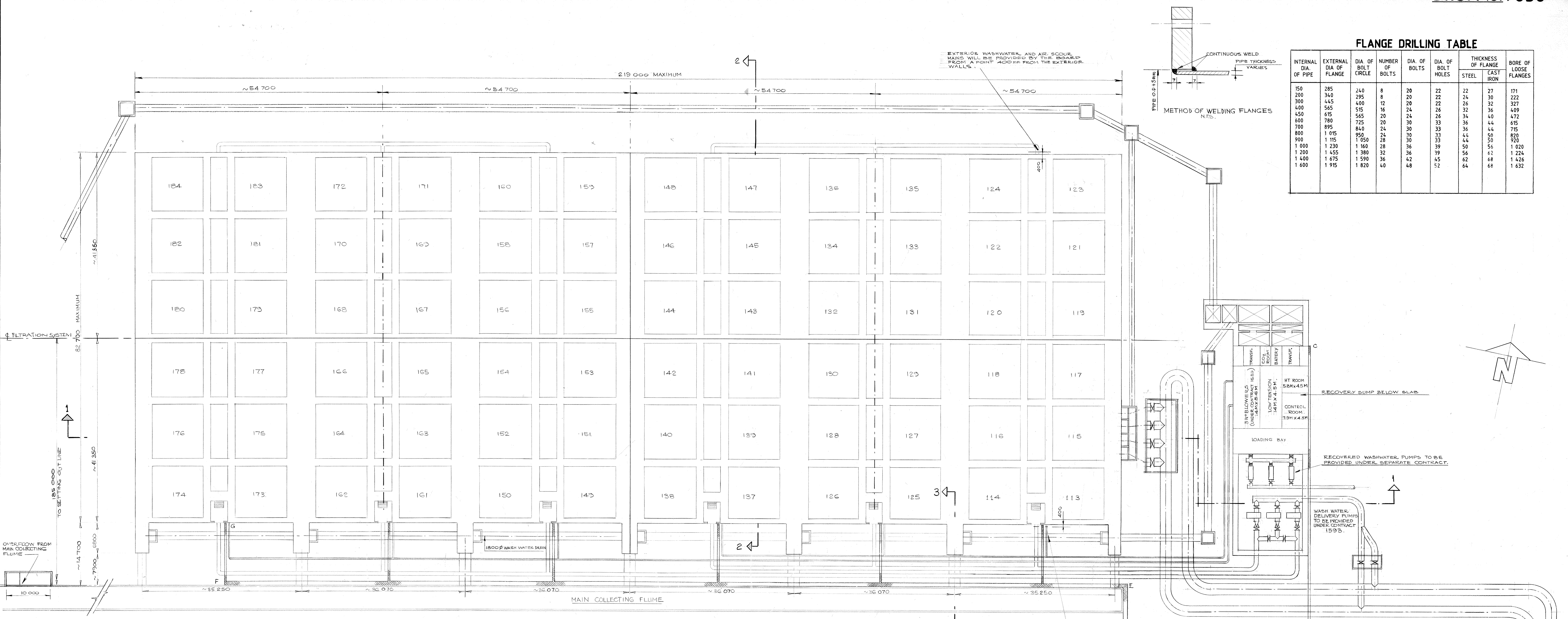
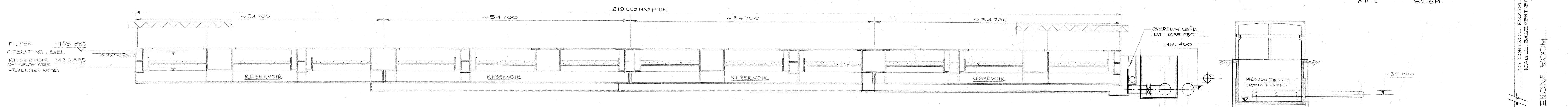


FLANGE DRILLING TABLE									
INTERNAL DIA. OF PIPE	EXTERNAL DIA. OF FLANGE	DIA. OF BOLT CIRCLE	NUMBER OF BOLTS	DIA. OF BOLTS	DIA. OF BOLT HOLES	THICKNESS OF FLANGE		BORE OF LOOSE FLANGES	
						STEEL	CAST IRON		
150	285	240	8	20	22	22	27	171	
200	340	295	8	20	22	24	30	222	
300	445	400	12	20	22	26	32	327	
400	505	460	16	24	26	32	36	409	
450	565	515	20	24	26	34	40	472	
600	780	725	20	30	33	36	44	615	
700	895	840	24	30	33	36	44	715	
800	1 015	950	24	30	33	44	50	820	
900	1 115	1 050	28	30	33	44	50	920	
1 000	1 230	1 160	28	36	39	50	56	1 020	
1 200	1 455	1 380	32	36	39	56	62	1 224	
1 400	1 675	1 590	36	42	45	62	68	1 424	
1 600	1 915	1 820	40	48	52	64	68	1 632	

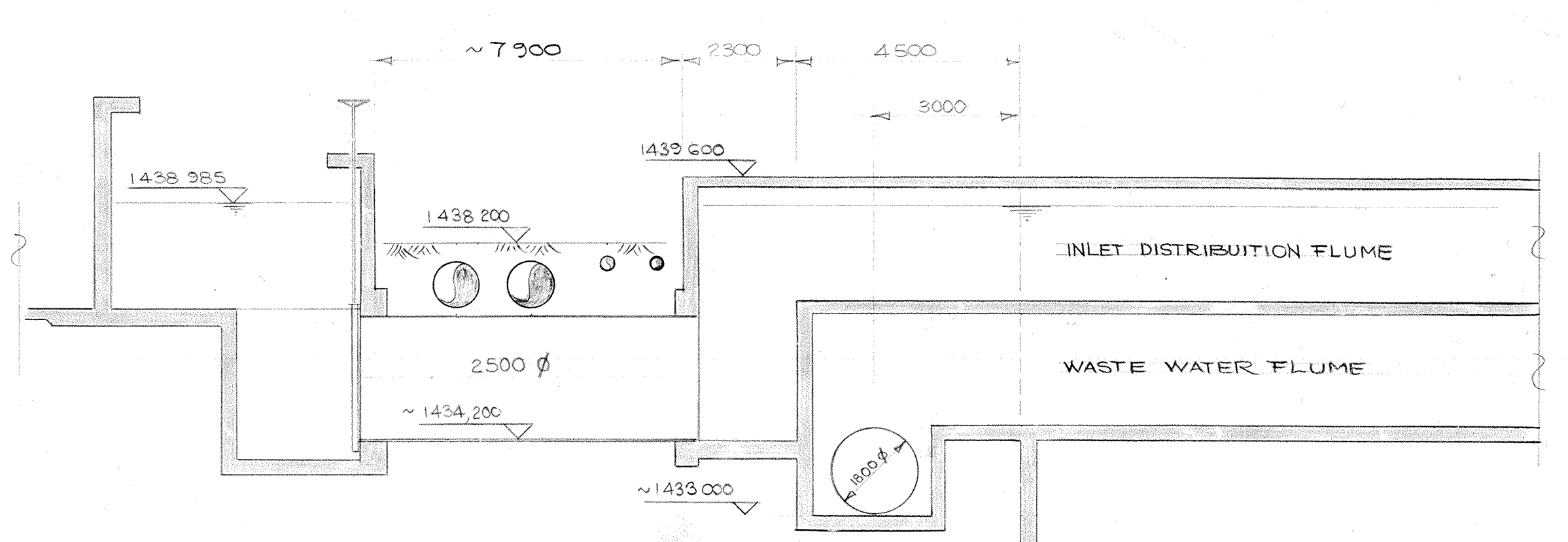
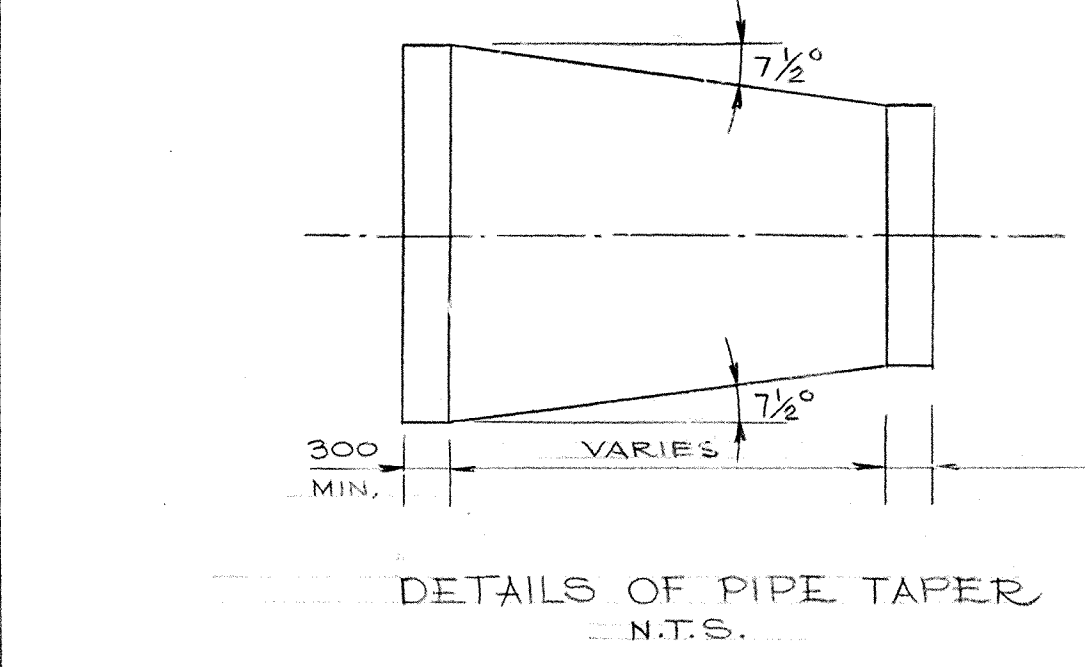
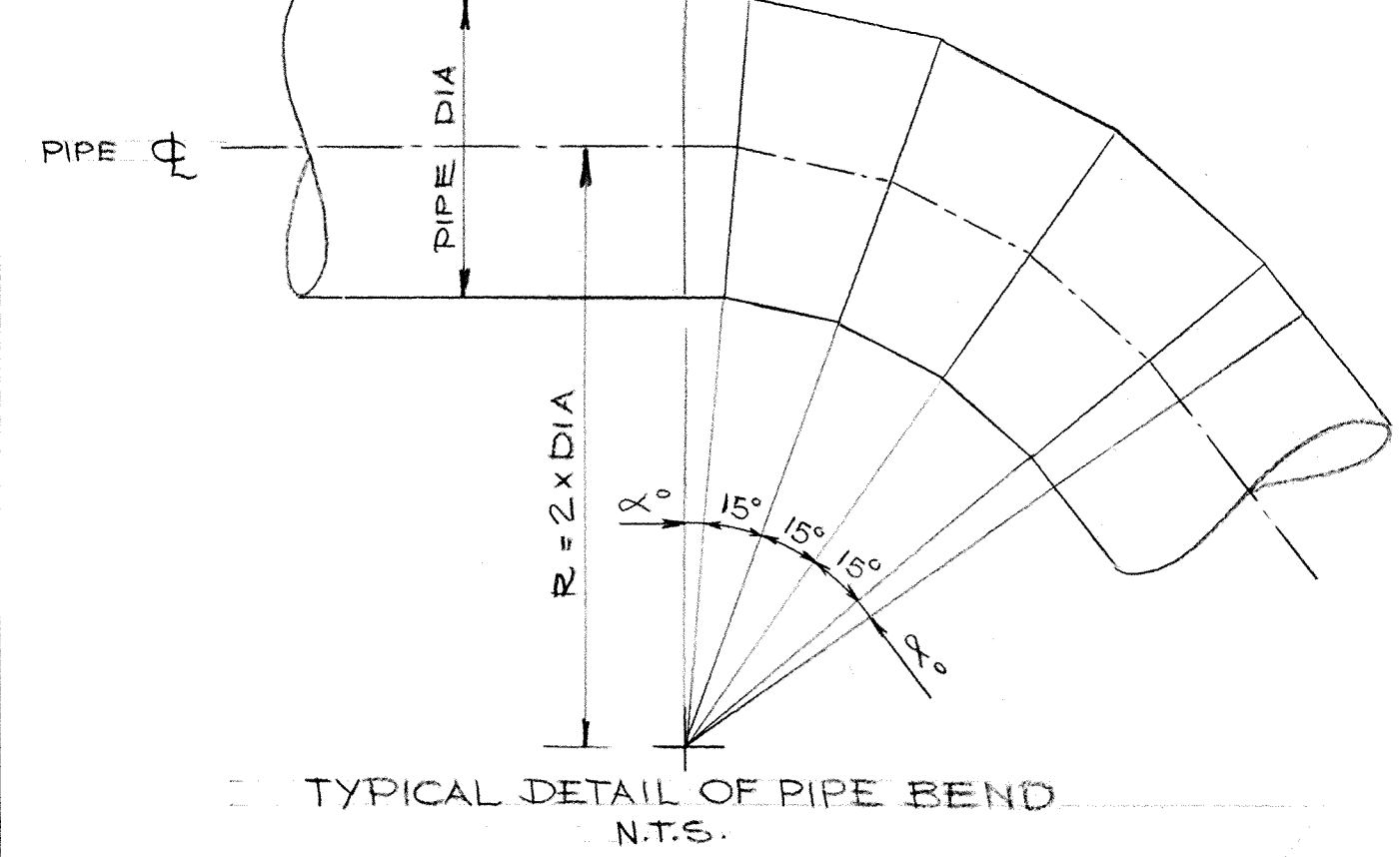


NOTE:
RESERVOIR OVERFLOW WEIR LVL. TO BE FIXED BY HEAD LOST THROUGH FILTER, BUT NOT LESS THAN LEVEL SHOWN.
LEVEL IN RESERVOIR UNDER OVERFLOW CONDITIONS TO BE TAKEN AS 500mm ABOVE OVERFLOW WEIR LEVEL.

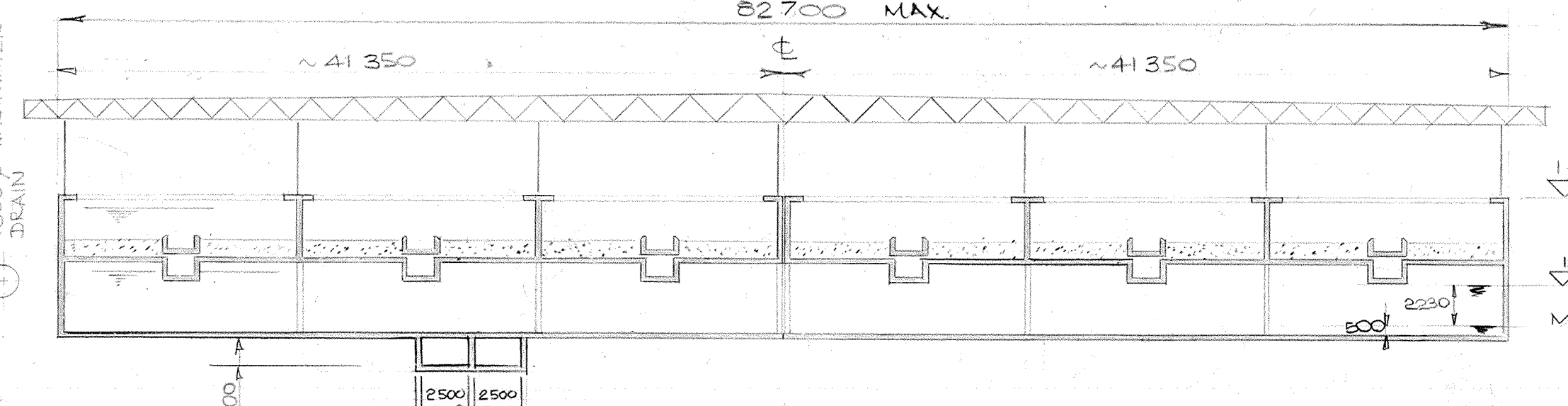
PLAN ON FILTER
SCALE 1:300



SECTION 1-1
SCALE 1:300



SECTION 3-3
SCALE 1:100



SECTION 2-2
SCALE 1:300

ELECTRIC CABLE DUCT
APPROXIMATE LENGTHS:
AP = 47.5 M
BC = 20.5 M
DEF = 12.5 M
FG = 82.5 M

NOTE: THIS DRAWING SUPERSEEDS DRG. No. 9086/1511

RAND WATER BOARD
VEREENIGING PUMPING STATION
1982 SCHEME
900ML/D FILTRATION SYSTEM
GENERAL ARRANGEMENT OF FILTERS AND PIPEWORK
DRG. No. 9638/1539

STATION				WKS				DOC. TYPE			
VG	40	UG	P					DC	TYPE	S	
REFERENCES											
DRG. No. 5166				JOB No. 82/1860				DATE 26-04-1986			
5639				W.O. No.				DRAWN BY D. V. SPURLEY			
				CONTRACT No. 1539				TRACED BY			
								CHECKED BY			
								SCALE AS SHOWN			
								APPROVED BY			