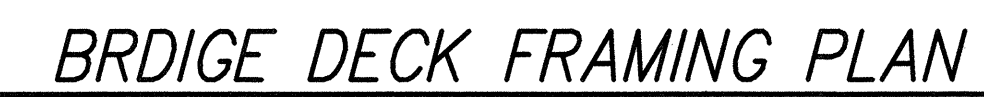


Plan view of the proposed 100' wide bridge deck. The total length is 772'-0" upstream. The deck is divided into segments with the following lengths (from left to right): 45'-0", 36'-0", 36'-0", 40'-0", 36'-0", 36'-0", 40'-0", 36'-0", 36'-0", 40'-0", 36'-0", 36'-0", 40'-0", 36'-0", 36'-0", 40'-0", 36'-0", 36'-0", 40'-0", and 55'-0". The diagram shows the bridge deck with various structural elements, including piers and abutments, and is oriented with 'upstream' at the top and 'downstream' at the bottom. The left end is labeled 'to Hilo' and the right end is labeled 'to Honokaa'.

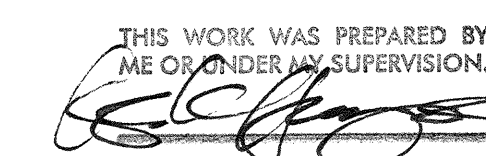
Scale 1" = 30'-0"



Scale 1" = 30'-0"



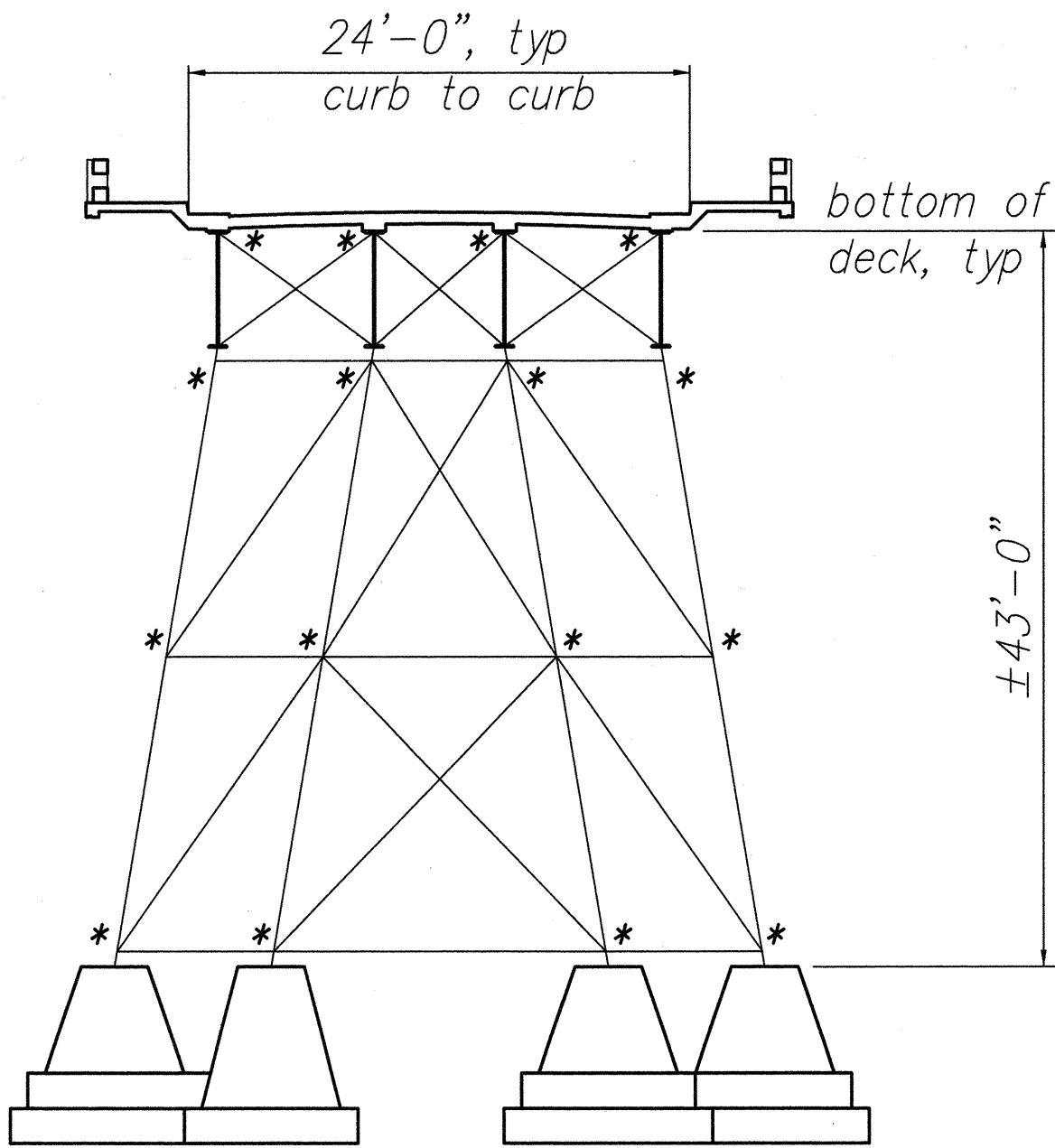
Scale 1" = 30'-0"



SCALE: AS NOTED DATE: MAR 2001

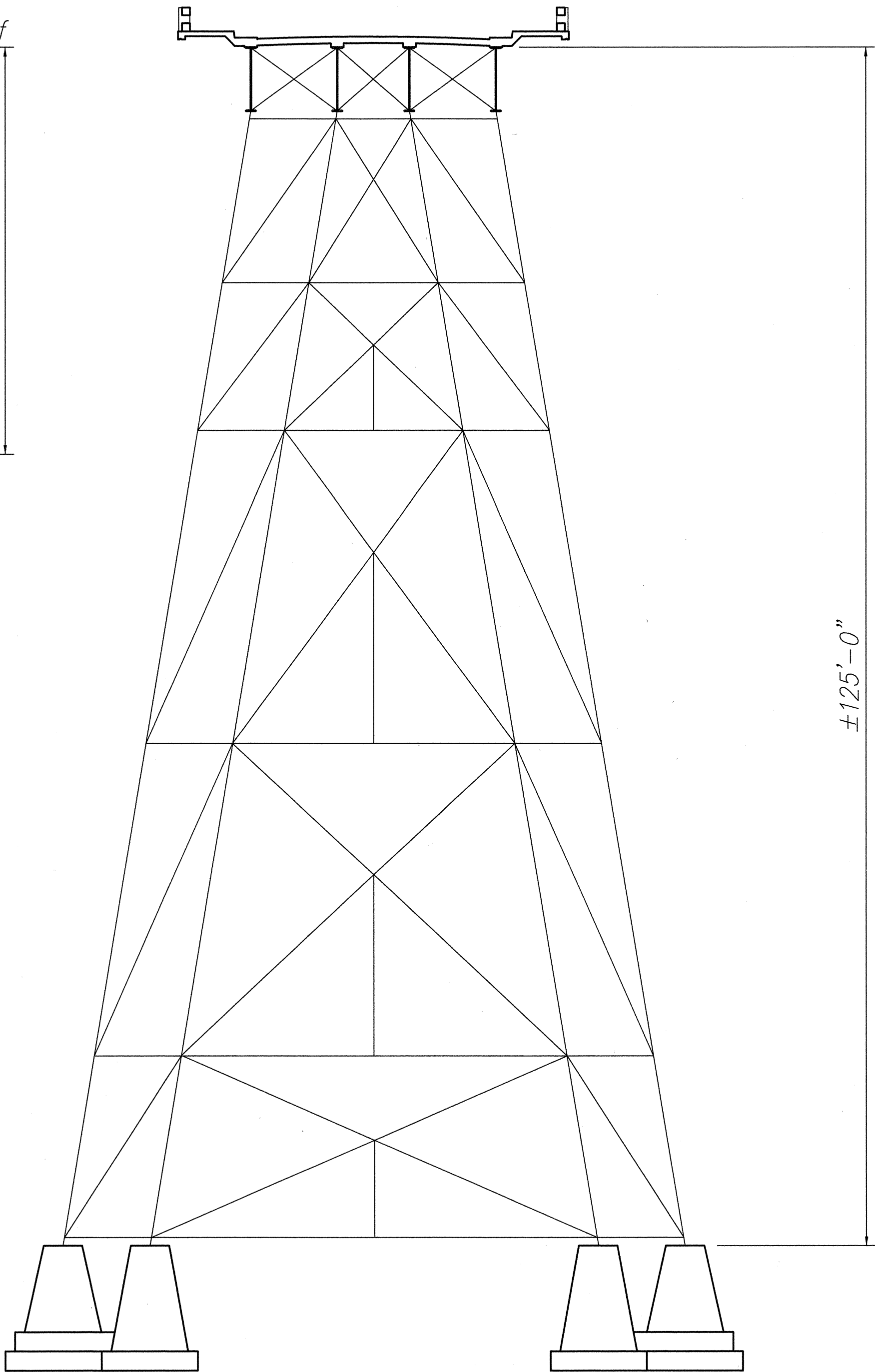
SHEET No. 1 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(53)	2001	7	15



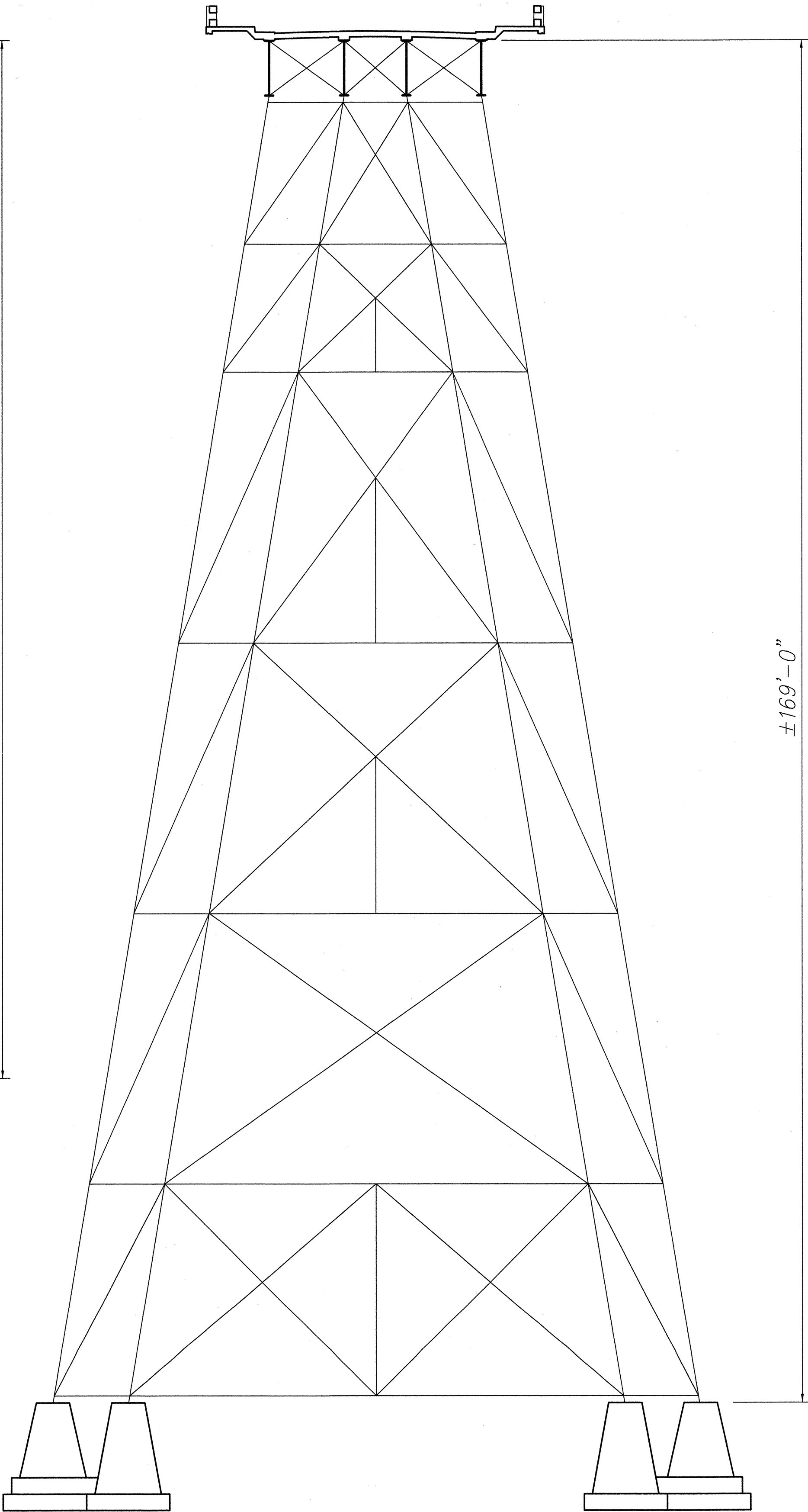
BENT #1

Scale: 1" = 10'-0"



BENT #2

Scale: 1" = 10'-0"



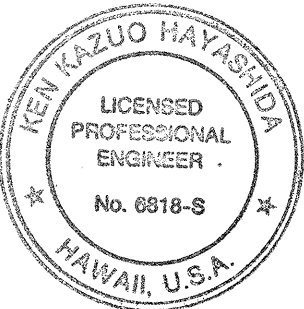
BENT #3

Scale: 1" = 10'-0"

NOTES:

1. Bridge steel members are built-up sections and are represented by single lines in this drawing. Details are omitted for clarity. This drawing is for illustration only.
2. Only major structural members are shown. Bracing, diaphragms, etc. are not shown.
3. Contractor loads are permitted on all plate girders and only those bent joints indicated with an asterisk (*), as illustrated in Bent #1 Section above, typ for all Bents, Sheets 1 of 7 through 7 of 7.
4. Remove & trim vegetation under bridge to the approval of the Engineer. Cost shall be incidental to other Contract Items.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	CHECKED BY	



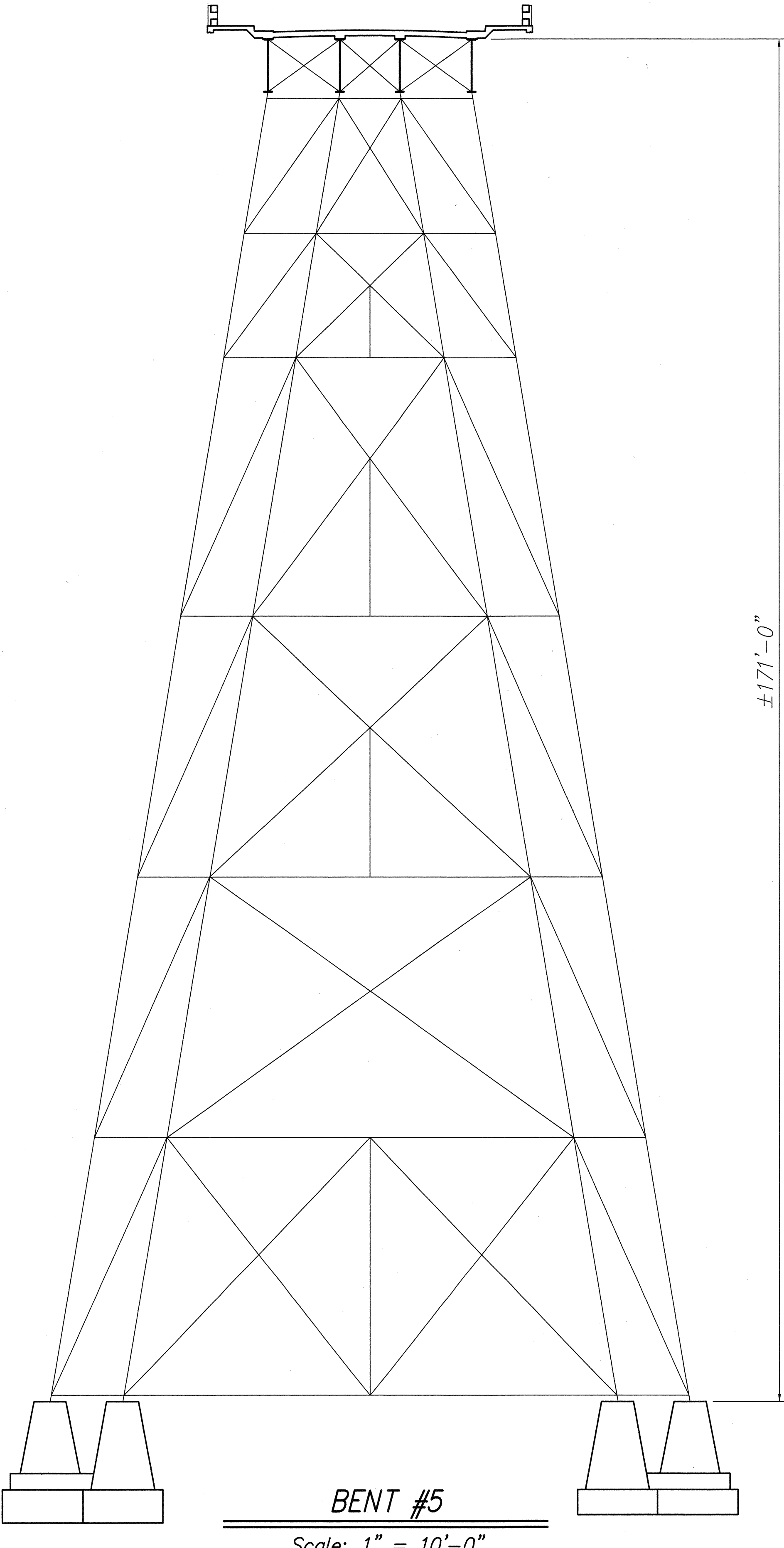
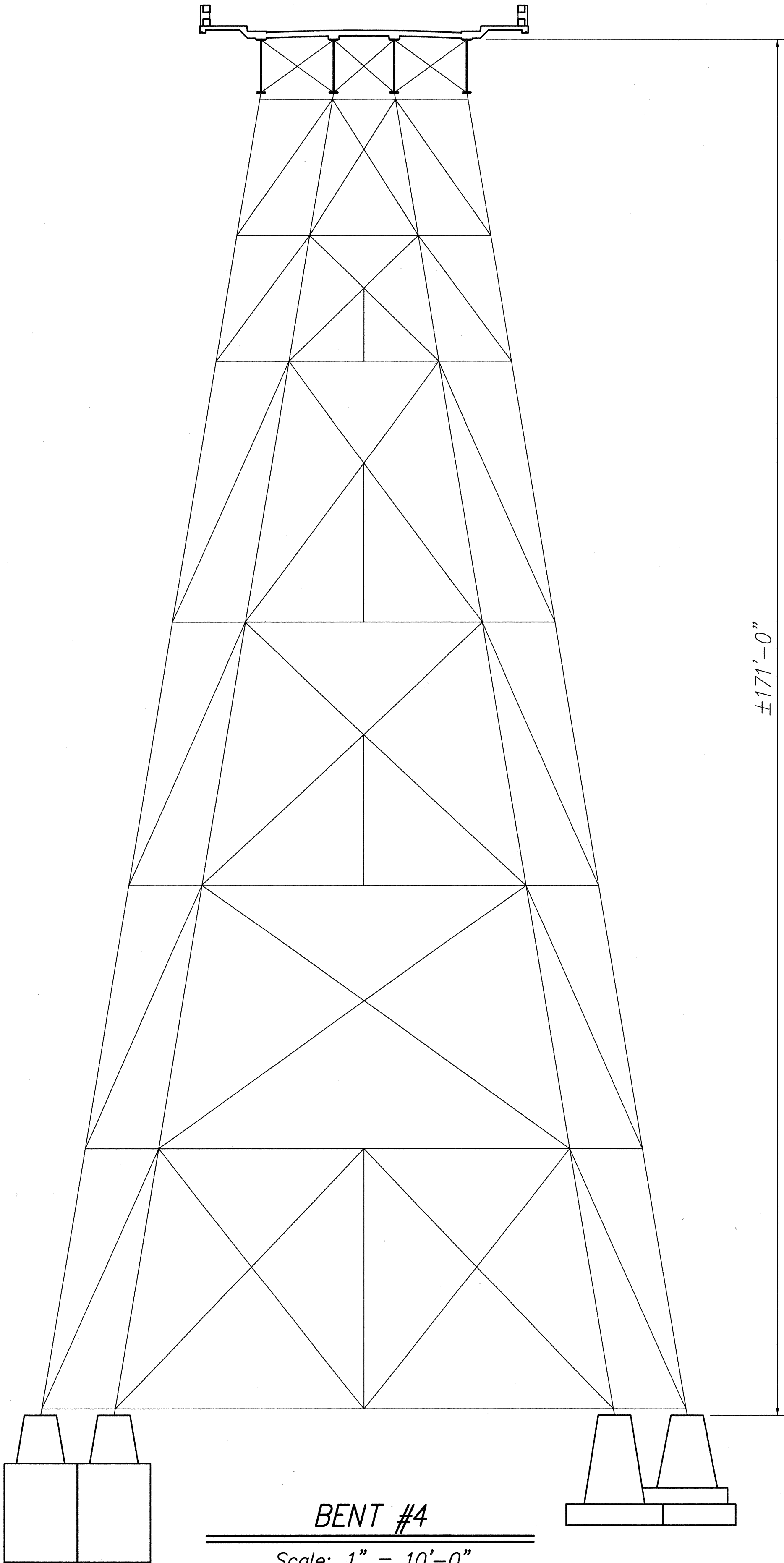
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

(Signature)

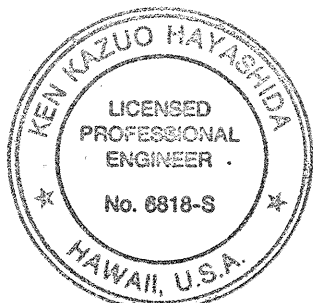
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HAKALAU BRIDGE
BENT ELEVATIONS
HAWAII BELT ROAD
CLEAN AND PAINT STEEL MEMBERS
PAHEEHEE AND HAKALAU BRIDGES
F.A. PROJECT NO. NH-019-2(53)

SCALE: AS NOTED
DATE: MAR 2001
SHEET No. 2 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(53)	2001	8	15



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
	NO.	

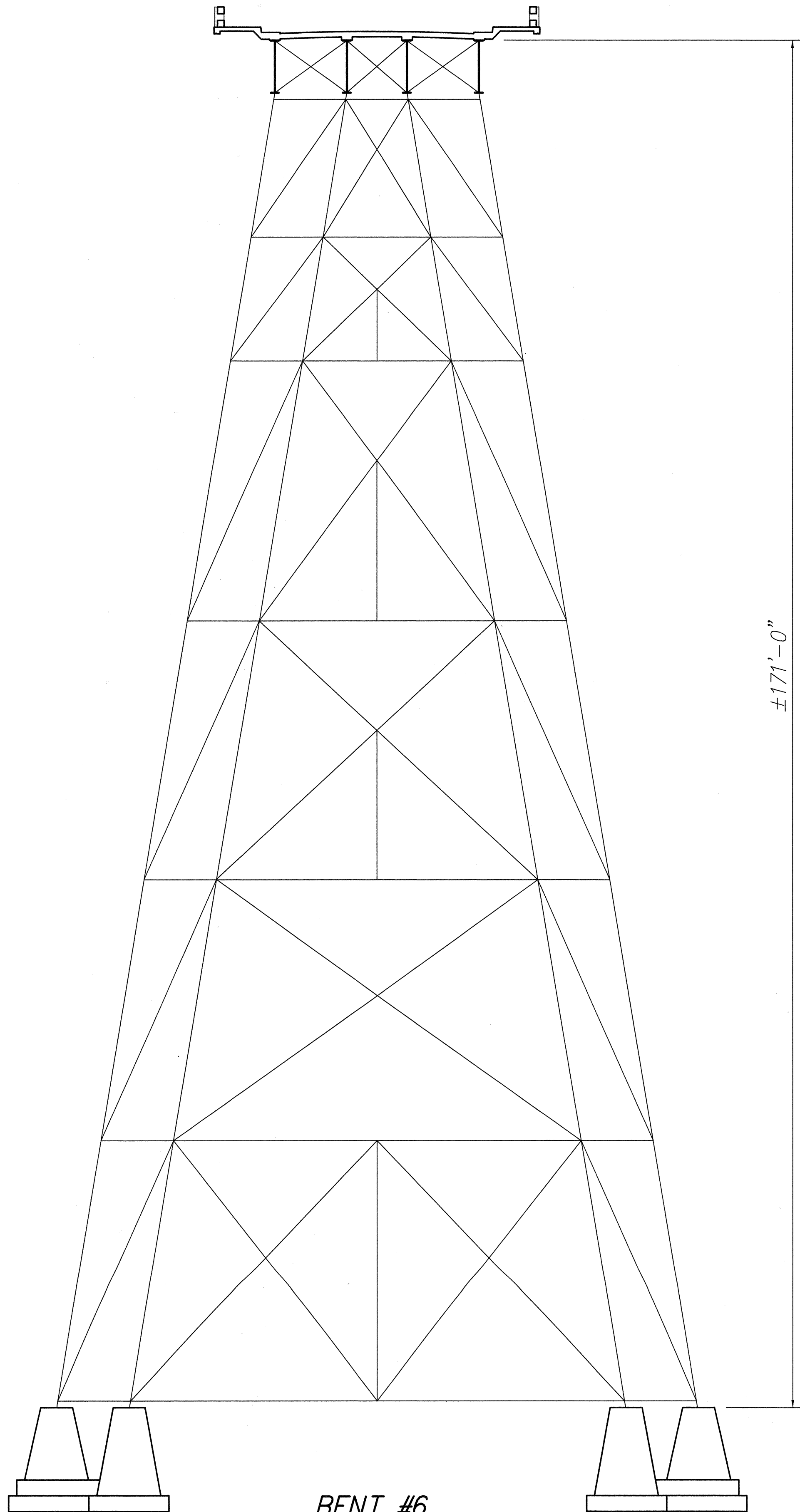


THIS WORK WAS PREPARED BY
OR UNDER HIS SUPERVISION.
[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HAKALAU BRIDGE
BENT ELEVATIONS
HAWAII BELT ROAD
CLEAN AND PAINT STEEL MEMBERS
PAHEEHEE AND HAKALAU BRIDGES
F.A. PROJECT NO. NH-019-2(53)

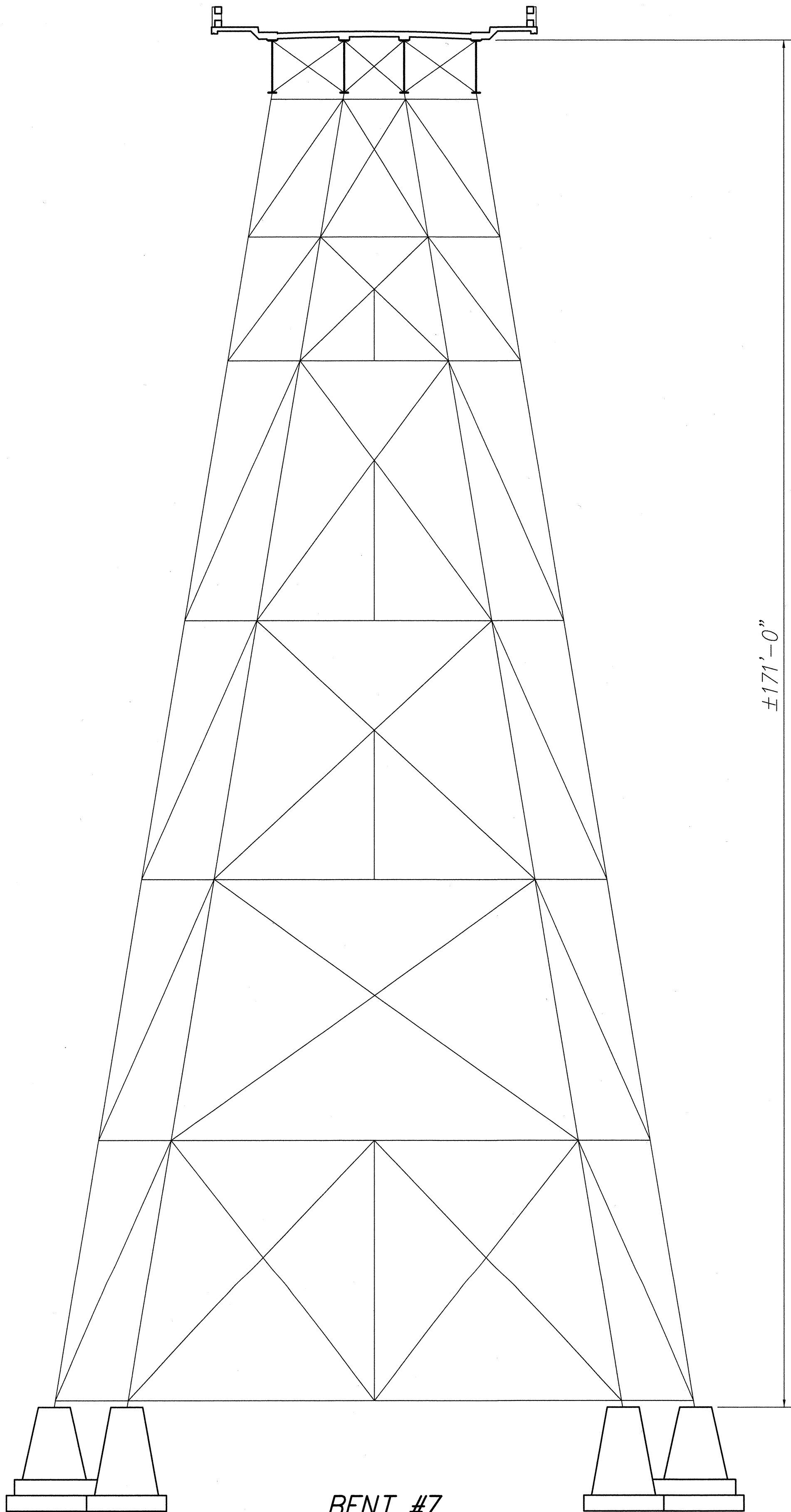
SCALE: AS NOTED
DATE: MAR 2001
SHEET No. 3 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(53)	2001	9	15



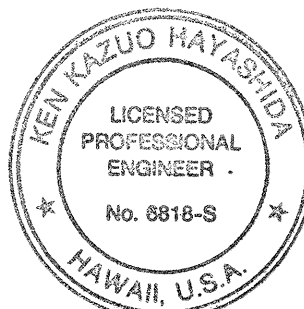
BENT #6

Scale: 1" = 10'-0"



BENT #7

Scale: 1" = 10'-0"



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

[Signature]

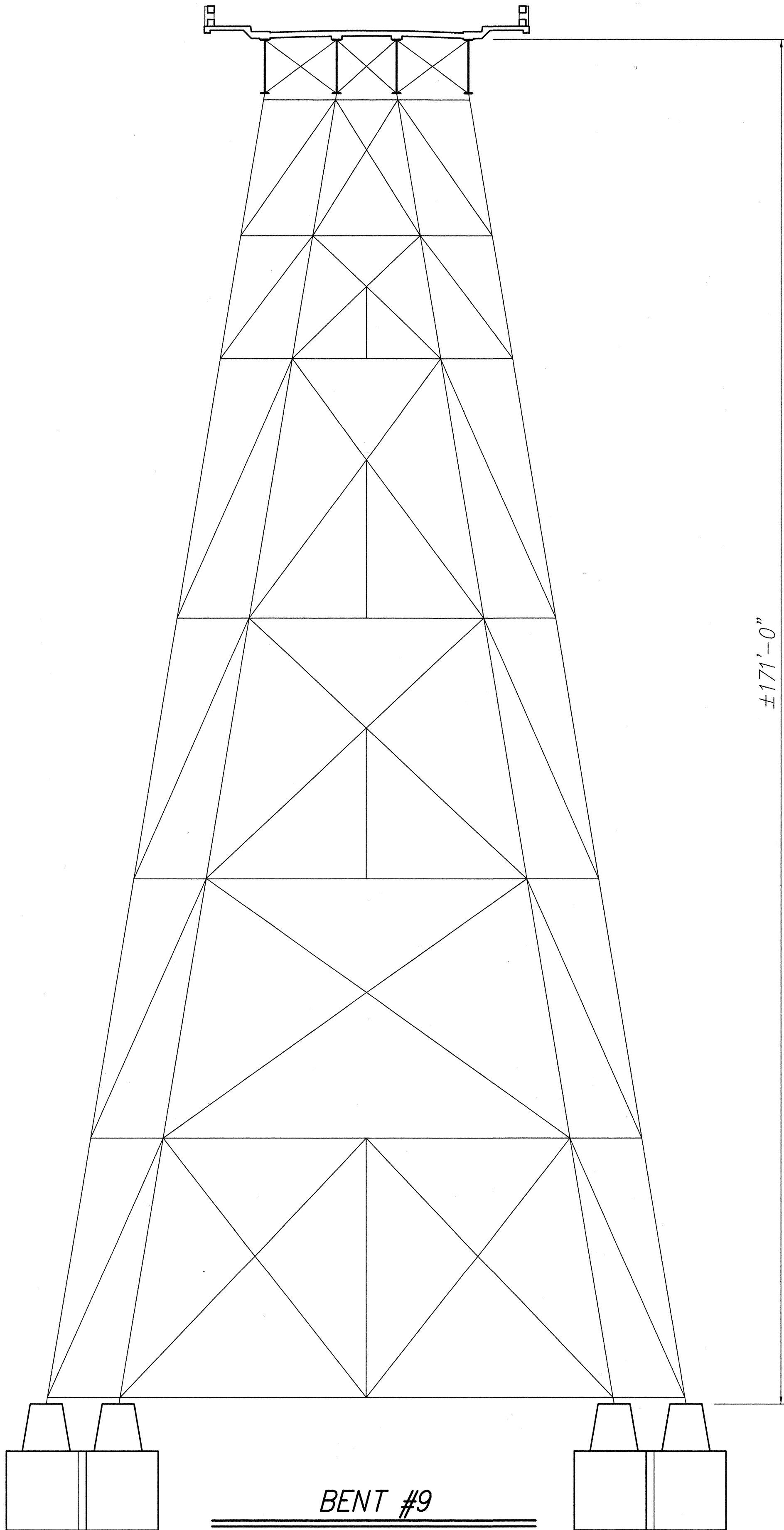
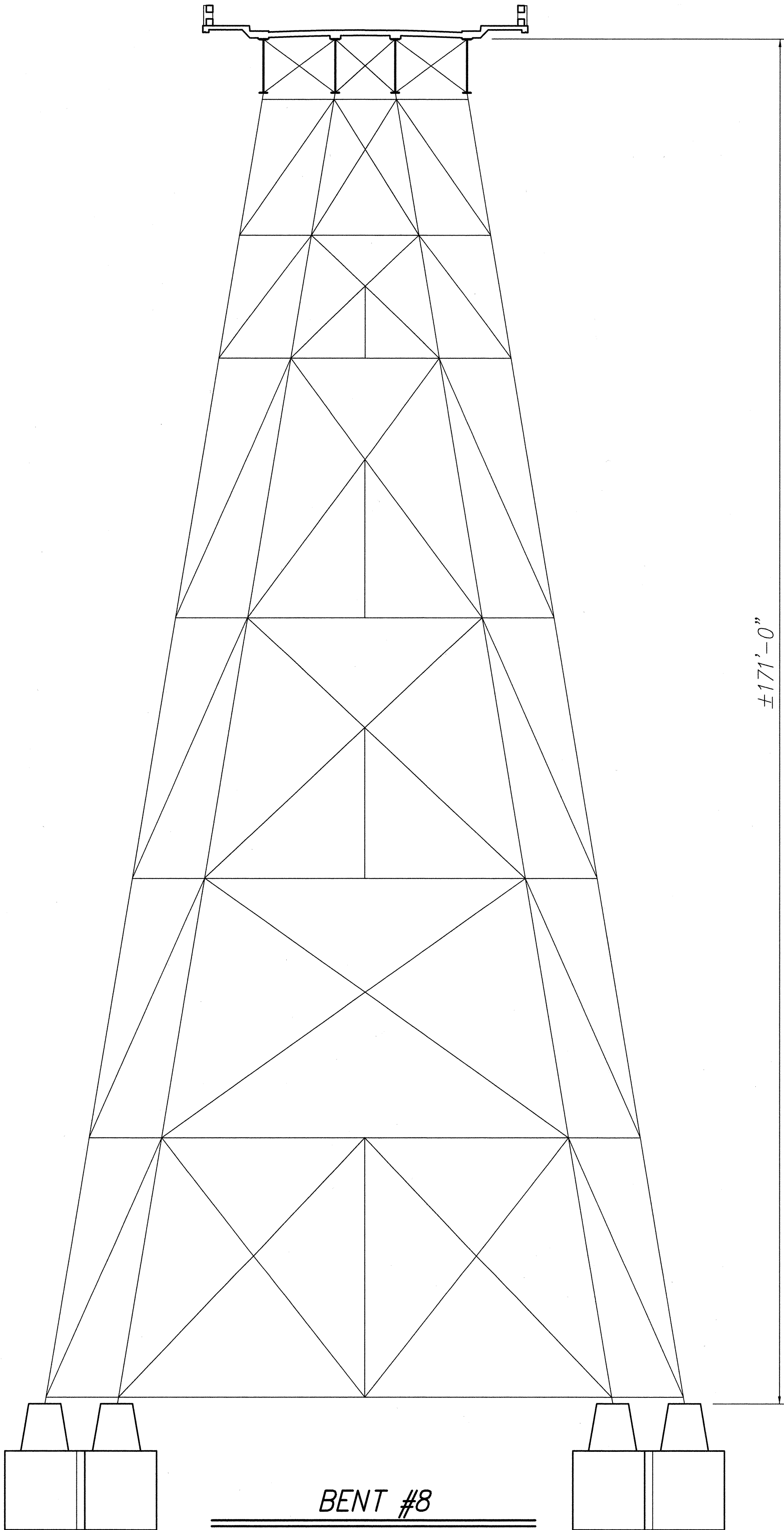
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HAKALAU BRIDGE
BENT ELEVATIONS
HAWAII BELT ROAD
CLEAN AND PAINT STEEL MEMBERS
PAHEEHEE AND HAKALAU BRIDGES
F.A. PROJECT NO. NH-019-2(53)

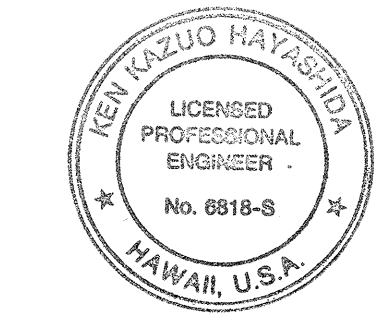
SCALE: AS NOTED
DATE: MAR 2001
SHEET No. 4 OF 7 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	" "
No.	DESIGNED BY	" "
	CHECKED BY	" "
	APPROVED BY	" "

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(53)	2001	10	15



ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	_____
No. _____	TRACED BY _____	_____
	QUANTITIES BY _____	_____
	CHECKED BY _____	_____

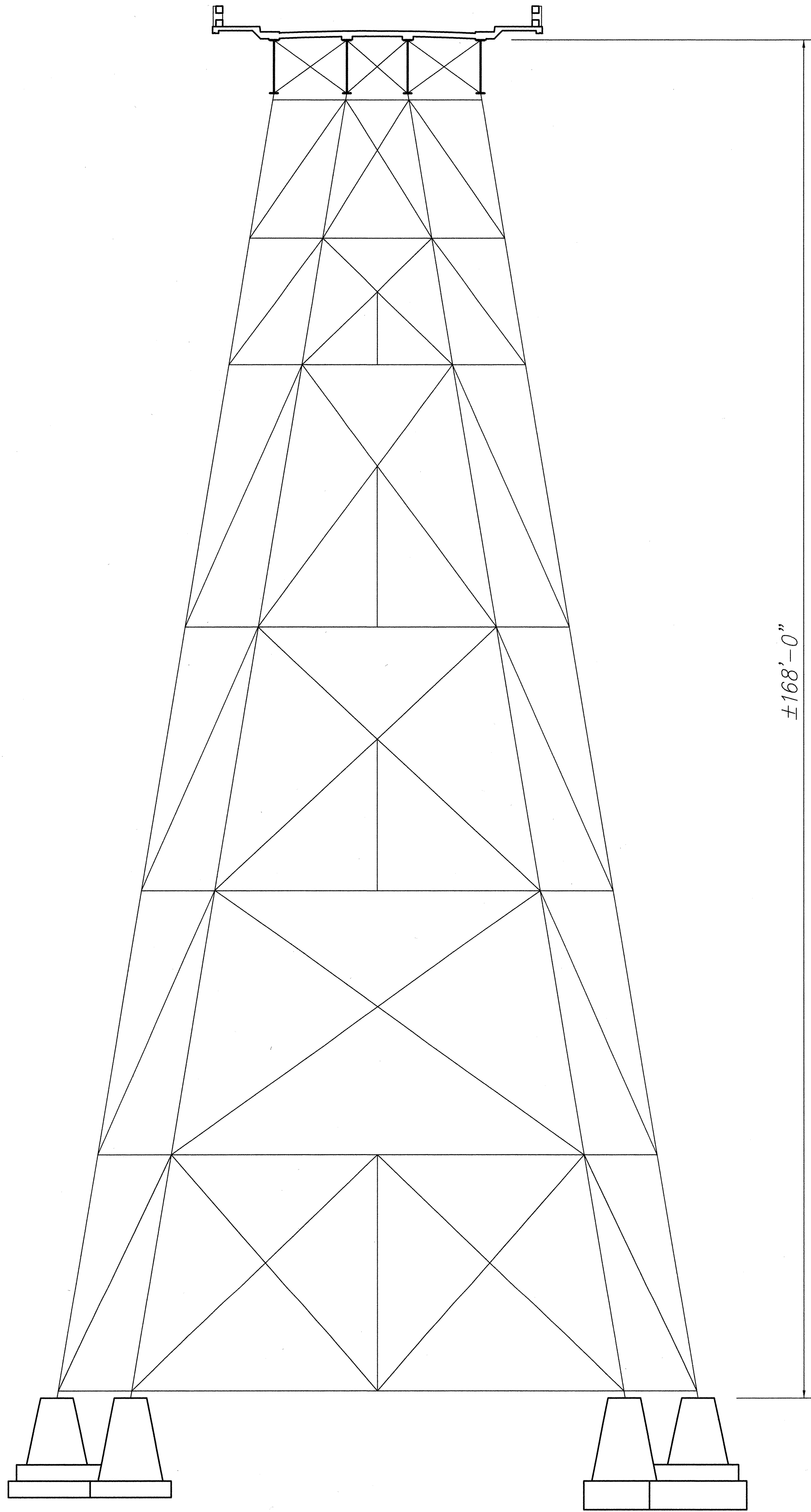


THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HAKALAU BRIDGE
BENT ELEVATIONS
HAWAII BELT ROAD
CLEAN AND PAINT STEEL MEMBERS
PAHEEHEE AND HAKALAU BRIDGES
F.A. PROJECT NO. NH-019-2(53)

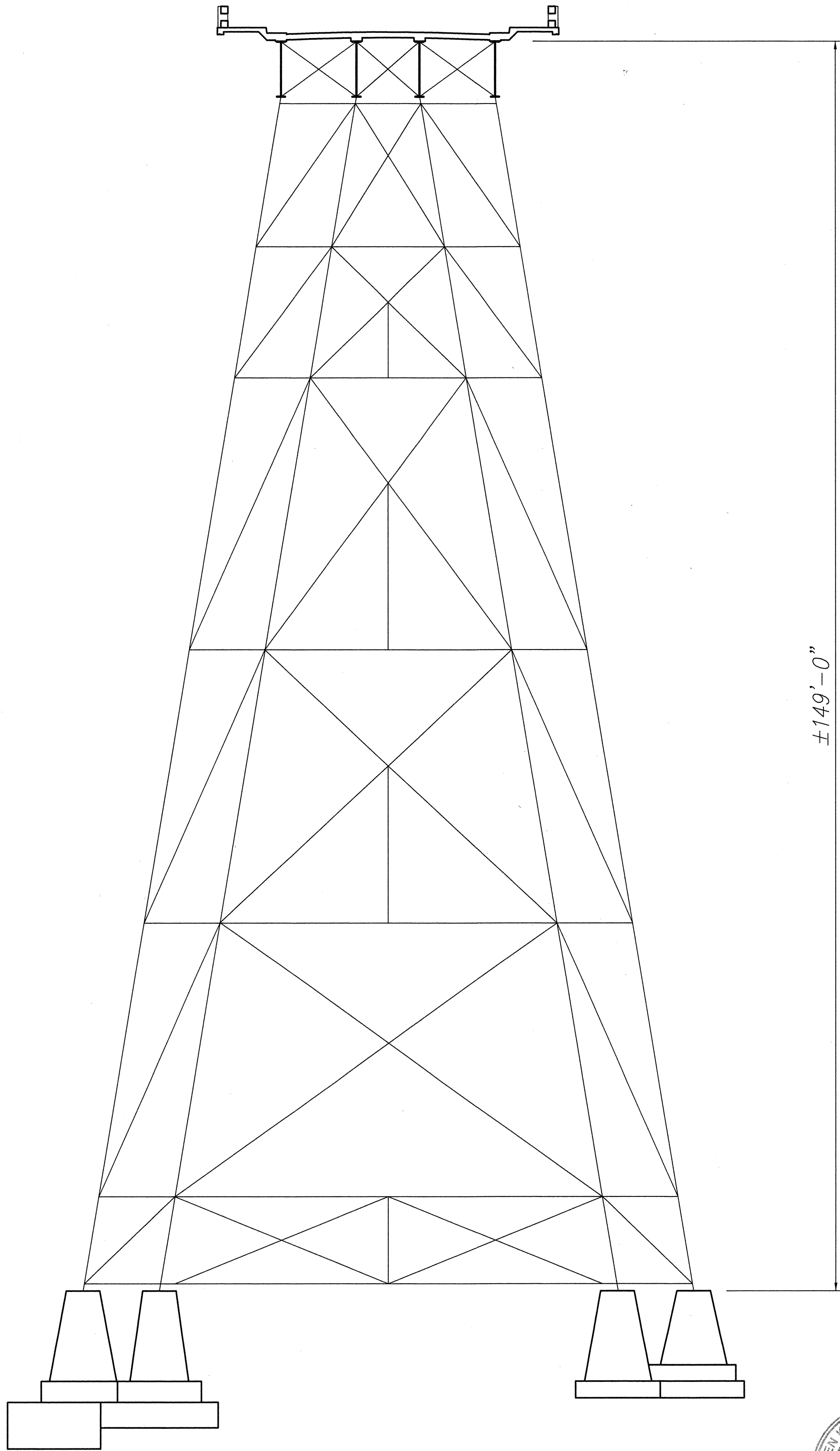
SCALE: AS NOTED
DATE: MAR 2001
SHEET No. 5 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(53)	2001	11	15



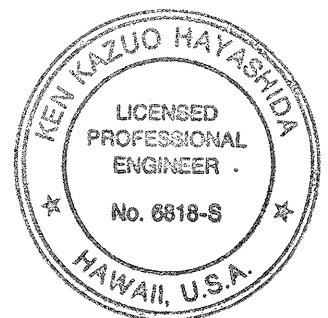
BENT #10

Scale: 1" = 10'-0"



BENT #11

Scale: 1" = 10'-0"



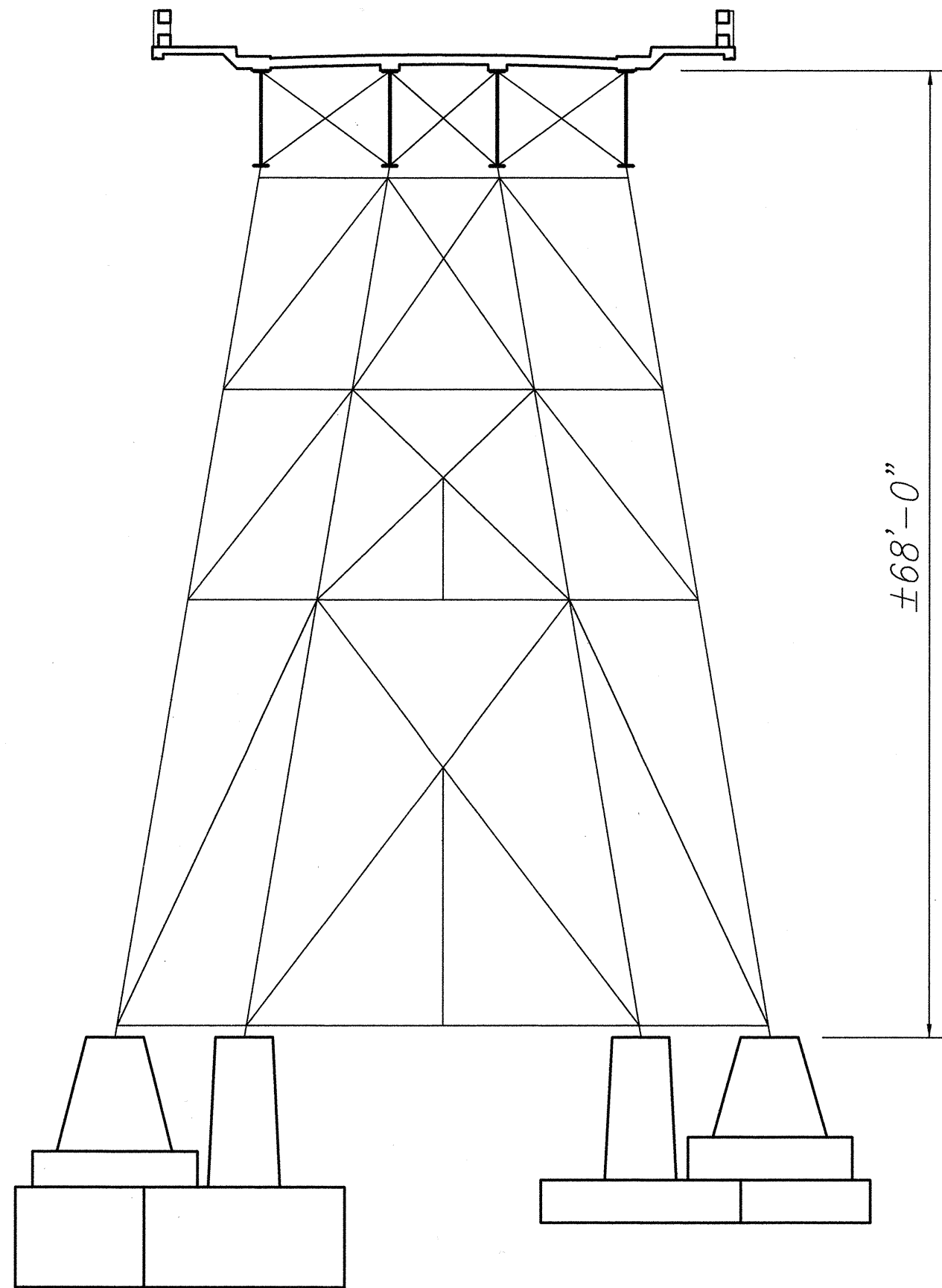
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HAKALAU BRIDGE
BENT ELEVATIONS
HAWAII BELT ROAD
CLEAN AND PAINT STEEL MEMBERS
PAHEEHEE AND HAKALAU BRIDGES
F.A. PROJECT NO. NH-019-2(53)

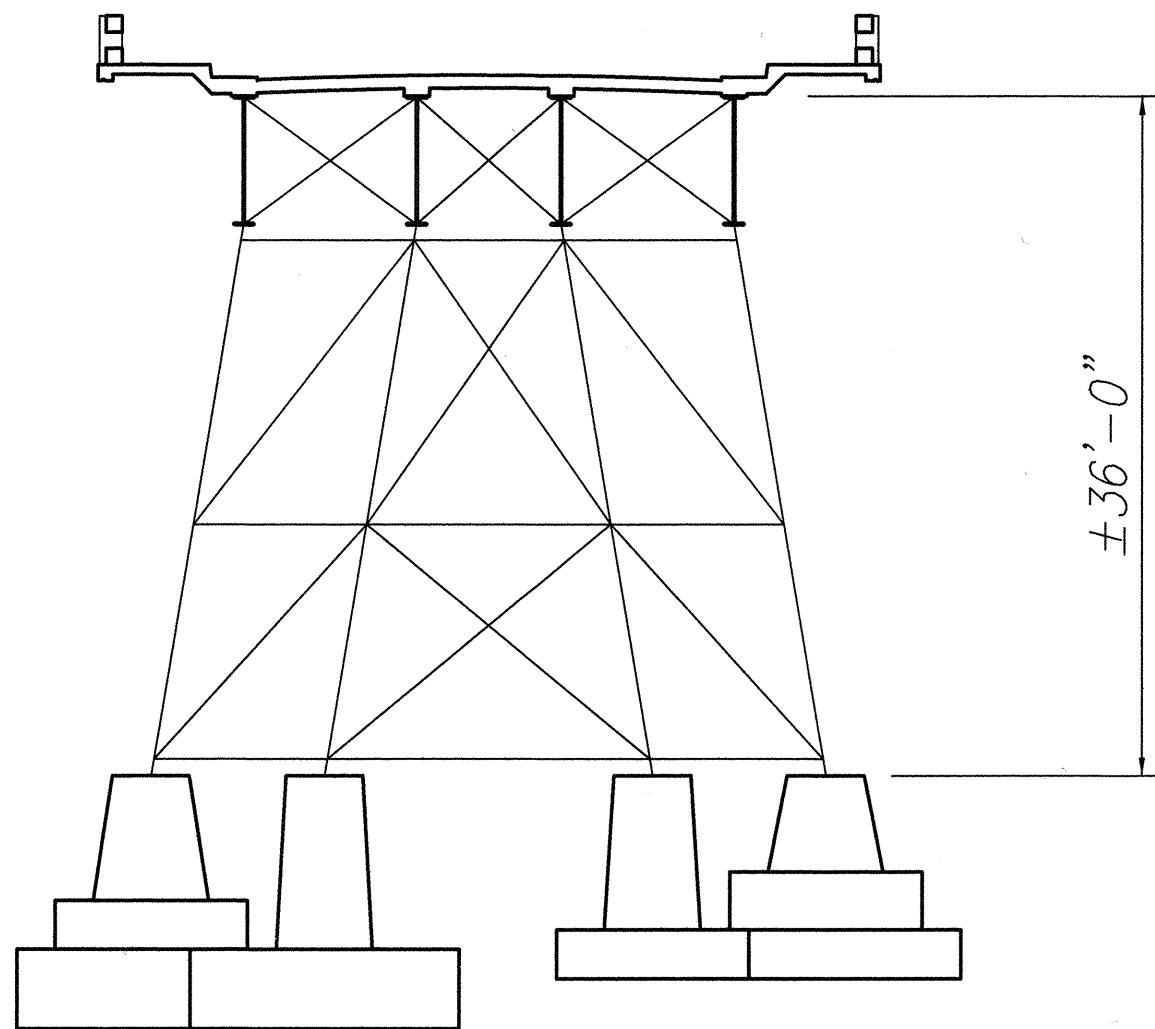
SCALE: AS NOTED
DATE: MAR 2001
SHEET No. 6 OF 7 SHEETS

ORIGINAL PLAN NOTE BOOK No.	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY _____	DESIGNED BY _____
	CHECKED BY _____	APPROVED BY _____
	No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(53)	2001	12	15

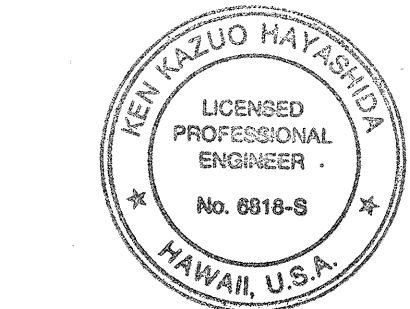


BENT #12
Scale: 1" = 10'-0"



BENT #13
Scale: 1" = 10'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	TRACED BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HAKALAU BRIDGE
BENT ELEVATIONS
HAWAII BELT ROAD
CLEAN AND PAINT STEEL MEMBERS
PAHEEHEE AND HAKALAU BRIDGES
F.A. PROJECT NO. NH-019-2(53)

SCALE: AS NOTED
DATE: MAR 2001
SHEET No. 7 OF 7 SHEETS