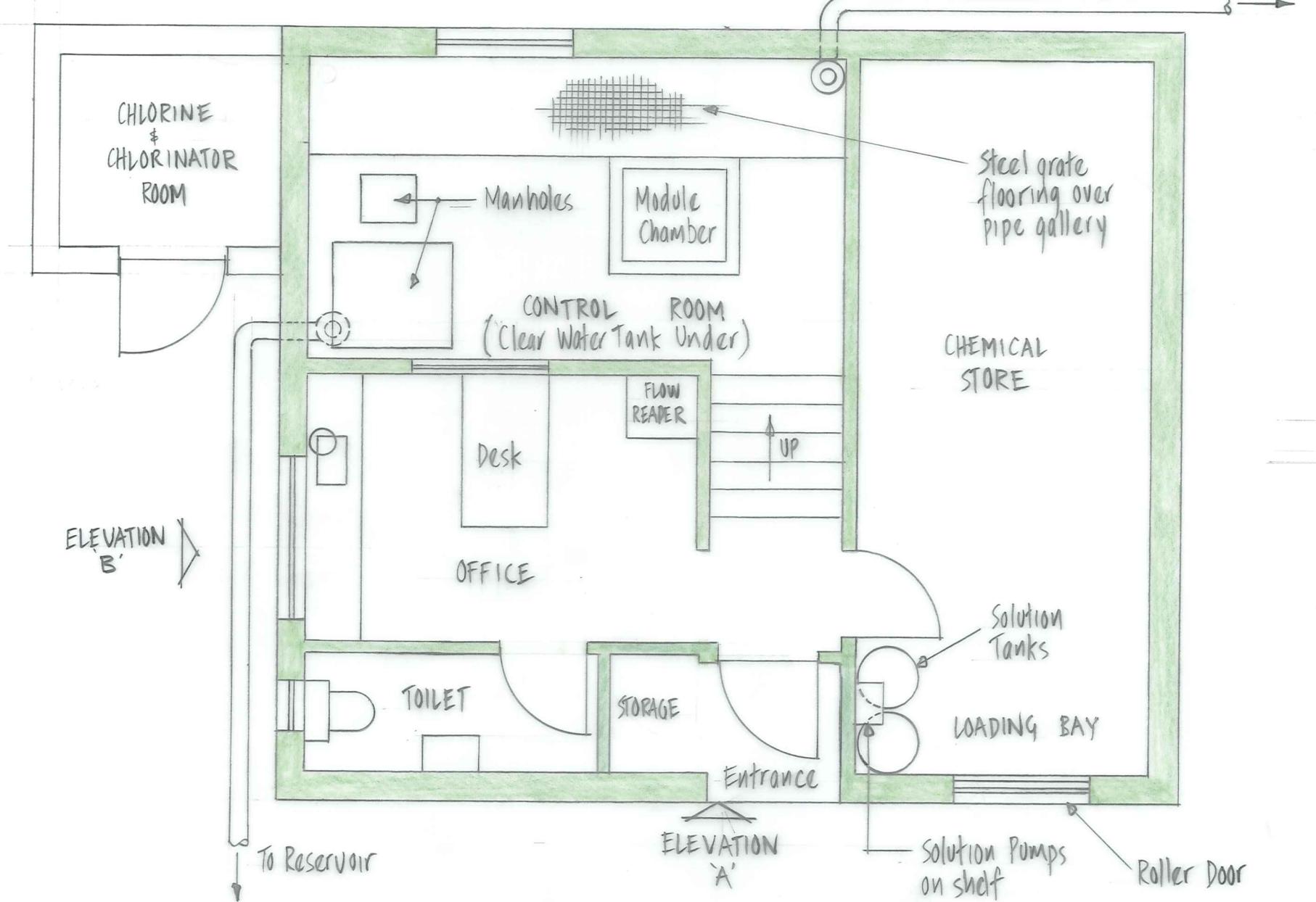
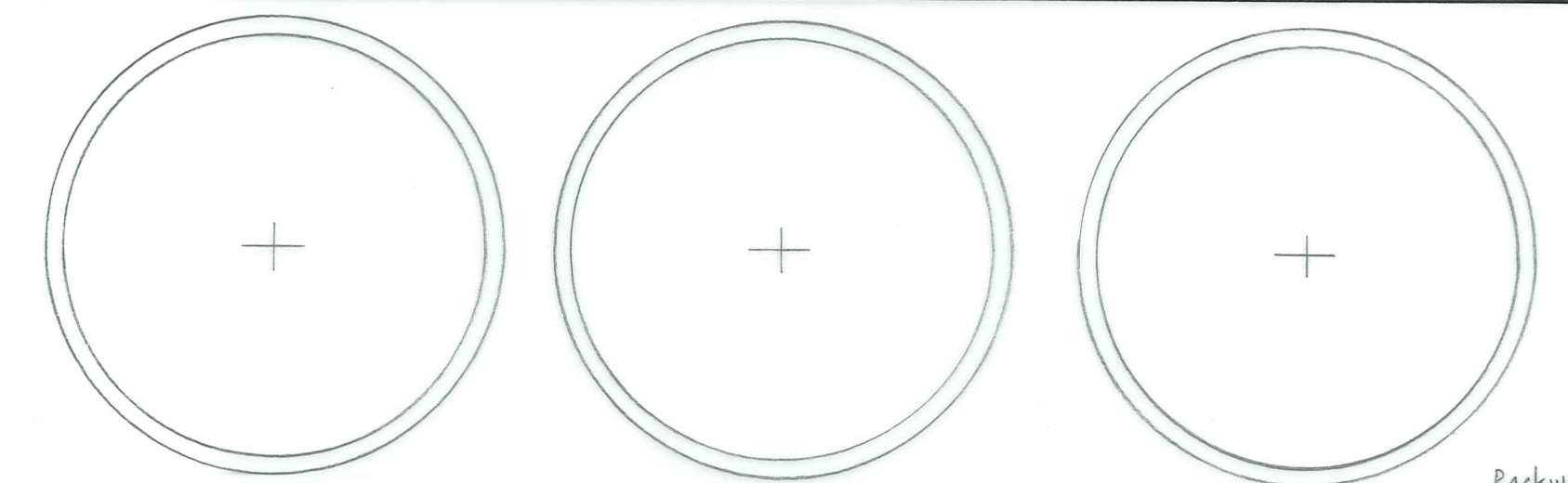
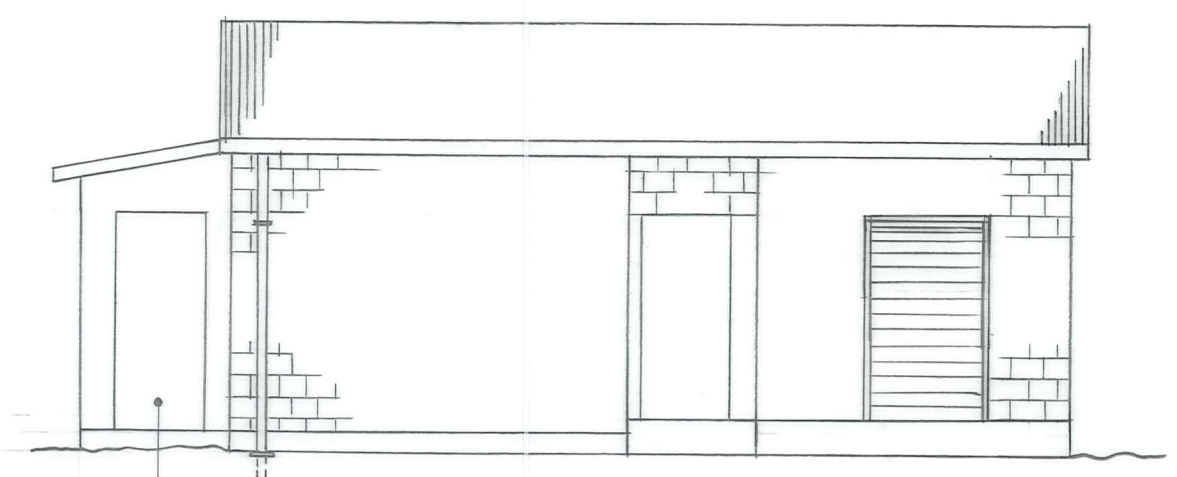


ORIGINAL SIZE
mm INCHES

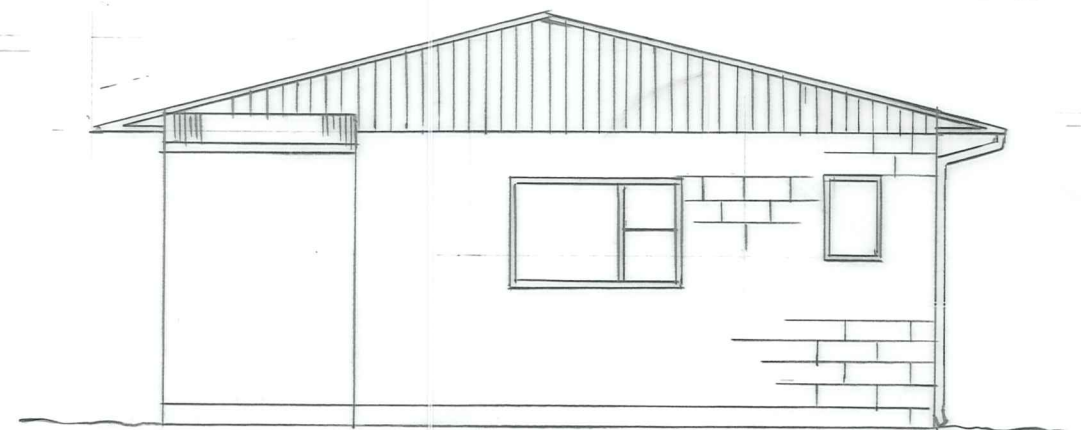
1 2 3 4 5 6 7 8 9



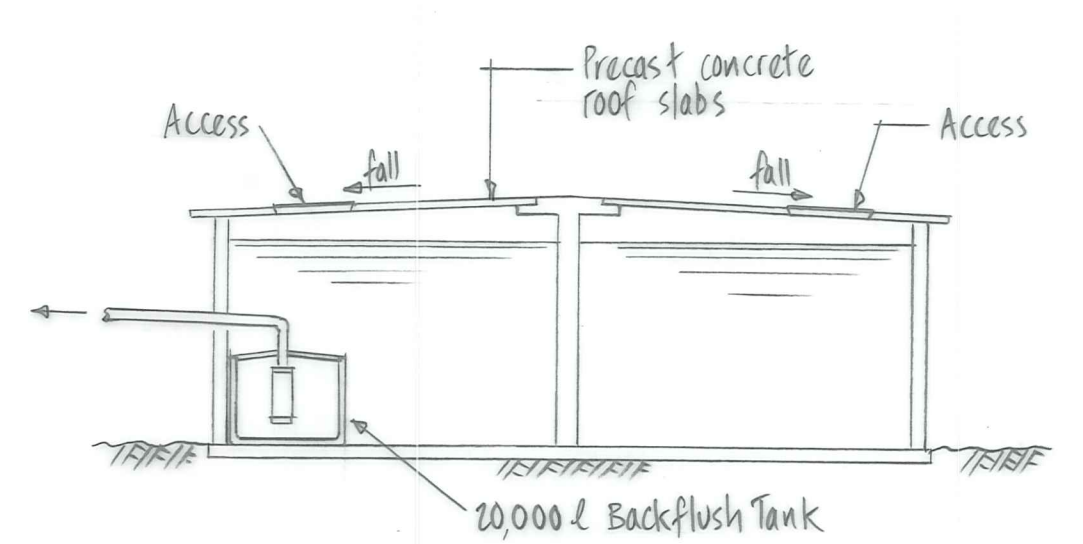
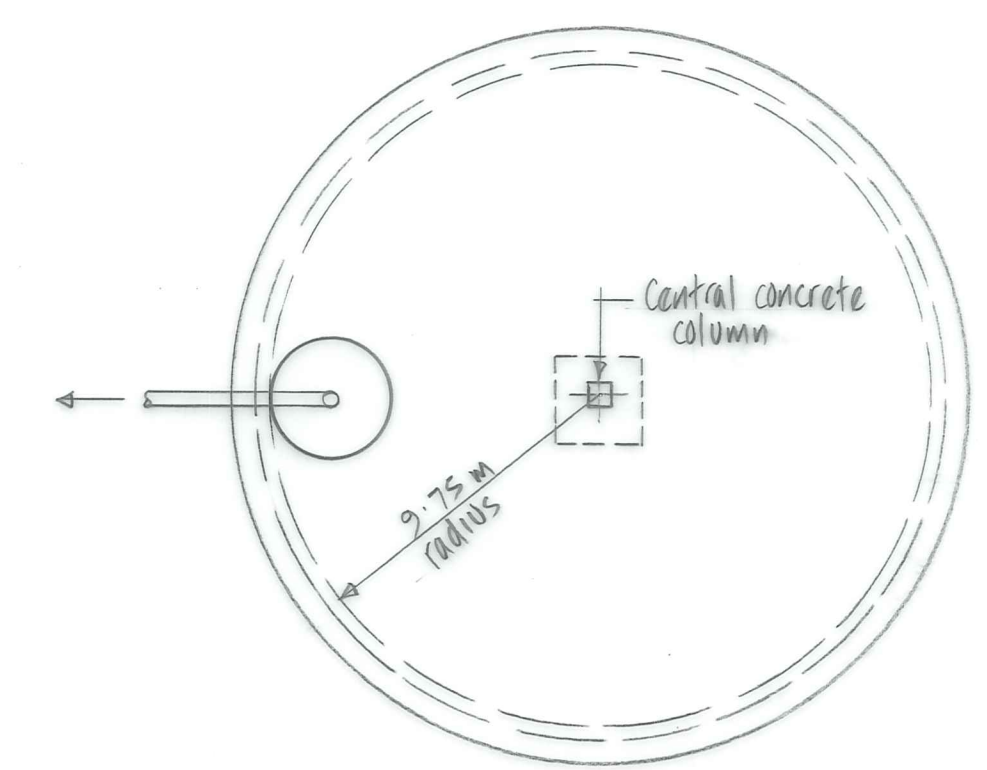
PLAN OF PROPOSED TREATMENT WORKS BUILDING (N.T.S)



ELEVATION 'A' (N.T.S)

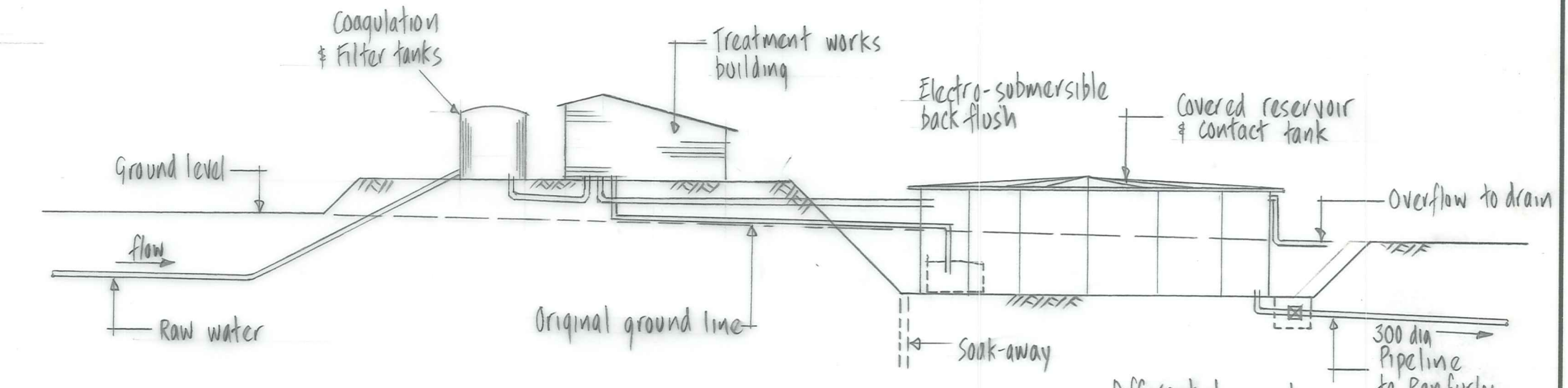


ELEVATION 'B' (N.T.S)

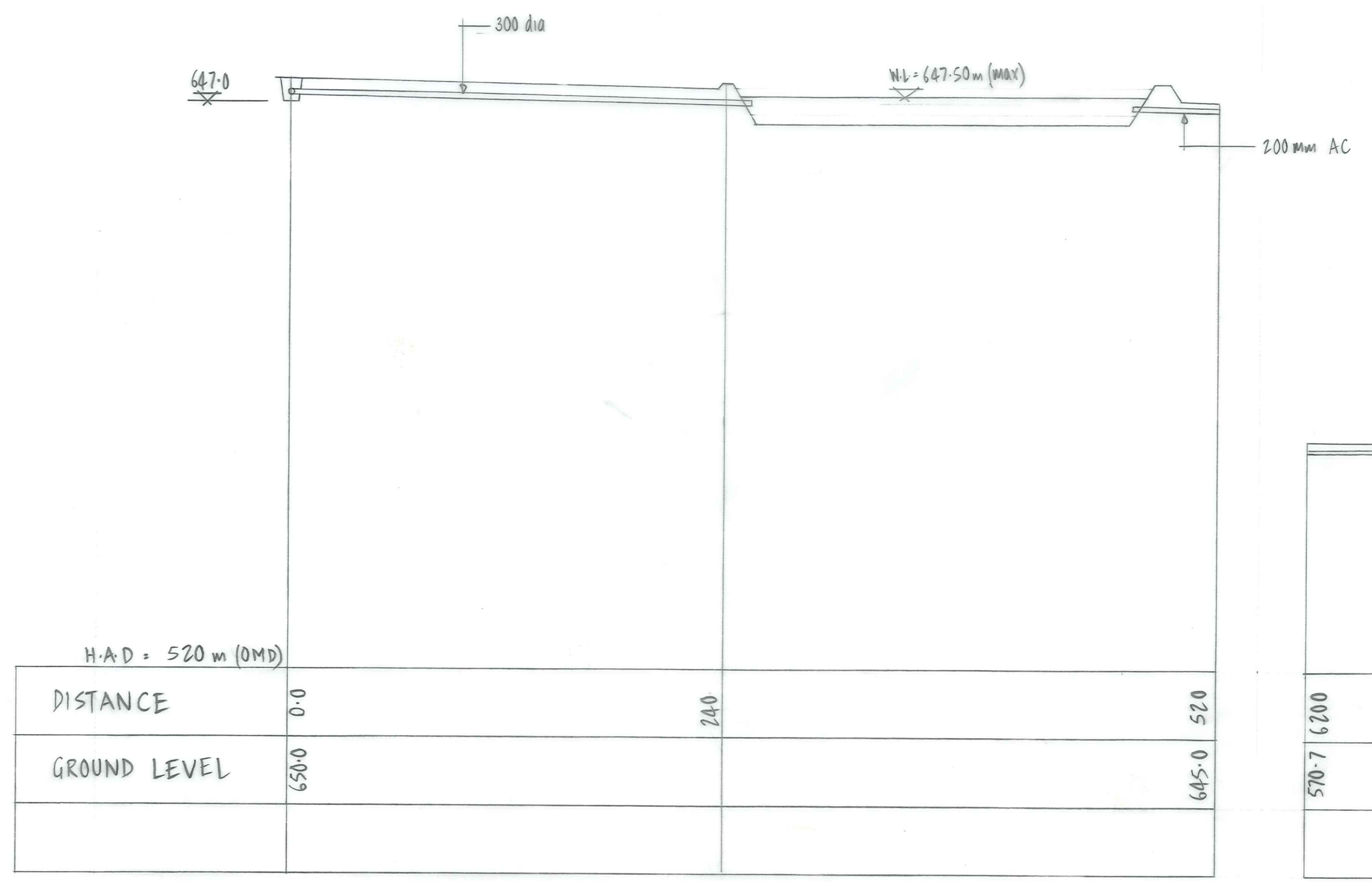


PROPOSED COVERED RESERVOIR DETAILS (N.T.S)

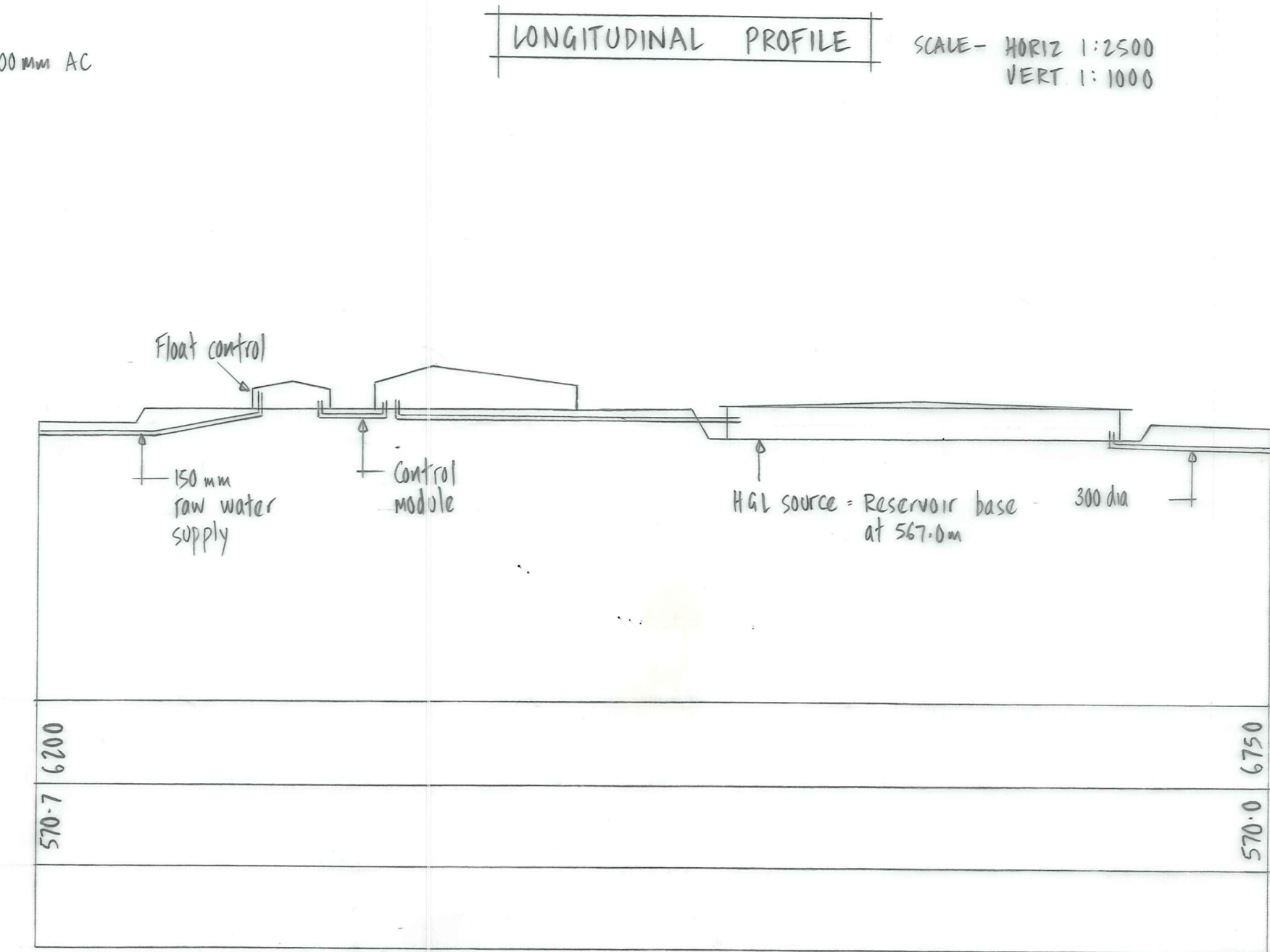
Reservoir Capacity
1,850,000 l (405,000 gal)



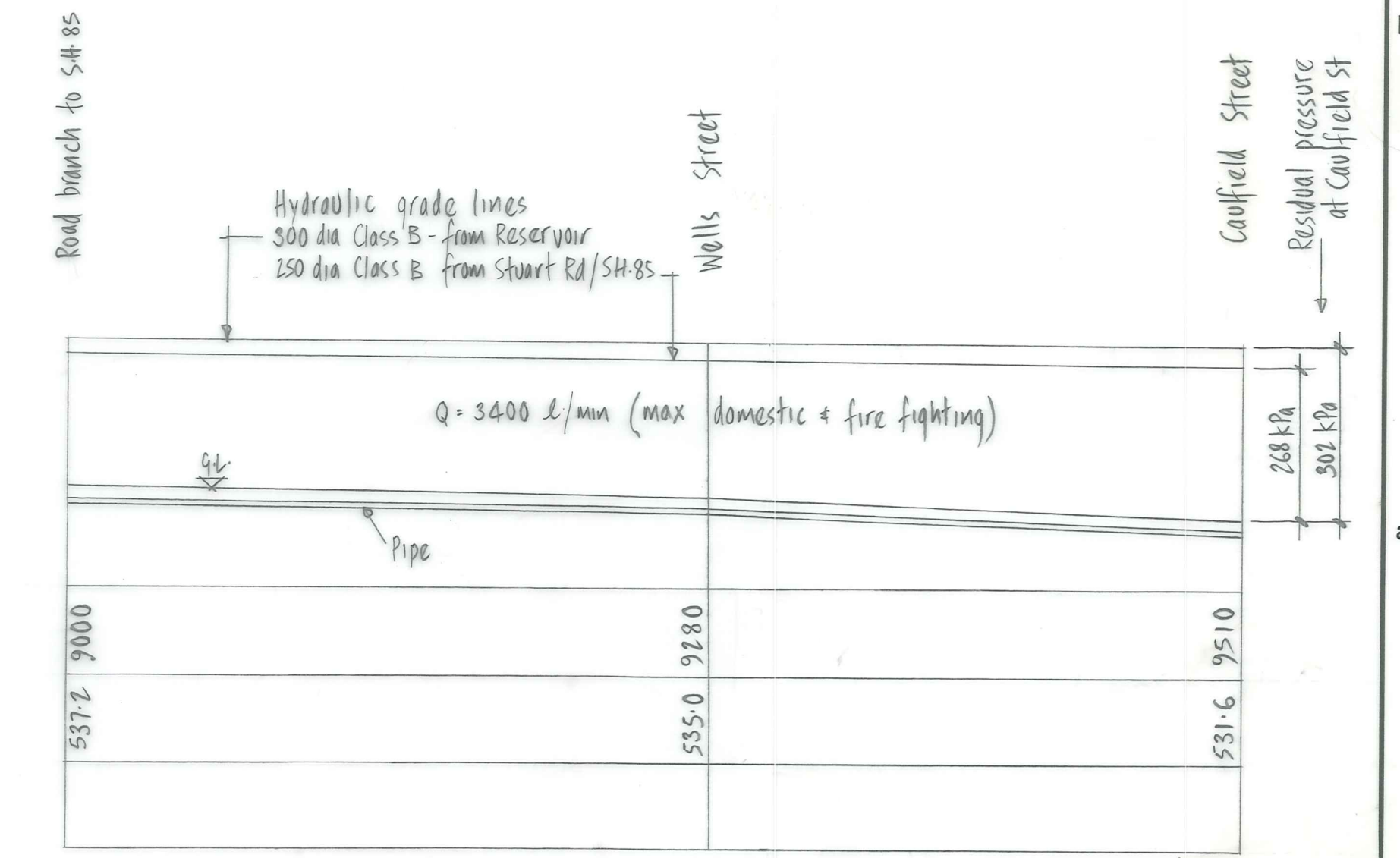
SCHEMATIC LAYOUT OF TREATMENT PLANT & COVERED RESERVOIR (N.T.S)



INFILTRATION GALLERY & OPEN RESERVOIR



TREATMENT WORKS & BALANCING RESERVOIR



RETICULATION TO TOWN

DUFFILL WATTS & KING LTD
CONSULTING CIVIL & STRUCTURAL ENGINEERS
Dunedin P.O. Box 5269 Ph. 777-133 Invercargill P.O. Box 576 Ph. 83049
Cromwell P.O. Box 82 Ph. 50-381

MANIOTOTO
COUNTY COUNCIL

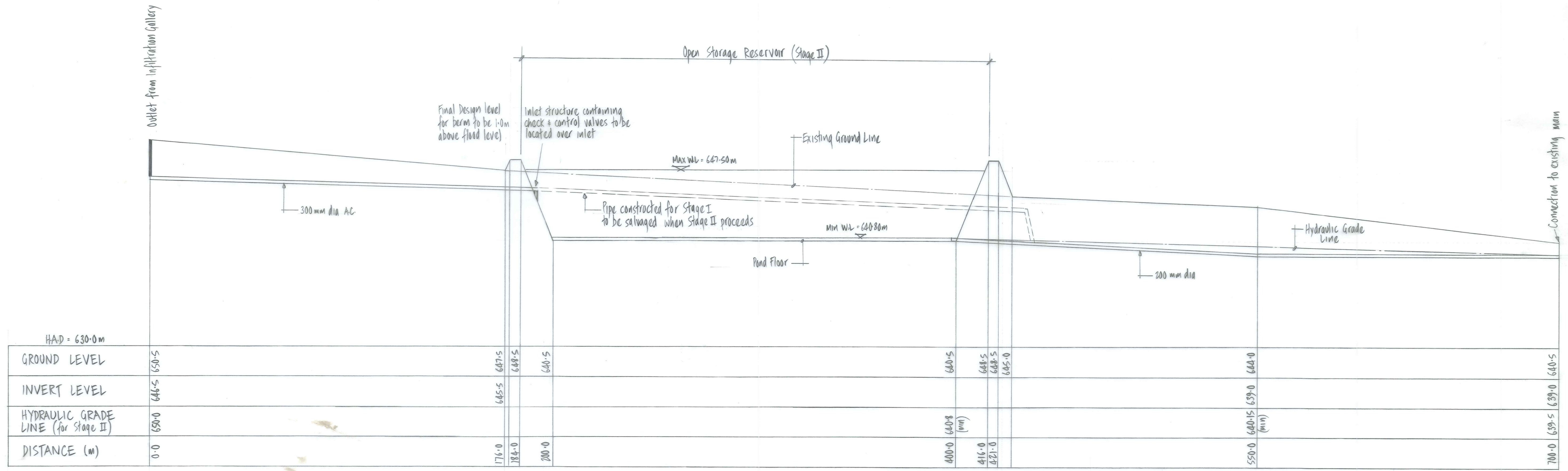
RANFURLY WATER SUPPLY UPGRADING 1982/83
HEADWORKS / TREATMENT / SERVICE RESERVOIR
LAYOUT & PROFILES

AMENDMENTS			NAME		DATE	JOB NO.	Sheet No		
NO.	BY	DATE	Appvd.	Surveyed	Drawn	9716	9		
				Calculations	S. NEWLANDS			DEC 1982	
				Traced	J. KROX			DEC 1982	
				Checked	S. Newlands				
				Approved					

File 6/6/7 L.B. F.B.

1 2 3 4 5 6 7 8 9

300
200
150
100
50
30
10
0
mm
INCHES
ORIGINAL SIZE



LONGITUDINAL SECTION
 SCALES - 1:1000 HORIZ
 1:200 VERT

DUFFILL WATTS & KING LTD
 CONSULTING CIVIL & STRUCTURAL ENGINEERS
 Dunedin P.O. Box 5269 Ph. 777-133 Invercargill P.O. Box 576 Ph. 83049
 Cromwell P.O. Box 82 Ph. 50-391

MANIOTOTO COUNTY COUNCIL

RANFURLY WATER SUPPLY UPGRADING
 LONG SECTION THROUGH STAGE II RESERVOIR

AMENDMENTS			NAME		DATE	JOB NO.	Sheet No		
NO.	BY	DATE	Appvd.	Surveyed		9716	S10		
				Drawn					
				Calculations	S. NEWLANDS			FEB 1983	
				Traced	J. KNOX			FEB 1983	
				Checked					
				Approved					

1 2 3 4 5 6 7 8 9

e

d

c

b

a

1 2 3 4 5 6 7 8 9