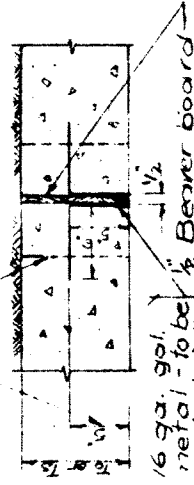


This dimension constant for all values of  $T_0$

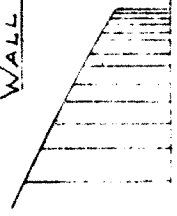
Hold dam in place with wire ties to perforated legs



1/2 metal - to be supplied by the department

EXPANSION DAM IN EXTERIOR WALL AND TOP SLAB

SECT C-C



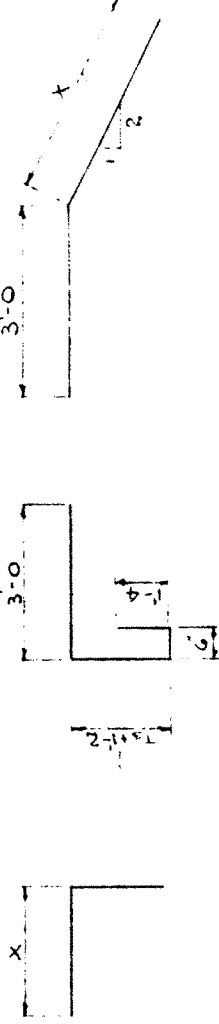
CULVERT FILE NO. 74120

BARRELL REINFORCING SCHEDULE

Mark	Size	Length	No. Spacing	Shape	Placing	Weight
A	—	Nil	—	Straight	Trans. Top Bottom Slab	
B	3/4"	7'-8"	222	7"	Straight	Trans. Top & Bottom Slab 2520
C	—	Nil	—	Straight	Ins. Face Vert. - Outslab Wall	
D	3/4"	5'-0"	222	7"	—	Bottom Slab to Out-side Wall 1690
E	3/4"	9'-8"	222	7"	—	Outside Wall to Top Slab 3230
F	—	Nil	—	Straight	Dowells - Bot. Slab	
G	—	Nil	—	Straight	Vert. Interior Wall	
H	5/8"	31'-8"	96	16"	Long. Top of Bot. Slab	1140
I	—	Nil	—	Straight	Long. Interior Wall	
J	5/8"	31'-8"	20	1'-4"	Long. Exterior Walls	670
						9290

BOX ENTRANCE REINFORCING SCHEDULE FOR TWO CELLS

MARK	TYPE	SIZE	LENGTH	No.	WEIGHT	NO. SLAB	LENGTH	WEIGHT
A1	STR	20	20	2	143.40	3/8	8-0	300.30
A2	STR	20	17.38	28	224.56	3/8	8-0	438.20
B	STR	16	14	18	81.18	3/8	6-3	121.50
C2	STR	4	36	4	20.54	3/8	8-0	37.44
WV1	A	12	3'-0"	5-6	44.28	3/8	3'-0"	68.84
WV2	A	8	3'-0"	7-0	56.12	3/8	3'-0"	87.62
WV3	A	8	3'-0"	8-6	68.14	3/8	3'-0"	106.38
WV4	A					3/8	3'-0"	125.16
WH1	STR	20	13.60	20	160.32	3/8	12'-0"	170.312.30
WH2	STR	4	21.38	4	26.72	3/8	12'-0"	54.24
WH3	STR	8	32.06	8	42.76	3/8	12'-0"	97.92
WH4	STR	4	6.04	4	16.04	3/8	12'-0"	37.54
WH5	STR					3/8	12'-0"	58.40
WV10	STR	4	6.68	4	6.68	3/8	12'-0"	14.077
WV11	STR	4	10.68	4	10.68	3/8	12'-0"	23.38
WV12	STR	4	14.70	4	14.70	3/8	12'-0"	32.24
WV13	STR	4	5.6	4	5.6	3/8	12'-0"	12.20
WV14	STR	8	11.18	8	15.54	3/8	12'-0"	34.20
A1	STR	20	18	20	270.65	3/8	15'-0"	510.20
A2	STR	4	20.28	4	4.704	3/8	15'-0"	81.30
C1	STR	25	16	32	44.32	3/8	15'-0"	216.37
C2	STR	4	33.5	4	39.2	3/8	15'-0"	154.64
Total for 1 cell					1072			2108.
Total for 2 cells					1112			2684.



TYPE A  
TYPE B  
TYPE C  
BAR TYPES

NOTE: Approximate steel weight .10 lb per cu ft. of conc.

REFER TO DWG. 1011-P

GENERAL DETAILS OF STANDARD CONCRETE

Box Culverts



GOVERNMENT OF ALBERTA  
DEPARTMENT OF HIGHWAYS  
BRIDGE BRANCH, EDMONTON

REVISED: \_\_\_\_\_ BY \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_  
REVISIONS: \_\_\_\_\_  
FILE NO. 74120 HWY. NO. 9-8-2 DWG. NO. 5536-2  
LOCATION IN PLAN: 4-1-1-1-1 SCALE SHEET 1 OF 2