

SCHEDULE OF COLUMN :- (CONCRETE GRADE - M25)

CMC GRADE	Col.Md	SEVENON	SEVENON	SEVENON
	C104.C105.C106. C107.C112.C135. C136.C140.C141. C142.C143.	C108.C109.C110. C111.C113.C119. C128.C129.C134. C137.C138.	C117.C118.C121. C123.C124.C125. C130.C131.C132. C133.C139.	C115.C116.C120. C122.C126.C127. C114.

		M 25	
		FND. TO 1ST. FL. ROOF	
SECTION	ZONE A - 10' @ 17.5' CC	L = 10' (3000mm)	
	ZONE B - 10' @ 17.5' CC	L = 10' (3000mm)	
	ZONE C - 10' @ 17.5' CC	L = 10' (3000mm)	
	ZONE D - 10' @ 17.5' CC	L = 10' (3000mm)	
	ZONE E - 10' @ 17.5' CC	L = 10' (3000mm)	

		M 25	
STIRRUP ARRANGEMENT IN COLUMNS		2ND. FL. LV. TO REST.	Column
STIRRUPS	Zone A - 1/6 h 12-#8	500 500 12-#8	2ND FLOOR
	Zone B - 1/3 h 4-20# + 1-#8	500 500 4-20# + 1-#8	2ND FLOOR
	Zone C - 1/3 h 6-20# + 1-#8	500 500 6-20# + 1-#8	2ND FLOOR
	Zone D - 1/3 h 6-20# + 1-#8	500 500 6-20# + 1-#8	2ND FLOOR
	Zone E - 1/3 h 6-20# + 1-#8	500 500 6-20# + 1-#8	2ND FLOOR

SCHEDULE OF COMBINED COLUMN FOOTING:										(CONCRETE GRADE: 405)	
M&O	SIZE (A x B)	d1	d2	REINFORCEMENT		BEAM SIZE (A x B)	TOP (A x B)	BOTTOM (A x B)	CONT. SPRN (#)	MD STRENGTH (A) STRENGTH (B)	
				a	b						
CF1	4750 x 4550	300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF2		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF3		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF4		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF5		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF6		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF7		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF8		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF9		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF10		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF11		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF12		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF13		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF14		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF15		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF16		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF17		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF18		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF19		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF20		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF21		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF22		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF23		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF24		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF25		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF26		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF27		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF28		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF29		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF30		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF31		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF32		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF33		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF34		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF35		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF36		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF37		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF38		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF39		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF40		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF41		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF42		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF43		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF44		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF45		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF46		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF47		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF48		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF49		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF50		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF51		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF52		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF53		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF54		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF55		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF56		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF57		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF58		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF59		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF60		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF61		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF62		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF63		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF64		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF65		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF66		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF67		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF68		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF69		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF70		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF71		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF72		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF73		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF74		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF75		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF76		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF77		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF78		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF79		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF80		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF81		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF82		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF83		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF84		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF85		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF86		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF87		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF88		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF89		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF90		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF91		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF92		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF93		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF94		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF95		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF96		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF97		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF98		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF99		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF100		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF101		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF102		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF103		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF104		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF105		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF106		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF107		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF108		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF109		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF110		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF111		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF112		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF113		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF114		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF115		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF116		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF117		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF118		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF119		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF120		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF121		300	120	125 c/c	100	151 c/c	500 x 700	5 c/c	5 c/c	5 - 16#	
CF122		300	120	125 c/c	100						

SCHEDULE 010 - THE BEAM (CONCRETE GRADE: M25)							
SL. NO.	BEAM MKO.	BEAM SIZE	EXTRA REINFORCEMENT				STIRRUPS
			ALTH TOP	ALTH BOTTOM	CONC (T)	MID SPAN, EDGE (T)	
1.	IB1	250 x 400	3 - 16#	3 - 16#	2 - 12#	---	2 - 16# 2x 45#mm (90#) 2x 45#mm (90#)
2.	IB2	250 x 400	3 - 16#	3 - 16#	1 - 16# + 1 - 12#	2 - 12#	2 - 16# 2x 45#mm (90#) 2x 45#mm (90#)
3.	IB3	250 x 400	3 - 16#	3 - 16#	2 - 16#	2 - 16#	2 - 16# 2x 45#mm (90#) 2x 45#mm (90#)

SCHEDULE OF ISOLATED COLUMN FOOTING:						
(CONTINUE SHEET 4/25)						
M.A.O.	SIZE	TOTAL NOS.	1	2	REINFORCEMENT	
					AT	U
					1	2
					1	2
F51	200x200x20	9	200	200	12# @ 175 C/C	12# @ 175 C/C
F52	225x225x20	4	250	250	12# @ 175 C/C	12# @ 150 C/C
F53	225x225x20	1	250	200	12# @ 125 C/C	12# @ 125 C/C
F54	275x275x20	4	250	250	12# @ 100 C/C	12# @ 100 C/C
F55	300x300x20	7	300	250	12# @ 100 C/C	12# @ 100 C/C
F56	300x300x20	3	300	300	12# @ 100 C/C	12# @ 100 C/C
F57	300x300x20	2	350	300	12# @ 100 C/C	12# @ 100 C/C

DETAIL OF TOOL COLUMN/C1

(FDN TO +750 MM.)

SCALE: 1/25

This architectural detail shows a cross-section of a tool column. It features a central square opening with a double-line border. The opening is surrounded by a thick, solid rectangular frame. Dimension lines with arrows indicate the following measurements: the total width of the frame is 250 units, the width of the opening is 140 units, the thickness of the frame on the right side is 10 units, and the height of the frame on the bottom is 80 units. The drawing is labeled 'DETAIL OF TOOL COLUMN/C1' and '(FDN TO +750 MM.)' with a scale of 'SCALE: 1/25'.

SEC AT 1-1
SOLIDS
DETAIL OF TOOL COLUMNS
DETAIL OF FOOTING (Fg1c)

Technical drawing of a square plate with a central square hole. The plate has a side length of 150 units. The hole has a side length of 50 units. The distance from the center of the hole to the nearest corner is 30 units. The drawing includes dimension lines and labels: 'a' for the plate side, 'a1' for the hole side, and 'l' for the distance from the center to the corner. The scale is 1:50.

PLAN OF AN ISOLATED FOOTING

CCN 307E-350X750

Figure 1: Detail of the connection between the column and the beam. The diagram shows a cross-section of a reinforced concrete column and a beam. The column has a width of 300 mm and a height of 300 mm. The beam has a width of 300 mm and a height of 75 mm. The connection is shown with reinforcement bars and stirrups. The column is labeled '4-20# AL' and the beam is labeled '4-20# AL'.

SECTION AT N-N' THROUGH
SCALE 1/25

ROUND LEV.

ing reinforcement
per AISI-192D-1983

FLOOR LEV.



500

d

SCHEDULE OF COMBINED COLUMN FOOTING

CONCRETE GRADE: M20

M.A.O	SIZE (A x B)	d1	d2	REINFORCEMENT		BEAM SIZE (A1 x B1)	TOP (A1/B1)	BOTTOM (A1/B1)	CONF. (B)	MIN. SPAN (A1/SPAN)	STIRRUPS (A1/SPAN)
CT	4753 x 6533	300	300	12 @ 125 c/c	10 @ 150 c/c	500 x 700	3-20 @ 3-00	3-00 @ 3-00	1-00	4-10 @ 150 c/c	4-10 @ 200 c/c

SCHEDULE OF THE BEAM

CONCRETE GRADE: M20

SL. NO.	BEAM NO.	BEAM SIZE	ALTH. TOP	ALTH. BOTTOM	CONF. (T)	CONF. (B)	DISCONT. (T)	STIRRUPS
1.	TB1	250 x 400	3-10 @ 3-00	3-10 @ 3-00	2-10 @ 2-10	2-10 @ 2-10	2-10 @ 2-10	2-10 @ 2-10
2.	TB2	250 x 400	3-10 @ 3-00	3-10 @ 3-00	2-10 @ 2-10	2-10 @ 2-10	2-10 @ 2-10	2-10 @ 2-10
3.	TB3	250 x 400	3-10 @ 3-00	3-10 @ 3-00	2-10 @ 2-10	2-10 @ 2-10	2-10 @ 2-10	2-10 @ 2-10

DETAIL OF TOOL COLUMN (C1)

SCALE: 1/25

DETAIL OF TOOL COLUMN (C2)

SCALE: 1/25

PLAN OF ISOLATED FOOTING

SCALE: 1/50

PLAN OF A ISOLATED FOOTING

SCALE: 1/50

SECTION THROUGH Q-Q

SCALE: 1/25

SECTION THROUGH R-R

SCALE: 1/25

SECTION AT N-N THROUGH LIFT WELL

SCALE: 1/25

SECTION AT N-N THROUGH LIFT WELL

SCALE: 1/25

SECTION THROUGH P-P

SCALE: 1/25

SECTION THROUGH P-P

SCALE: 1/25

SECTION THROUGH Q-Q

SCALE: 1/25

SECTION THROUGH Q-Q

SCALE: 1/25

SECTION THROUGH R-R

SCALE: 1/25

SECTION THROUGH R-R

SCALE: 1/25

SECTION AT N-N THROUGH LIFT WELL

SCALE: 1/25

SECTION AT N-N THROUGH LIFT WELL

SCALE: 1/25

SECTION THROUGH P-P

SCALE: 1/25

SECTION THROUGH P-P

SCALE: 1/25

SECTION THROUGH Q-Q

SCALE: 1/25

SECTION THROUGH Q-Q

SCALE: 1/25

SECTION THROUGH R-R

SCALE: 1/25

SECTION THROUGH R-R

SCALE: 1/25

SECTION AT N-N THROUGH LIFT WELL

SCALE: 1/25

SECTION AT N-N THROUGH LIFT WELL

SCALE: 1/25

SECTION THROUGH P-P

SCALE: 1/25

SECTION THROUGH P-P

SCALE: 1/25

SECTION THROUGH Q-Q

SCALE: 1/25

SECTION THROUGH Q-Q

SCALE: 1/25

SECTION THROUGH R-R

SCALE: 1/25

SECTION THROUGH R-R

SCALE: 1/25

SECTION AT N-N THROUGH LIFT WELL

SCALE: 1/25

SECTION AT N-N THROUGH LIFT WELL

SCALE: 1/25

SECTION THROUGH P-P

SCALE: 1/25

SECTION THROUGH P-P

SCALE: 1/25

SECTION THROUGH Q-Q

SCALE: 1/25

SECTION THROUGH Q-Q

SCALE: 1/25

SECTION THROUGH R-R

SCALE: 1/25

[illegible]

LONGITUDINAL SECTION OF COLUMN
SCALE 1:50

[illegible]