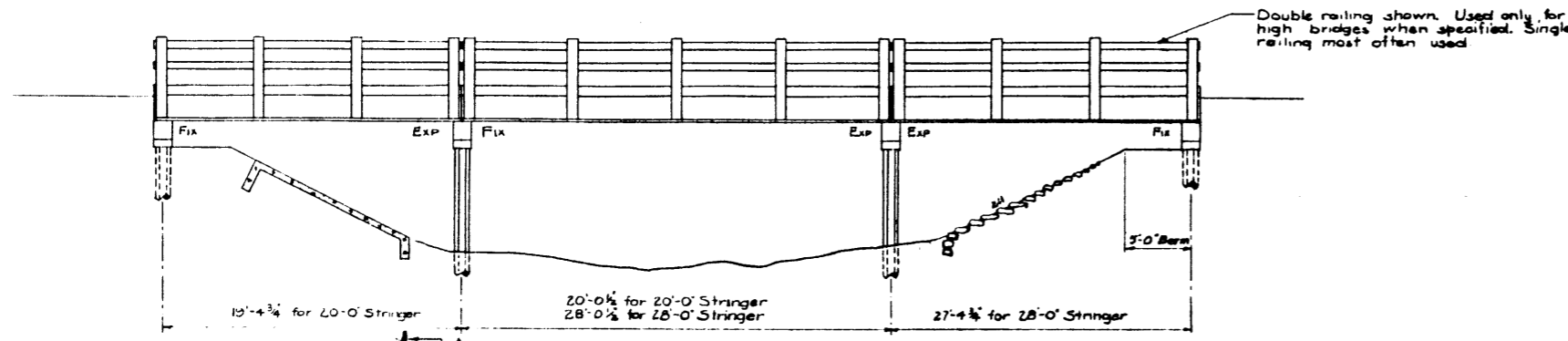
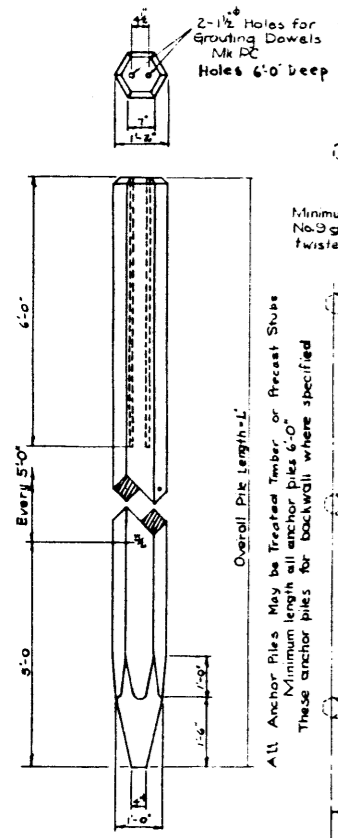


MEMBER	MARK	WEIGHT
20' Stringer Unit	S-20	7,700 lb
25' "	S-25	10,800
20' Curb Unit	MC-20	8,600
25' "	MC-25	11,200
Caps per ft.		305
Piles per ft.		135

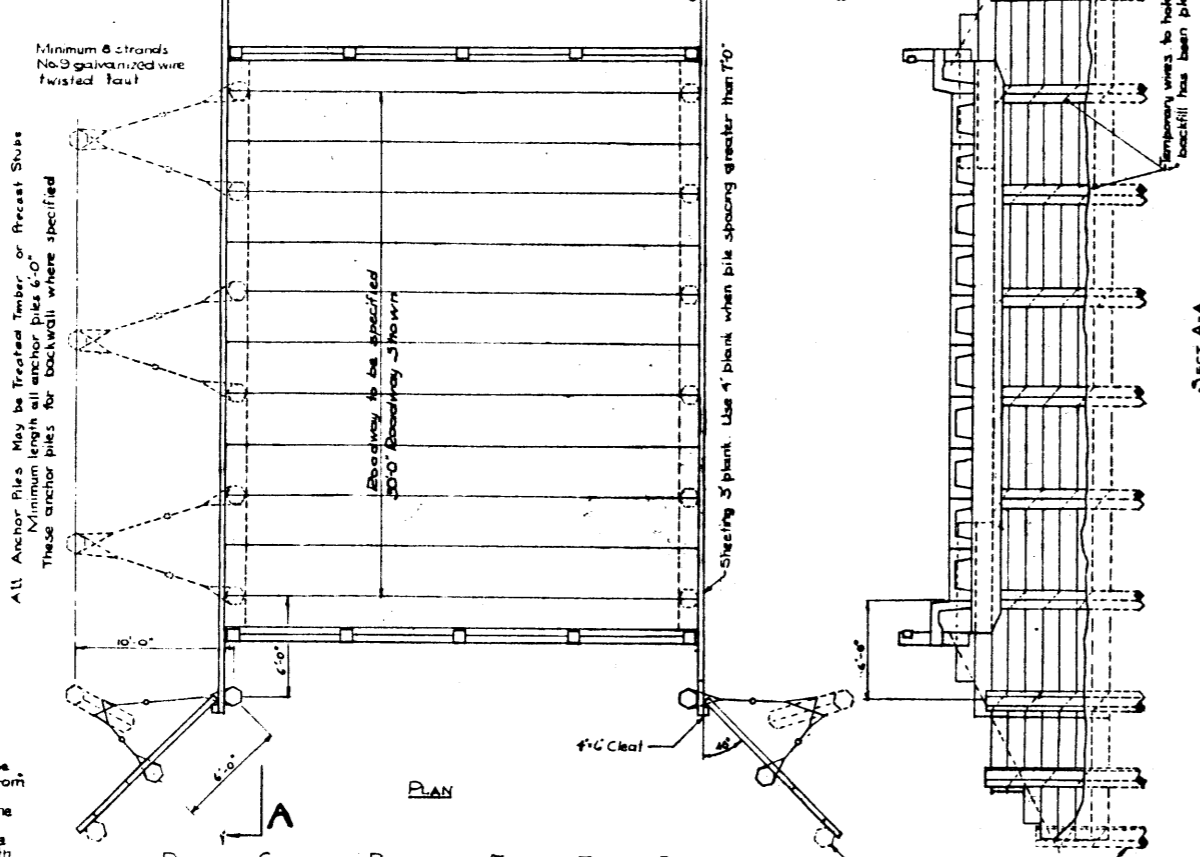


ELEVATION OF TYPICAL BRIDGE SHOWING SPILL-THROUGH TYPE ABUTMENTS AND CONCRETE SLOPE PROTECTION WALL OR RIPRAP WHERE SPECIFIED
Scale: 3/8"=1'-0"

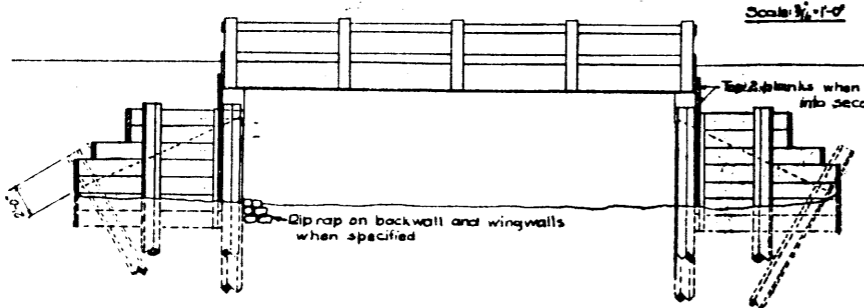


PRECAST PILE
Scale: 3/8"=1'-0"

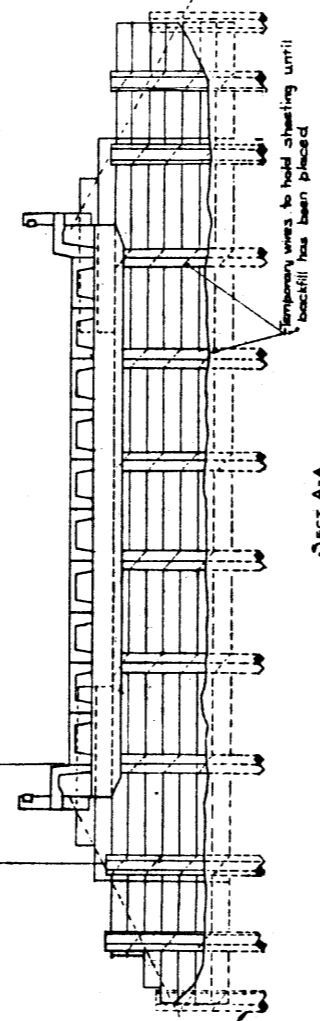
NOTE: MARKING OF PILES
Prior to driving, pile to be marked at 5'-0" intervals from point of pile as 5'-0", 10'-0", etc. where first mark refers to the distance of the mark from the point of the pile and the second to the original length of the pile.
Numbers to be plainly marked with red lead paint if marks not cast in pile.



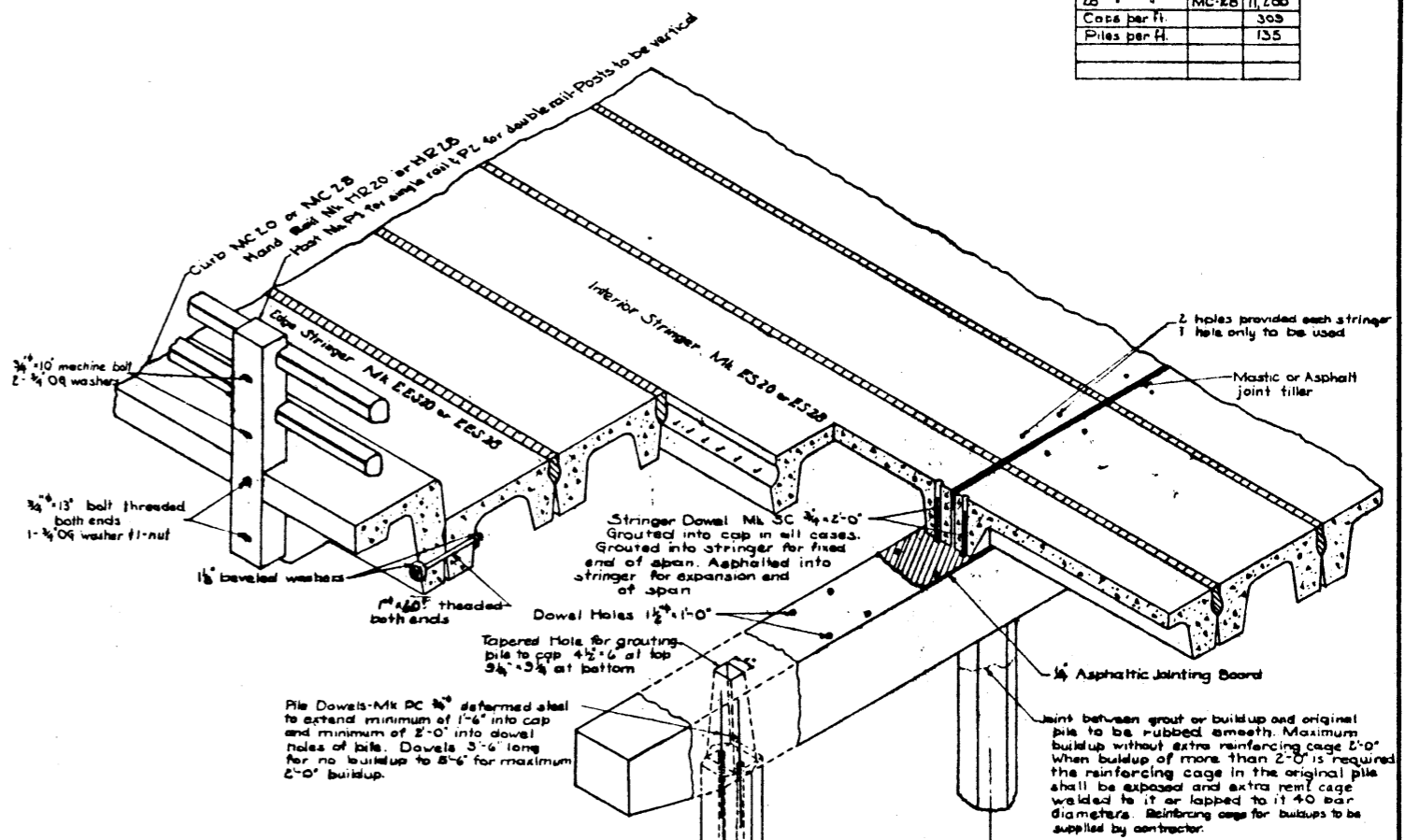
PRECAST CONCRETE BRIDGE WITH TREATED TIMBER BACKWALLS
Scale: 3/8"=1'-0"



ELEVATION



SECT. A-A



ASSEMBLY DRAWING OF STANDARD PRECAST BRIDGE
Scale: 3/8"=1'-0"

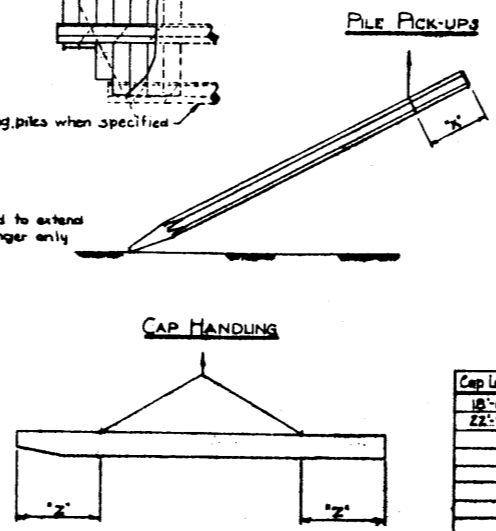
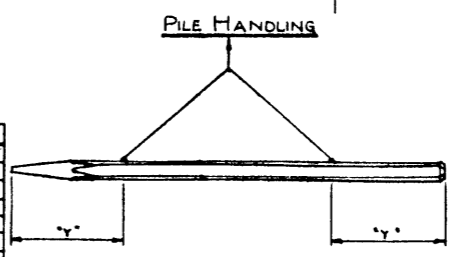
GENERAL NOTES

1. GROUT shall be mixed 1 part cement to 2 parts clean sand. Aggregate in grout for piles and pile buildups may be maximum 3/4" size and well graded. All grout to be 5000 psi at 28 days.
2. SIZES and SKEWS of BRIDGES: Number and lengths of spans for each particular bridge to be specified. Skewed bridges are similar to bridges shown.
3. ALL PILES shall be driven to refusal with adequate hammer with maximum drop of 8 ft. Exact number and length and pile spacing to be specified for each bridge.
4. WHERE CONCRETE COMES IN CONTACT WITH ALKALINE SOIL it shall be given one coat of bituminous paint.
5. DOWEL HOLES to be kept free from dirt and ice.

SEE DWG. S-534 FOR DETAILS OF DECK UNITS

Pile Length	Weight	"X"	"Y"
25 ft.		7'-4"	3'-0"
20		5'-10"	4'-0"

Cap Length	Weight	"Z"
18'-6"		3'-10"
22'-7"		4'-8"



NO.	DATE	DESCRIPTION	BY
REVISIONS			

**DETAILS FOR ERECTION OF
STANDARD PRECAST BRIDGES**

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

FILE NO.	HWY. NO.	DWG. NO.
LOCATION	SCALE 3/8"=1'-0"	S-535
STREAM	SHEET 1 OF 2	

DESIGNED BY: _____ DATE: APR. 3 1953
 CHECKED BY: E.V.S. DATE: APR. 1 1953