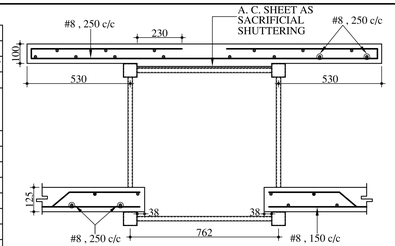
BEAM SCHEDULE:-

BEAM NO.	SIZE	BOTTOM BARS				TOP BARS			STIRRUPS							
		STR	CUT BARS			STR	CUT BARS		LEFT			CENTRE		RIGHT		
			CENT	LEFT	RIGHT		LEFT	RIGHT	DIA	SPC	DIST	DIA	SPC	DIA	SPC	DIST
B1,B27	230 x 425	2#12	---	---	---	2#12	1#12	1#12	8	100	800	8	200	8	100	800
B2 to B5,B9 to B12, B14 to B25, B28 to B31,B35 to B38	230 x 300	2#12	---	---	---	2#12	1#12	1#12	8	100	800	8	200	8	100	800
B6,B32	230 x 300	2#12	---	---	1#12	2#12	---	2#16	8	100	800	8	200	8	100	800
B7,B33	380 x 680	2#25	2#25	---	---	2#20	2#16	2#16	10	125	1500	8	200	10	125	1500
B8,B34	230 x 300	2#12	---	1#12	---	2#12	2#16	---	8	100	800	8	200	8	100	800
B13,B39	230 x 300	2#12	---	---	---	2#12	1#12	1#12	8	100	800	8	200	8	100	800
B26	230 x 300	2#12	---	---	1#12	2#12	1#12	1#12	8	100	800	8	200	8	100	800
B40	230 x 425	2#12	1#12	---	1#12	2#12	1#16	1#20	8	100	800	8	200	8	100	800
B41	230 x 425	2#16	1#20	---	---	2#16	2#20	2#20	8	100	800	8	200	8	100	800
B42,B47,B48	230 x 425	2#12	---	---	---	2#12	1#20	1#20	8	100	800	8	200	8	100	800
B43	230 x 425	2#12	1#12	1#12	---	2#12	1#20	1#16	8	100	800	8	200	8	100	800
B44	300 x 725	2#25	2#20	---	1#20	2#25	1#25	4#25	10	125	1125	8	200	10	125	1125
B45	300 x 725	2#25	1#20	1#20	---	2#20	4#25	1#25	10	125	1125	8	200	10	125	1125
B46	230 x 425	2#12	1#12	---	---	2#12	1#16	1#20	8	100	800	8	200	8	100	800
B49	230 x 425	2#12	1#12	---	---	2#12	1#20	1#16	8	100	800	8	200	8	100	800
B50 (INVERTED)	230 x 425	2#12	1#12	---	---	2#12	1#12	1#12	8	100	800	8	200	8	100	800



SECTION "A - A"
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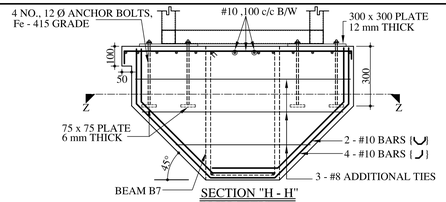

SECTION "H - H"
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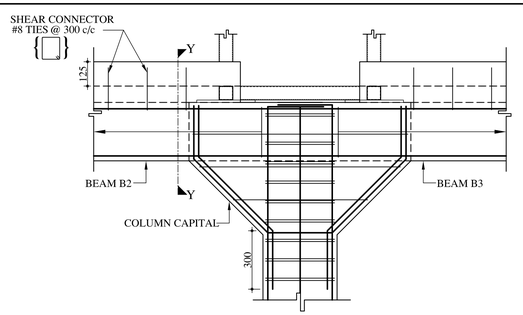

SECTION "G - G"
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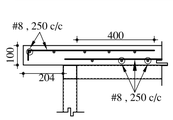

SECTION "D - D"
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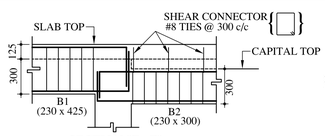

SECTION "F - F"
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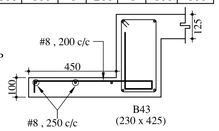

SECTION "B - B"
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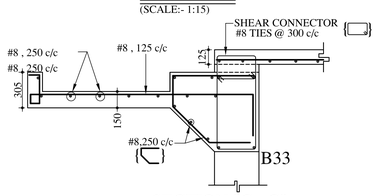

SECTION "C - C"
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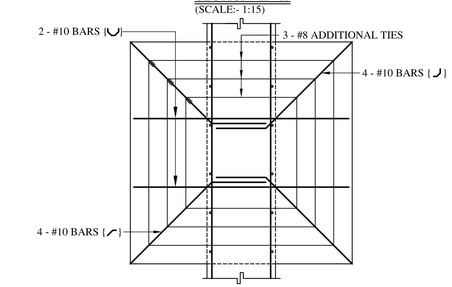

SECTION "Z - Z"
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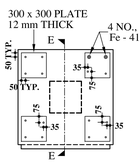
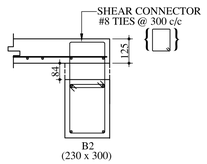
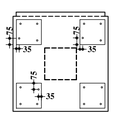


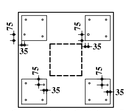
EAST SIDE CAPITAL
DETAIL " P "
(SCALE:- 1:35)



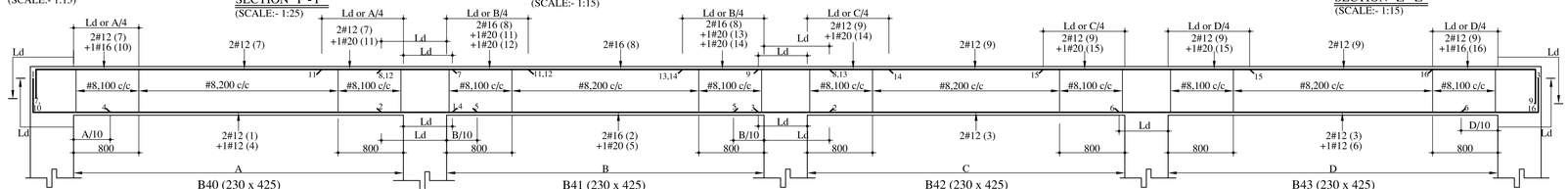
SECTION "Y - Y"
(SCALE:- 1:15)



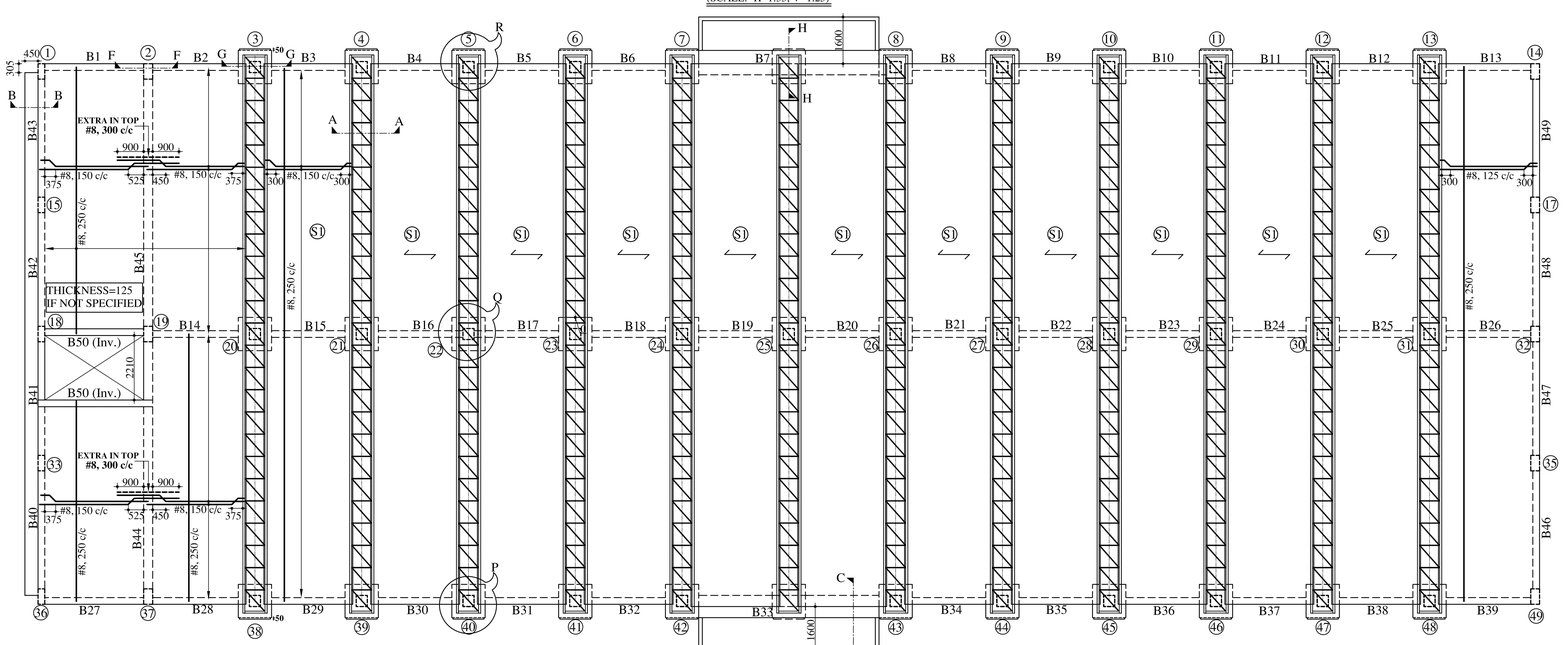
WEST SIDE CAPITAL
DETAILS " R "
(SCALE:- 1:35)



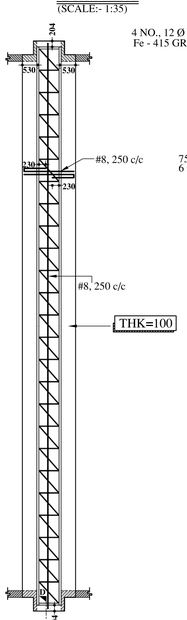
CENTRAL CAPITAL
DETAILS " Q "
(SCALE:- 1:35)



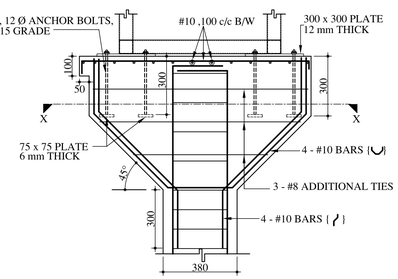
(SCALE:- H- 1:35, V- 1:25)



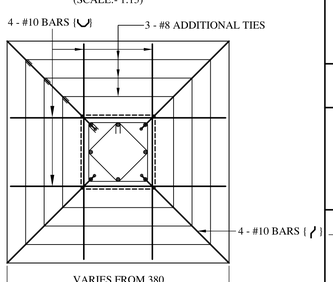
FRAMING PLAN AT BOTTOM SLAB LEVEL
(SCALE:- 1:100)



TYPICAL FRAMING PLAN AT TOP SLAB LEVEL
(SCALE:- 1:100)



SECTION "E - E"
(SCALE:- 1:15)



SECTION "X - X"
(SCALE:- 1:15)

NOTES:-

1) REFER NOTES ON DRG. NO. 608.1 & 608.2
2) REFER DRG. NO. 608.2 ALONG WITH THIS DRAWING.
3) BEAM DEPTH IS INCLUSIVE OF SLAB THICKNESS.
4) BEAM BOTTOM AND TOP STRAIGHT BARS ARE TO BE ANCHORED IN TO SUPPORT FOR Ld.
5) BEAM BOTTOM CUT BARS IN CENTRE ARE TO BE CURTAILED AT L/10 FROM FACE OF SUPPORT.
6) BEAM BOTTOM AND TOP CUT BARS AT ENDS ARE TO BE EXTENDED FOR Ld OR L/4, WHICHEVER IS MORE, FROM FACE OF SUPPORT TOWARDS CENTRE AND ARE TO BE ANCHORED IN TO SUPPORT FOR Ld.
7) TOP BARS OF CANTILEVERS ARE TO BE EXTENDED FOR Ld OR L/4, WHICHEVER IS MORE IN TO ADJACENT SPAN.
8) DIMENSIONS ARE TO BE READ AND NOT MEASURED.
9) ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER IN CHARGE, BEFORE FURTHER PROGRESS OF THE WORK.

Ld = DEVELOPMENT LENGTH OF THE BAR = 50 x DIA . OF BAR.
L = CLEAR SPAN OF THE BEAM.

REV. NO.	REV. DATE	REVISION DETAILS	APPD. BY

	NAME	SIGN	DATE
DRAWN BY:-			
CHECKED BY:-			
APPROVED BY:-			

PRINCIPAL CLIENT :-

ARCHITECT:-

PROJECT TITLE:-

DRG. NO.

DRAWING TITLE:-
R. C. DETAILS FOR CONCRETE DECK ON STEEL PORTAL FRAME

LAKHLANI ASSOCIATES
CIVIL AND STRUCTURAL ENGINEERS
SHREE SOCIETY MAIN ROAD
Nr. SURYAMUKHI HANUMAN TEMPLE
NANA MAVA MAIN ROAD
NEXT TO VIVEKANAND SCHOOL
RAJKOT - 360 001
PHONE : +91 281 247 51 60
E-mail : contact@lakhlani.com
Web : www.lakhlani.com