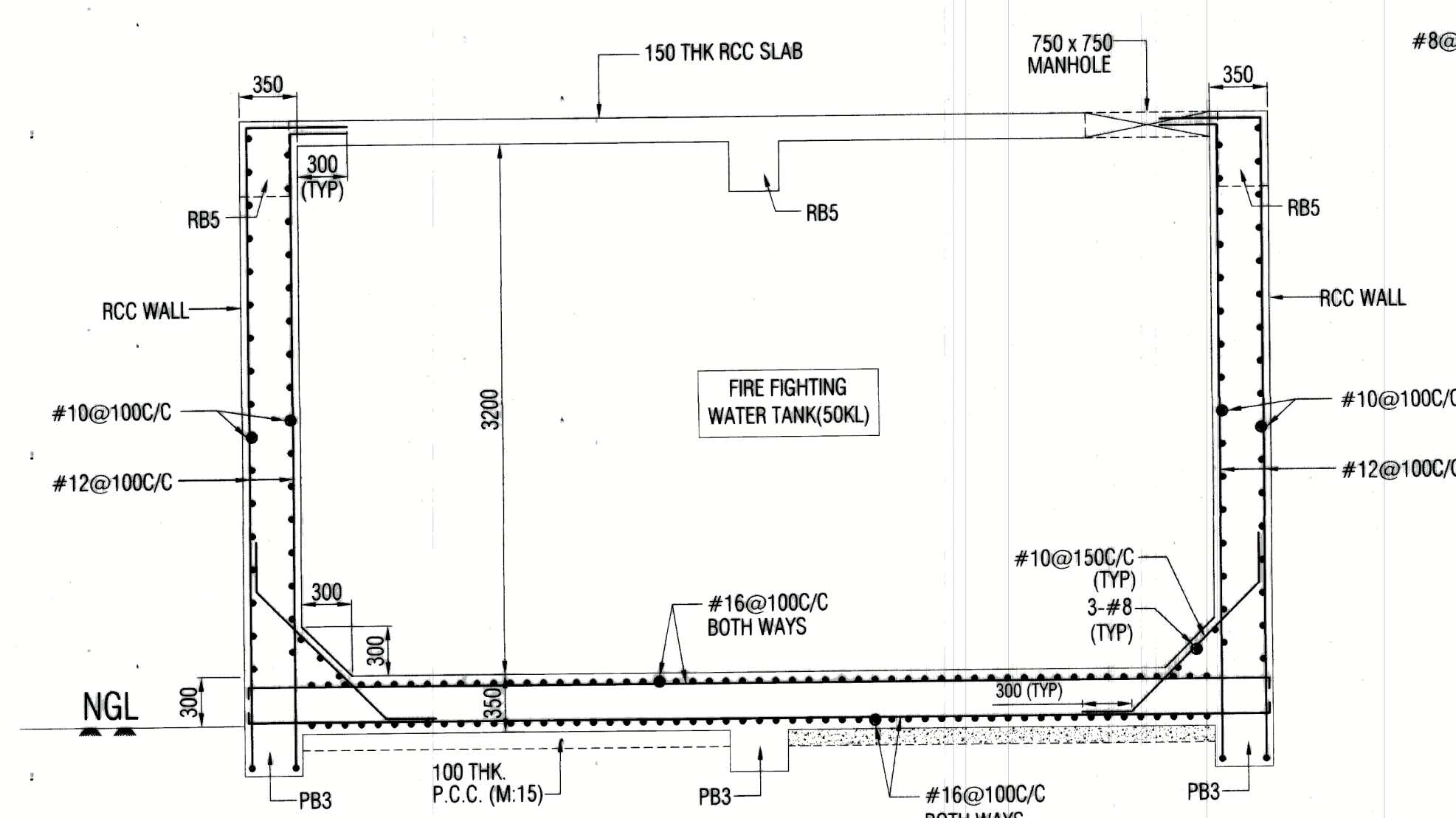
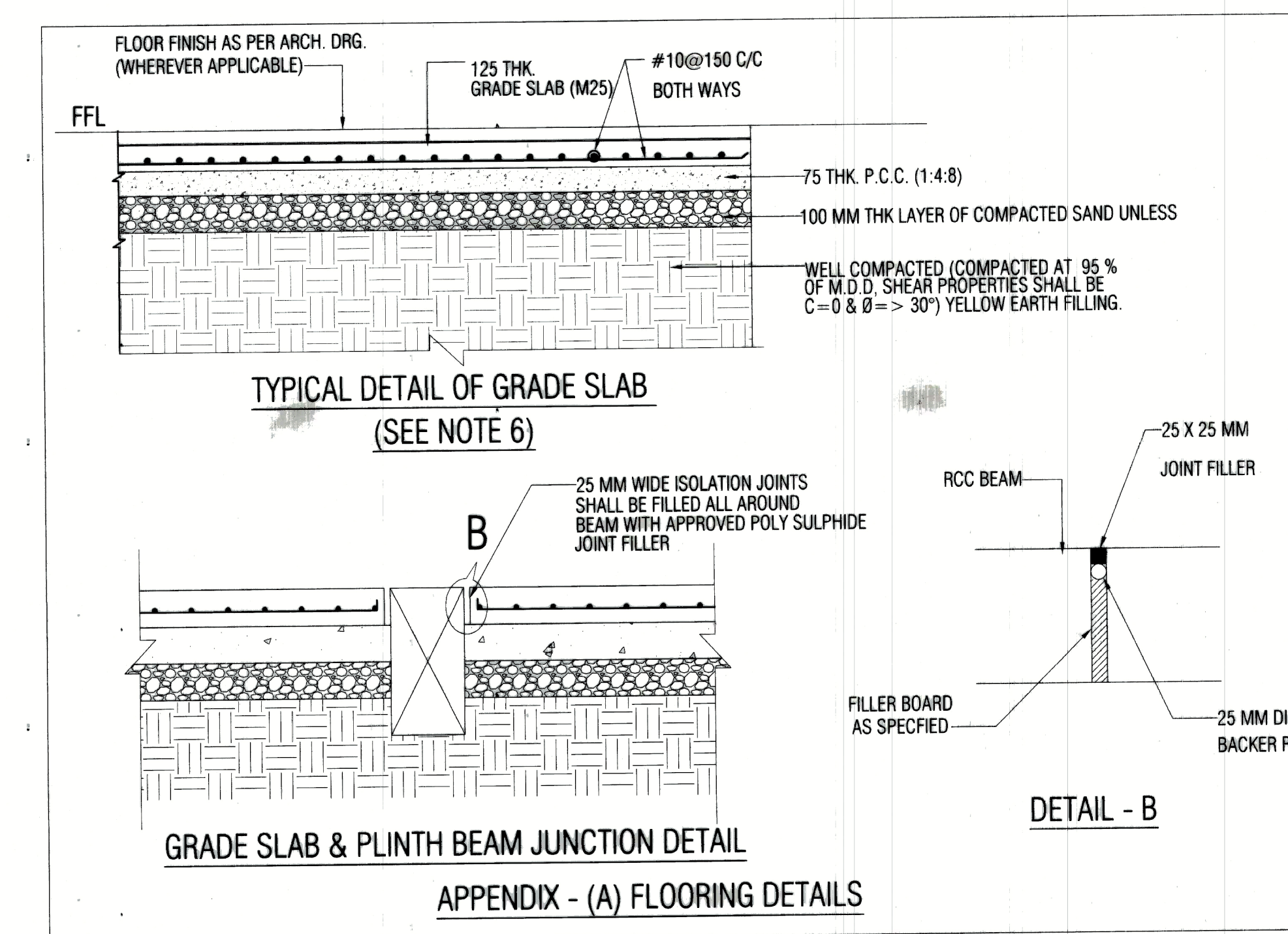


LAYOUT OF PLINTH BEAM

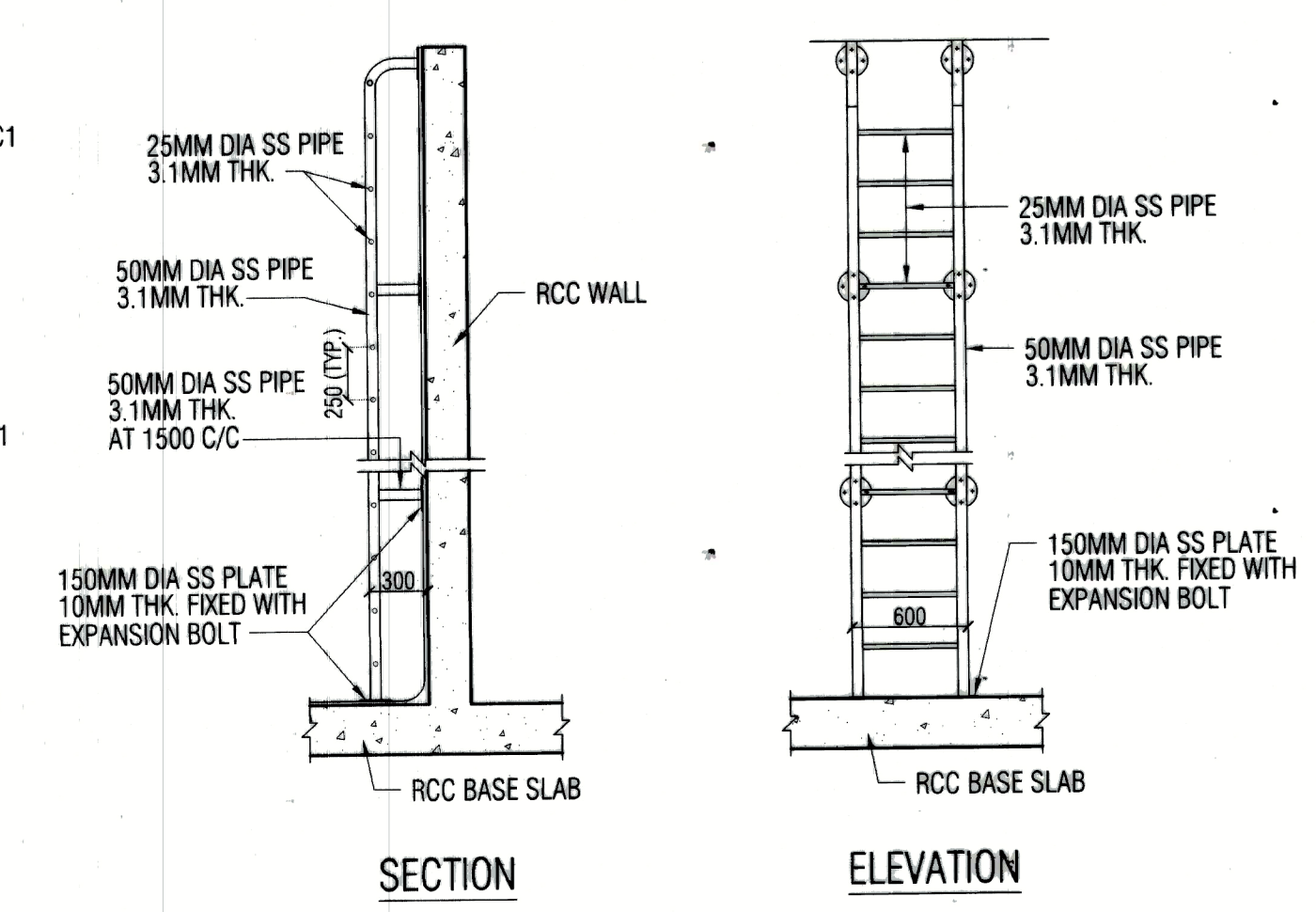
LAYOUT OF ROOF SLAB



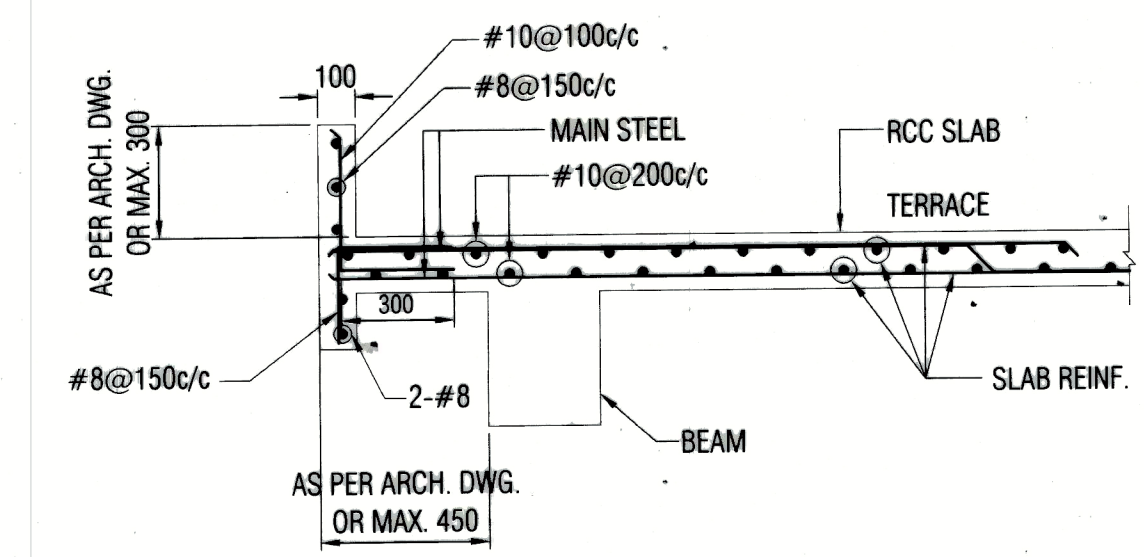
SECTION - A-A



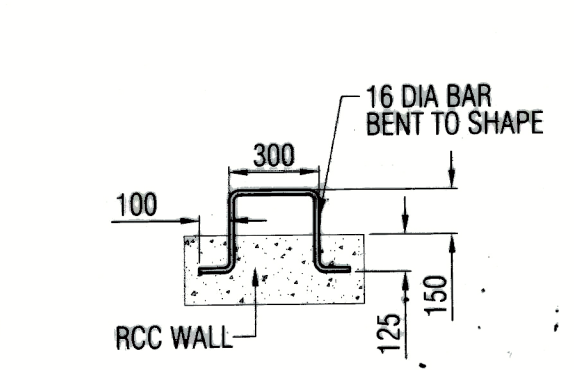
APPENDIX - (A) FLOORING DETAILS



TYPICAL DETAIL OF SS LADDER



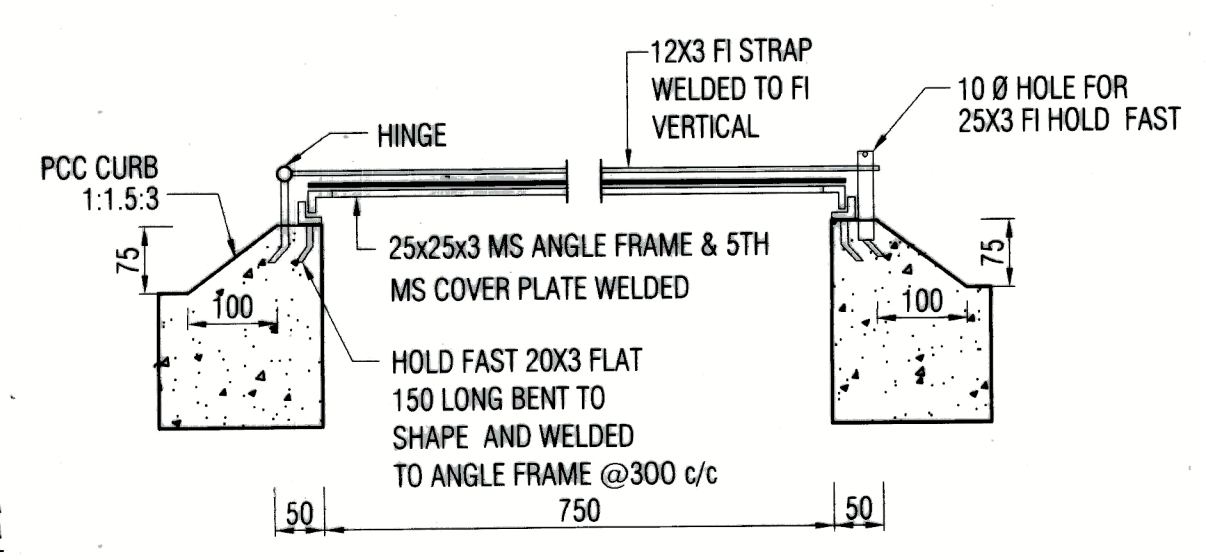
TYPICAL SLAB PROJECTION & PAPAPET DETAIL



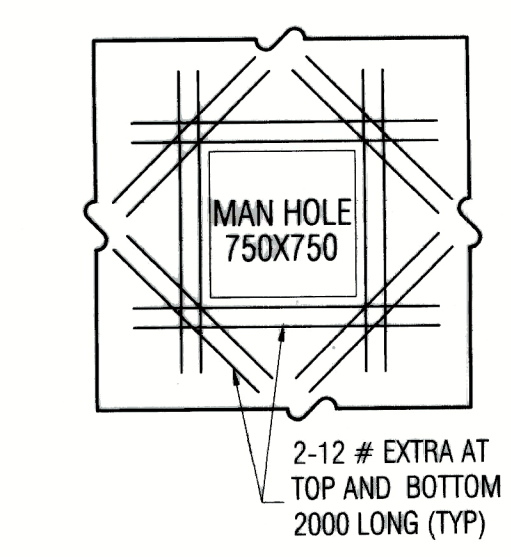
DETAIL OF SS RUNGS LADDER

SCHEDULE OF SLAB

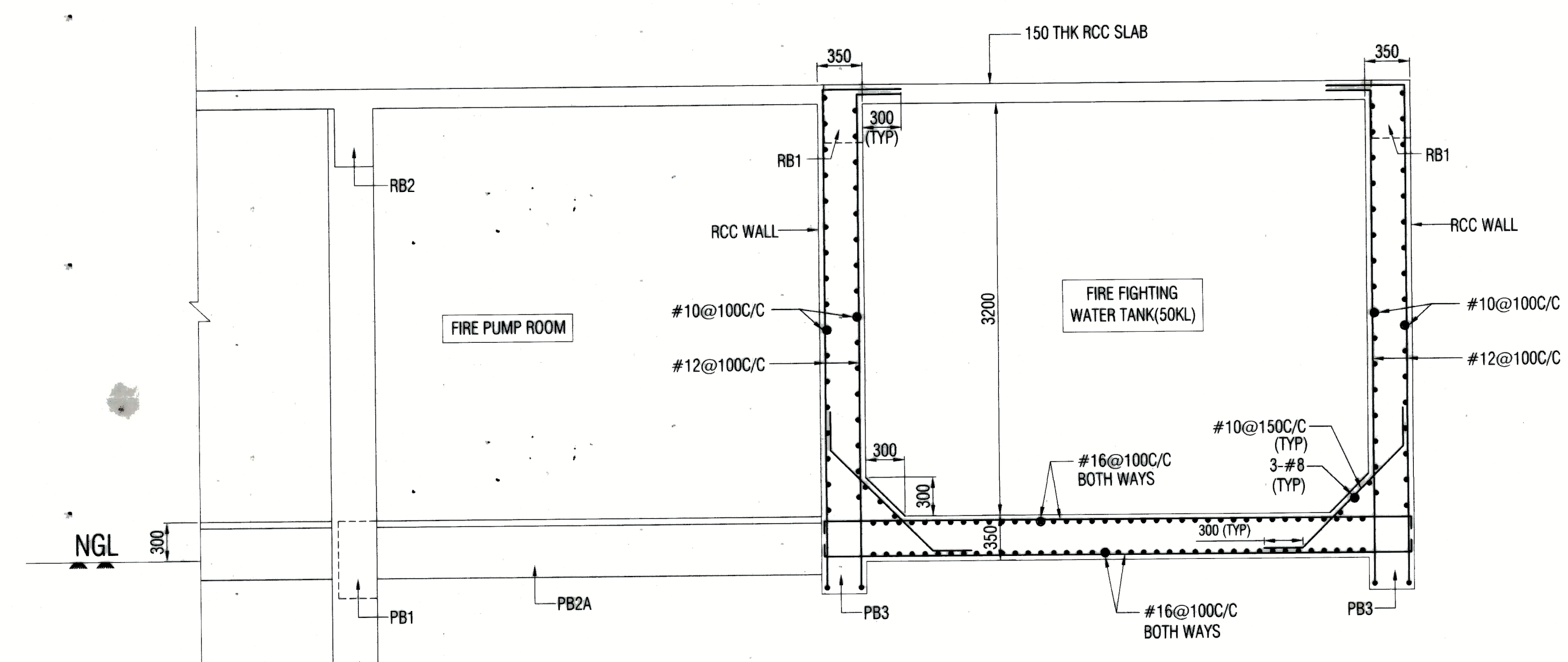
NAME INCLATURE	THICKNESS	TYPE OF SLAB	BOTTOM REINFORCEMENT				EXTRA REINFORCEMENT AT TOP (SUPPORT/END)				DIST. REIN AT TOP CONT. / NON-CONT. END		REMARKS
			SHORT SPAN		LONG SPAN		SHORT SPAN		LONG SPAN				
			DIA	SPACING C/C	DIA	SPACING C/C	DIA	SPACING C/C	DIA	SPACING C/C	DIA	SPACING C/C	
RS1	150	TWO WAY	#10	150	#10	150	#10	300	#10	300	#10	200	



DETAIL OF MAN HOLE COVER



REINF. DETAIL OF CUTOUT IN RCC SLAB (TYP.)



SECTION - B-B

SCHEDULE OF BEAM

SCHEDULE OF REINFORCEMENT											
BEAM NO.	SIZE OF BEAM		REINFORCEMENT							SPACER BARS @ 1000 C/C	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)			
PLINTH BEAM											
PB1	300	600	3-#16	-	3-#16	2-#12	#8 @ 70 c/c	#8 @ 150 c/c	-	#25	
PB2	300	450	2-#16+1-#12	-	2-#16	1-#16	#8 @ 70 c/c	#8 @ 150 c/c	-	-	
PB2A*	300	450	3-#16	-	3-#16	2-#16	#8 @ 70 c/c	#8 @ 150 c/c	-	#25	
PB3	350	600	3-#20	-	3-#20	3-#20	#10 @ 70 c/c	#10 @ 70 c/c	-	#25	
ROOF BEAM											
RB1	300	600	3-#16	-	3-#16	2-#12	#8 @ 70 c/c	#8 @ 70 c/c	-	#25	
RB2	300	600	3-#16	-	3-#16	2-#16	#8 @ 90 c/c	#8 @ 90 c/c	-	#25	
RB3	300	450	2-#16+1-#12	-	2-#16+1-#12	-	#8 @ 70 c/c	#8 @ 150 c/c	-	-	
RB4	300	450	2-#16+1-#12	-	2-#16	1-#16	#8 @ 70 c/c	#8 @ 150 c/c	-	-	
RB4A	300	450	2-#16+1-#12	-	3-#16	-	#8 @ 70 c/c	#8 @ 70 c/c	-	-	
RB5	300	450	3-#16	-	3-#16	2-#16	#8 @ 90 c/c	#8 @ 150 c/c	-	#25	
RB6	300	450	3-#16	-	2-#16	-	#8 @ 90 c/c	#8 @ 150 c/c	-	-	

NOTE:-

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS & CONDITIONS, SPECIFICATION AND SCHEDULE OF ITEMS.
- ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
- ALL ROOM DIMENSION, CENTER LINE DIMENSION SHALL BE SET AS PER ARCHITECTURAL DRAWING.
- FOR STRUCTURAL GENERAL NOTES, REFER DWG. NO. GDR/KPT/005/STR/01.
- FOR STRUCTURAL STANDARD TYPICAL DETAILS, REFER DWG. NO. GDR/KPT/005/STR/02. SHT. 01 & 02
- BEAMS AND OTHER STRUCTURAL MEMBER SHALL NOT BE CUT THROUGH TO PROVIDE DRAIN PIPES ETC. SLEEVES OF SUITABLE SIZE MAY BE PROVIDED AT THE TIME OF CASTING THE SLAB TO TAKE OUT THE PIPES LATER.

CHECKED & VETTED

Prof. Dr. S. Satyam D.
General Manager - Design
GEO DESIGNS & RESEARCH (P) LTD.
Simrol, Indore-462002, India

REV.	DATE	DESCRIPTION	SIGNATURE
REVISIONS			

PROJECT:- CONSTRUCTION OF ADMINISTRATIVE OFFICE BUILDING FOR DEENDAYAL PORT AUTHORITY, KANDLA.

NAME OF WORK:- FIREPUMP ROOM

TITLE:- LAYOUT AND RCC DETAILS OF PILE & PILE CAP GRADE BEAM & SCHEDULE

KANDLA PORT TRUST

REF. DRG. NO:-

CONSULTANT:- GEO DESIGNS & RESEARCH (P) LTD.

B-10 KRISHNA IND. ESTATE, OPP. B.I.D.C GORWA ESTATE, VADODARA - 390 016
TELEFAX : 91-265-2290222
2283081, 2282305
E-mail : designmeseng@geogroup.in

DRAWN BY	KINJAL	DRG. NO.	GDR/KPT/005/STR/32
DESIGNED BY	RICHA	PROJECT NO.	SHEET NO.
REVIEWED BY	HOJEFA	GDBU23005	01 OF 01
SCALE	NOT TO SCALE		
DATE	04-07-2024		

FILE NAME:-