

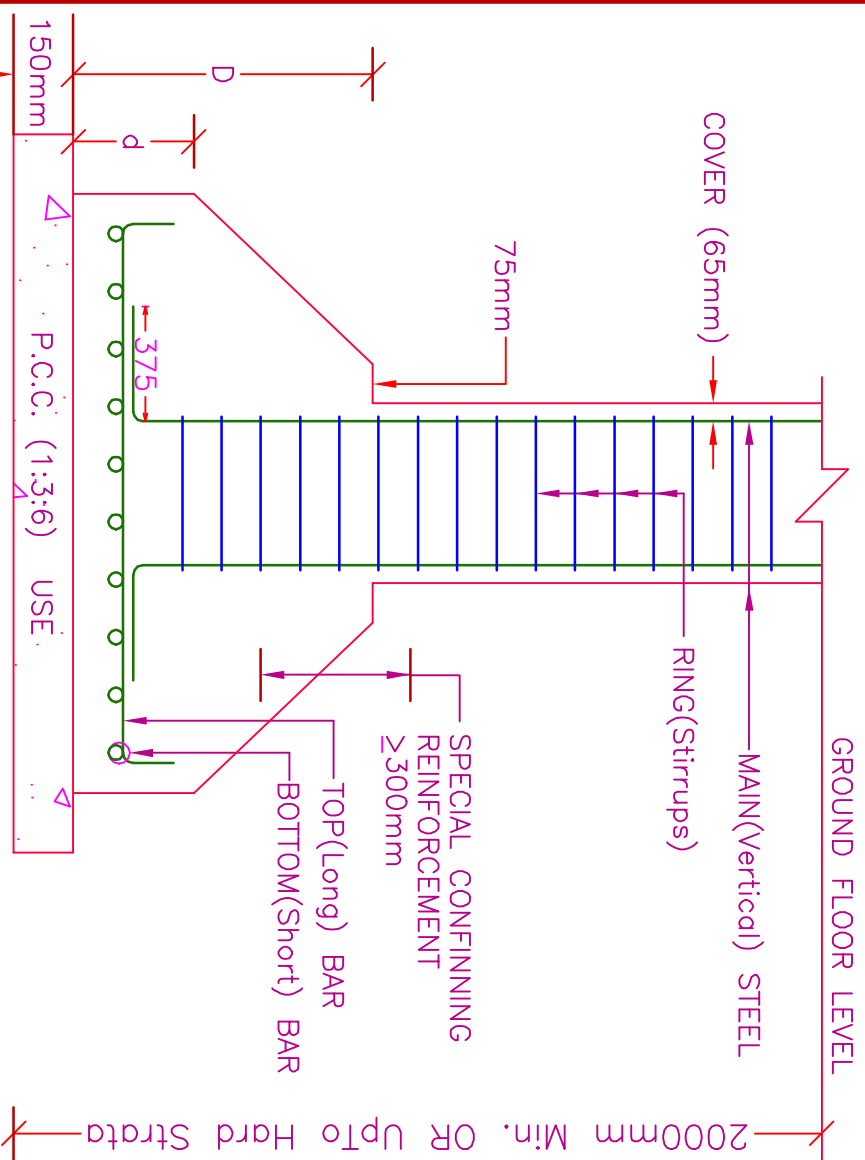
FOUNDATION PLAN OF COLUMN

PLAN SHOWING PROPOSED FOUNDATION PLAN PLAN SHOWING PROPOSED FOUNDATION PLAN "RAJKOT NAGRİK BANK" BHUJ - KUTCH

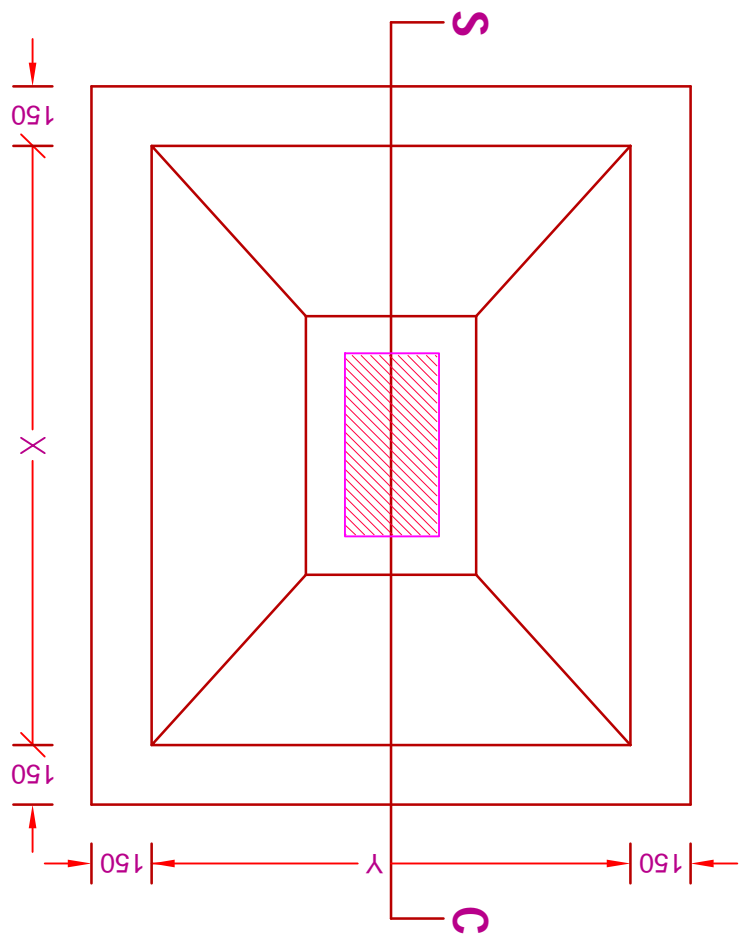
STRUCTURAL DESIGNER:-

SHEET No.-1

(M)-9408318457
ARCH CONSULTANT
KATRİA COMPLEX
OFFICE No.-4 B.C-WING
FIRST FLOOR,
RTO RELOCATION SITE
BHUJ - KUTCH



SECTION S-C



TYPICAL FOOTING DETAIL

FOOTING SCHEDULE:-

FOOTING TYPE	CONCRETE MIX	P.C.C. SIZE		FOOTING SIZE		FOOTING REINFORCEMENT		FOOTING DEPTH	
				X	Y	BOTTOM BAR	TOP BAR	d	D
F1	M25	1500	1500	1200	1200	12 #-150 c/c	12 #-150 c/c	225	600
F2	M25	1800	1500	1500	1200	12 #-150 c/c	12 #-150 c/c	225	600

NOTES:-

- [1] The Work Shall Be Executed To Comply With (IS:456:2000) , (IS:1893:2002) & (IS:13920:1993).
- [2] Concrete For All R.C.C. Work Shall Be M25 & W/C Ratio Not More Than 0.50.
- [3] In Fig. & T Table Ø Indicates Mild Steel Bars Confirming To IS:432 - Fe250 And In Fig. & Table # Indicates High Strengths Deformed Steel Bars Confirming To IS :1786 - Fe500.
- [4] Lap Length Should Be At Least 50(fifty) Times Diameter Of Bar.
- [5] Lap Shall Be Provided At Mid Length Of the Member.
- [6] Foundations To Rest On The Strata Approved By The Consulting Engineer Or Site Incharge.
- [7] Clear Cover For Footing Bottom=50mm & Footing Side=75mm.
- [8] All Dimention Should Be Checked Before Execution Of Work With Architectural Drawings.
- [9] Concrete Shall Be Done Only After Reinforcement Is Approved Br Structural Engineers.
- [10] Shuttering, Dshuttering & Concreting As Per IS Specification.
- [11] All Dimension Are In MM.

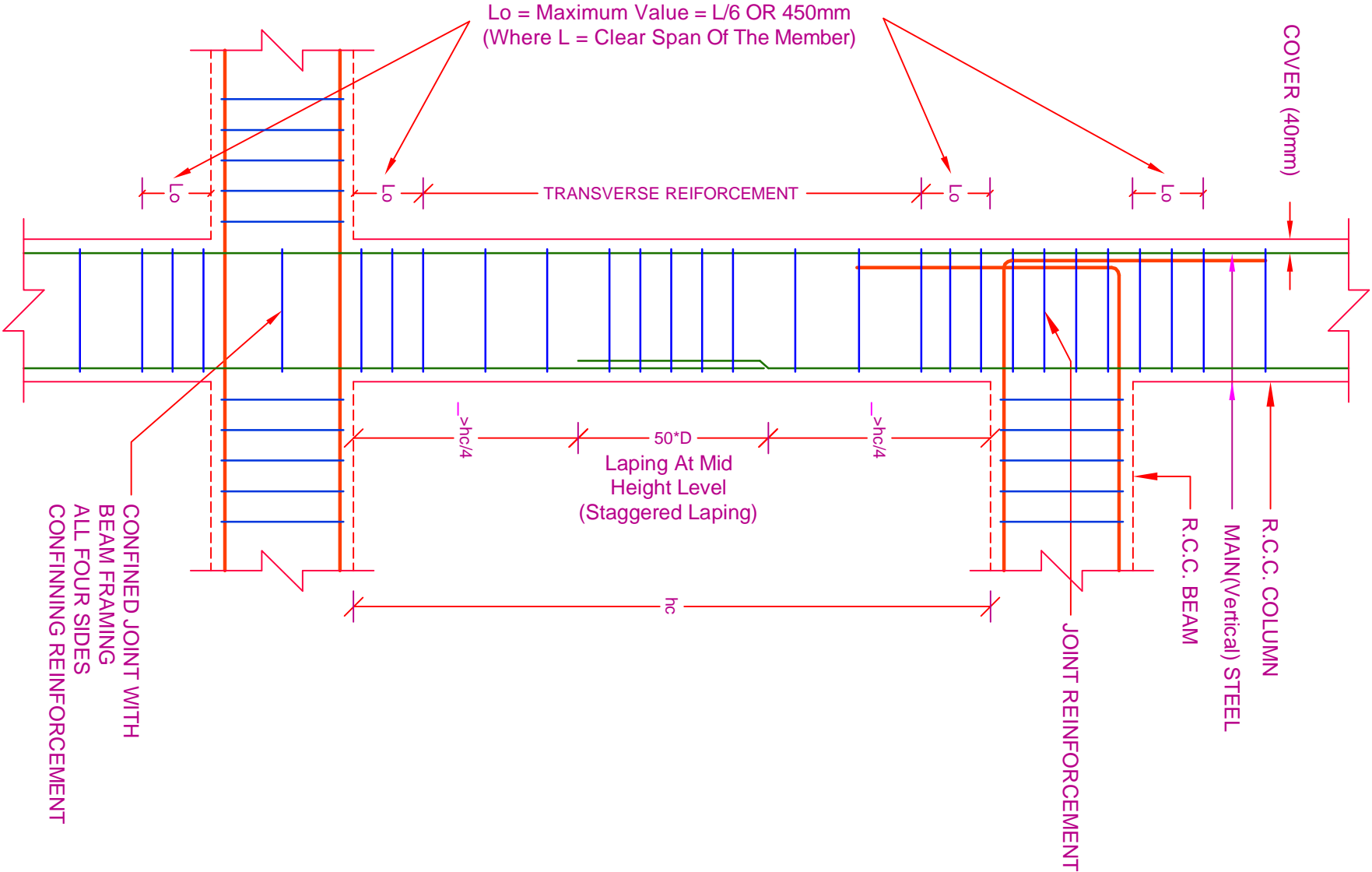
Plan Showing Proposed Typical Footing Detail & Schedule For "Rajkot Nagrik Bank" Bhuj - kutch

STRUCTURAL DESIGNER:-

SHEET No. -2

ARCH CONSULTANT

(M)-9408318457
KATIRA COMPLEX,
OFFICE No.-4 B,C-WING
FIRST FLOOR,
RTO RELOCATION SITE
BHUU - KUTCH



COLUMN & JOINT DETAILING

COLUMN SCHEDULE:-

Up To G.F. Slab Level			
COLUMN SHAPE			
MAIN (Vertical) STEEL	4No.-16# + 4No.-12#		4No.-12#
RING (Stirrups)	Four Legged 8#-100c/c at Junction AND 8#-150c/c at Center		Four Legged 8#-100c/c at Junction AND 8#-150c/c at Center
COLUMN SIZE	230 x 450		230 x 230
CONCRETE MIX	M25		M25
COLUMN No.	1 , 2 .		3 .

NOTES:-

- [1] The Work Shall Be Executed To Comply With (IS:456:2000) , (IS:1893:2002) & (IS:13920:1993).
- [2] Concrete For All R.C.C. Work Shall Be M25 & W/C Ratio Not More Than 0.40.
- [3] In Fig. & Table Ø Indicates Mild Steel Bars Confirming To IS:432 - Fe250 And In Fig. & I Table # Indicates High Strengths Deformed Stee Bars Confirming To IS :1786 - Fe500.
- [4] Lap Length Should Be At Least 50(fifty) Times Diameter Of Bar.
- [5] Lap Shall Be Provided At Mid Length Of the Member.
- [6] All Stirrups Shall Be Bent At An Angle=(45 of 135) & Length=(75mm).
- [7] Clear Cover For Column Below Ground=65mm & Above Ground=40mm.
- [8] All Dimention Should Be Checked Before Execution Of Work With Architectural Drawings.
- [9] Concrete Shall Be Done Only After Reinforcement Is Approved Br Structural Engineers.
- [10] Shuttering, Deshuttering & Concreting As Per IS Specification.
- [11] All Dimension Are In MM.

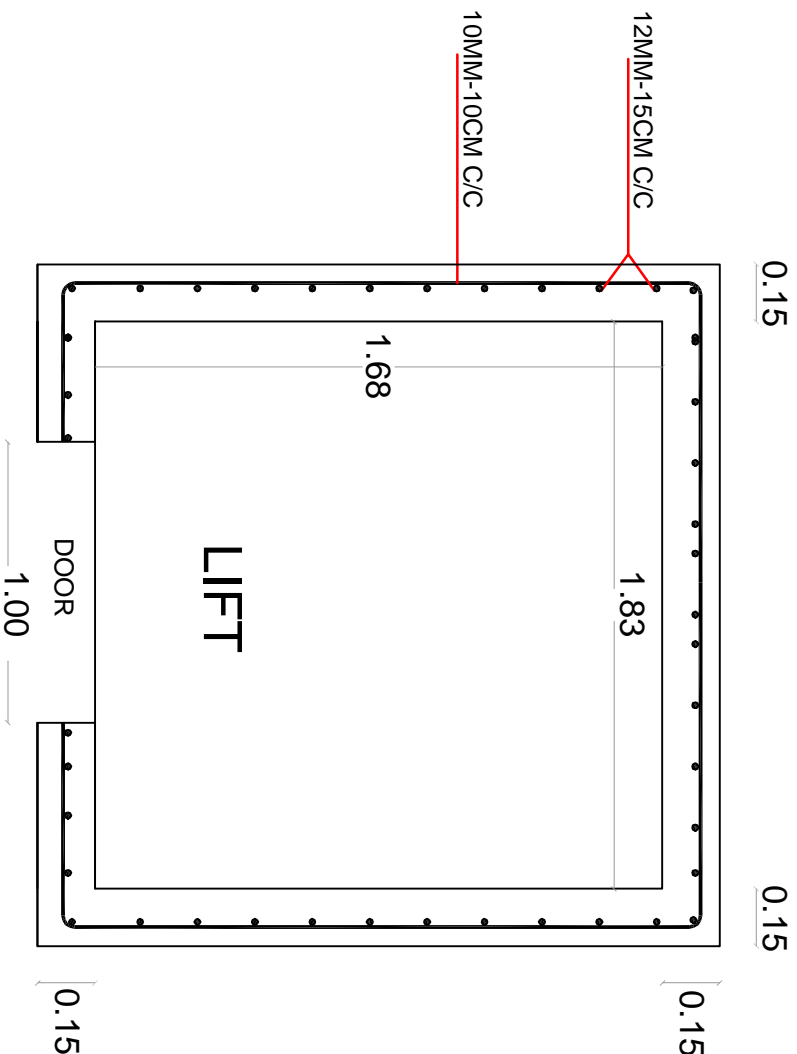
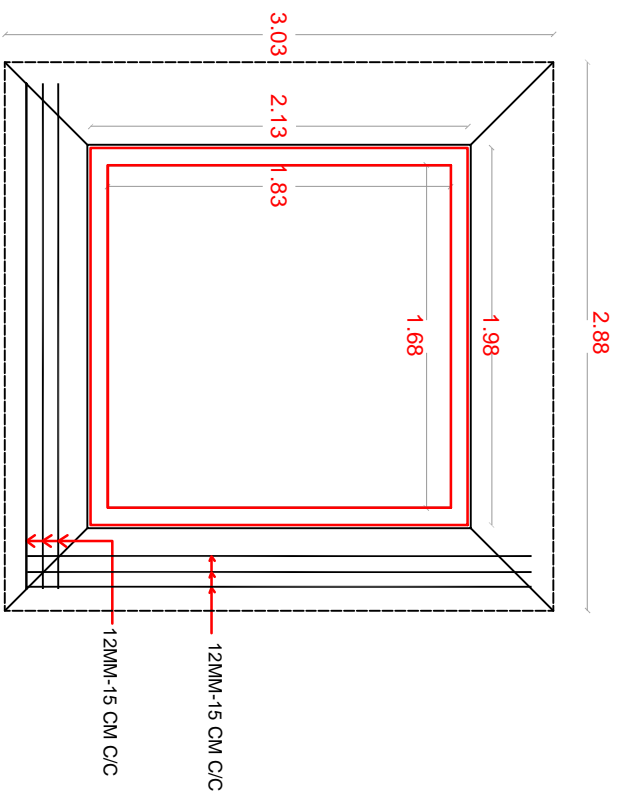
Plan Showing Proposed Typical COLUMN Detail & Schedule For "Rajkot Nagrik Bank" Bhuj - kutch

STRUCTURAL DESIGNER:-

SHEET No.-3

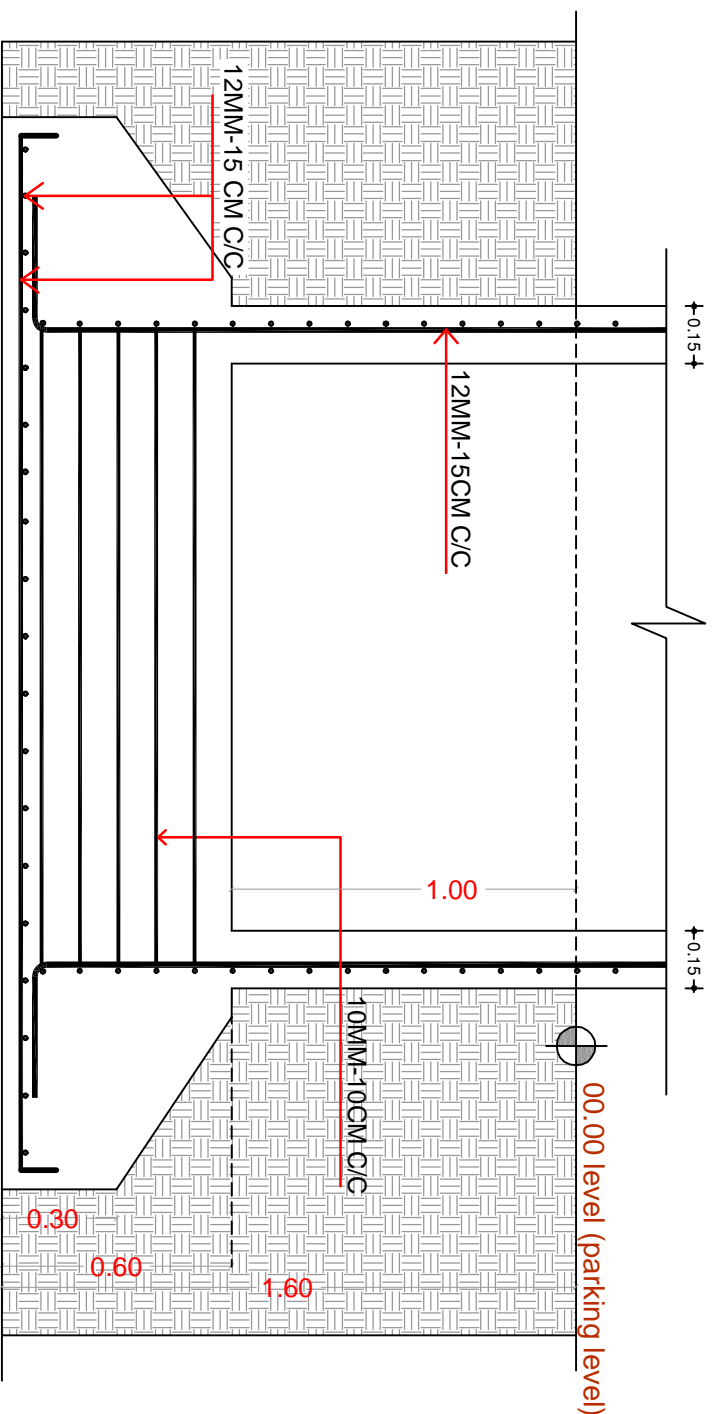
ARCH CONSULTANT

(M)-9408318457
KATIRA COMPLEX,
OFFICE No.-4 B,C-WING
FIRST FLOOR,
RTO RELOCATION SITE
BHUU - KUTCH



FOUNDATION PLAN (LIFT)

PLAN- LIFT WALL DETAIL



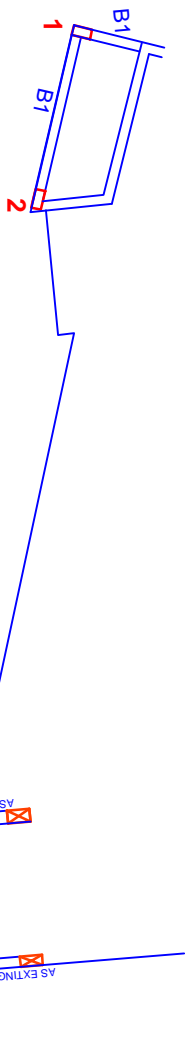
SECTIONAL ELEVATION

Plan Showing Proposed LIFT WALL FOUNDATION Detail
& Schedule For "Rajkot Nagrik Bank" Bhuj - kutch

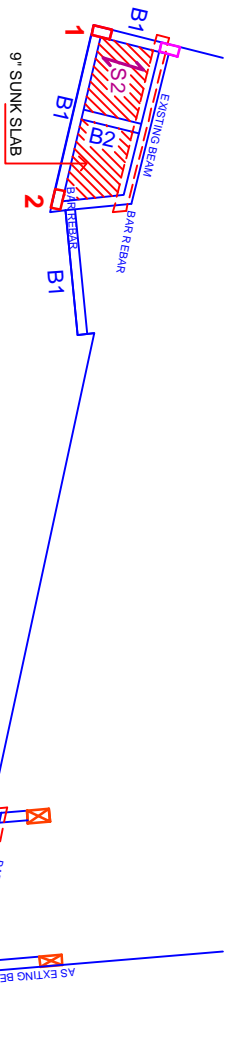
STRUCTURAL DESIGNER:--

SHEET No.-4

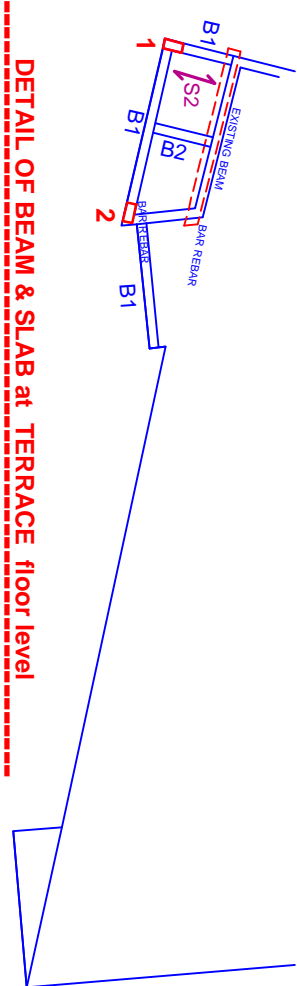
ARCH CONSULTANT
(M)-9408319457
KATRIBA COMPLEX
OFFICE No.-4 B.C-WING
FIRST FLOOR,
RTO RELOCATION SITE
BHUJ - KUTCH



DETAIL OF TIE BEAM at GROUND (parking) level



DETAIL OF BEAM & SLAB at GROUND &FIRST floor level



DETAIL OF BEAM & SLAB at TERRACE floor level

SLAB MARK	CONCRETE MIX	DEPTH (MM)	SHORT SPAN STEEL (Bottom Main)	LONG SPAN STEEL (Top Distribution)	REMARKS
S1	M25	130	10# - 150mm c/c	10# - 150mm c/c	One Way
S2	M25	130	10# - 150mm c/c	10# - 150mm c/c	One Way SUNK=300mm

SCHEDULE OF R. C. C. SLAB:-

FLOOR BEAM DETAILS & SCHEDULE

BEAM MKD.	CONCRETE MIX		BEAM SIZE		REINFORCEMENT		RING (Stirrups)	
	B	D	BOTTOM BAR	TOP BAR	AT JUNCTION	AT CENTER		
B1	M25	230	450	3 - 12#	8# - 100c/c	8# - 150c/c		
B2	M25	150	450	2 - 12#	8# - 100c/c	8# - 150c/c		
B3	M25	230	230	2 - 12#	8# - 100c/c	8# - 150c/c		
LINTEL	M25	150	230	2 - 10#	8# - 150c/c	8# - 150c/c		

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- [2] Concrete For All R.C.C. Work Shall Be M25 & W/C Ratio Not More Than 0.50.
- [3] In Fig. & Table Ø Indicates Mild Steel Bars Confirming To IS:432 - Fe250 And In Fig. & Table # Indicates High Strengthe Deformed Steel Bars Confirming To IS :1786 - Fe500.
- [4] Lap Length Should Be At Least 50(fifty) Times Diameter Of Bar.
- [5] Lap Shall Be Provided At Mid Length Of the Member.
- [6] All Stirrups Shall Be Bent At An Angle=(45 of 135) & Length=(75mm).
- [7] Clear Cover For Beam 25mm.
- [8] All Dimention Should Be Checked Before Execution Of Work With Architectural Drawings.
- [9] Concrete Shall Be Done Only After Reinforcement Is Approved Br Structural Engineers.
- [10] Shuttering, Deshuttering & Concreting As Per IS Specification.
- [11] All Dimension Are In MM.
- [12] First Stirrups In Beam Shall Be 50mm Away From The Face Of Column.
- [13] Top Extra Bar(Steel) = L/3 Over Support.

Plan Showing Proposed Typical BEAM and SLAB
Details & Schedule For "Rajkot Nagrik Bank" Bhuj - kutch

STRUCTURAL DESIGNER:-

SHEET No.-5

ARCH CONSULTANT

KATIRA COMPLEX,
OFFICE No.-4 B,C-WING
FIRST FLOOR,
RTO RELOCATION SITE
BHUU - KUTCH

(M)-9408318457