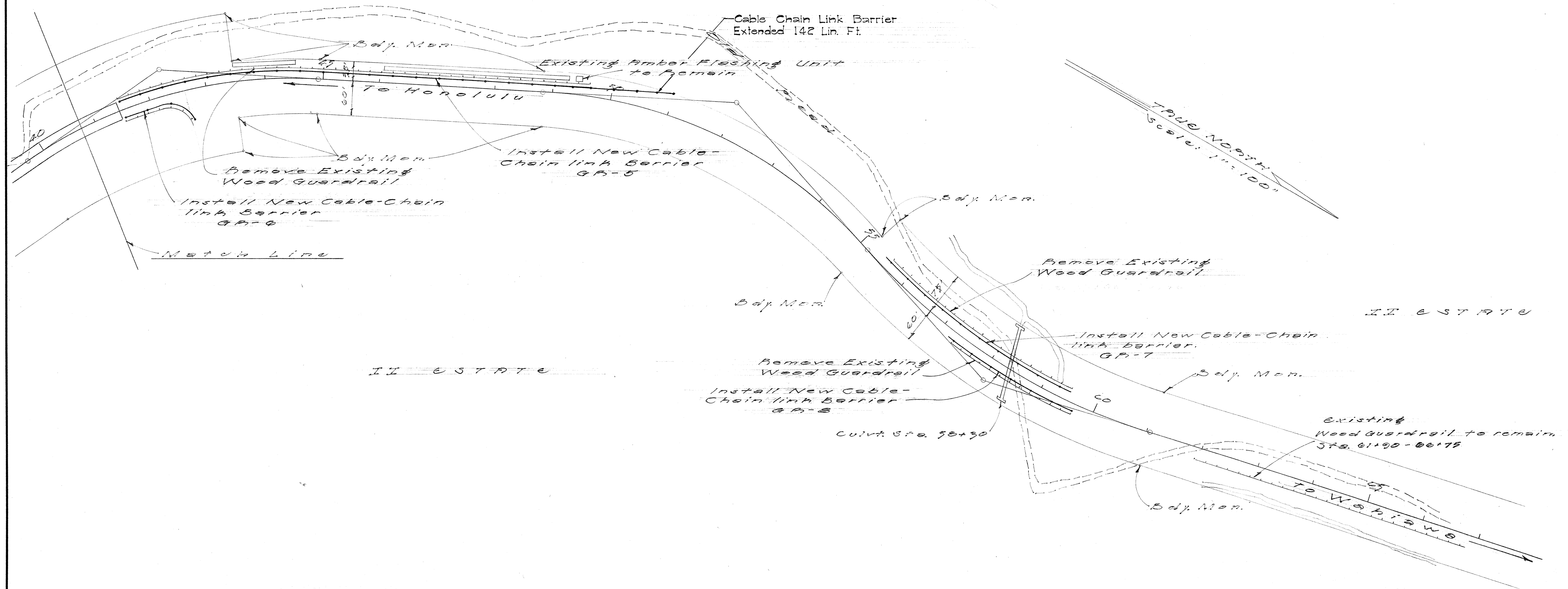
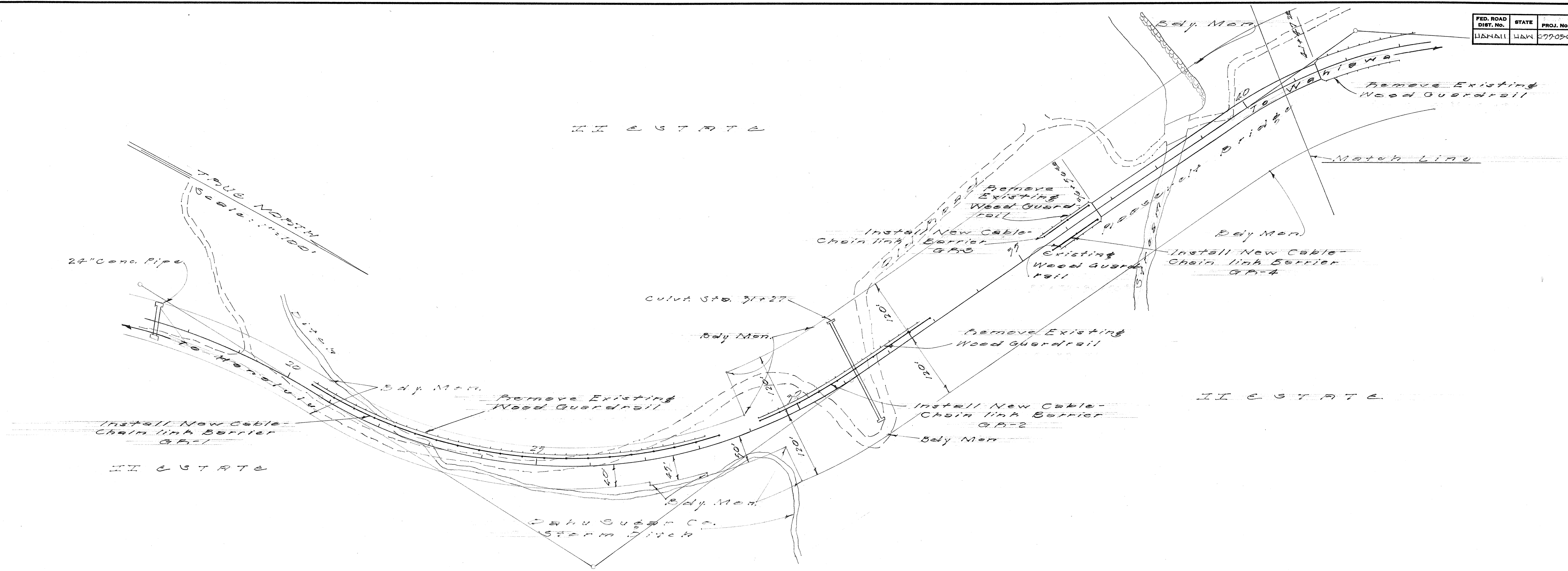


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5770360	1960	4	8



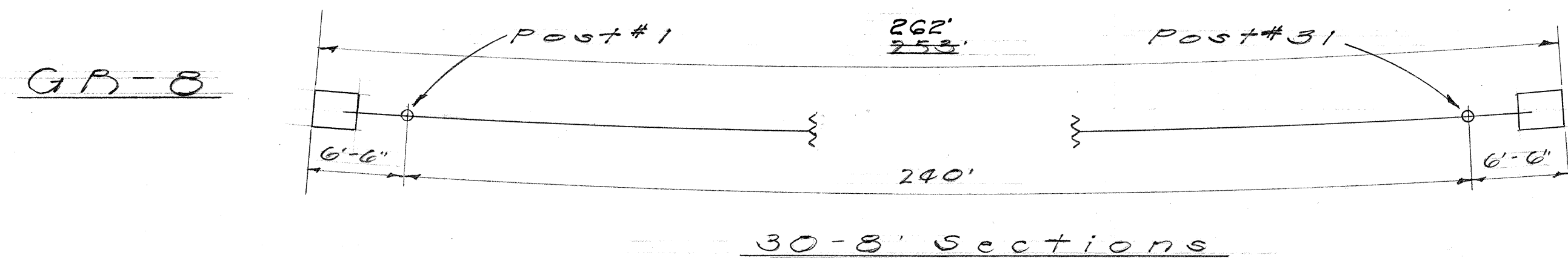
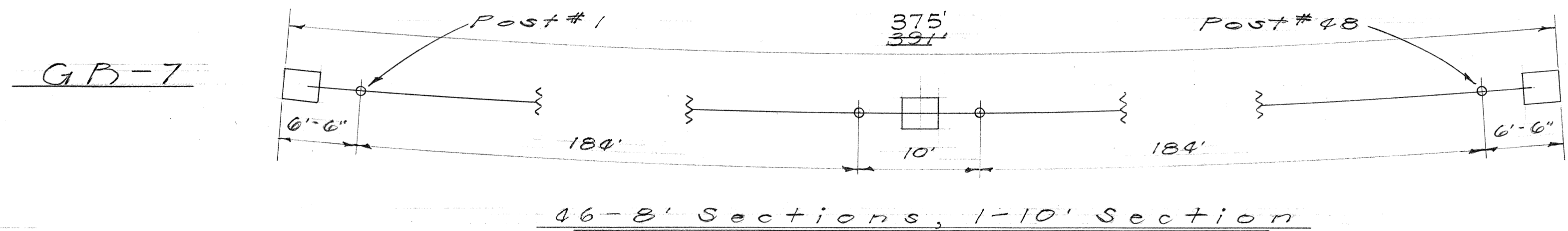
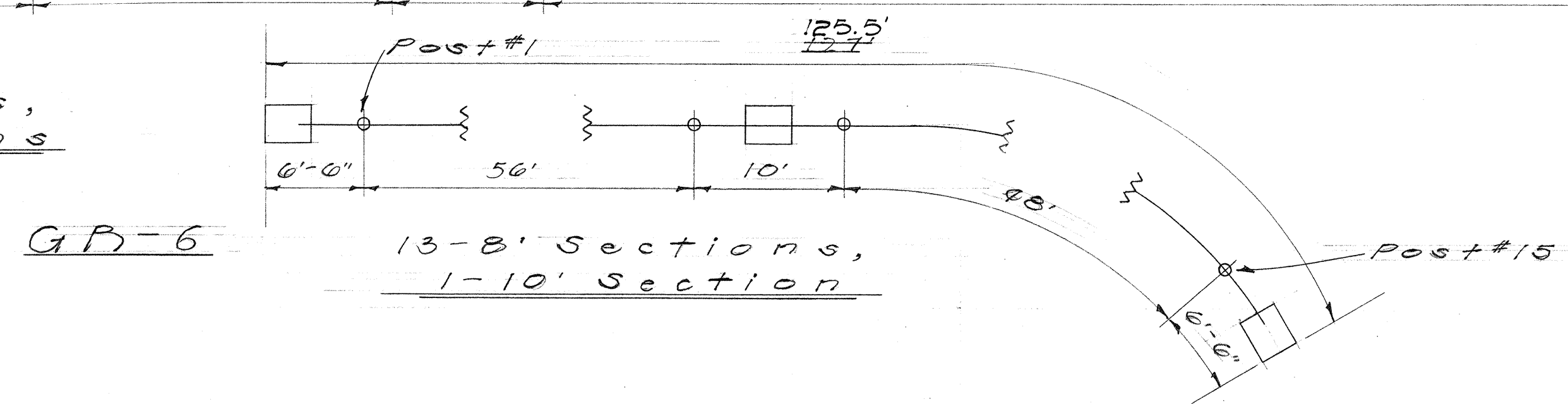
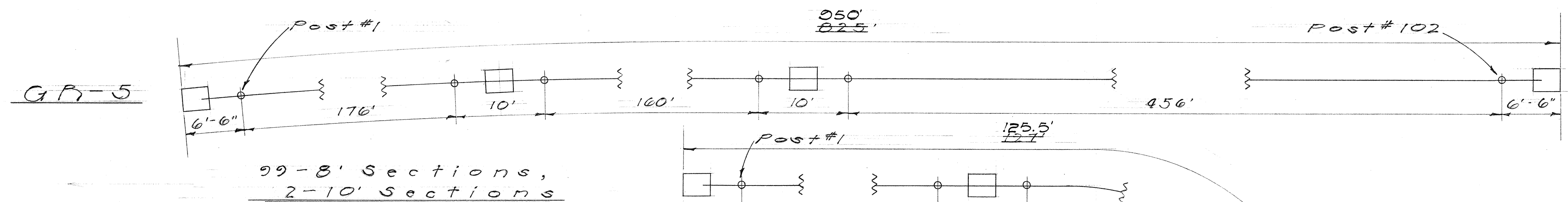
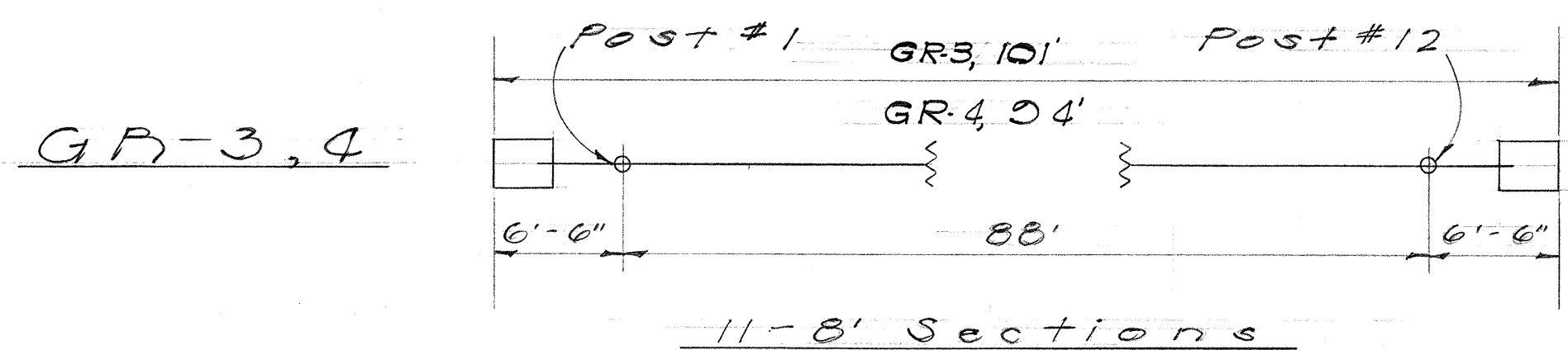
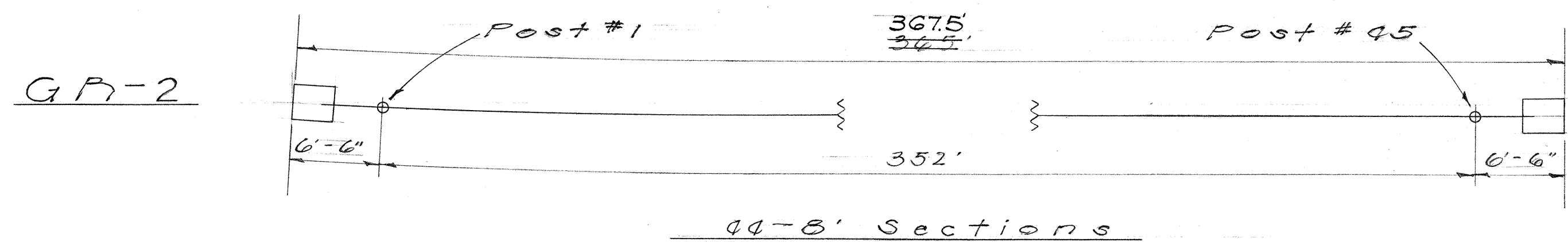
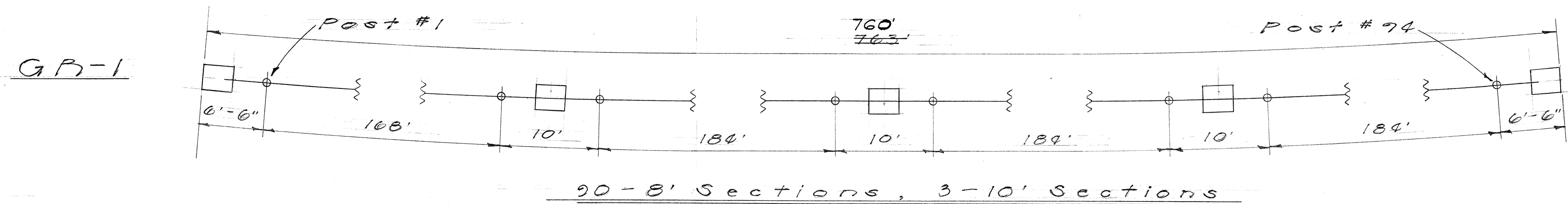
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Installation of
Cable-Chain Link
Barrier
Proj. No. C-99-05-60
Scale: 1"=100' July 1960

SURVEY PLANNED BY	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTES CHECKED BY	
NO.	

C-99-05-60

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	C-99-05-60	1960	5	8



Note
GP-1, #2
Post #1 (See drawing) will begin at the Honolulu end of the existing wood guardrail.

GP-3,4,5, #6
These guardrails will begin 8' from the bridge abutments and tied-in by metal guardrails. See detail sheet (8) for lay-out plan.

GP-7
Post #48 will begin at the Wahiawa end of the existing wood guardrail.

GP-8
Post #31 will begin at the Wahiawa end of the existing wood guardrail.

GR-1 760.0'
" - 2 367.5'
" - 3 101.0'
" - 4 94.0'
" - 5 950.0'
" - 6 125.5'
" - 7 375.0'
" - 8 262.0'
TOTAL = 3035.0 Ft.
REFLECTORS = 85 PCS.

SURVEY PLOTTED BY	DATE
DESIGNED BY	
DRAWN BY	
TRACED BY	
CHECKED BY	
QUANTITIES CHECKED BY	
NOTE BOOK NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Construction
Detail

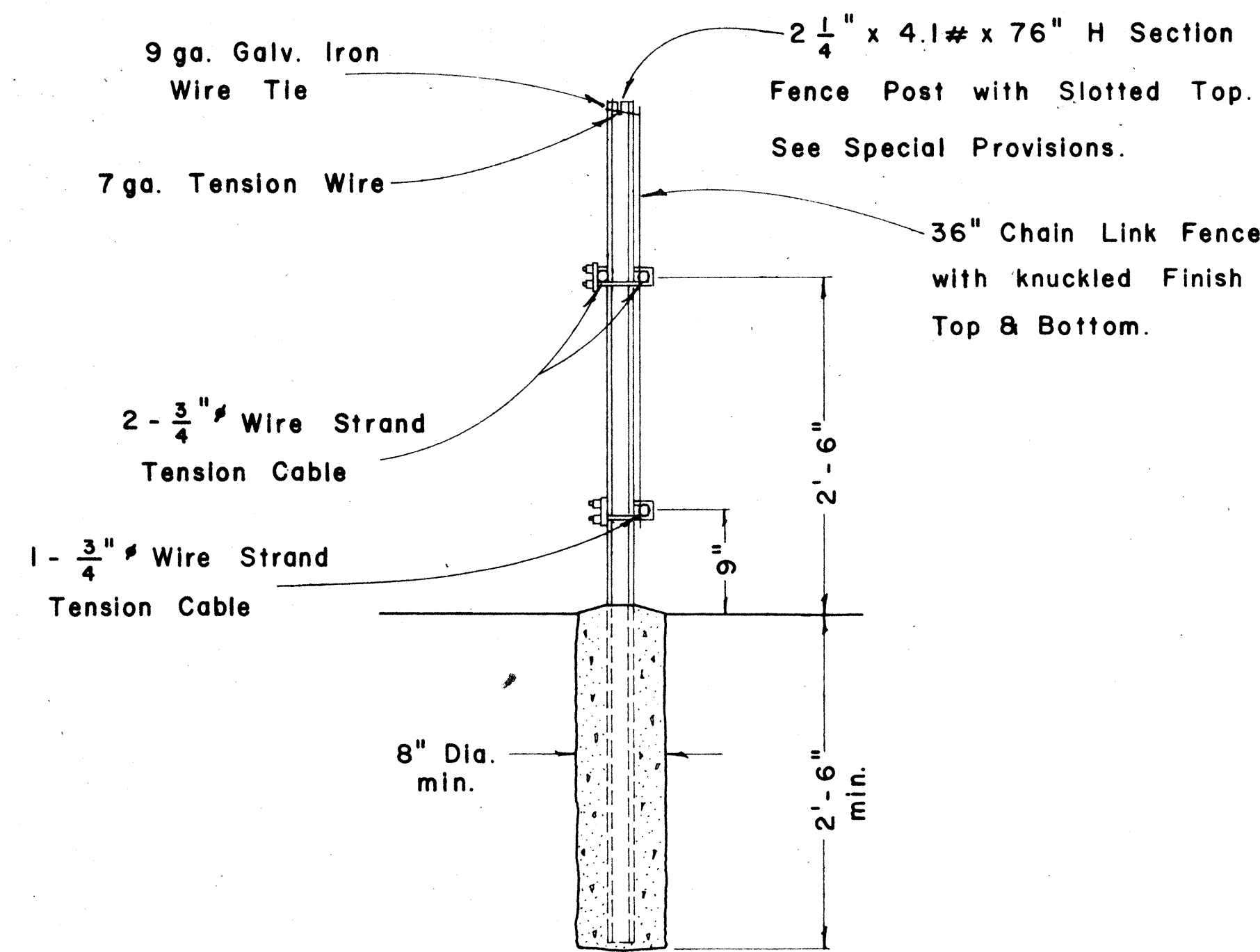
Proj. No. C-99-05-60

Scale: 3/8" = 1'-0" 11/16" = 1'-0" July, 1960

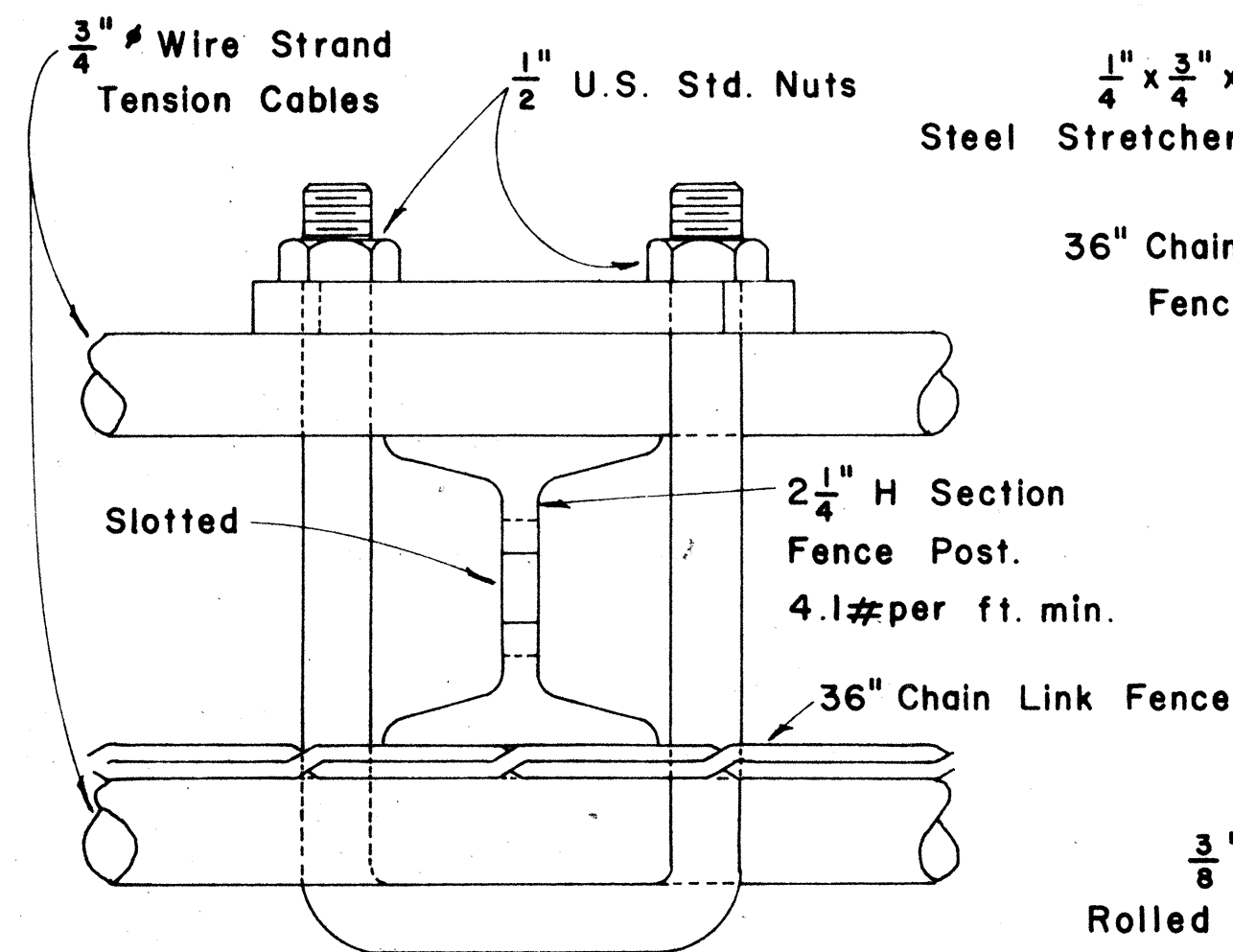
SHEET No. 5 OF 8 SHEETS

C-99-05-60

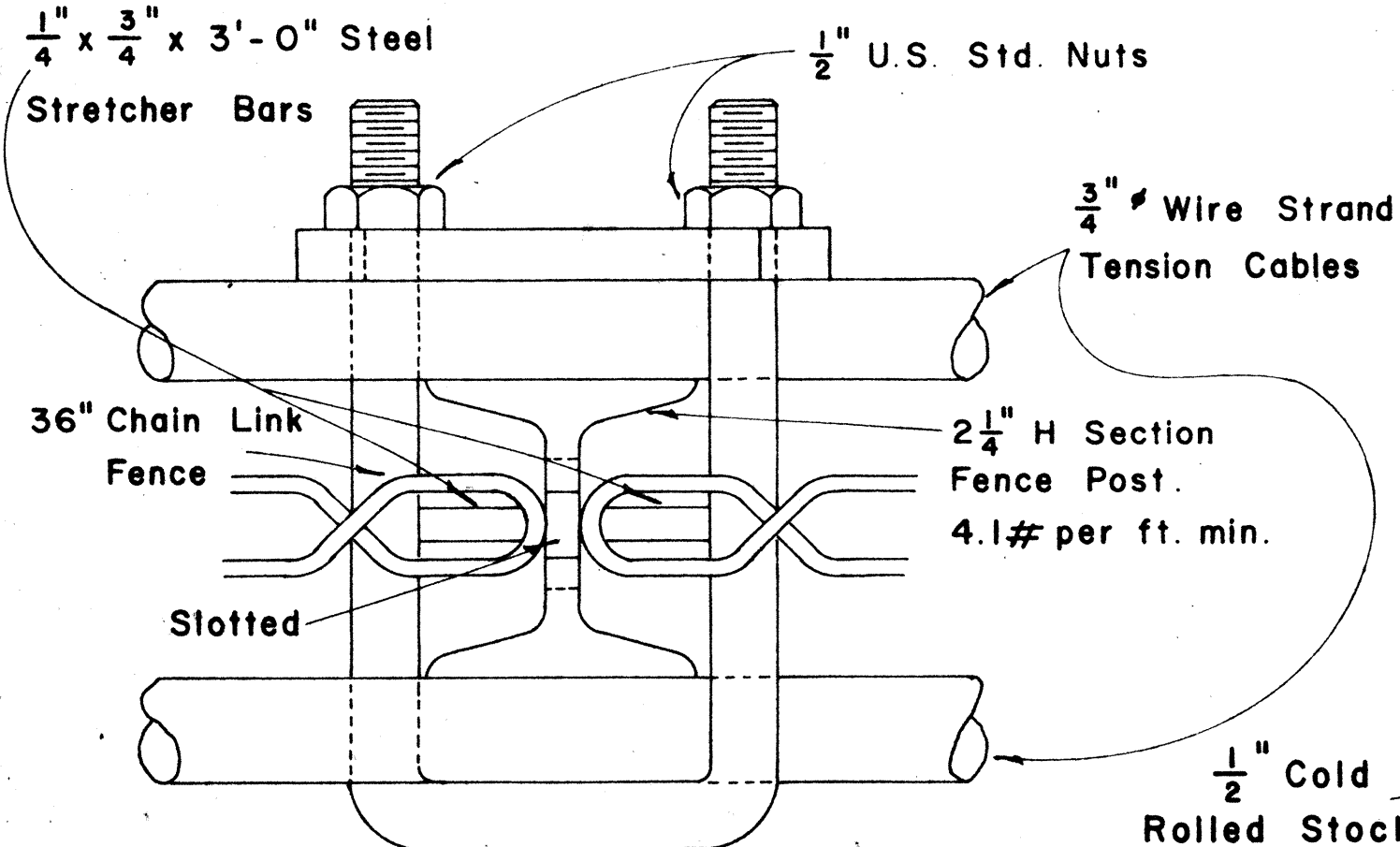
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	77-05-60	1960	6	8



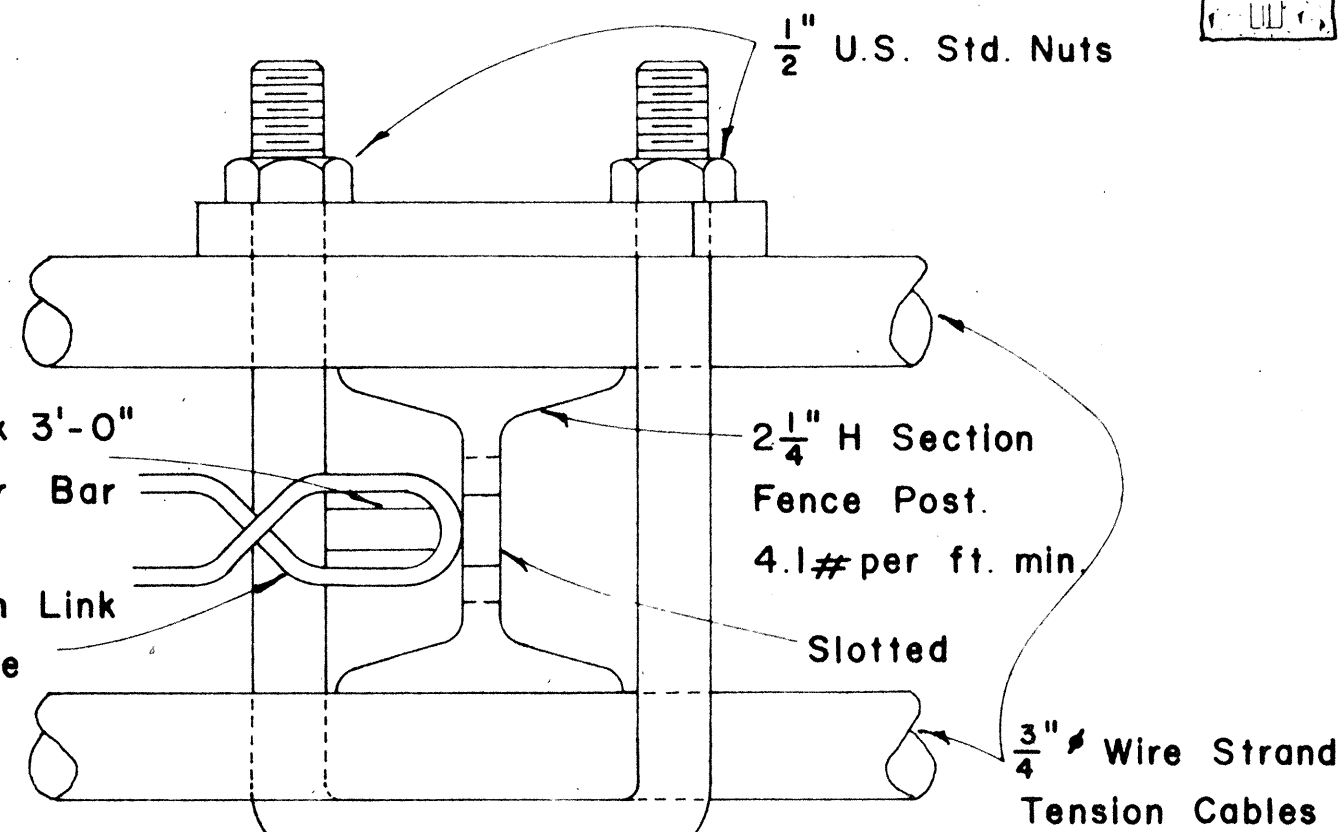
END VIEW



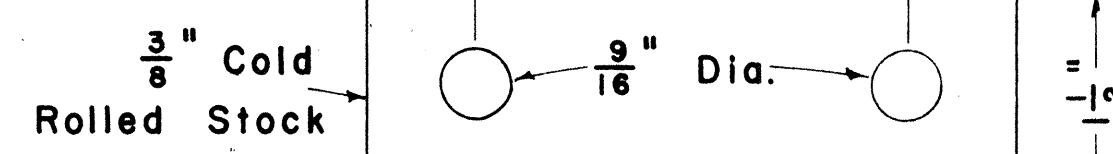
DETAIL A
LINE POST ASSEMBLY



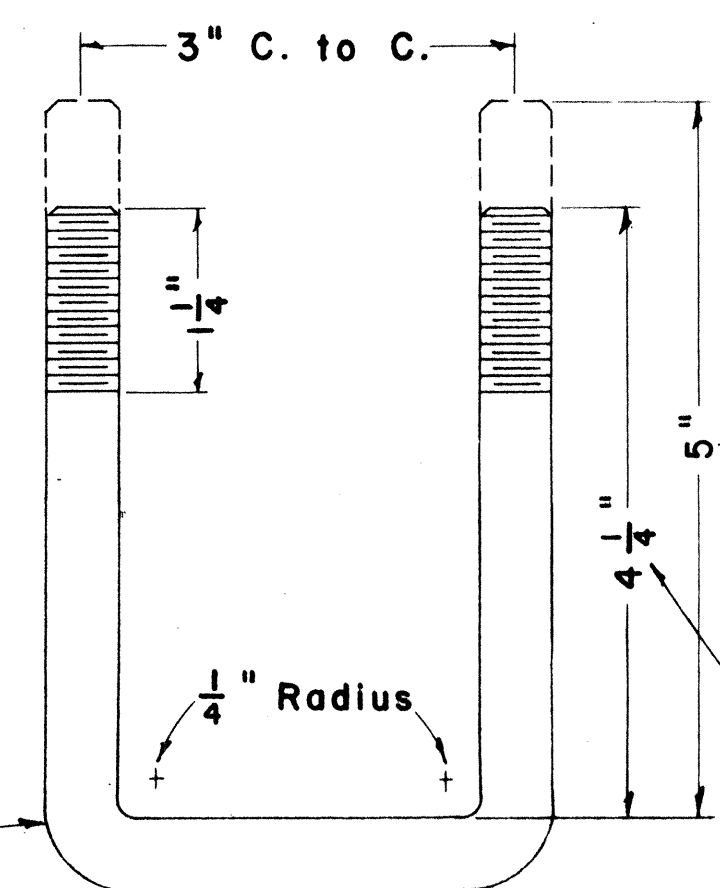
DETAIL C
CONNECTION POST ASSEMBLY



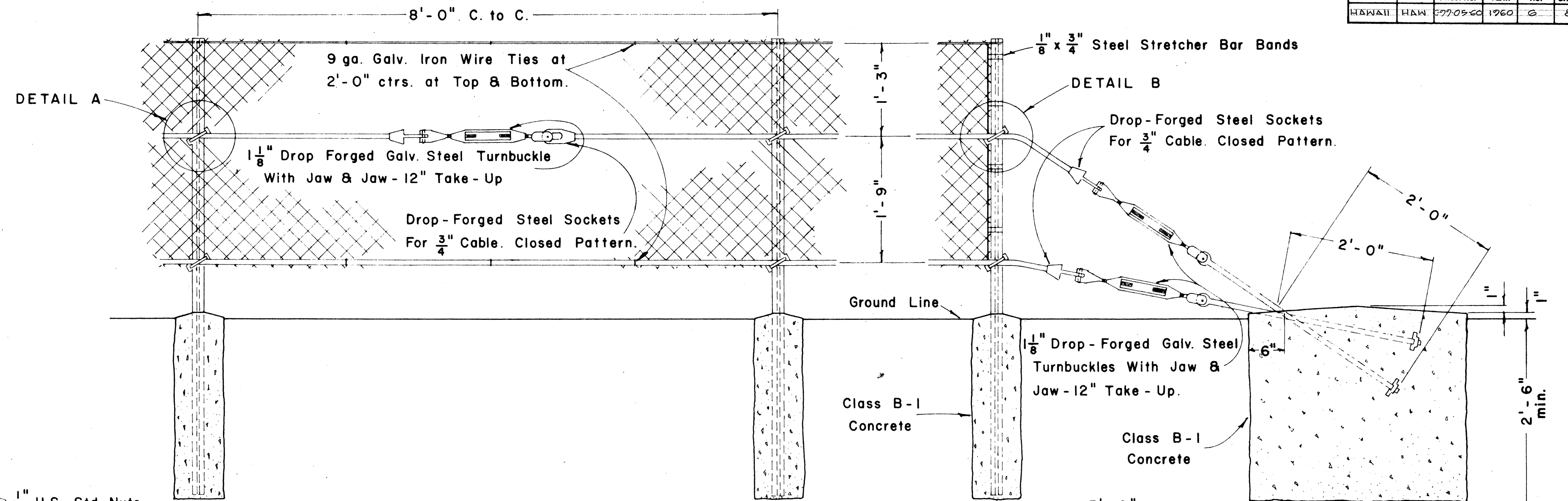
DETAIL B
END POST ASSEMBLY



BOLT PLATE



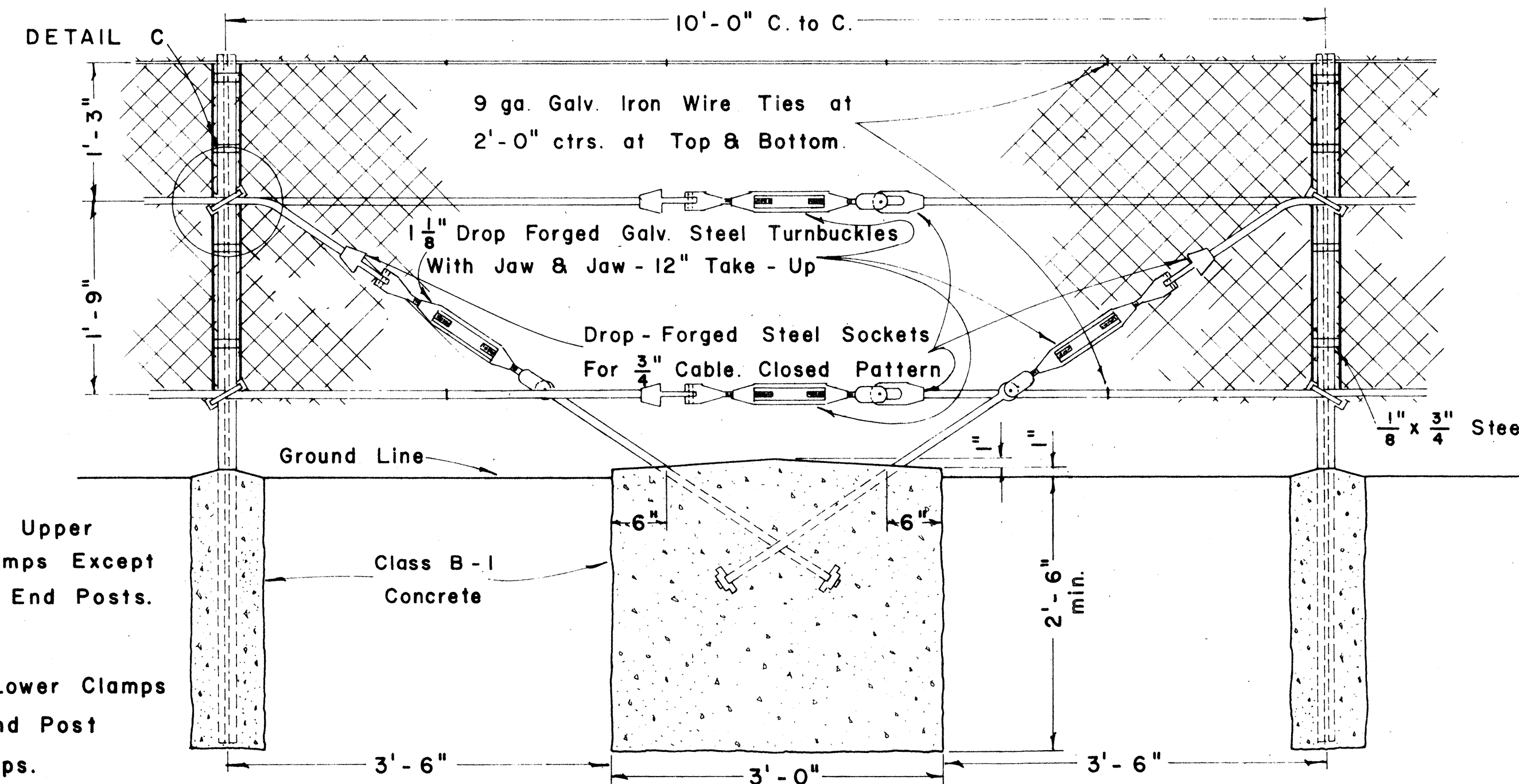
TYPICAL BOLT ASSEMBLY



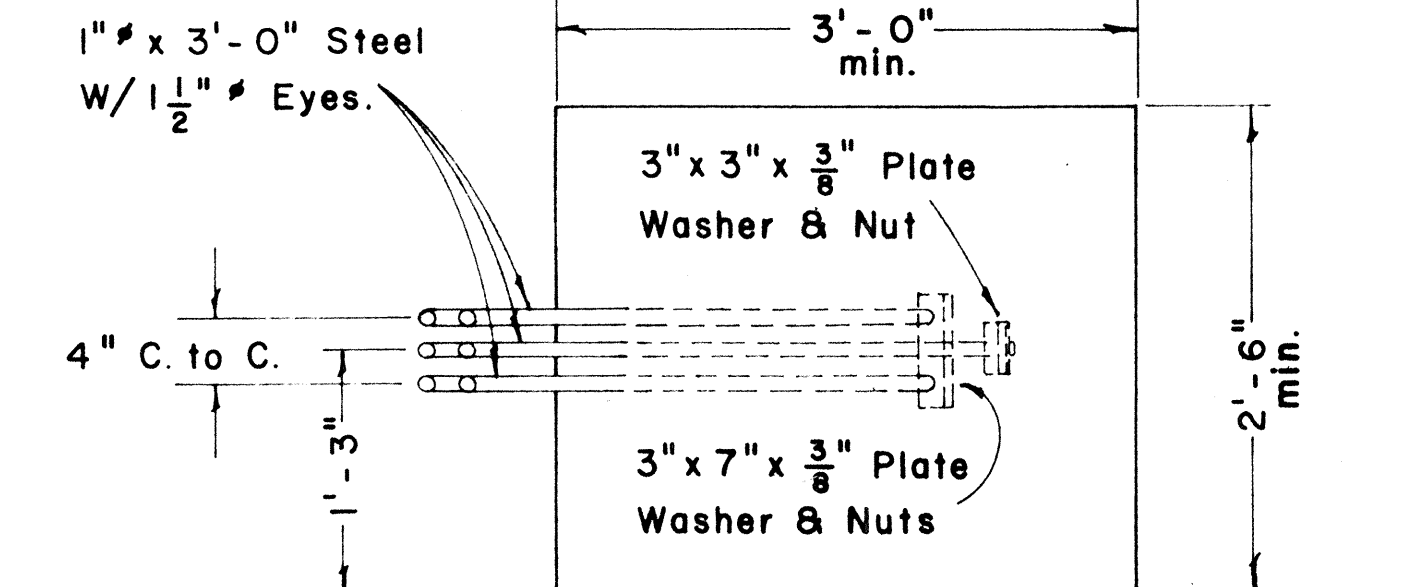
TYPICAL SECTION

GENERAL NOTES

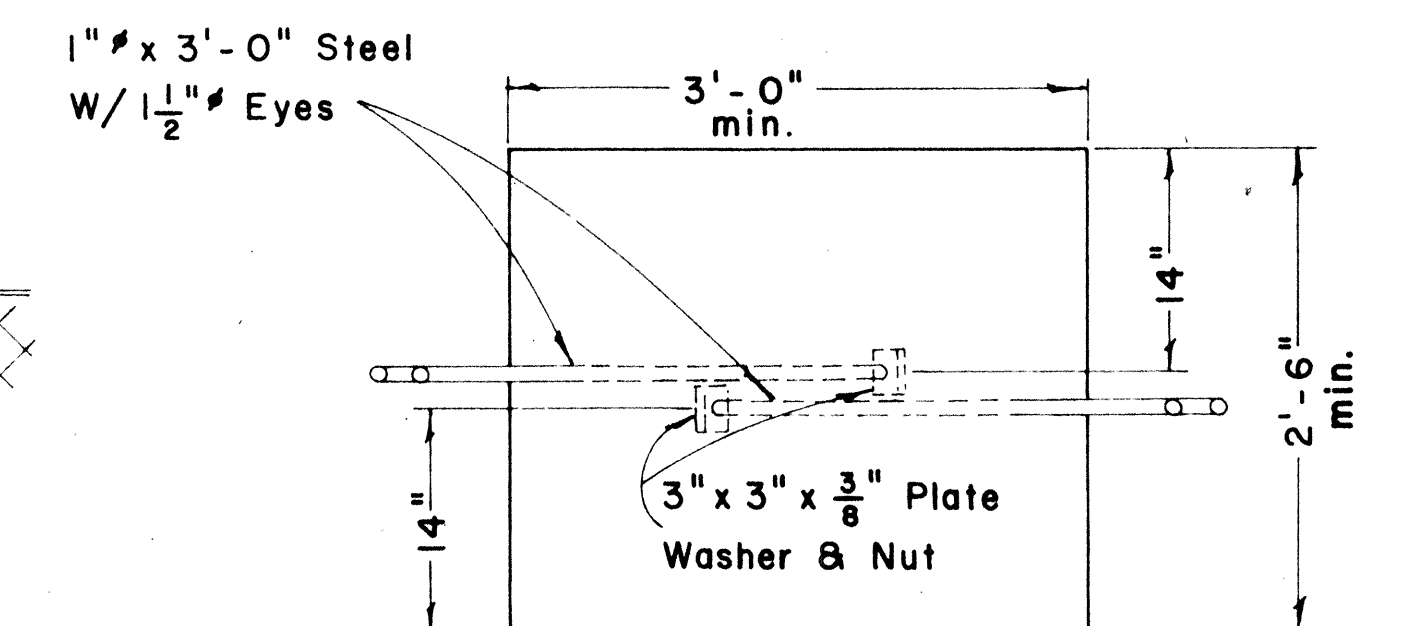
1. All details are drawn $\frac{3}{4}$ of actual size.
2. The "Typical Connection Section" is used at intermediate points along the guardrail, where sharp curves or changes of direction occur.



TYPICAL CONNECTION SECTION



TYPICAL ANCHOR BLOCK



TYPICAL CONNECTION ANCHOR BLOCK

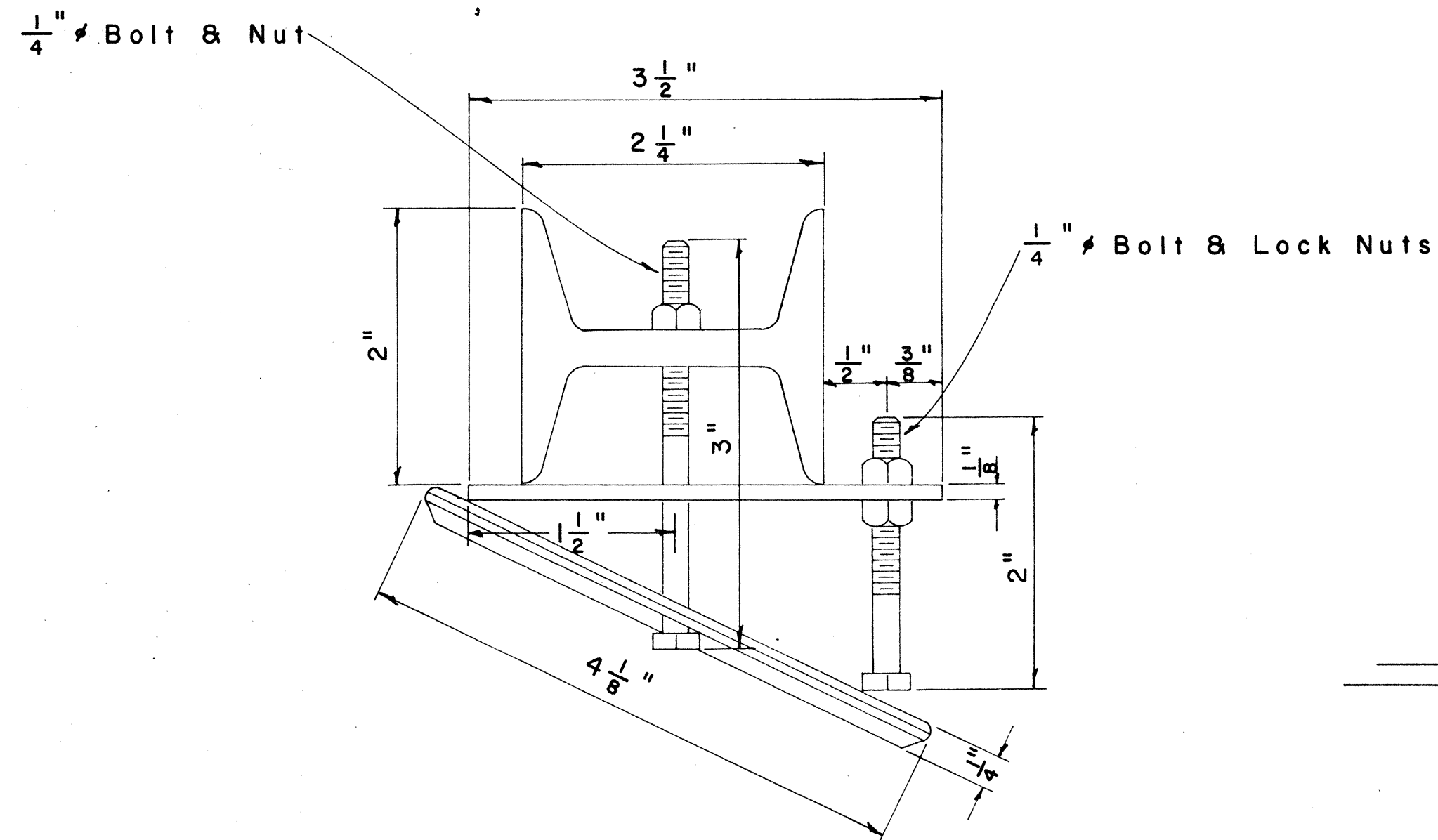
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

CABLE-CHAIN LINK BARRIER
PROJ. NO. C-99-05-60
SCALE: 1" = 1'-0"
JULY, 1960

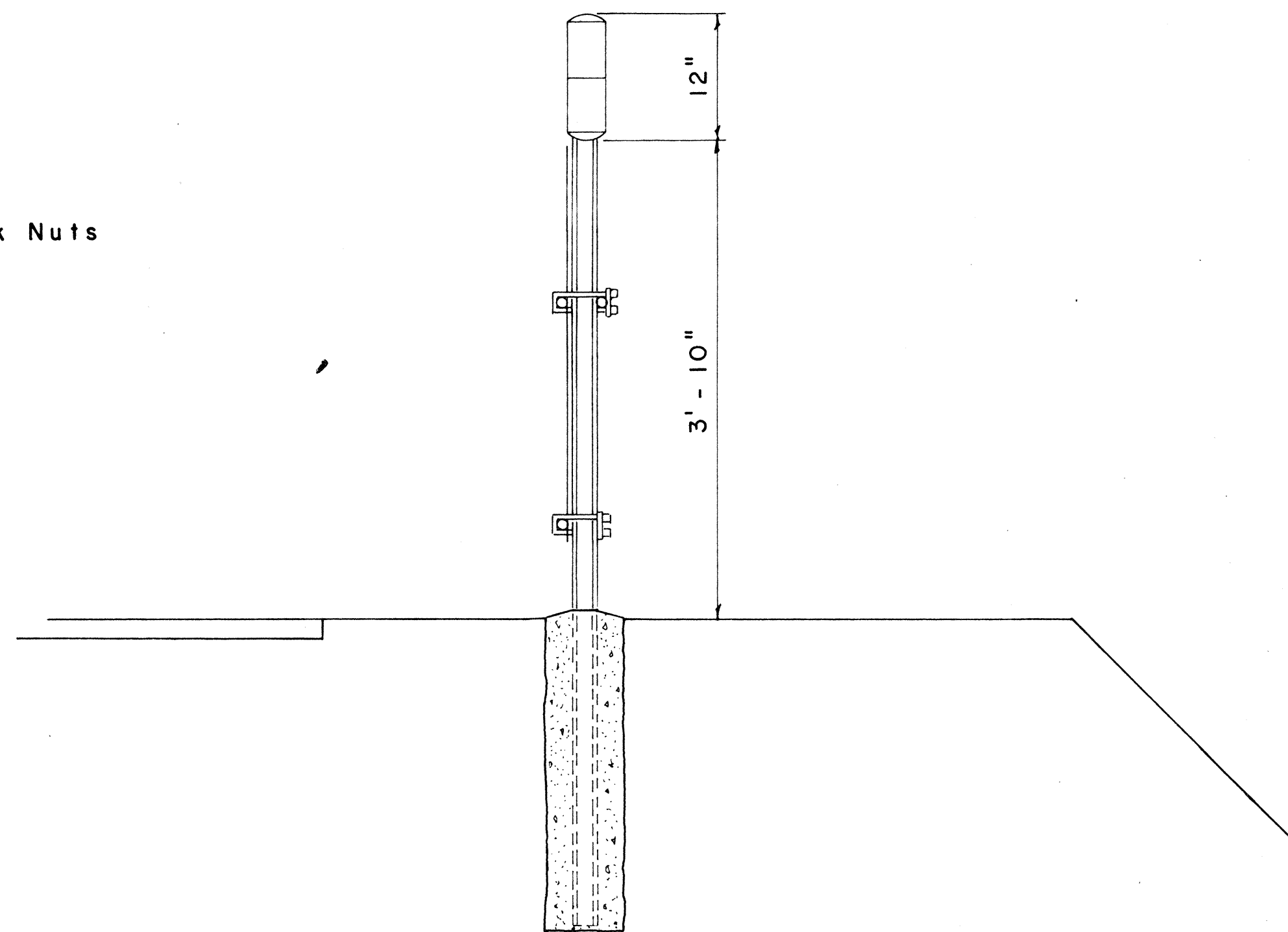
SHEET NO. 6 OF 8 SHEETS

C - 99 - 05 - 60

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	



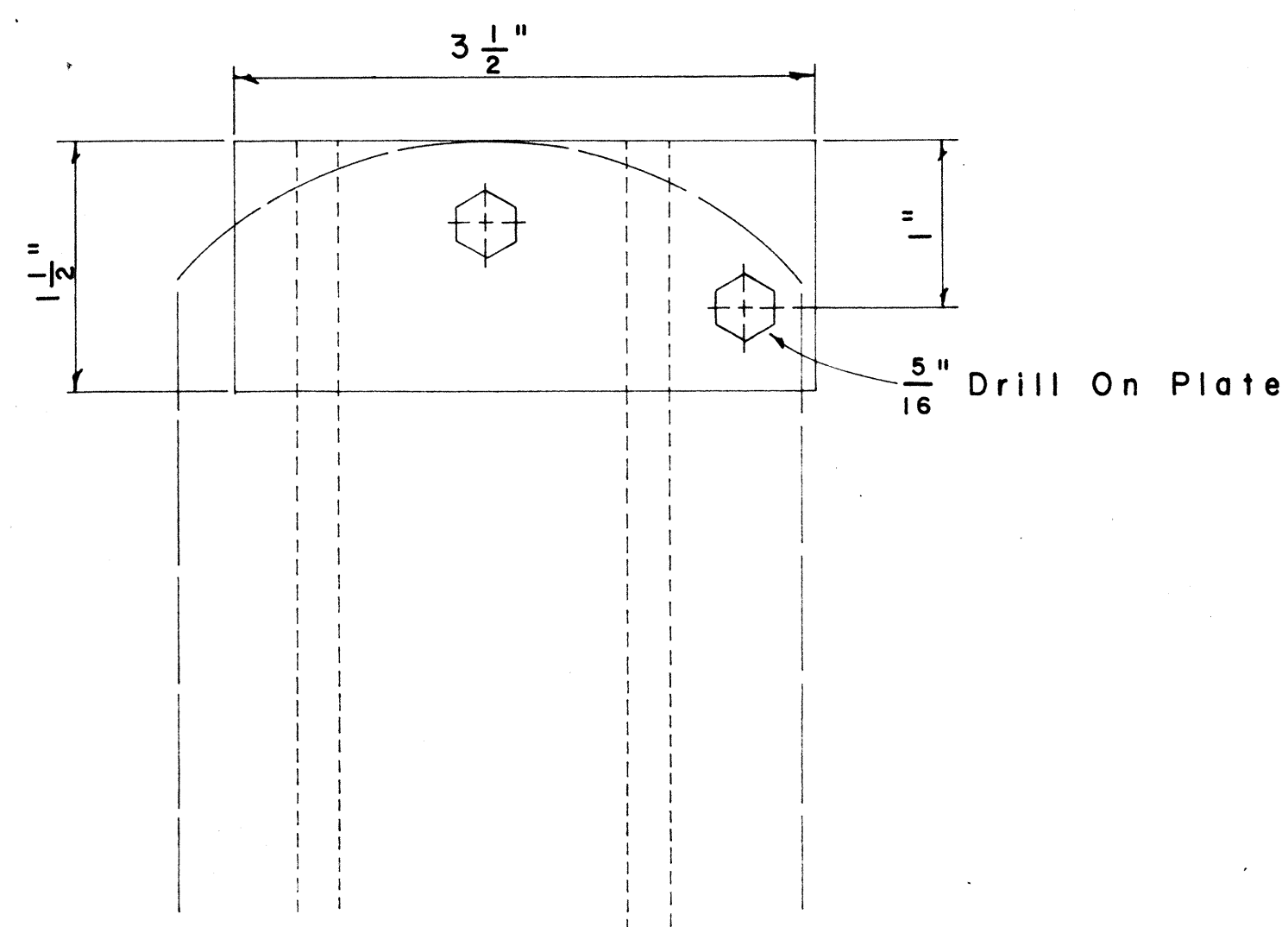
TOP VIEW
REFLECTOR MOUNTING ASSEMBLY



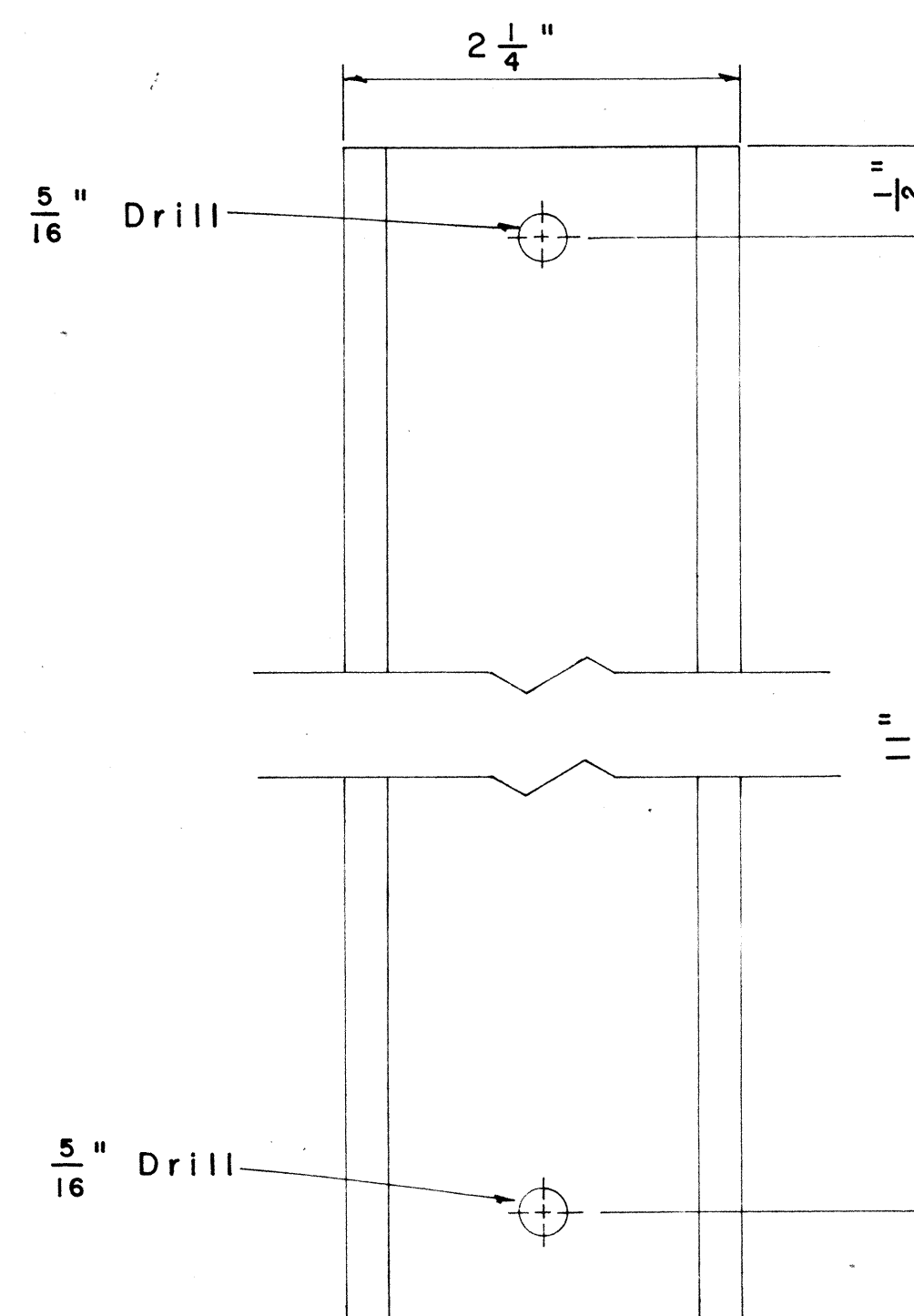
POST WITH REFLECTOR ASSEMBLY MOUNTED
SCALE: 1" = 1' - 0"

GENERAL NOTES

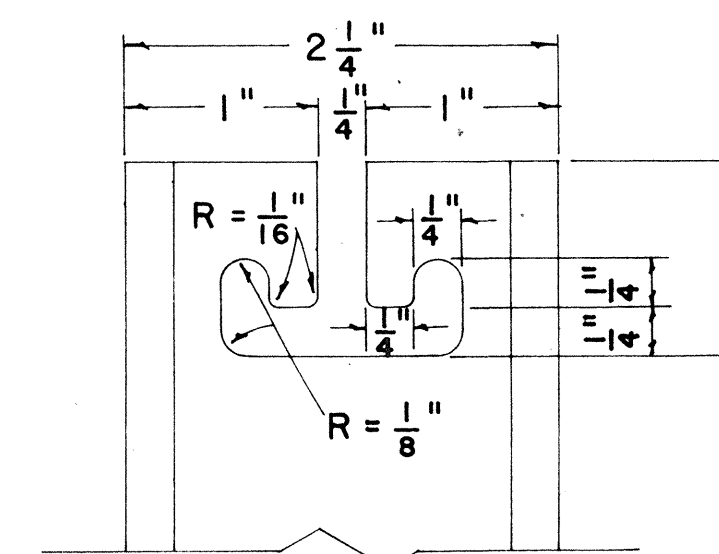
1. Reflectors shall be mounted as shown in drawing.
2. Reflectors shall be mounted on the first and the last posts of each guardrail; thereafter, a reflector is required on every fifth post (approximately 40 feet) or after every fifth section. Should there be any remaining odd sections of 2-sections (16 feet) or less, do not mount any more reflectors.
3. Each post with a mounted reflector is 12" longer with 2-5/16" holes drilled 11" on center.
4. Final adjustment of the reflectors will be done in the field during the night.
5. Except where noted, all drawings are of actual size.



FRONT VIEW
REFLECTOR MOUNTING ASSEMBLY



POST DETAIL FOR REFLECTOR MOUNTING



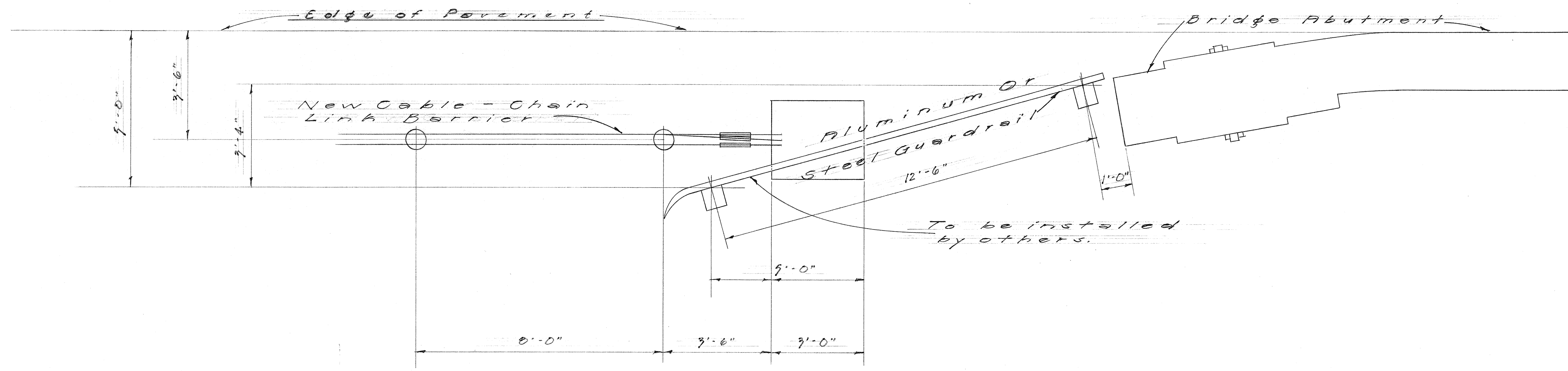
SLOT AT TOP
OF FENCE POST

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
NO.	

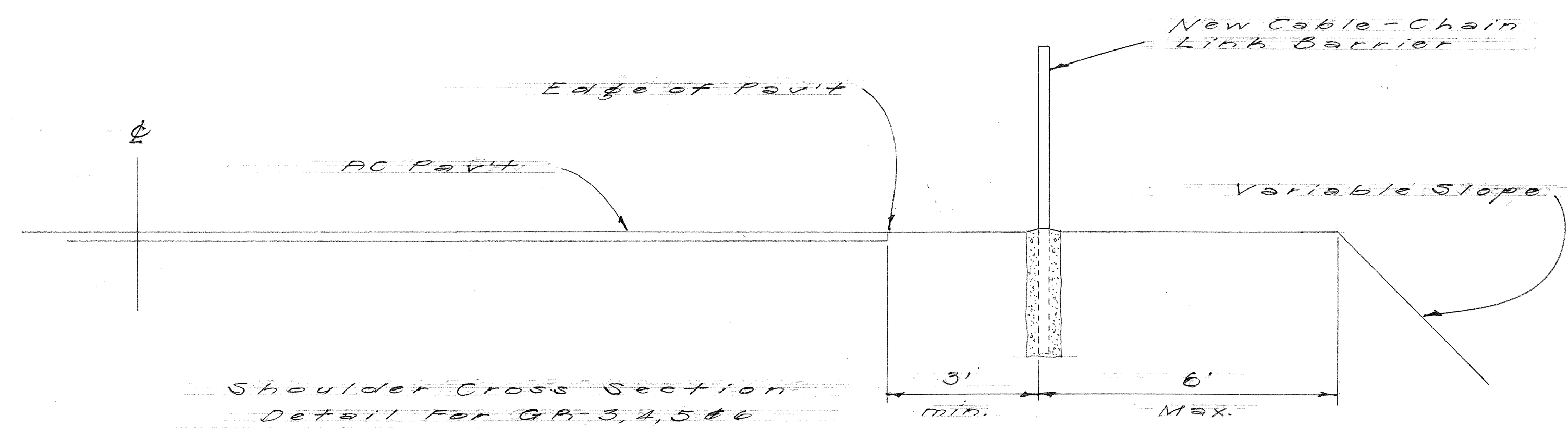
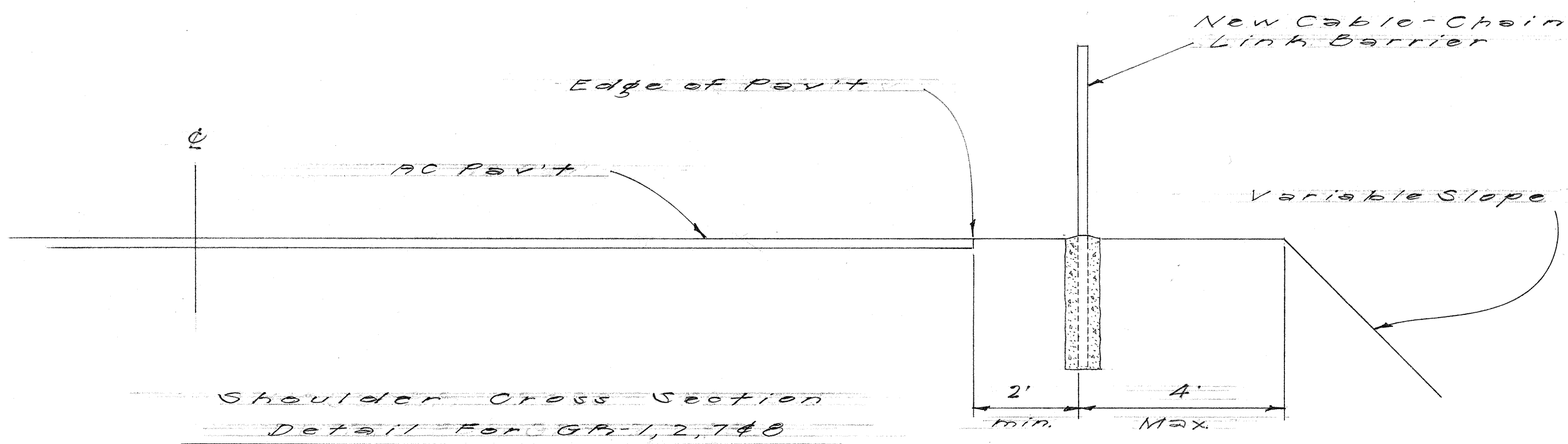
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

REFLECTOR MOUNTING FOR
CABLE - CHAIN LINK BARRIER
PROJ. NO. C-99-05-60
SCALE: AS NOTED JULY, 1960

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
11A11	HI	C-99-05-60	1960	8	8



B r i d g e T i e - I n



S h o u l d e r D e t a i l

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Bridge Tie-in
And Shoulder
Detail

Proj. No. C-99-05-60
Scale: 1/2" = 1'-0" July 1960

SURVEY PLOTTED BY	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES CHECKED BY	
NO.	