

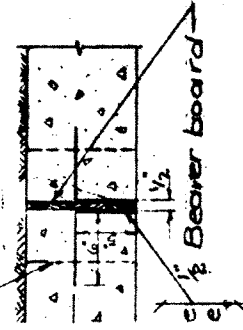
CULVERT FILE NO. 74143

BARREL REINFORCING SCHEDULE

Mark	Size	Length	No. of Bars	Spacing	Slab	Placing	Weight
A II	5/8"	7'-8"	320	6"	Straight	Trans. Top Bottom Slab	-
B III	5/8"	7'-8"	320	6"	Straight	Trans. Top & Bottom Slab	2560
C III	5/8"	6'-0"	320	6"	Straight	Ins. Face Vert. - Outside Walls	-
D III	5/8"	6'-0"	320	6"	Straight	Bottom Slab to Out-side Wall.	2000
E II	5/8"	10'-0"	320	6"	Straight	Outside Wall to Top Slab	3340
F II	-	-	-	-	Straight	Dowels - Bot. Slab to Wall	-
G II	-	-	-	-	Straight	Vert. - Interior Walls	-
H II	1/2"	26'-4"	42	16"	Straight	Long - Top Bot. Slab	740
J II	1/2"	26'-4"	36	16"	Straight	Long - Interior Walls	-
K II	1/2"	26'-4"	36	16"	Straight	Long - Exterior Walls	630
Total							9270
+ Entrance Steel (see Below)							1072
TOTAL							10342

This dimension constant for all values of ϕ

Hold dam in place with wire ties to perforated legs

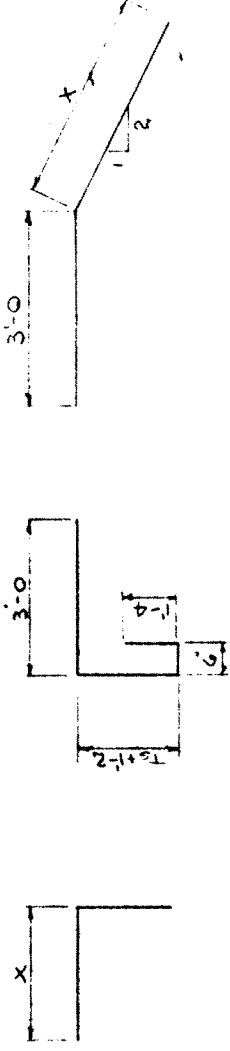


IN DAM IN EXTERIOR LL AND TOP SLAB

SECT. C-C

BOX ENTRANCE REINFORCING SCHEDULE FOR TWO ENDS

MARK	TYPE	No.	SIZE	LENGTH	WEIGHT	No.	SIZE	LENGTH	WEIGHT	No.	SIZE	LENGTH	WEIGHT
A ₁	STR	23	1/2"	6'-6"	95.57	28	1/2"	7'-8"	143.46	36	5/8"	8'-0"	300.96
A ₂	STR	26	1/2"	10'-0"	173.48	28	1/2"	12'-0"	224.56	28	5/8"	15'-0"	435.20
C ₁	B	16	1/2"	6'-9"	72.14	18	1/2"	6'-3"	81.18	18	5/8"	6'-3"	127.50
C ₂	STR	4	1/2"	6'-6"	17.36	4	1/2"	7'-8"	20.54	4	5/8"	8'-0"	33.44
WV ₁	A	12	1/2"	3'-0"	44.08	12	1/2"	3'-0"	44.08	12	5/8"	3'-0"	58.84
WV ₂	A	6	1/2"	3'-0"	27.40	12	1/2"	3'-0"	54.80	12	5/8"	3'-0"	87.62
WV ₃	A	6	1/2"	3'-0"	27.40	12	1/2"	3'-0"	54.80	12	5/8"	3'-0"	106.38
WV ₄	A	12	1/2"	3'-0"	44.08	12	1/2"	3'-0"	44.08	12	5/8"	3'-0"	125.16
WH ₁	STR	20	1/2"	10'-0"	135.60	20	1/2"	12'-0"	180.32	4	5/8"	6'-3"	32.90
WH ₂	STR	4	1/2"	8'-0"	21.38	4	1/2"	10'-0"	26.72	4	5/8"	8'-0"	54.24
WH ₃	STR	6	1/2"	6'-0"	32.03	8	1/2"	8'-0"	42.76	8	5/8"	8'-0"	91.76
WH ₄	STR	4	1/2"	6'-0"	32.03	4	1/2"	6'-0"	32.03	4	5/8"	6'-0"	37.54
WH ₅	STR	4	1/2"	6'-0"	32.03	4	1/2"	6'-0"	32.03	4	5/8"	6'-0"	58.47
WV ₁₀	STR	4	1/2"	2'-6"	6.68	4	1/2"	2'-6"	6.68	4	5/8"	2'-6"	9.44
WV ₁₁	STR	4	1/2"	4'-0"	10.48	4	1/2"	4'-0"	10.48	4	5/8"	4'-0"	16.38
WV ₁₂	STR	4	1/2"	5'-6"	14.70	4	1/2"	5'-6"	14.70	4	5/8"	5'-6"	22.34
WV ₁₃	STR	4	1/2"	12'-8"	33.84	4	1/2"	14'-11"	39.32	4	5/8"	7'-0"	29.20
WS	C	8	1/2"	7'-8"	10.8	8	1/2"	5'-11"	15.24	8	5/8"	24'-13"	132.25
A ₁		22	1/2"	12'-8"	86.20	28	1/2"	14'-11"	216.5	36	5/8"	15'-4"	156.0
A ₂		44	1/2"	10'-0"	243.92	52	1/2"	12'-0"	479.4	52	5/8"	15'-0"	813.80
C ₁		28	1/2"	6'-9"	126.26	32	1/2"	6'-3"	143.2	32	5/8"	6'-3"	216.0
C ₂		4	1/2"	12'-8"	33.84	4	1/2"	14'-11"	39.32	4	5/8"	15'-4"	64.0
Total for 1 cell													1072
Total for 2 cells													2144



NOTE: Approximate steel weights. Order material based on these.
 REFER TO DWG S-536 FOR PLACING
 REFER TO DWG. 1039-P FOR LAYOUT.

GENERAL DETAILS OF STAINLESS CONCRETE

Box Culverts

(BICE) ②



GOVERNMENT OF ALBERTA

DEPARTMENT OF HIGHWAYS

BRIDGE BRANCH, EDMONTON

STEEL SCHEDULE KLF BY

FILE NO. 74143

LOCATION NEW 21-29-4

SCALE 1"=10'

STREAM Stock Pass (Bice) SHEET 3 OF 3

HWY. NO. 2-B-3

DWG. NO. S536-11