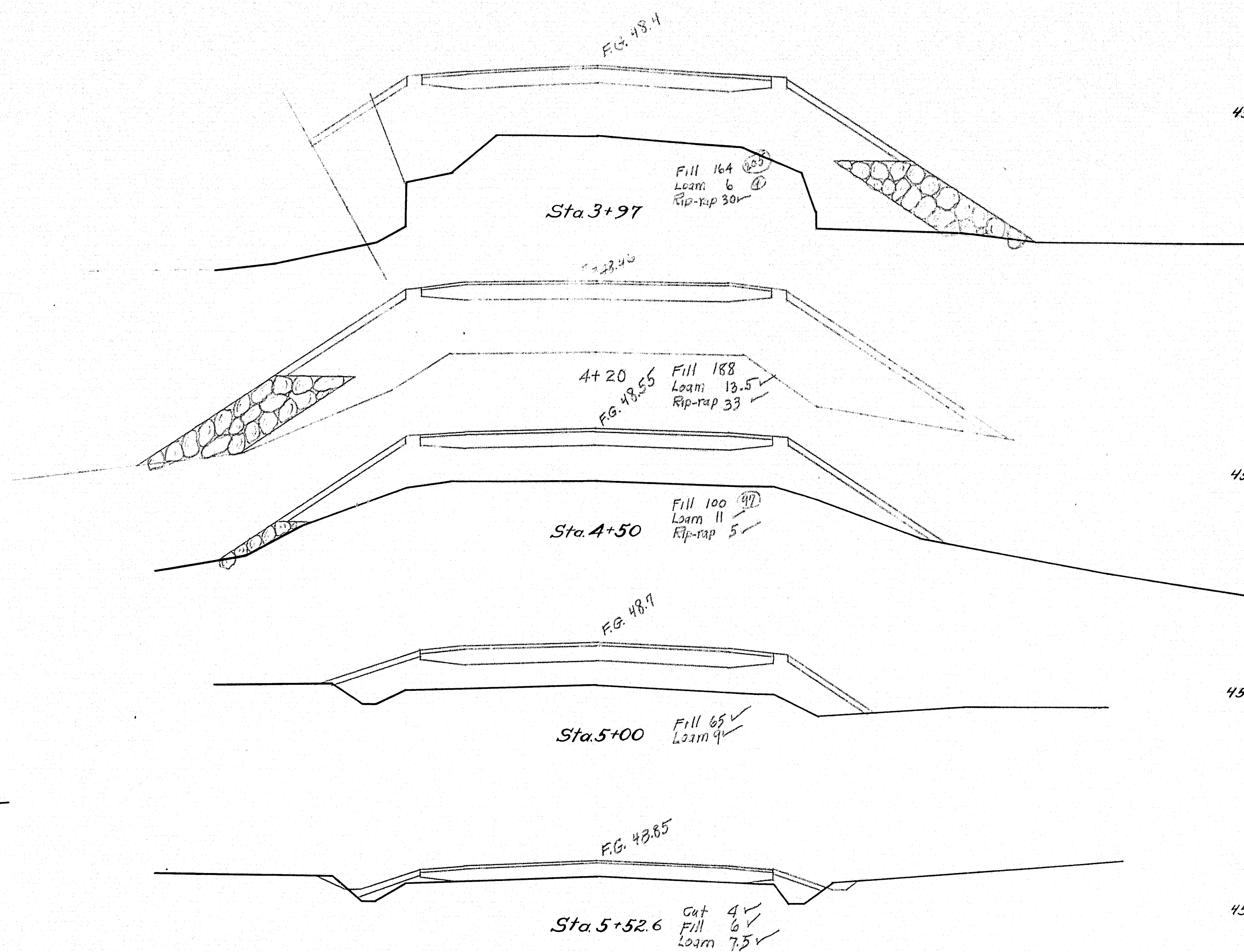
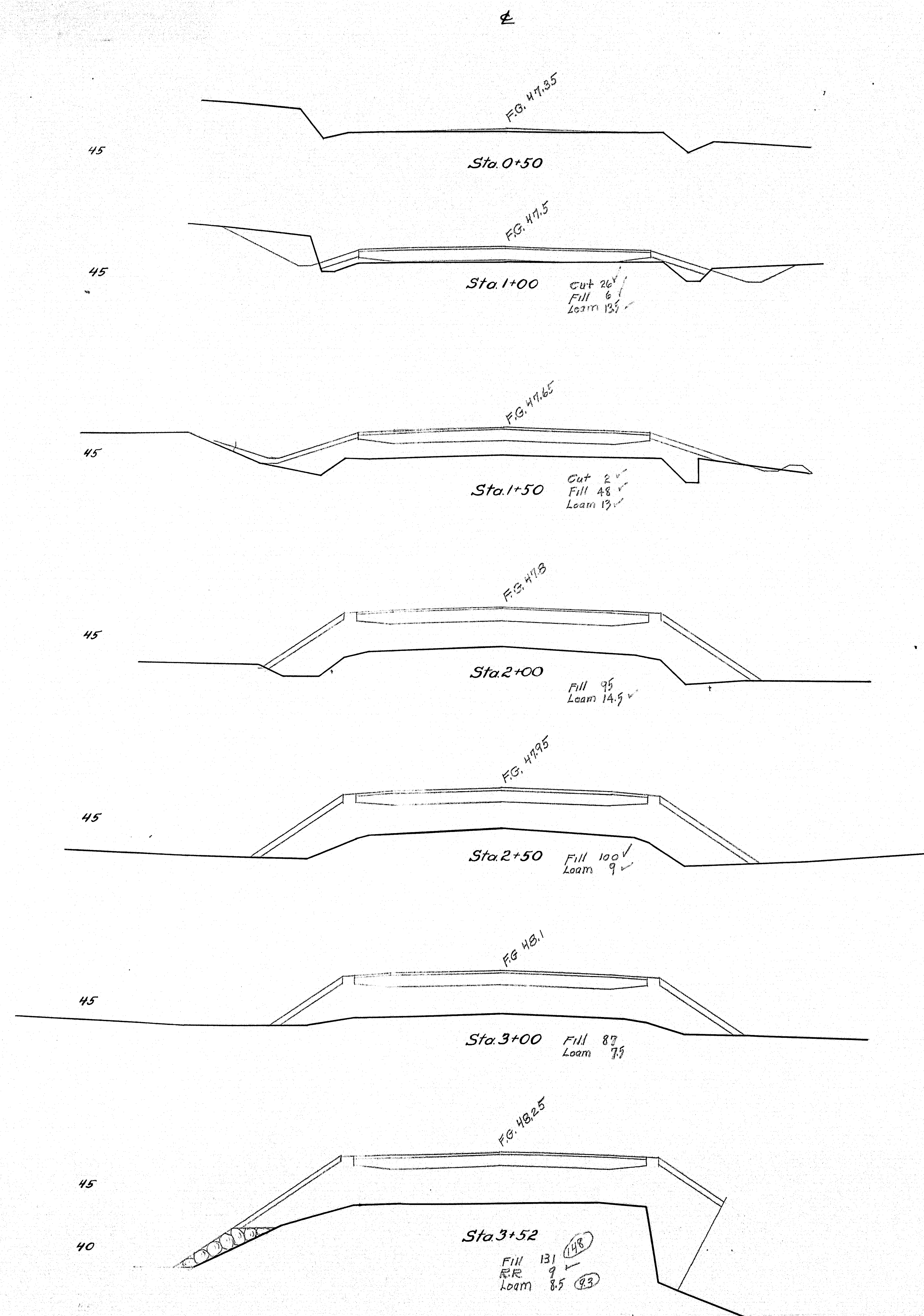
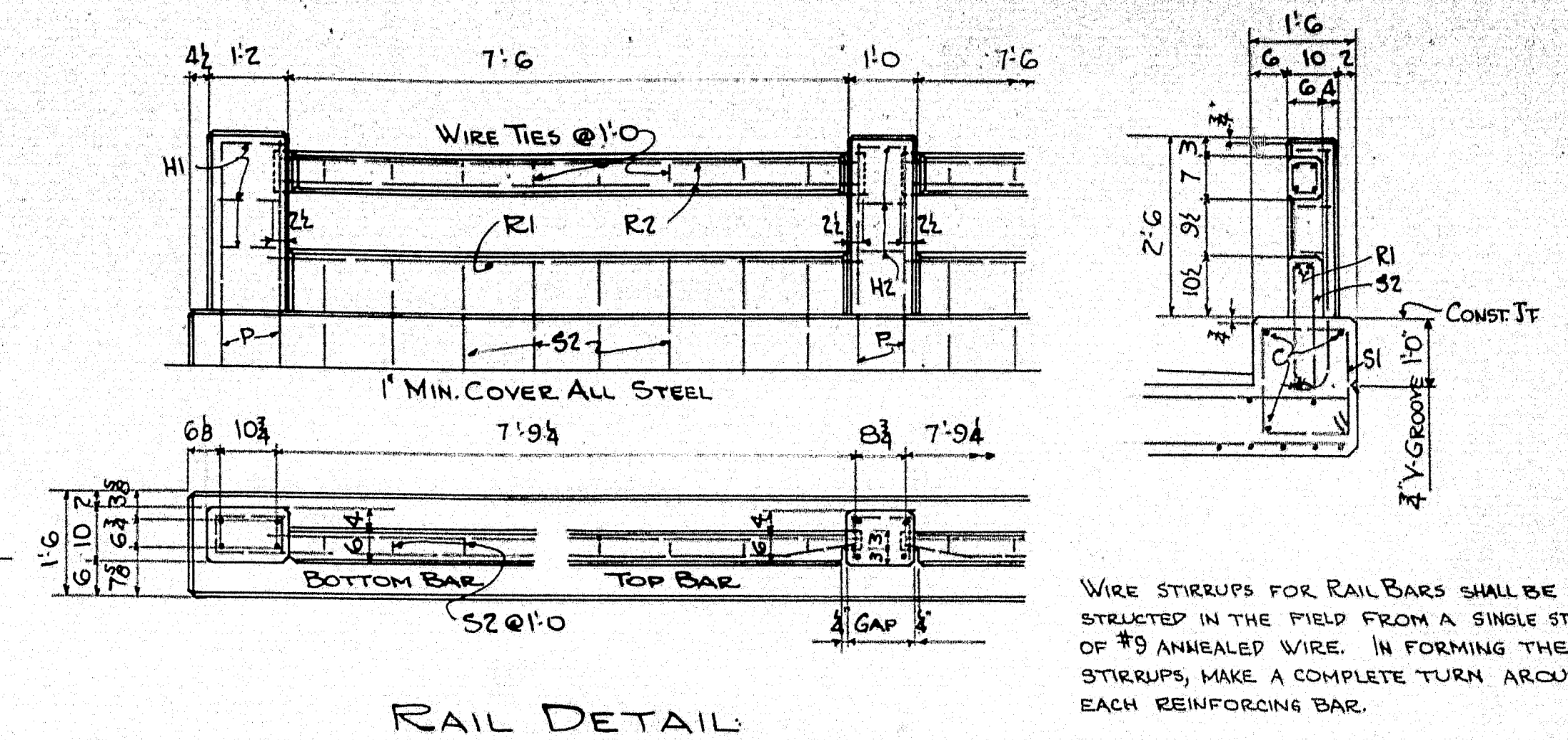
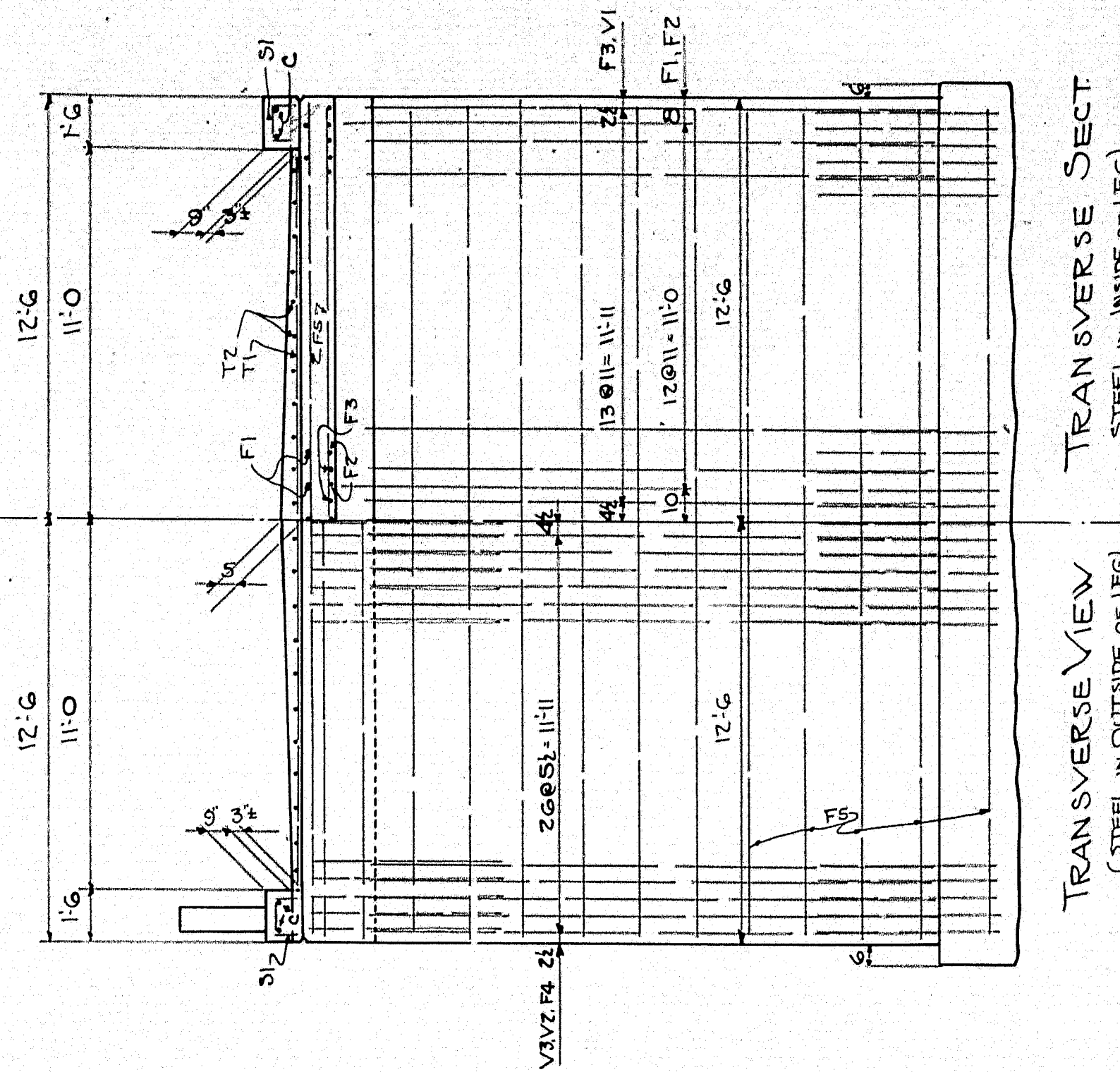
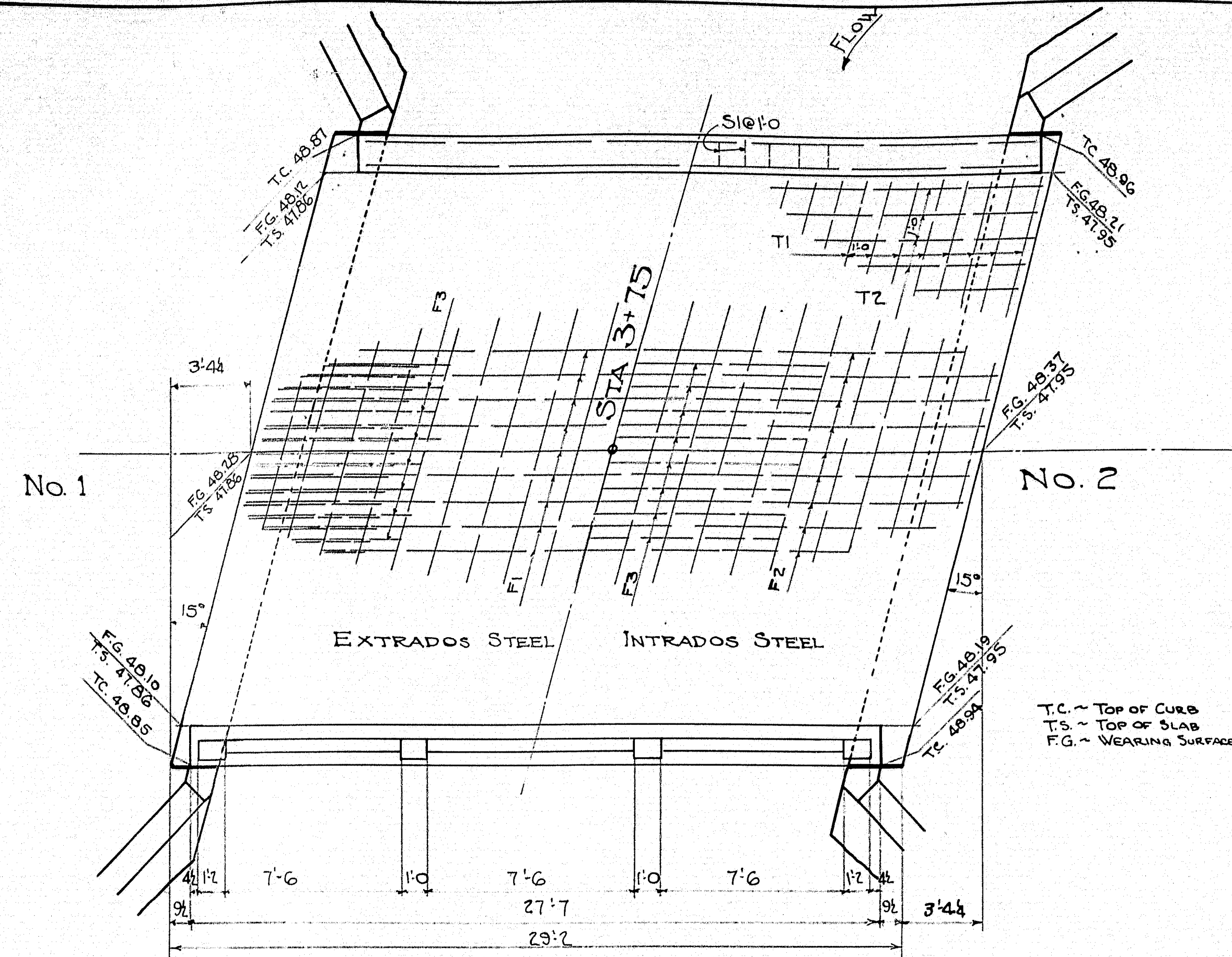




Plotted by R.V.W. TOWN 10-03
 Checked by C.S.E. BRIDGE 3735
 STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
 HEMLOCK BRIDGE
 OVER
 HEMLOCK STREAM
 IN THE TOWNSHIP OF
 ARGYLE PENOBSCOT CO.
 CROSS-SECTIONS
 SHEET 2 OF 4 AUGUSTA, ME. MAY 1940

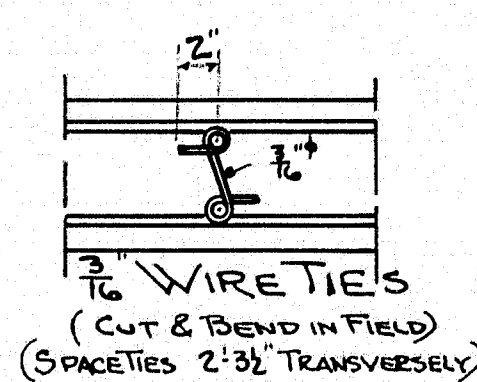
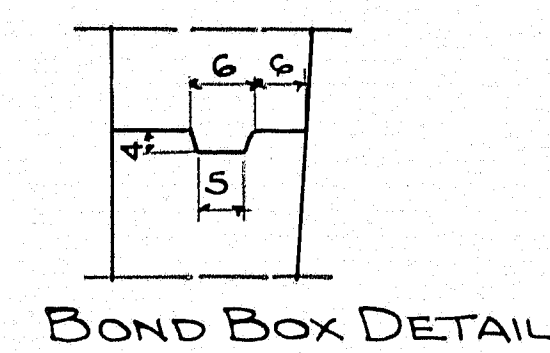
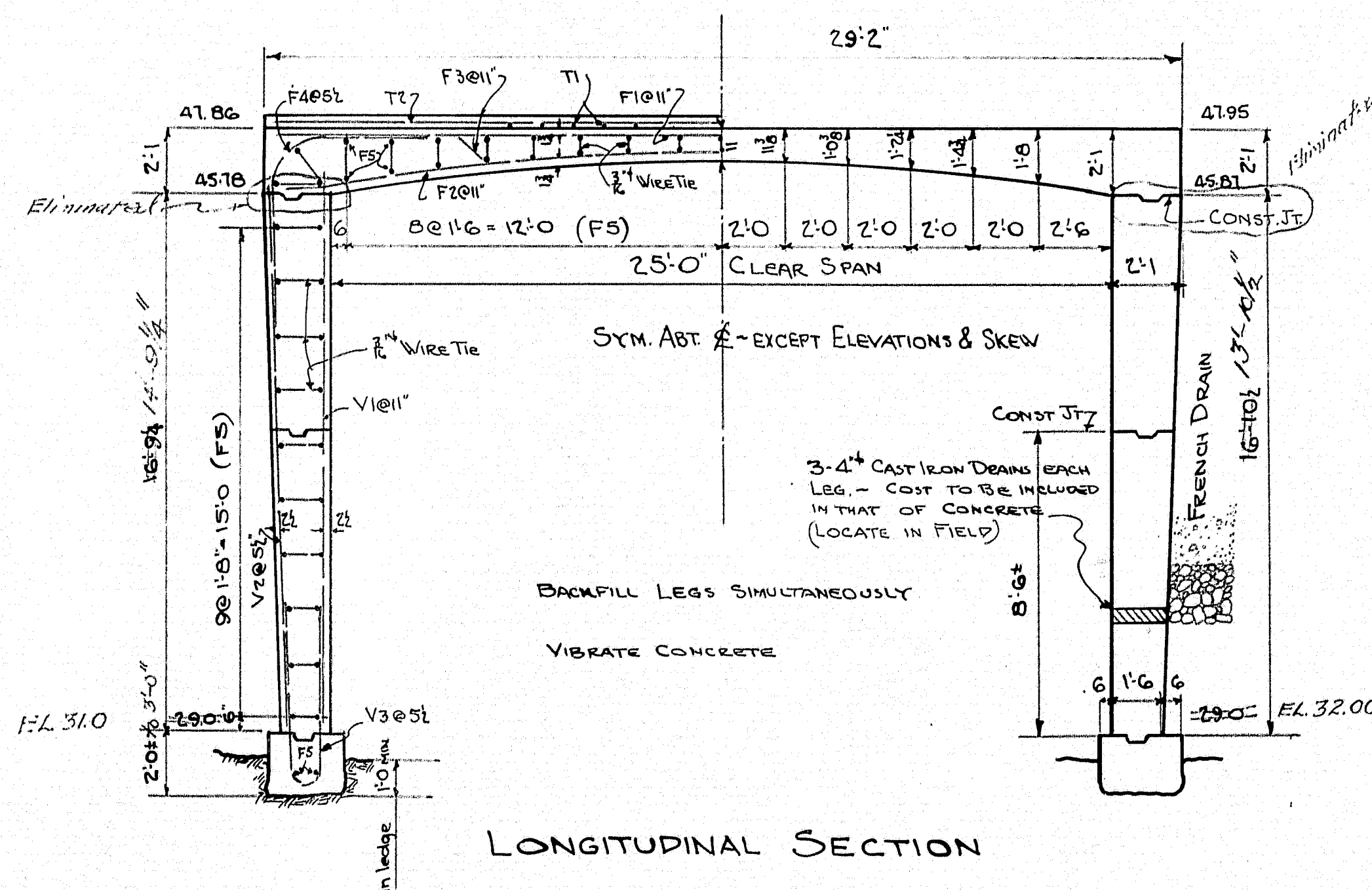
38-116

0 1 2 3 4 5 INCHES



WIRE STIRRUPS FOR RAIL BARS SHALL BE CONSTRUCTED IN THE FIELD FROM A SINGLE STRAND OF #9 ANNEALED WIRE. IN FORMING THE STIRRUPS, MAKE A COMPLETE TURN AROUND EACH REINFORCING BAR.

CURB TO BE CAST WITH FRAME. STEEL FOR POST & LOWER BAR TO BE PLACED BEFORE CURB IS PLACED. THE LOWER BAR IS TO BE CAST IN PLACE. THE LONGITUDINAL STEEL IN THE BAR TO PROJECT 3'. THE TOP BAR TO BE PRECAST & SET IN POSITION SO THAT THE END PROTECTS INTO POST FORMS 2'. WEAP THE TONGUE ENDS WITH 2 LAYERS OF HEAVY ROOFING. BUILD POST FORMS & CAST POSTS. ALL EXPOSED EDGES OF CONCRETE TO BE CHAMFERED 1" UNLESS NOTED.



1" PREMOULDED, NON-BITUMINOUS, EXPANSION JOINT FILLER BETWEEN WINGS & FRAME.

COVER BACKSIDE OF LEGS AT CONST. JTS ABOVE FOOTING WITH 2 LAYERS OF HEAVY ROOFING 10" WIDE. COVER CONCRETE & BACKSIDE OF EACH LAYER AS APPLIED WITH HOT TAR OR ASPHALT. RECESS AREA TO BE COVERED BY NAILING 1" STRIPS TO FORMS.

REINFORCING STEEL SCHEDULE									
MARK	SIZE	NO	LENGTH	REMARKS	MARK	SIZE	NO	LENGTH	REMARKS
T1	5/8"	29	22'-5"	WEARING SURFACE	V1	3/4"	56	17'-0"	LEG
T2	5/8"	22	28'-10"	"	V2	3/4"	110	17'-0"	"
F1	5/8"	27	28'-10"	CROWN	V3	3/4"	110	12'-8"	* FOOTING
F2	5/8"	27	28'-10"	"	C	1"	8	27'-4"	CURB
F3	5/8"	28	28'-8"	"	P	3/4"	16	7'-10"	* RAIL POST
F4	5/8"	110	10'-3"	* HAUNCH TRANS-FRAME	H1	3/4"	12	3'-7"	* RAIL POST
F5	5/8"	84	25'-6"	"	H2	3/4"	12	3'-3"	"
R1	1/2"	12	8'-0"	RAIL BARS	WIRE	3/4"	—	1000'	FRAME TIES
R2	1/2"	24	7'-10"	"					
S1	1/2"	58	5'-10"	* CURB					
S2	1/2"	48	4'-3"	* RAIL BAR					

ALL STEEL PLAIN BARS, STRUCTURAL GRADE. DIMENSIONS TO 1/8" OF BARS.

TOWN 10-03
BRIDGE 37-03

Maine Highway Commission
Bridge Division
HEMLOCK BRIDGE
OVER
HEMLOCK STREAM
IN THE TOWNSHIP OF
ARGYLE
PENOBSCOT COUNTY
FRAME DETAILS
SHEET 3 of 4 AUGUSTA, ME. JUNE 5, 1940

H15 - LOADING
f_c = 9000 psi
f_s = 16000 psi
n = 10

0 1 2 3 4 5 INCHES

38-117

