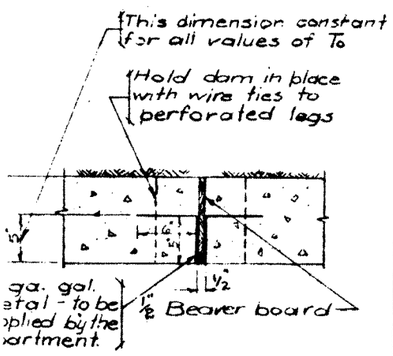
CULVERT FILE NO. 74120



ga. gal. etal - to be plied by the artment.

EXPANSION DAM IN EXTERIOR WALL AND TOP SLAB

SECT C-C

BARREL REINFORCING SCHEDULE

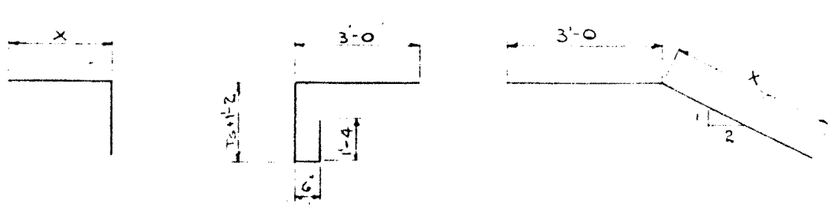
Mark	Size	Length	No. Req'd	Spacing	Shape	Placing	Weight
A	—	—	Nil	—	Straight	Trans. - Top & Bottom Slab	
B	5/8"	6'-6"	300	6"	Straight	Trans - Top & Bottom Slab	2040
C	—	—	Nil	—	Straight	Ins. face Vert. - Outside Walls	
D	5/8"	4'-0"	300	6"	2'-0"	Bottom Slab to Outside Wall.	1850
E	5/8"	8'-0"	300	6"	2'-0"	Outside Wall to Top Slab	2540
F	—	—	Nil	—	Straight	Dowells - Bot. Slab to wall	
G	—	—	Nil	—	Straight	Vert. - Interior Walls	
H	½"	20'-0"	56	1'-1"	Straight	Long. - Top & Bot. Slab	750
J	—	—	Nil	—	Straight	Long. - Interior Walls	
K	½	20'-0"	32	1'-9"	Straight	Long. - Exterior Walls	430
							7010

BOX ENTRANCE REINFORCING SCHEDULE FOR TWO CELL

FILE NO. 74120

MARK	TYPE	5'-0" × 5'-0"				6'-0" × 6'-0"				8'-0" × 8'-0"			
		No.	Size	Length	Weight	No.	Size	Length	Weight	No.	Size	Length	Weight
For 1 Cell A	STR	22	½	9'-0"	95.52	28	½	7'-8"	143.46	36	5/8	8'-0"	300.38
A2	STR	26	½	12'-2"	173.68	28	½	12'-0"	224.56	28	5/8	12'-2"	438.48
C1	B	16	½	6'-3"	72.14	18	½	6'-9"	81.18	18	5/8	6'-9"	121.50
C2	STR	4	½	5'-6"	17.36	4	½	7'-8"	20.54	4	5/8	7'-8"	33.44
WV1	A	12	½	3'-0 5-6	44.08	12	½	3'-0 5'-6	44.08	12	5/8	3'-0 5'-6	68.84
WV2	A	8	½	3'-0 7'-0	37.40	12	½	3'-0 7'-0	56.12	12	5/8	3'-0 7'-0	87.62
WV3	A	8	½	3'-0 8'-0	42.76	12	½	3'-0 8'-6	68.14	12	5/8	3'-0 8'-6	106.38
WV4	A									12	5/8	3'-0 10'-6	125.14
WH1	STR	20	½	10'-0	33.40	20	½	12'-0	160.32	20	5/8	15'-0	312.90
WH2	STR	4	½	8'-0	21.38	4	½	10'-0	26.72	4	5/8	13'-0	54.24
WH3	STR	8	½	6'-0	32.06	8	½	8'-0	42.76	8	5/8	11'-0	91.78
WH4	STR					4	½	6'-0	16.04	4	5/8	9'-0	37.54
WH5	STR									8	5/8	7'-0	58.42
WV10	STR	4	½	2'-6	6.68	4	½	2'-6	6.68	4	5/8	2'-6	10.44
WV11	STR	4	½	4'-0	10.68	4	½	4'-0	10.68	4	5/8	4'-0	16.68
WV12	STR	4	½	5'-6	14.70	4	½	5'-6	14.70	4	5/8	5'-6	22.94
WV13	STR									4	5/8	7'-0	29.20
WC	C	8	½	7'-8 10'-8	102.18	8	½	10'-0 13'-0	155.24	8	5/8	13'-2 15'-2	193.24
For 2 Cells A1	STR	28	½	12'-8	160.28	28	½	14'-11	278.45	36	5/8	15'-0	575.64
A2	STR	44	½	15'-0	312.52	32	½	12'-0	417.64	32	5/8	12'-2	813.44
C1	B	28	½	6'-3	106.26	32	½	6'-9	443.2	32	5/8	6'-9	216.00
C2	STR			12'-2		4	½	14'-11	39.48	4	5/8	15'-0	64.12
Total for 1 cell				830.				1072					2108
Total for 2 cells				1112				1482					2884.

DELETED



TYPE A TYPE B TYPE C

BAR TYPES

NOTE: Approximate steel weight = 110 lb per cu. yd. of conc.

REFER TO DWG 1011-P

GENERAL DETAILS OF STANDARD CONCRETE

BOX CULVERTS

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

FILE NO. 74120 HWY. NO. 9-8-2 DWG. NO. S-536-1
LOCATION NW.¼-4-31-14-4 SCALE
STREAM SHEET 1 OF 2

REVISIONS

DESCRIPTION	BY
REVISED STEEL SCHEDULE	