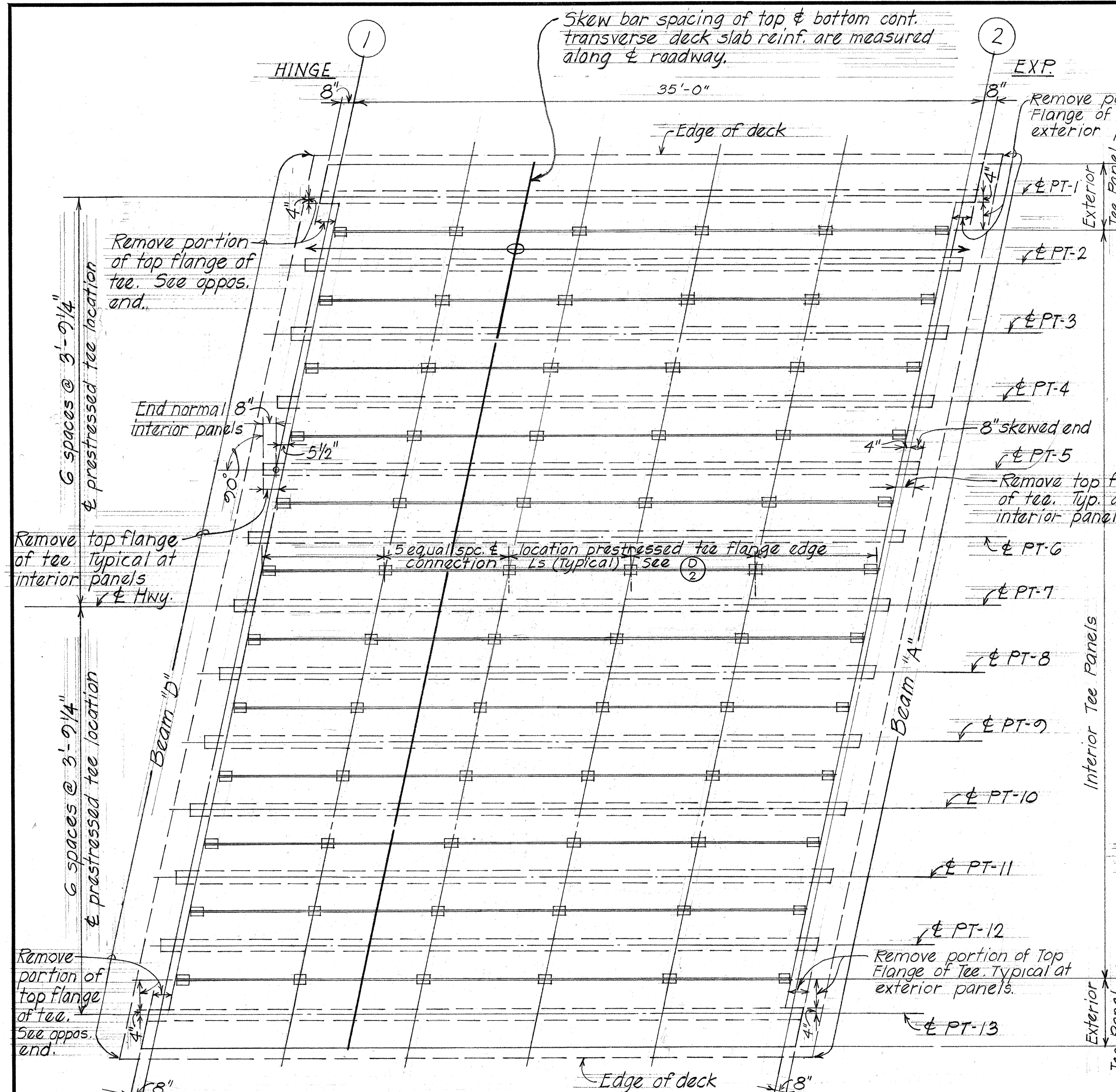
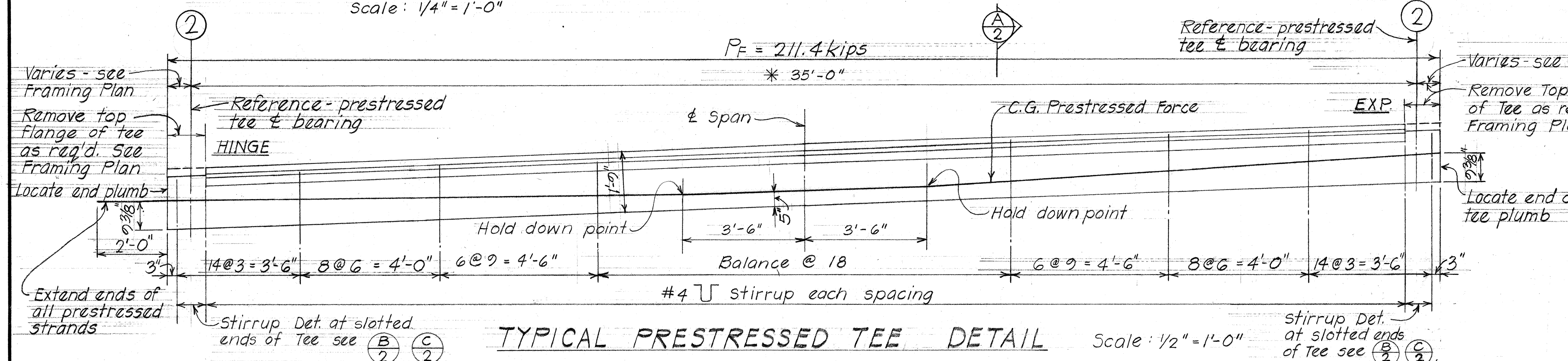


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-037-1(7)	1972	68	113



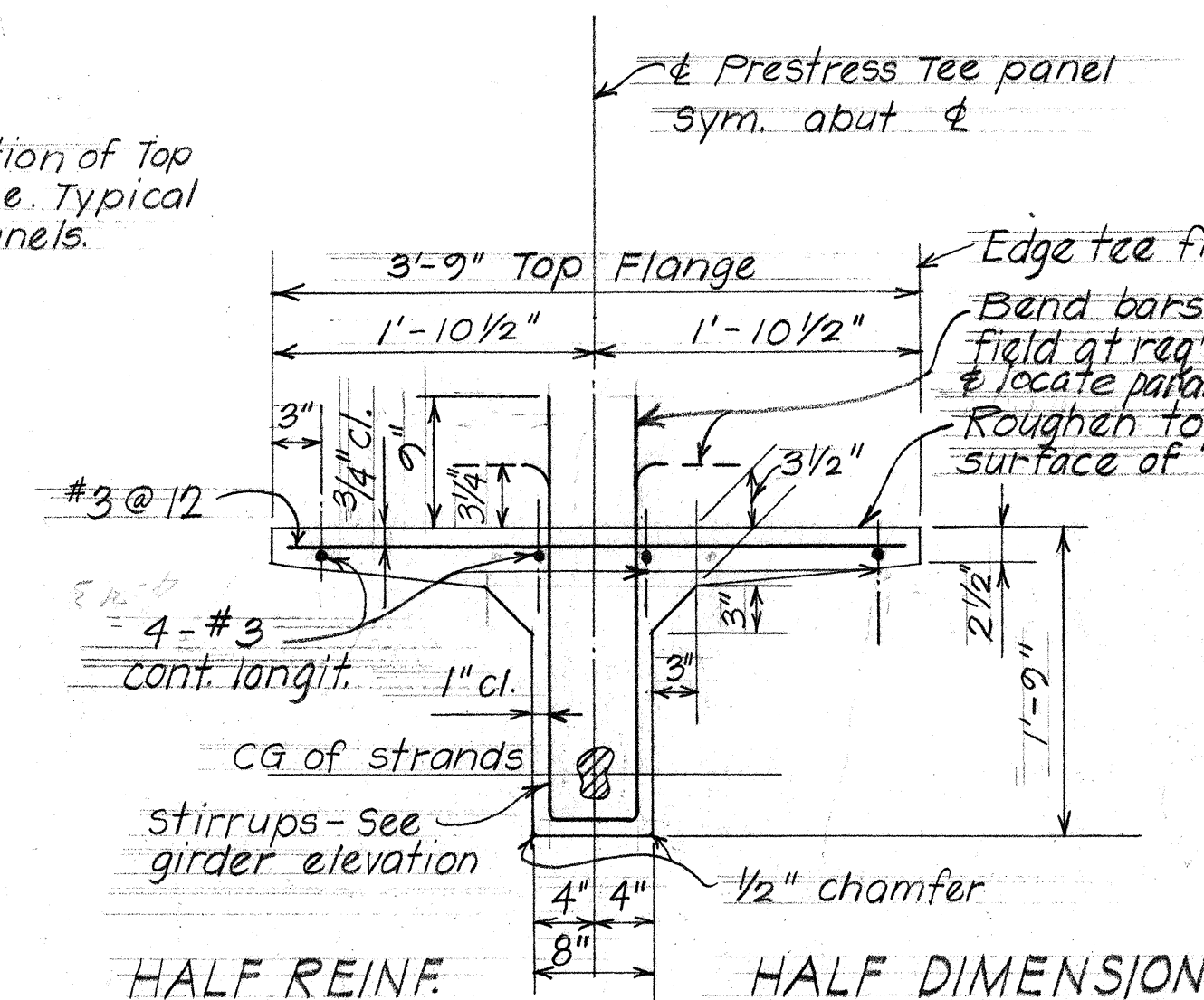
PRESTRESSED TEE DECK FRAMING PLAN

Scale: 1/4" = 1'-0"



TYPICAL PRESTRESSED TEE DETAIL

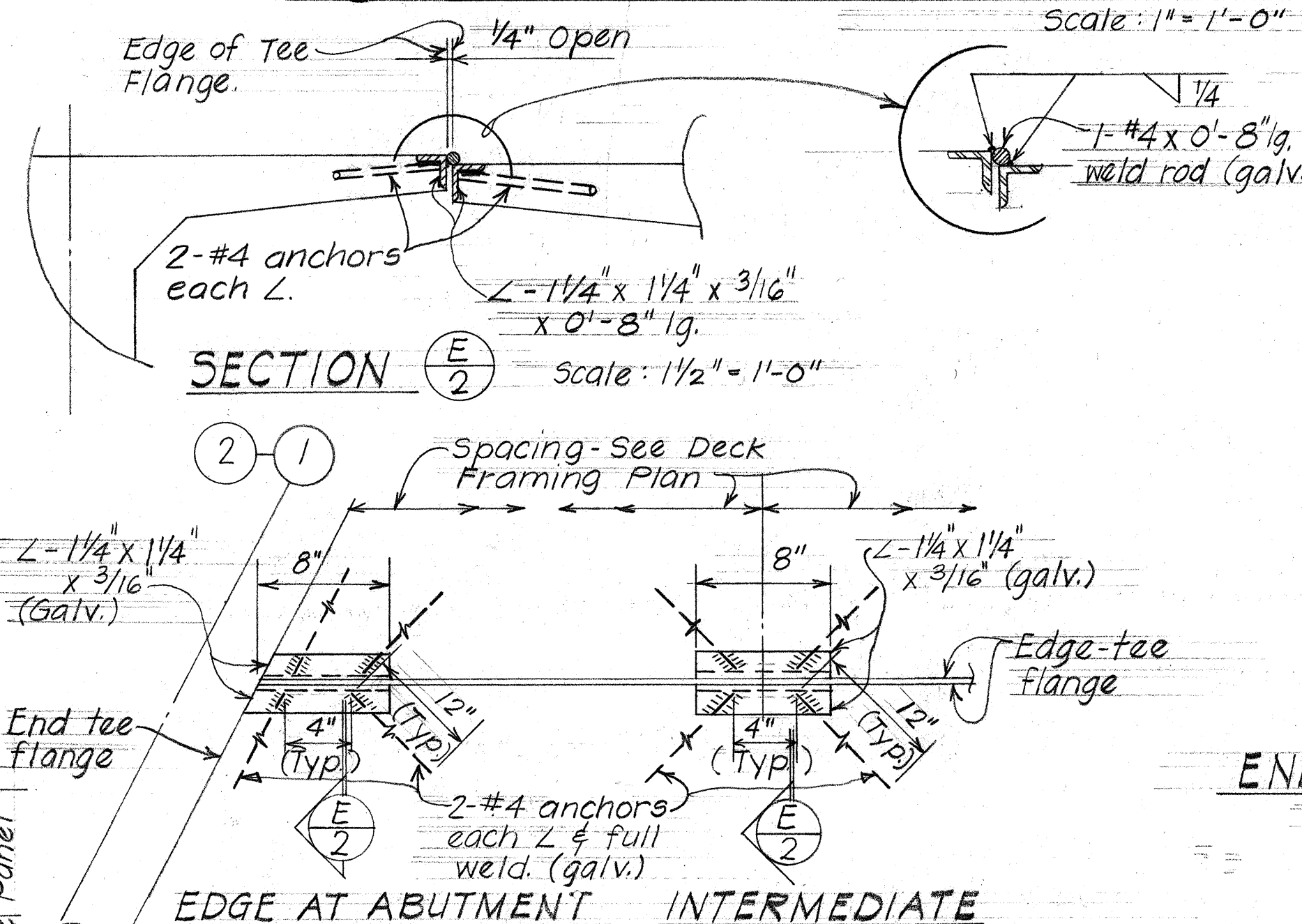
Scale: 1/2" = 1'-0"



INTERMEDIATE (NORMAL)

(A) TYPICAL SECTION THRU PRESTRESS CONCRETE TEE

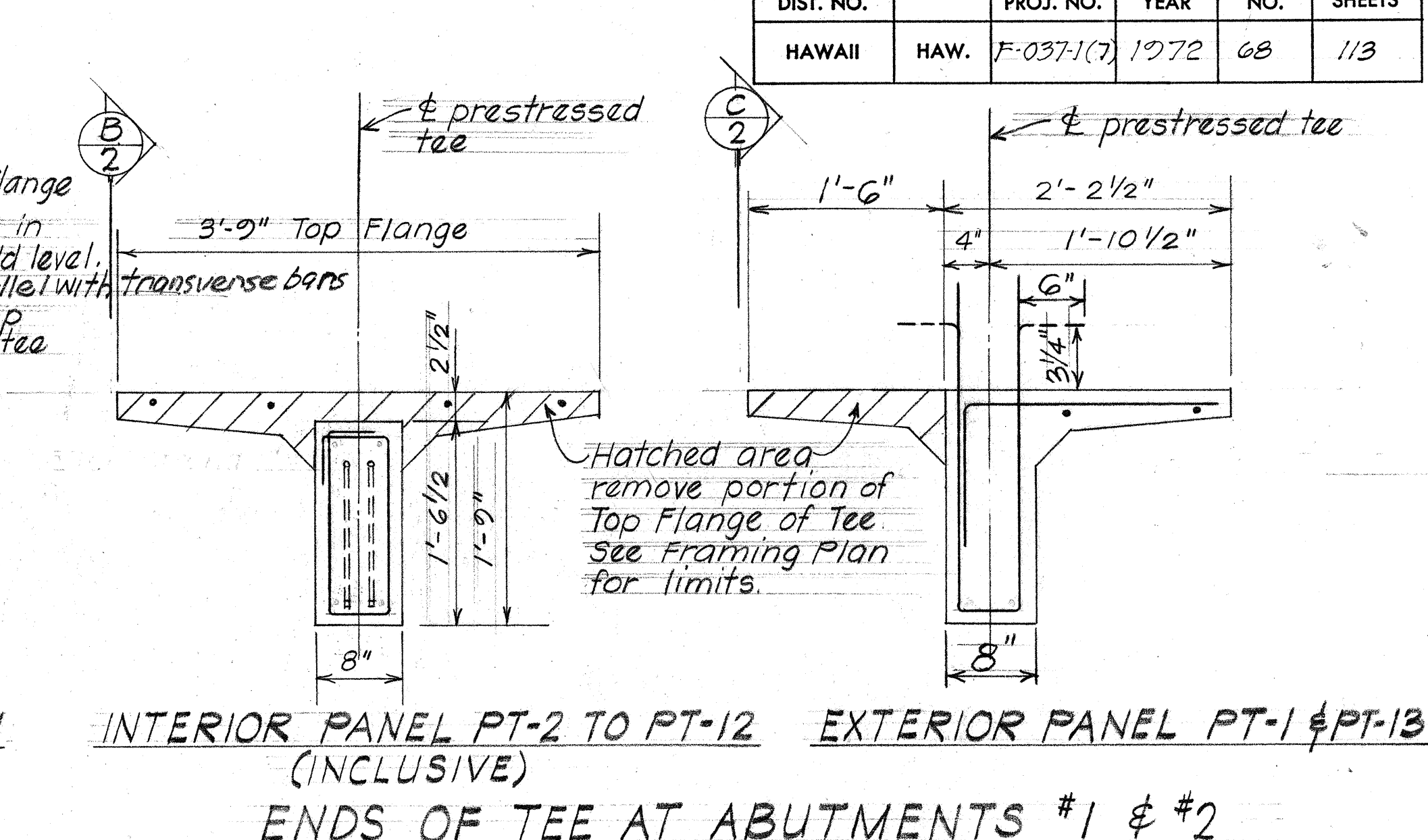
Scale: 1" = 1'-0"



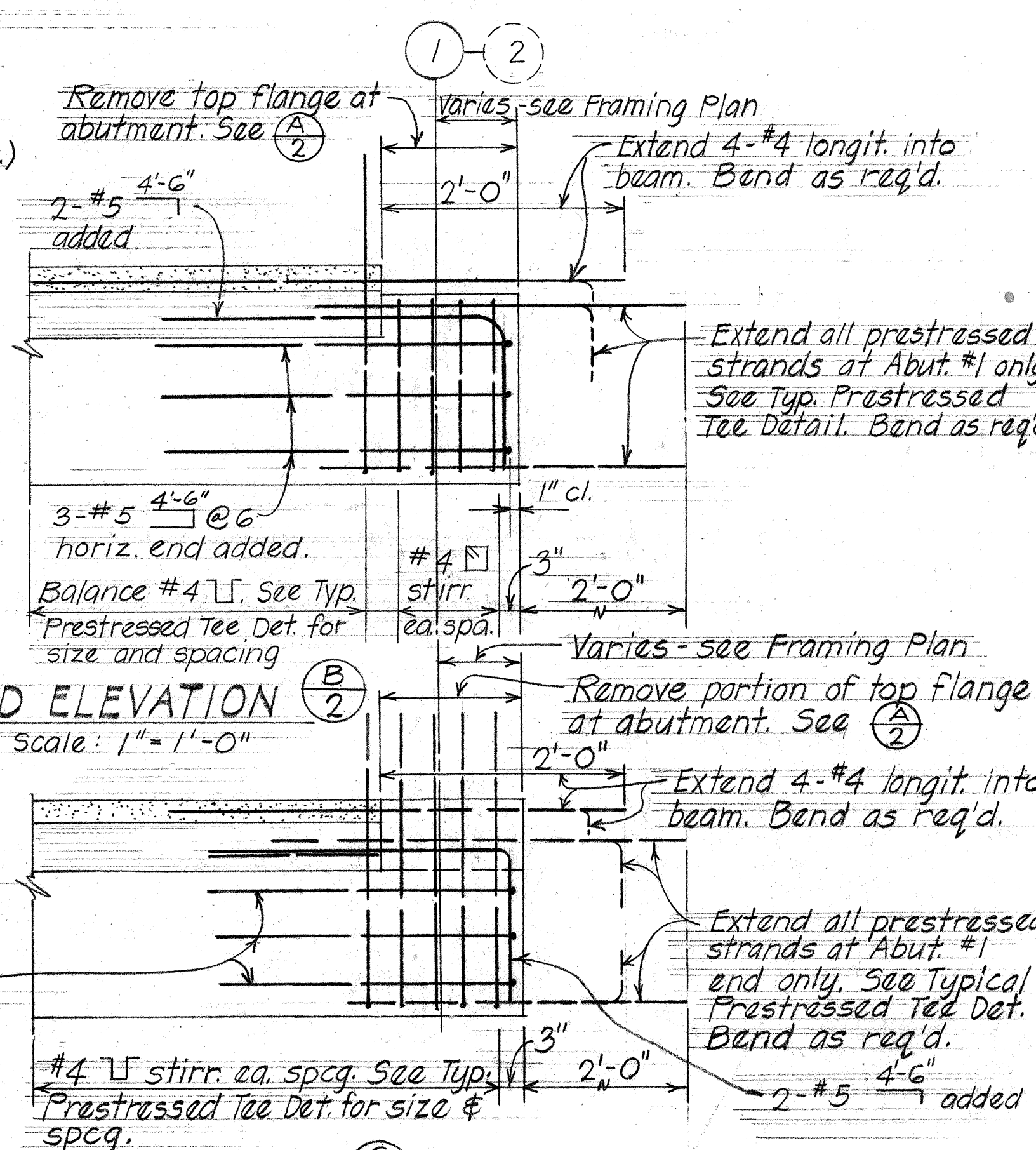
EDGE AT ABUTMENT INTERMEDIATE

PLAN - TYPICAL PRESTRESS TEE FLANGE
EDGE CONNECTION ANGLE DETAILS

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



ENDS OF TEE AT ABUTMENTS #1 & #2



END ELEVATION (B) (C)

END ELEVATION (C) (2)

General Note:

For holes & inserts in prestressed tee for beam connection refer to corresponding beam details.
* Horizontal measurement between prestressed tee & bearing. The Contractor shall determine the total length of the tee.

STATE OF HAWAII
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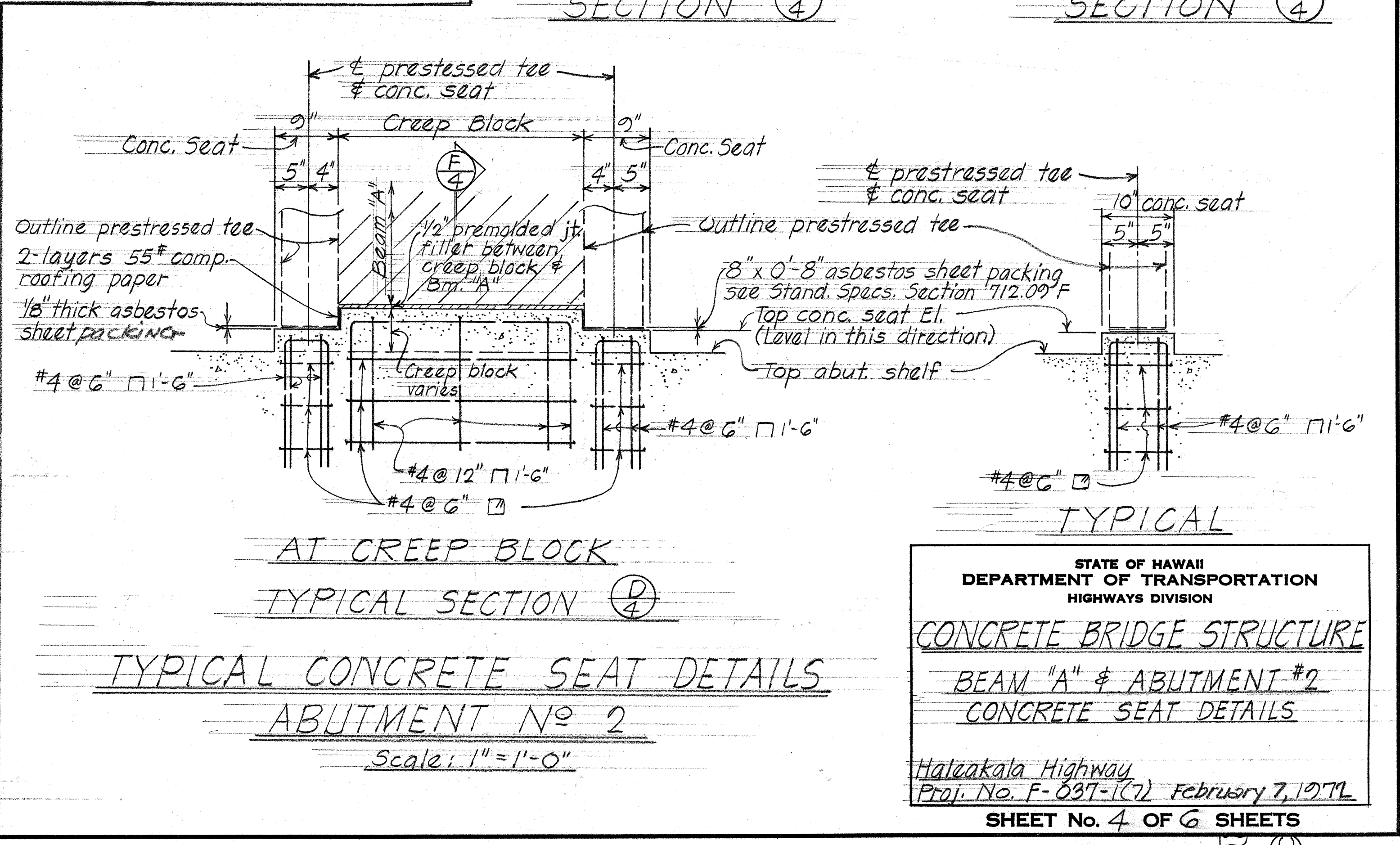
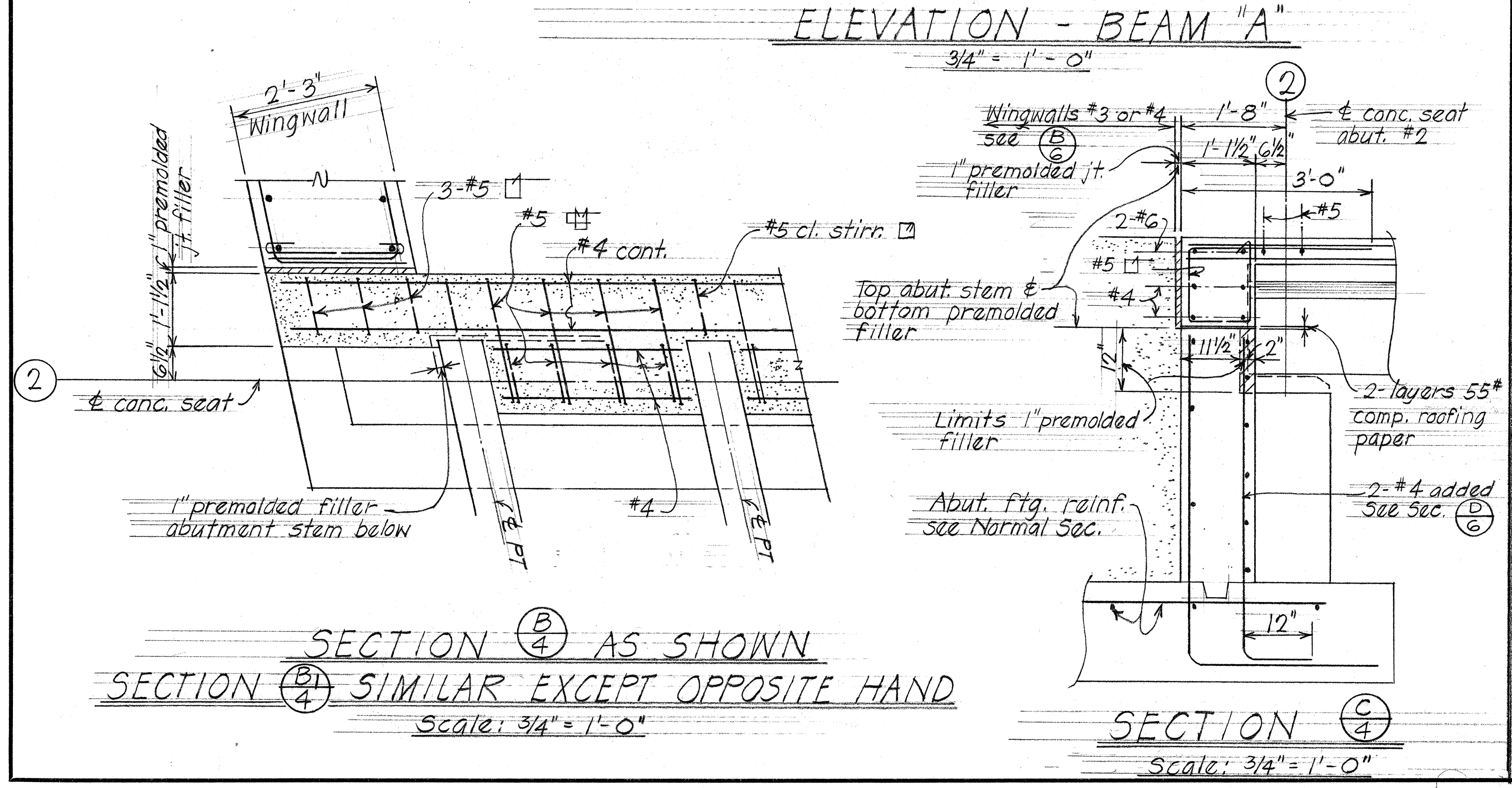
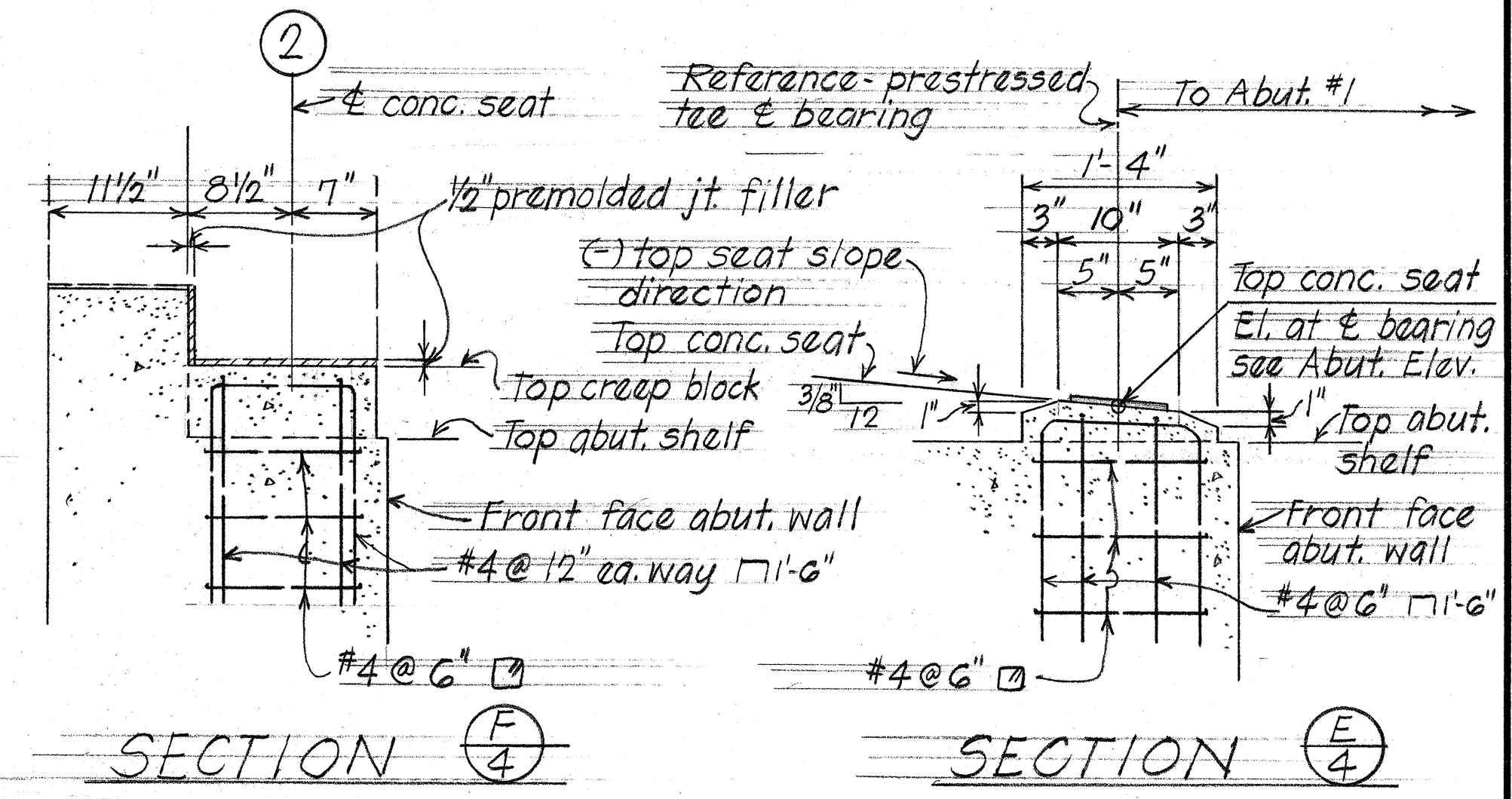
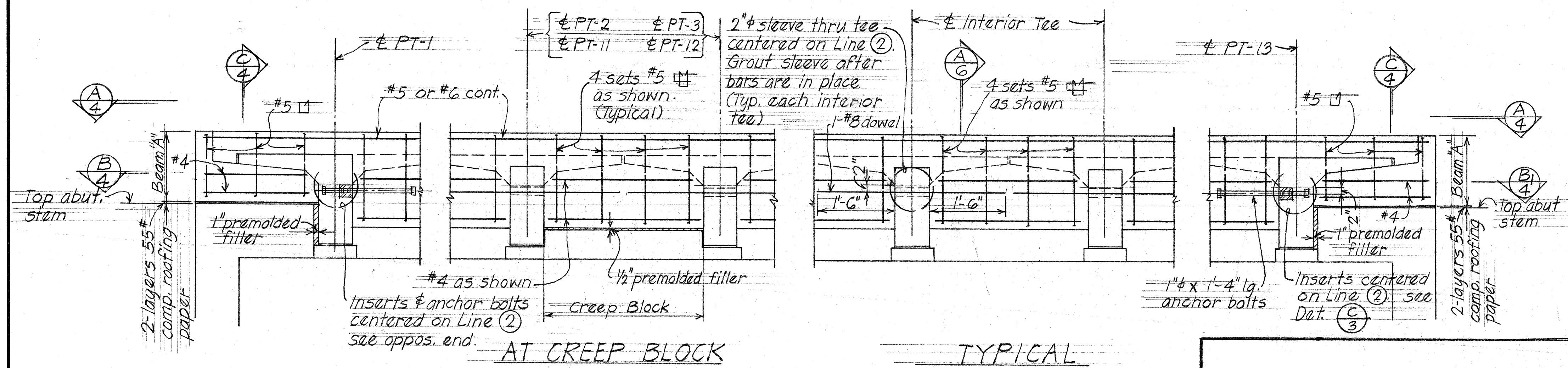
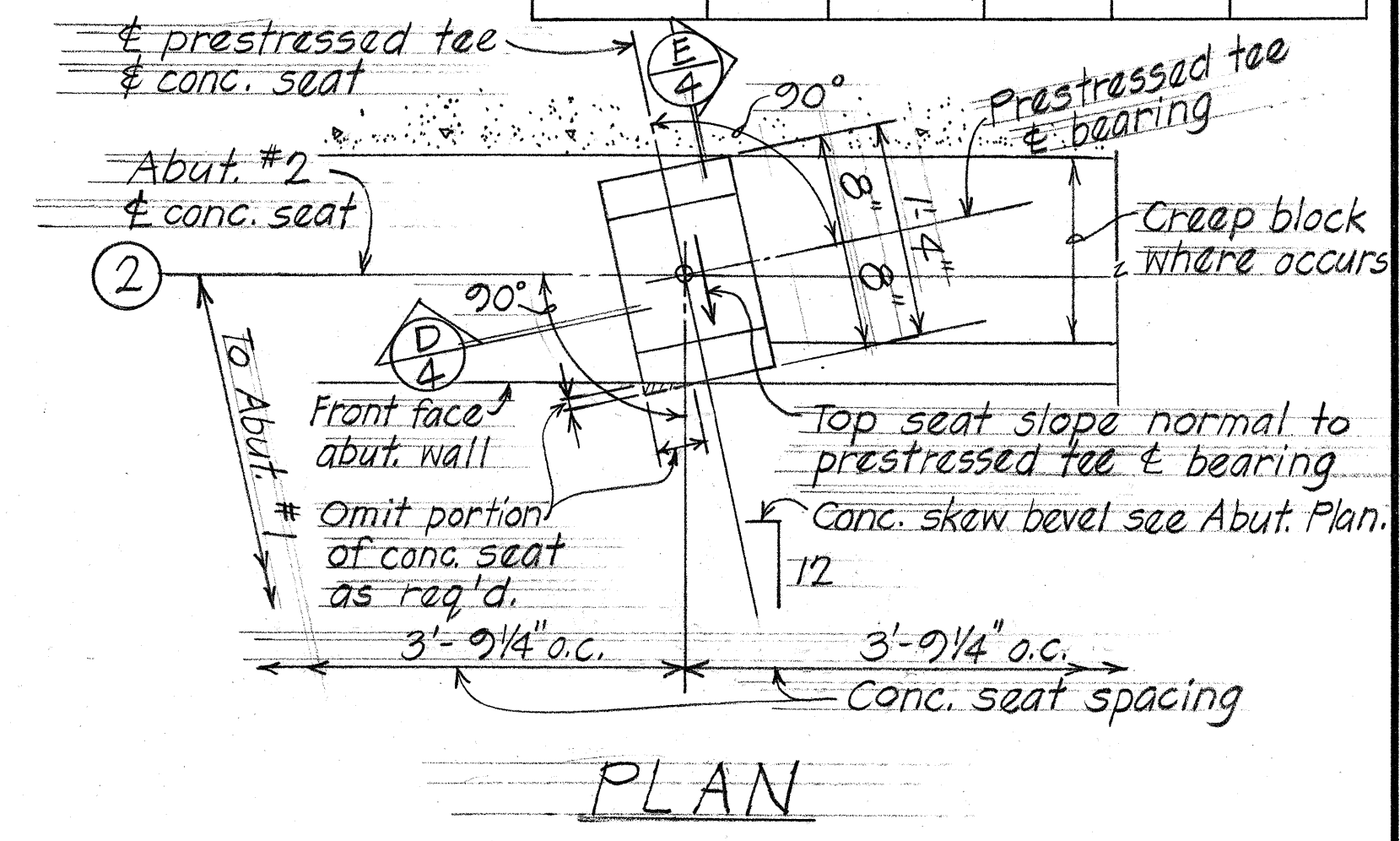
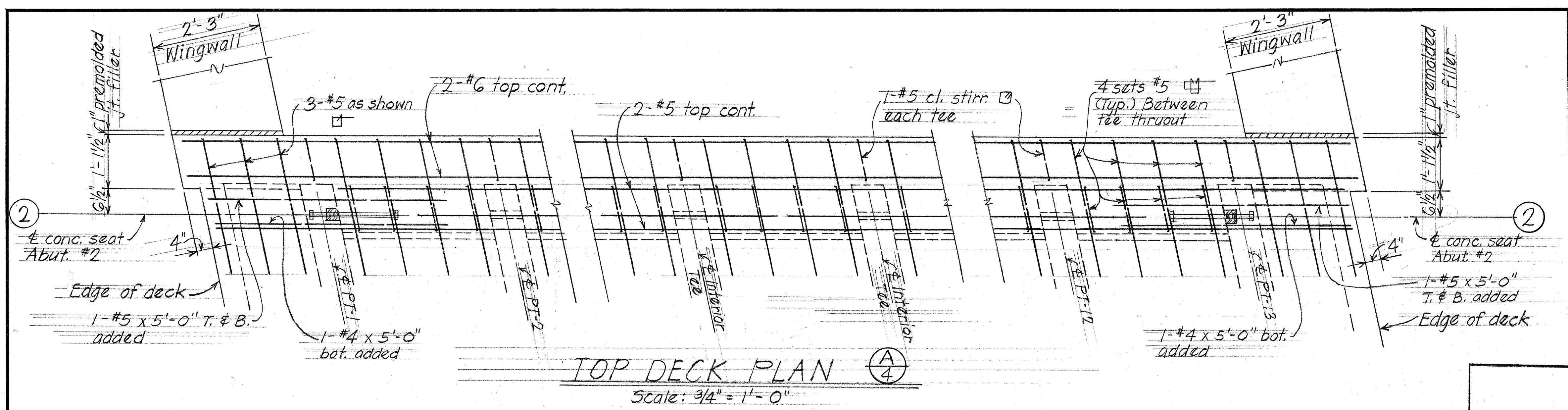
CONCRETE BRIDGE STRUCTURE
PRESTRESSED TEE DETAILS

Haleakala Highway
Proj. No. F-037-1(7) February 7, 1972

SHEET No. 2 OF 6 SHEETS

DESIGNED BY	DATE
CHECKED BY	2/1/72
NOTED BY	
ORIGINAL PLAN	
TRACED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-037-1(7)	1972	70	113



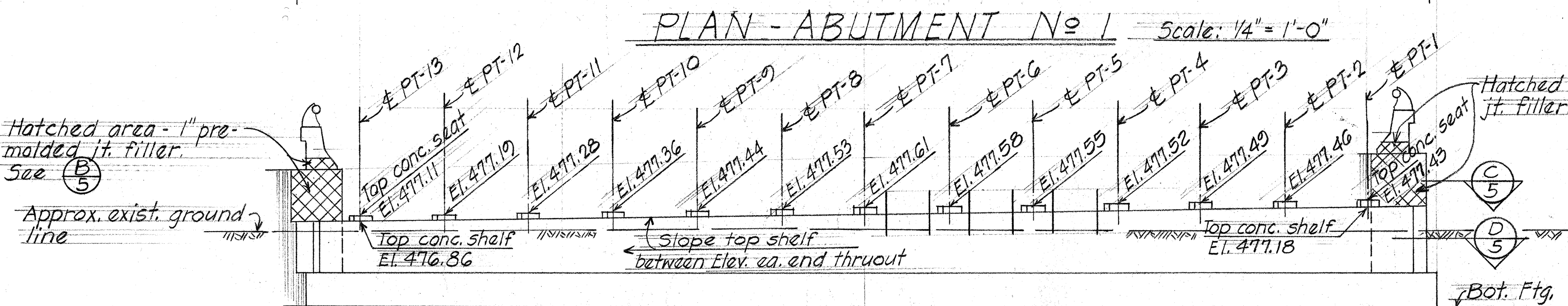
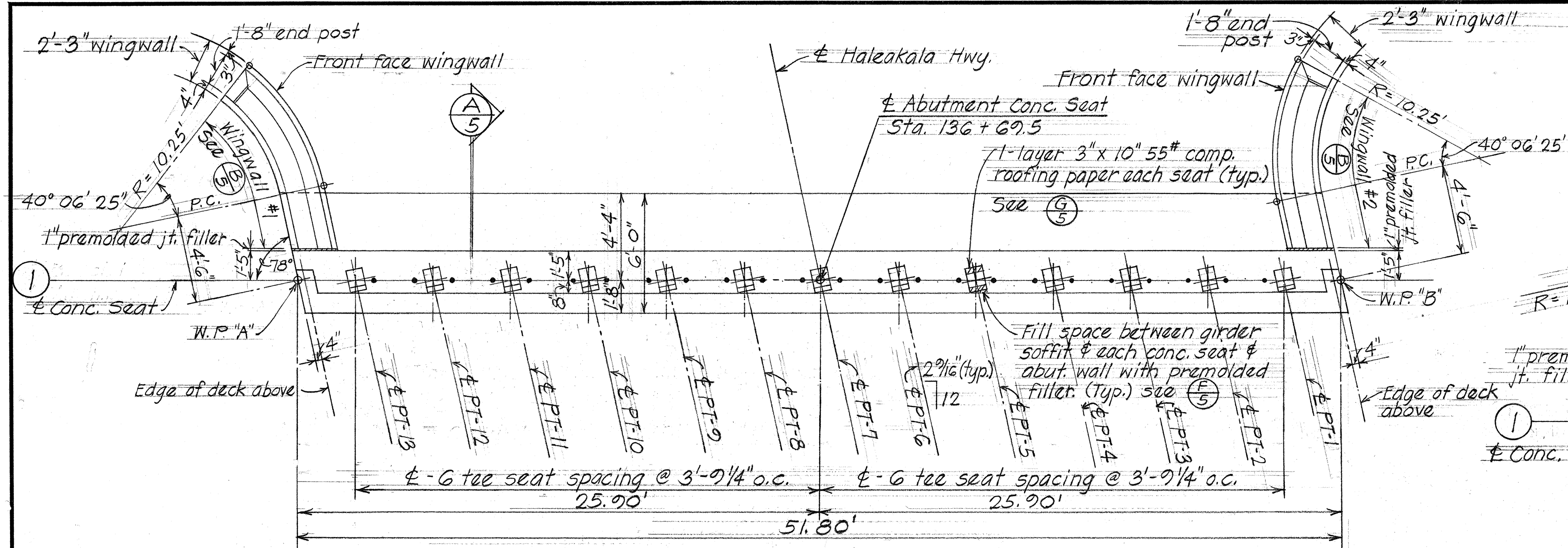
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONCRETE BRIDGE STRUCTURE
BEAM "A" & ABUTMENT #2
CONCRETE SEAT DETAILS

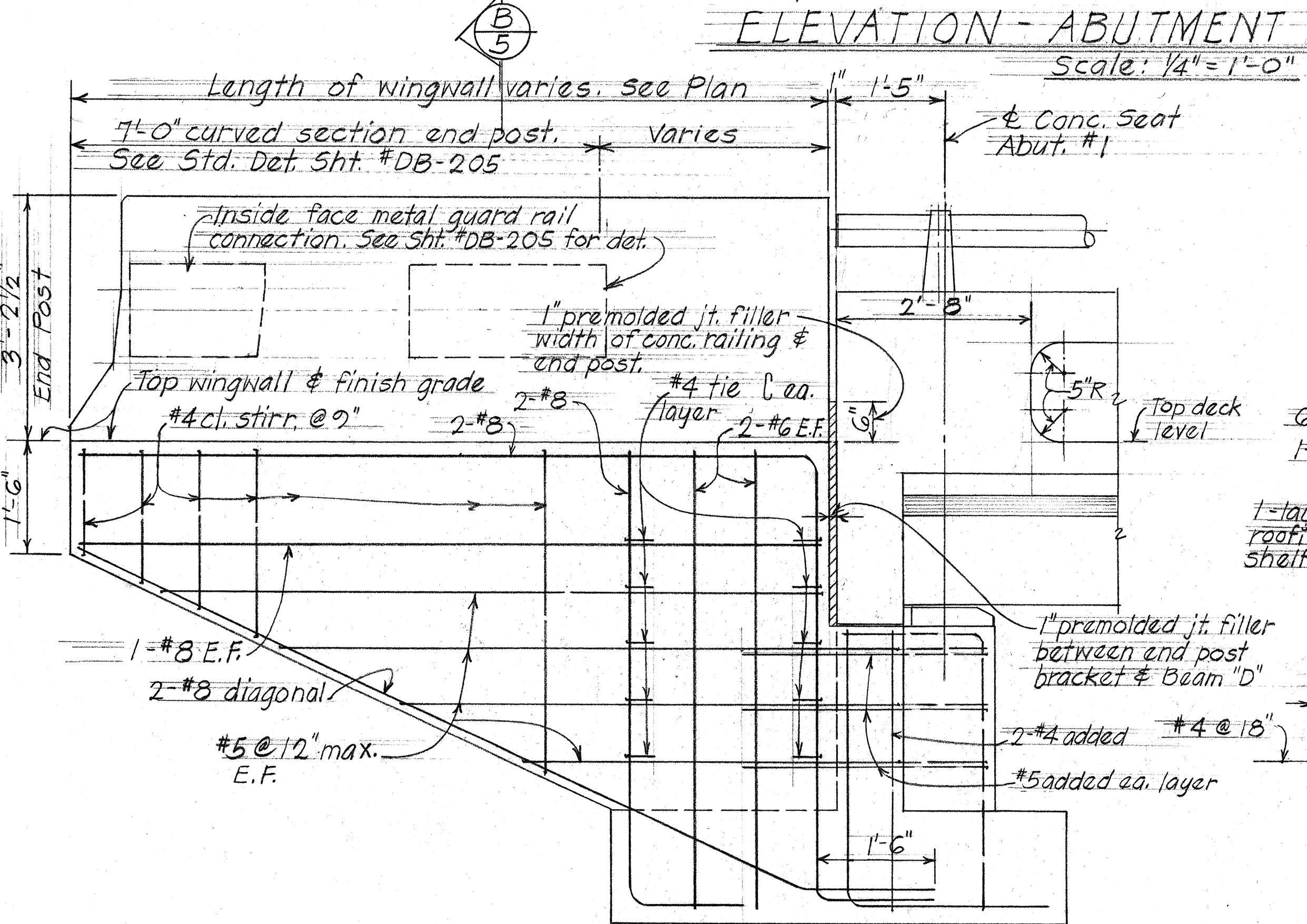
Halzaka Highway
Proj. No. F-037-1(7) February 7, 1971
SHEET No. 4 OF 6 SHEETS

DATE: 2/7/71
DESIGNED BY: SK
CHECKED BY: EV
NOTED BY: L.A.
QUANTITIES BY: SK
ORIGINAL PLAN: 11
NOTE BOOK: 11

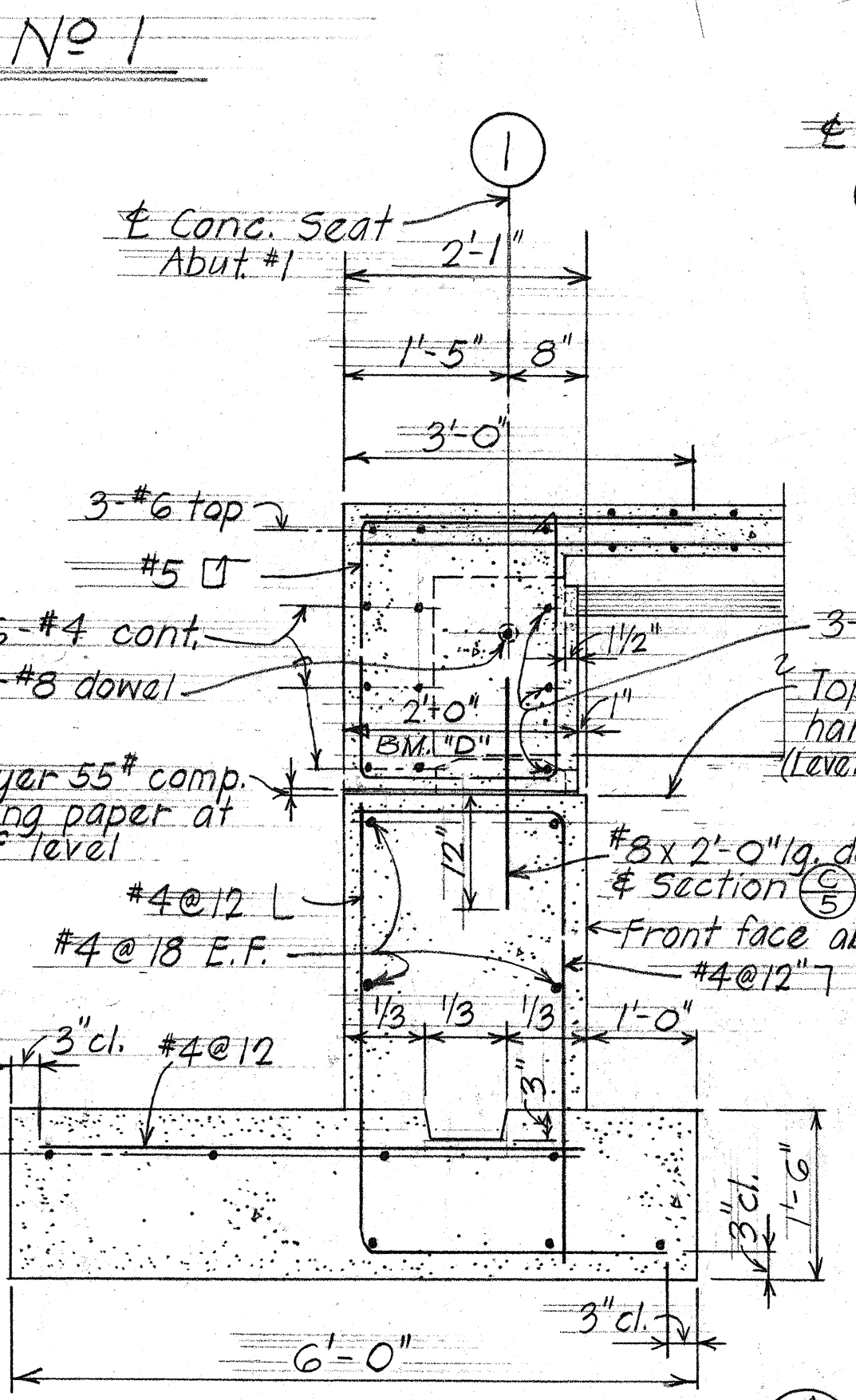
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-037-1(7)	1972	71	113



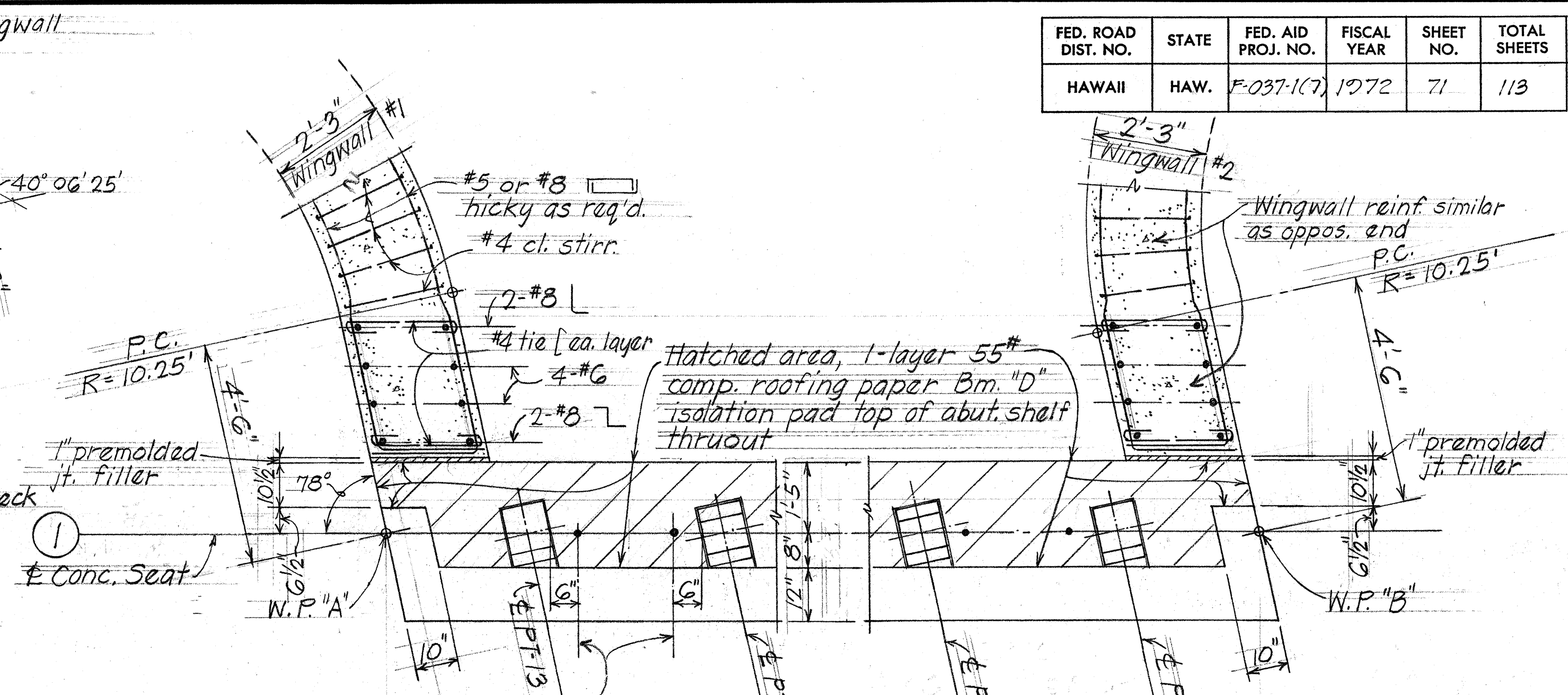
NOTE: Superstructure deck & beam not shown



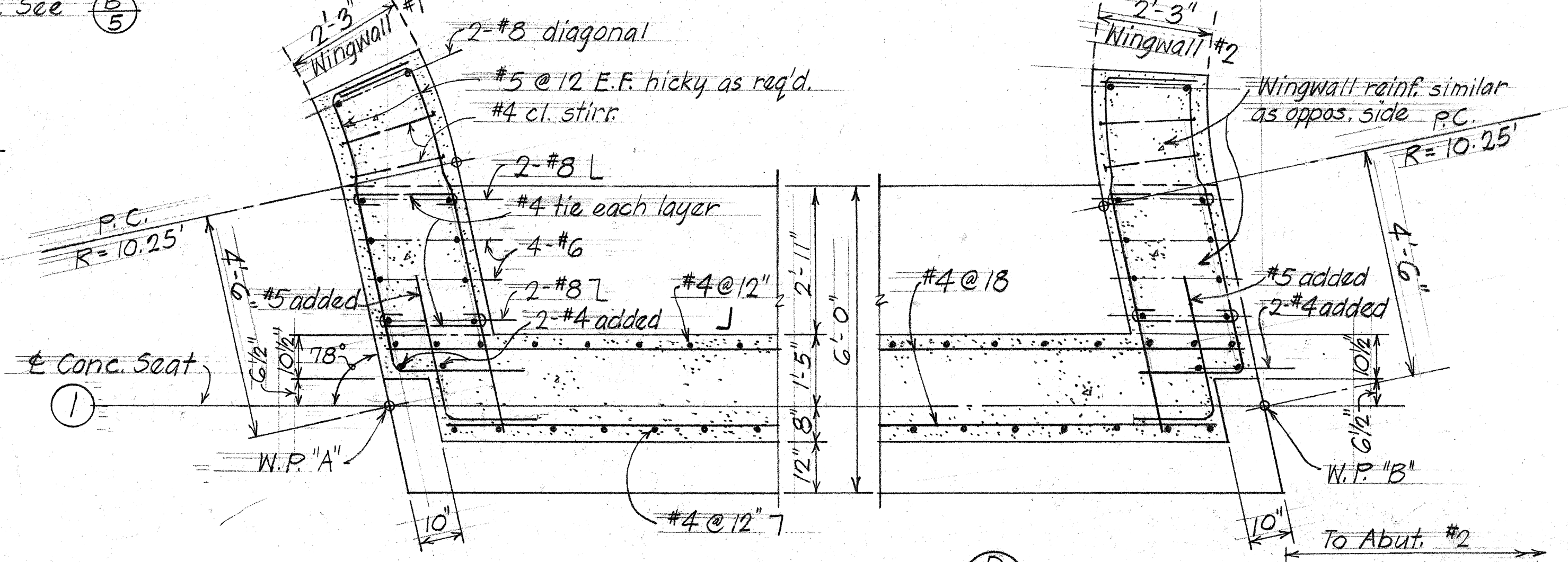
(B) DEVELOPED EXTERIOR ELEVATION - TYPICAL WINGWALLS #1 & #2
Scale: 3/4" = 1'-0"



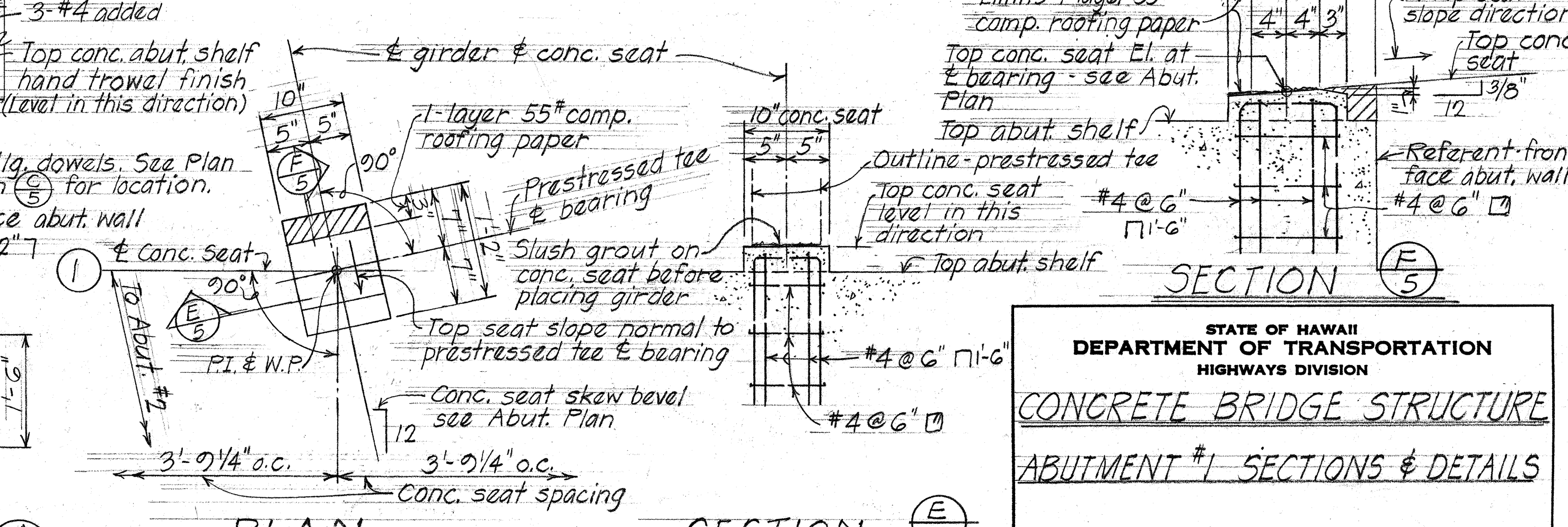
(A) NORMAL SECTION
Scale: 3/4" = 1'-0"



(C) SECTION
Scale: 1/2" = 1'-0"



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

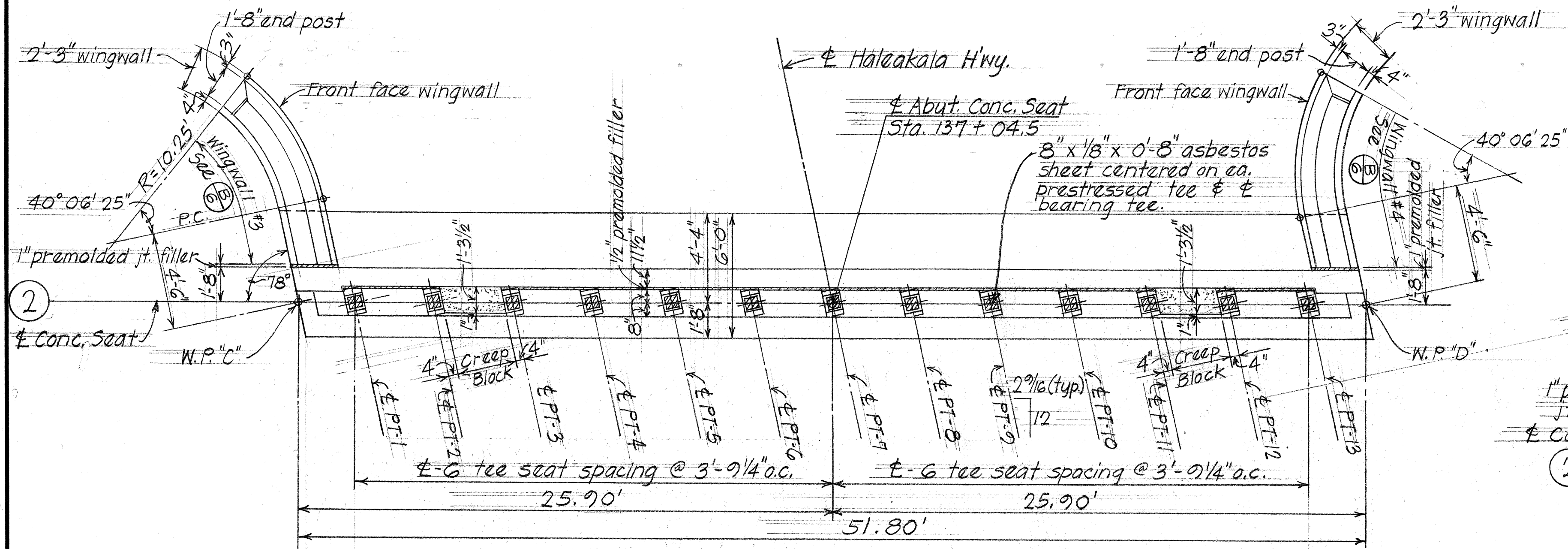


(E) SECTION
Scale: 1" = 1'-0"

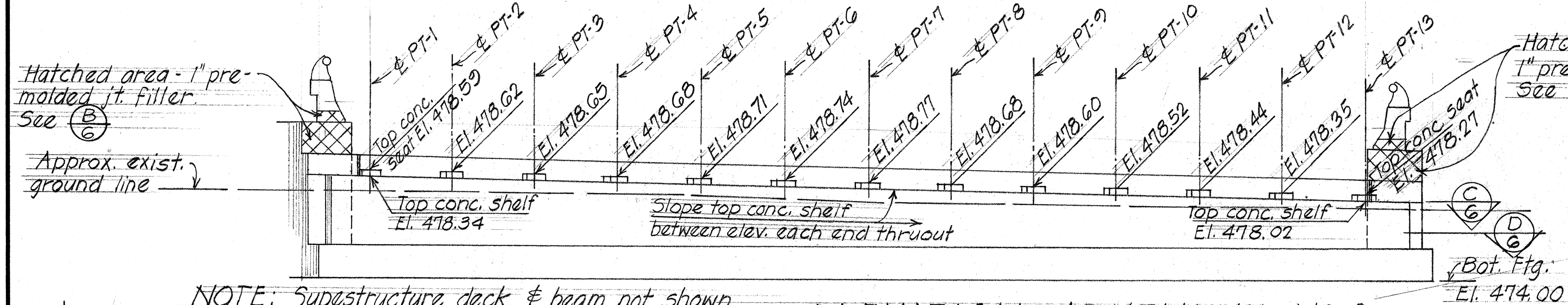
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CONCRETE BRIDGE STRUCTURE
ABUTMENT #1 SECTIONS & DETAILS
Haleakala Hwy.
Proj. No. F-037-1(7) February 7, 1972
SHEET No. 5 OF 6 SHEETS

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
NOTED BY	DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-037-1(7)	1972	72	113



PLAN - ABUTMENT NO 2
Scale: 1/4" = 1'-0"



ELEVATION - ABUTMENT NO 2
Scale: 1/4" = 1'-0"

NOTE: Superstructure deck & beam not shown

Length of wingwall varies. See Plan

7'-0" curved section end post. See Std. Det. Sht. #DB-205

Inside face metal guard rail connection. See Sht. #DB-205 for det.

1" premolded jt. filler - width of conc. railing & end post

#4 cl. stirr. @ 9"

Top wingwall & finish grade

2-#8

#4 tie each layer

#6 E.F.

1-#8 E.F.

2-#8 diag.

#5 @ 12" horiz each face

1'-6"

1'-6"

2-#4 added

#5 added each layer

1'-6"

1'-6"

1'-6"

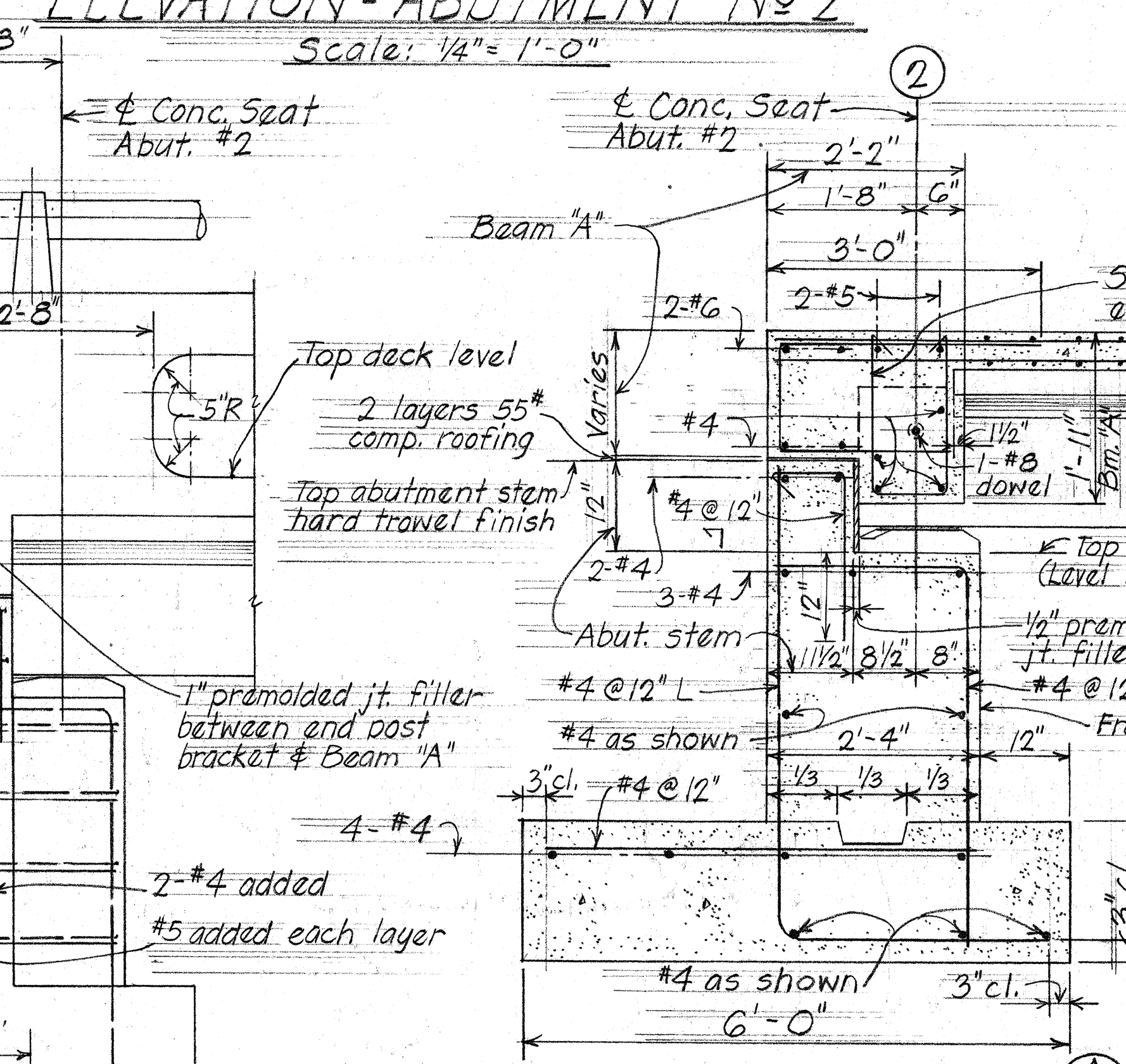
1'-6"

1'-6"

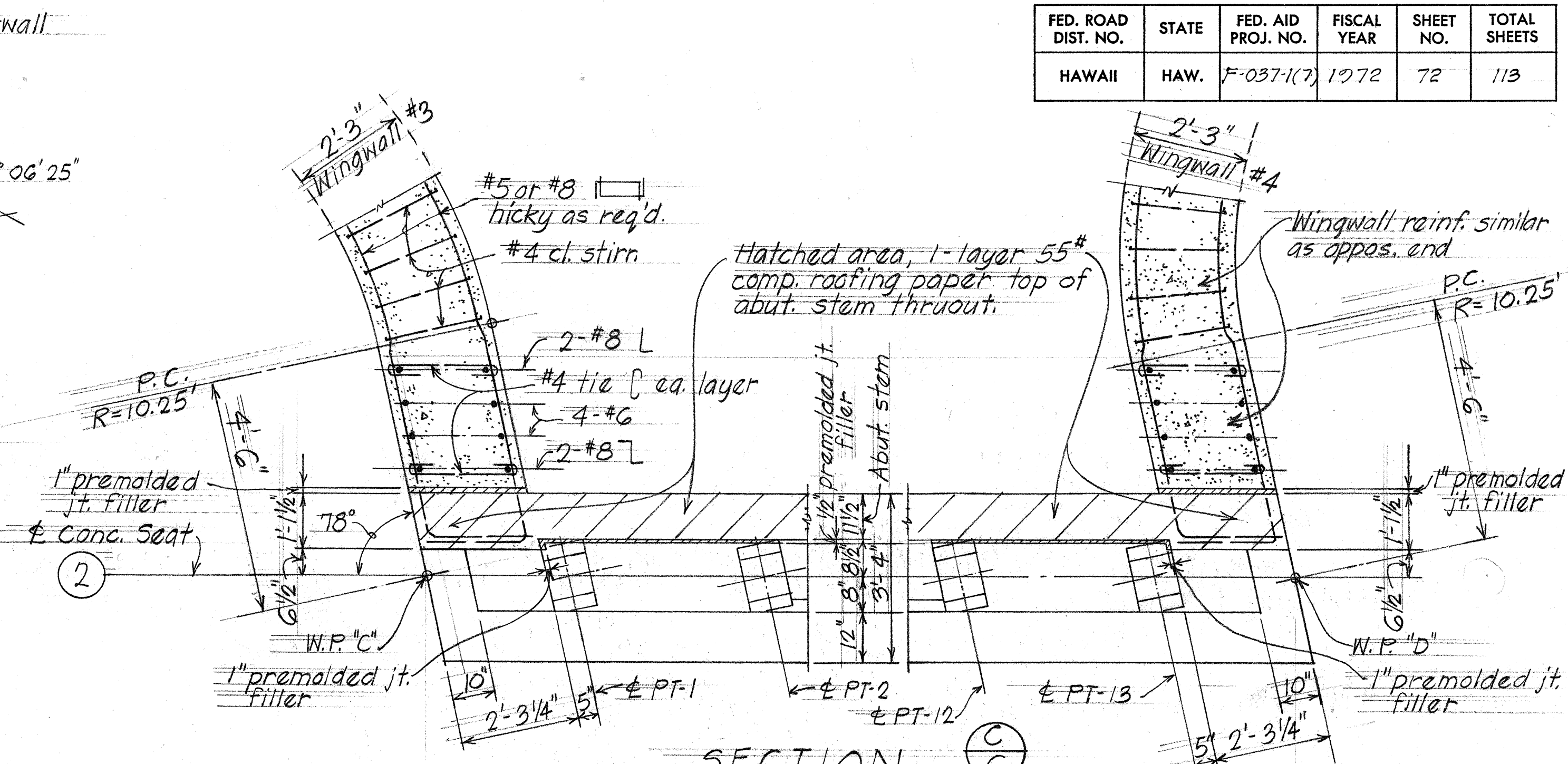
1'-6"

1'-6"

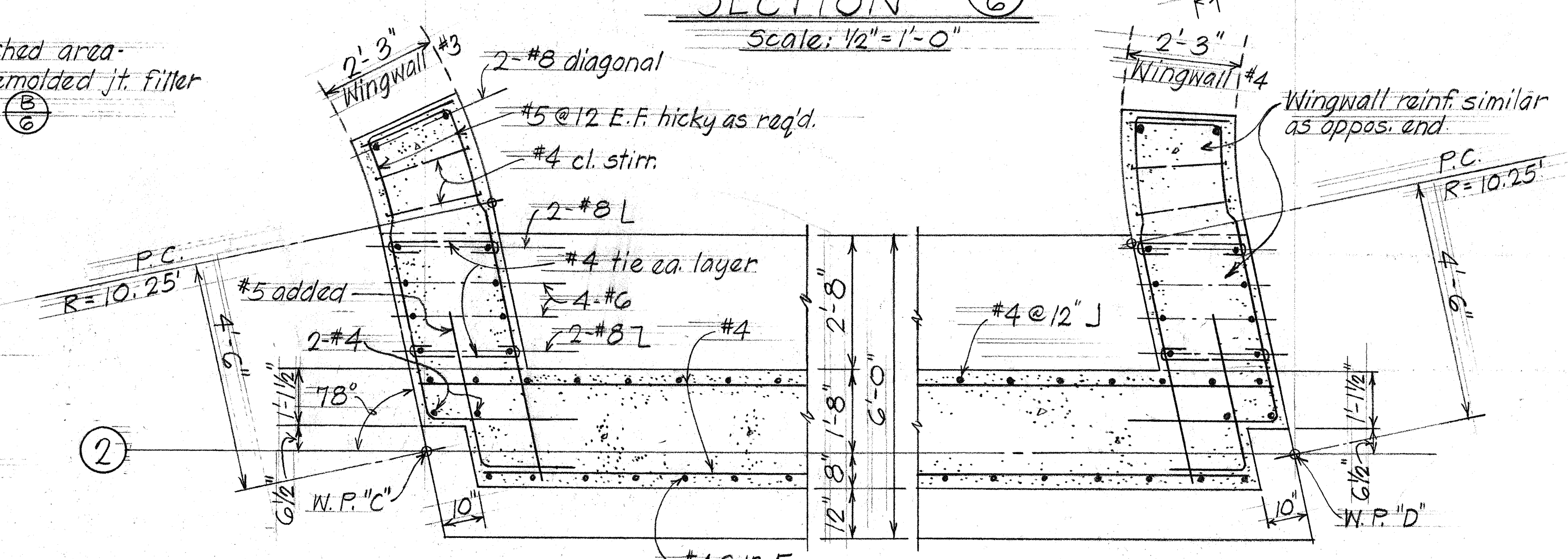
DEVELOPED EXTERIOR ELEVATION - TYPICAL WINGWALLS #3 & #4
Scale: 3/4" = 1'-0"



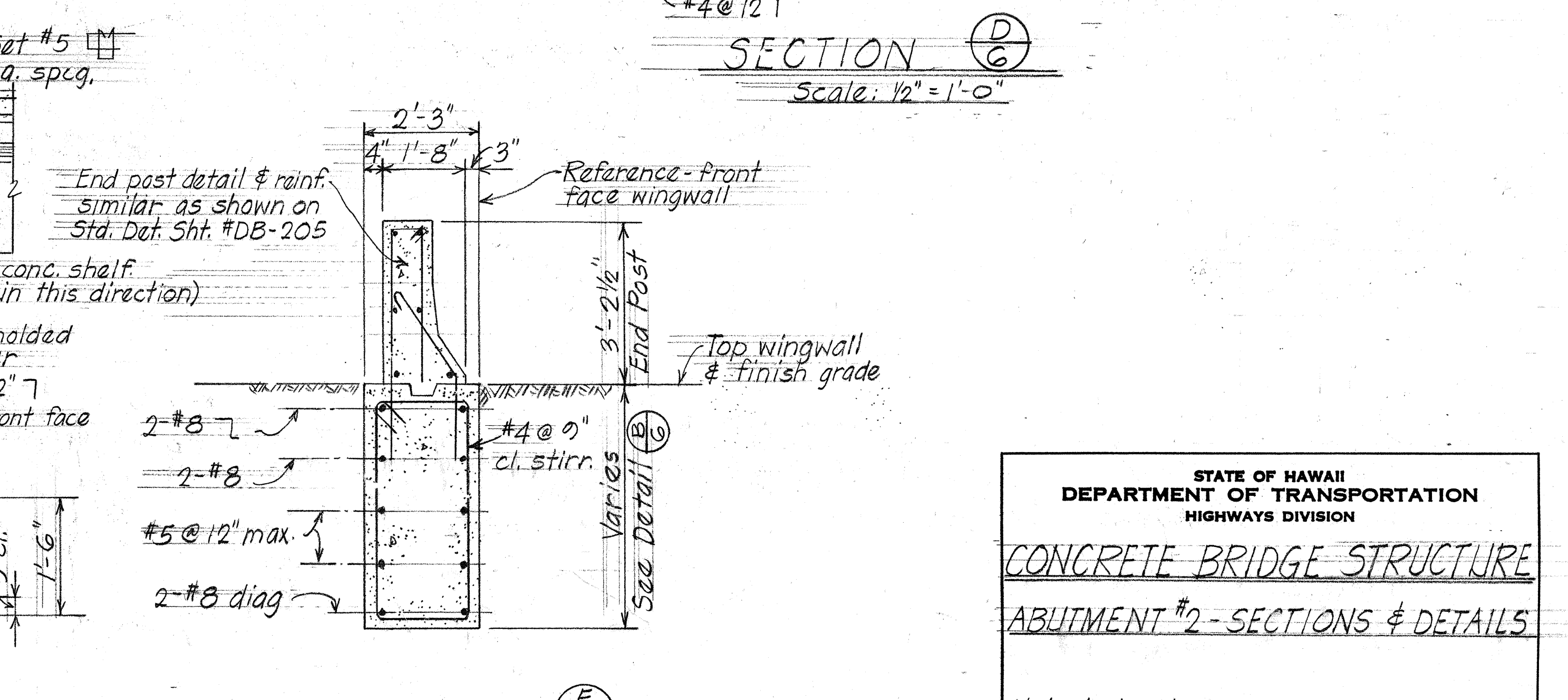
NORMAL SECTION
Scale: 3/4" = 1'-0"



SECTION C-C
Scale: 1/2" = 1'-0"



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



SECTION E-E
Scale: 1/2" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONCRETE BRIDGE STRUCTURE
ABUTMENT #2 - SECTIONS & DETAILS

Haleakala Hwy.
Proj. No. F-037-1(7) February 7, 1972

SHEET No. 6 OF 6 SHEETS