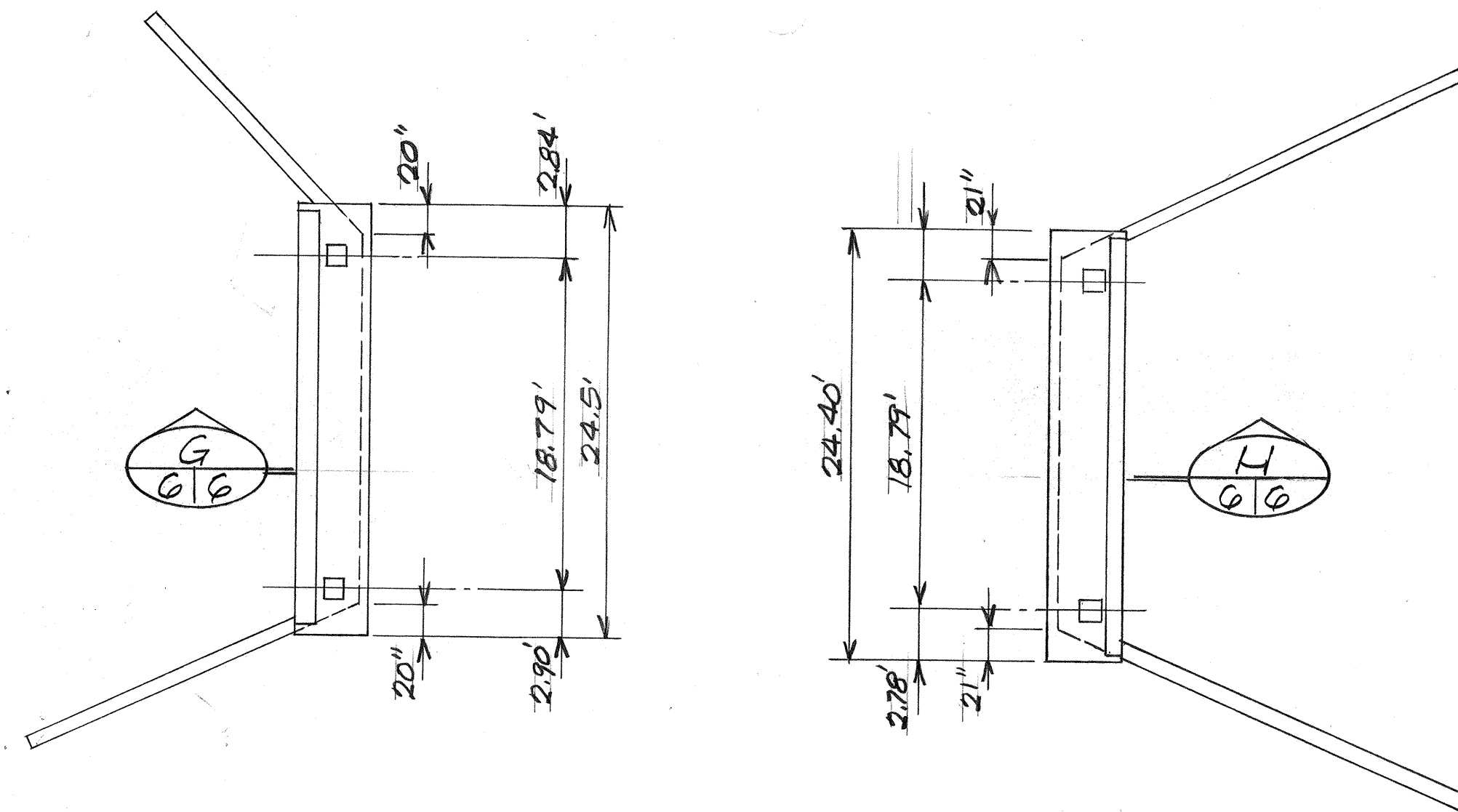
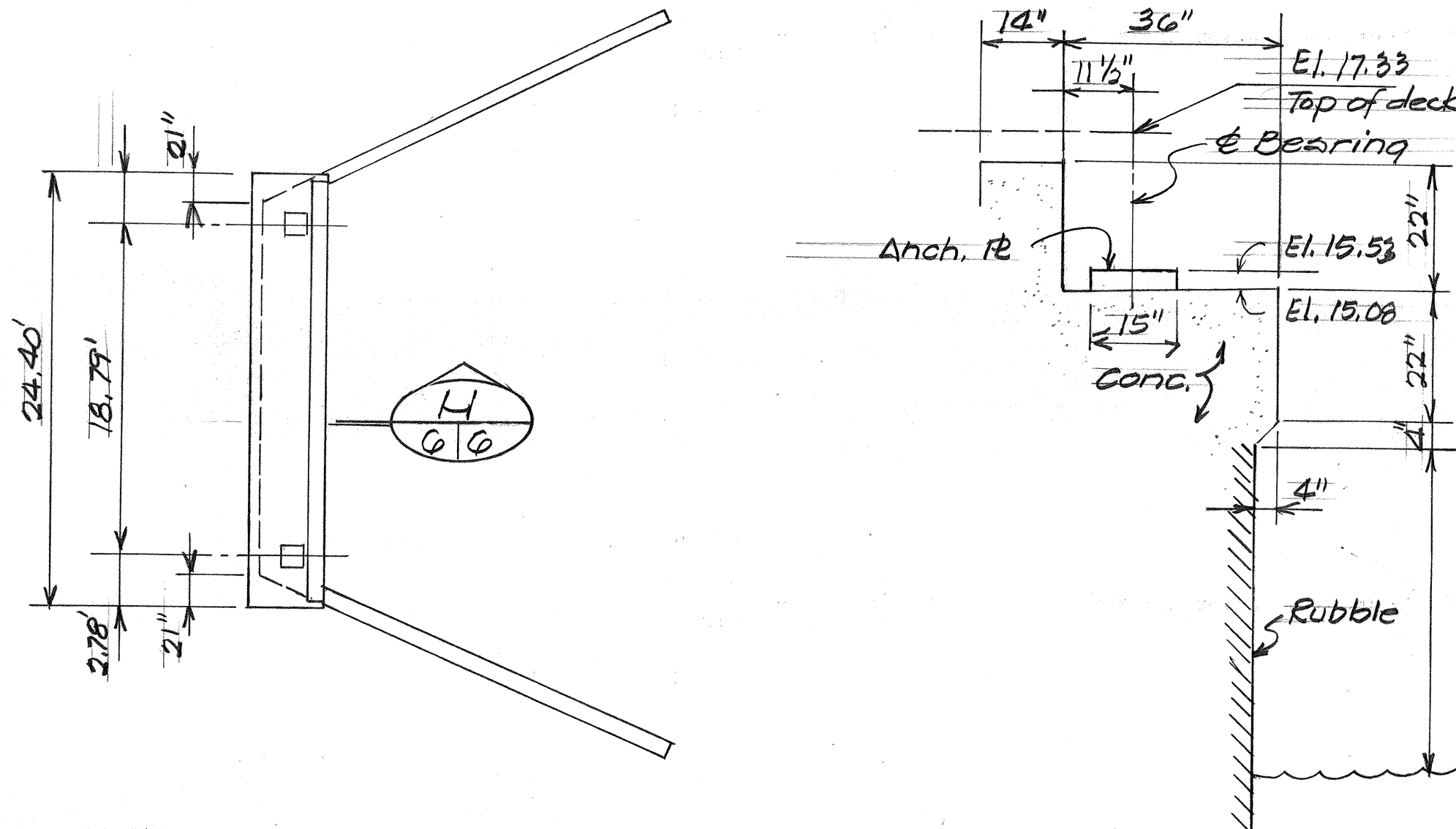


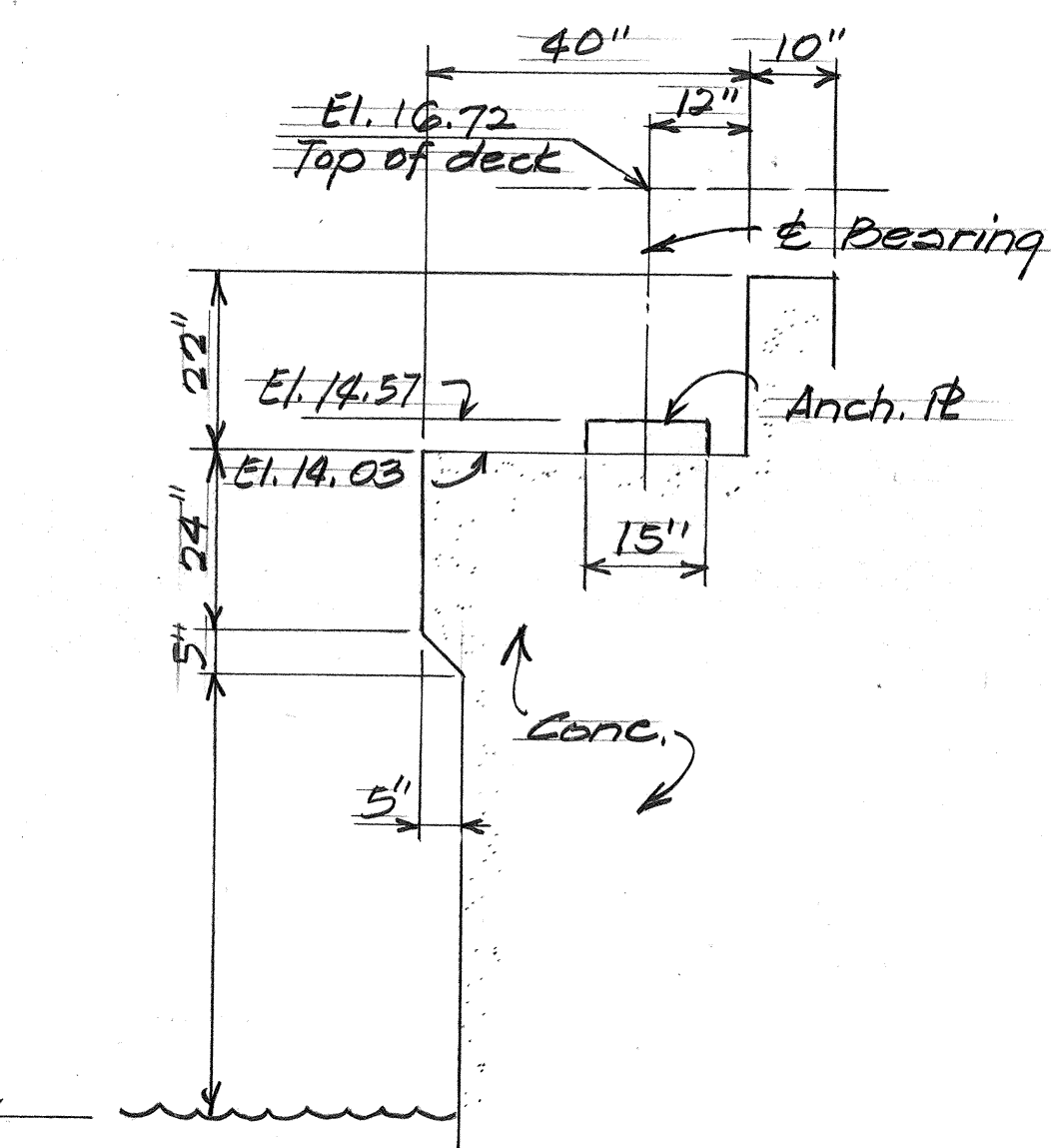
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-81M	1981	7	21



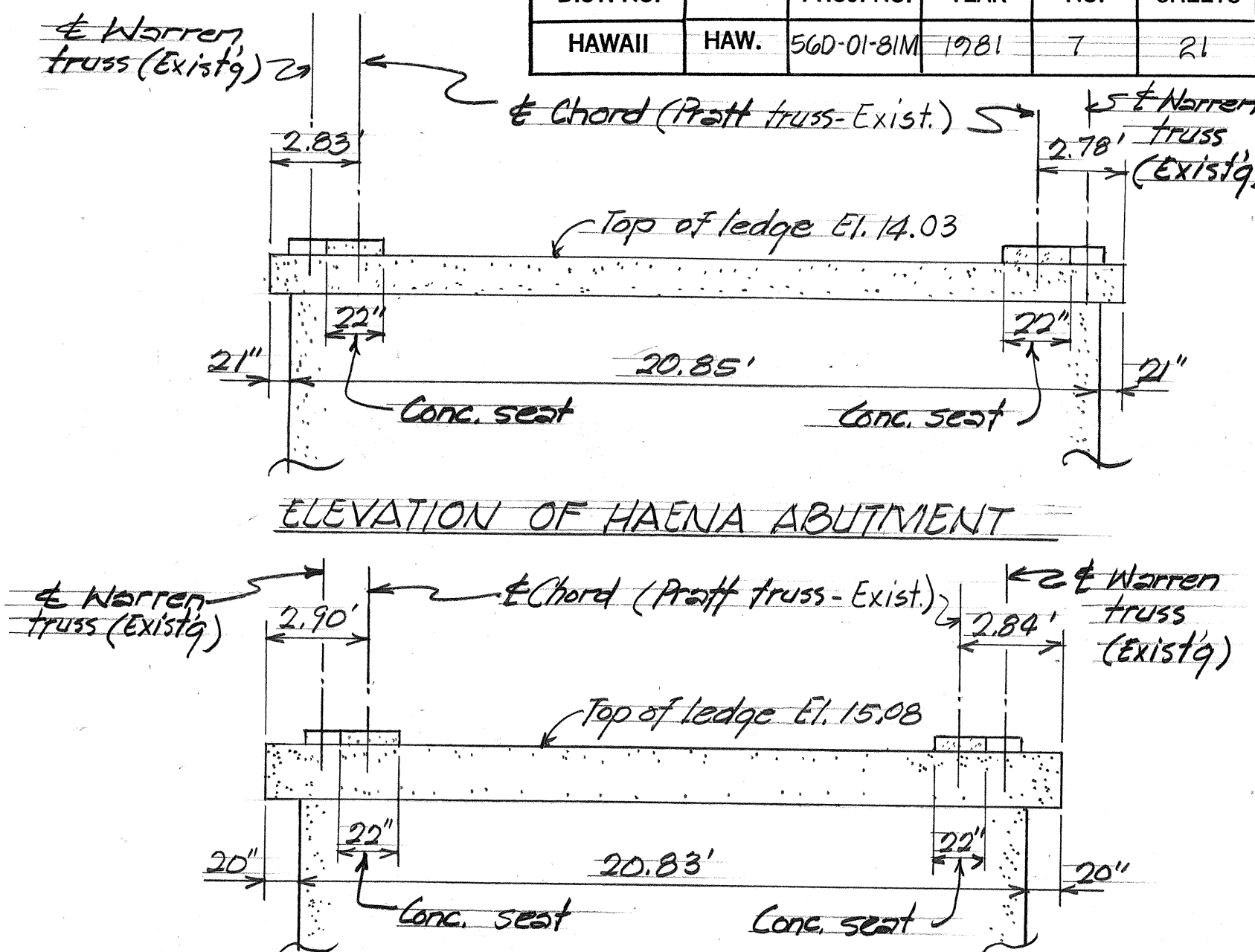
LIHUE ABUTMENT
PLAN OF ABUTMENT



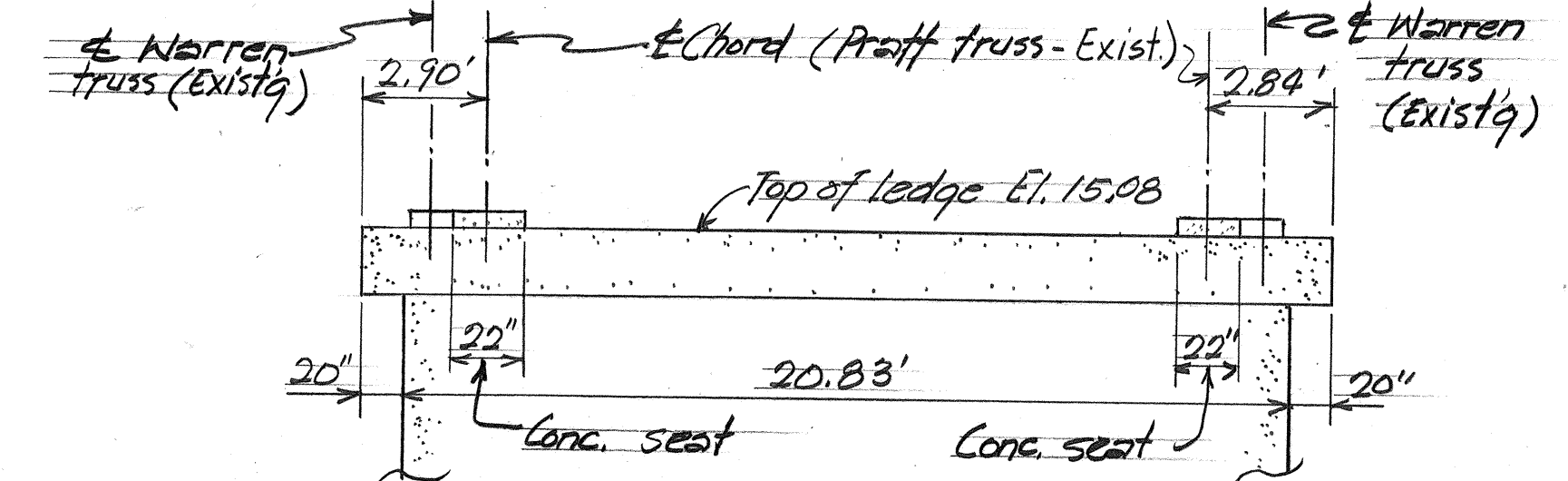
SECTION THRU LIHUE ABUTMENT



SECTION THRU HAENA ABUTMENT



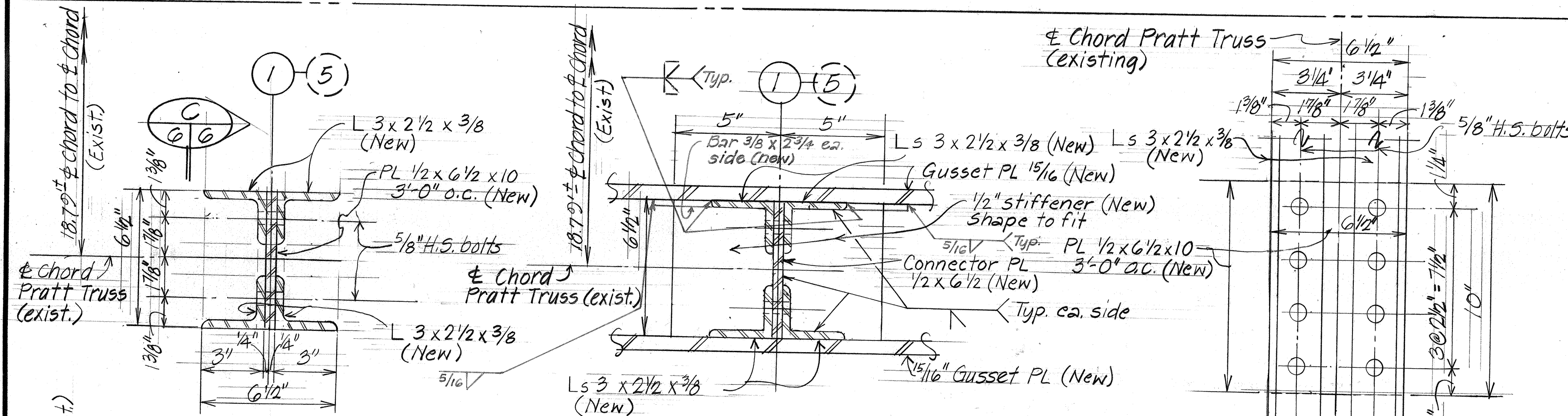
ELEVATION OF HAENA ABUTMENT



ELEVATION OF LIHUE ABUTMENT

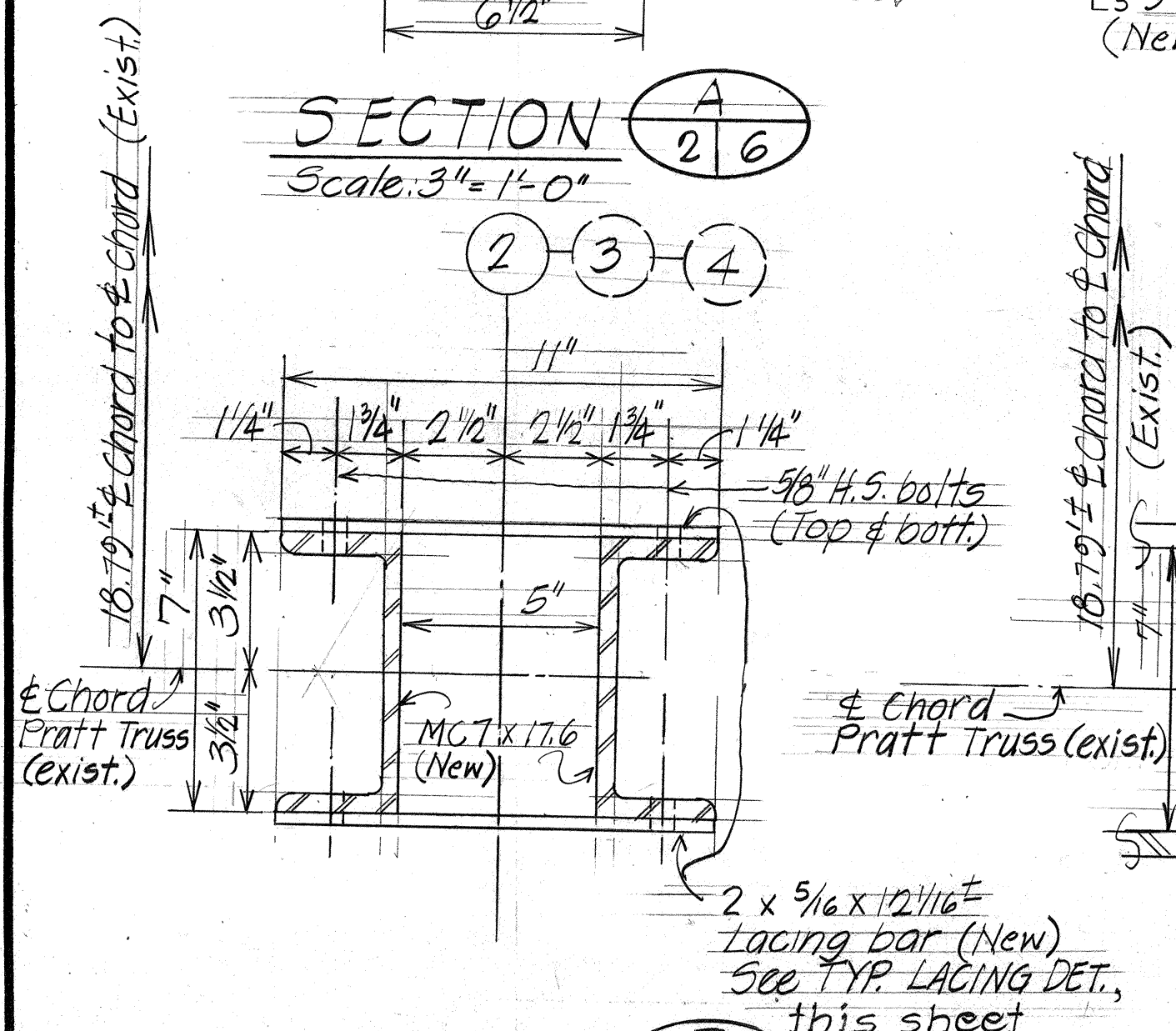
EXISTING ABUTMENT DETAILS

No Scale

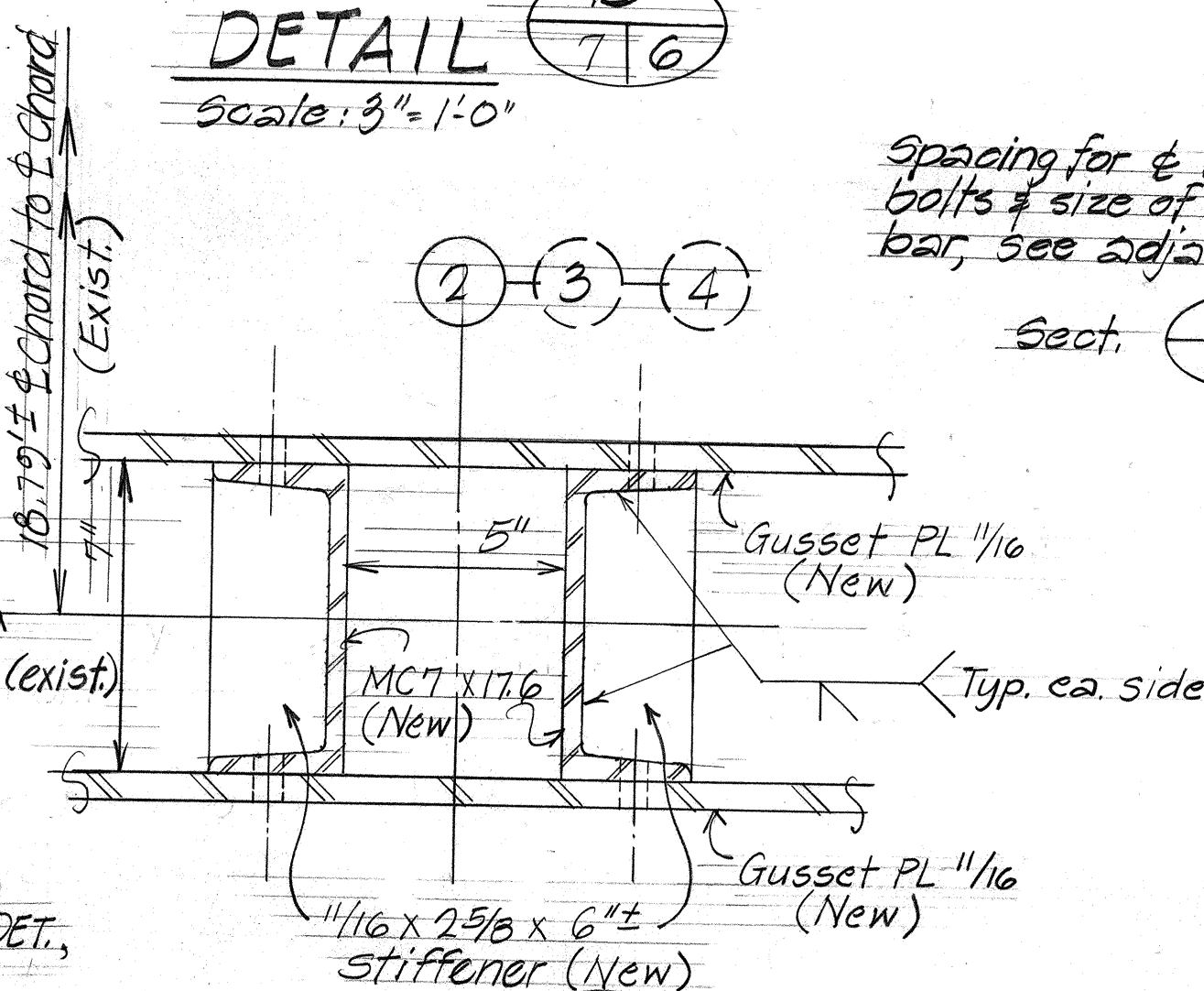


SECTION A/G
Scale: 3" = 1'-0"

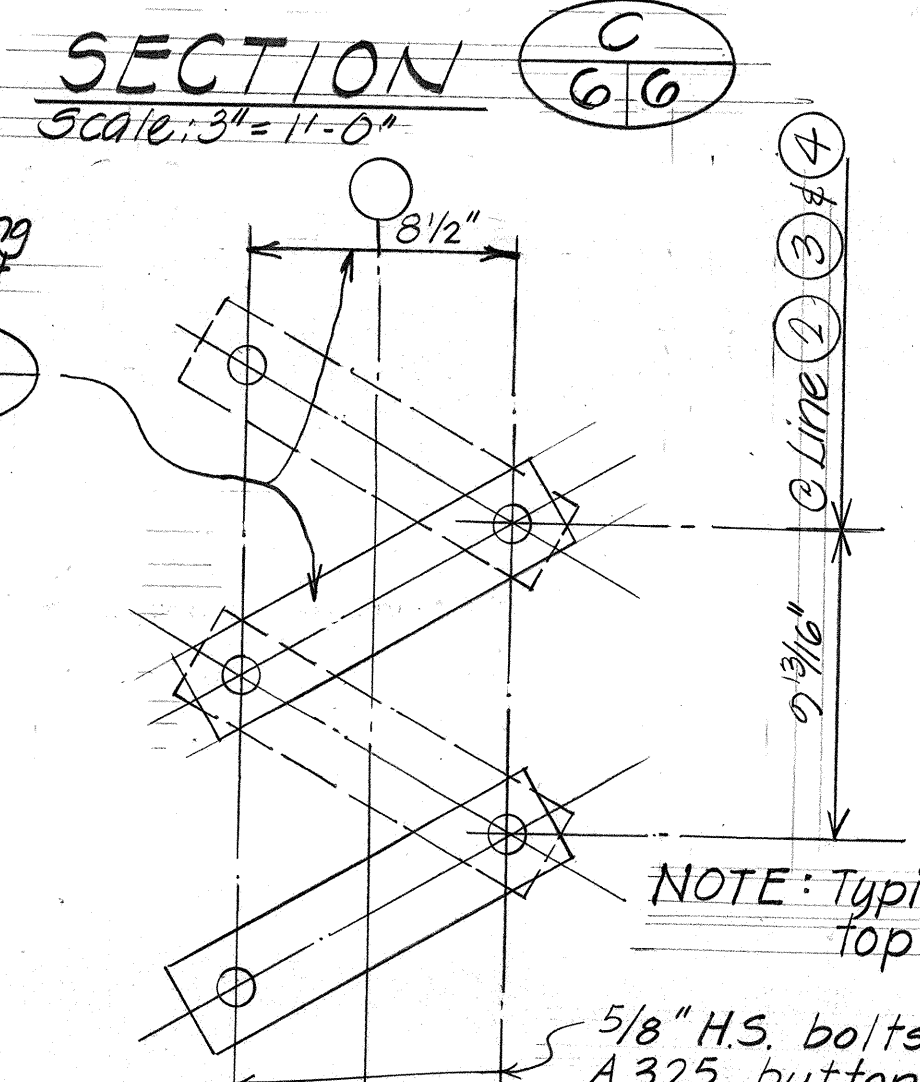
DETAIL D/G
Scale: 3" = 1'-0"



SECTION B/G
Scale: 3" = 1'-0"

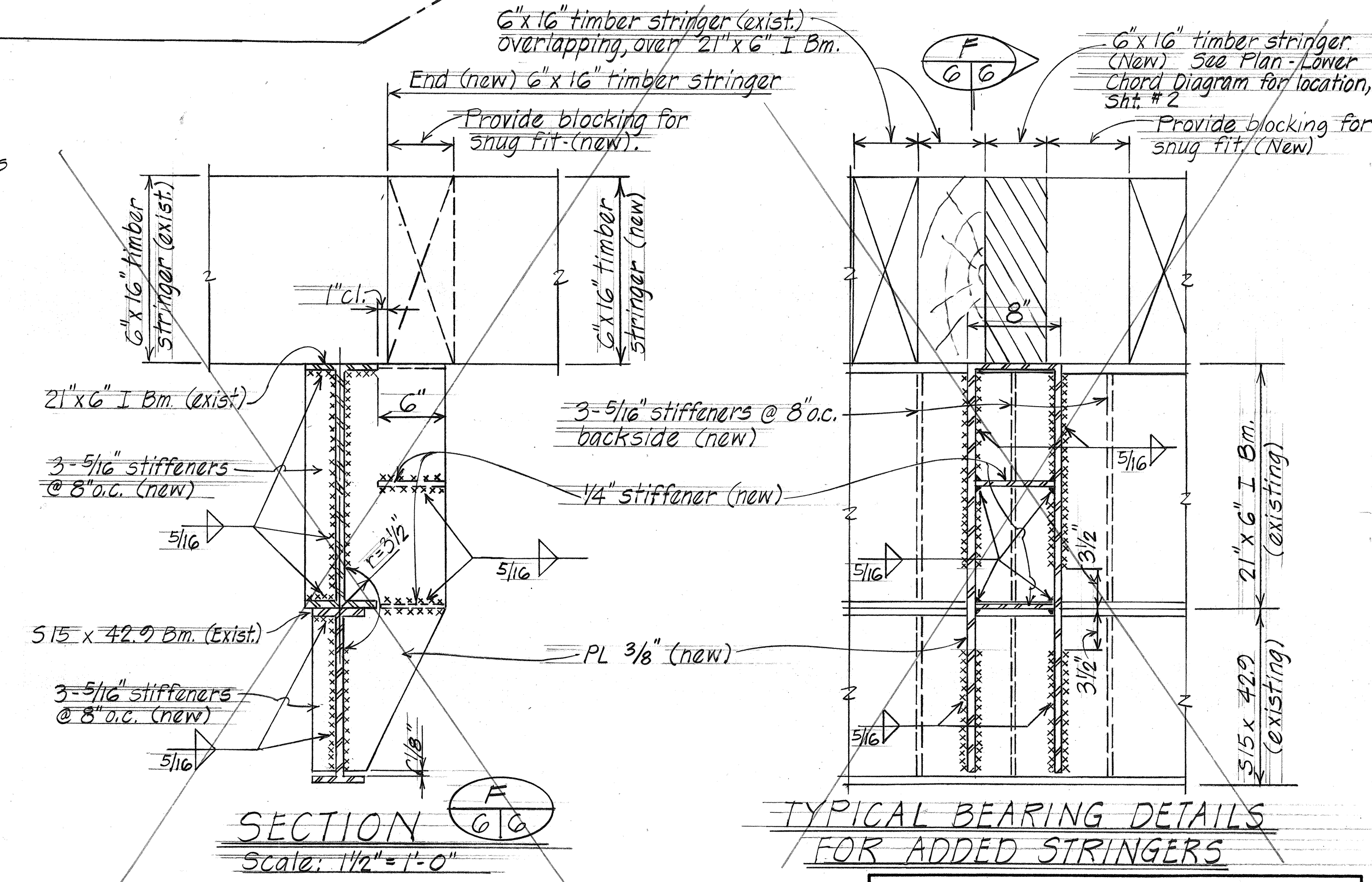


DETAIL E/G
TYPICAL STIFFENER DETAIL
Scale: 3" = 1'-0"



SECTION C/G
Scale: 3" = 1'-0"

DETAIL F/G
TYP. LACING DETAIL
No Scale



SECTION D/G
Scale: 1 1/2" = 1'-0"

SECTION E/G
TYPICAL BEARING DETAILS FOR ADDED STRINGERS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KUHIO HIGHWAY

REPAIRS TO HANAIEI BRIDGE

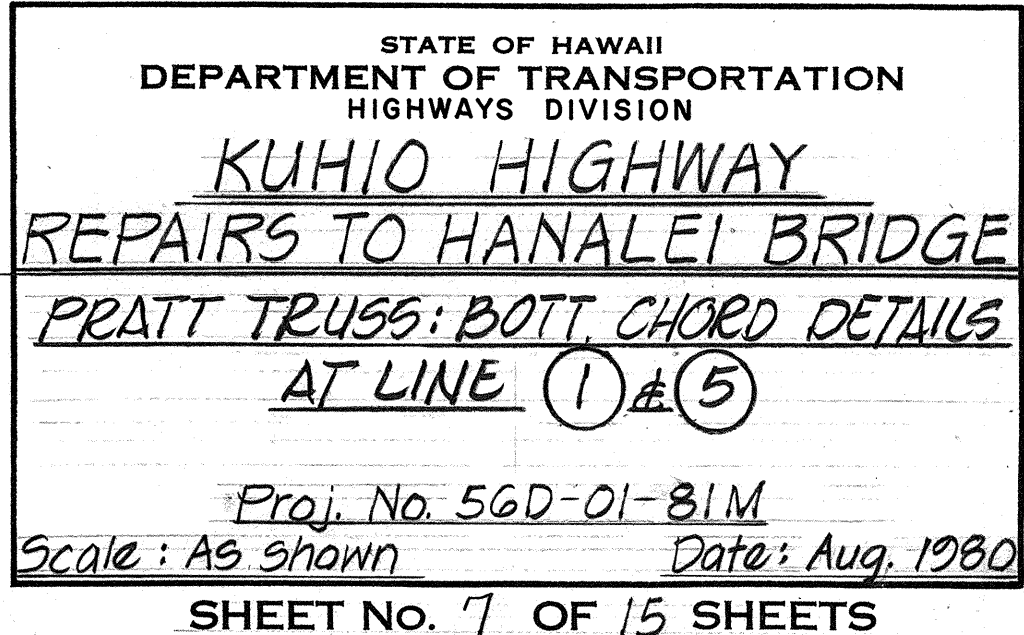
PRATT TRUSS: TYP. SECTION, TYP.
ADDED STRINGER BEARING DETAILS
AND EXISTING ABUTMENT DETAILS

Proj. No. 56D-01-81M
Scale: As shown Date: Aug 1980

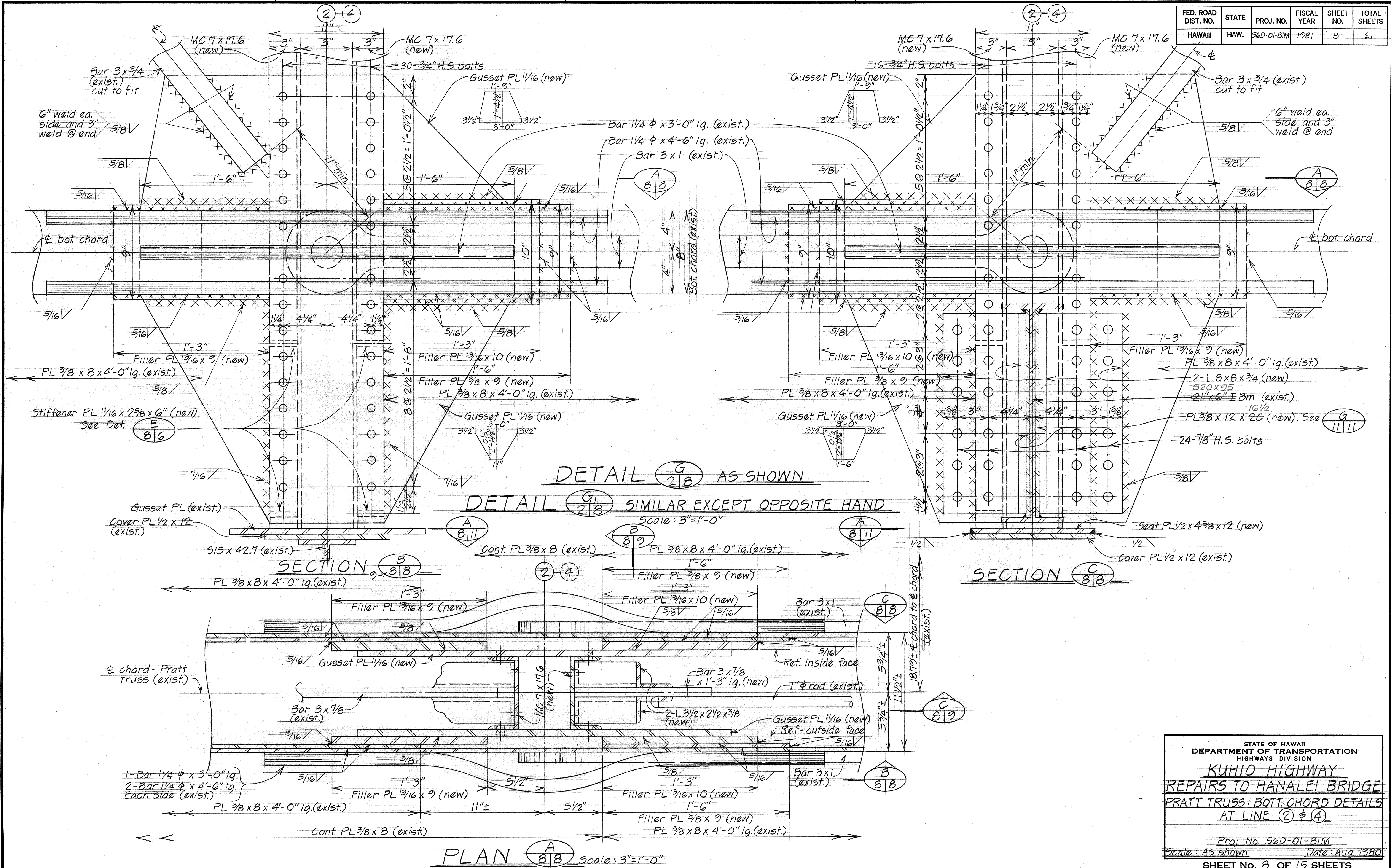
SHEET No. 6 OF 15 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	Aug 80
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY <i>L.M.</i>	<i>Aug. 80</i>
	TRACED BY	"
	DESIGNED BY <i>D.C.O.</i>	"
NOTE BOOK	QUANTITIES BY <i>D.C.O.</i>	"
No.	CHECKED BY <i>D.C.O. & S.A.</i>	"



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-81M	1981	9	21



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

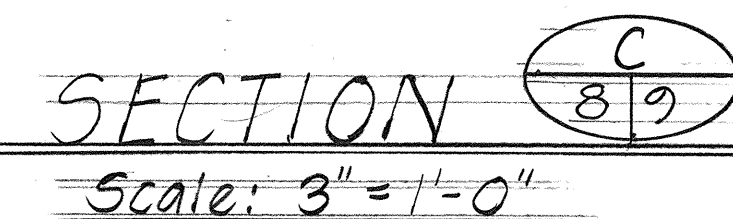
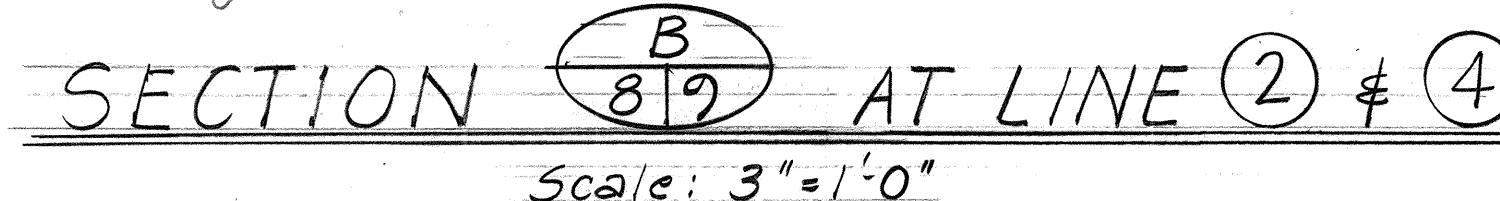
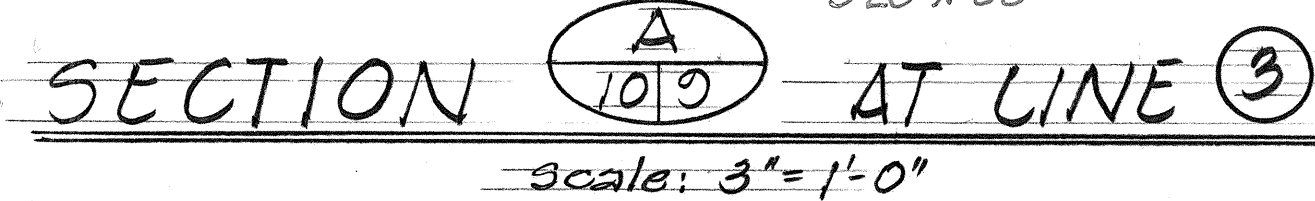
KUHIO HIGHWAY
REPAIRS TO HANALEI BRIDGE
PRATT TRUSS: BOTT. CHORD DETAILS
AT LINE 2 & 4

Proj. No. 56D-01-81M
Scale: As shown Date: Aug. 1980

SHEET No. 8 OF 15 SHEETS

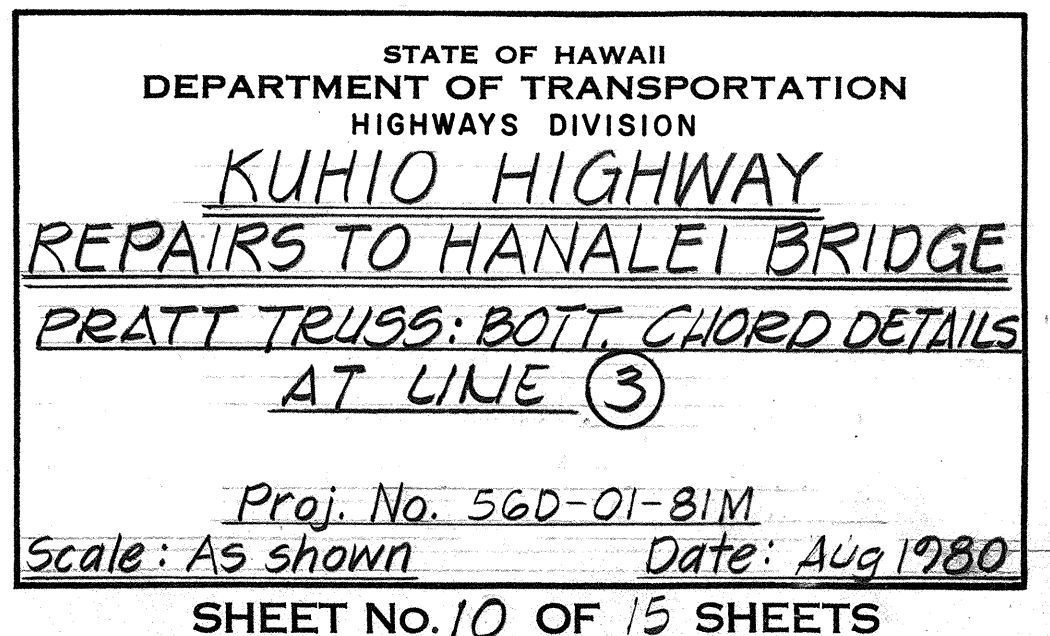
ORIGINAL PLAN
DATE: Aug. 1980
DRAWN BY: G. L.
TRACED BY: J. C. O.
DESIGNED BY: J. C. O.
CHECKED BY: J. C. O.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY <u>N.Y., L. M. A.</u>	<u>Aug. 1980</u>
	TRACED BY	"
	DESIGNED BY <u>D.C.O.</u>	"
	QUANTITIES BY <u>D.C.O.</u>	"
No. _____	CHECKED BY <u>D.C.O. & S.A.</u>	"

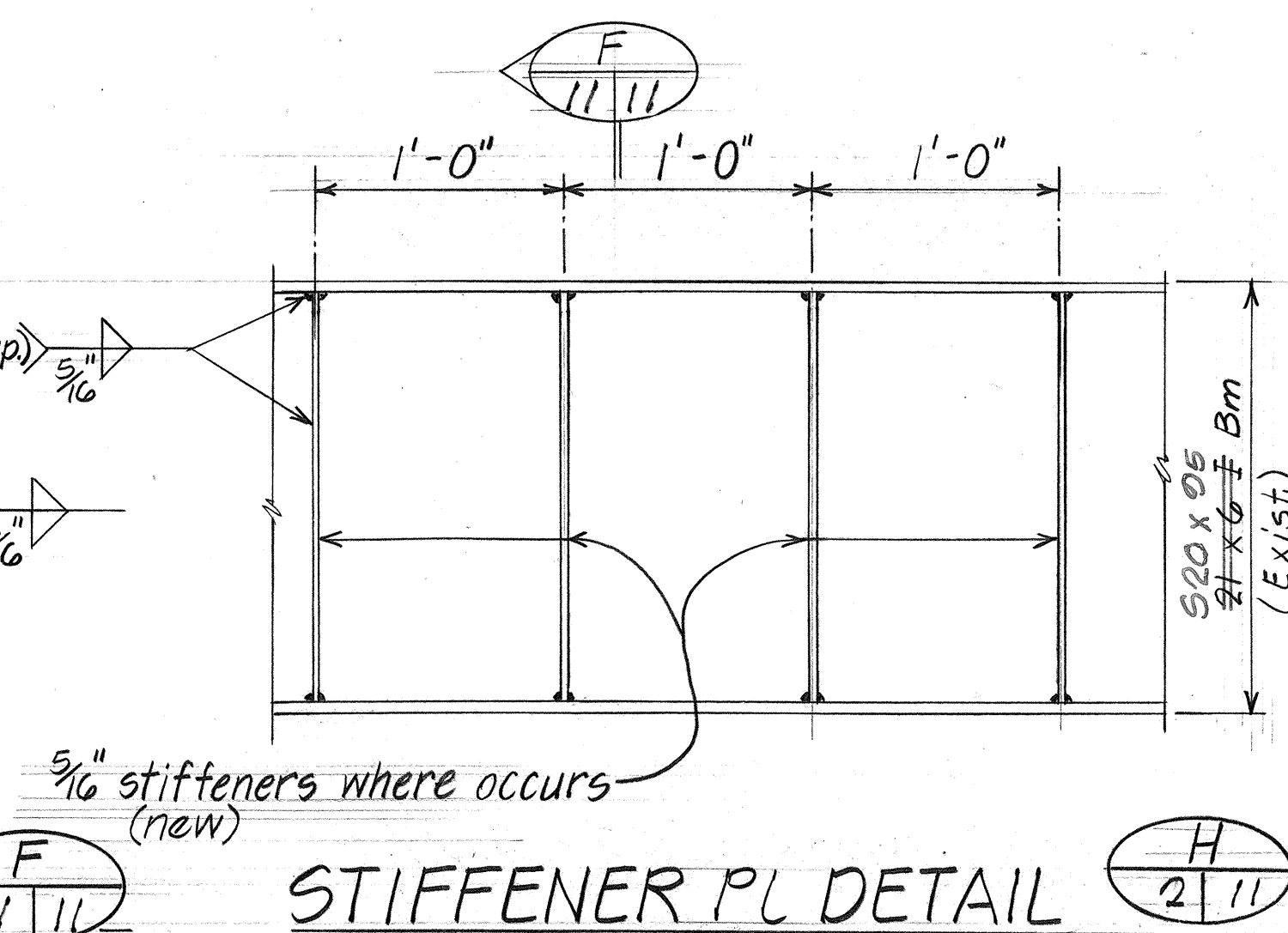
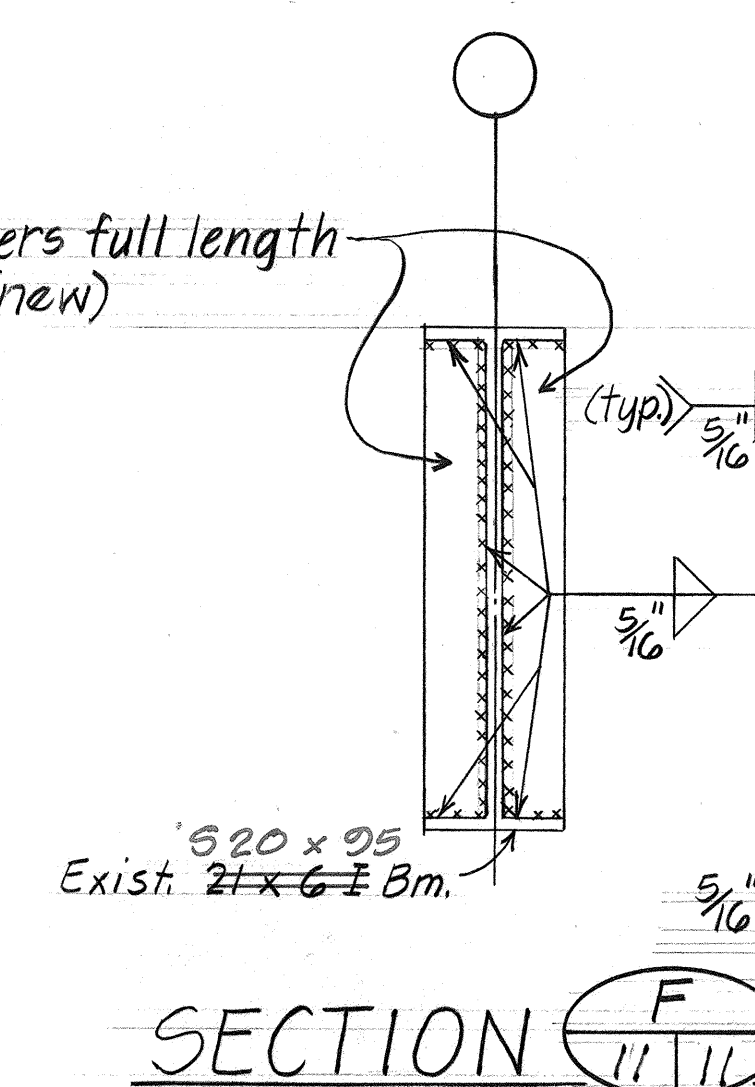
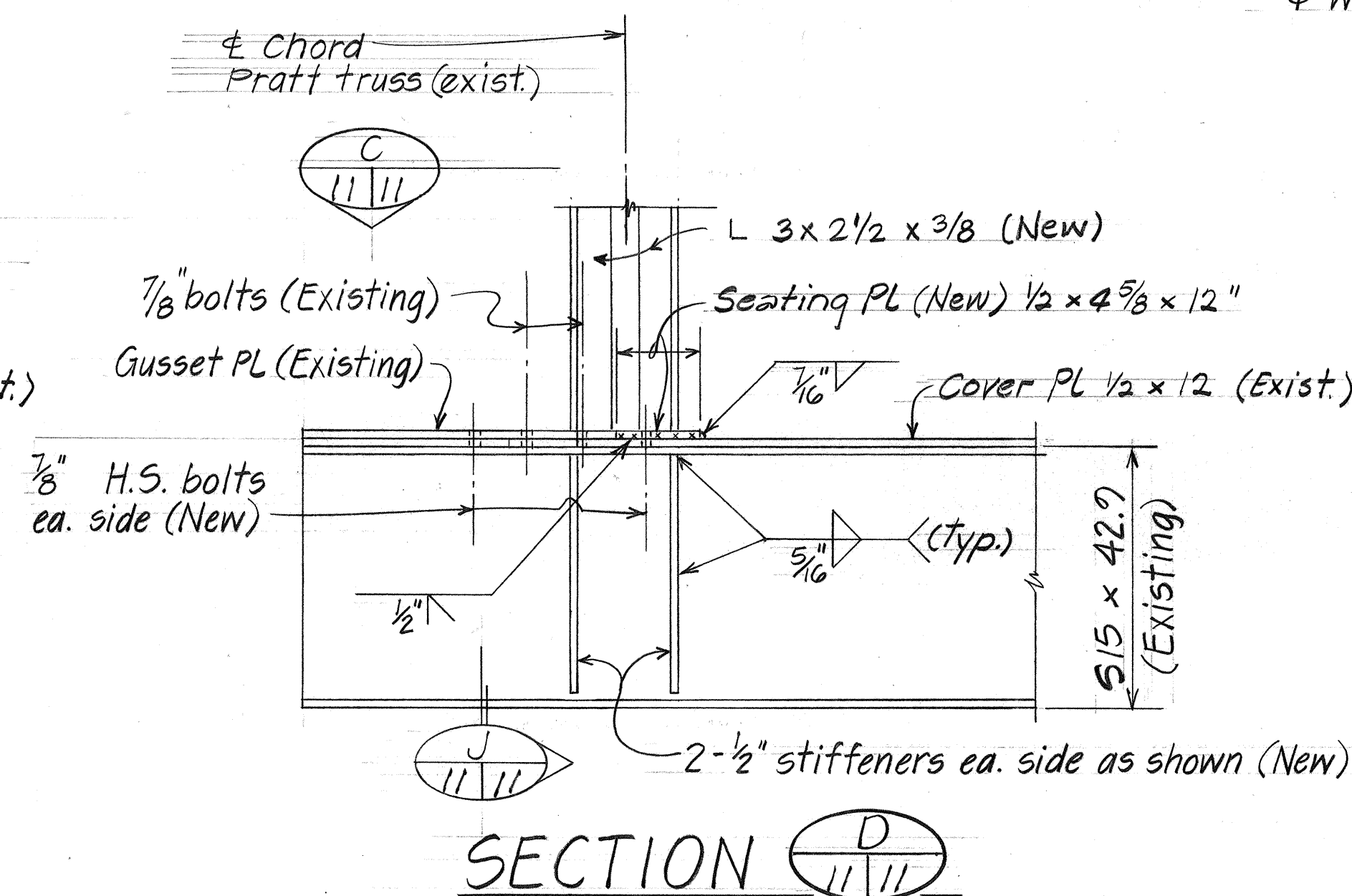
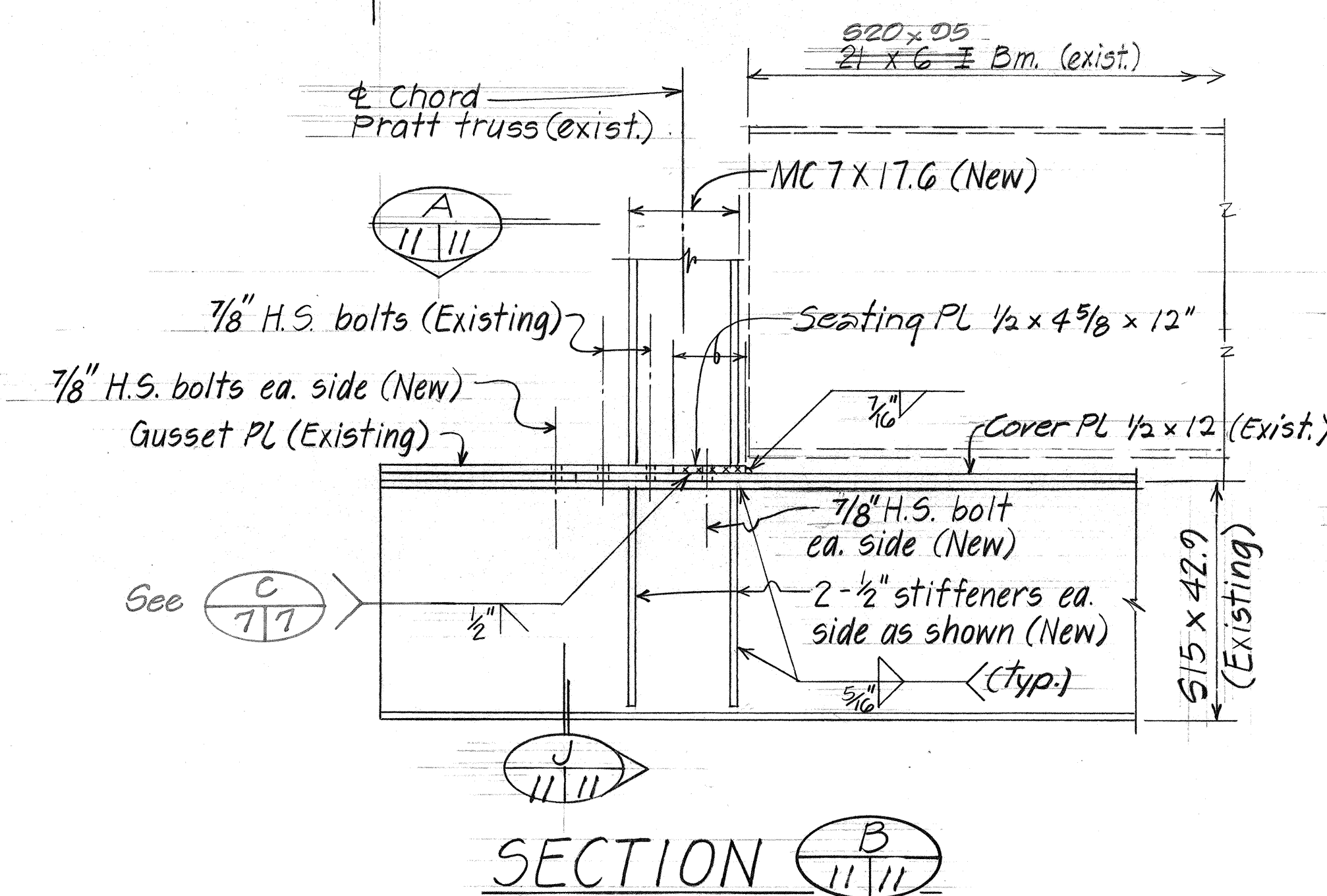
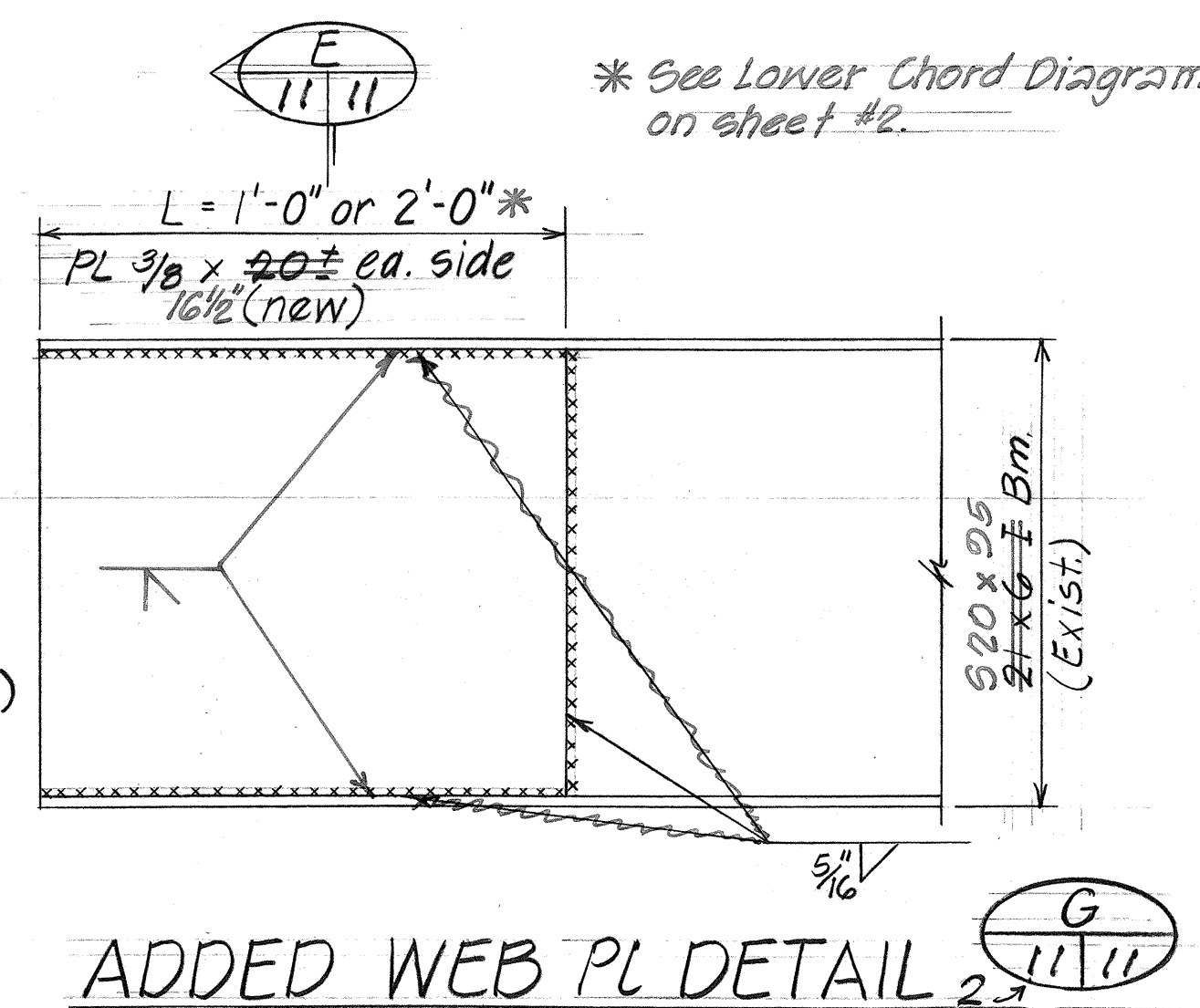
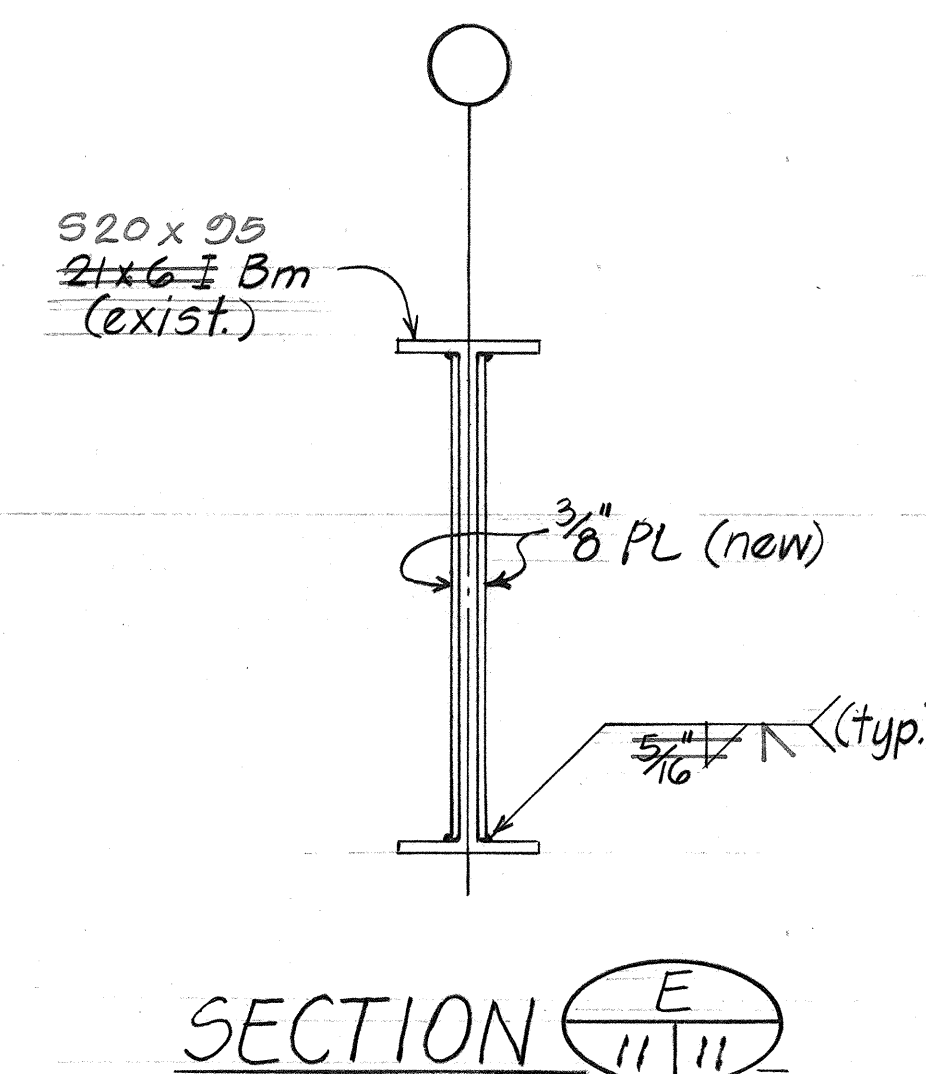
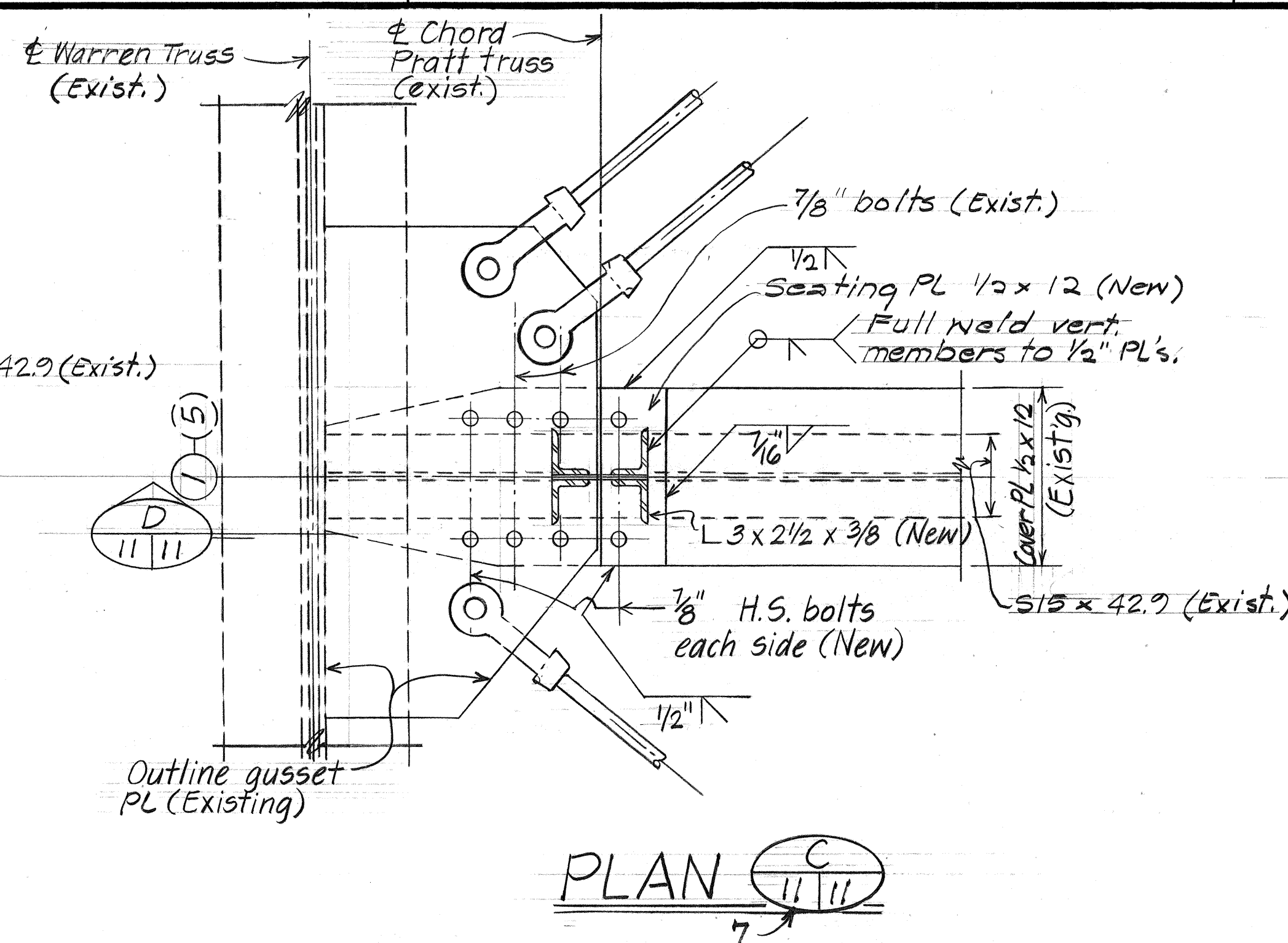
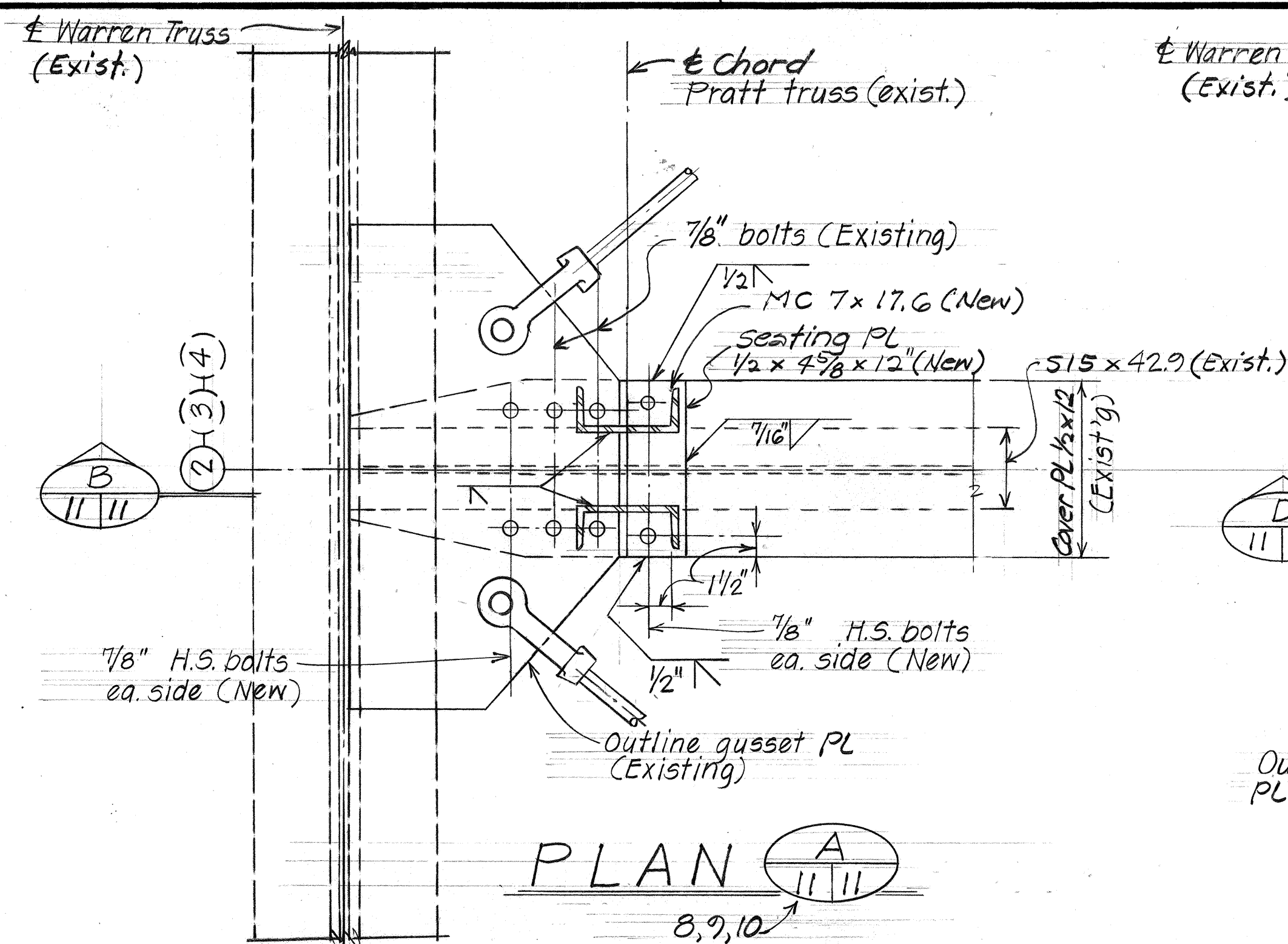


100

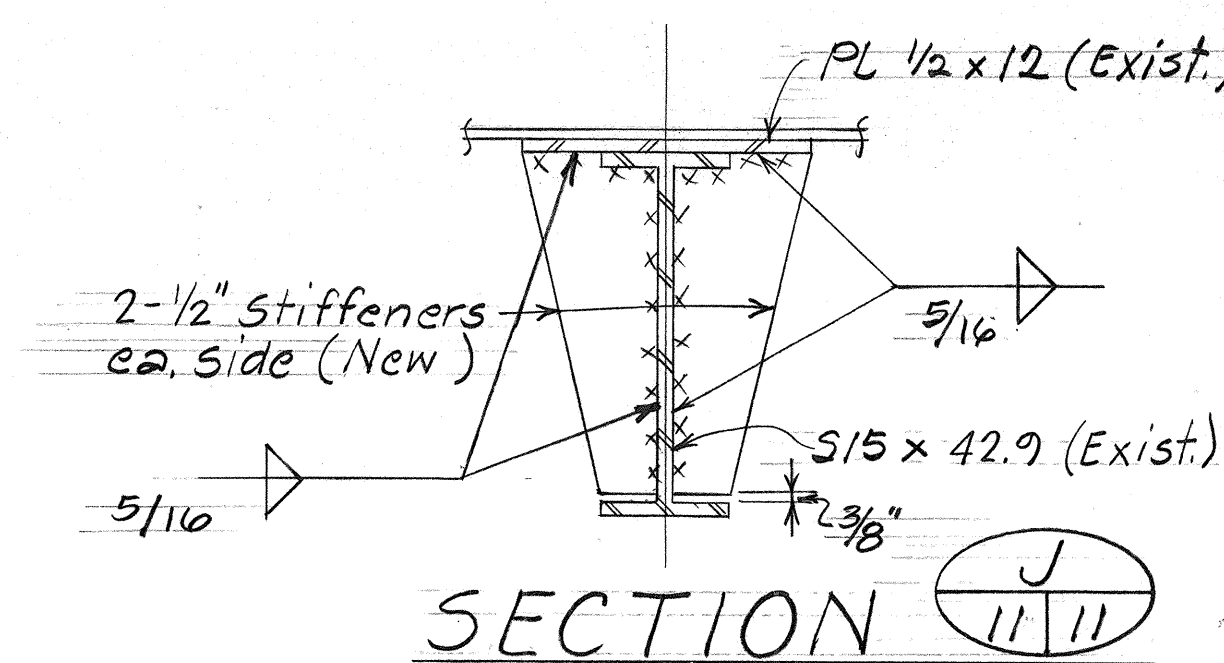
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY <u>L.M.A</u>	" <u>Aug/1982</u>
	TRACED BY	"
	DESIGNED BY <u>D.C.O.</u>	"
	QUANTITIES BY <u>D.C.O.</u>	"
	CHECKED BY <u>D.C.O. & S.A.</u>	"
No.		



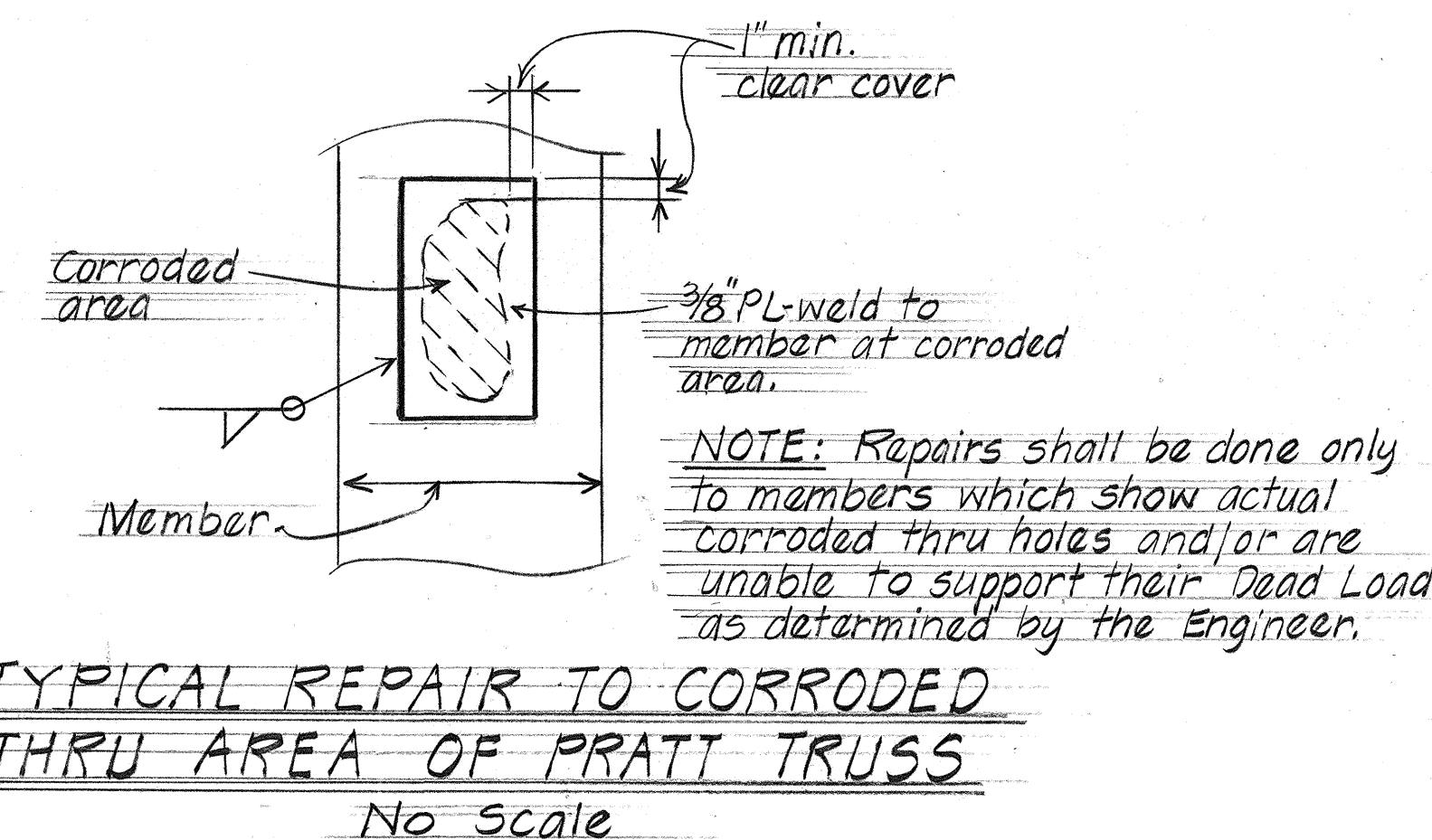
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-81M	1981	12	21



TYPICAL BEAM STIFFENER DETAILS
Scale: 1 1/2" = 1'-0"



TYPICAL PRATT TRUSS CONNECTION TO EXISTING 5/16x42.9 BEAM
Scale: 1 1/2" = 1'-0"



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KUHIO HIGHWAY
REPAIRS TO HANAIEI BRIDGE
PRATT TRUSS: TYP. CONNECTION
TO EXISTING 5/16 x 42.9
TYP. BM STIFFENER DETAILS
Proj. No. 56D-01-81M
Scale: As shown Date: Aug 1980
SHEET No. 11 OF 15 SHEETS

ORIGINAL PLAN	DATE
NOTED BY	4/19/80
DESIGNED BY	SA
CHECKED BY	W.C.O. & S.A.
DATE	Aug 1980

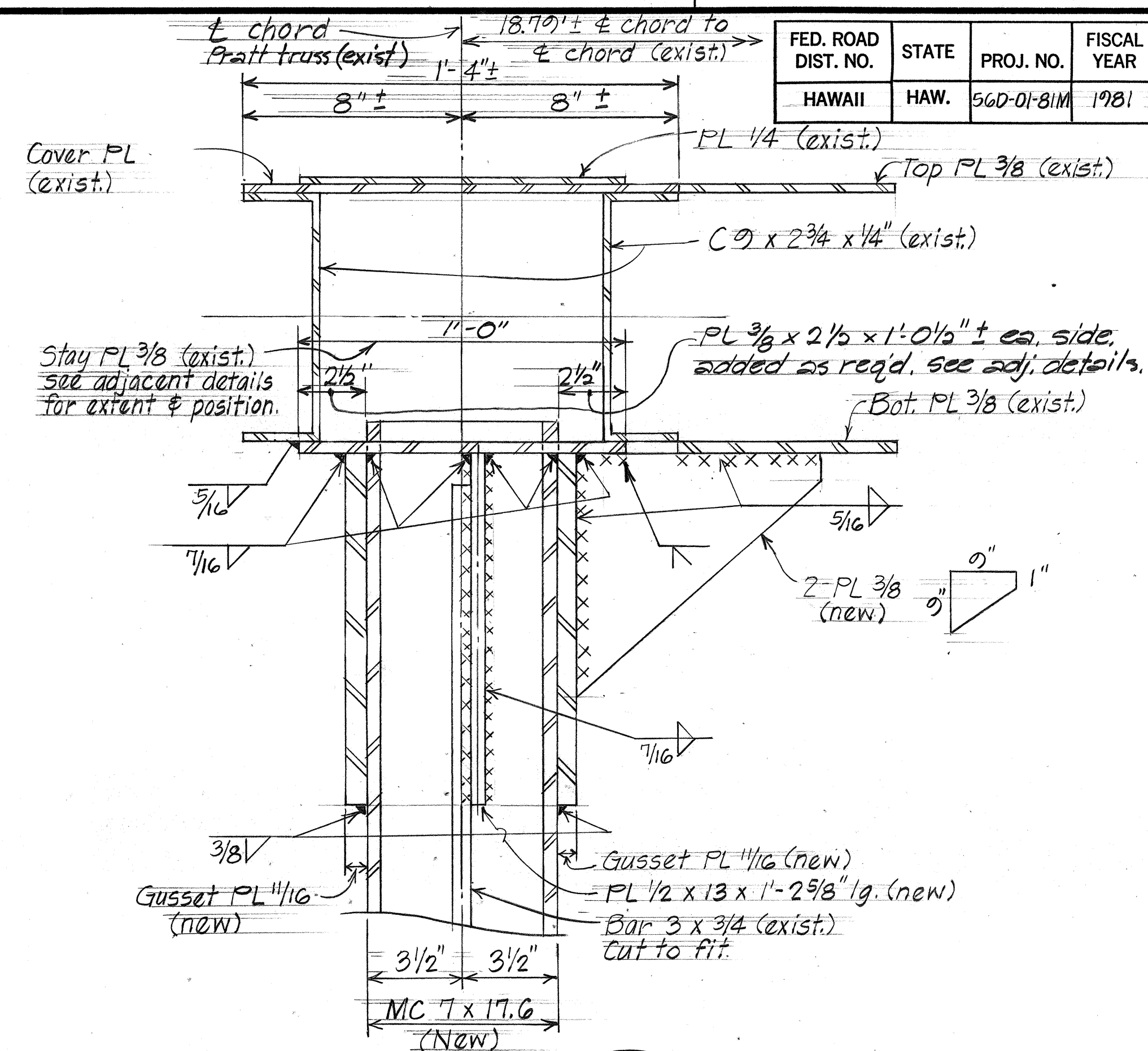
ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY <u>L. M.</u>	" " <u>Aug. 1922</u>
	TRACED BY _____	" " "
NOTE BOOK	DESIGNED BY <u>S. A.</u>	" " "
	QUANTITIES BY <u>I. M. & D. C.</u>	" " "
No. _____	CHECKED BY <u>D. C. & S. A.</u>	" " "

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KUHIO HIGHWAY
REPAIRS TO HANALEI BRIDGE
PRATT TRUSS: TOP CHORD DETAILS
@ LINE ① \$ ⑤

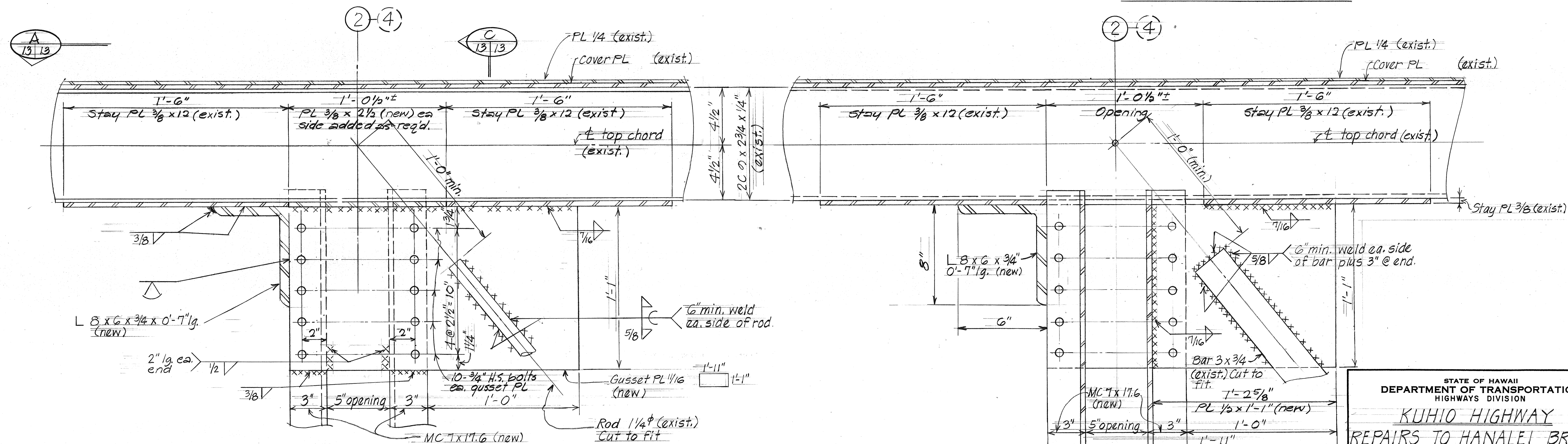
Proj. No. 56D-01-81M
Scale: As shown Date: Aug. 1980
SHEET NO. 12 OF 15 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY <u>N.Y.</u>	" "
	DESIGNED BY _____	" "
NOTE BOOK	TRACED BY <u>D.C.O.</u>	" "
	QUANTITIES BY <u>J.M. & D.C.O.</u>	" "
No. _____	CHECKED BY <u>D.C.O. & S.A.</u>	" "



PLAN  Scale: 3" = 1'-0"

SECTION  Scale: 3" = 1'-0"



DETAIL  AS SHOWN

DETAIL  SIMILAR EXCEPT OPPOSITE HAND Scale: 3" = 1'-0"

SECTION  Scale: 3" = 1'-0"

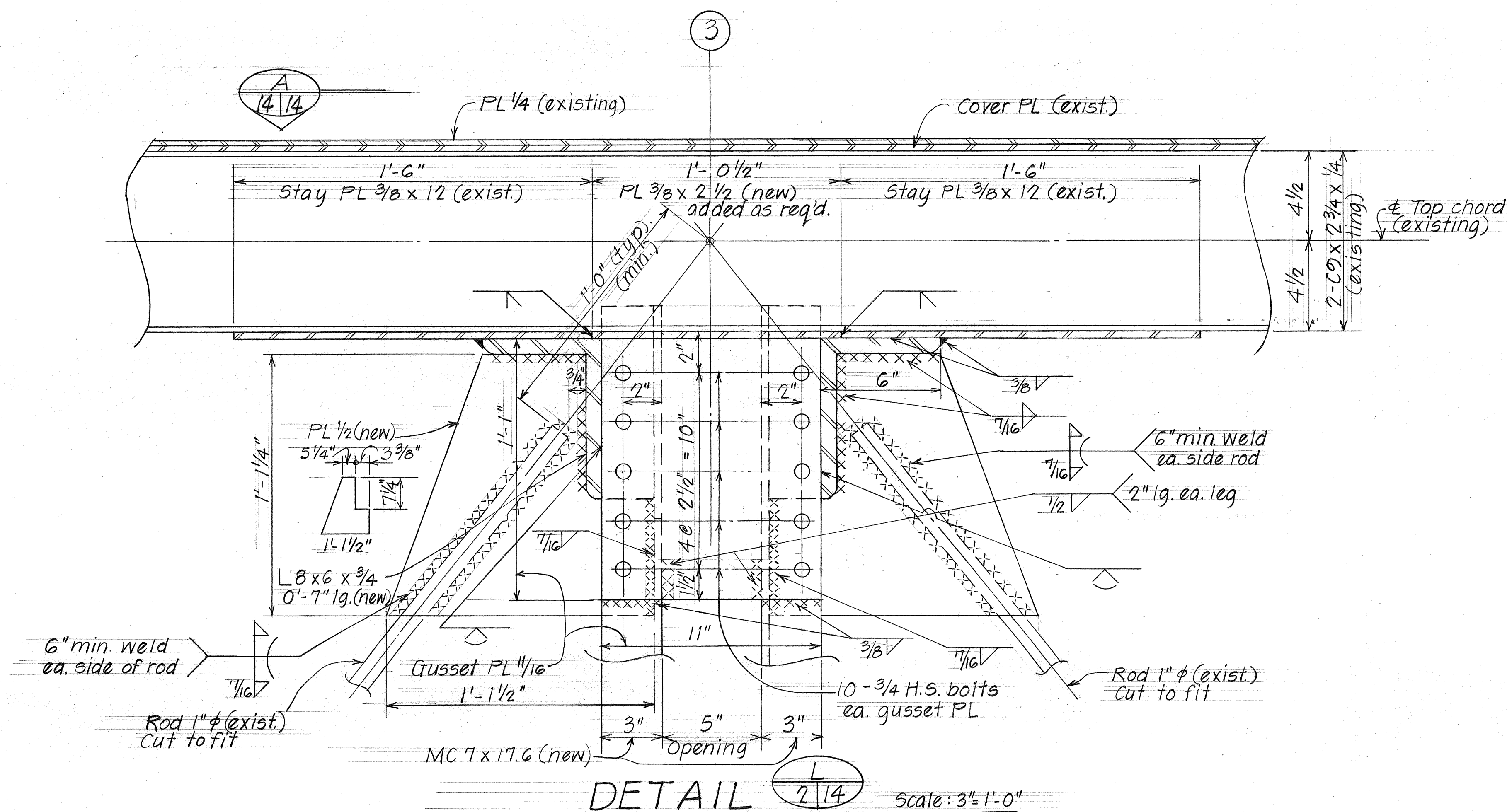
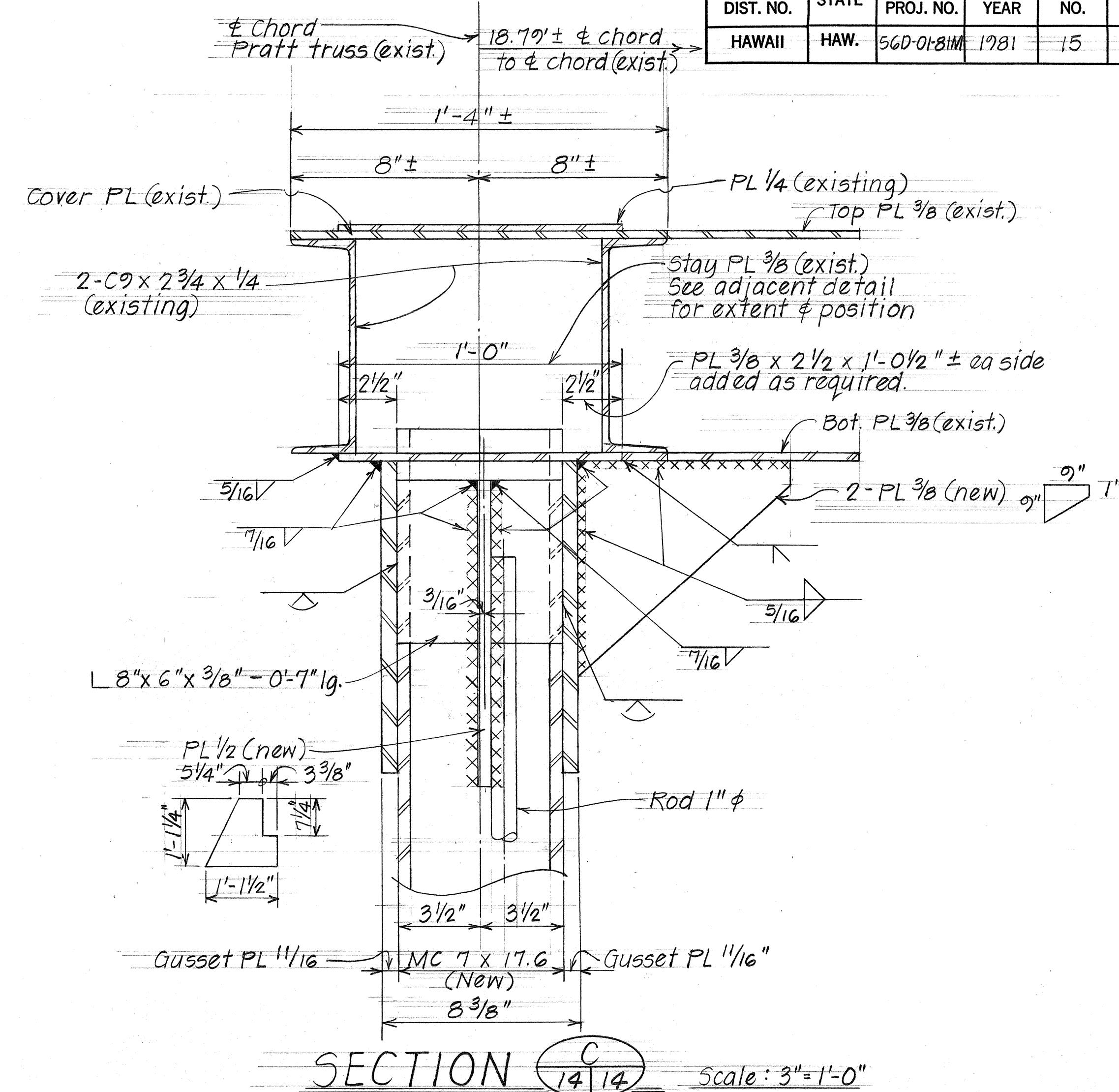
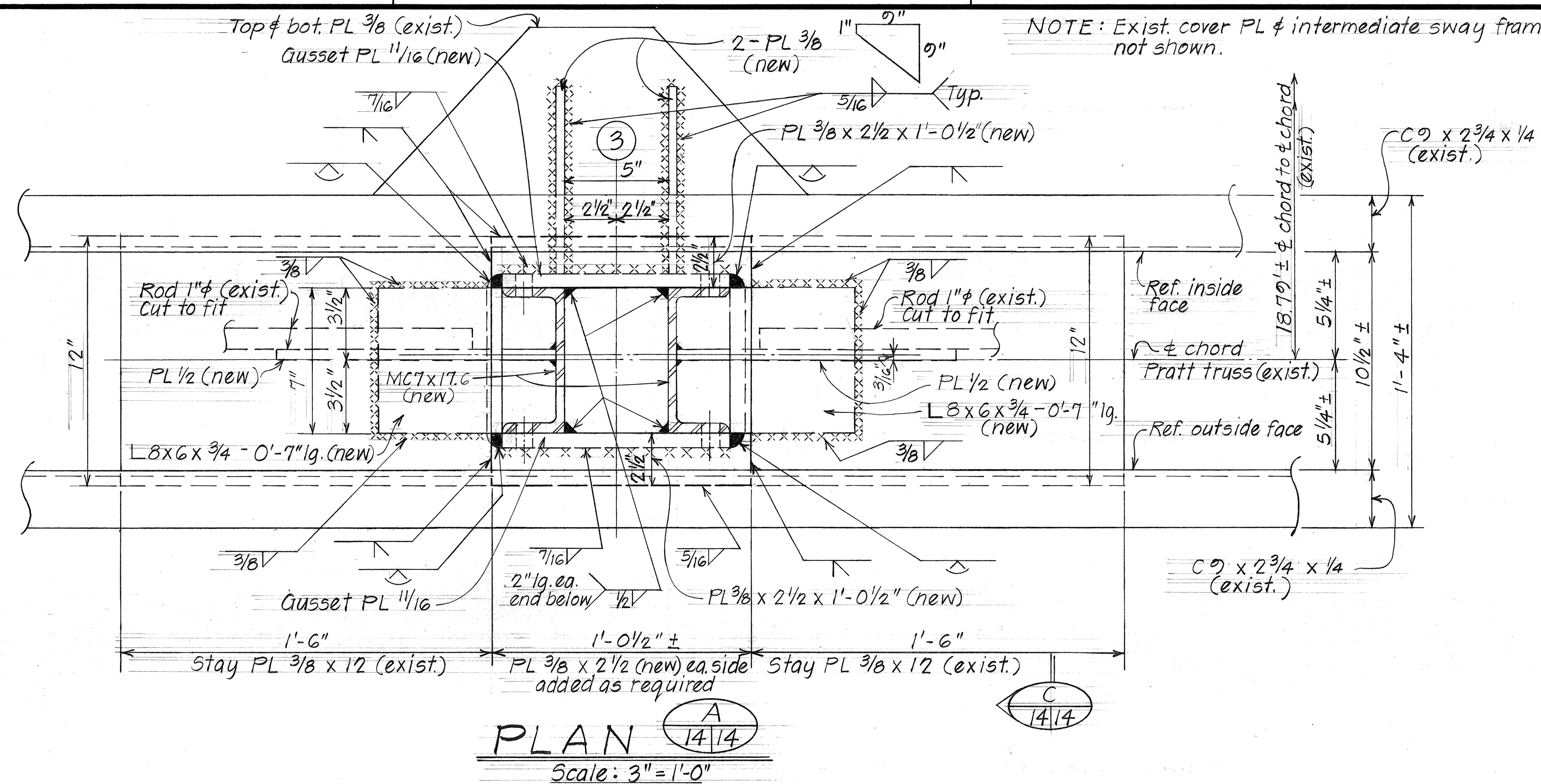
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KUHIO HIGHWAY
REPAIRS TO HANAIEI BRIDGE
PRATT TRUSS: TOP CHORD DETAILS
@ LINE (2) \$ (4)
Proj. No. 560-01-81M

Scale: As Shown Date: Aug 1980

SHEET NO. 13 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-81M	1981	15	21



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KUHIO HIGHWAY
REPAIRS TO HANAIEI BRIDGE
PRATT TRUSS: TOP CHORD DETAILS
@ LINE (3)

Proj. No. 56D-01-81M

Scale: As Shown Date: Aug 1980

SHEET No. 14 OF 15 SHEETS

ORIGINAL PLAN	DATE
NO. 1	Aug 1980
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	
NO. 11	
NO. 12	
NO. 13	
NO. 14	
NO. 15	
NO. 16	
NO. 17	
NO. 18	
NO. 19	
NO. 20	
NO. 21	