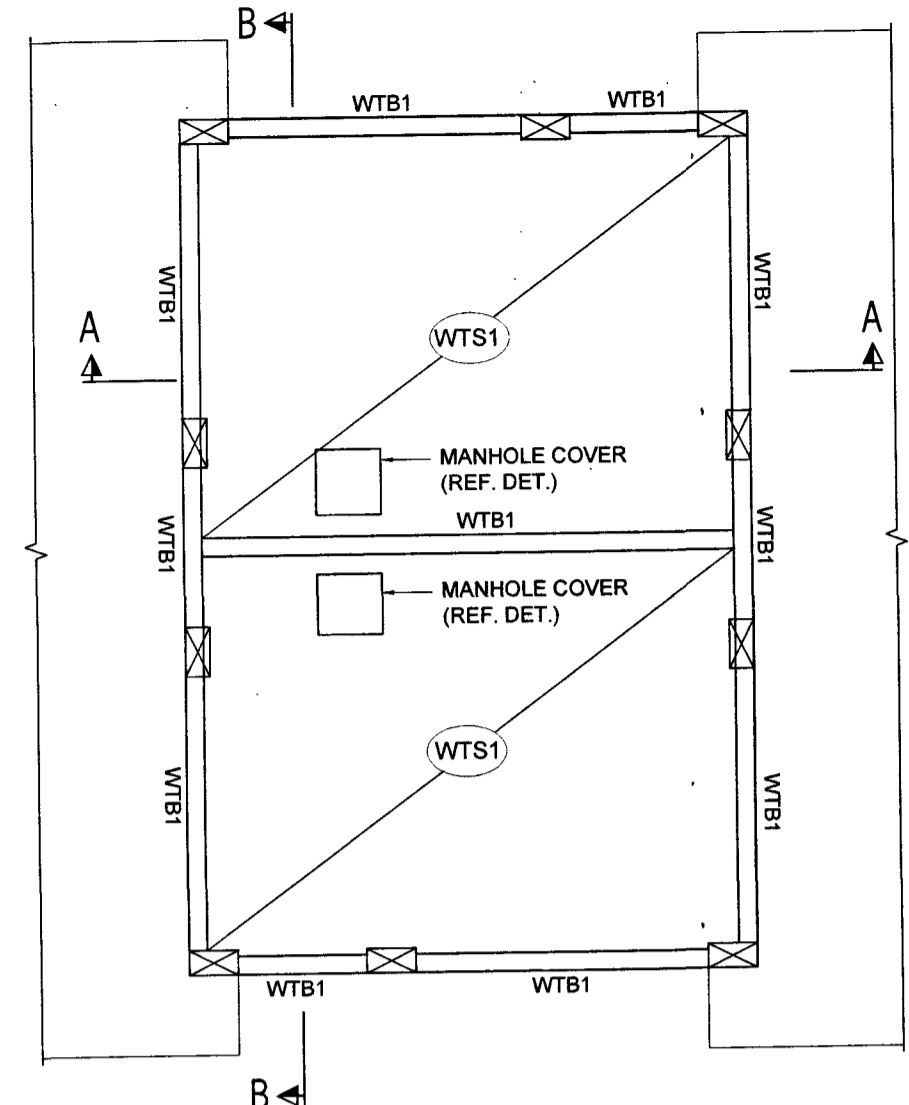
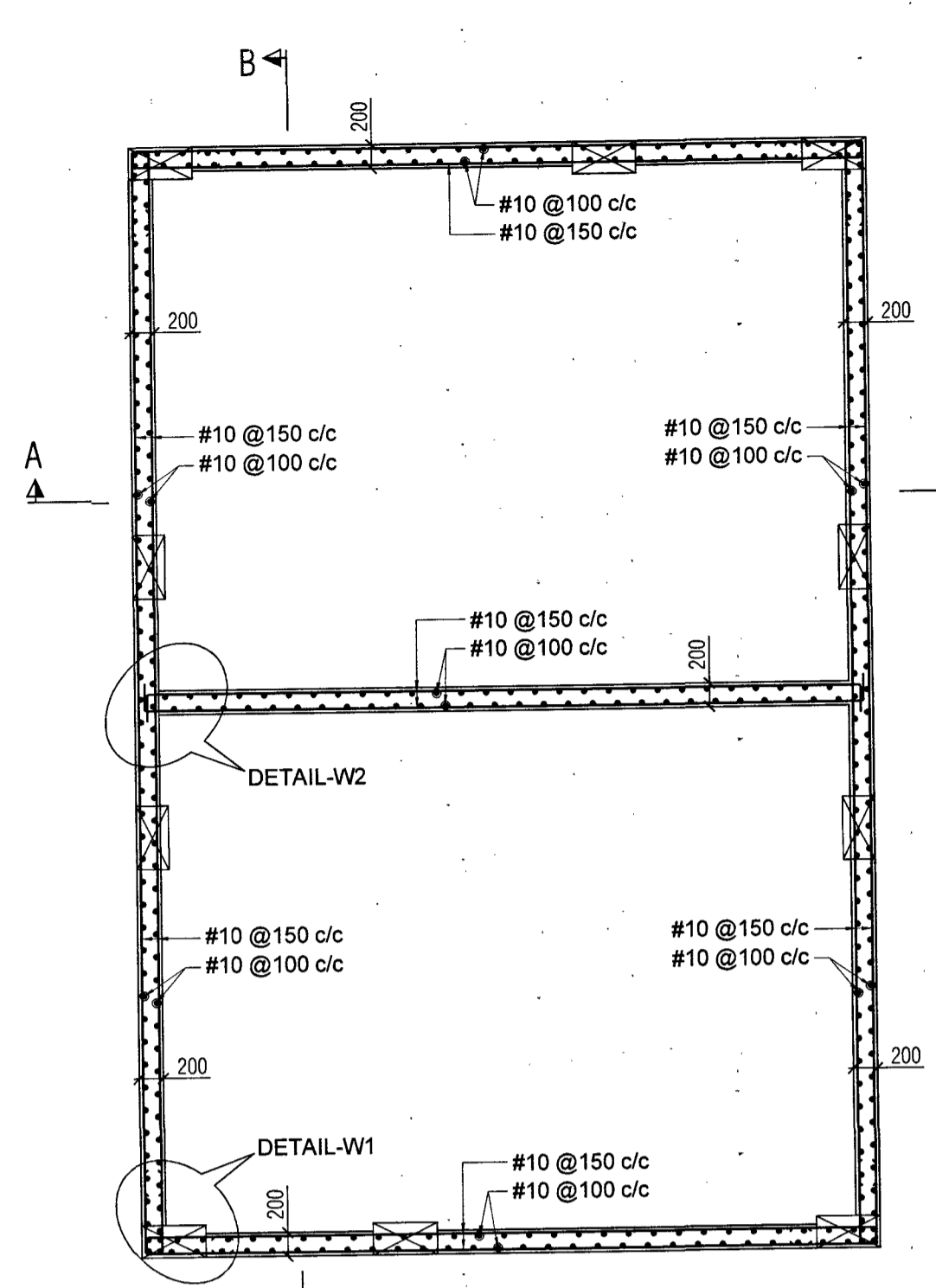


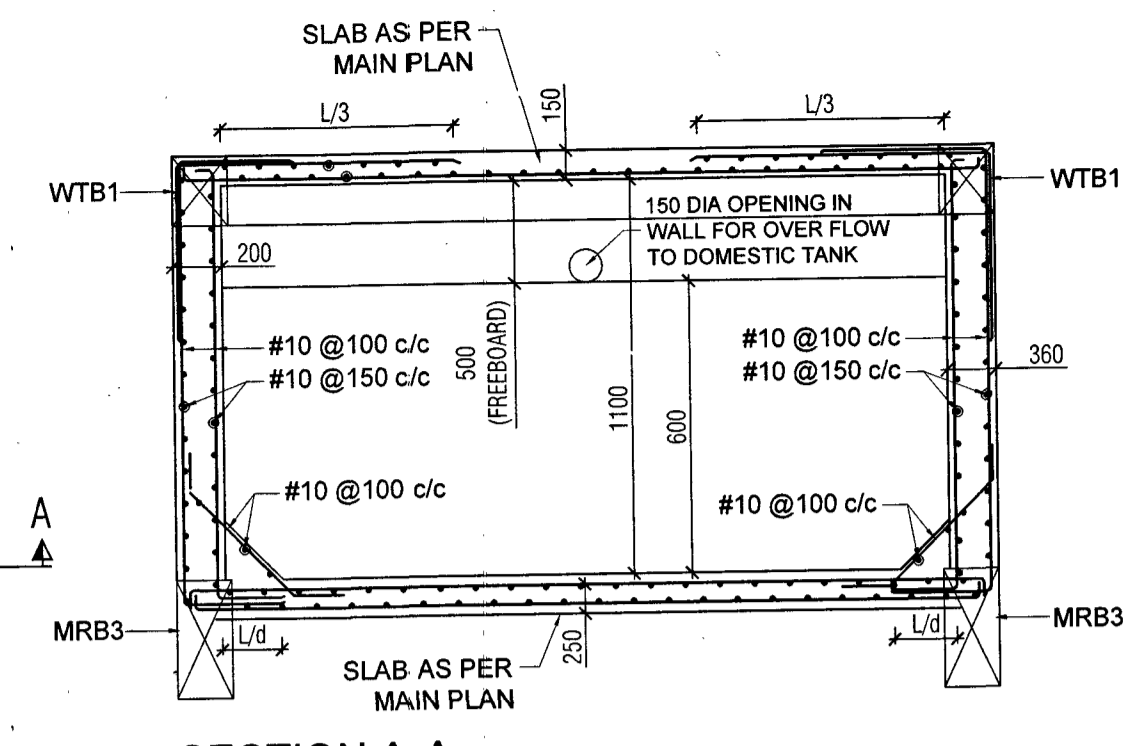
LAYOUT OF MUMTY ROOF BEAMS & SLABS



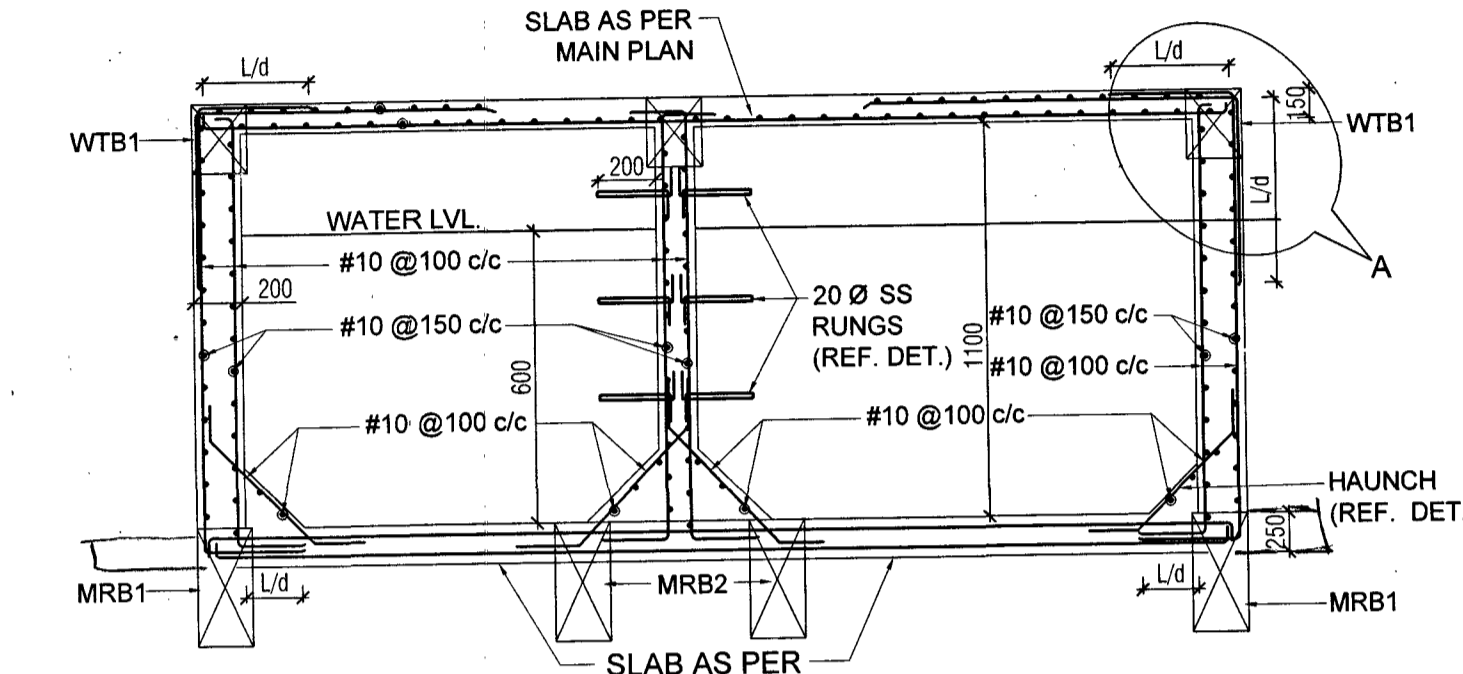
LAYOUT OF WATER TANK ROOF BEAMS & SLABS



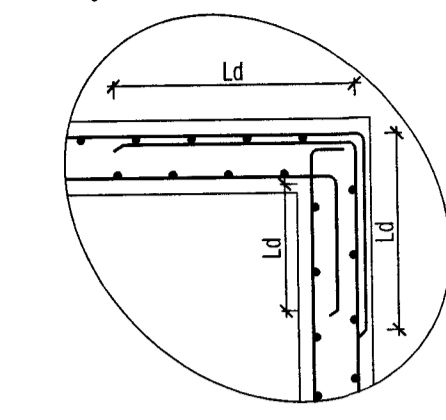
PLAN OVERHEAD WATER TANK



SECTION A-A



SECTION B-B



DETAIL-A

SCHEDULE OF BEAMS

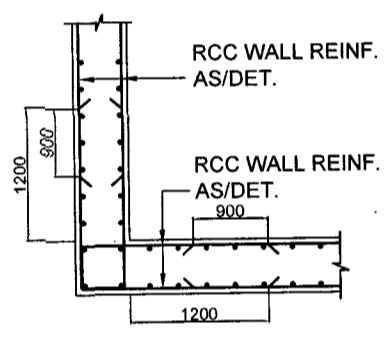
BEAM NO.	SIZE OF BEAM BREADTH DEPTH	REINFORCEMENT						REMARKS	
		BOTTOM BARS		TOP BARS		STIRRUPS			
		THROUGHOUT	EXTRA BAR AT MIDDLE	THROUGHOUT	EXTRA BAR AT SUPPORT	AT SUPPORT (REFER TD)	BALANCE PORTION (AT MIDDLE)		
MUMTY ROOF BEAMS									
MRB1	400x500	3-#20	-	3-#20	2-#16	#10 @ 70 c/c	#10 @ 70 c/c	#25	
MRB2	350x450	3-#16	-	3-#16	-	#10 @ 70 c/c	#10 @ 70 c/c	#25	
MRB3	400x500	3-#16	2-#12	3-#16	3-#16	#10 @ 70 c/c	#10 @ 70 c/c	#25	
MRB4	300x400	3-#16	-	3-#16	-	#10 @ 70 c/c	#10 @ 70 c/c	#25	
WATER TANK ROOF BEAMS									
WTB1	230x400	3-#16	-	3-#16	-	#8 @ 70 c/c	#8 @ 70 c/c	-	

SCHEDULE OF SLABS

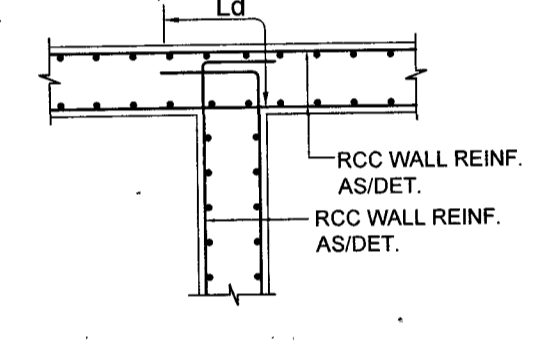
NOMENCLATURE	THICKNESS	TYPE OF SLAB	BOTTOM REINFORCEMENT (ALTERNATE BENT UP)				EXTRA REINFORCEMENT AT TOP (THROUGHOUT)				DIST. REIN AT TOP (CONT./NON-CONT. END)		REMARKS
			SHORT SPAN		LONG SPAN		SHORT SPAN		LONG SPAN		DIA	SPACING C/C	
			DIA	SPACING C/C	DIA	SPACING C/C	DIA	SPACING C/C	DIA	SPACING C/C			
MUMTY ROOF / OVERHEAD WATER TANK BASE SLABS													
RS1	250	TWO WAY SLAB	#12	120	#12	120	#12	120	#12	120	#10	240	

SCHEDULE OF SLABS

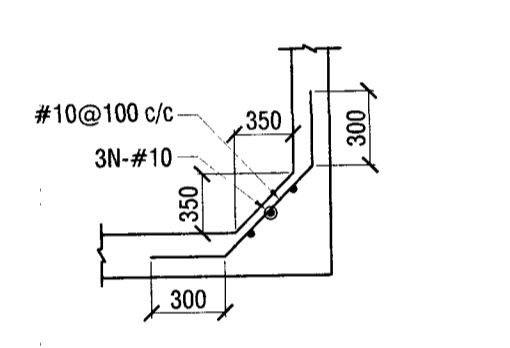
NOMENCLATURE	THICKNESS	TYPE OF SLAB	BOTTOM REINFORCEMENT (ALTERNATE BENT UP)				EXTRA REINFORCEMENT AT TOP (SUPPORT/END)				DIST. REIN AT TOP (CONT./NON-CONT. END)		REMARKS
			SHORT SPAN		LONG SPAN		SHORT SPAN		LONG SPAN		DIA	SPACING C/C	
			DIA	SPACING C/C	DIA	SPACING C/C	DIA	SPACING C/C	DIA	SPACING C/C			
WATER TANK ROOF SLABS													
WTS1	150	TWO WAY SLAB	#10	150	#10	150	#10	300	#10	300	#10	300	



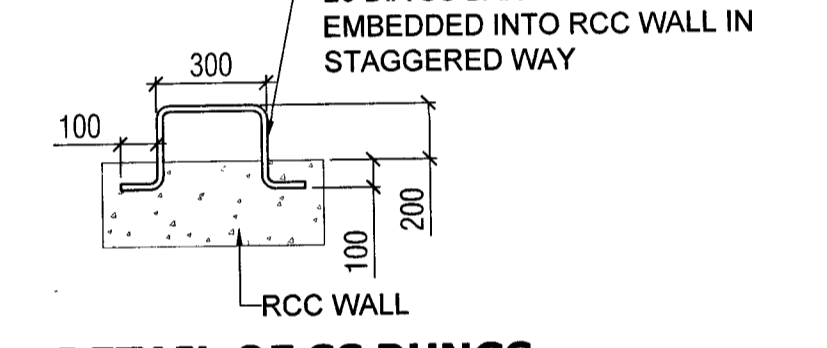
DETAIL W1 (TYP. CORNER JUNCTION FOR R.C.C. WALL)



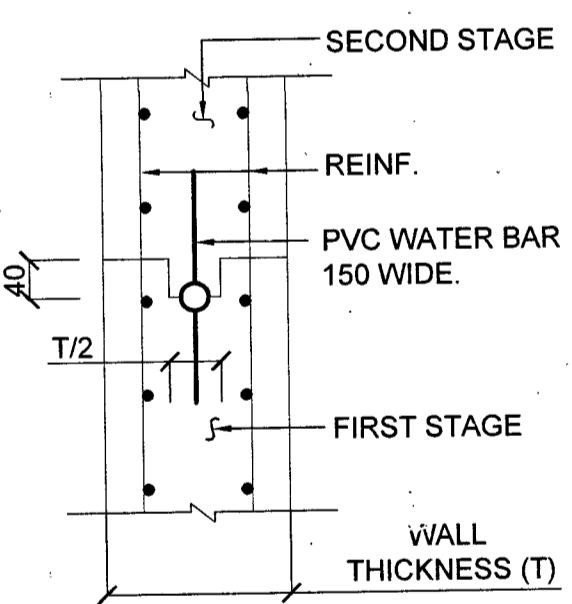
DETAIL W2 (TYP. T-JUNCTION FOR R.C.C. WALL)



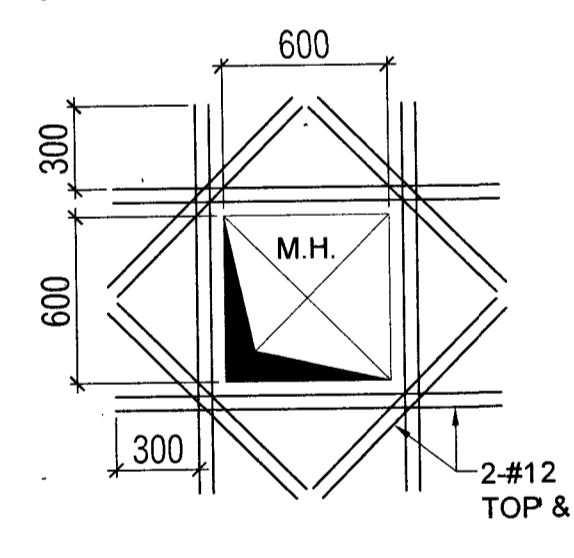
TYP. HAUNCH DETAIL



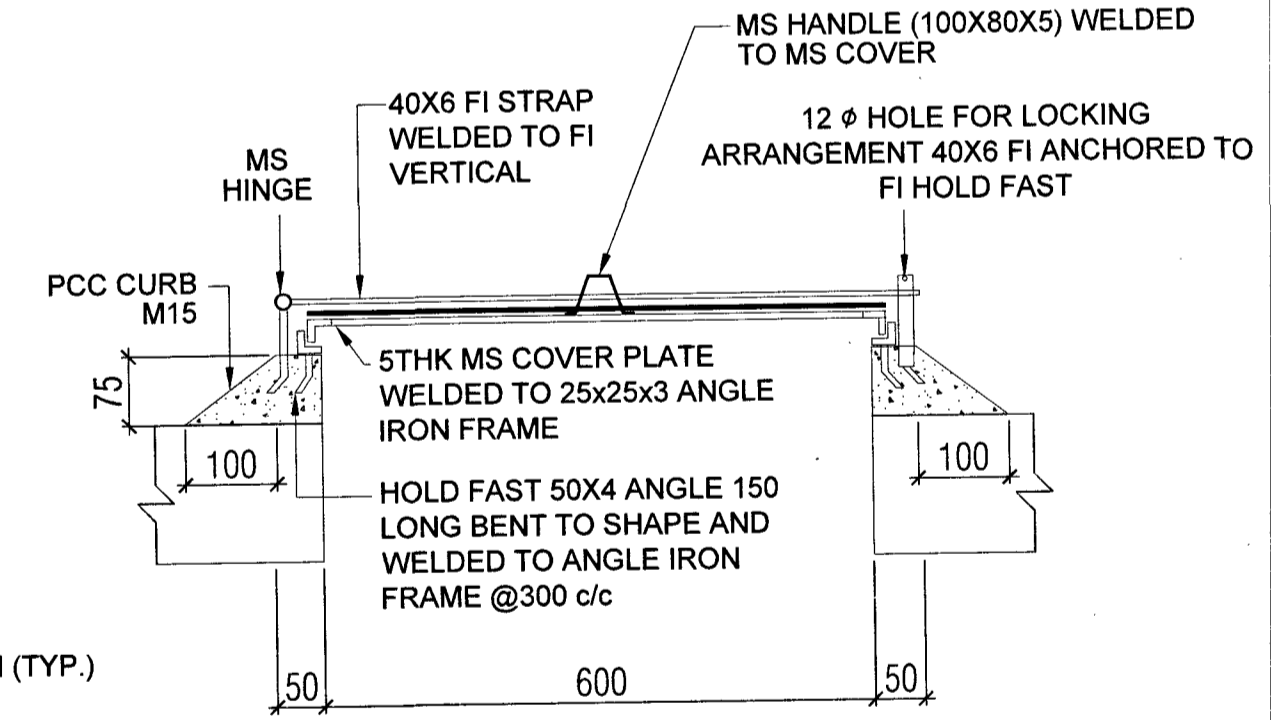
DETAIL OF SS RUNGS (NOT TO SCALE)



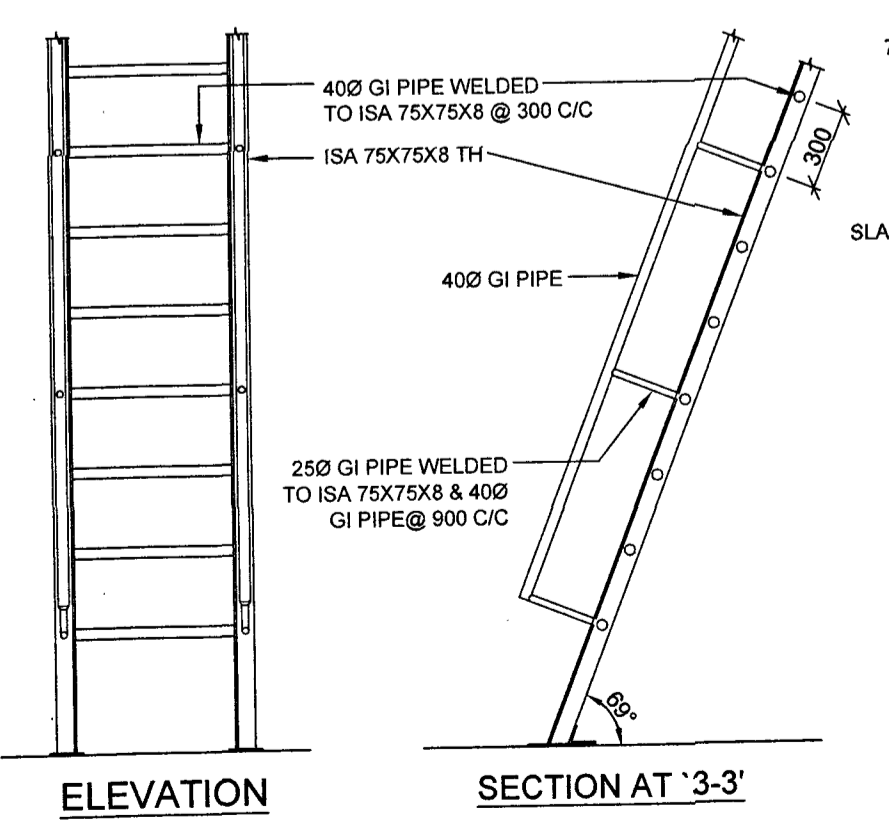
CONSTRUCTION JOINT IN SIDE WALL (TYP.)



MANHOLE DETAIL (NOT TO SCALE)

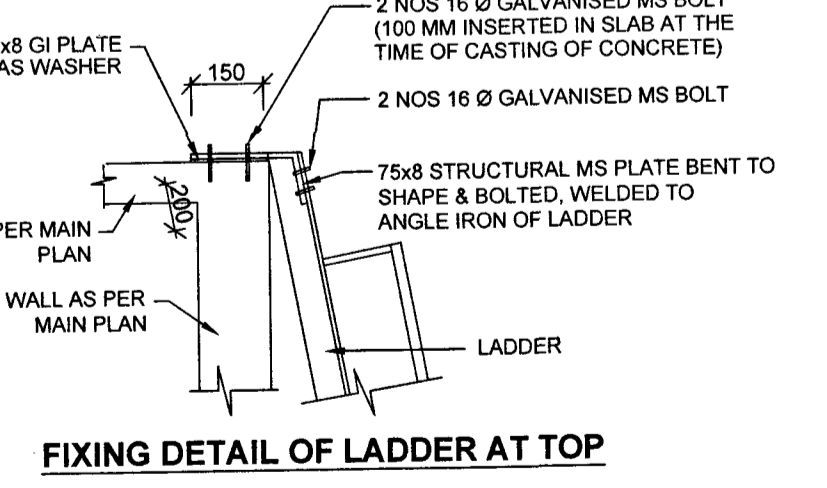


DETAIL OF MAN HOLE COVER (NOT TO SCALE) (THE DETAILS NOT SHOWN SHALL BE AS PER MANUFACTURER INSTRUCTIONS)

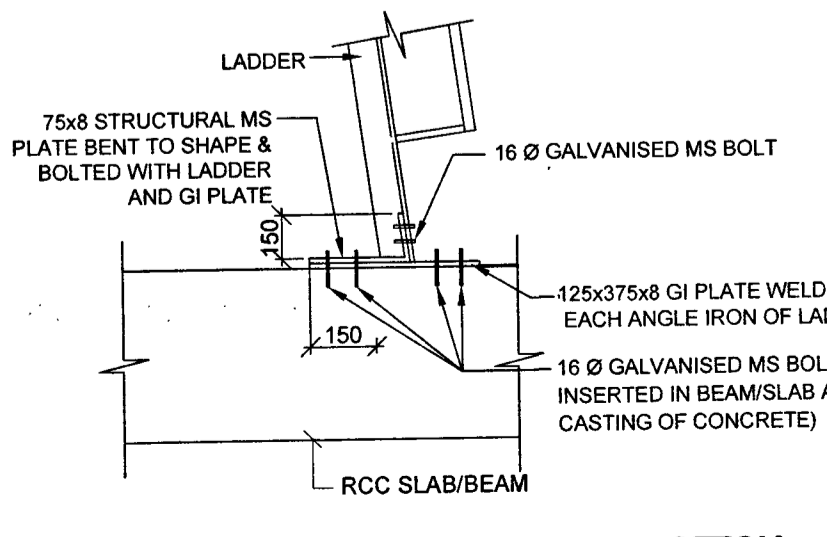


ELEVATION

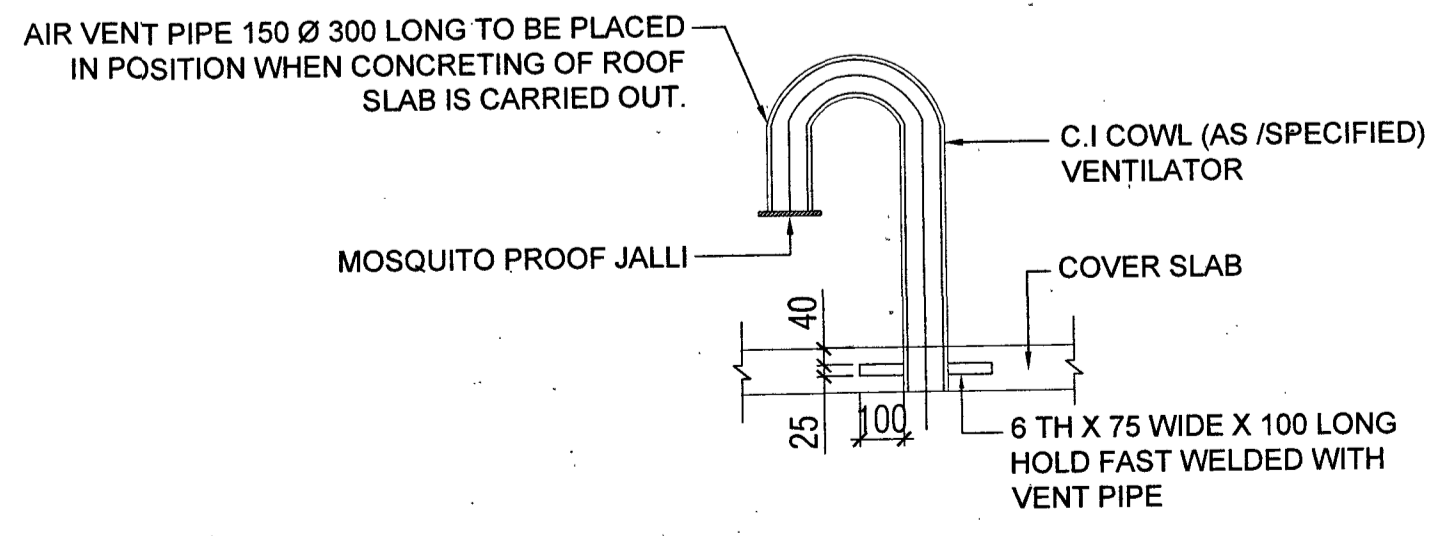
SECTION AT '3-3'



FIXING DETAIL OF LADDER AT TOP



FIXING DETAIL OF LADDER AT BOTTOM



TYP. COWL TYPE VENTILATOR

- NOTES:**
- CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF THE WORK
 - ALL DIMENSIONS ARE GIVEN IN MILLIMETERS UNLESS OTHERWISE SPECIFIED
 - FIGURED DIMENSIONS SHALL ONLY BE FOLLOWED.
 - EXECUTIVE AUTHORITY SHALL CHECK AND VERIFY ALL THE DRGS BEFORE TAKING EXECUTION IN HAND.
 - COLS SHOWN AS TO STOP AT RESPECTIVE SLAB LEVEL.
 - FOR GENERAL STRUCTURAL NOTES & STANDARD TYPICAL DETAILS, REFER SHEET NOS. 1/11 TO 3/11 OF DRAWING NO.
 - THE FOUNDATION IS DESIGNED FOR ASSUMED NET SBC OF 14.00 T/SQM AT 2.50 M DEPTH FROM NGL FOR BUILDING. GE TO CHECK THE ACTUAL SBC BEFORE EXECUTION. IN CASE OF ANY VARIATION THE MATTER SHALL BE REFERRED TO THIS OFFICE FOR REDESIGN. THE FOUNDATION SHALL NOT REST ON TREACHEROUS, ORGANIC OR FILLED UP SOIL.

SL NO	DATE	DESCRIPTION	INITIAL
REVISION			

JOB NO. W - 2138
 PROVN OF MD ACCN FOR OFFRS, JCOs & ORs AT FEROPUR

16 MAJOR (G+4)

LAYOUT, SCHEDULE OF ROOF, MUMTY ROOF BEAMS & SLABS

DATE	10 OCT 2025	CHIEF ENGINEER JALANDHAR ZONE	SHEET NO.
DRAWN	MS SUB SANDEEP SHARMA		10
CHKD			11
SCALE			

DRG NO CEJZ/SD-1938/2025

THIS DRG IS BASED ON DRG NO CEJZ/SD-1936/2025 SHEET NO 10/11

AAD(DES)