

SCHEDULE OF RCC BEAMS:-

S NO	TYPE OF BEAM	BREADTH IN MM	DEPTH MM	BOTTOM BARS				TOP BARS		EXTRA BARS AT				STIRRUPS AT SUPPORTS		STIRRUPS AT MID SPAN		SKIN BARS EACH FACE		REMARKS
				STRAIGHT "a"		EXTRA "b"		STRAIGHT HANGER BARS "c"		TOP OF CONT. SUPPORT BARS "c"		TOP OF DISCONT. BUT MONOLITHIC SUPPORT "d"								
				DIA#	NOS	DIA#	NOS	DIA#	NOS	DIA#	NOS	DIA#	NOS	DIA#	NOS	DIA#	SPACING C/C	DIA#	SPACING C/C	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	PB1	300	600	16	3	-	-	16	3	-	-	-	-	10	90	10	150			
2	PB2	300	500	16	3	-	-	16	3	-	-	-	-	10	90	10	150			
3	PB3	350	600	16	3	-	-	16	3	16	2	16	2	10	90	10	150			
4	PB4	350	650	16	4	-	-	16	4	-	-	-	-	10	90	10	150			
5	LB1	200	450	16	2	-	-	16	2	-	-	-	-	10	90	10	150			
6	LB2	300	600	16	3	-	-	16	3	-	-	-	-	10	90	10	150			
7	LB3	300	450	16	2	-	-	12	2	-	-	-	-	10	90	10	150			
8	LB4	300	600	16	3	-	-	16	3	16	2	16	2	10	90	10	150			
9	RB1	300	500	16	3	-	-	16	3	-	-	-	-	10	150	10	150			
10	RB2	350	650	16	3	16	2	16	3	16	2	16	2	10	90	10	150			
11	RB3	300	500	16	3	-	-	16	3	-	-	-	-	10	90	10	150			
12	RB4	350	650	16	3	16	3	16	3	16	3	16	3	10	90	10	150			
13	LB	100/200	350	12	2	-	-	12	2	-	-	-	-	10	150	10	150			

NOTE: LB (CUT) LINTEL SHALL BE PROVIDED ABOVE WINDOW AND DOOR OPENINGS WITH 150MM BEARING ON BOTH SIDES MATCHING THE WALL THICKNESS. BOTTOM LEVEL OF LB BEAMS REF. ARCH.

SCHEDULE OF SLABS

SNO NOS	SLABS	THICKNESS (IN MM)	MAIN BARS (AT BARS CRANKED AT SUPPORT)				EXTRA BARS (AT TOP OVER END SUPPORT)				REMARKS
			SHORT SPAN		LONG SPAN		SHORT SPAN		LONG SPAN		
			DIA	SPACING	DIA	SPACING	DIA	SPACING	DIA	SPACING	
1	GS1	200 (ONE WAY)	10 #	125 C/C	10 #	125 C/C	10 #	250 C/C	10 #	250 C/C	} _____
2	GS2	200 (TWO WAY)	10 #	150 C/C	10 #	150 C/C	10 #	300 C/C	10 #	300 C/C	
3	RS1	200 (ONE WAY)	10 #	150 C/C	10 #	150 C/C	10 #	300 C/C	10 #	300 C/C	
4	RS2	200 (ONE WAY)	10 #	150 C/C	10 #	150 C/C	10 #	300 C/C	10 #	300 C/C	

- NOTE
- IN CASE OF 2 WAY SLABS TORSIONAL REINFORCEMENT SHALL BE PROVIDED AS PER TYPICAL DETAILS
 - DISTRIBUTION BARS OF 8# SHALL BE PROVIDED AT 200C/C
 - IN ONE WAY SLAB NO CRANKING IN BARS IN LONG SPAN.

NOTES

- ALL DIMENSIONS AND LEVELS GIVEN ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- FIGURED DIMENSIONS ONLY SHALL BE FOLLOWED.

03-03-23	NOTES ADDED FOR SCH OF SLAB	
03-03-23	IN SCH OF SLAB REMARKS ADDED	
DATE	DESCRIPTION	SIGN
REVISIONS		

VETTED BY

ALL DETAILS HAVE BEEN THOROUGHLY CHECKED AND ARE IN COMPLIANCE TO STANDARDS, CODES, REGULATIONS IN RESPECT OF SAFETY, SOUNDNESS AND ECONOMY.

PROVN OF HANGAR AND ANNEXE BUILDING AT INS DEGA VISAKHAPATNAM

AC PLANT ROOM

SCHEDULE OF BEAMS AND SLABS

SHT NO.	S03	HELIOS ENGINEERING CONSULTANTS #38-34-66 PCI COLONY MARRIPALEM VISAKHAPATNAM - 530018
PRO NO.	2204/2	
SCALE.	AS NOTED	
DRN BY.	KSS	
DATE.	28-02-2023	
DESIGNED BY		CHECKED BY
DV TRINADH RAO		S SURYA MS (STRUCTURES)

CHIEF ENGINEER (NAVY) VISAKHAPATNAM

REF.DRG.NO : CEVZ/2022/WD-2120(S)(AC) Sht.No 3R/73

DESIGNS & DRAWINGS PREPARED UNDER CONSULTANCY FROM M/S HELIOS ENGINEERING CONSULTANTS AND VETTED BY ANDHRA UNIVERSITY

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Lt Col
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