

CULVERT FILE NO. 74144

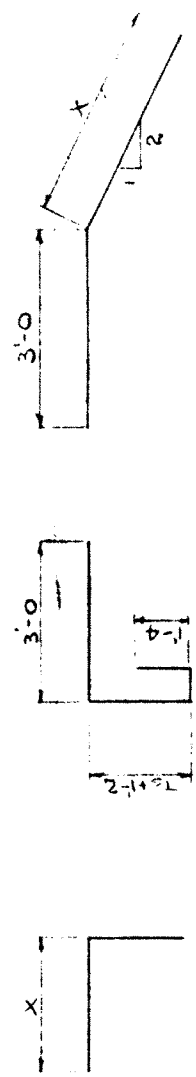
BARRELL REINFORCING SCHEDULE

Mark	Size	Length	No. of Spacing	Shape	Placing	Weight
A12	—	—	—	Straight	Trans. Top Bottom Slab	—
B12	5/8"	7'-8"	320	6"	Trans. Top & Bottom Slab	2560
C12	—	—	—	Straight	Ins. Face Vert. - Outside Wall	—
D12	5/8"	6'-0"	320	6"	Bottom Slab to Out-side Wall.	2000
E12	5/8"	10'-0"	320	6"	Outside Wall to Top Slab	3340
F12	—	—	—	Straight	Dowells - Bot. Slab to Wall	—
G12	—	—	—	Straight	Vert. Interior Walls	—
H12	1/2"	26'-4"	42	16"	Long. Top Bot. Slab	740
J12	—	—	—	Straight	Long. Interior Walls	—
K12	1/2"	26'-4"	36	16"	Long. Exterior Walls	630
Total						9720

Plus Entrance Steel (See Dwg 1072)
 TO T.H.L. 19342

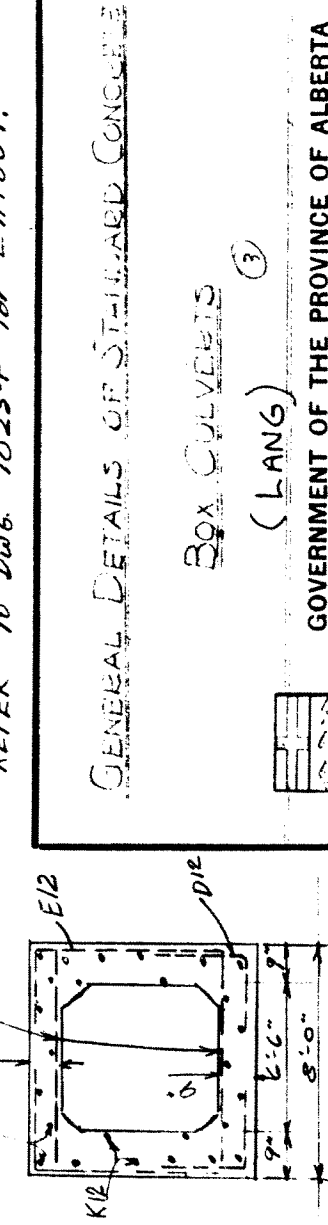
BOX ENTRANCE REINFORCING SCHEDULE FOR TWO ENDS

FILE NO.	MARK	TYPE	NO.	SIZE	LENGTH	WEIGHT	NO.	SIZE	LENGTH	WEIGHT	NO.	SIZE	LENGTH	WEIGHT
74144	A1	ST2	22	1/2"	6'-6"	95.52	28	1/2"	7'-8"	143.46	30	5/8"	8'-0"	300.58
	A2	ST2	24	1/2"	10'-0"	173.48	28	1/2"	12'-0"	224.56	28	5/8"	15'-0"	438.20
	C1	B	16	1/2"	6'-9"	72.14	18	1/2"	6'-9"	81.18	18	5/8"	6'-9"	121.50
	C2	ST2	4	1/2"	6'-6"	17.36	4	1/2"	7'-0"	20.54	4	5/8"	8'-0"	33.44
	WV1	A	12	1/2"	3'-0"	44.08	12	1/2"	3'-0"	44.08	12	5/8"	3'-0"	68.84
	WV2	A	6	1/2"	3'-0"	37.40	12	1/2"	3'-0"	56.12	12	5/8"	3'-0"	87.62
	WV3	A	8	1/2"	3'-0"	42.76	12	1/2"	3'-0"	68.14	12	5/8"	3'-0"	106.38
	WV4	A	8	1/2"	3'-0"	42.76	12	1/2"	3'-0"	68.14	12	5/8"	3'-0"	125.12
	WH1	ST2	20	1/2"	10'-0"	135.60	20	1/2"	12'-0"	160.32	20	5/8"	15'-0"	312.90
	WH2	ST2	4	1/2"	8'-0"	21.38	4	1/2"	10'-0"	26.72	4	5/8"	12'-0"	54.24
	WH3	ST2	8	1/2"	6'-0"	32.06	8	1/2"	8'-0"	42.76	8	5/8"	10'-0"	91.74
	WH4	ST2	4	1/2"	6'-0"	16.04	4	1/2"	6'-0"	16.04	4	5/8"	6'-0"	37.54
WH5	ST2	8	1/2"	6'-0"	16.04	8	1/2"	6'-0"	16.04	8	5/8"	6'-0"	58.42	
WV10	ST2	4	1/2"	2'-6"	6.68	4	1/2"	2'-6"	6.68	4	5/8"	2'-6"	9.44	
WV11	ST2	4	1/2"	4'-0"	10.68	4	1/2"	4'-0"	10.68	4	5/8"	4'-0"	13.98	
WV12	ST2	4	1/2"	5'-6"	14.70	4	1/2"	5'-6"	14.70	4	5/8"	5'-6"	22.94	
WV13	ST2	4	1/2"	14'-11"	34.84	4	1/2"	14'-11"	34.84	4	5/8"	15'-4"	64.18	
Totals for 1 cell											830.			
Total for 2 cells											1660.			



TYPE A TYPE B TYPE C
 BAR TYPES

NOTE: Approximate steel weight = 110 lb per cu. yd. of concrete.
 REFER TO DWG 5-536 FOR PLACING
 REFER TO DWG 1023-P FOR LAYOUT.



GENERAL DETAILS OF STANDARD CONCRETE
 BOX CULVERTS
 (LANG)