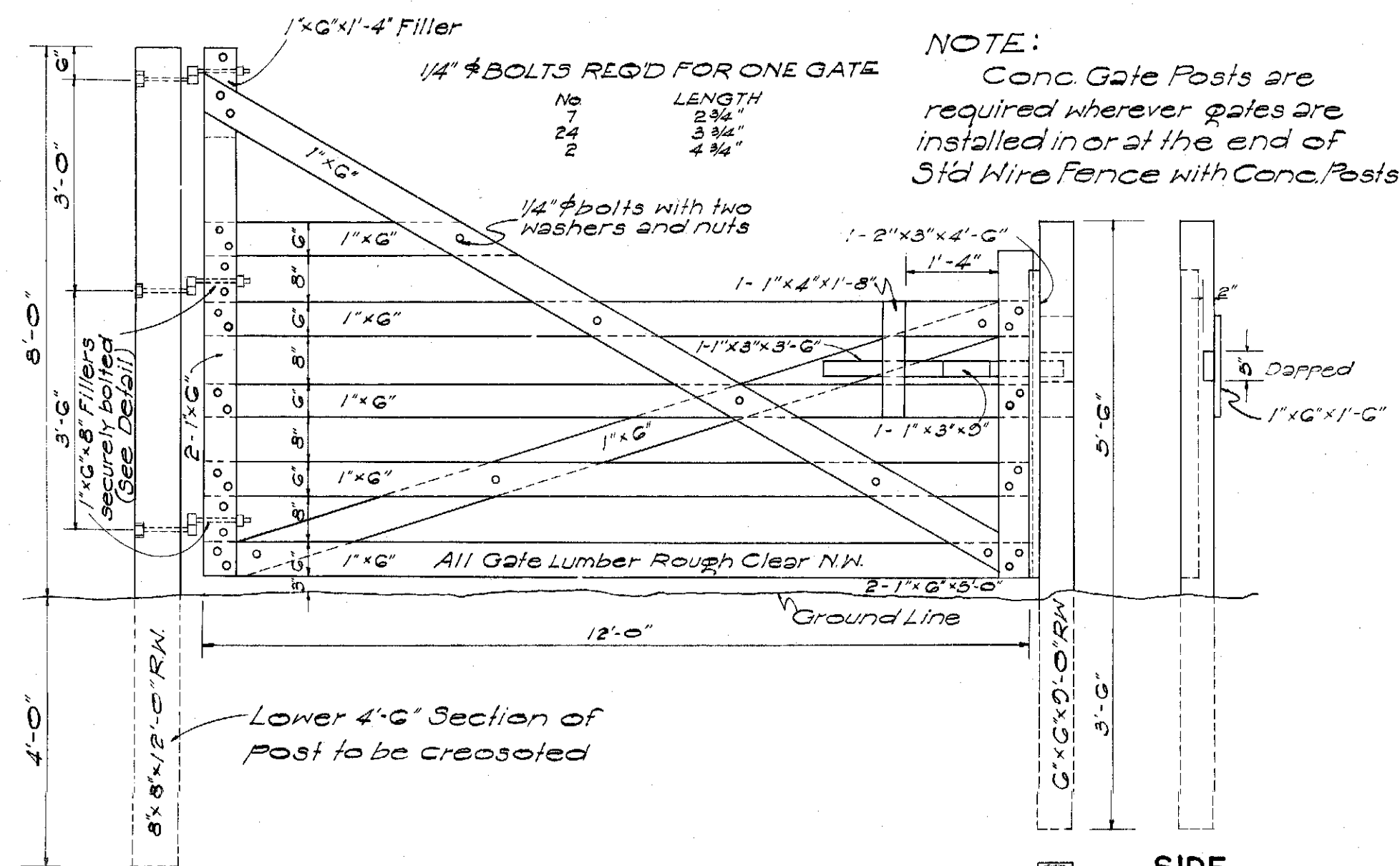


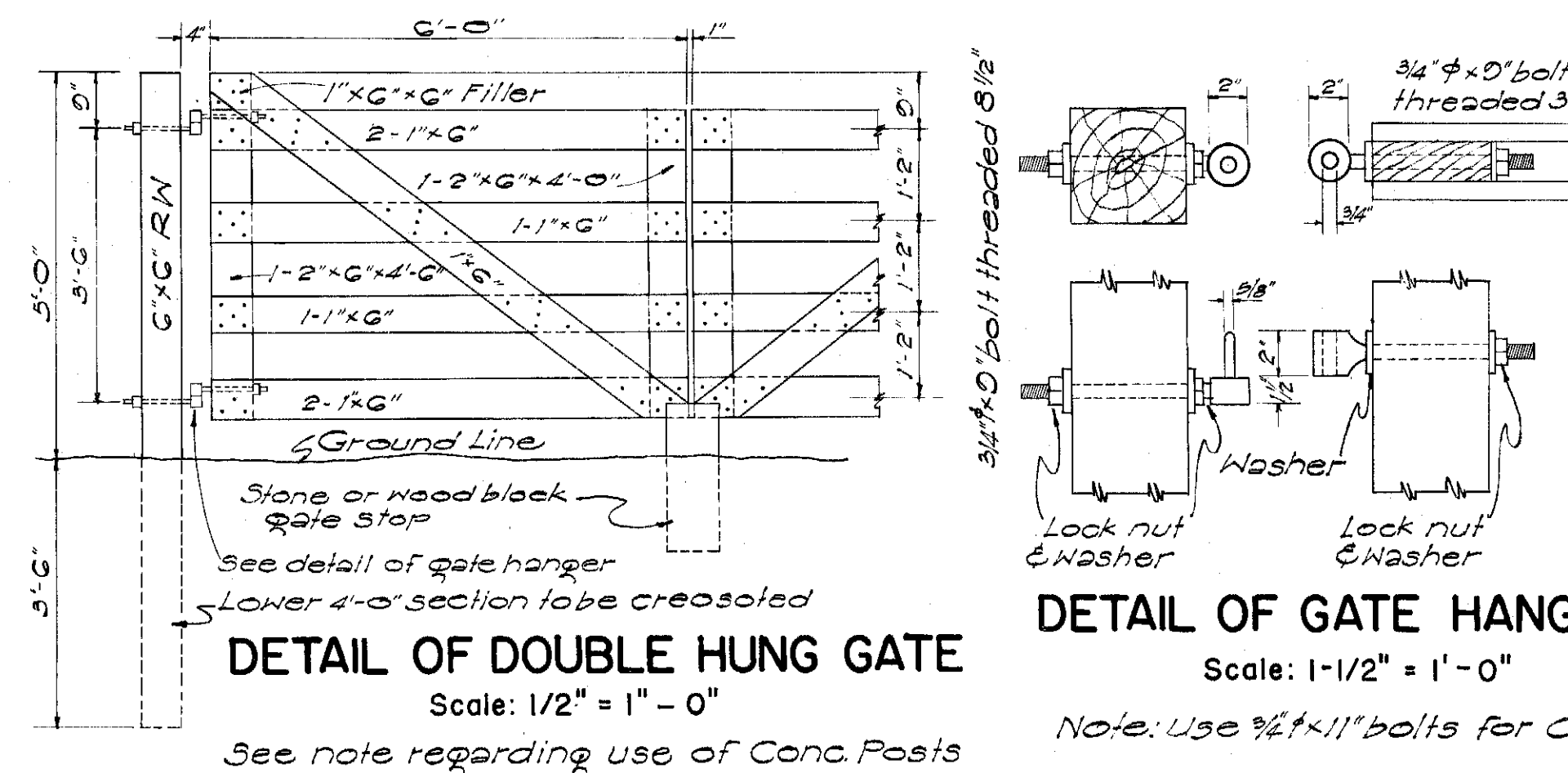
2/17/59

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS

AUG. 1957



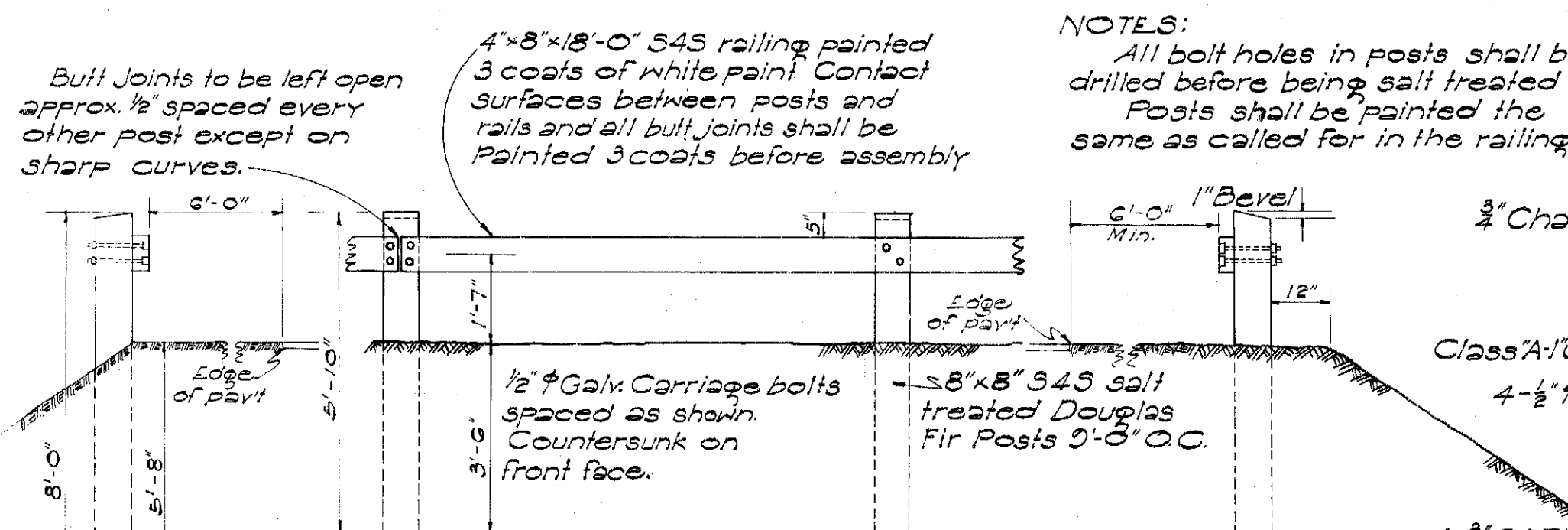
DETAIL OF CATTLE GATE
Scale: 1/2" = 1'-0"



DETAIL OF DOUBLE HUNG GATE
Scale: 1/2" = 1'-0"
See note regarding use of Conc. Posts

DETAIL OF GATE HANGER
Scale: 1-1/2" = 1'-0"

Note: Use 1/4"x11" bolts for Cattle Gate

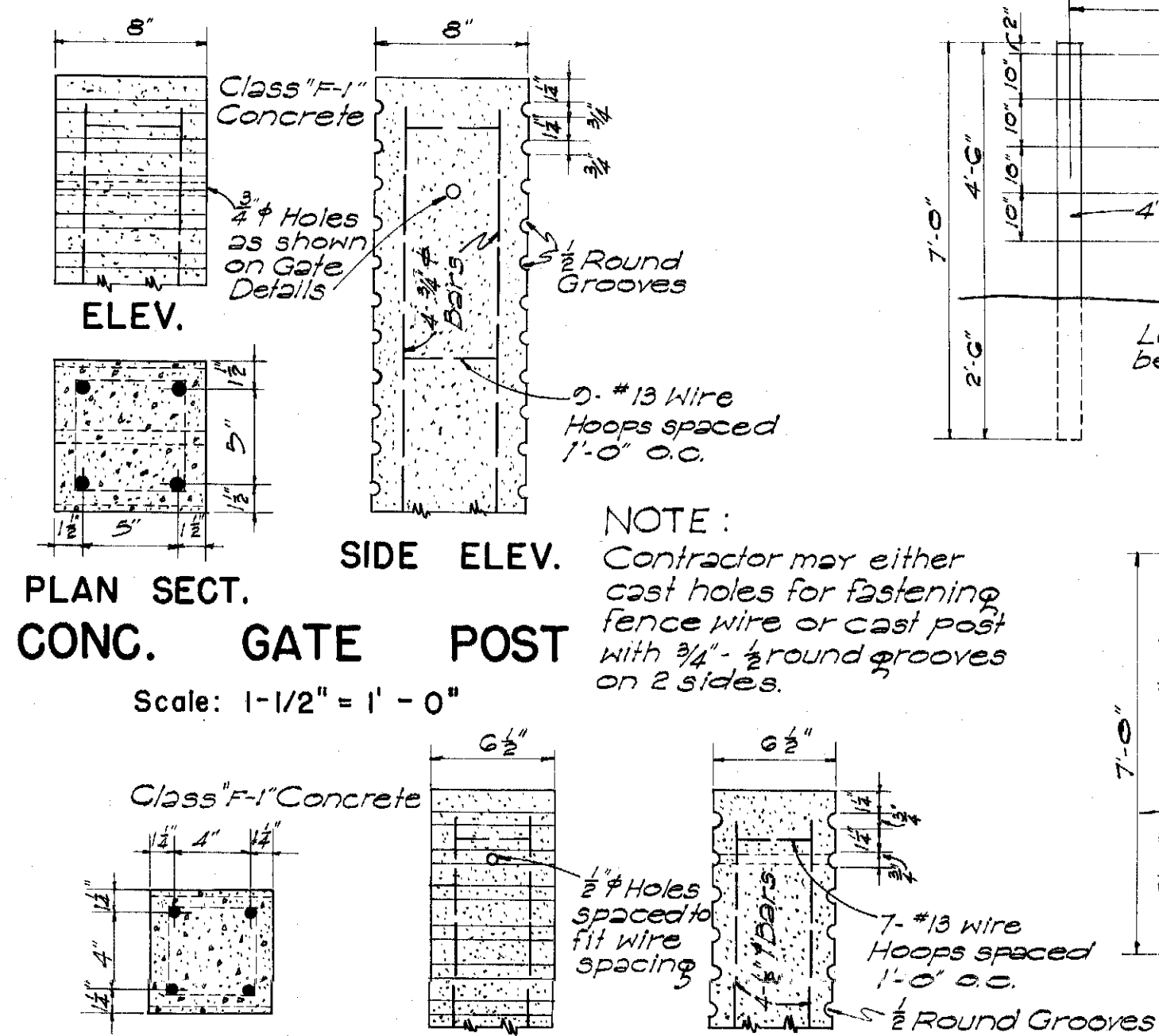


WOOD GUARD RAIL WITH WOOD POSTS
Scale: 3/8" = 1'-0"

NOTE: For Conc. Post see detail at right

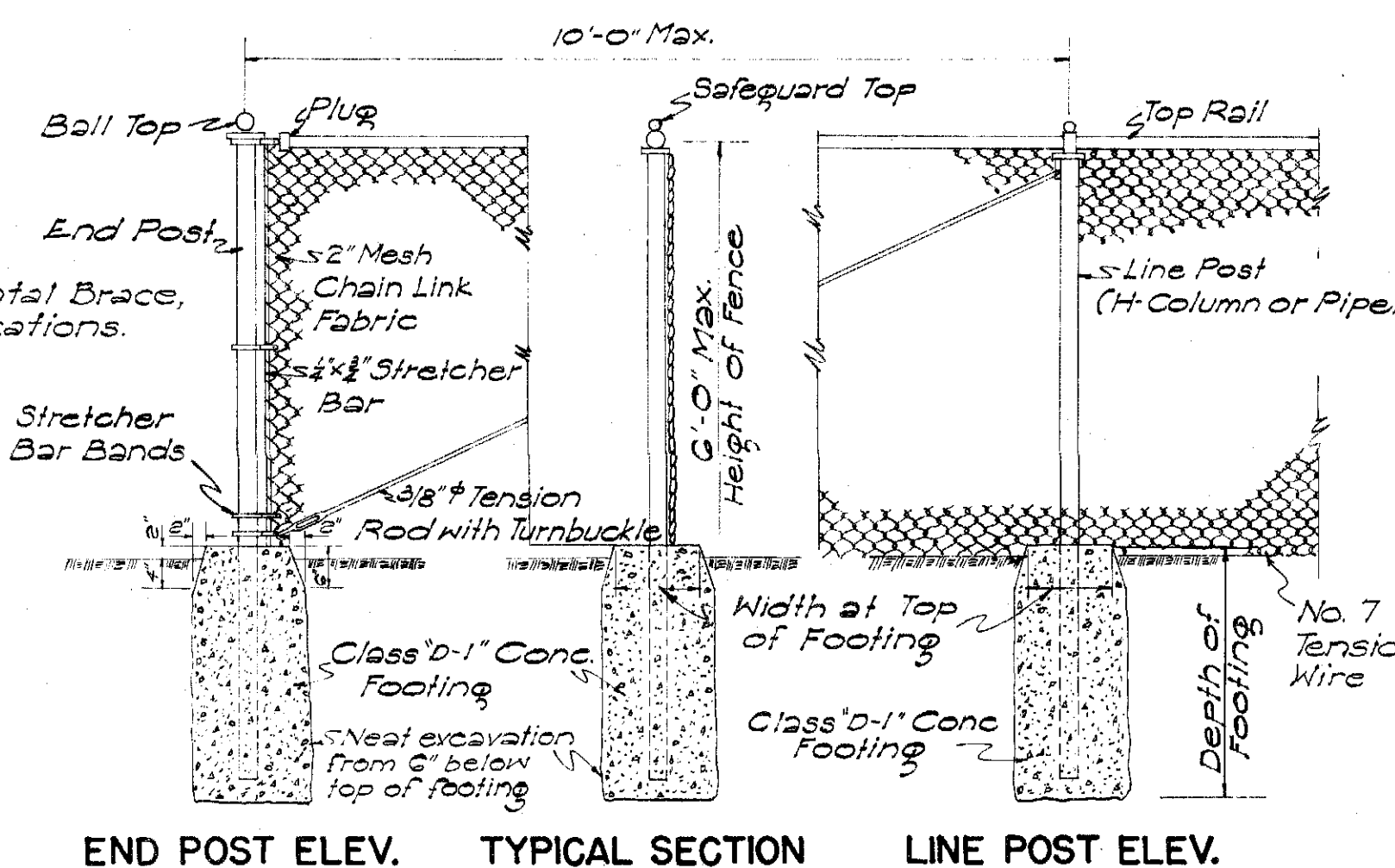
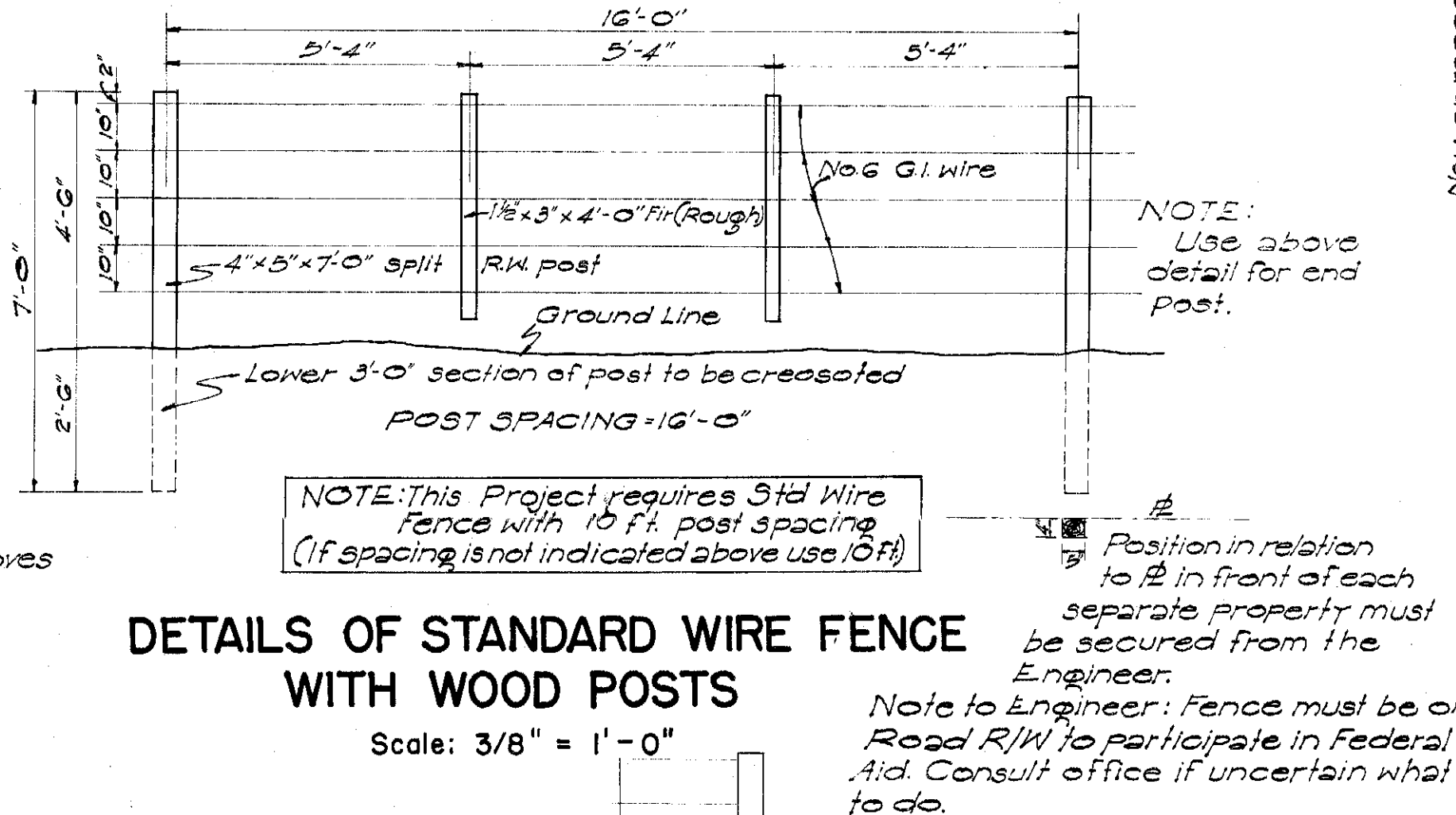
6x8x8-0 S4S salt treated Douglas Fir or 6x8x8-0 precast Concrete Posts shall be used where shoulders are less than 8'-0" wide.

GUIDE POSTS: Wood or Conc. Guide Posts are the same as those used for Wood Guard Rail spaced as shown on plans.

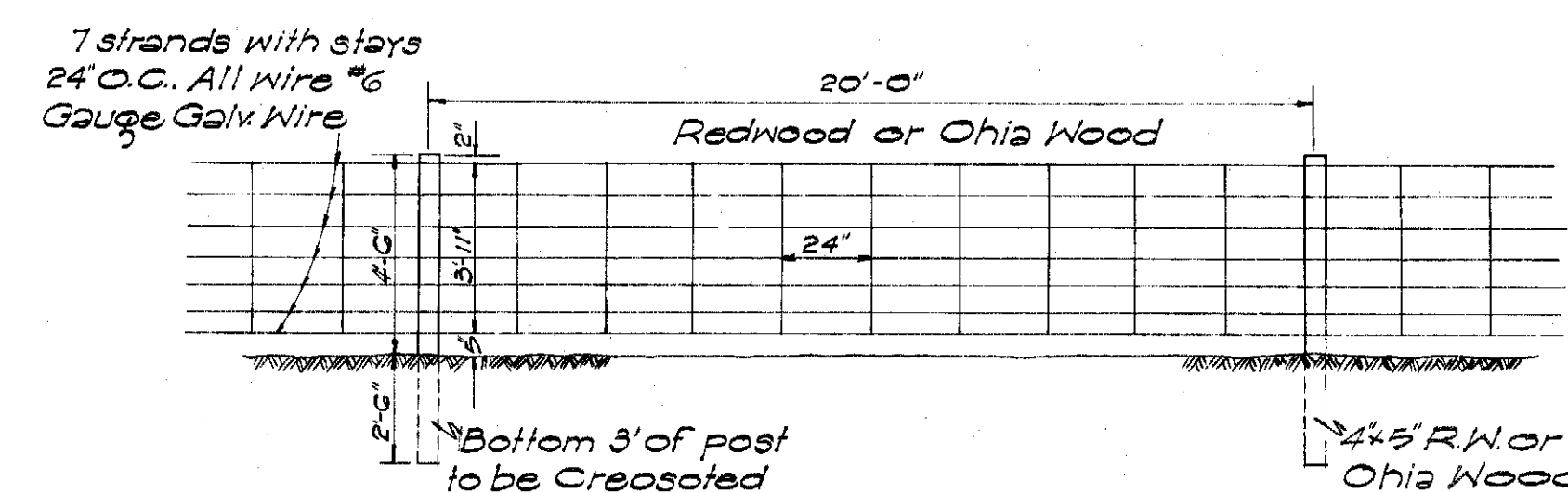


CONC. GATE POST
Scale: 1-1/2" = 1'-0"

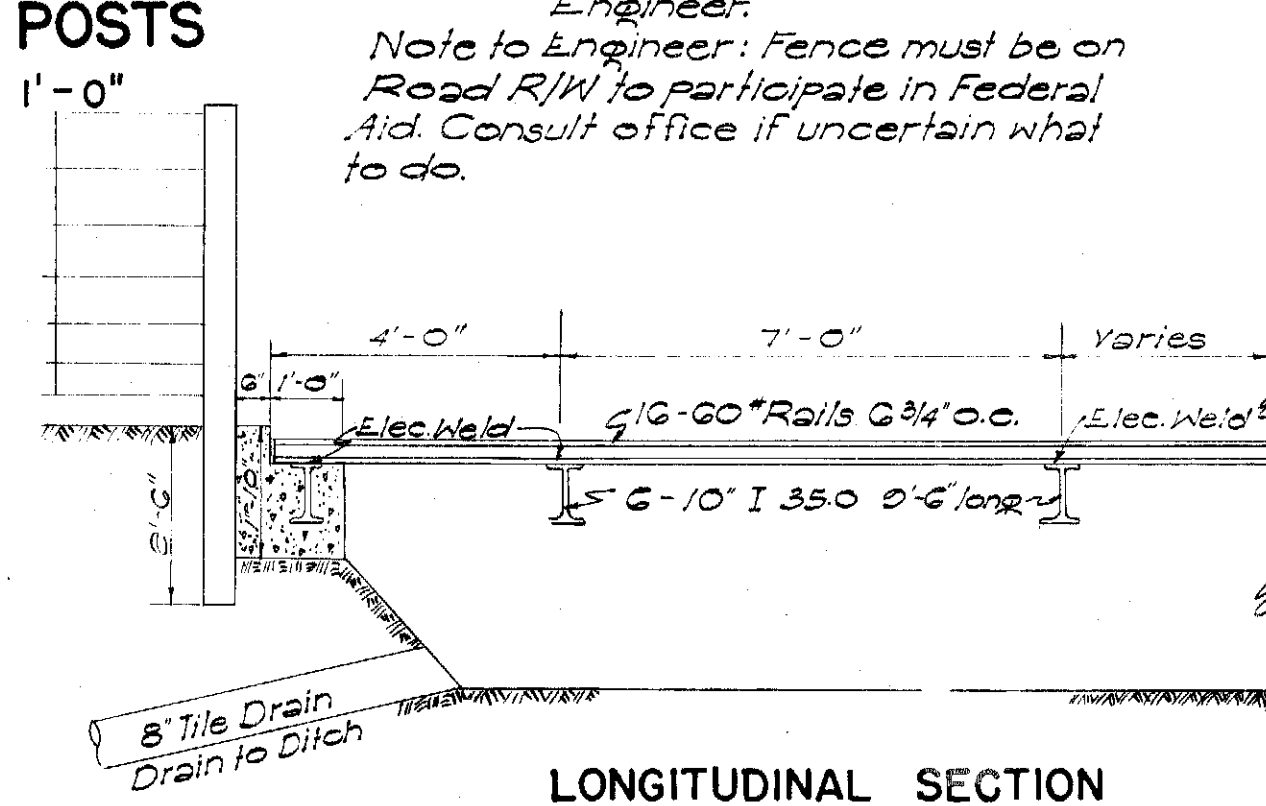
DETAILS OF STANDARD WIRE FENCE WITH WOOD POSTS
Scale: 3/8" = 1'-0"



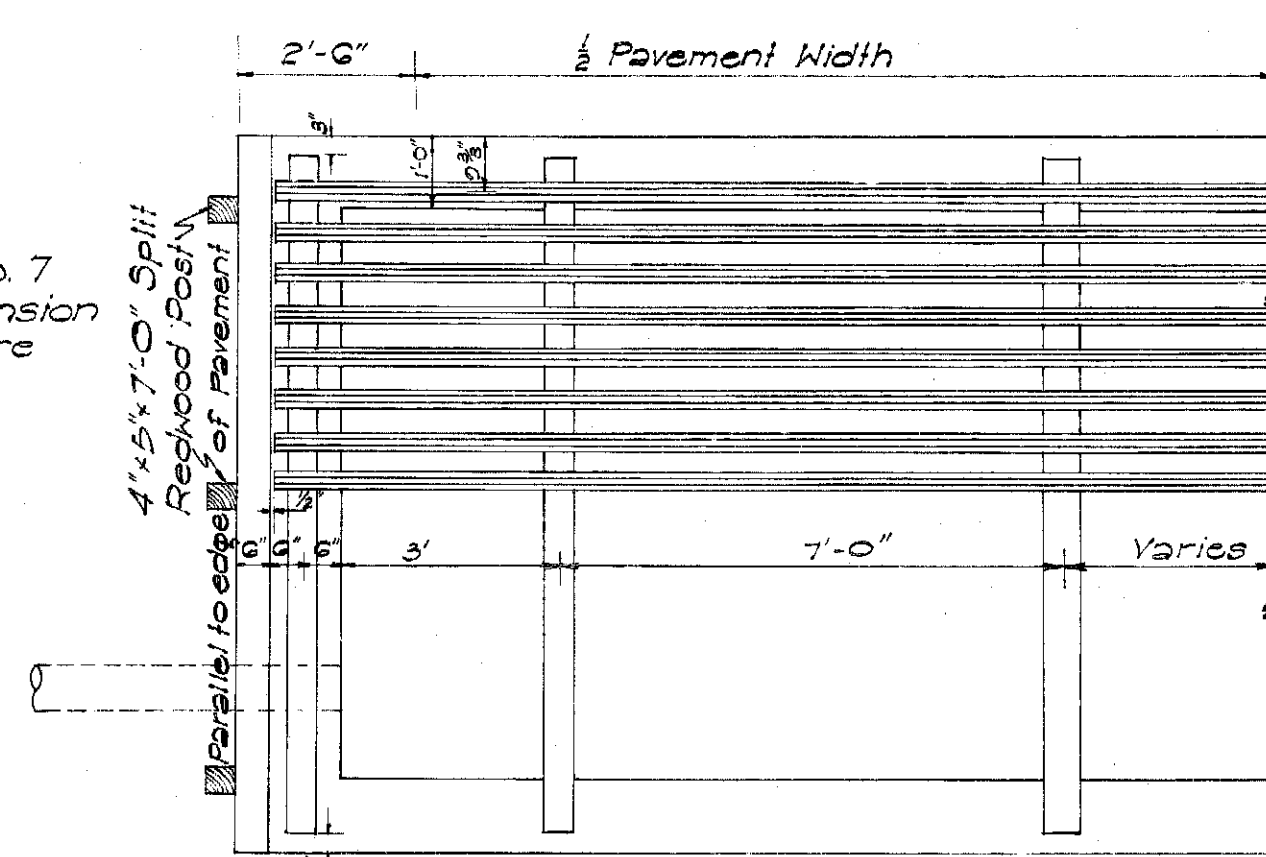
DETAIL OF CHAIN LINK FENCE
Scale: 1/2" = 1'-0"



DETAIL OF WOVEN WIRE FENCE
Scale: 1/4" = 1'-0"



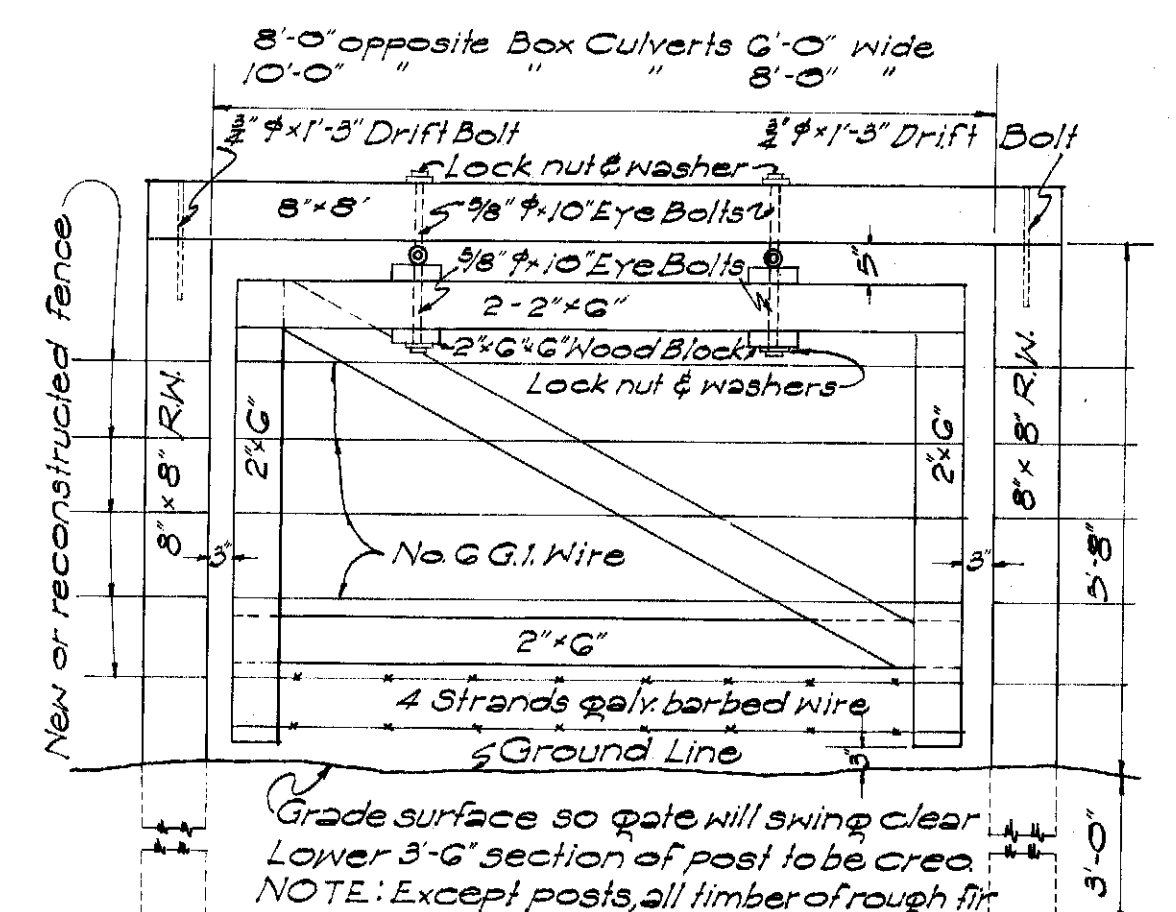
LONGITUDINAL SECTION



HALF SECTION

DETAIL OF CATTLE GUARD
Scale: 3/8" = 1'-0"

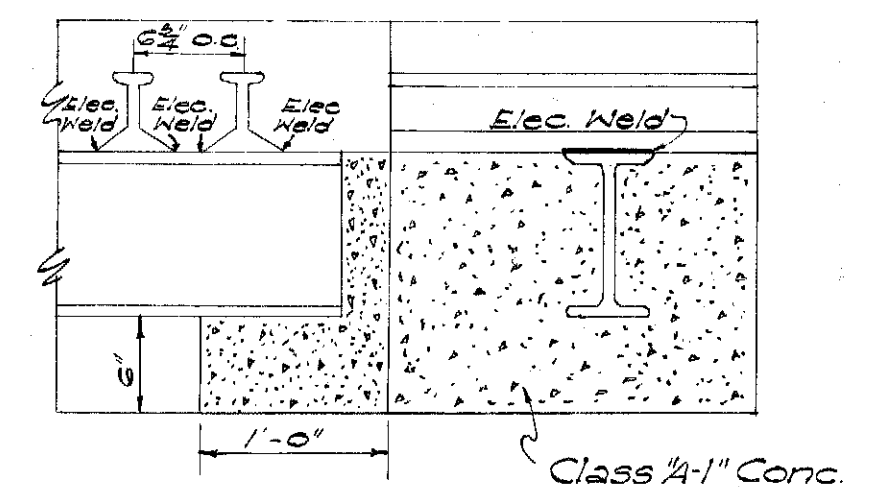
APPROVED: _____ DATE: Aug. 26, 1957
STATE HIGHWAY ENGINEER



ELEVATION
Scale: 1/2" = 1'-0"

LAYOUT SHOWING HURDLE PLACED BELOW CULVERT IN A POSITION WHICH WILL BE CATTLE TIGHT

DETAILS OF HURDLE



SECTION

Job No. 12-63
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STATE OF HAWAII
STANDARD DETAILS
FENCES, GATES, GUARD RAILS,
GUIDE POSTS, CATTLE GUARD
SCALES AS NOTED

PROPERTY OF DIVISION OF ENGINEERING

FILE	POCKET	FOLDER	NO.
12	9	5	56

SHEET 56 OF 62 SHEETS