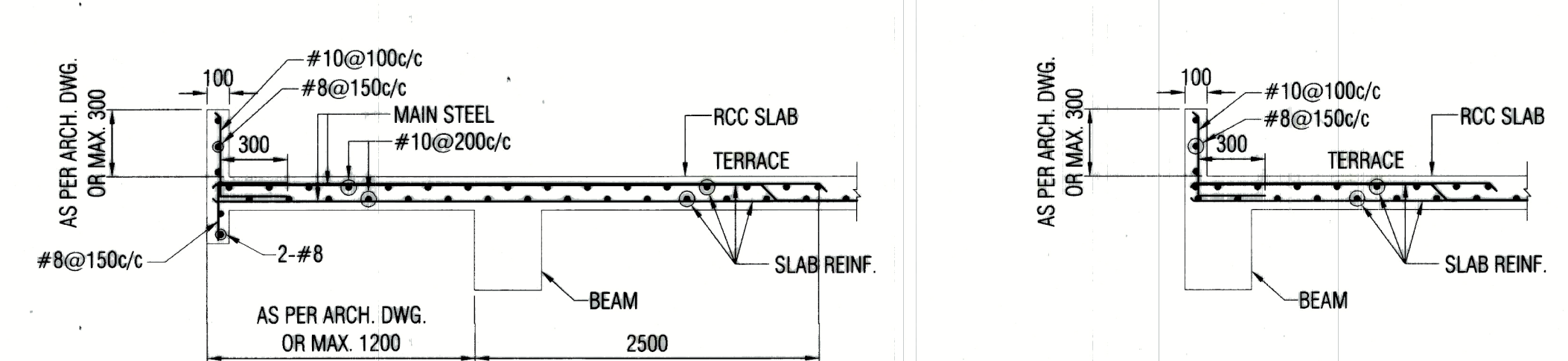
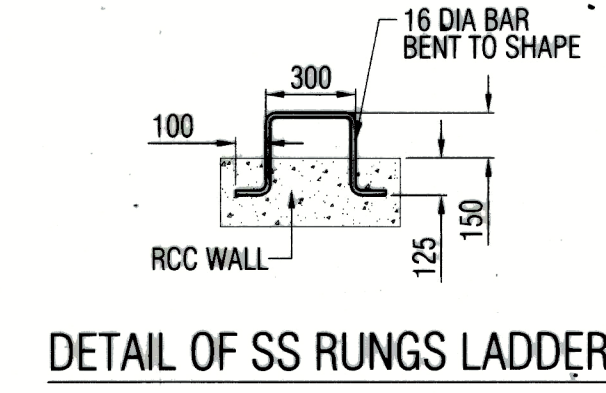


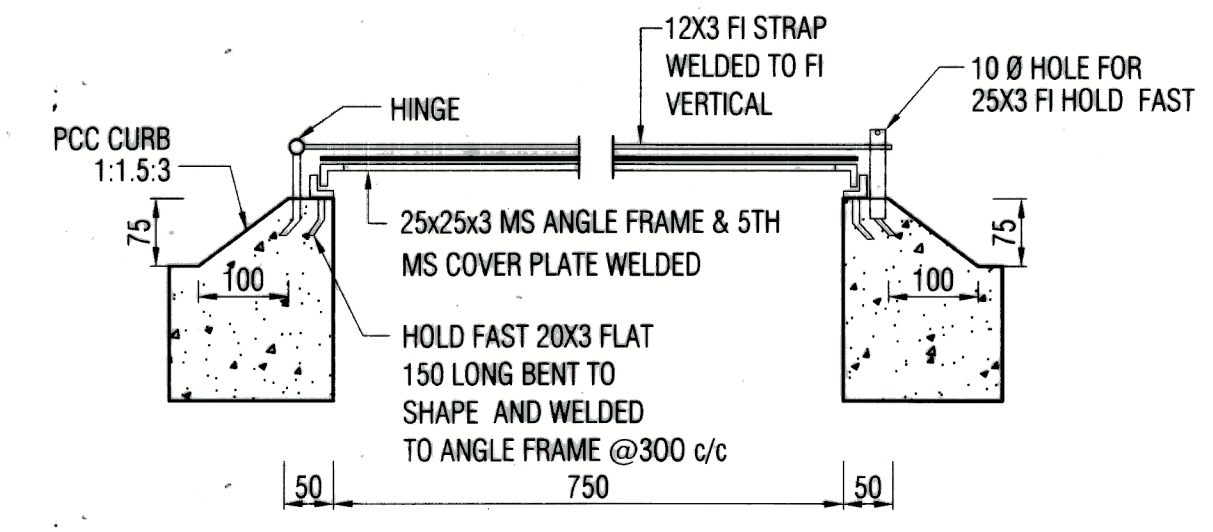
LAYOUT OF ROOF SLAB



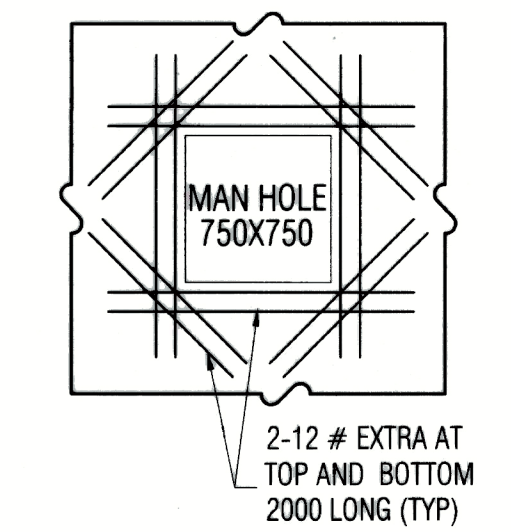
TYPICAL SLAB PROJECTION & PAPAPET DETAIL



DETAIL OF SS RUNGS LADDER



DETAIL OF MAN HOLE COVER



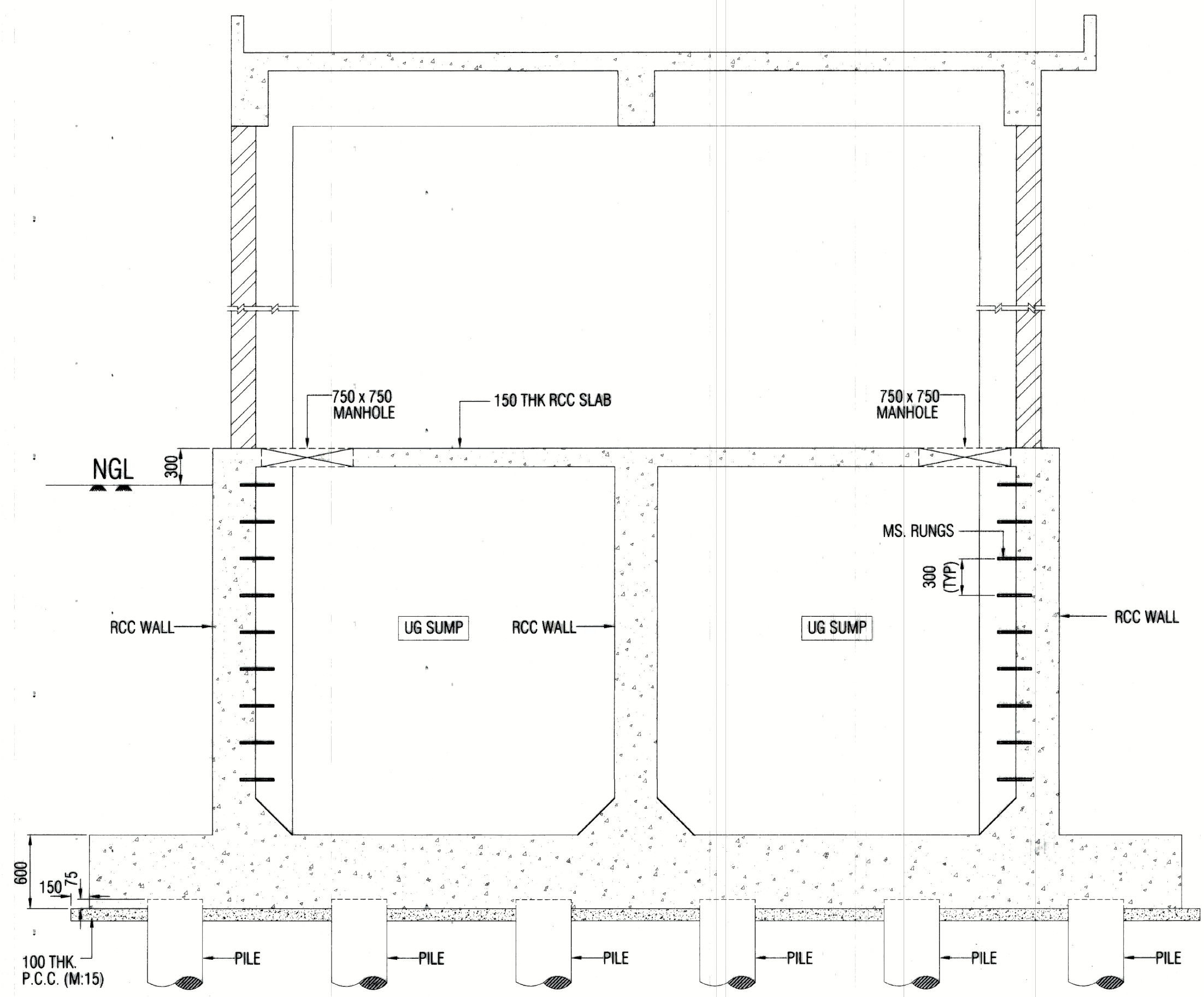
REINF. DETAIL OF CUTOUT IN RCC SLAB (TYP.)

SCHEDULE OF BEAM

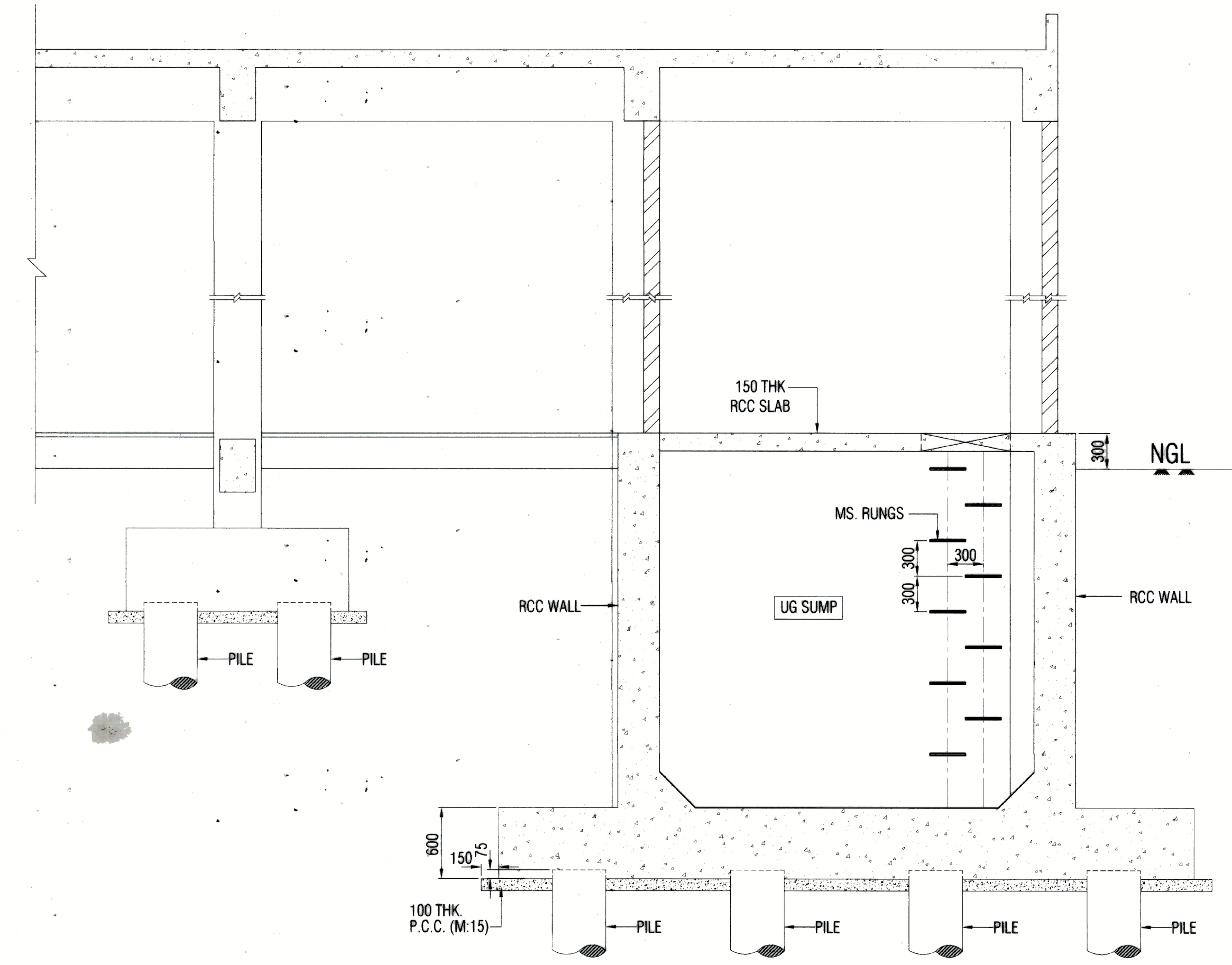
BEAM NO.	SIZE OF BEAM		REINFORCEMENT							SPACER BARS @ 1000 C/C	REMARKS
	BREADTH	DEPTH	. BOTTOM BARS		TOP BARS		STIRRUPS		SIDE FACE REINF. ON EACH FACE		
			THROUGHOUT	EXTRA BAR AT MIDDLE	THROUGHOUT	EXTRA BAR AT SUPPORT	AT SUPPORT (FOR LENGTH 2d)	BALANCE PORTION (AT MIDDLE)			
PLINTH BEAM											
PB1	300	600	3-#16	-	3-#16	2-#12	#8 @ 70 c/c	#8 @ 150 c/c	-	#25	
PB2	300	600	3-#16	-	3-#16	2-#12	#8 @ 70 c/c	#8 @ 150 c/c	-	#25	
PB2A	300	600	5-#16	-	3-#16	2-#20	#8 @ 70 c/c	#8 @ 150 c/c	-	#25	
ROOF BEAM											
RB1	300	600	3-#16	-	3-#16	2-#12	#8 @ 70 c/c	#8 @ 150 c/c	-	#25	
RB2	300	600	3-#16	-	3-#16	2-#16	#8 @ 90 c/c	#8 @ 150 c/c	-	#25	

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	
FS1	150	TWO WAY	#10	150	#10	150	#10	300	#10	300	#10	200	
RS1	150	TWO WAY	#10	150	#10	150	#10	300	#10	300	#10	200	



SECTION - A-A



SECTION - B-B

NOTE:-

- 1) THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS & CONDITIONS, SPECIFICATION AND SCHEDULE OF ITEMS.
- 2) ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
- 3) ALL ROOM DIMENSION, CENTER LINE DIMENSION SHALL BE SET AS PER ARCHITECTURAL DRAWING.
- 4) FOR STRUCTURAL GENERAL NOTES, REFER DWG. NO. GDR/KPT/005/STR/01.
- 5) FOR STRUCTURAL STANDARD TYPICAL DETAILS, REFER DWG. NO. GDR/KPT/005/STR/02. SHT. 01 & 02
- 6) 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


Dr. Neelima Satyan D.
Professor
at Civil Engineering
Institute of Technology Indore
Simrol, Indore-453552, India

REV.	DATE	DESCRIPTION	SIGNATURE
REVISIONS			

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

NAME OF WORK:-
AC PLANT ROOM

TITLE:-
**LAYOUT AND RCC DETAILS
PLINTH BEAM, ROOF SLAB & SCHEDULE**

 **KANDLA PORT TRUST**

CONSULTANT:-
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DESIGNED BY	HOJEFA	PROJECT NO.	SHEET NO.
REVIEWED BY	HOJEFA / DINESH	REVISION	
SCALE	NOT TO SCALE	GDBU23005	01 OF 01
DATE	04-07-2024		R0