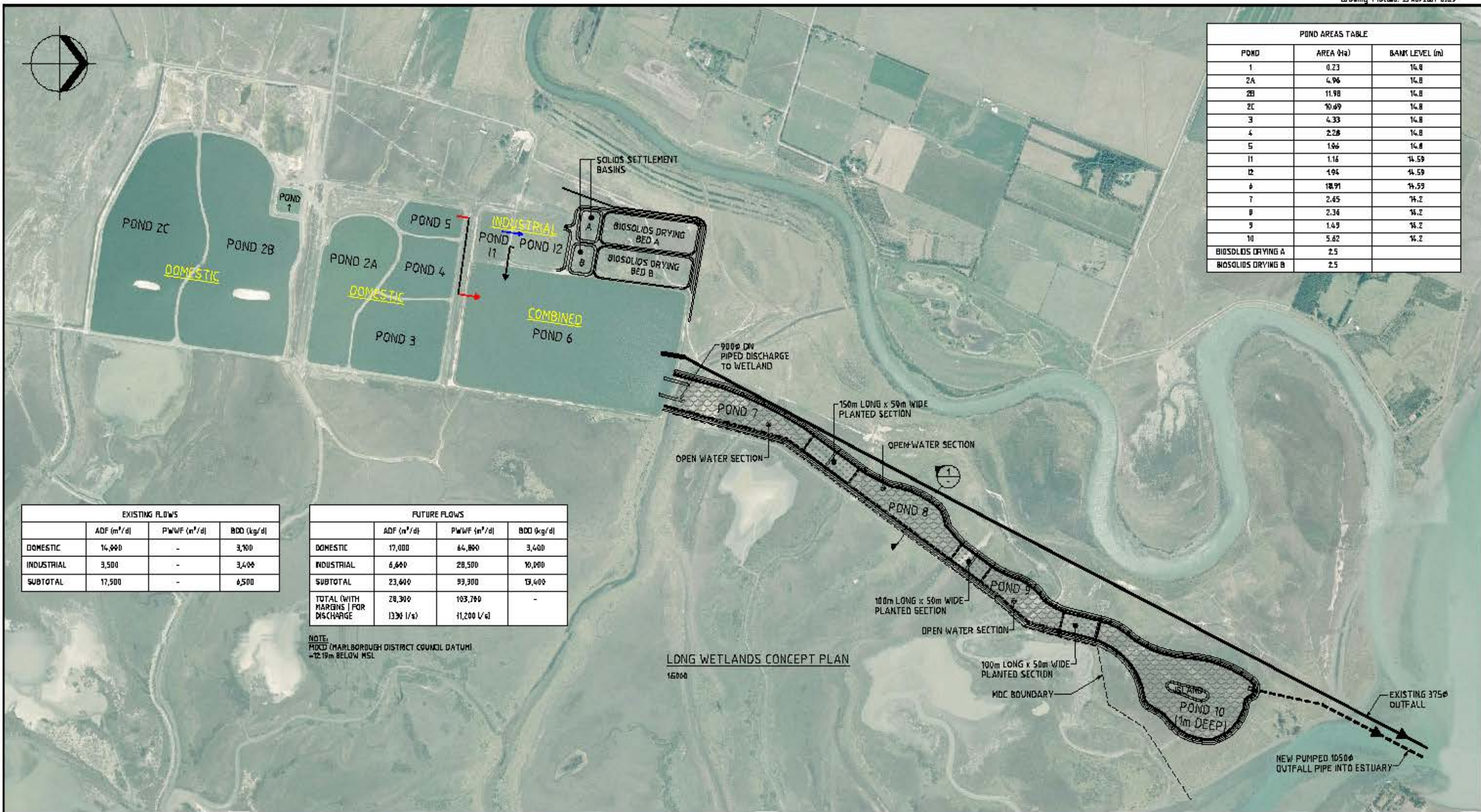




POND AREAS TABLE		
POND	AREA (Ha)	BANK LEVEL (m)
1	0.23	14.8
2A	4.96	14.8
2B	11.98	14.8
2C	10.49	14.8
3	4.33	14.8
4	2.28	14.8
5	1.66	14.8
11	1.16	14.59
12	1.94	14.59
6	18.91	14.59
7	2.45	14.2
8	2.34	14.2
9	1.49	14.2
10	5.62	14.2
BIO-SOLIDS DRYING A	2.5	
BIO-SOLIDS DRYING B	2.5	

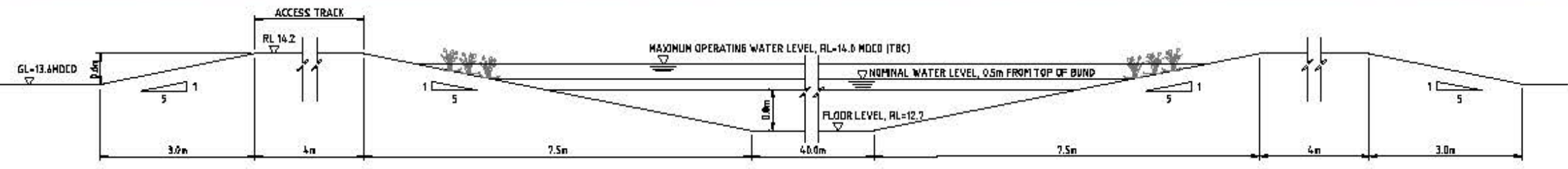


EXISTING FLOWS			
	ADF (m³/d)	PWWF (m³/d)	BOD (kg/d)
DOMESTIC	14,000	-	3,700
INDUSTRIAL	3,500	-	3,400
SUBTOTAL	17,500	-	6,500

FUTURE FLOWS			
	ADF (m³/d)	PWWF (m³/d)	BOD (kg/d)
DOMESTIC	17,000	64,800	3,400
INDUSTRIAL	6,600	28,500	10,000
SUBTOTAL	23,600	93,300	13,400
TOTAL (WITH MARGINS FOR DISCHARGE)	28,300	103,700	-
	(13% l/s)	(11,200 l/s)	

NOTE:  
MDC (MARLBOROUGH DISTRICT COUNCIL DATUM)  
= 12.19m BELOW MSL

LONG WETLANDS CONCEPT PLAN  
15000



1 SECTION  
1:50

**RESOURCE CONSENT**  
NOT FOR CONSTRUCTION

No.	Revision	By	CHK	APPD	Date
0	FOR RESOURCE CONSENT	NWJ			22.11.01

Drawing Originator:	Original Bed(s) (A1) AS SHOWN	Design:	HAB	30.08.04	Approved For Construction:
	Reduced Scale (A2)	Drawn:	BRJ	30.08.04	
	1/2 SHOWN	Eng. Verifier:			
		Eng. Check:			



Project: **BLenheim SEWAGE TREATMENT PLANT RESOURCE CONSENTS**

Title: **CONCEPT LAYOUT LONG WETLANDS TO WAIRAU ESTUARY**

Discipline:	CIVIL
Drawing No.:	6513042-C-624
Rev.:	0