

UNIT No.	TYPE	UPSTREAM END	DOWNSTREAM END
1	1 x 10' Str.	Plain End	Spigot
2	1 x 3' R.H.C.	Faucet	Sp
3	1 x 10' Str.	Fc	Fc
4 - 9	6 x 10' Str.	Sp	Fc
10	1 x 10' L.H.C.	Sp	Fc
11 - 16	6 x 10' Str.	Sp	Fc
17	1 x 3' L.H.C.	Sp	Fc
18 - 28	11 x 10' Str.	Sp	Fc
29	1 x 3' L.H.C.	Sp	Fc
30 - 39	10 x 10' Str.	Sp	Fc
40	1 x 3' L.H.C.	Sp	Fc
41	1 x 3' L.H.C.	Sp	Fc
42 - 66	25 x 10' Str.	Sp	Fc
67	1 x 7' L.H.C.	Sp	Fc
68 - 75	8 x 10' Str.	Sp	Fc
76	1 x 10' R.H.C.	Sp	Fc
77 - 96	20 x 10' Str.	Sp	Fc
97	1 x 5' L.H.C.	Sp	Fc
98 - 104	7 x 10' Str.	Sp	Fc
105	1 x 5' L.H.C.	Sp	Fc
106 - 120	15 x 10' Str.	Sp	Fc
121	1 x 10' R.H.C.	Sp	Fc
122 - 130	9 x 10' Str.	Sp	Fc
131	1 x 3' R.H.C.	Sp	Fc

INTERSECTION POINTS	CO-ORDINATES		R. L.	TANGENT DISTANCES
	NORTHING	EASTING		
IP 1	376 312 306	376 843 008		0 449
IP 2	333 503	852 727		1 532
IP 3	353 257	857 341		0 449
IP 4	387 216	863 188		0 449
IP 5	418 871	866 735		0 900
IP 6	497 109	866 737		1 089
IP 7	513 824	862 333		1 532
IP 8	587 033	865 832		0 755
IP 9	609 818	864 834		0 755
IP 10	657 442	858 004		1 532
IP 11	686 633	859 704		0 449

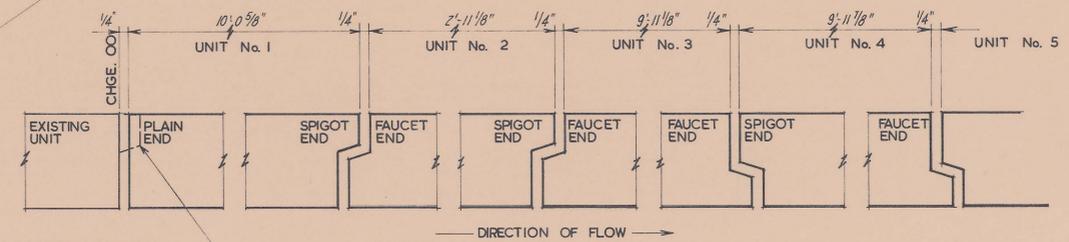
NOTE: Flume units to be supplied in 4 lengths to imperial measure.  
Curved units are veined in direction of flow.

LEGEND 10' Str. unit = 10 Ft. Straight Unit  
Effective length 10 Ft. (3.051 m)  
10' L.H.C. unit = 10 Ft. Left Hand Curve Unit  
Effective length 10 Ft. (3.051 m)  
10' R.H.C. unit = 10 Ft. Right Hand Curve Unit  
Effective length 10 Ft. (3.051 m)

7' L.H.C. unit = 7 Ft. Left Hand Curve Unit  
Effective length 6.94 Ft. (2.115 m)  
7' R.H.C. unit = 7 Ft. Right Hand Curve Unit  
Effective length 6.94 Ft. (2.115 m)

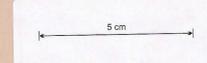
5' L.H.C. unit = 5 Ft. Left Hand Curve Unit  
Effective length 4.94 Ft. (1.506 m)  
5' R.H.C. unit = 5 Ft. Right Hand Curve Unit  
Effective length 4.94 Ft. (1.506 m)

3' L.H.C. unit = 3 Ft. Left Hand Curve Unit  
Effective length 2.94 Ft. (0.896 m)  
3' R.H.C. unit = 3 Ft. Right Hand Curve Unit  
Effective length 2.94 Ft. (0.896 m)



Spigot to be removed without surface damage to existing unit.  
Unit No. 1 to be lowered in and end joint grouted with quick setting epoxy mortar.

- CONDUIT JUNCTION DETAIL -  
SCALE 1:20



Datum for Levels: Australian Height Datum

**R.M.FOSTER & ASSOCIATES** DEVONPORT BURNIE HOBART  
CONSULTING CHARTERED ENGINEERS

**ELECTROLYTIC ZINC CO. OF ASIA LTD** ROSEBURY

**BOBADIL RESIDUE DAM - STAGE 2**  
RESIDUE CONDUIT PLAN - CHGE.OO TO 382.

SCALE	1:500	DRAWING No.	
APPROVED		DRAWN	M.A.C.
		TRACED	M.P.D.P.
		CHECKED	
REVISION No.	DESCRIPTION	DATE	
①	Flume Line Redesign: Drawing Revised	8/10/81	
		DATE	27/1/81

**R/G 3214**  
SHEET 24/1