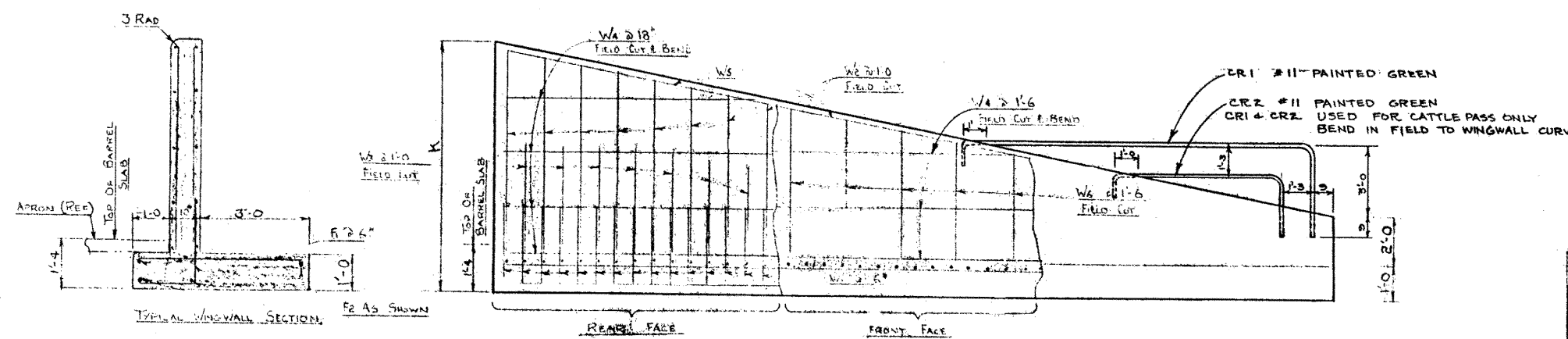


BARREL BAR LIST (SINGLE CELL ONLY)

MAX COVER	M ⁿ	N ^o REOD	SIZE	TYPE	DIM ⁿ X	DIM ⁿ Y	SPACING	LENGTH	WEIGHT
5'-0"	R	5	A		6'-11"	4'-3"	1'-1"	15'-5"	
	S	5	A		6'-11"	2'-6"	1'-1"	11'-11"	
	T	5	STR				6"	7'-0"	
	V	4	STR				1'-7 1/2"	7'-0"	
10'-0"	H	4	STR				As Shown		
	R	5	A		6'-11"	4'-3"	1'-0"	15'-5"	
	S	5	A		6'-11"	2'-6"	1'-0"	11'-11"	
	T	6	STR				6"	7'-0"	
20'-0"	V	4	STR				1'-6"	7'-0"	
	H	4	STR				As Shown		
	R	5	A		6'-11"	4'-5"	10"	15'-5"	
	S	5	A		6'-11"	2'-6"	10"	12'-3"	
10 1/2"	T	6	STR				5"	7'-0"	
	V	4	STR				1'-8"	7'-5"	
	H	4	STR				As Shown		

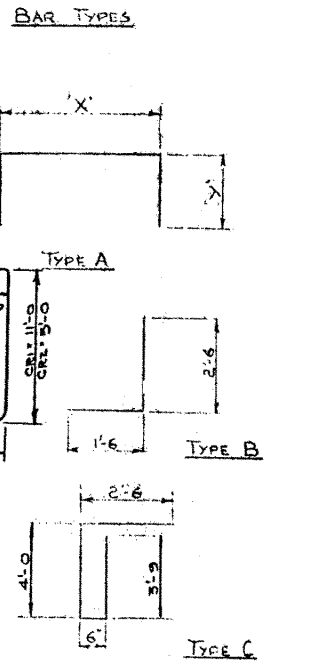
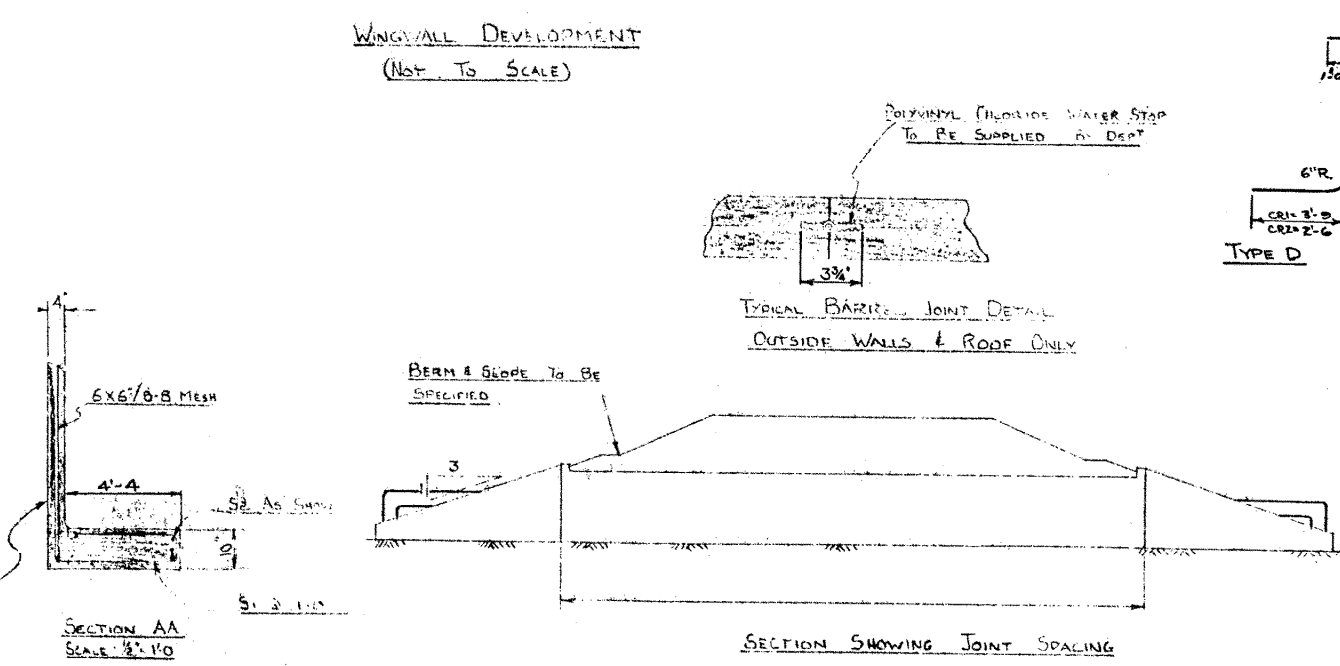
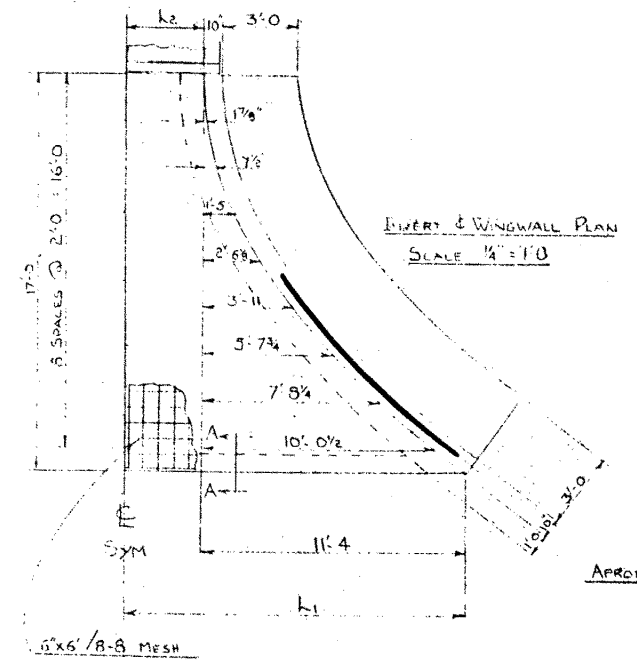
WINGWALL BAR LIST (ALL 6 X 6 CULVERTS)

M ⁿ	N ^o REOD	SIZE	TYPE	LENGTH	WEIGHT	REMARKS
W ₁	172	5	B	4'-0"	718	FIELD CUT WHERE NECESSARY
W ₂	22	5	STR	20'-0"	459	MIN L 7'-4" MIN L 2'-2" 64 REOD
W ₃	13	5		20'-0"	271	MIN L 3'-8" MIN L 2'-2" 76 REOD
W ₄	24	4		21'-0"	337	MIN L 2'-0" MIN L 7'-6" 32 REOD
W ₅	8	4		21'-9"	116	
W ₆	15	4		20'-0"	200	MIN L 2'-4" MIN L 2'-2" 56 REOD
F ₁	172	5		4'-6"	807	
F ₂	20	4	STR	21'-0"	281	
CR1	4	11	D	15'-6"	329	
CR2	4	11	D	8'-3"	175	
						CULVERT TOTAL 3189 lbs
						CATTLEPASS TOTAL 3,493 lbs



APRON & HEADWALL BAR LIST (ALL 6 X 6 CULVERTS)

N ^o OF CELLS	M ⁿ	N ^o REOD	SIZE	TYPE	LENGTH	WEIGHT	TOTAL WEIGHT
1	W ₁	10	4	STR	1'-0"	7	741
	S ₁	52	4	C	10'-9"	374	
	S ₂	16	4	STR	13'-6"	144	
2	W ₁	10	4	STR	1'-0"	12	958
	S ₁	64	4	C	10'-9"	460	
	S ₂	16	4	STR	17'-0"	182	
3	W ₁	26	4	STR	1'-0"	17	1181
	S ₁	78	4	C	10'-9"	560	
	S ₂	16	4	STR	20'-0"	214	
							390



APRON & WINGWALL DIMⁿ (ALL 6 X 6 CULVERTS)

N ^o OF CELLS	DIMENSIONS	CONCRETE (CU YD)	BARREL/END STRUCT			
1	8'	14'-4"	3'-0"	8'-8"	0.677	33.5
	10 1/2'	14'-4"	3'-0"	8'-10 1/2"	0.790	
2	8'	17'-8"	3'-0"	8'-8"	0.825	41.5
	1'-0"	17'-8"	3'-0"	8'-8"	0.825	
3	8'	21'-0"	3'-0"	8'-8"	1.000	49.5
	11'	21'-0"	3'-0"	8'-11 1/2"	2.115	

SUPERSEDED
BY 5-596 JULY 16, 1957

NOTES
1. BAR DIMENSIONS OUT TO OUT
2. BAR COVER 2"

SINGLE CELL 6 X 6 CULVERTS & WING DETAILS

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

FILE NO. _____ HWY. NO. _____ DWG. NO. **5596**
LOCATION _____ SCALE _____
STREAM _____ SHEET _____ OF _____

DESIGNED BY _____ DATE _____
CHECKED BY _____ DATE _____

REVISIONS
NO. DATE DESCRIPTION BY