

SCHEDULE OF PLINTH BEAMS

SR. NO.	BEAM NO.	SIZE OF BEAM		REINFORCEMENT							REMARKS
		BREADTH	DEPTH	BOTTOM BARS		TOP BARS		STIRRUPS		SIDE FACE REINF. ON EACH FACE	
				THROUGHOUT	EXTRA BAR AT MIDDLE	THROUGHOUT	EXTRA BAR AT SUPPORT	AT SUPPORT (FOR LENGTH 2D)	BALANCE PORTION (AT MIDDLE)		
01	PB1	300	450	3-#16	-	3-#12	2-#16	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
02	PB2	300	450	3-#16	-	3-#12	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
03	PB3	300	600	3-#16	-	3-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 100 c/c	-	
04	PB4	200	450	2-#16	-	2-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
05	PB5	300	450	3-#16	-	3-#12	2-#12	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
06	PB6	300	450	3-#16	-	3-#12	2-#12	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
07	PB7	300	450	2-#12+1-#16	-	2-#12+1-#16		2L-#8 @ 100 c/c	2L-#8 @ 150 c/c		

FIRST FLOOR BEAM SCHEDULE

SR. NO.	BEAM NO.	SIZE OF BEAM		REINFORCEMENT							REMARKS
		BREADTH	DEPTH	BOTTOM BARS		TOP BARS		STIRRUPS		SIDE FACE REINF. ON EACH FACE	
				THROUGHOUT	EXTRA BAR AT MIDDLE	THROUGHOUT	EXTRA BAR AT SUPPORT	AT SUPPORT (FOR LENGTH 2D)	BALANCE PORTION (AT MIDDLE)		
01	FB1	300	450	3-#20	-	3-#16	3-#16	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
02	FB2	300	450	3-#20	-	3-#16		2L-#12 @ 100 c/c	2L-#12 @ 100 c/c	-	
03	FB3	300	450	3-#16	-	3-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
04	FB4	300	450	3-#20	-	3-#20	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
05	FB5	300	450	3-#20	-	3-#16	3-#20	2L-#10 @ 100 c/c	2L-#10 @ 100 c/c	-	
06	FB6	300	450	3-#16	-	3-#16		2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
07	FB7	300	600	3-#25	-	3-#16	3-#16	2L-#10 @ 100 c/c	2L-#10 @ 150 c/c	-	
08	FB8	300	450	3-#20	-	3-#16	2-#16	2L-#10 @ 100 c/c	2L-#10 @ 100 c/c	-	
09	FB9	200	450	2-#25	-	2-#25		2L-#8 @ 100 c/c	2L-#8 @ 100 c/c	-	
10	FB10	200	450	2-#20	-	2-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
11	FB11	200	450	2-#16	-	2-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
12	FB12	300	450	3-#16	-	3-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	

GENERAL NOTES:

- 1 DO NOT SCALE FROM THE DRAWINGS.
2 ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE VERIFIED ON SITE & APPROVED BY THE ENGINEER.
3 ALL LAPS IN WALLS & COLUMNS SHALL BE GIVEN AS TENSION LAPS ONLY.
4 FOR TYPICAL DETAILS REFER DRG. NO. ISC/CE(N)/DU/GN/01
5 FOR GENERAL NOTES REFER DRG. NO. ISC/CE(N)/DU/GN/02 SHT.1 & 2
6 COLUMN SCHEDULE REFER DWG. NO. ISC/CE(N)/DU/OM/200 SHT.1 & 2
7 TO BE READ IN CONJUNCTION WITH THE ARCH DRAWINGS.

LEGEND:

MGL = MADE UP GROUND LEVEL
FGL = FINISH GROUND LEVEL
VER = VERTICAL
HOR = HORIZONTAL
FFL = FINISH FLOOR LEVEL
Ld = DEVELOPMENT LENGTH
B/W = BOTHWAYS
TYP = TYPICAL
LVL = LEVEL
TOB = TOP OF BEAM

TYPICAL FLOOR BEAM SCHEDULE

SR. NO.	BEAM NO.	SIZE OF BEAM		REINFORCEMENT						REMARKS	
		BREADTH	DEPTH	BOTTOM BARS		TOP BARS		STIRRUPS			SIDE FACE REINF. ON EACH FACE
				THROUGHOUT	EXTRA BAR AT MIDDLE	THROUGHOUT	EXTRA BAR AT SUPPORT	AT SUPPORT (FOR LENGTH 2D)	BALANCE PORTION (AT MIDDLE)		
01	B1	300	450	3-#20	-	3-#16	3-#20	2L-#10 @ 100 c/c	2L-#8 @ 150 c/c	-	
02	B2	300	450	3-#20	-	3-#16	-	2L-#12 @ 100 c/c	2L-#12 @ 100 c/c	-	
03	B3	300	450	3-#20	-	3-#20	3-#20	2L-#10 @ 100 c/c	2L-#10 @ 150 c/c	-	
04	B4	300	450	3-#20	-	3-#20	2-#20	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
05	B5	300	450	3-#20	-	3-#16	3-#20	2L-#10 @ 100 c/c	2L-#10 @ 100 c/c	-	
06	B6	300	450	3-#20	-	3-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
07	B7	300	600	3-#25	-	3-#16	3-#16	2L-#10 @ 100 c/c	2L-#10 @ 150 c/c	-	
08	B8	300	450	3-#20	-	3-#16	-	2L-#10 @ 100 c/c	2L-#10 @ 150 c/c	-	
09	B9	200	450	2-#25	-	2-#25	-	2L-#10 @ 100 c/c	2L-#10 @ 100 c/c	-	
10	B10	200	450	2-#20	-	2-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
11	B11	200	450	2-#16	-	2-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
12	B12	300	450	3-#16	-	3-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	

SCHEDULE OF ROOF BEAMS

SR. NO.	BEAM NO.	SIZE OF BEAM		REINFORCEMENT							REMARKS
		BREADTH	DEPTH	BOTTOM BARS		TOP BARS		STIRRUPS		SIDE FACE REINF. ON EACH FACE	
				THROUGHOUT	EXTRA BAR AT MIDDLE	THROUGHOUT	EXTRA BAR AT SUPPORT	AT SUPPORT (FOR LENGTH 2D)	BALANCE PORTION (AT MIDDLE)		
01	RB1	300	450	3-#12	-	3-#12	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
02	RB2	300	450	3-#12	-	3-#12	-	2L-#10 @ 100 c/c	2L-#8 @ 100 c/c	-	
03	RB3	300	450	3-#16	-	3-#12	2-#16	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
04	RB4	300	450	3-#16	-	3-#16	2-#12	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
05	RB5	300	450	3-#12	-	3-#12	2-#12	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
06	RB6	300	450	3-#16	-	3-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
07	RB7	300	600	3-#16	-	3-#16	-	2L-#8 @ 125 c/c	2L-#8 @ 150 c/c	-	
08	RB8	300	450	3-#16	-	3-#16	-	2L-#10 @ 100 c/c	2L-#8 @ 100 c/c	-	
09	RB9	300	450	3-#16	-	3-#16	2-#20	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
10	RB10	200	450	2-#20	-	2-#16	-	2L-#8 @ 100 c/c	2L-#8 @ 150 c/c	-	
11	RB11	300	450	3-#25	-	3-#25	-	2L-#8 @ 100 c/c	2L-#8 @ 100 c/c	-	
12	RB12	300	600	3-#20	-	3-#16	2-#12	2L-#10 @ 100 c/c	2L-#10 @ 150 c/c	-	

CLIENT:


CHIEF ENGINEER(NAVY)
VISAKHAPATNAM ZONE


SHT NO:

16/20

REF. DRG. NO. CE V2 / 2021 / WD / 210 (S) - SA / C # / DH

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PROVISION OF DEFICIENT 287 SINGLE
INLIVING ACCN ASSOCIATED
FACILITIES FOR DSC AT NAVAL
DOCKYARD, VISAKHAPATNAM
(BD NO AMWP 46/2020)

TITLE OF DRAWING:-

GROUND ,FIRST & TYPICAL FLOOR ,ROOF BEAM SCHEDULE

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