A3 PRINTS*

SHEET - 7

Col's & Ped's C/S Details

SHEET TITLE GOOD FOR CONSTRUCTION

Draw No

Col's C/S Details

Draw Table

Draw - 1

Col's C/S Details

Draw - 2

Col's Reinfⁿ Details

Draw - 3

Archi Sign & Stamp

HRK DESIGNS STRUCTURE CONSULTANTS INDIA PVT LTD

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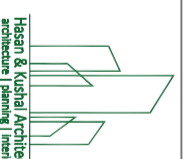
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Structure Sign & Stamp

HRK DESIGNS STRUCTURE CONSULTANTS INDIA PVT LTD

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08.03.2022



Hasan & Kushal Architects
architecture | planning | interiors

CHK

AKA

DRW

PH

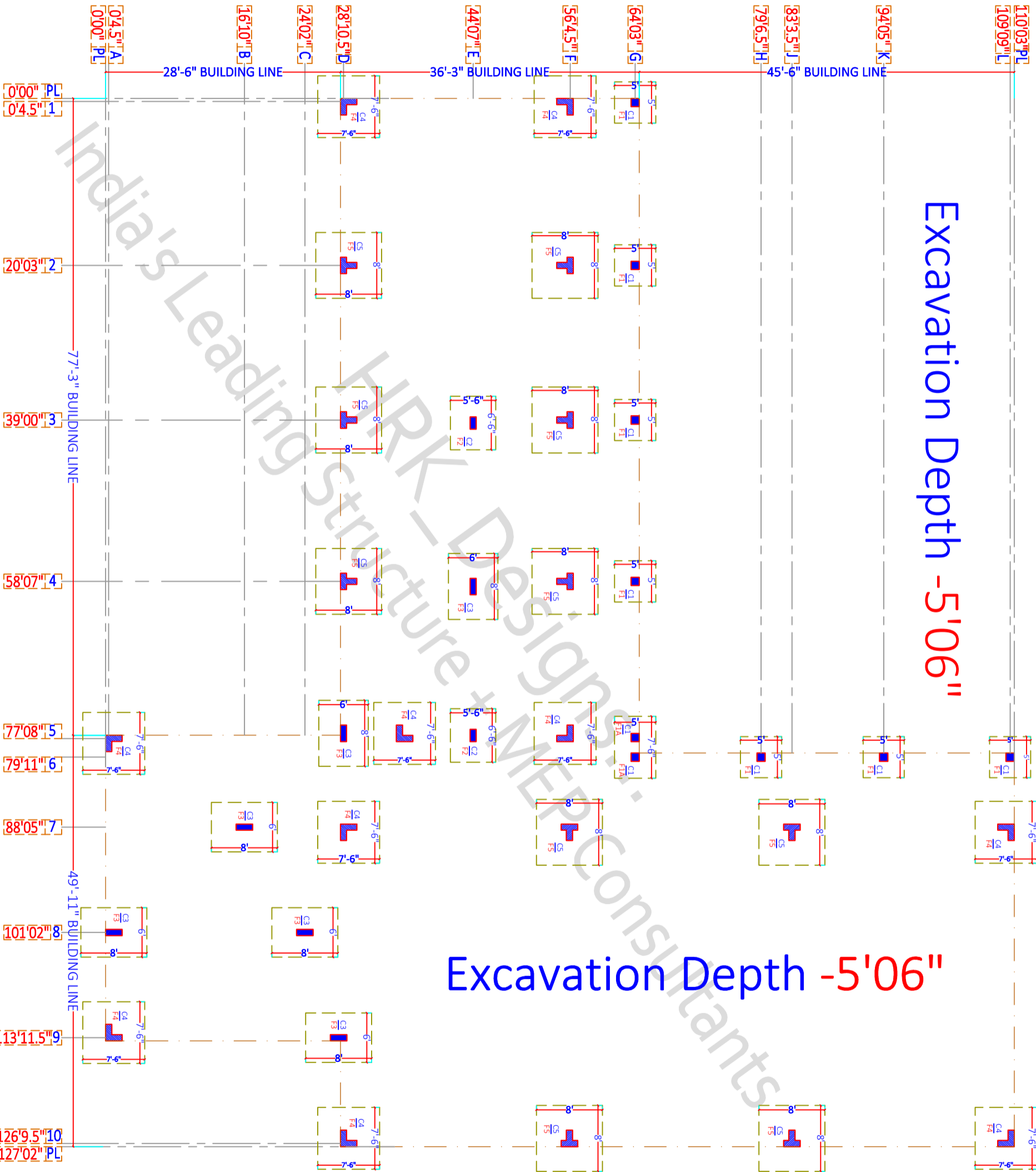
HRK/Ar-H&K/GFC/13/11/22

HRKD/13/03/08/2022

Excavation Depth -5'06"

Excavation Depth -5'06"

- F1 - 7No's - 5'00" x 5'00"
- F1A - 1No's - 7'06" x 5'00"
- F2 - 2No's - 5'06" x 6'06"
- F3 - 6No's - 6'00" x 8'00"
- F4 - 10No's - 7'06" * 7'06"
- F5 - 10No's - 8'00" * 8'00"



SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 8

FOOTING'S PLAN & DETAILS

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SHEET TITLE GOOD FOR CONSTRUCTION

Draw Table

Drw - 1 FOOT'S PLAN & DETAILS

Drw - 2 FOOT'S C/S DETAILS

Drw - 3

Archi Sign & Stamp

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CHK

AKA

DRW

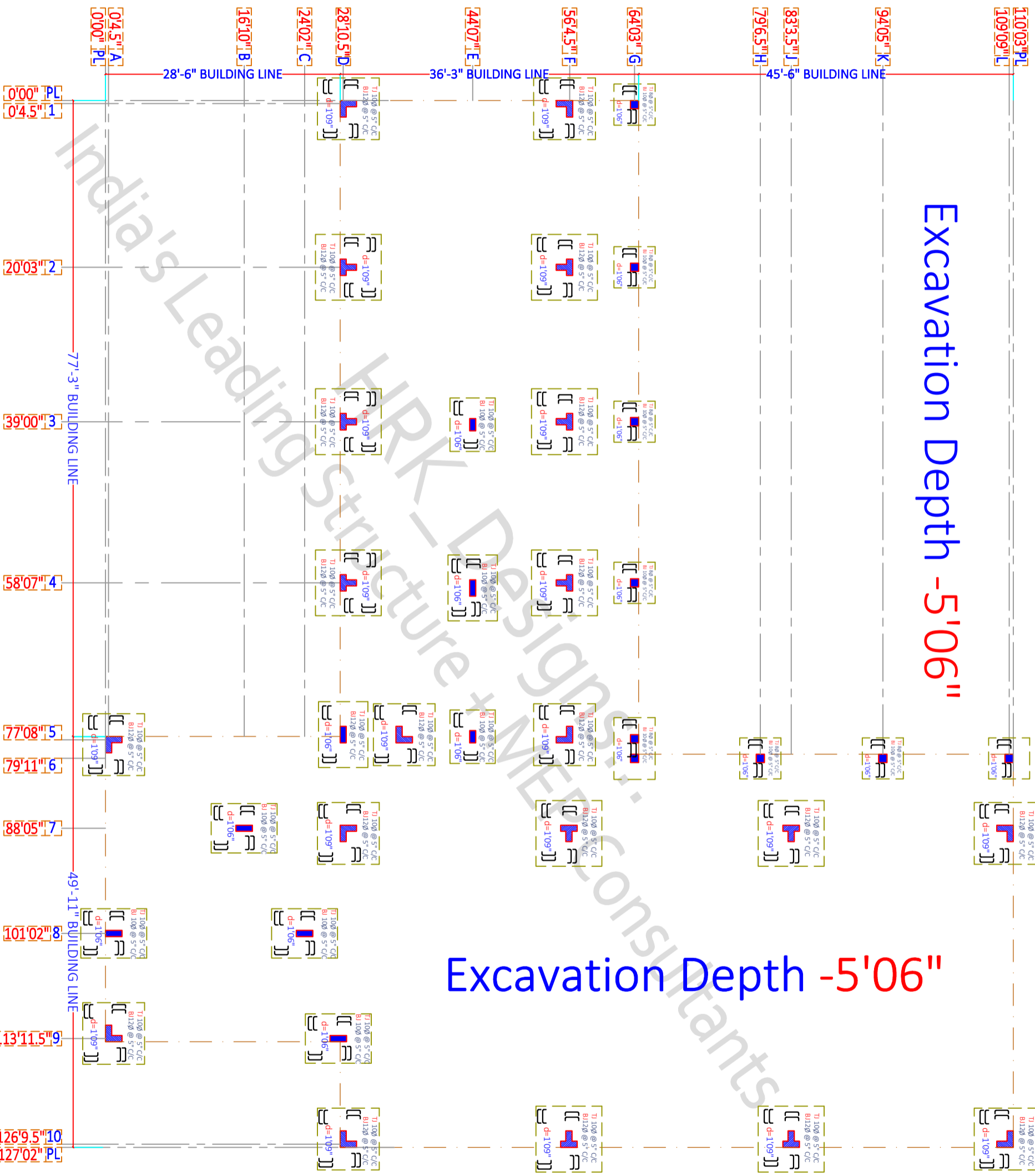
PH

HRK/A:-H&K/GFC/13/11/22

HRKD/13/03/08/2022



- F1 - 7No's - 5'00" x 5'00"
- F1A - 1No's - 7'06" x 5'00"
- F2 - 2No's - 5'06" x 6'06"
- F3 - 6No's - 6'00" x 8'00"
- F4 - 10No's - 7'06" * 7'06"
- F5 - 10No's - 8'00" * 8'00"



Excavation Depth -5'06"

Excavation Depth -5'06"

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 9

FOOTING'S PLAN & DETAILS

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SHEET TITLE	GOOD FOR CONSTRUCTION
Draw No	Draw Table
Draw - 1	FOOT'S PLAN & DETAILS
Draw - 2	FOOT'S C/S DETAILS
Draw - 3	

Archi Sign & Stamp	HRK DESIGNS STRUCTURE CONSULTANTS INDIA PVT LTD
HRK_GFC	08.03.2022
PWC/Contractor	

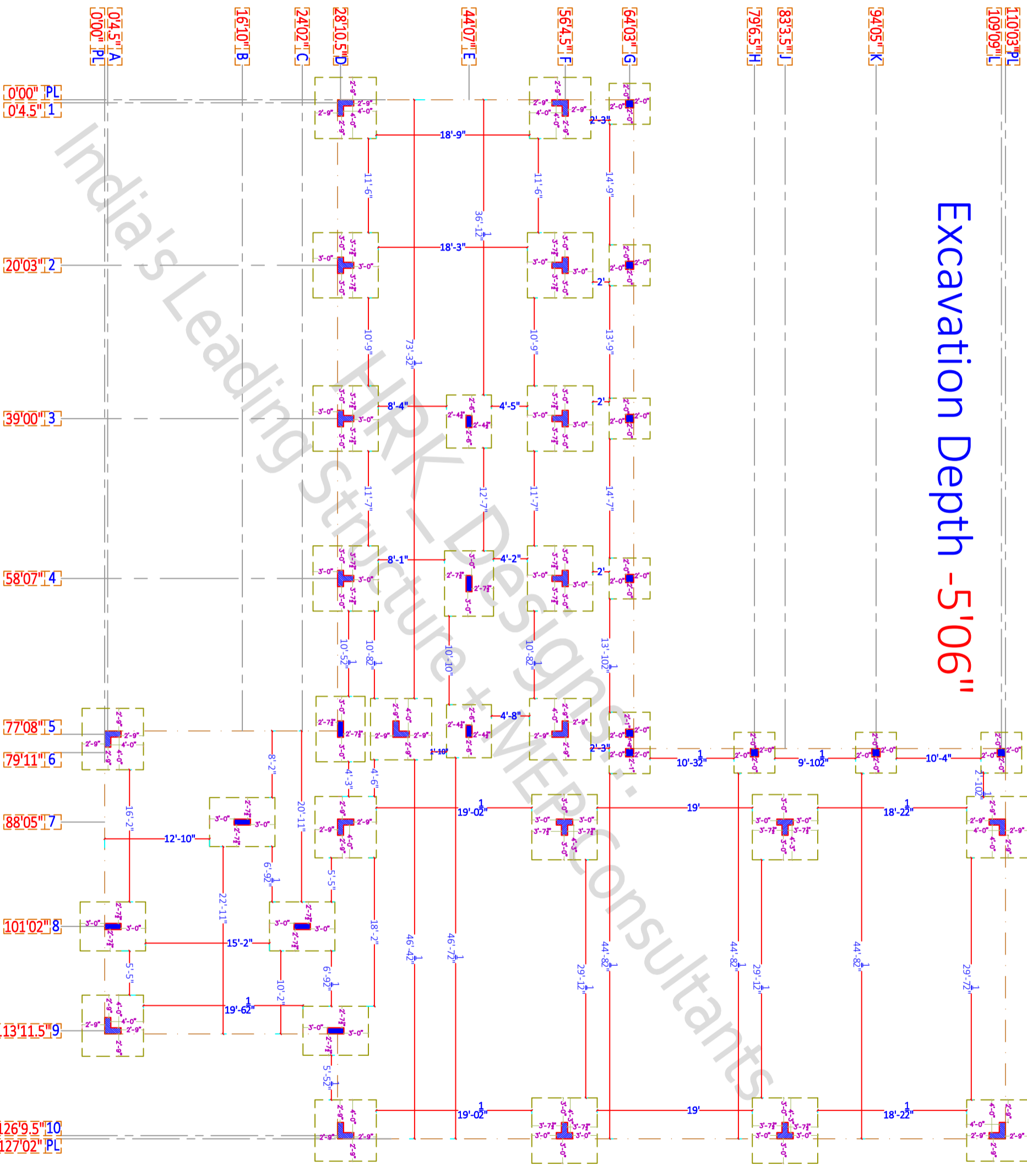
PROJECT BY:-
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CHK	DRW
AKA	PH
HRK/AI-H&K/GFC/13/11/22	
HRKD/13/03/08/2022	

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Excavation Depth -5'06"

- F1 - 7No's - 5'00" x 5'00"
- F1A - 1No's - 7'06" x 5'00"
- F2 - 2No's - 5'06" x 6'06"
- F3 - 6No's - 6'00" x 8'00"
- F4 - 10No's - 7'06" * 7'06"
- F5 - 10No's - 8'00" * 8'00"



Excavation Depth -5'06"

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*
SHEET TITLE GOOD FOR CONSTRUCTION

SHEET - 10

FOOTING'S PLAN & DETAILS

IISE INSTITUTE - Lucknow UP

Drw No	Drw Title
Drw - 1	FOOT'S PLAN & DETAILS
Drw - 2	FOOT'S C/S DETAILS
Drw - 3	

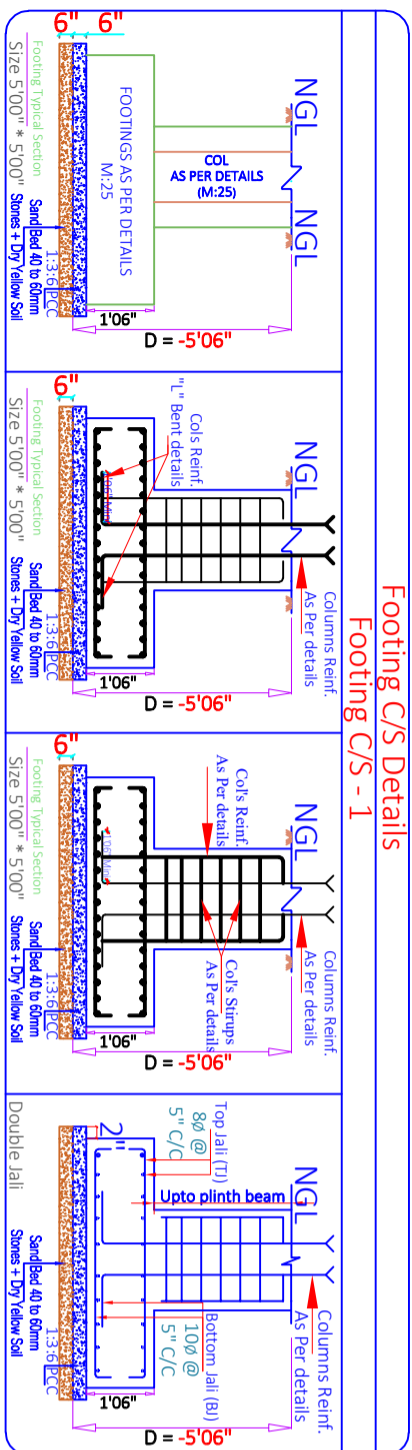
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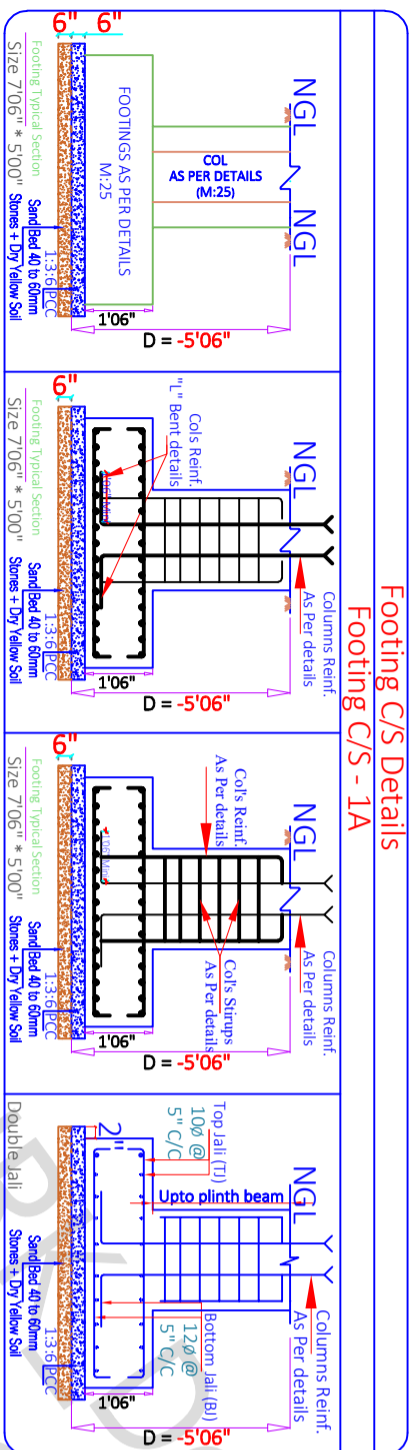


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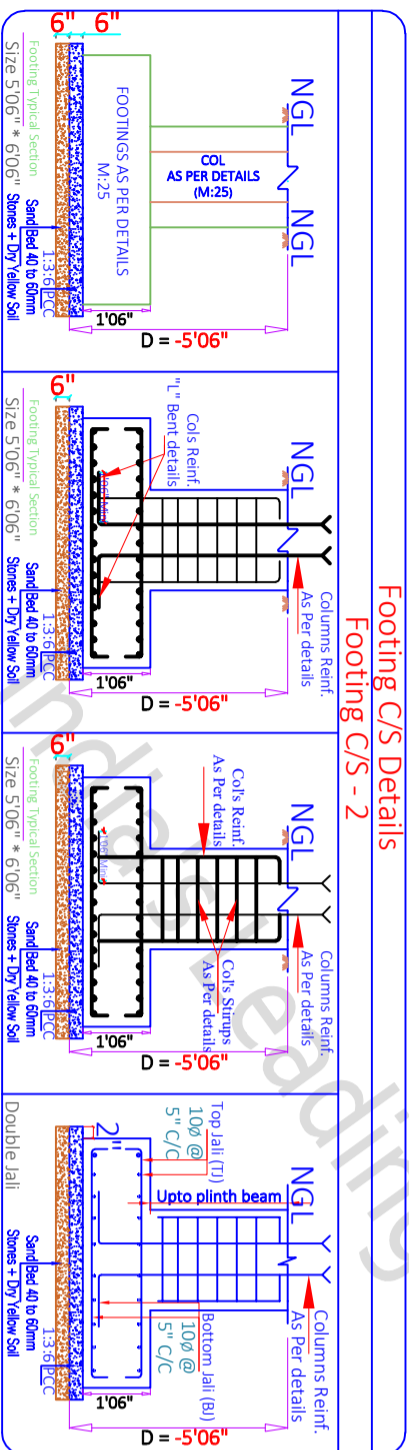
F1 - 7No's - 5'00" X 5'00"



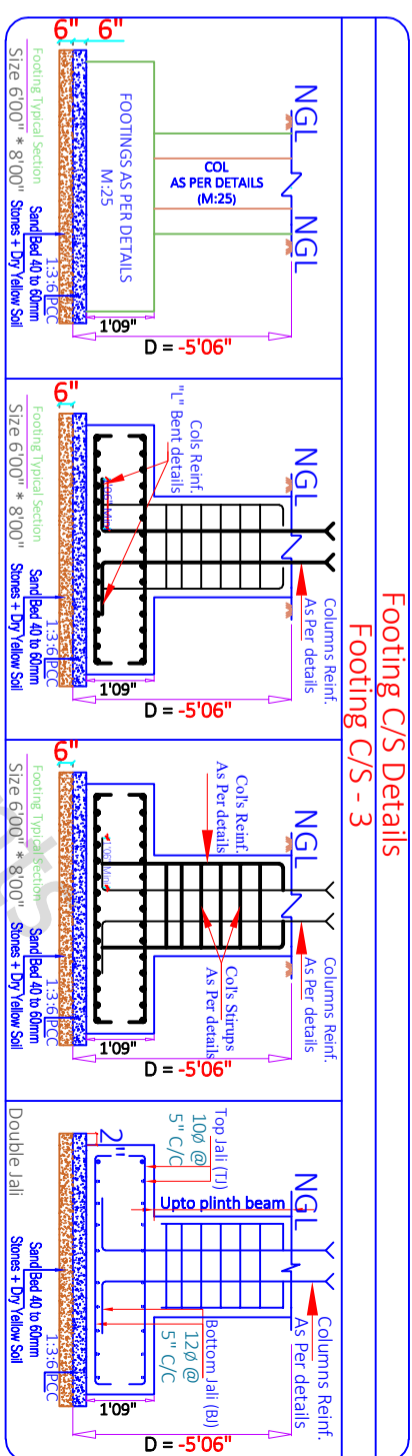
F1A - 1No's - 7'06" X 5'00"



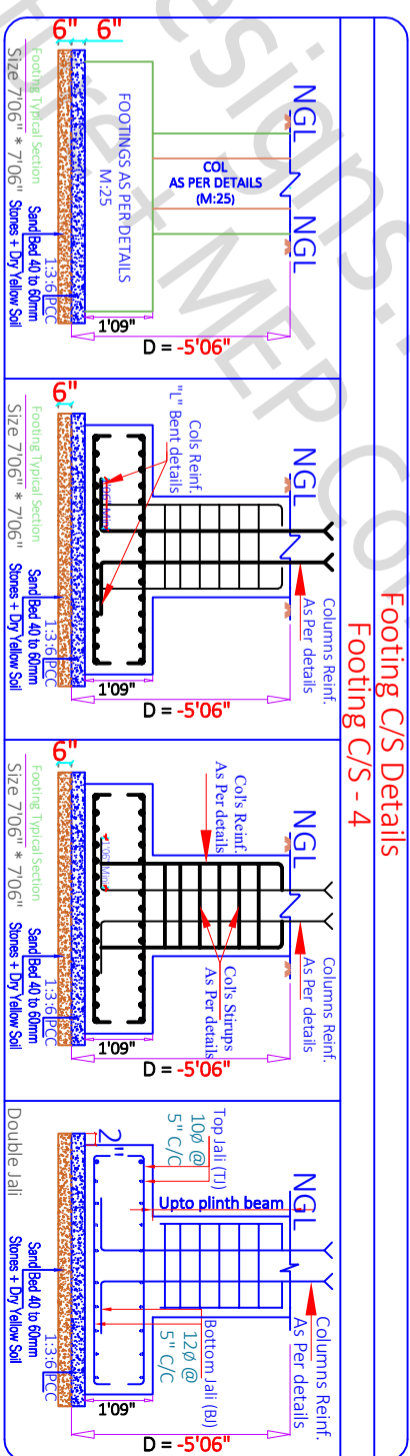
F2 - 2No's - 5'06" X 6'06"



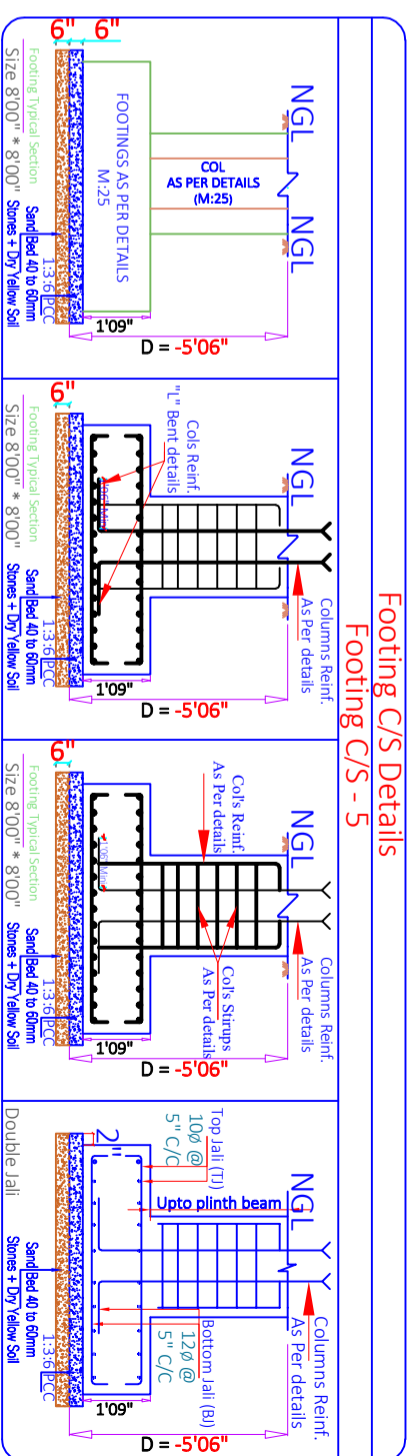
F3 - 6No's - 6'00" X 8'00"



F4 - 10No's - 7'06" X 7'06"



F5 - 10No's - 8'00" X 8'00"



SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 11

FOOTING'S PLAN & DETAILS

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Draw No	Draw Title
Drw - 1	FOOT'S PLAN & DETAILS
Drw - 2	FOOT'S C/S DETAILS
Drw - 3	

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B-1	9"X2'00"	B-2	9"X1'06"	B-3	1'X1'03"
B-1	2.27%	B-2	1.98%	B-3	1.25%

9" 2'00"

20Ø-4#

Stirrups 8Ø @6" c/c

9" 1'06"

16Ø-1#+ 20Ø-2#

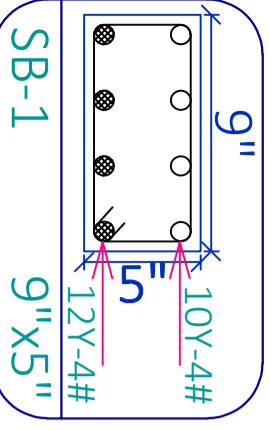
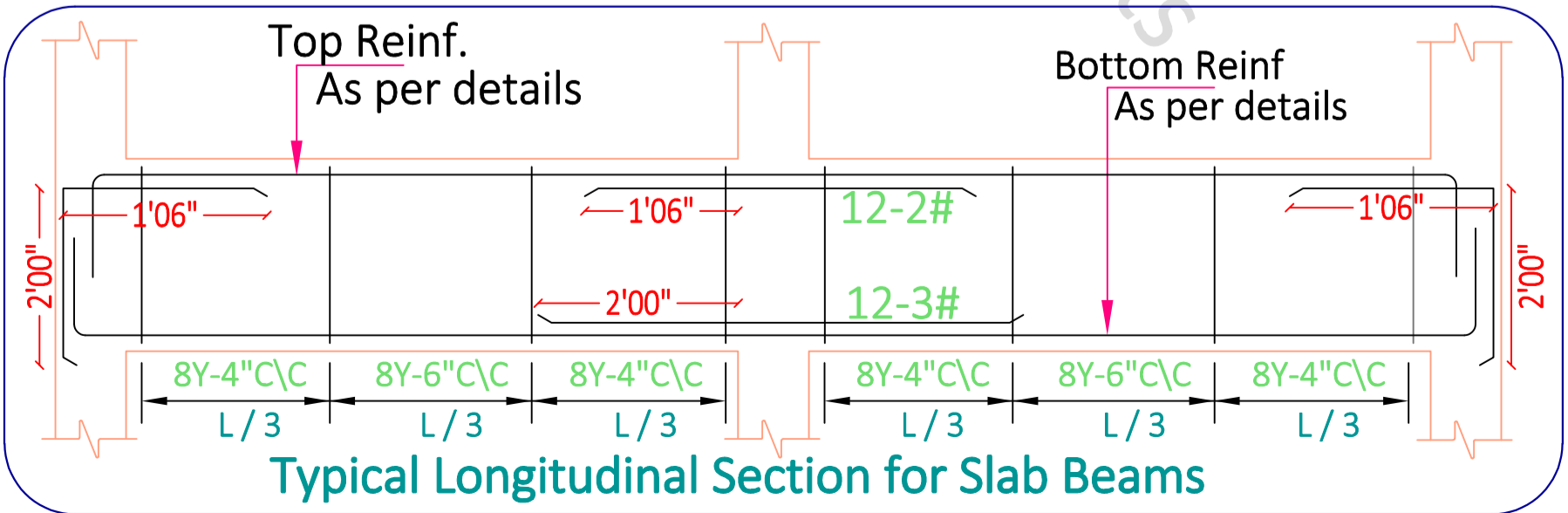
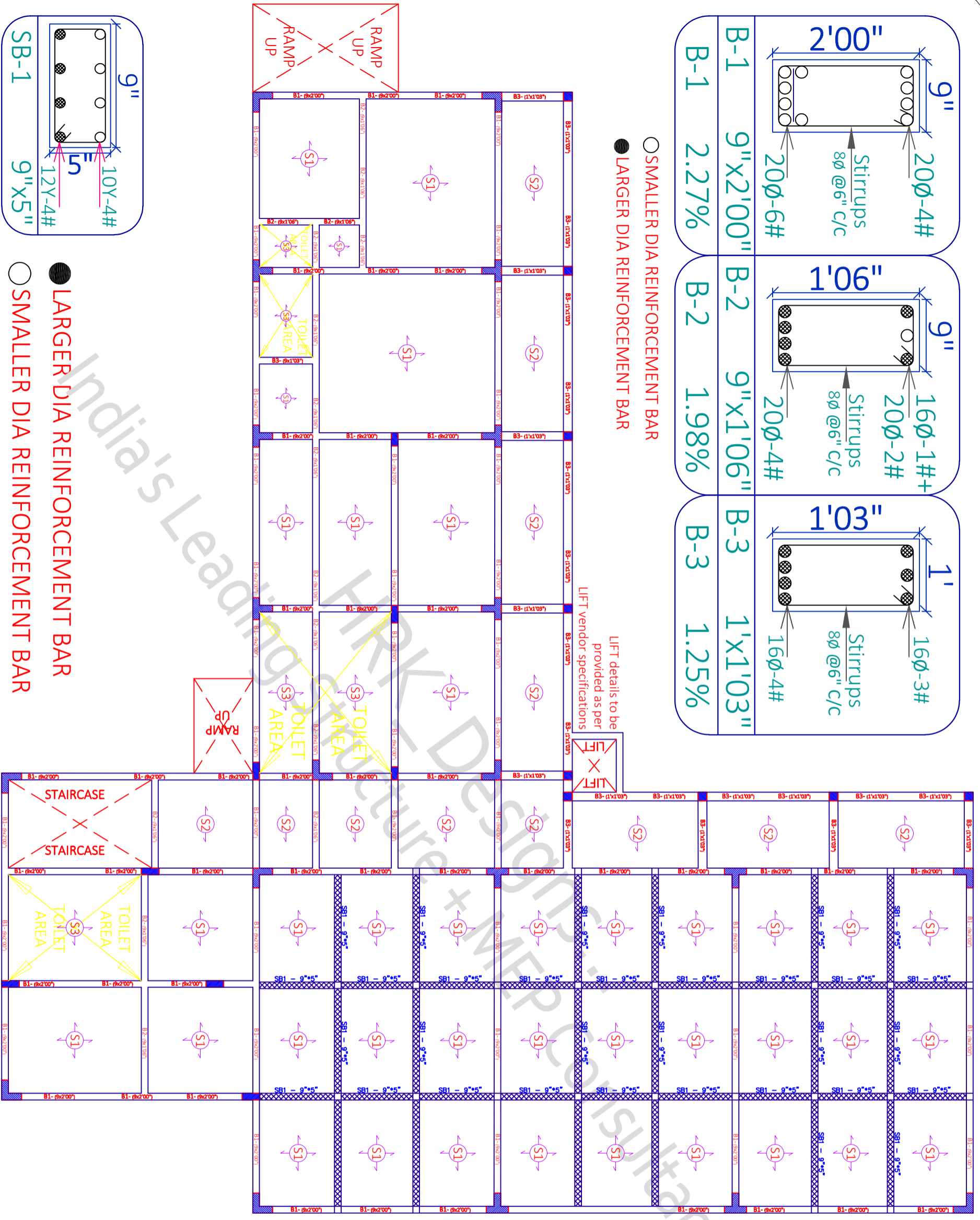
Stirrups 8Ø @6" c/c

1' 1'03"

16Ø-3#

Stirrups 8Ø @6" c/c

- SMALLER DIA REINFORCEMENT BAR
- LARGER DIA REINFORCEMENT BAR



- LARGER DIA REINFORCEMENT BAR
- SMALLER DIA REINFORCEMENT BAR

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 13

GF BEAM LAYOUT & DETAILS

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SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	Drw Table
Drw - 1	GF BEAM PLAN & LAYOUT DETAILS
Drw - 2	GF BEAM C/S DETAILS
Drw - 3	

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08.03.2022

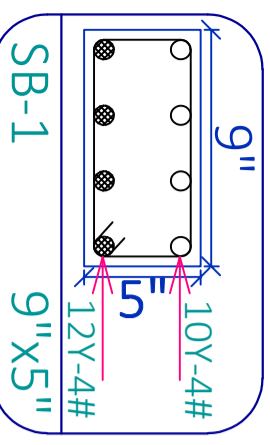
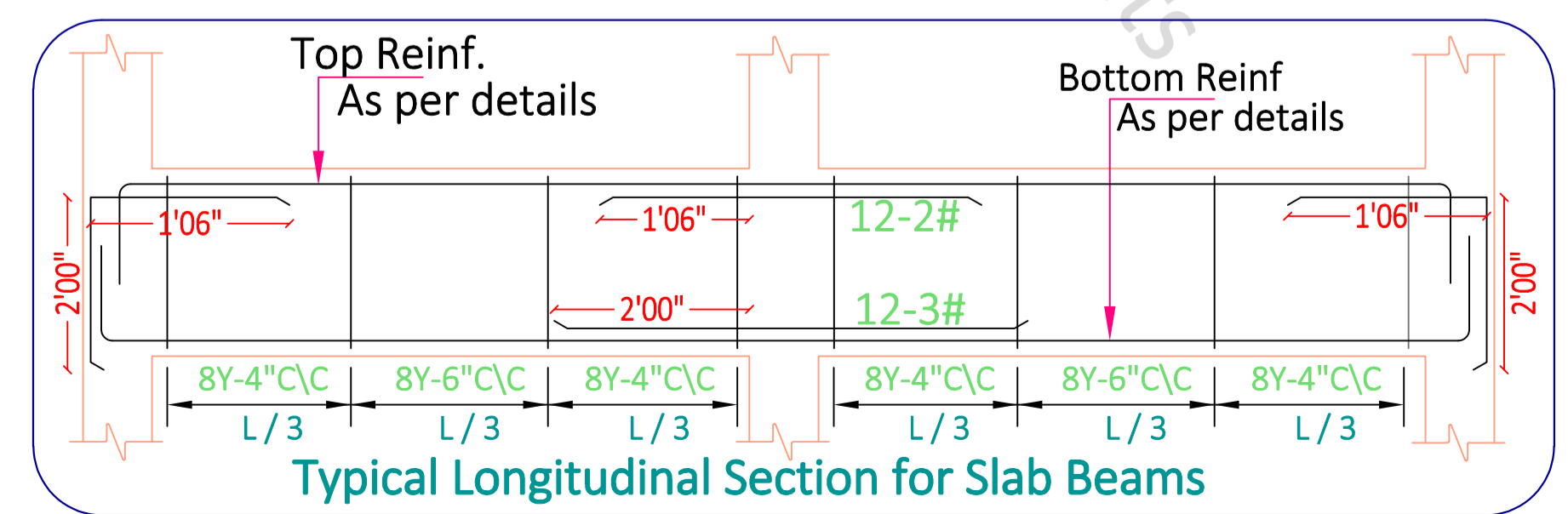
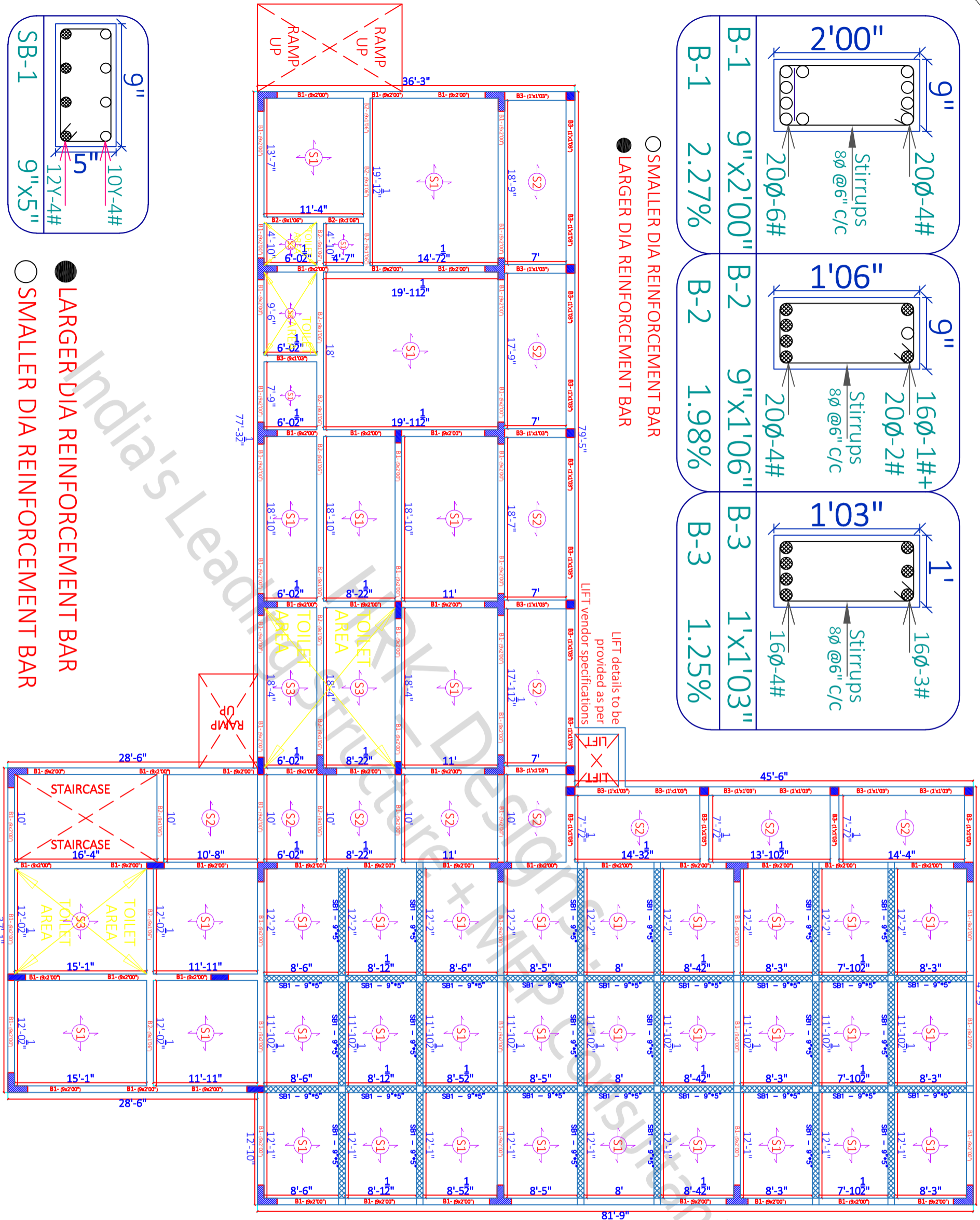
PROJECT BY:-
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Road Vadodra - 391014
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+91-9880 930 947

B-1	9" x 2'00"	2.27%	
B-2	9" x 1'06"	1.98%	
B-3	1' x 1'03"	1.25%	

- SMALLER DIA REINFORCEMENT BAR
- LARGER DIA REINFORCEMENT BAR



- LARGER DIA REINFORCEMENT BAR
- SMALLER DIA REINFORCEMENT BAR

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 14

GF BEAM LAYOUT & DETAILS

SHEET TITLE GOOD FOR CONSTRUCTION

Draw No	Draw Table
Draw - 1	GF BEAM PLAN & LAYOUT DETAILS
Draw - 2	GF BEAM C/S DETAILS
Draw - 3	

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Slab Thickness = 6"
10Ø Bent-up bars @ 5" C/C
10Ø Straight bars @ 5" C/C
12Ø Extra bars @ 1' C/C
(Junctions & Ends)

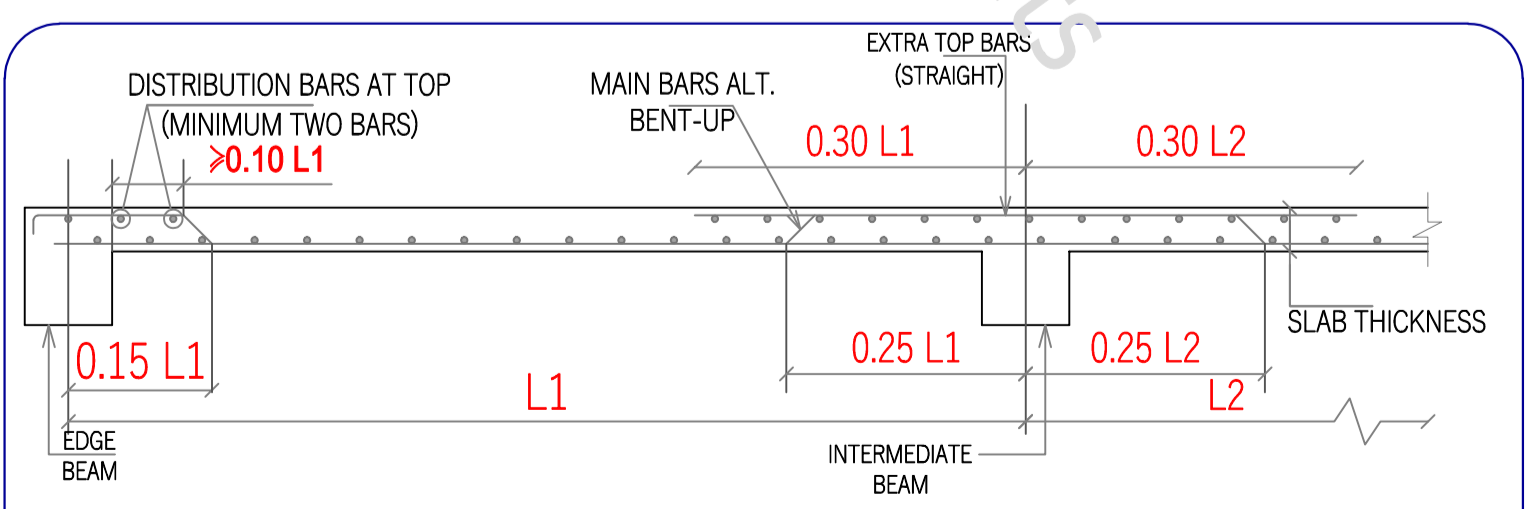
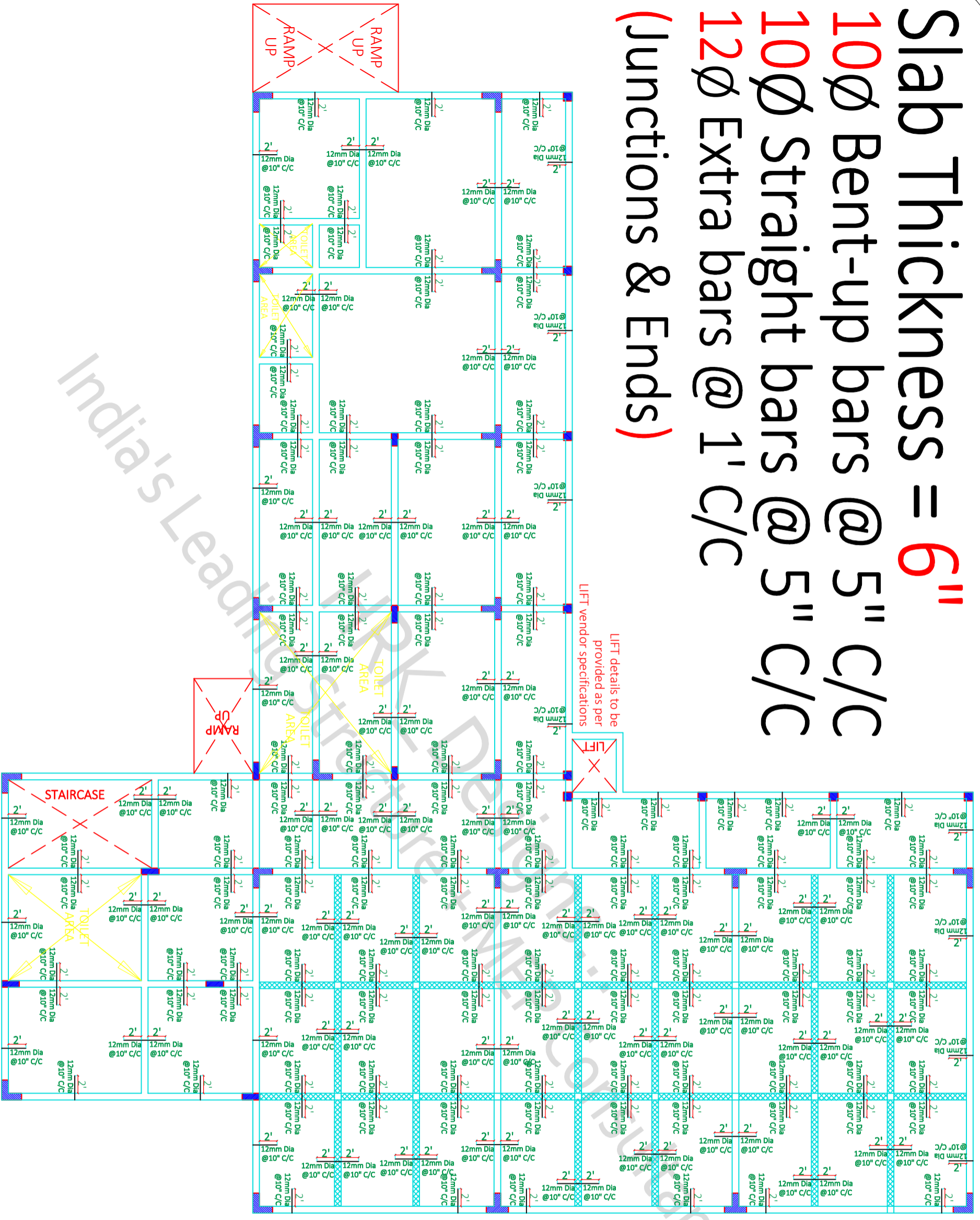


Figure - 4 Typical Slab Section for all the floors

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS* SHEET - 15

GOOD FOR CONSTRUCTION

GF SLAB DETAILS

IISE INSTITUTE - Lucknow UP

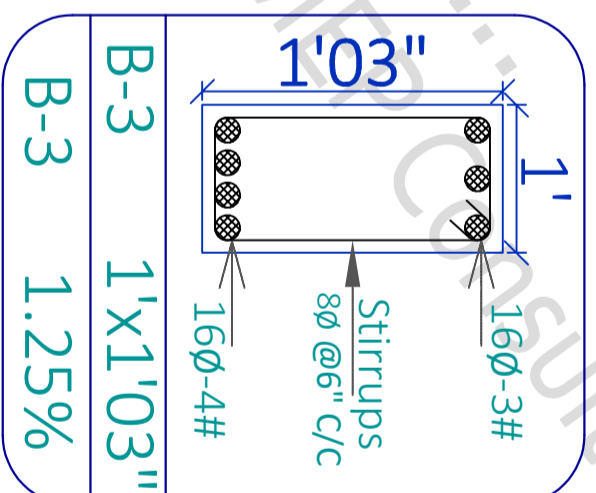
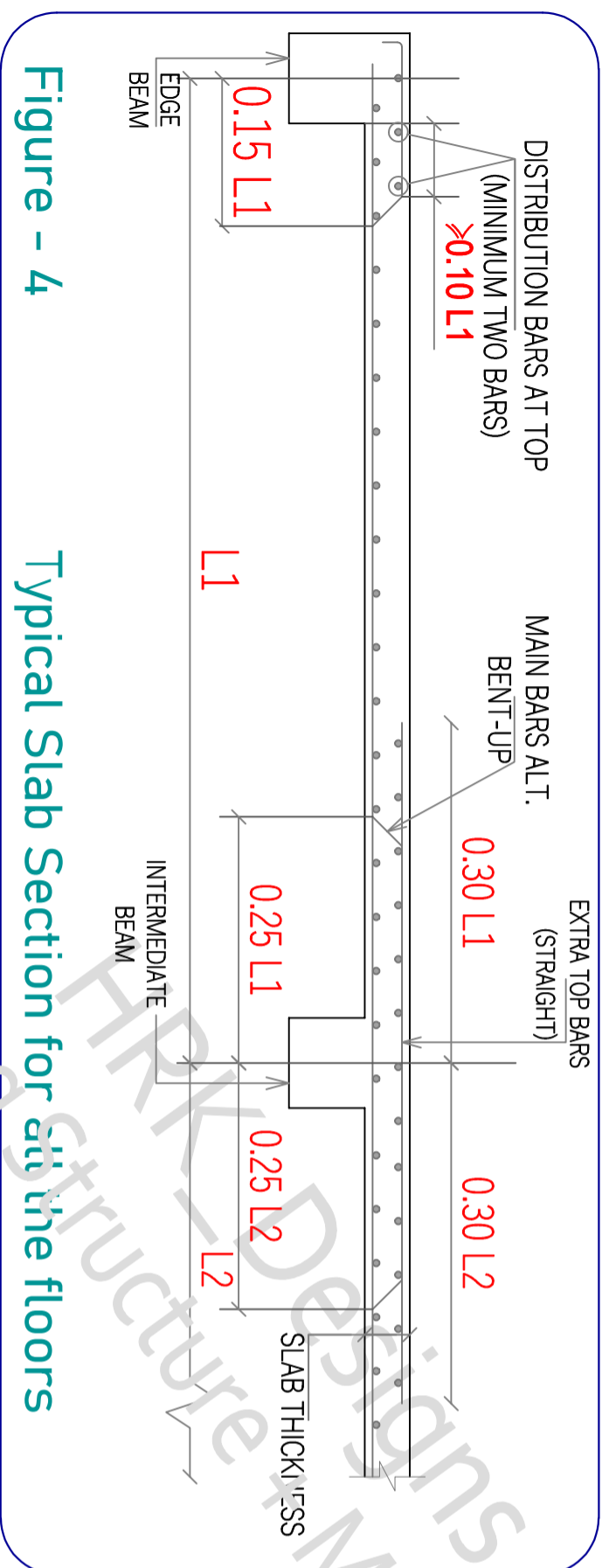
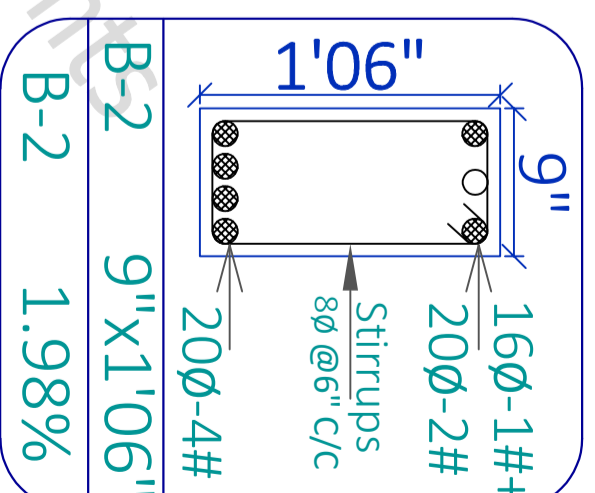
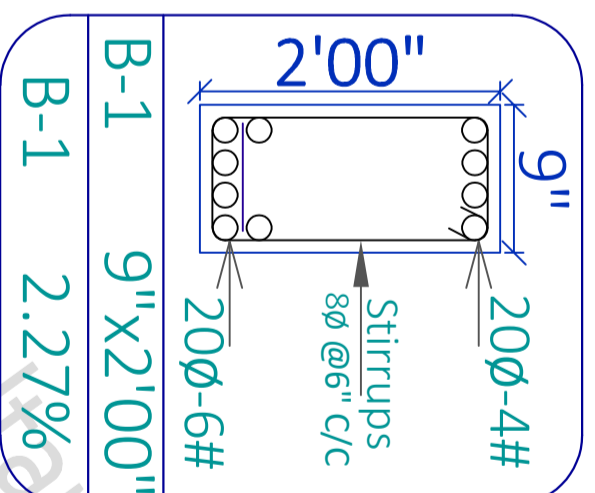
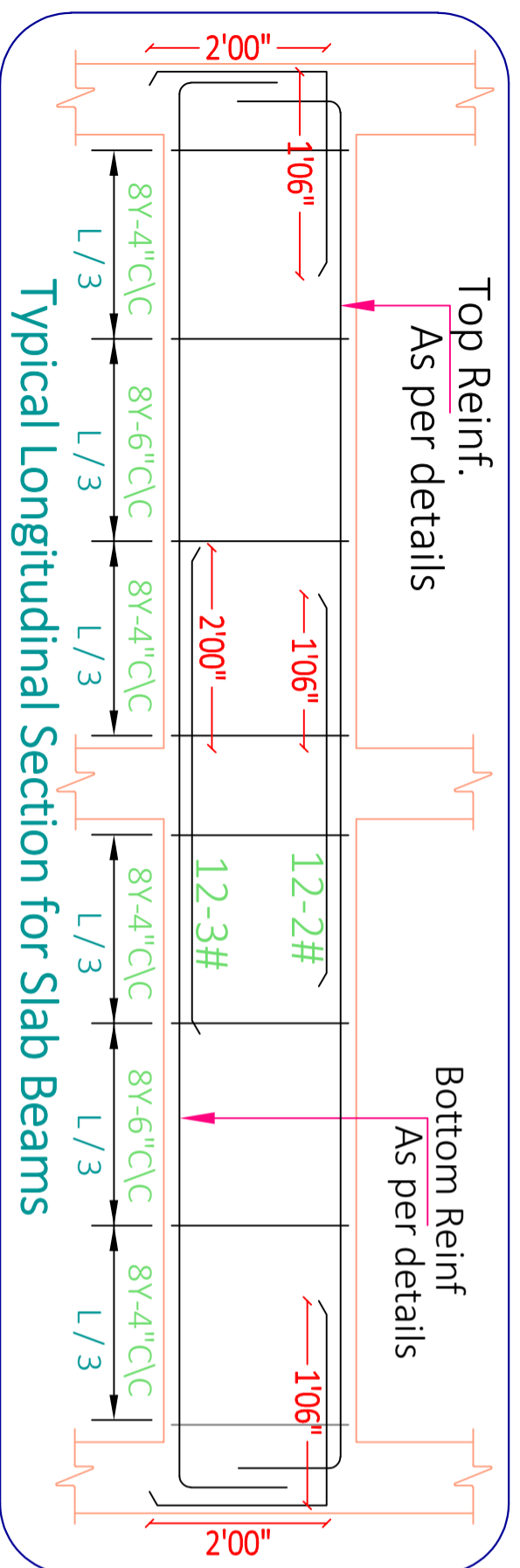
Drw No	Drw Title
Drw - 1	GF SLAB DETAILS
Drw - 2	GF SLAB C/S DETAILS
Drw - 3	

Arch Sign & Stamp
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 PWC/Contractor Sign & Stamp

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 DRW PH
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 hrkteam@hrkdsgns.com
 +91-9880 930 947



Slab Thickness = 6"
10∅ Bent-up bars @ 5" C/C
10∅ Straight bars @ 5" C/C
12∅ Extra bars @ 1' C/C (Junctions & Ends)

Figure - 4

Typical Slab Section for all the floors

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*
SHEET TITLE GOOD FOR CONSTRUCTION

SHEET - 16

GF Beam & Reinfⁿ Details

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

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AKA	PH	
HRK/Ar.-H&K/GFC/13/11/22		
HRKD/13/03/08/2022		

B-1	9"X2'00"	B-2	9"X1'06"	B-3	1'X1'03"
B-1	2.27%	B-2	1.98%	B-3	1.25%

9" x 2'00"

20Ø-4#

Stirrups 8Ø @6" c/c

9" x 1'06"

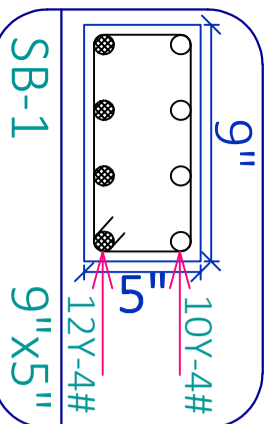
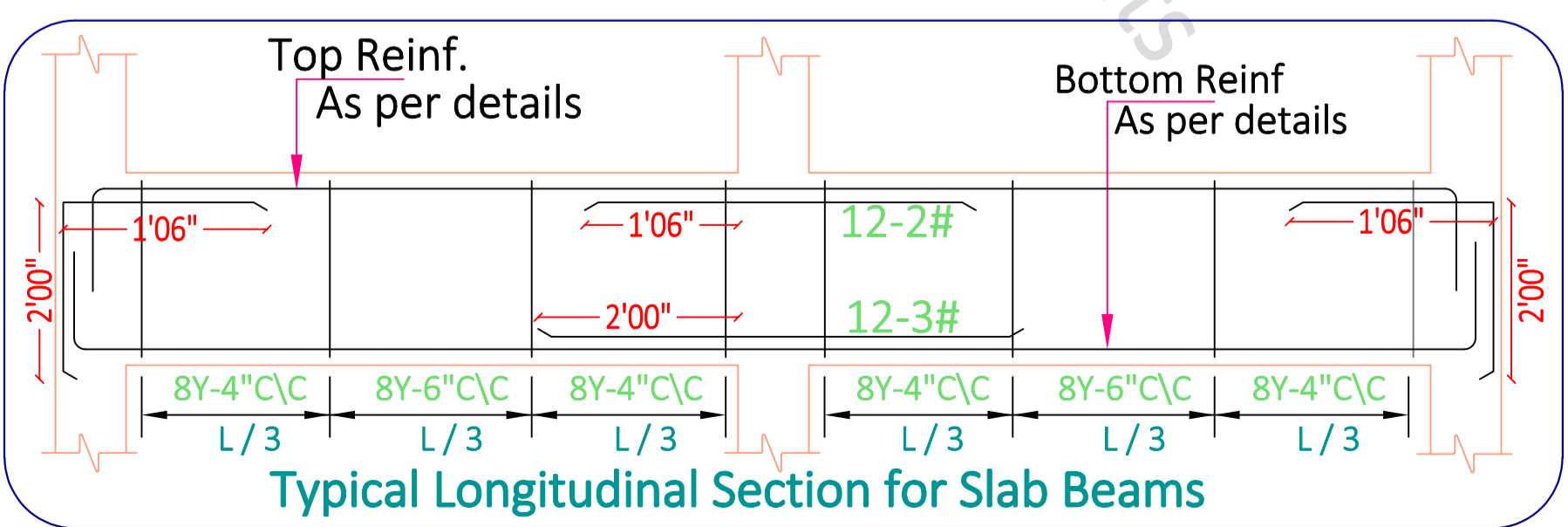
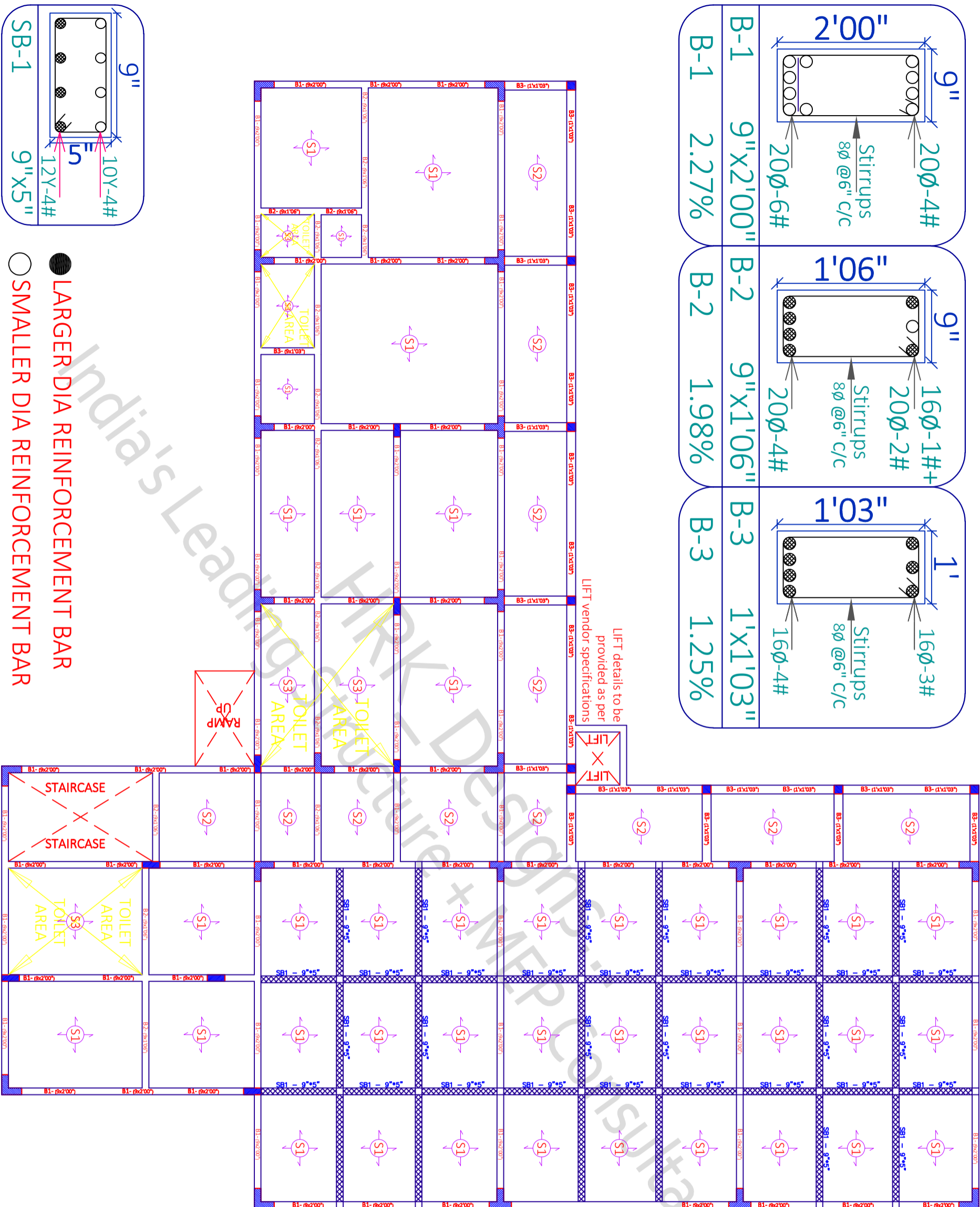
16Ø-1#+ 20Ø-2#

Stirrups 8Ø @6" c/c

1' x 1'03"

16Ø-3#

Stirrups 8Ø @6" c/c



- LARGER DIA REINFORCEMENT BAR
- SMALLER DIA REINFORCEMENT BAR

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 17

FF BEAM LAYOUT & DETAILS

IISH SURESH SURESH UP

SHEET TITLE	GOOD FOR CONSTRUCTION
Draw No	Draw Table
Drw - 1	FF BEAM PLAN & LAYOUT DETAILS
Drw - 2	FF BEAM C/S DETAILS
Drw - 3	

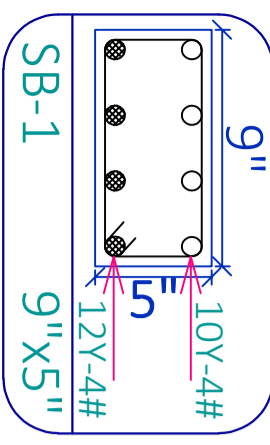
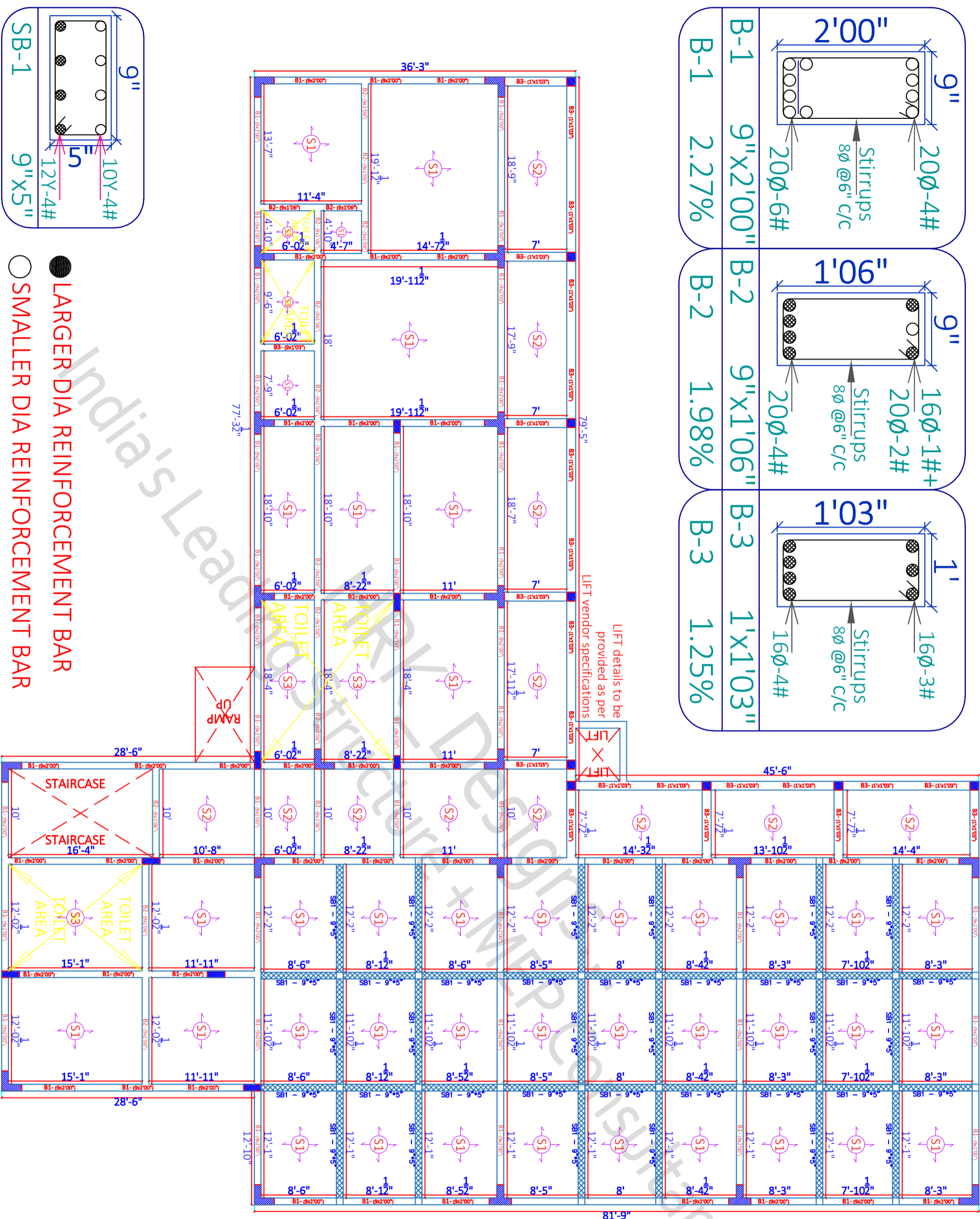
Arch Sign & Stamp
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08.03.2022

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DRW PH
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Road Vadodra - 391014
www.hrkdsgns.com
techteam@hrkdsgns.com
+91-9880 930 947

B-1	9"X2'00"	2.27%	
B-2	9"X1'06"	1.98%	
B-3	1'X1'03"	1.25%	



- LARGER DIA REINFORCEMENT BAR
- SMALLER DIA REINFORCEMENT BAR

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS* SHEET - 18

SHEET TITLE GOOD FOR CONSTRUCTION

FF BEAM LAYOUT & DETAILS

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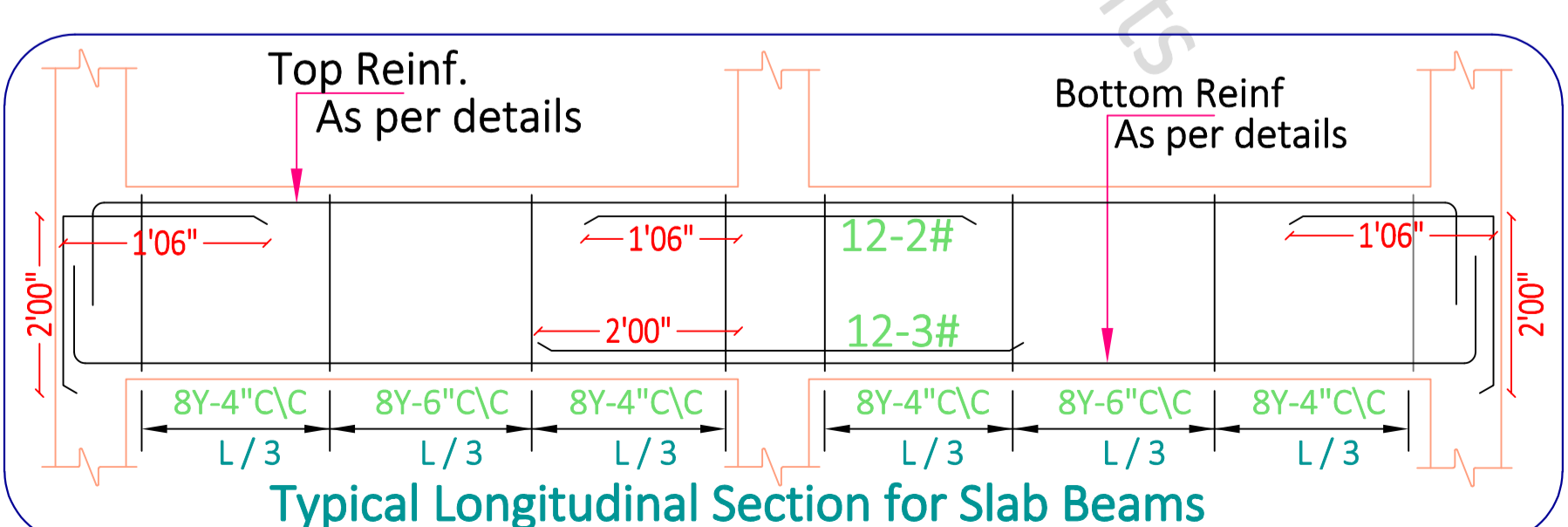
Drw No	Drw Table
Drw - 1	FF BEAM PLAN & LAYOUT DETAILS
Drw - 2	FF BEAM C/S DETAILS
Drw - 3	

Arch Sign & Stamp
HRK GFC
08.03.2022

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Hasan & Kushal Architects Team
B1-316, Studio DLF My Pad Vibhuti
Khand, Gomtinagar Lucknow

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+91-9880 930 947



Slab Thickness = 6"
10Ø Bent-up bars @ 5" C/C
10Ø Straight bars @ 5" C/C
12Ø Extra bars @ 1' C/C
(Junctions & Ends)

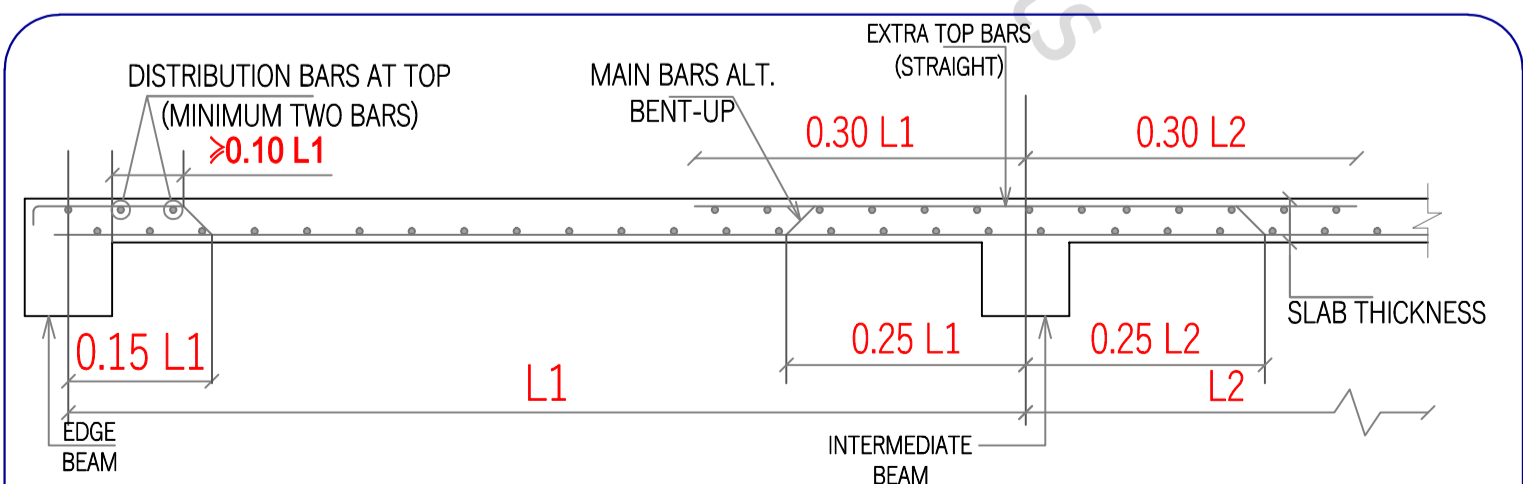
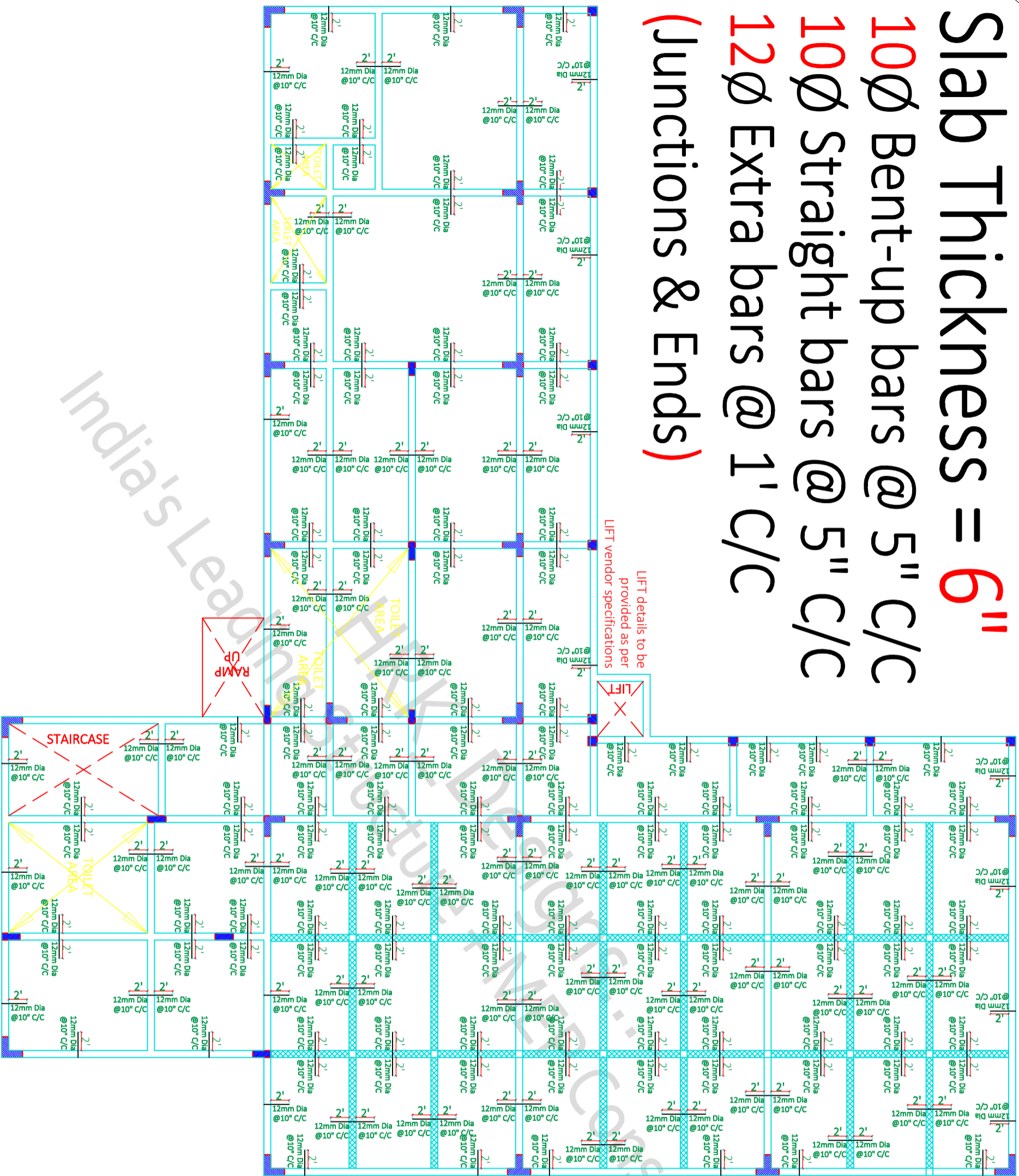


Figure - 4 Typical Slab Section for all the floors

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 19

FF SLAB DETAILS

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SHEET TITLE GOOD FOR CONSTRUCTION

Drw Table

FF SLAB DETAILS

FF SLAB C/S DETAILS

Drw - 3

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HRK_GFC

08.03.2022

PROJECT BY:- PROJECT BY:-

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Khand, Gomtinagar Lucknow

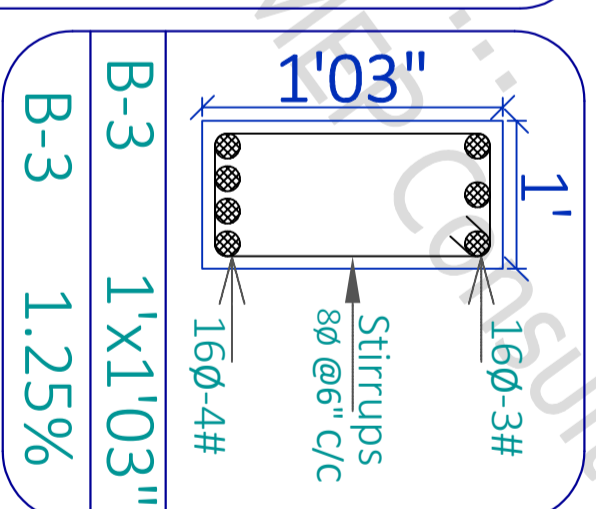
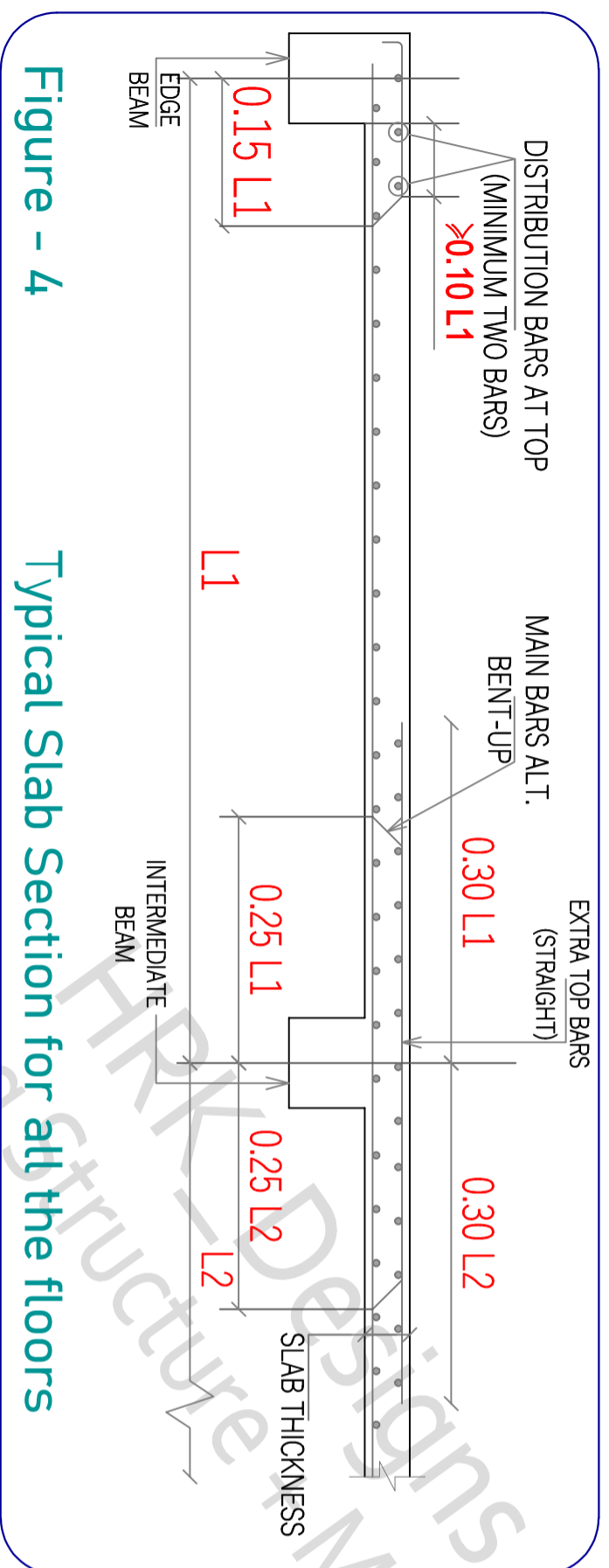
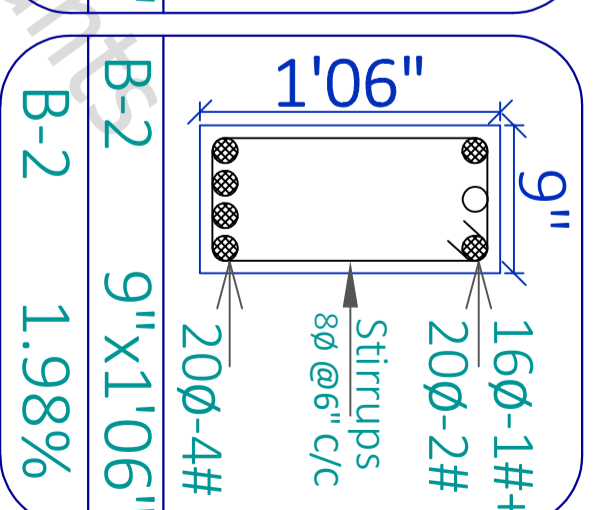
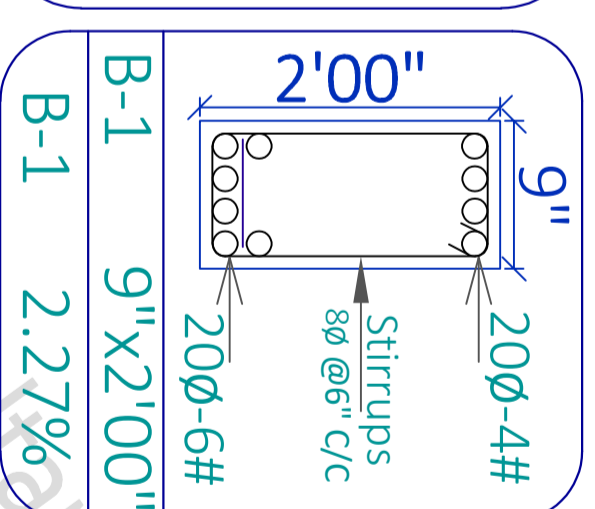
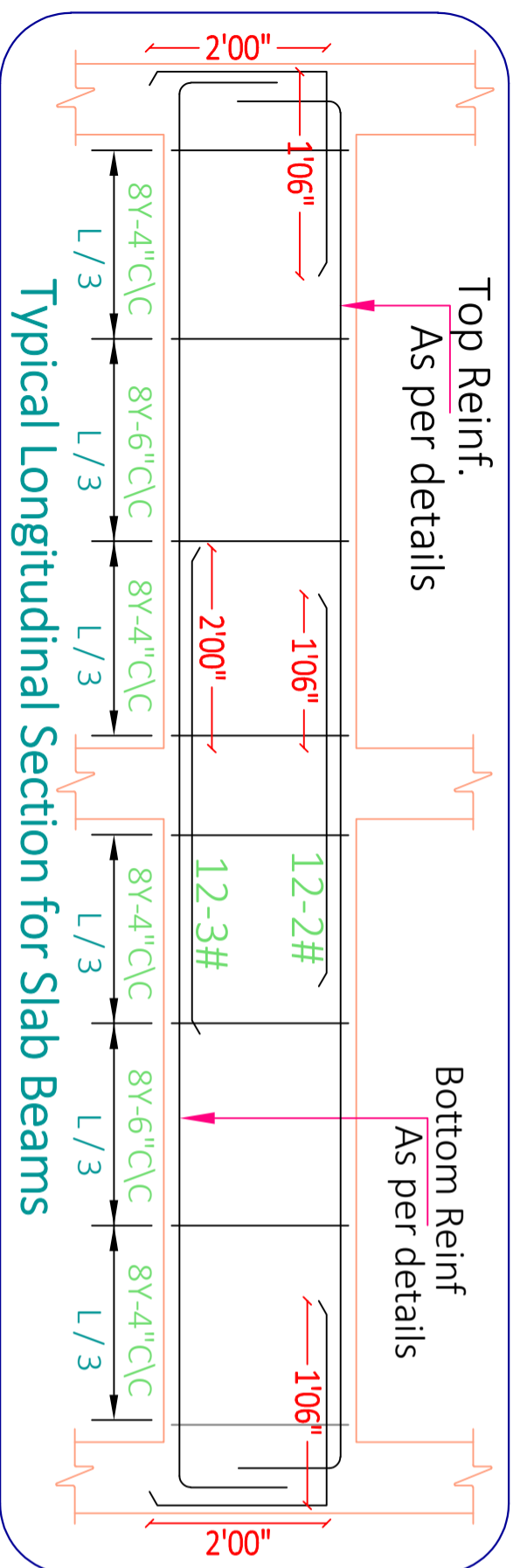
CHK

DRW

AKA PH

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Slab Thickness = 6"
10∅ Bent-up bars @ 5" C/C
10∅ Straight bars @ 5" C/C
12∅ Extra bars @ 1' C/C (Junctions & Ends)

Figure - 4

Typical Slab Section for all the floors

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 20

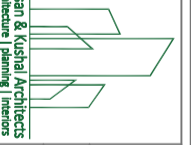
FF Beam & Reinfn Details

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SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	Drw Table
Drw - 1	FF Beam C/S Details
Drw - 2	FF Slab C/S Details
Drw - 3	FF Beam & Slab Reinfn C/S Details

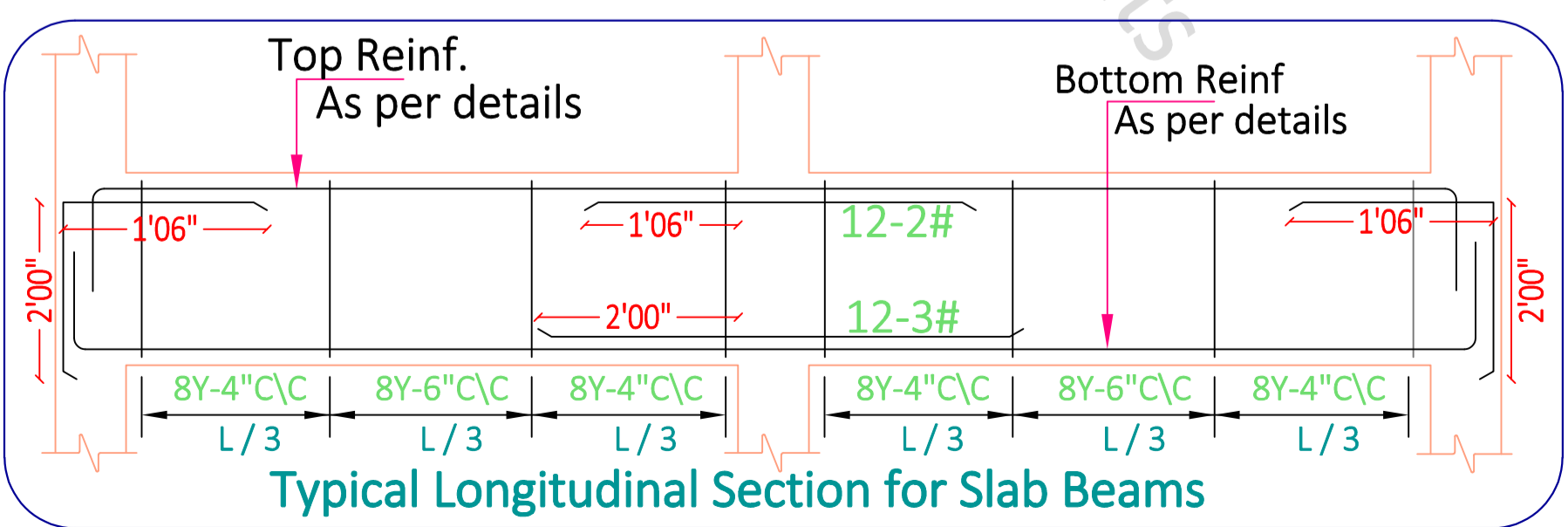
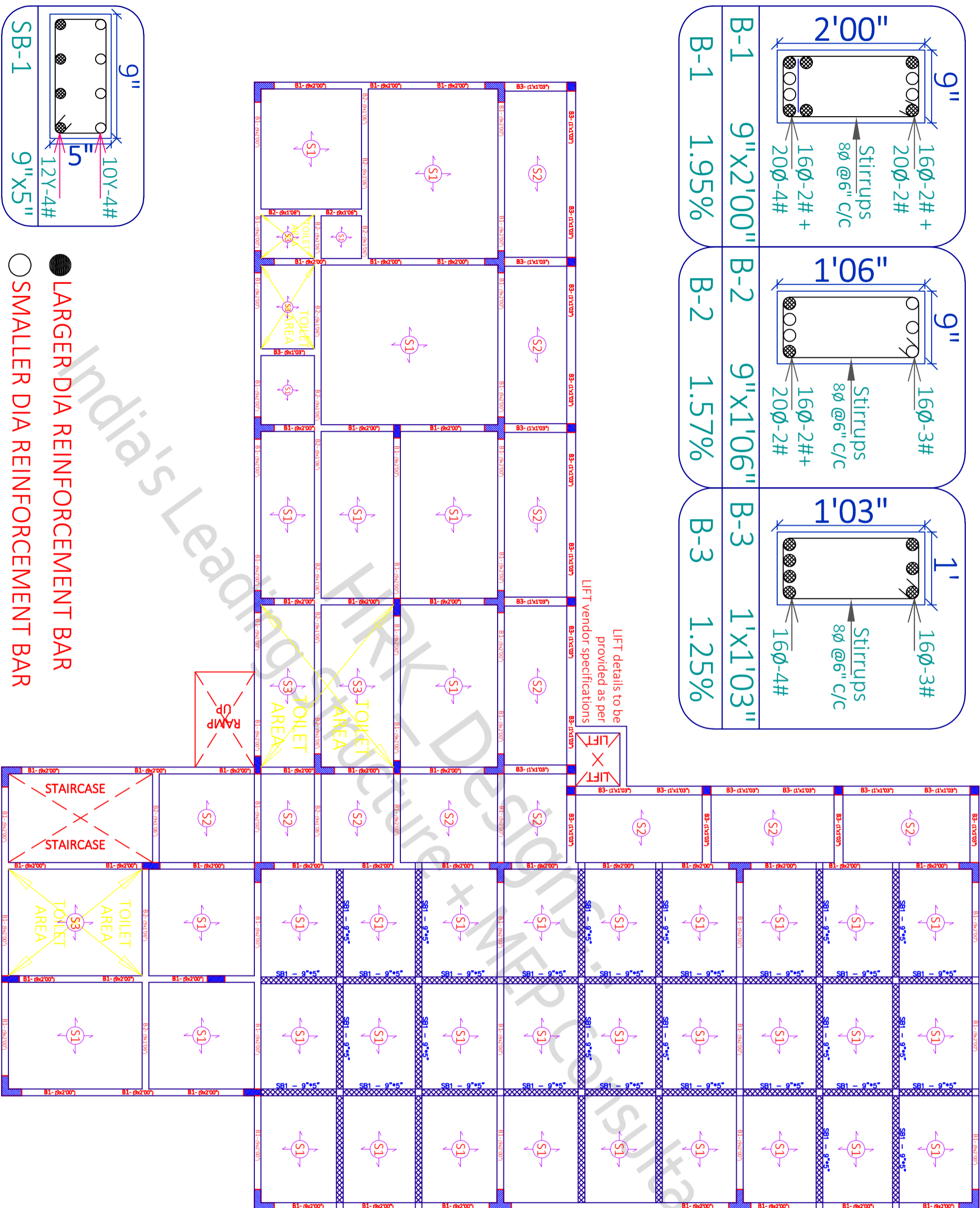
Arch Sign & Stamp	HRK DESIGNS STRUCTURE CONSULTANTS INDIA PVT LTD
Structure Sign & Stamp	HRK GFC
Sign & Stamp	08.03.2022

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AKA	PH	HRK/Ar.-H&K/GFC/13/11/22
		HRKD/13/03/08/2022

B-1	9"X2'00"	1.95%	
B-2	9"X1'06"	1.57%	
B-3	1'X1'03"	1.25%	



SITE NOTES
IF ANY

- LARGER DIA REINFORCEMENT BAR
- SMALLER DIA REINFORCEMENT BAR

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 21

SF BEAM LAYOUT & DETAILS

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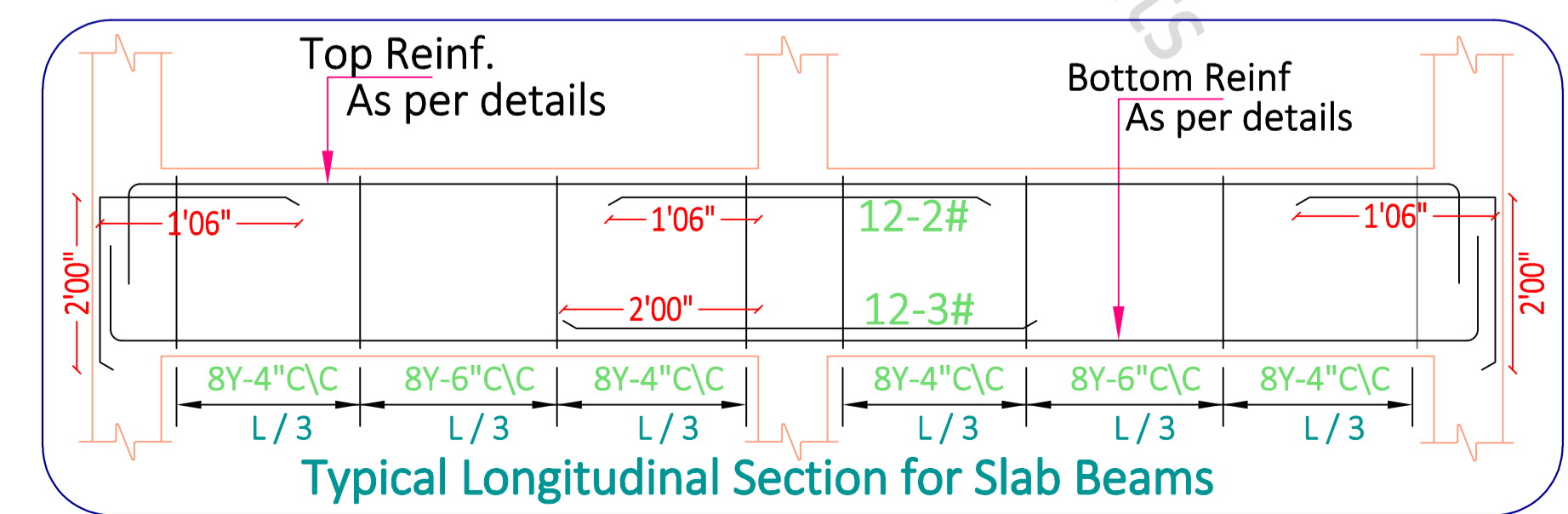
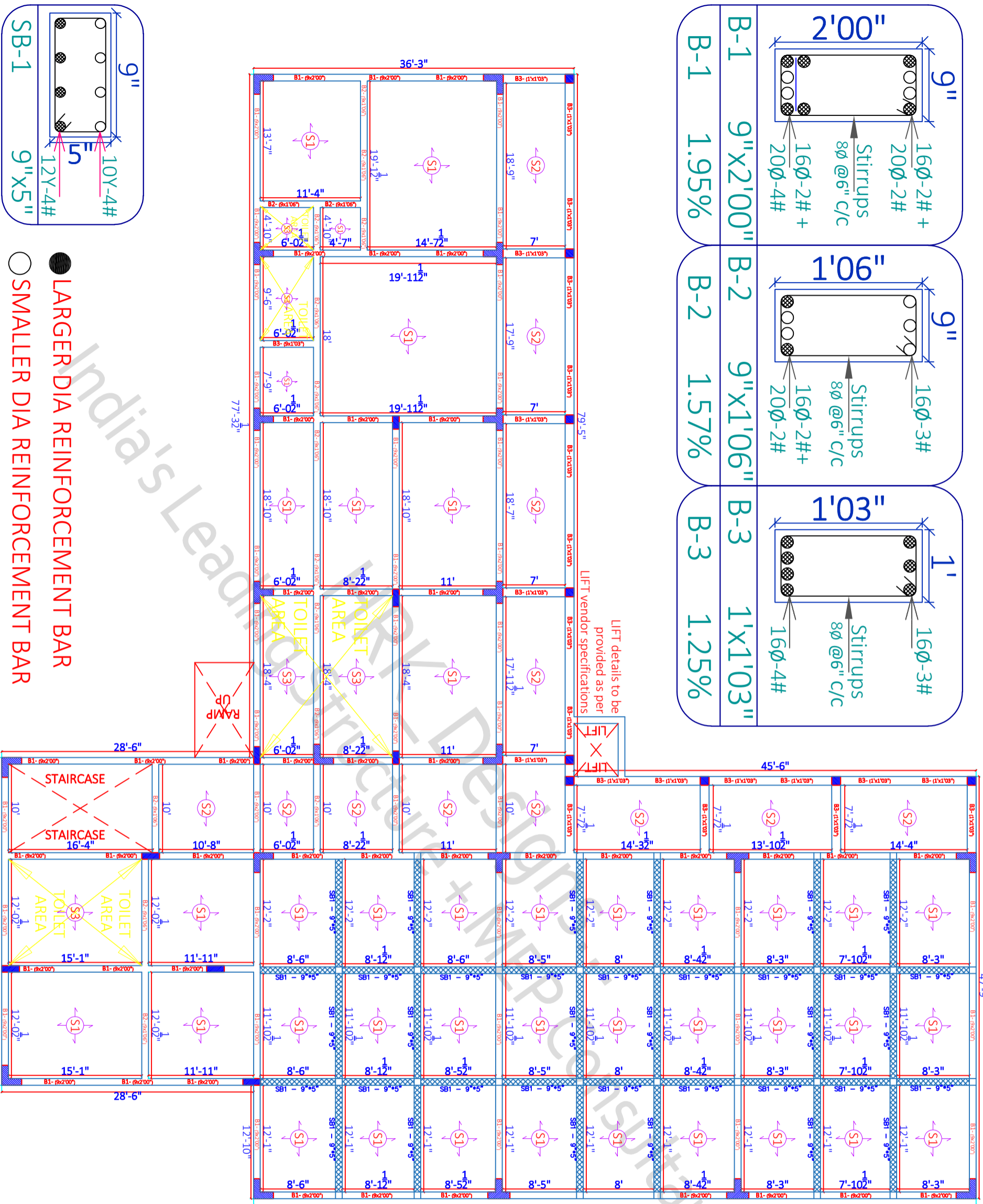
SHEET TITLE	GOOD FOR CONSTRUCTION
Draw No	Draw Table
Drw - 1	SF BEAM PLAN & LAYOUT DETAILS
Drw - 2	SF BEAM C/S DETAILS
Drw - 3	

Arch Sign & Stamp
HRK_GFC
08.03.2022

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B-1	9"X2'00"	1.95%	
B-2	9"X1'06"	1.57%	
B-3	1'X1'03"	1.25%	



- LARGER DIA REINFORCEMENT BAR
- SMALLER DIA REINFORCEMENT BAR

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS* SHEET - 22

GOOD FOR CONSTRUCTION

SF BEAM LAYOUT & DETAILS

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Drw No	Drw Table
Drw - 1	SF BEAM PLAN & LAYOUT DETAILS
Drw - 2	SF BEAM C/S DETAILS
Drw - 3	

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Slab Thickness = 6"
10Ø Bent-up bars @ 5" C/C
10Ø Straight bars @ 5" C/C
12Ø Extra bars @ 1' C/C
(Junctions & Ends)

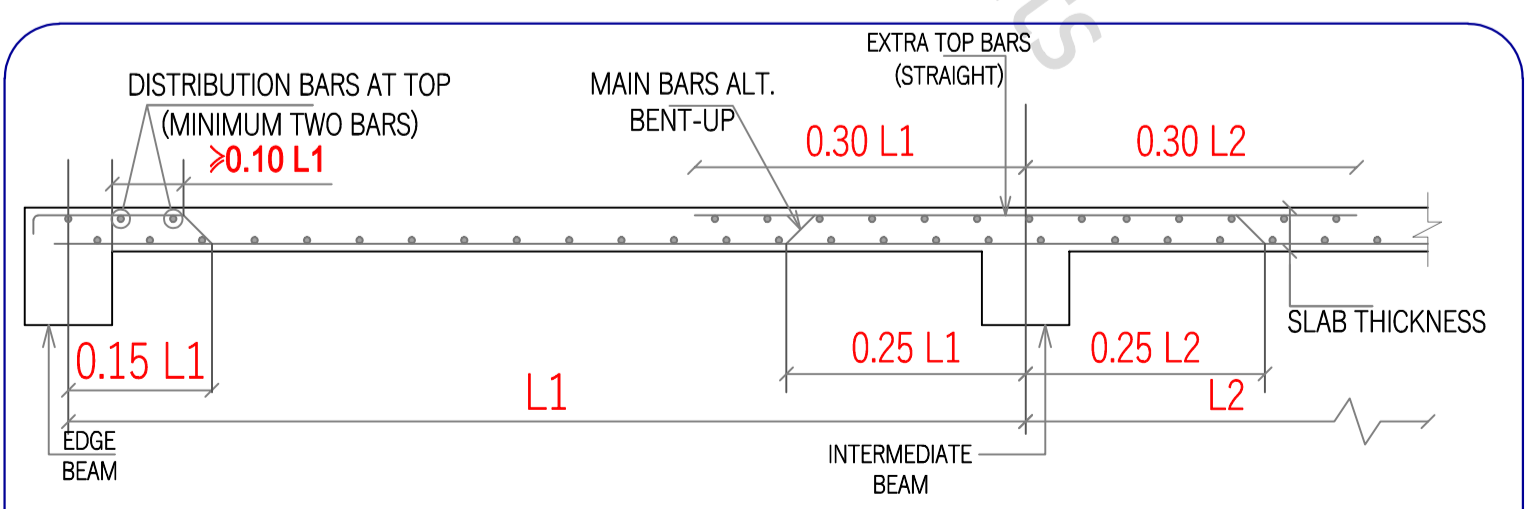
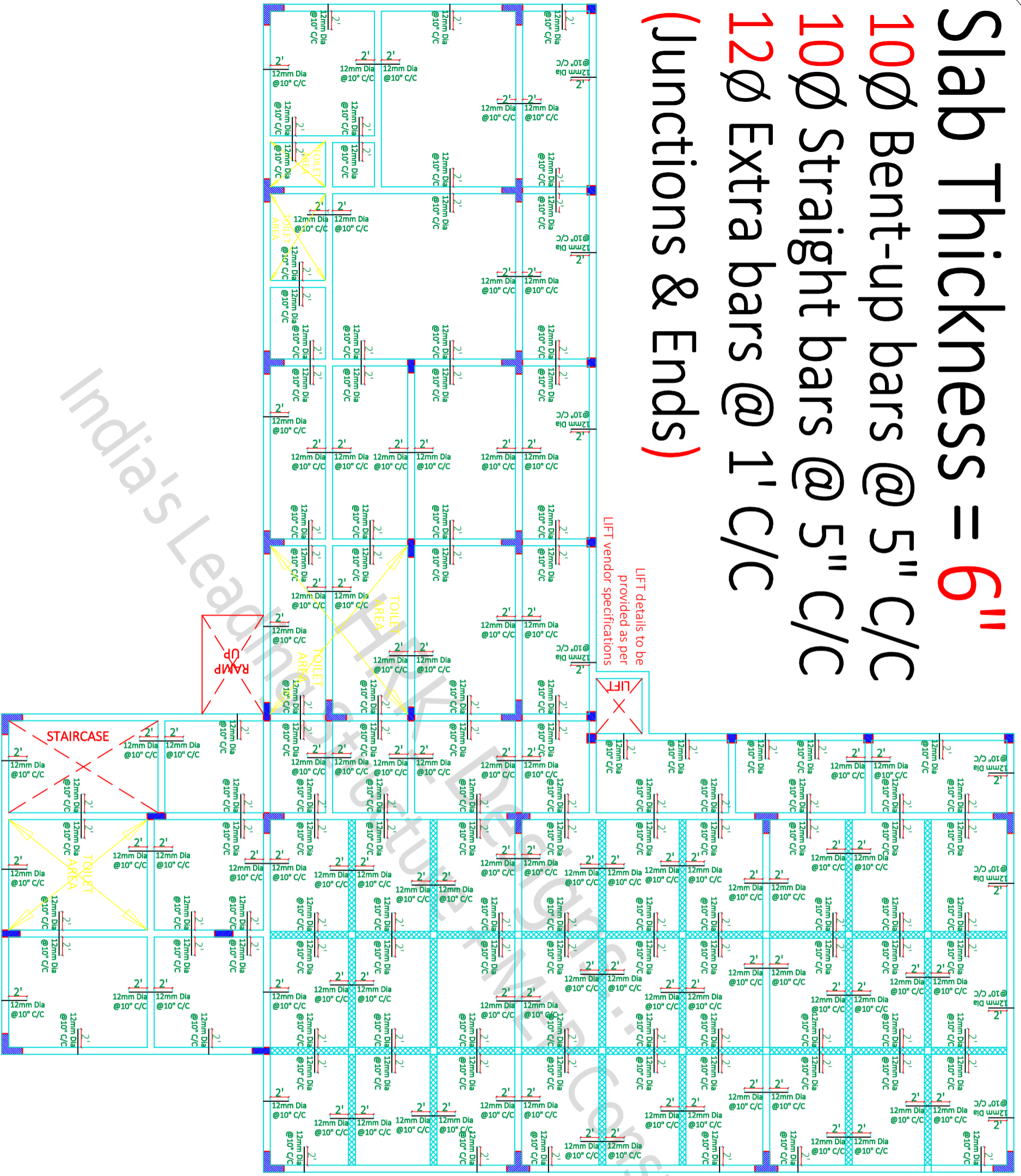


Figure - 4 Typical Slab Section for all the floors

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*
SHEET TITLE GOOD FOR CONSTRUCTION

SHEET - 23

SF SLAB DETAILS

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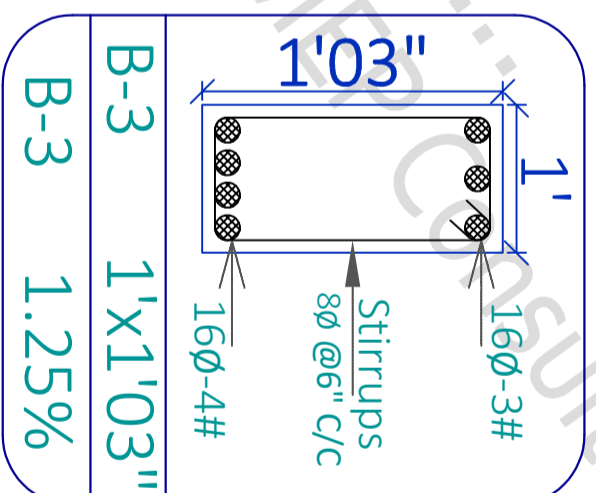
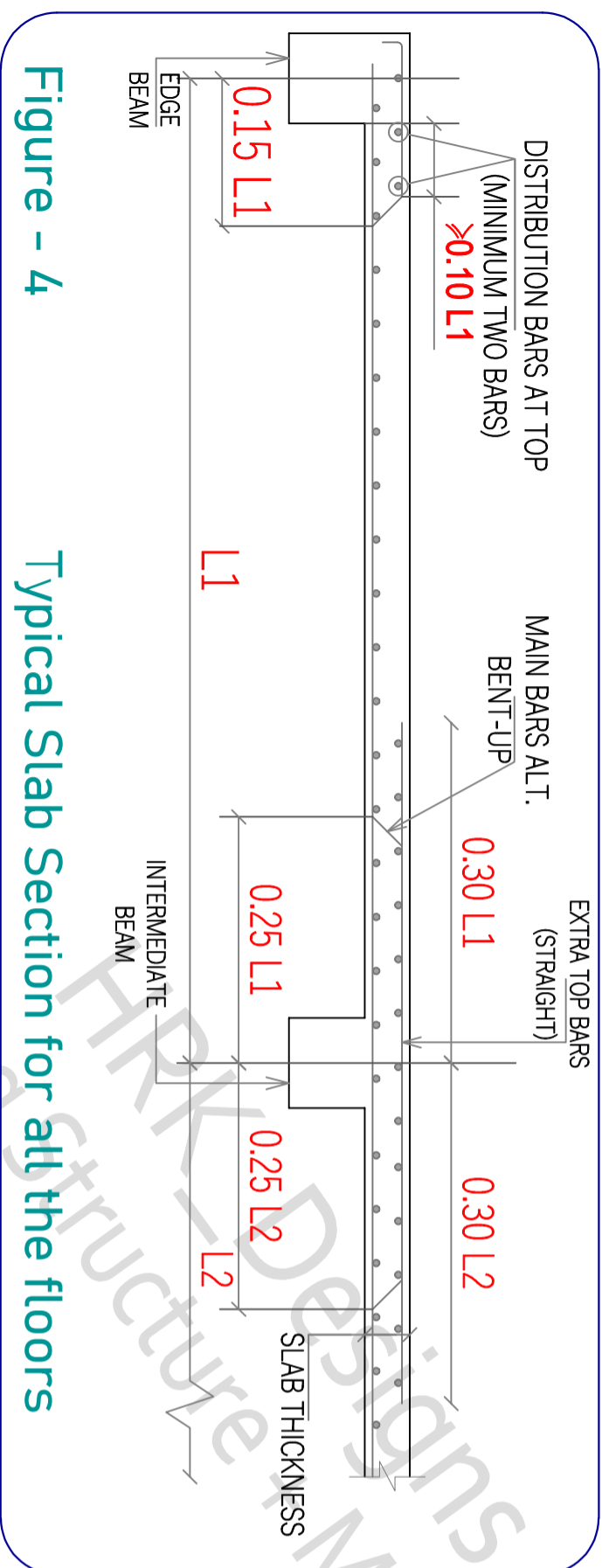
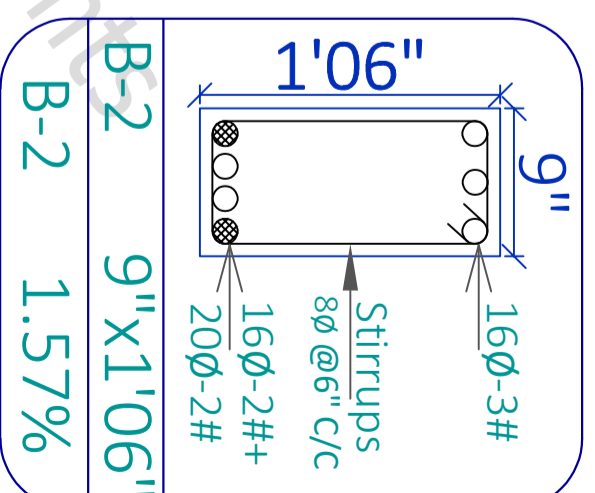
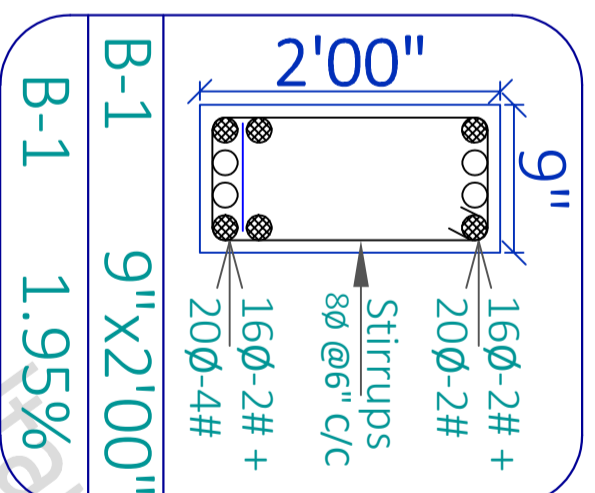
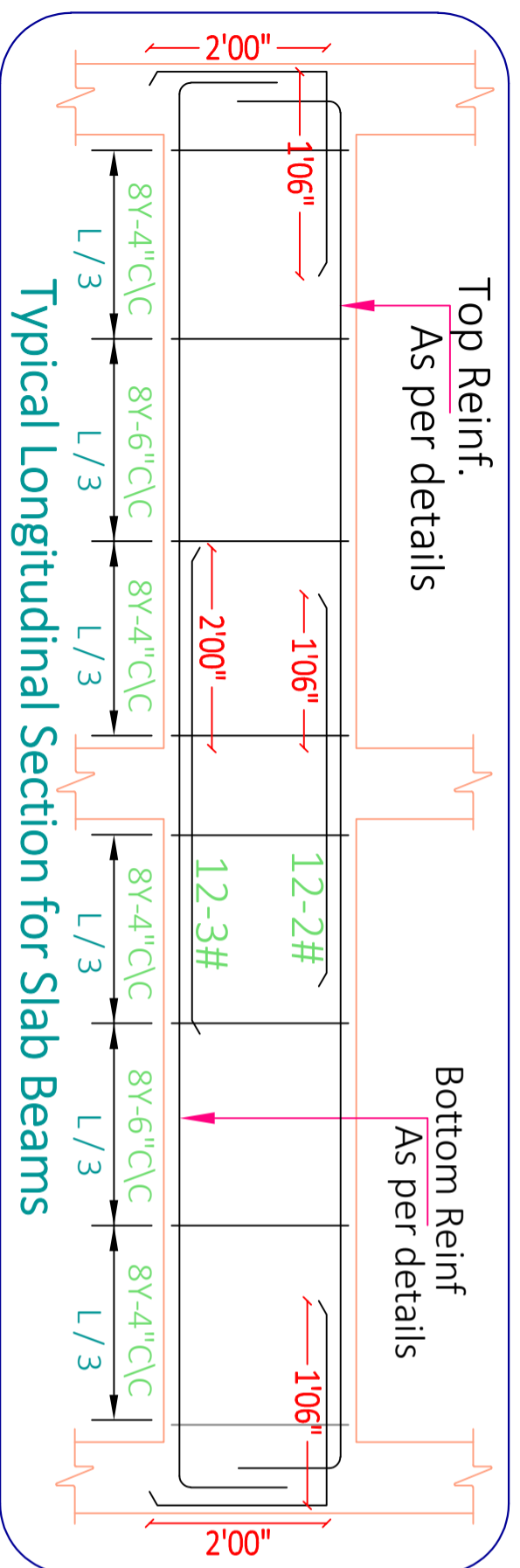
Drw No	SF SLAB DETAILS	Drw Table
Drw - 1	SF SLAB DETAILS	
Drw - 2	SF SLAB C/S DETAILS	
Drw - 3		

Arch Sign & Stamp
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Slab Thickness = 6"
10∅ Bent-up bars @ 5" C/C
10∅ Straight bars @ 5" C/C
12∅ Extra bars @ 1' C/C (Junctions & Ends)

Figure - 4

Typical Slab Section for all the floors

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*
SHEET TITLE GOOD FOR CONSTRUCTION

SHEET - 24

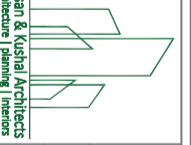
SF Beam & Reinfn Details

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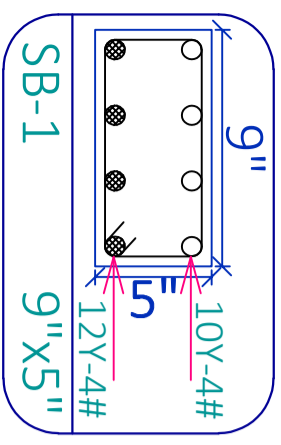
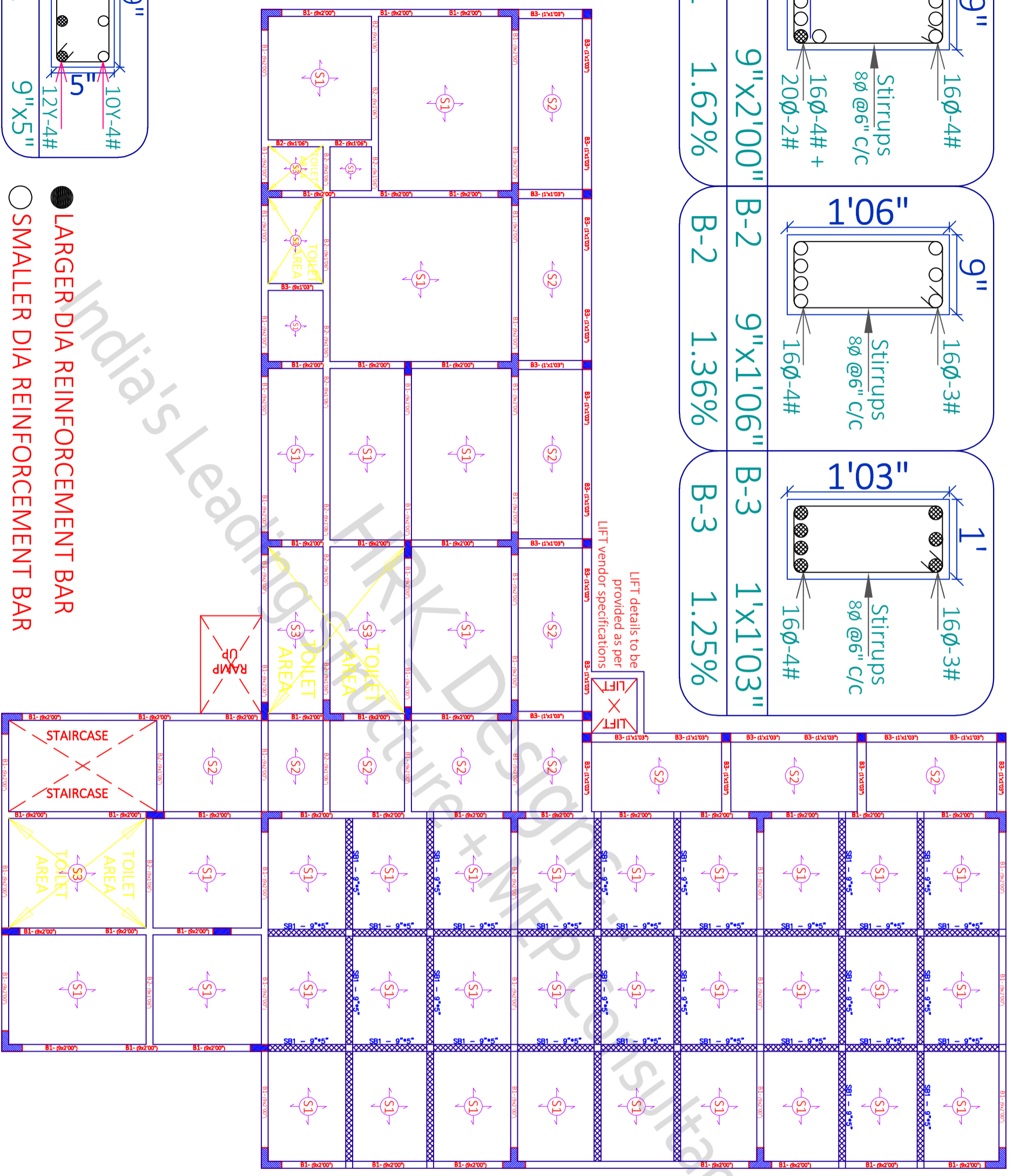
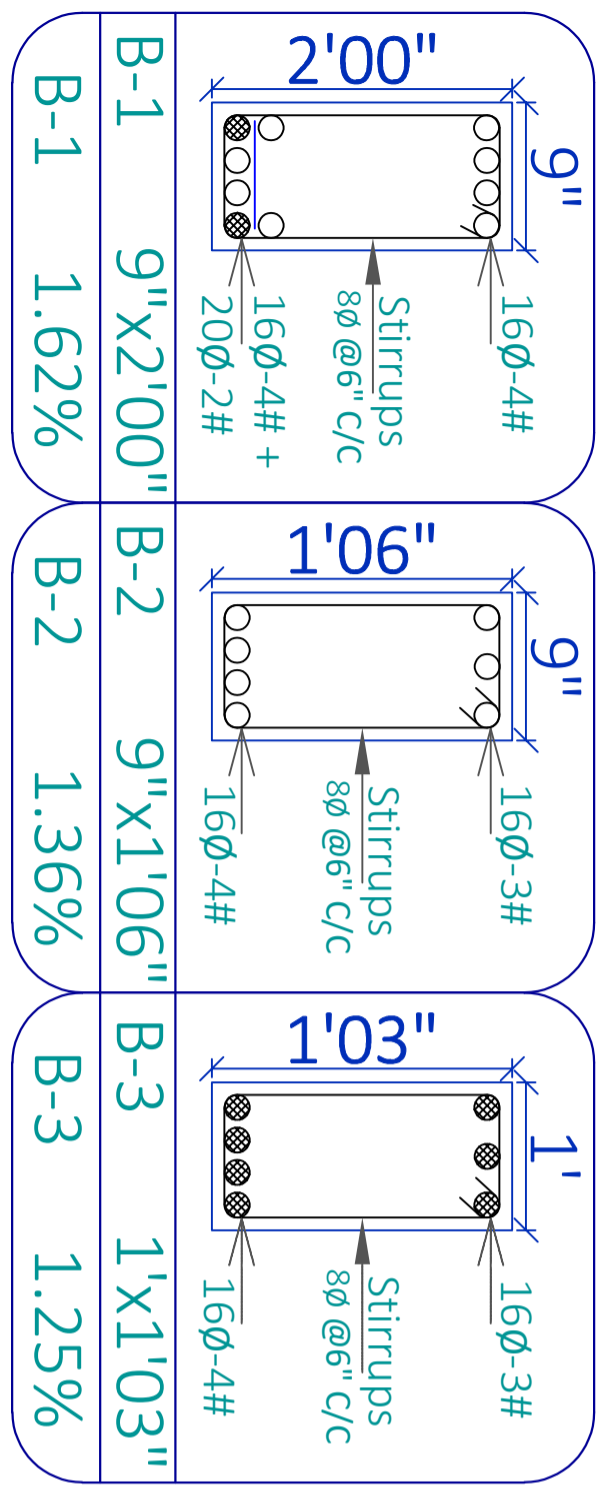
Drw No	Drw Title
Drw - 1	SF Beam C/S Details
Drw - 2	SF Slab C/S Details
Drw - 3	SF Beam & Slab Reinfn C/S Details

Arch Sign & Stamp	HRK DESIGNS STRUCTURE CONSULTANTS INDIA PVT LTD
Structure Sign & Stamp	HRK GFC
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- LARGER DIA REINFORCEMENT BAR
- SMALLER DIA REINFORCEMENT BAR

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 25

3F BEAM LAYOUT & DETAILS

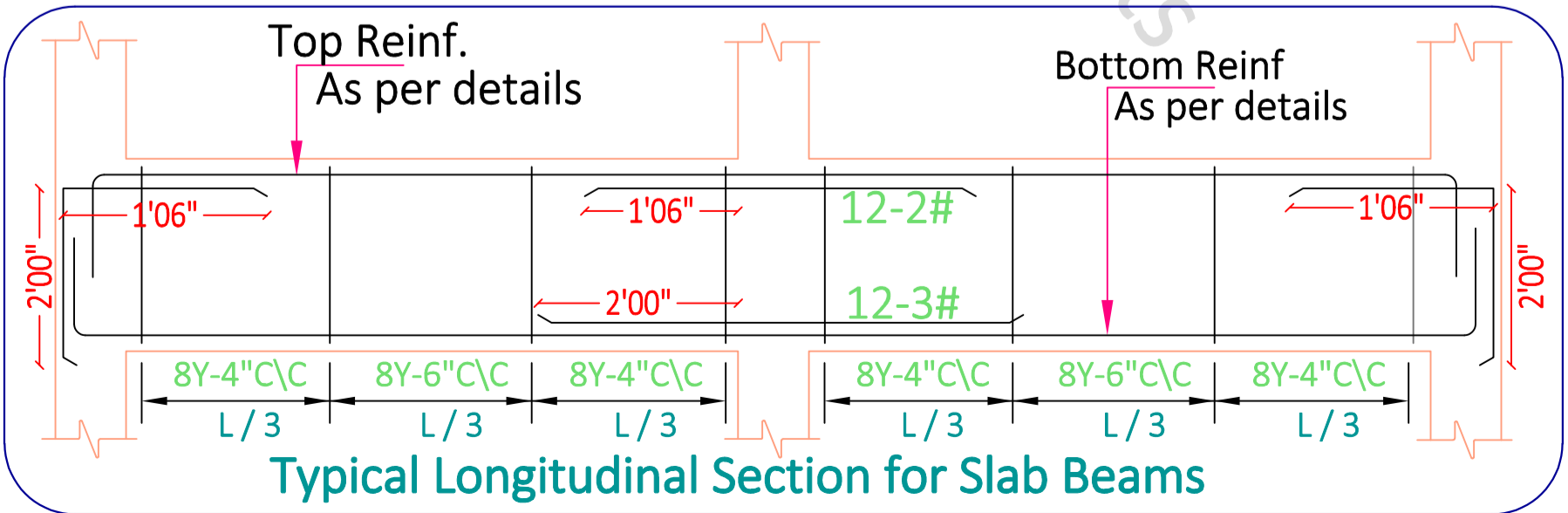
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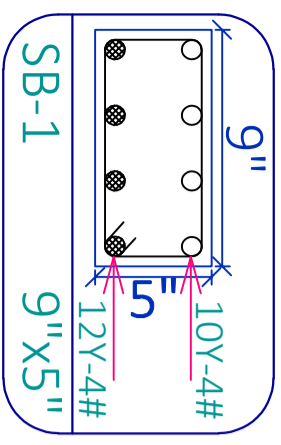
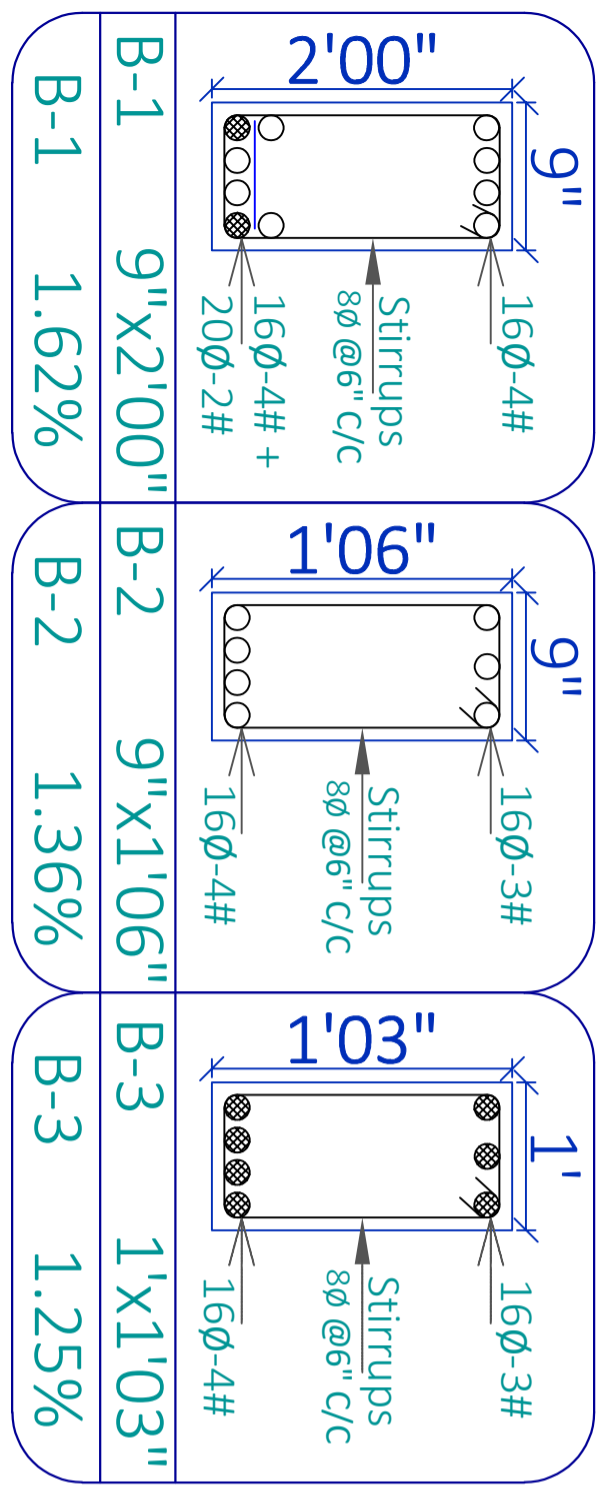
Drw No	Drw Title	Drw Table
Drw - 1	3F BEAM PLAN & LAYOUT DETAILS	Arch Sign & Stamp
Drw - 2	3F BEAM C/S DETAILS	HRK_GFC
Drw - 3		Structure Sign & Stamp

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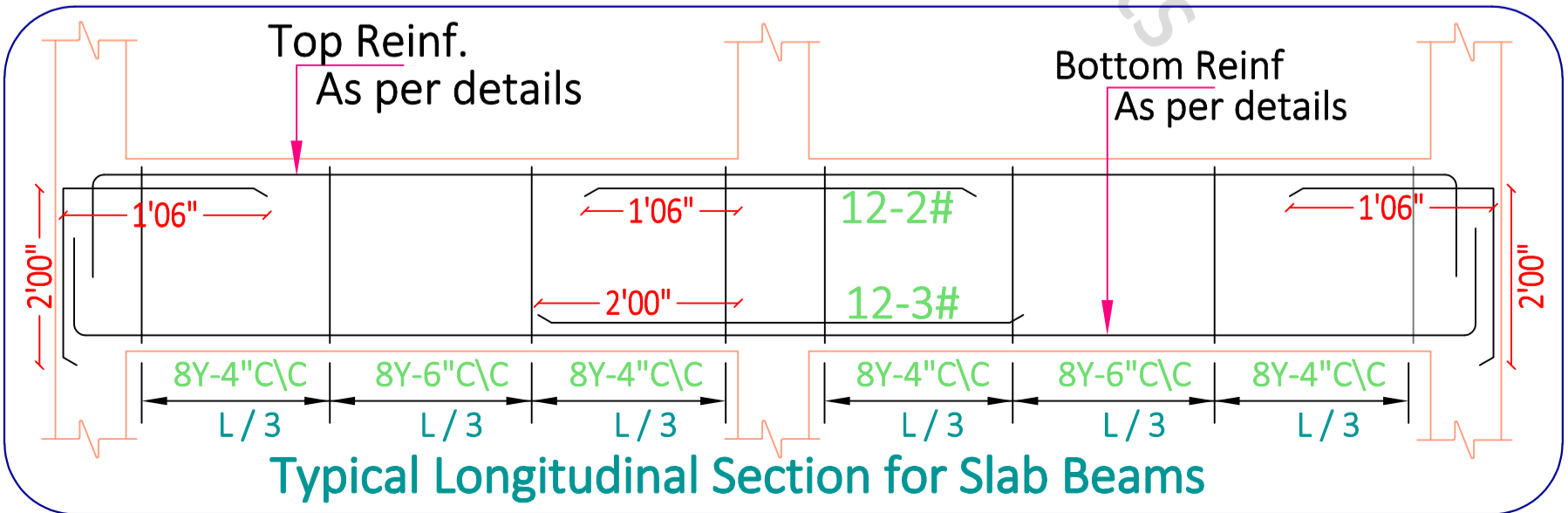
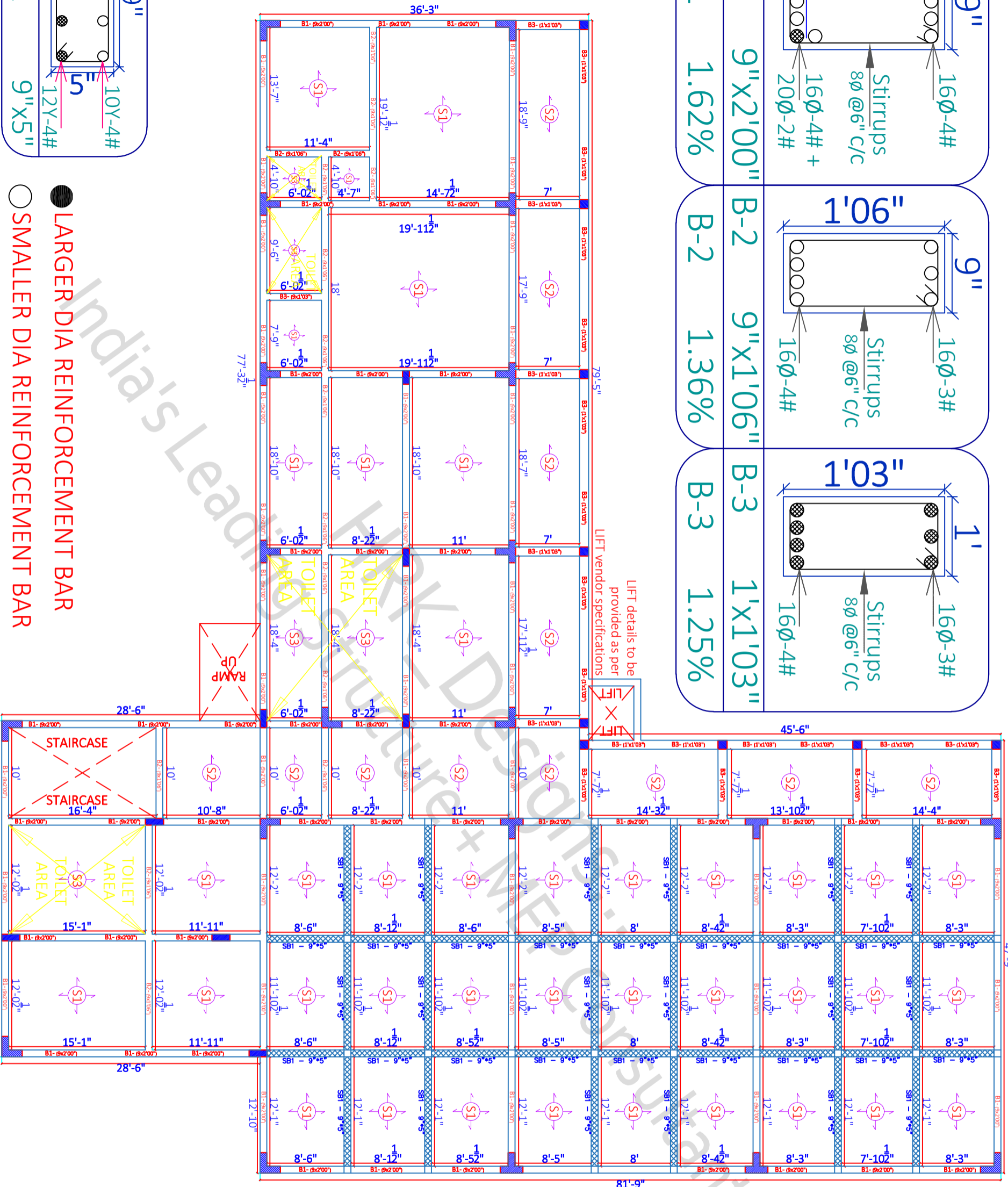
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- LARGER DIA REINFORCEMENT BAR
- SMALLER DIA REINFORCEMENT BAR



SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 26

3F BEAM LAYOUT & DETAILS

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SHEET TITLE	GOOD FOR CONSTRUCTION
Draw No	Draw Table
Draw - 1	3F BEAM PLAN & LAYOUT DETAILS
Draw - 2	3F BEAM C/S DETAILS
Draw - 3	

Arch Sign & Stamp
HRK_GFC
08.03.2022

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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)

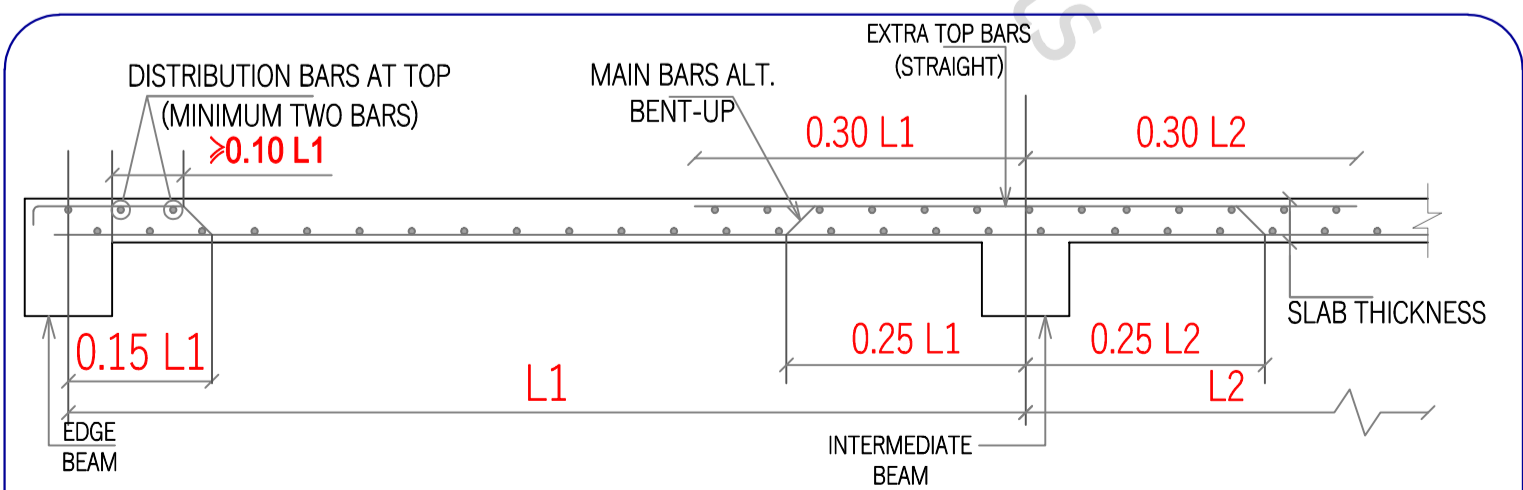
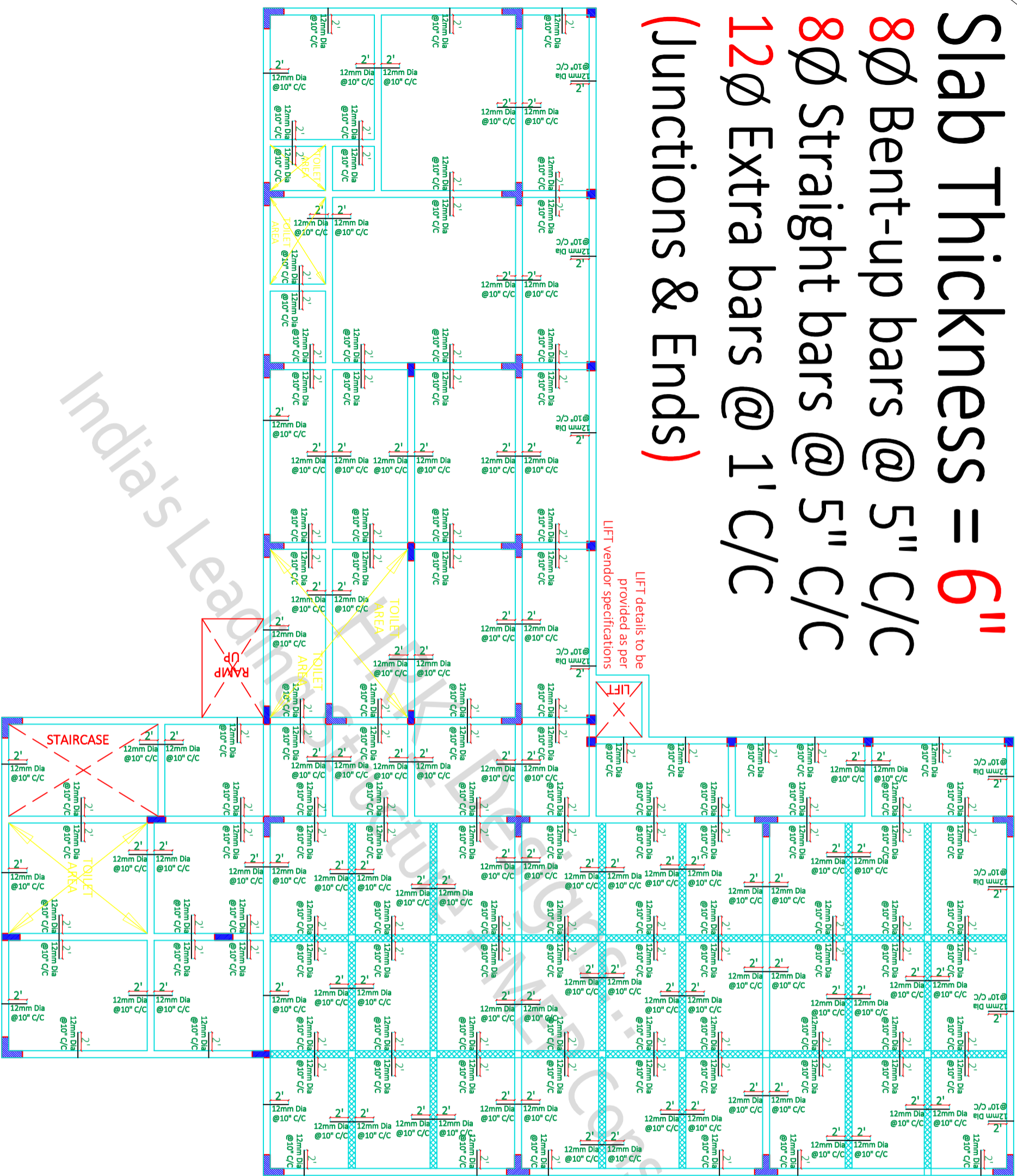


Figure - 4 Typical Slab Section for all the floors

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 27

3F SLAB DETAILS

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SHEET TITLE GOOD FOR CONSTRUCTION

Drw Table

Drw - 1 3F SLAB DETAILS

Drw - 2 3F SLAB C/S DETAILS

Drw - 3

Arch Sign & Stamp

HRK_GFC

08.03.2022

PROJECT BY:- PROJECT BY:-

Hasan and Kushal Architects Team

B1-316, Studio DLF, My Pad Vibhuti

Rd-316, Sector-14, Gurgaon

+91-6389451111

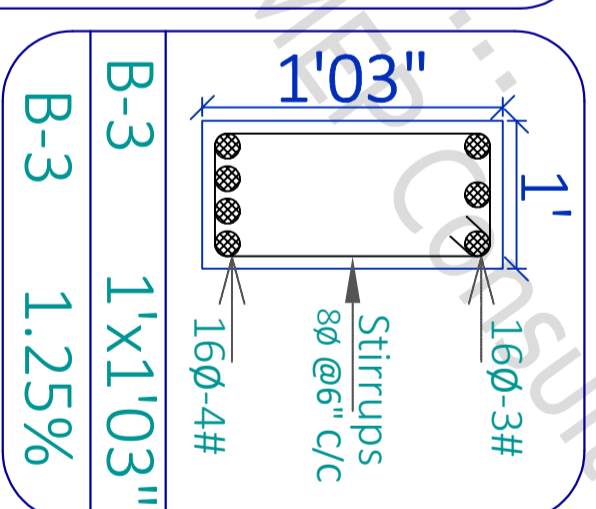
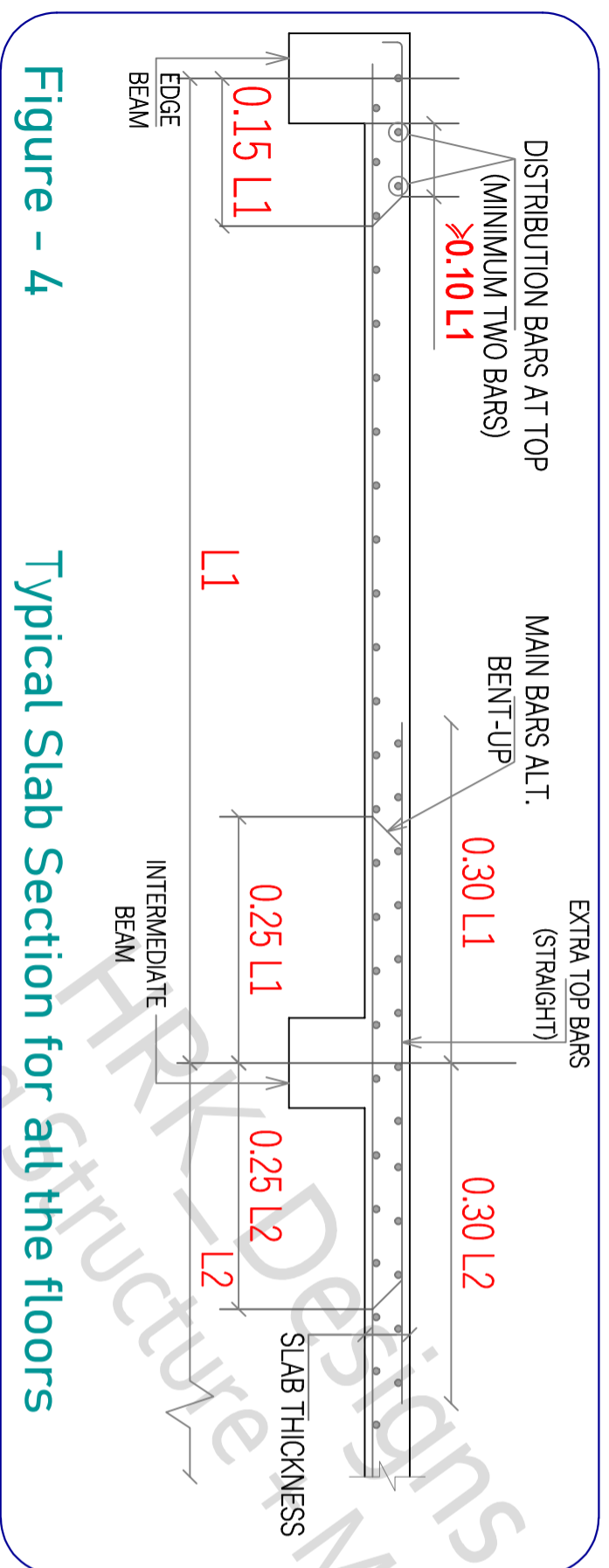
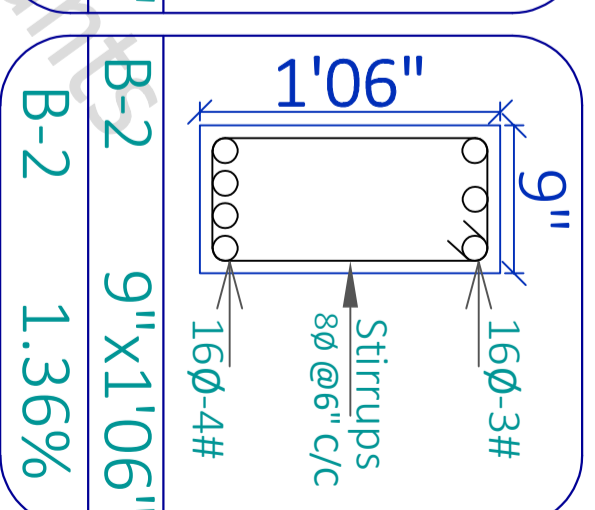
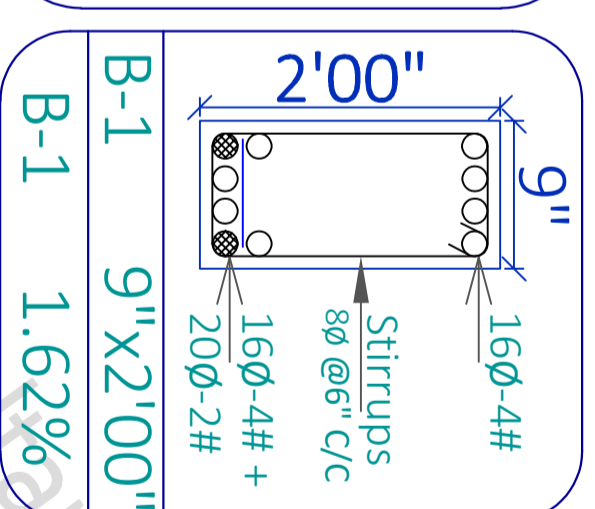
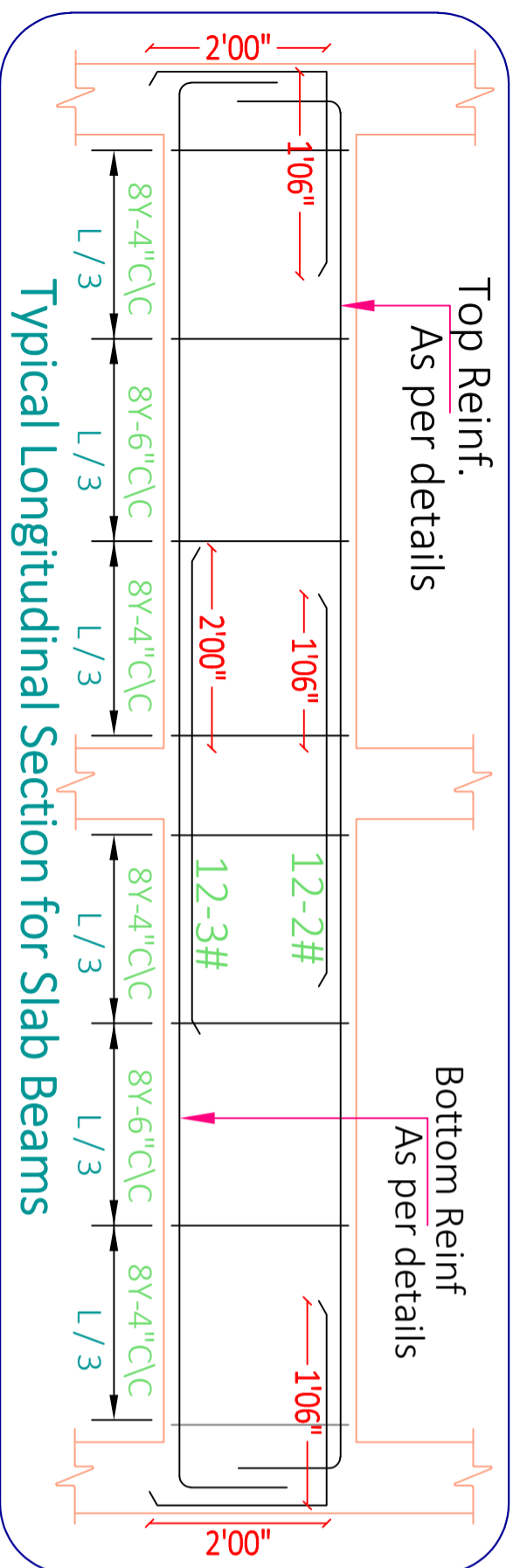
CHK AKA

DRW PH

HRK/Ar-H&K/GFC/13/11/22

HRKD/13/03/08/2022

HRK Designs



Slab Thickness = 6"
8∅ Bent-up bars @ 5" C/C
8∅ Straight bars @ 5" C/C
12∅ Extra bars @ 1' C/C (Junctions & Ends)

Figure - 4

Typical Slab Section for all the floors

SITE NOTES
IF ANY

08/03/2022 SCALE - NTS R-0 *A3 PRINTS*

SHEET - 28

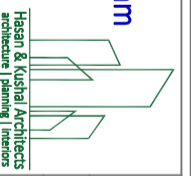
3F Beam & Reinfn Details

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SHEET TITLE	GOOD FOR CONSTRUCTION
Drw No	Drw Table
Drw - 1	3F Beam C/S Details
Drw - 2	3F Slab C/S Details
Drw - 3	3F Beam & Slab Reinfn C/S Details

Archi Sign & Stamp
 HRK DESIGNS STRUCTURE CONSULTANTS INDIA PVT LTD
 HRK_GFC
 08.03.2022
 Structure Sign & Stamp
 PwC/Contractor Sign & Stamp

PROJECT BY:- PROJECT BY:-
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