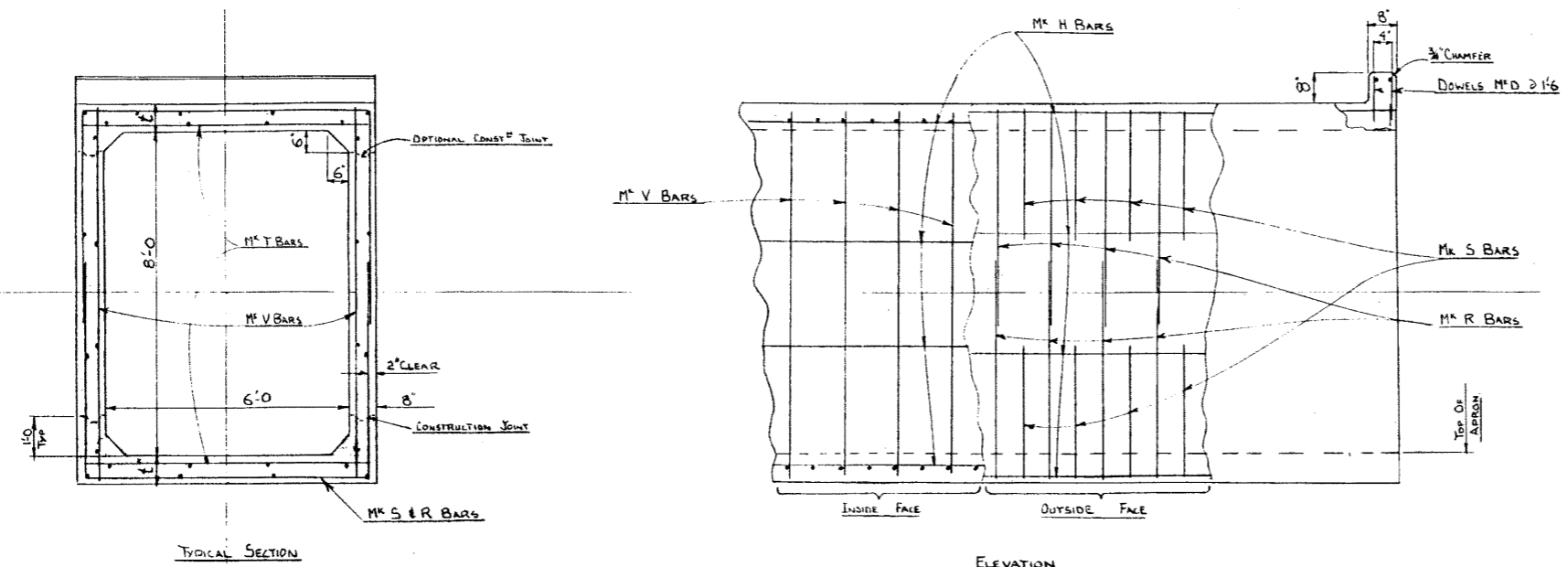


DESIGNED BY \_\_\_\_\_ DATE 19 21 55  
 CHECKED BY \_\_\_\_\_ DATE 22 19 55

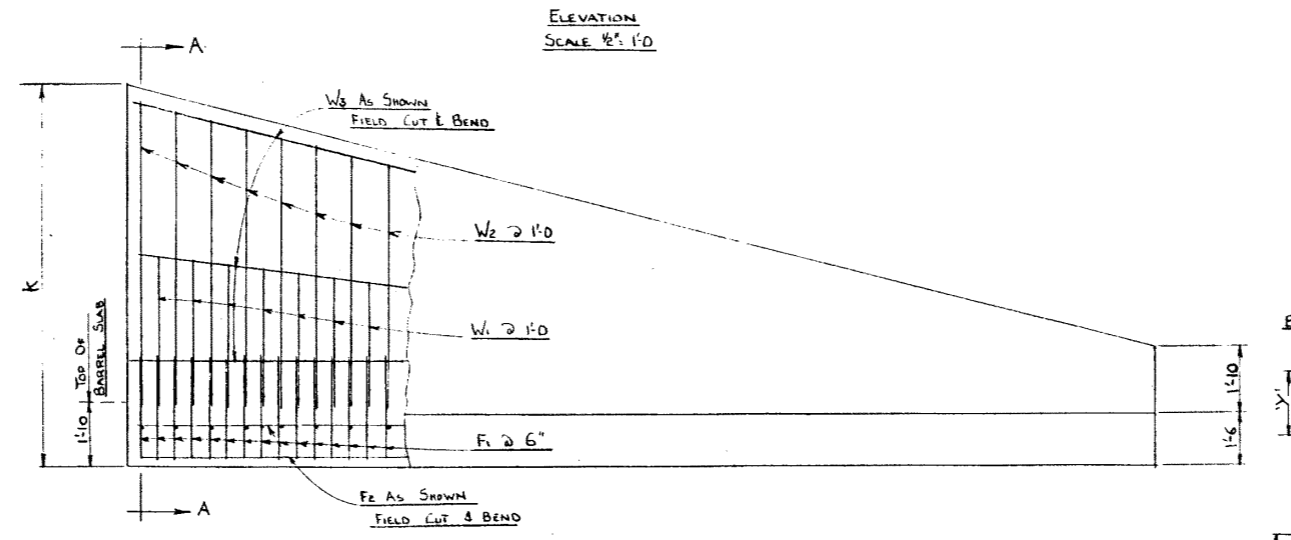
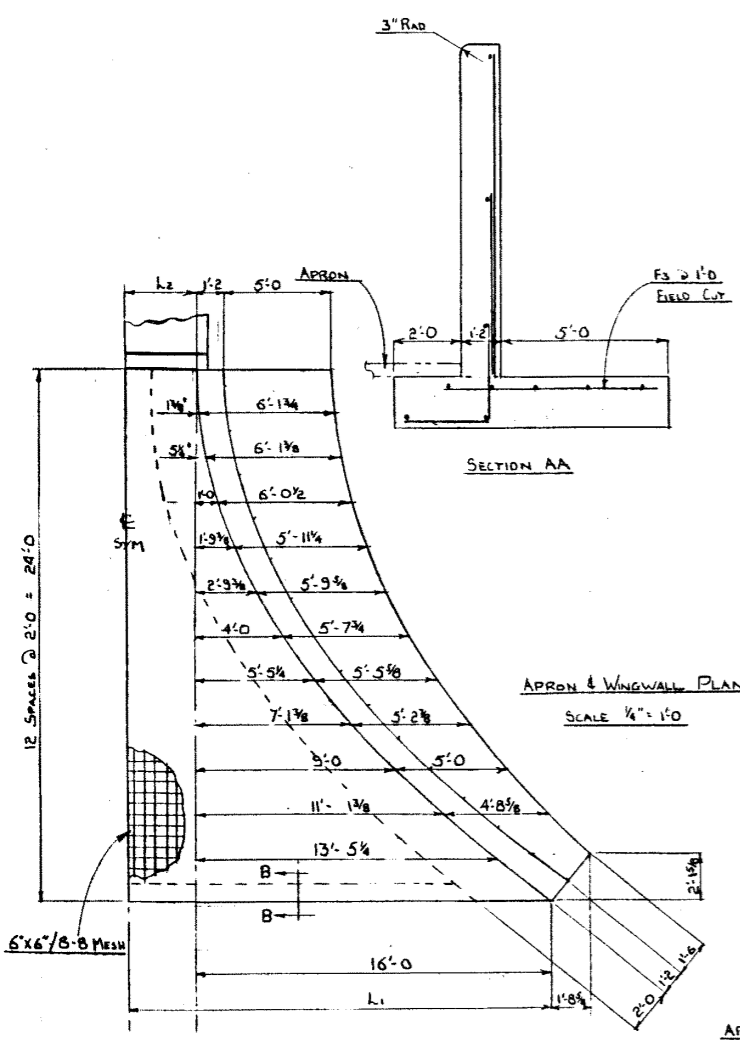


**BARREL BAR LIST (SINGLE CELL ONLY)**

MAX COVER	M#	N# REOD	SIZE	TYPE	DIM X	DIM Y	SPACING	LENGTH	WEIGHT
5'-0" 1'-8"	R	*4	A	A	6'-11"	5'-3"	1'-4"	17'-5"	
	S	*4	A	A	6'-11"	3'-2"	1'-4"	13'-3"	
	T	*5	STR				8"	7'-0"	
	V	*4	STR				1'-4"	9'-0"	
	H	*4	STR				AS SHOWN		
10'-0" 1'-8"	R	*5	A	A	6'-11"	5'-3"	1'-0"	17'-5"	
	S	*5	A	A	6'-11"	3'-2"	1'-0"	13'-3"	
	T	*5	STR				6"	7'-0"	
	V	*4	STR				1'-6"	9'-0"	
	H	*4	STR				AS SHOWN		
20'-0" 1'-10"	R	*5	A	A	6'-11"	5'-5"	9"	17'-9"	
	S	*5	A	A	6'-11"	3'-4"	9"	13'-7"	
	T	*5	STR				4 1/2"	7'-0"	
	V	*4	STR				1'-6"	9'-4"	
	H	*4	STR				AS SHOWN		

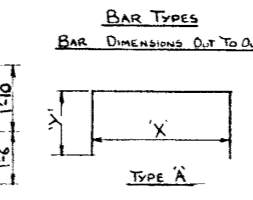
**WINGWALL BAR LIST (ALL 6x8 CULVERTS)**

M#	N# REOD	SIZE	TYPE	LENGTH	WEIGHT	REMARKS
W1	23	*5	STR	20'-0"	480	MAX L: 5'-0" MIN L: 2'-3" 108 Pcs
W2	39	*5	STR	20'-0"	814	MAX L: 9'-6" MIN L: 2'-2" 116 ---
W3	24	*4	STR	16'-6"	265	MAX L: 30'-6" MIN L: 30'-0" 12 ---
F1	244	*5	B	5'-9"	1,463	
F2	52	*4	STR	16'-0"	556	MAX L: 30'-0" MIN L: 16'-0" 28 ---
F3	31	*6	STR	20'-0"	931	MAX L: 6'-2" MIN L: 2'-8" 124 ---
				TOTAL	4,509 lbs	



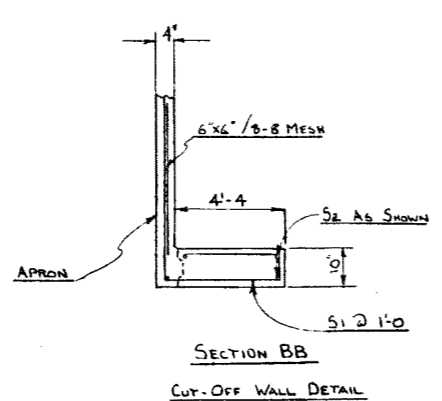
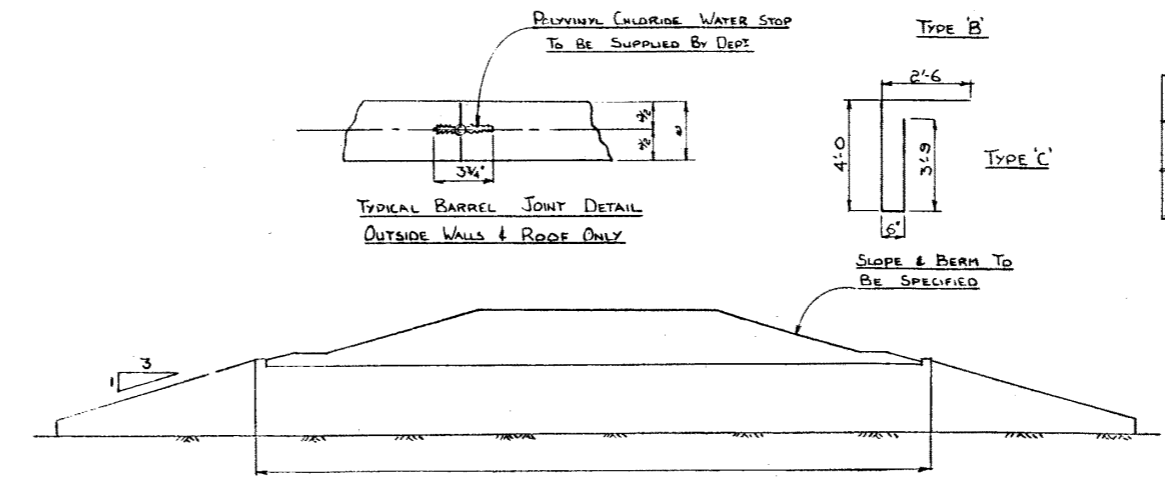
**APRON & HEADWALL BAR LIST (ALL 6x8 CULVERTS)**

N# OF CELLS	M#	N# REOD	SIZE	TYPE	LENGTH	WEIGHT	TOTAL WT
1	D	20	A	STR	1'-0"	13	935 lbs
	S1	62	A	C	10'-9"	447	
	S2	16	A	STR	16'-0"	171	
	MESH				6x6/8-8	1012 sq ft	
2	D	36	A	STR	1'-0"	24	1,122 lbs
	S1	78	A	C	10'-9"	560	
	S2	16	A	STR	20'-0"	214	
	MESH				6x6/8-8	1,080 sq ft	



**APRON & WINGWALL DIMS (ALL 6x8 CULVERTS)**

N# OF CELLS	E'	DIMENSIONS			CONCRETE (cu yds)	
		L1	L2	K	BARREL/11	END STRUCT
1	8'	19'-0"	3'-0"	11'-2"	0.776	87.2
	10'	19'-0"	3'-0"	11'-4"	0.866	87.2
2	9'	22'-4"	6'-4"	11'-3"	1.407	91.3
	1'-0"	22'-5"	6'-5"	11'-6"	1.852	91.4



**SUPERSEDED**  
 BY 5-598 JULY 23, 1957

**SINGLE-CELL 6'-0" x 8'-0" CULVERT & WINGWALL DETAILS**

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

FILE NO.	HWY. NO.	DWG. NO.
LOCATION	SCALE	5598
STREAM	SHEET	OF

**REVISIONS**

NO.	DATE	DESCRIPTION	BY
1	July 7/55	2 cell 6'x8' with 25'0 cover added	Willy
2	June 21/55	Revised to cover 2 cell culverts	DGL
3	June 15/55	Length Type C Bar Changed	DGL
4	June 9/55	Dim'ns Corrected	Willy