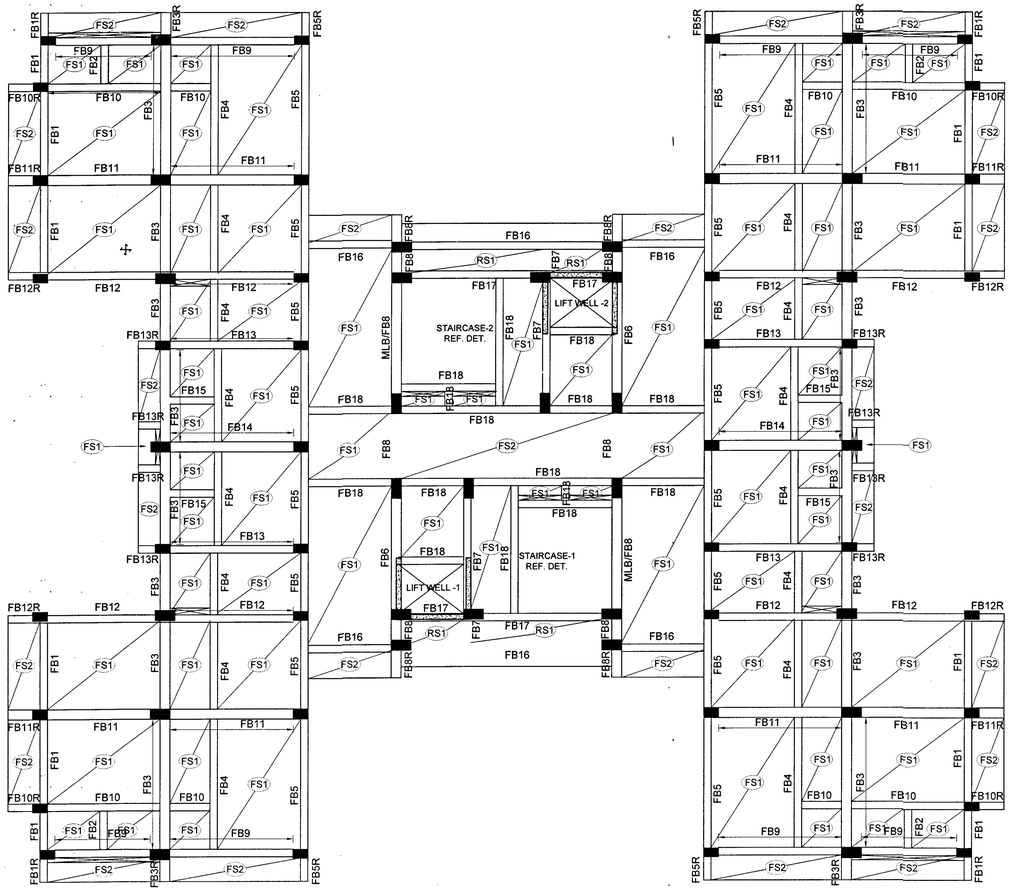

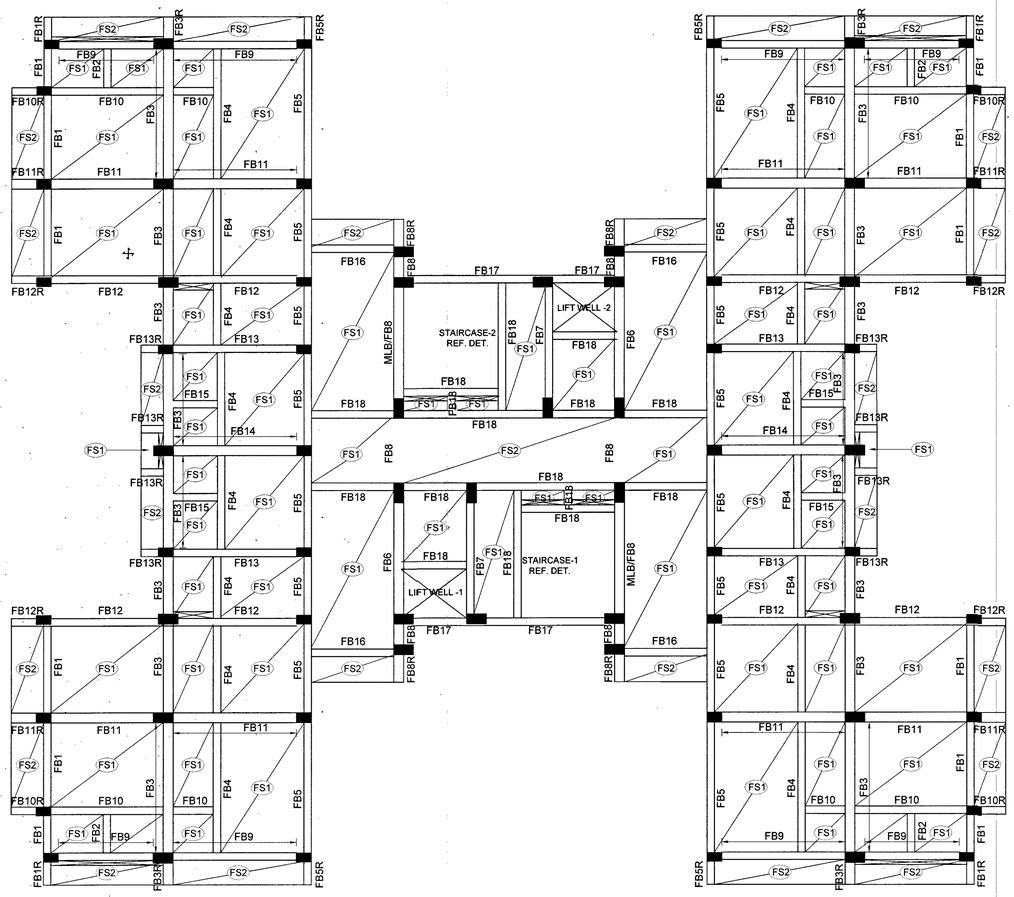

LAYOUT OF FIRST FLOOR BEAMS & SLABS

SCHEDULE OF FLOOR BEAMS

BEAM NO.	SIZE OF BEAM		REINFORCEMENT						SIDE FACE REINF. ON EACH FACE	SPACER BARS @ 600 C/C	REMARKS
			BOTTOM BARS		TOP BARS		STIRRUPS				
	BREADTH	DEPTH	THROUGHOUT	EXTRA BAR AT MIDDLE	THROUGHOUT	EXTRA BAR AT SUPPORT	AT SUPPORT (REFER TD)	BALANCE PORTION (AT MIDDLE)			
FLOOR BEAMS											
FB1	300	400	3-#16	-	3-#16	2-#12	#8 @ 70 c/c	#8 @ 120 c/c	-	#25	
FB1R	300	400	5-#16	-	3-#16	2-#12	#8 @ 70 c/c	#8 @ 120 c/c	-	#25	
FB2	200	400	3-#16	-	3#16	-	#8 @ 70 c/c	#8@ 70 c/c	-	-	
FB3	400	500	3-#20	3-#20	5-#20	5-#20	#12 @ 70 c/c	#12 @ 70 c/c	-	#25	
FB3R	400	500	3-#20	3-#20	5-#20	5-#20	#12 @ 70 c/c	#12 @ 70 c/c	-	#25	
FB4	300	400	3-#16	-	3-#16	3-#16	#8 @ 70 c/c	#8 @ 70 c/c	-	#25	
FB5	300	400	3-#16	-	3-#16	3-#16	#8 @ 70 c/c	#8 @ 70 c/c	-	#25	
FB5R	300	400	3-#16	-	3-#16	3-#16	#8 @ 70 c/c	#8 @ 70 c/c	-	#25	
FB6	400	500	5-#20	5-#20	5-#20	5-#20	#12 @ 70 c/c	#12 @ 120 c/c	-	#25	
FB7	400	500	5-#20	5-#20	5-#20	5-#20	#10 @ 70 c/c	#10 @ 120 c/c	-	#25	
FB8	400	500	3-#20	3-#20	5-#20	3-#20	#10 @ 70 c/c	#10 @ 120 c/c	-	#25	
FB8R	400	500	6-#20	-	5-#20	3-#20	#10 @ 70 c/c	#10 @ 120 c/c	-	#25	
FB9	300	400	3-#16	3-#16	5-#20	3-#20	#8 @ 70 c/c	#8 @ 120 c/c	-	#25	
FB10	300	400	3-#20	3-#16	3-#20	3-#20	#10 @ 70 c/c	#10 @ 70 c/c	-	#25	
FB10R	300	400	6-#20	-	3-#20	3-#20	#10 @ 70 c/c	#10 @ 70 c/c	-	#25	
FB11	400	500	5-#20	5-#20	5-#25	5-#20	#12 @ 70 c/c	#12 @ 70 c/c	-	#25	
FB11R	400	500	6-#20	-	5-#25	5-#20	#12 @ 70 c/c	#12 @ 70 c/c	-	#25	
FB12	300	400	3-#16	3-#16	3-#20	3-#20	#10 @ 70 c/c	#10 @ 70 c/c	-	#25	
FB12R	300	400	6-#16	-	3-#20	3-#20	#10 @ 70 c/c	#10 @ 70 c/c	-	#25	
FB13	350	450	3-#16	3-#16	3-#20	3-#20	#12 @ 70 c/c	#12 @ 120 c/c	-	#25	
FB13R	350	450	6-#16	-	3-#20	3-#20	#12 @ 70 c/c	#12 @ 120 c/c	-	#25	
FB14	400	500	3-#20	3-#20	5-#25	5-#20	#12 @ 70 c/c	#12 @ 70 c/c	-	#25	
FB15	200	400	3-#16	-	3-#16	-	#8 @ 70 c/c	#8 @ 70 c/c	-	-	
FB16	300	400	3-#16	-	3-#16	2-#16	#10 @ 70 c/c	#10 @ 70 c/c	-	#25	
FB17	400	500	3-#20	3-#20	5-#20	5-#20	#12 @ 70 c/c	#12 @ 70 c/c	-	#25	
FB18	300	400	3-#20	3-#16	3-#25	3-#20	#12 @ 70 c/c	#12 @ 120 c/c	-	#25	

NOTE: FOR MLB DETAILS & ITS OCCURRENCE REFER DRG CONTAINING TYPICAL STAIRCASE DETAILS

LAYOUT OF TYPICAL FLOOR BEAMS & SLABS
SECOND FLOOR, THIRD FLOOR & FOURTH FLOOR SLABS

SCHEDULE OF SLABS

NOMENCLATURE	THICKNESS	TYPE OF SLAB	BOTTOM REINFORCEMENT (ALTERNATE BENT UP)				EXTRA REINFORCEMENT AT TOP (SUPPORT/END)				DIST. REIN AT TOP CONT./ NON- CONT. END		REMARKS
			SHORT SPAN		LONG SPAN		SHORT SPAN		LONG SPAN				
			DIA	SPACING C/C	DIA	SPACING C/C	DIA	SPACING C/C	DIA	SPACING C/C	DIA	SPACING C/C	
FS1	150	TWO WAY SLAB	#10	150	#10	150	#10	300	#10	300	#8	200	
FS2	150	ONE WAY SLAB	#10	150	#10	150	#10	300	#10	300	#8	200	
RS1	150	TWO WAY SLAB	#10	150	#10	150	#10	300	#10	300	#8	200	

THIS DRG IS BASED ON DRG NO CEJZ/ SD-1936 / 2025 SHEET NO 8/11

NOTES:

1. FOR GENERAL STRUCTURAL NOTES REFER SHEET NOS. 1/11 OF DRAWING NO.CEJZ/SD- /2025

SER NO	DATE	DESCRIPTION	INITIAL

REVISION

PROVN OF MD ACCN FOR OFFRS, JCOs AND ORs AT FEROZPUR

16 MAJOR (G+4)

LAYOUT, SCHEDULE OF FIRST FLOOR, TYPICAL FLOOR BEAMS & SLABS

DATE	10 OCT 2025	CHIEF ENGINEER JALANDHAR ZONE	SHEET NO. 08/11
DRAWN			
CHKD			
SCALE		DRG NO CEJZ/SD- 1938 /2025	

AAD(DES)

DIRECTOR (DESIGN) FOR CHIEF ENGINEER