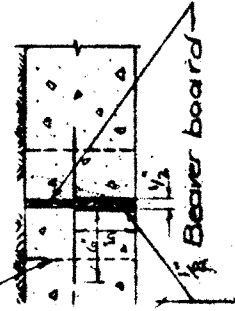


CULVERT FILE NO. 71698
BARRELL REINFORCING SCHEDULE

This dimension constant for all values of T_6

Hold dam in place with wire ties to perforated legs



Mark	Size	Length	No. of Spacing	Shape	Placing	Weight
A20	3/4"	6'-6"	228	9"	Trans. Top & Bottom Slab	22.20
B20	5/8"	12'-8"	228	9"	Trans. Top & Bottom Slab	30.20
C	—	—	—	Straight	Ins. face Vert. - Outside Wall	—
D20	3/4"	5'-6"	228	9"	Bottom Slab to Outside Wall	1.888
E20	1/2"	9'-0"	228	8"	Outside Wall to Top Slab	1.370
F20	1/2" ϕ	2'-0"	99	9"	Dowells - Bot. Slab to Wall	1.52
G20	1/2" ϕ	6'-0"	99	9"	Vert. - Interior Walls	3.96
H20	1/2" ϕ	25'-8"	66	15"	Long. Top & Bot. Slab	11.30
J20	1/2" ϕ	23'-8"	78	15"	Long. - Interior Walls	1.86
K20	1/2" ϕ	25'-8"	50	15"	Long. - Exterior Walls	3.5
Total						98.65

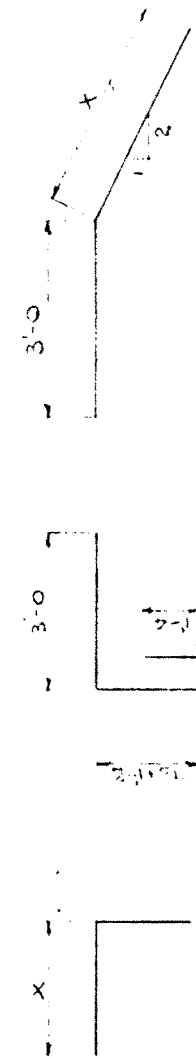
SECT. C-C

Plus Entrance Steel (See Below)

Total 10.997

Box Entrance Reinforcing Schedule for Two Ends

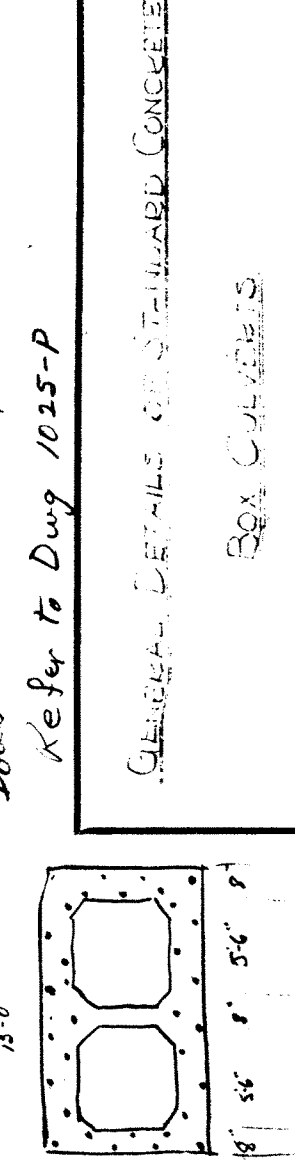
FILE No.	MARK	TYPE	No. Size X	Length	Weight	No. Size X	Length	Weight	No. Size X	Length	Weight
71698	A1	STR	20 1/2"	10'-0"	33.60	20 1/2"	12'-0"	60.32	20 1/2"	15'-0"	312.90
	A2	STR	4 1/2"	8'-0"	21.36	4 1/2"	10'-0"	26.72	4 1/2"	15'-0"	54.74
	C	B	8 1/2"	6'-0"	32.00	8 1/2"	8'-0"	42.76	8 1/2"	11'-0"	91.78
	C2	STR	4 1/2"	6'-0"	16.00	4 1/2"	6'-0"	16.04	4 1/2"	9'-0"	37.54
5'-6" x 5'-6"	WV1	A	12 1/2"	3'-0"	5.6	12 1/2"	3'-0"	5.6	12 1/2"	3'-0"	5.6
	WV2	A	6 1/2"	3'-0"	7.0	6 1/2"	3'-0"	7.0	6 1/2"	3'-0"	7.0
	WV3	A	8 1/2"	3'-0"	8.0	8 1/2"	3'-0"	8.14	8 1/2"	3'-0"	8.14
	WV4	A	12 1/2"	3'-0"	8.0	12 1/2"	3'-0"	8.0	12 1/2"	3'-0"	8.0
10'-0" x 10'-0"	WH1	STR	20 1/2"	10'-0"	33.60	20 1/2"	12'-0"	60.32	20 1/2"	15'-0"	312.90
	WH2	STR	4 1/2"	8'-0"	21.36	4 1/2"	10'-0"	26.72	4 1/2"	15'-0"	54.74
	WH3	STR	8 1/2"	6'-0"	32.00	8 1/2"	8'-0"	42.76	8 1/2"	11'-0"	91.78
	WH4	STR	4 1/2"	6'-0"	16.00	4 1/2"	6'-0"	16.04	4 1/2"	9'-0"	37.54
10'-0" x 10'-0"	WV10	STR	4 1/2"	2'-0"	1.26	4 1/2"	2'-6"	6.68	4 1/2"	2'-6"	10.44
	WV11	STR	4 1/2"	4'-0"	10.44	4 1/2"	4'-0"	10.68	4 1/2"	4'-0"	16.68
	WV12	STR	4 1/2"	5'-0"	14.10	4 1/2"	5'-6"	14.70	4 1/2"	5'-6"	22.94
	WV13	STR	4 1/2"	12'-0"	33.60	4 1/2"	14'-11"	34.42	4 1/2"	15'-4"	37.15
10'-0" x 10'-0"	WD	C	8 1/2"	7'-8"	15.88	8 1/2"	10'-11"	20.40	8 1/2"	13'-2"	22.20
	A1	C	24 1/2"	12'-8"	20.16	24 1/2"	14'-11"	28.45	24 1/2"	15'-4"	37.61
	A2	C	44 1/2"	10'-0"	15.12	44 1/2"	12'-0"	17.04	44 1/2"	13'-0"	21.60
	C1	C	28 1/2"	4'-0"	10.44	28 1/2"	5'-0"	14.70	28 1/2"	6'-0"	22.94
Total for 2 ends										1072	2108.
Total for 2 ends										1484	2884.



NOTE: Approximate steel weights are given in pounds.

Double 5/8" x 78" Top Deck.

Refer to Dwg 1025-P



GENERAL DETAILS OF STANDARD CONCRETE BOX CULVERTS

GOVERNMENT OF THE PROVINCE OF ALBERTA
 DEPARTMENT OF HIGHWAYS
 BRIDGE BRANCH, EDMONTON

FILE NO. 71698
 LOCATION NE4-99-15-4
 SCALE

STEEP SLOPE BY
 DESCRIPTION

DWG. NO. S536-20
 SHEET 3 OF 3