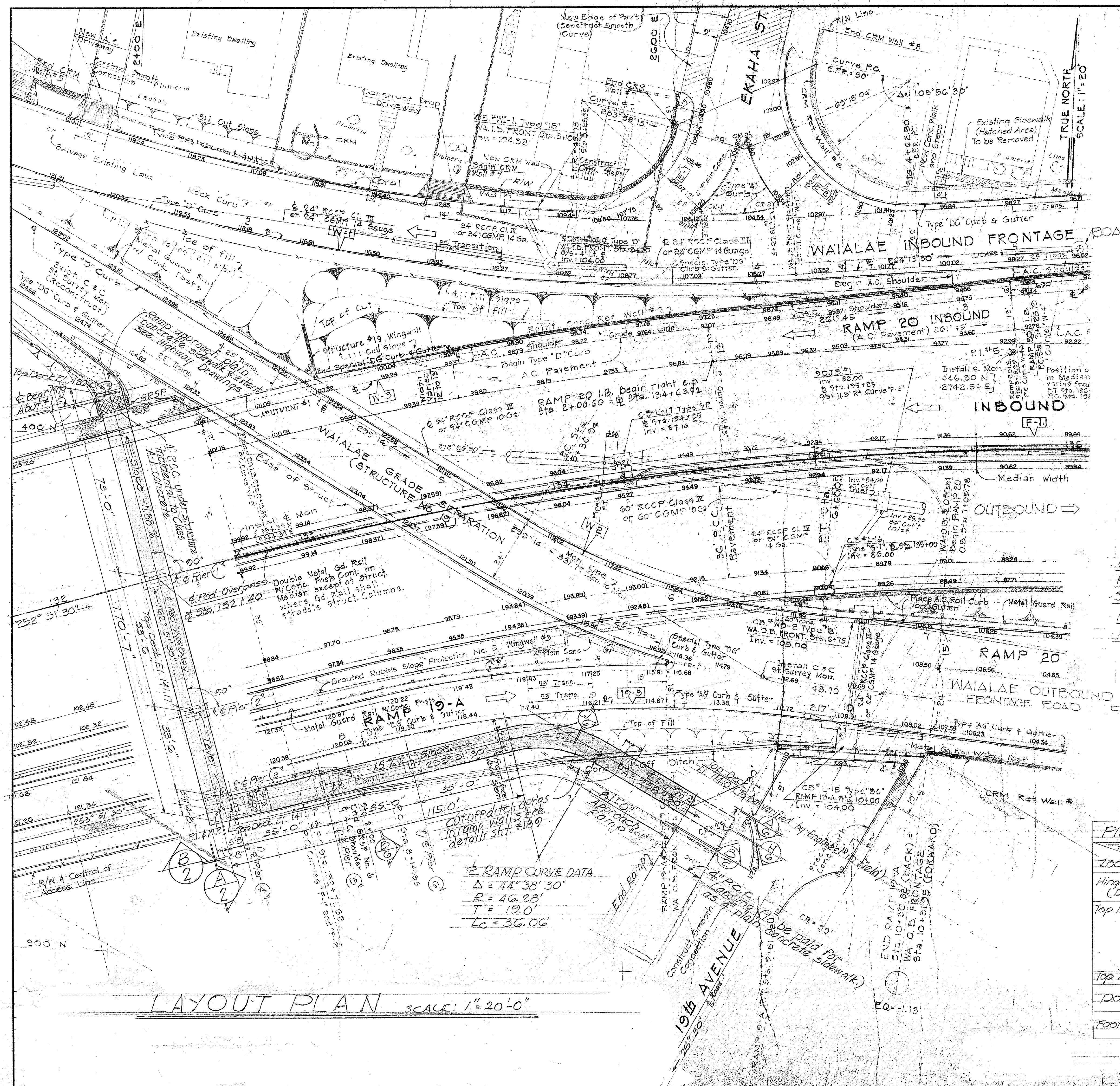




GENERAL NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(6) UNIT 2	1968	188	203

MATERIALS

- Concrete**
 1. All concrete shall be Class A-1 except concrete for Prestress Tees. Concrete for Prestress Tees - see Special Provisions.

CONSTRUCTION METHODS

- Forms**
 1. Forms for all exposed surfaces of structures (except prestress beams) shall be plywood. Forms for prestress Tees shall be made of material that results in a smooth finish and true dimensions as shown in the plans.

Finish

1. Top surfaces of Deck, Ramps, Landings and Ramp Slab on ground shall have a rough wearing surfacing produced by sprinkling 2 1/2" of #16 abrasive aggregate on fresh concrete and finishing it with a wood trowel. See Special Provisions. Unless otherwise noted, all exposed corners shall be chamfered 3/4".

Repairs to Galvanizing on Railings - See Sec. 44.3(I) of Standard Specifications

Painting

1. All galvanized pipe railing, connection fl., bolts and washers shall be painted. See Special Provisions.

GENERAL

1. For additional General Notes see Standard Bridge Detail Drawing Sht #202.
 2. All neoprene pads and steel bearing assemblies are incidental to concrete and will not be paid for separately.
 3. Footings to be excavated & poured to neat lines.

ESTIMATED QUANTITIES

CONCRETE-CLASS A-1 - LUMP SUM (201 c.y.)
 REINFORCING STEEL - LUMP SUM (43,500 lbs.)
 STRUCTURAL EXCAVATION - 177.0 c.y.
 PRESTRESSED CONCRETE TEE GIRDER 341.17 Ln.Ft.
 METAL PIPE RAILING - 718.17 LIN.FT.

FOOTING SCHEDULE

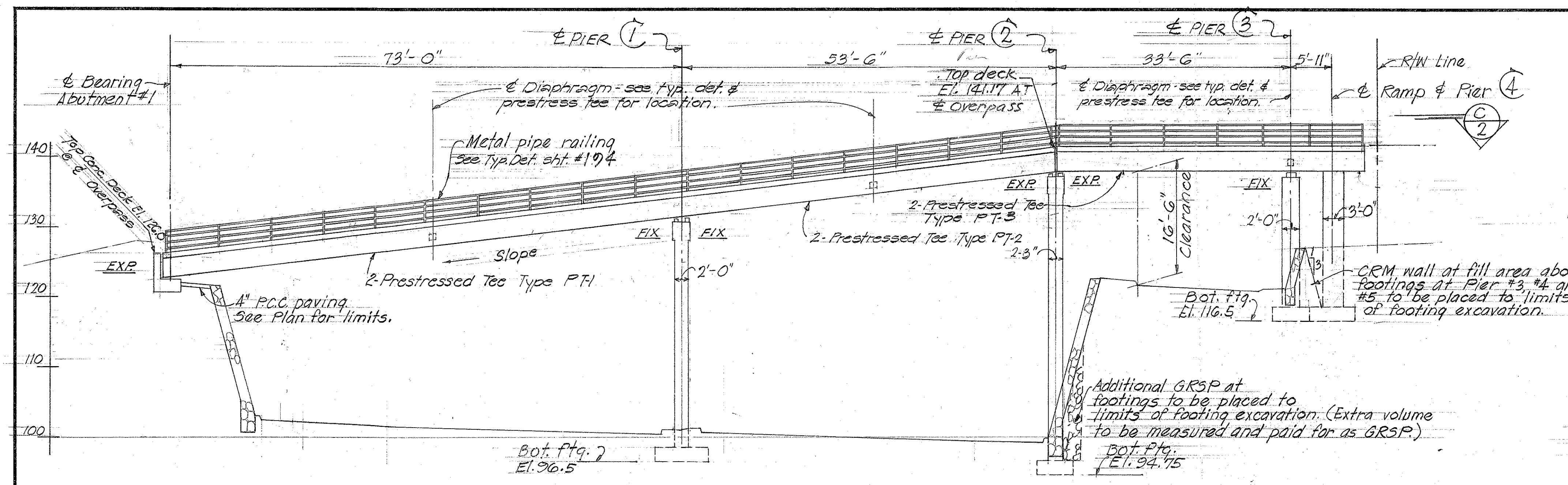
Type	Size	Depth	Reinforcement Short Way/Long Way	Remarks
F-1	12'-3" x 5'-6"	2'-0"	17-#4 6-#9	Place Main Bolt layer of bars along long direction of footing.
F-2	11'-6" x 5'-3"	2'-0"	16-#4 6-#8	Place Main Bolt layer of bars along long direction of footing.
F-3	9'-0" x 8'-6"	2'-0"	9-#10 8-#10	Place Main Bolt layer of bars along long direction of footing.
F-4	6'-9" x 9'-6"	2'-0"	9-#8 7-#8	Place Main Bolt layer of bars along long direction of footing.

PIER COLUMN SCHEDULE

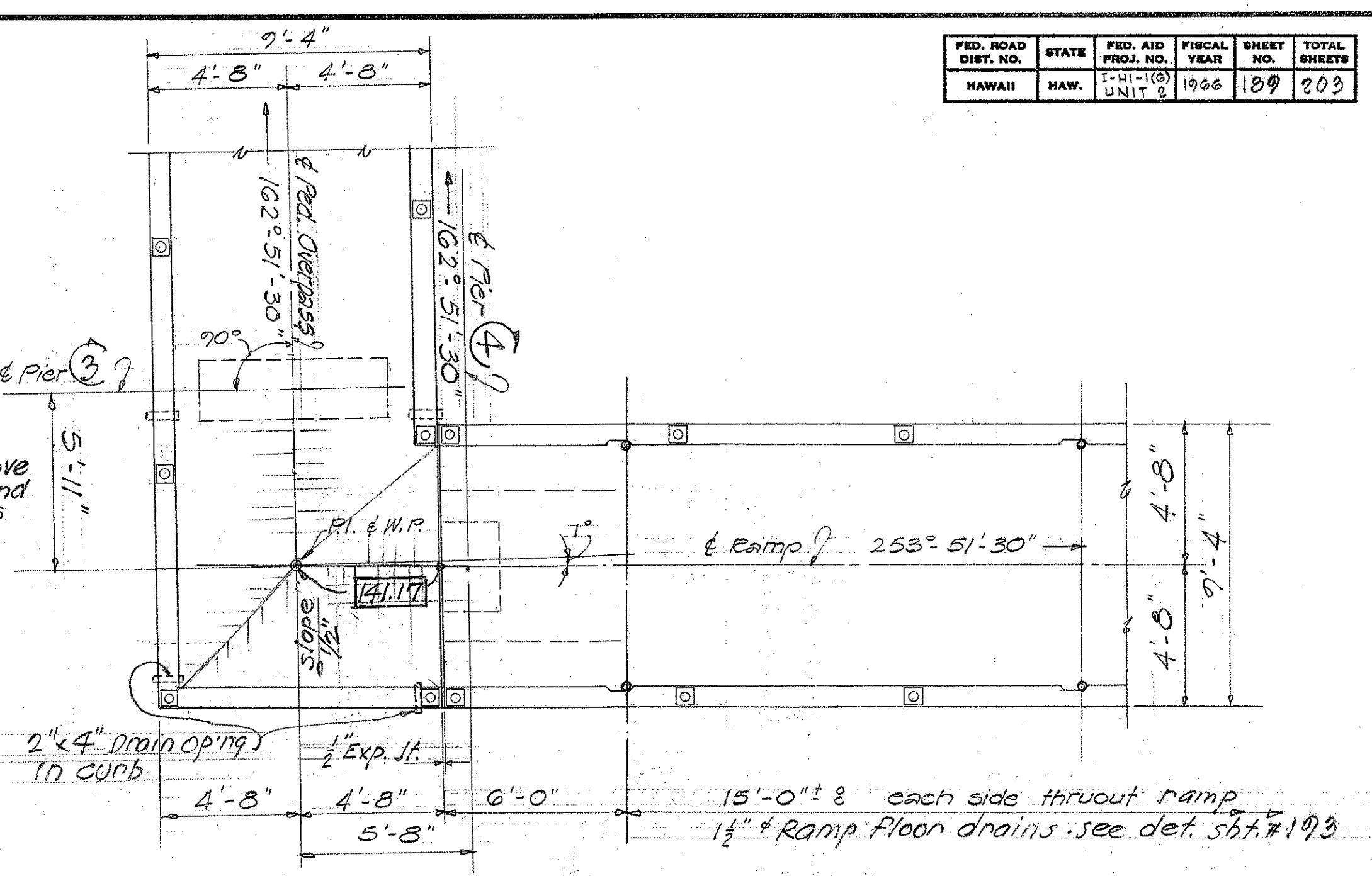
PIER LOCATION	1	2	3	4	5	6
Hinge Top (Dowels)				6-#11	6-#11	6-#11
Top Pier Column	2'-0" x 6'-3"	18'-4"	2'-0" x 6'-3"	2'-0" x 6'-3"	2'-0" x 6'-3"	2'-0" x 6'-3"
Top Footing	2'-0" x 6'-3"	18'-4"	2'-0" x 6'-3"	2'-0" x 6'-3"	2'-0" x 6'-3"	2'-0" x 6'-3"
Dowels	18-#11	20-#11	18-#11	18-#11	22-#11	22-#11
Footing Type	F-1	F-2	Combined F-1, F-2	F-4	F-3	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PEDESTRIAN OVERPASS
STRUCTURE # 19-A
 13 STA. 132+40
 INTERSTATE HIGHWAY (LUNALILO FWY.)
 F.A.I. PROJ. NO. 1-HI-1(6) UNIT 2
 SCALE: 1"=20'

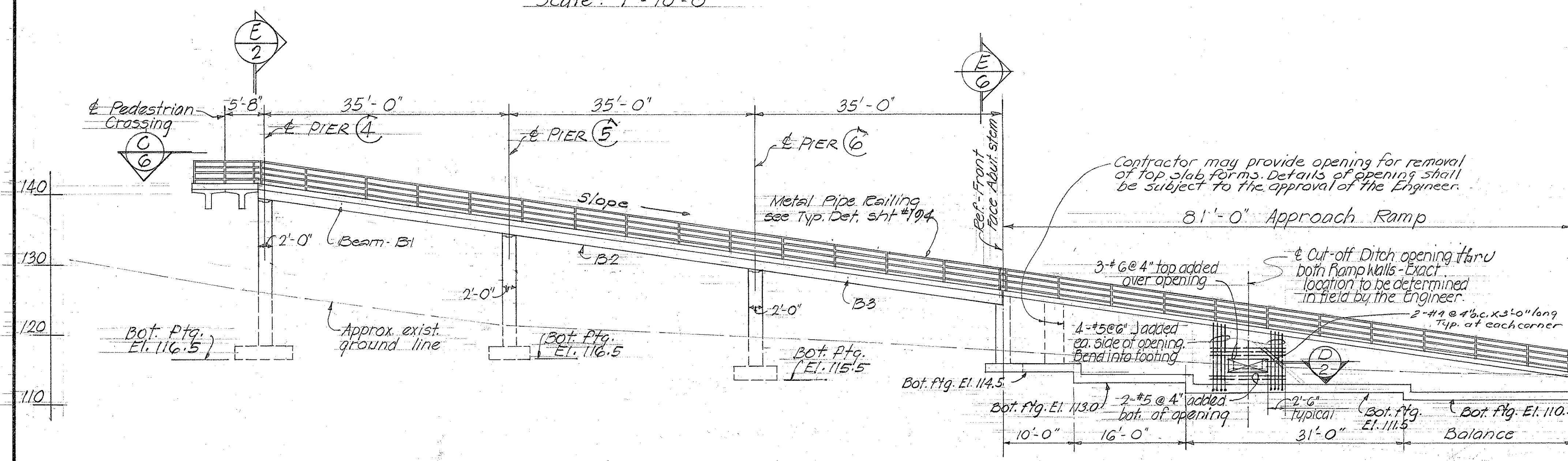
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-41-1(G)	1966	189	203



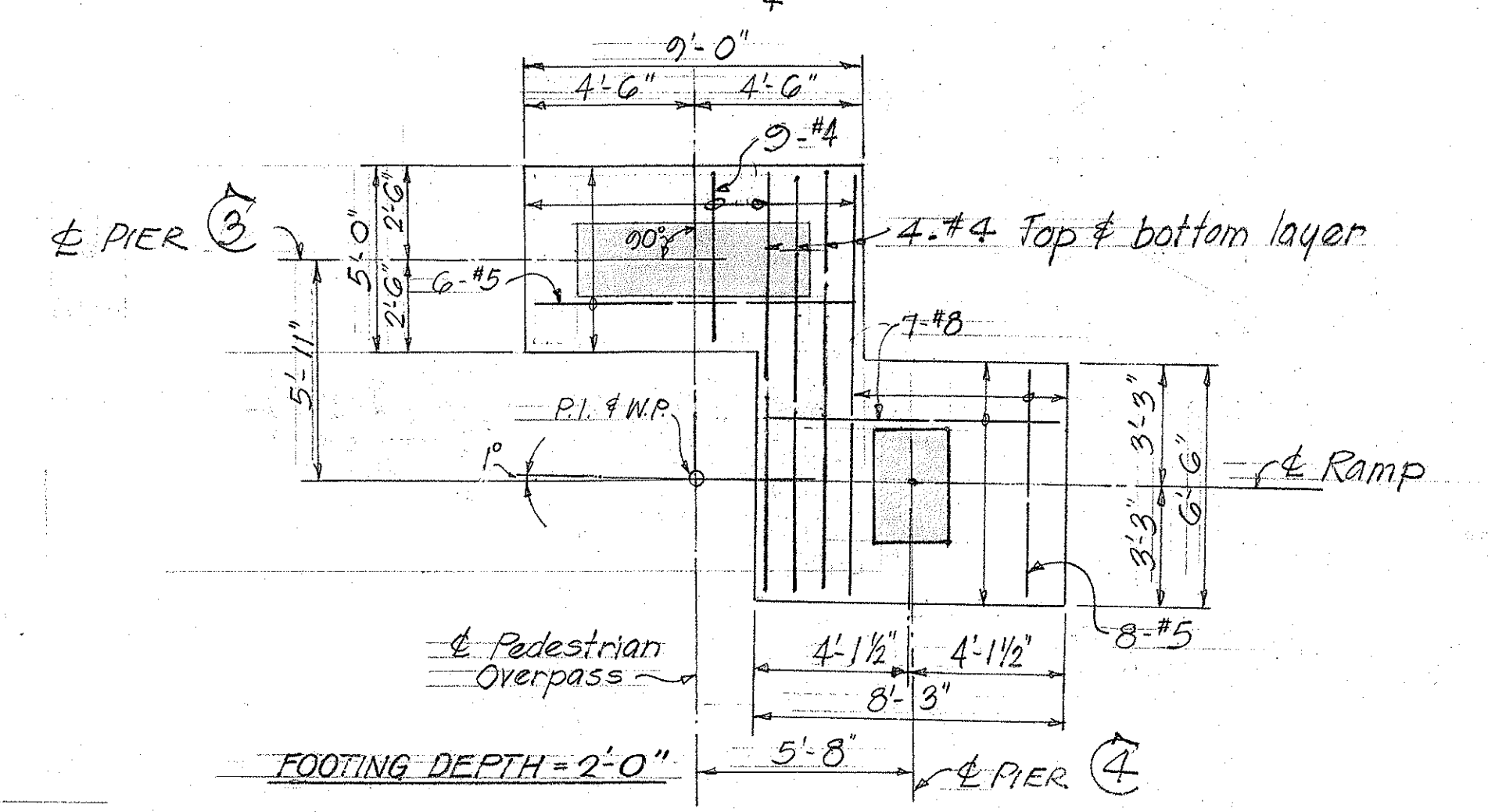
ELEVATION
Scale: 1" = 10'-0"



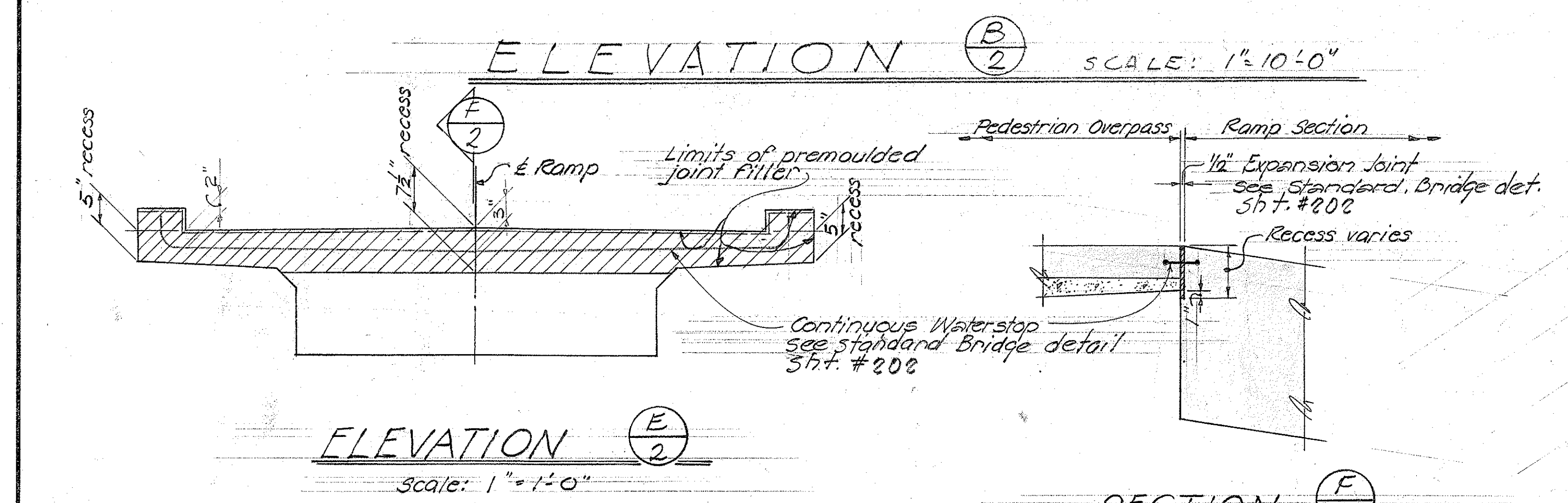
PLAN
Scale: 1" = 10'-0"



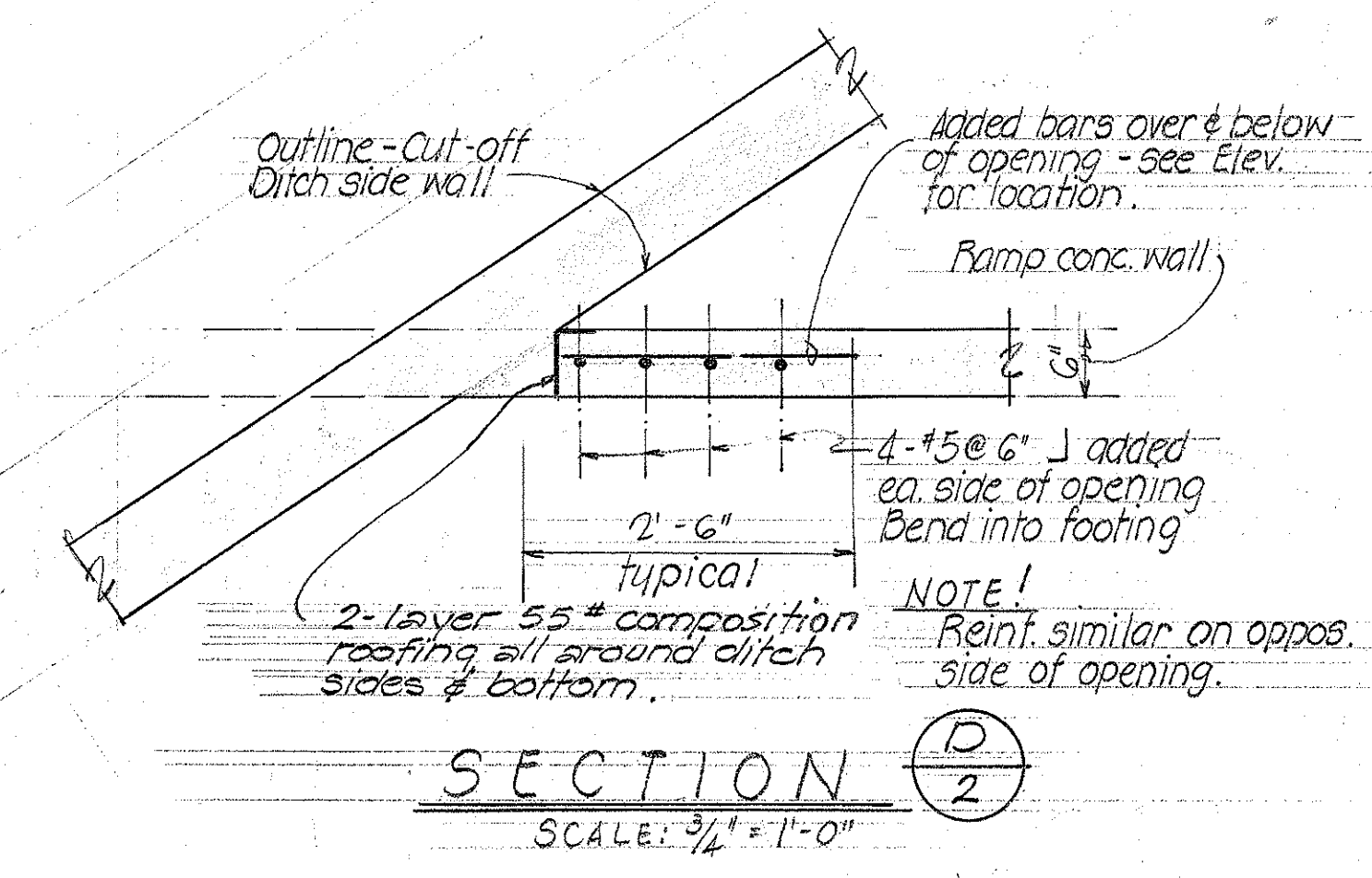
ELEVATION
Scale: 1" = 10'-0"



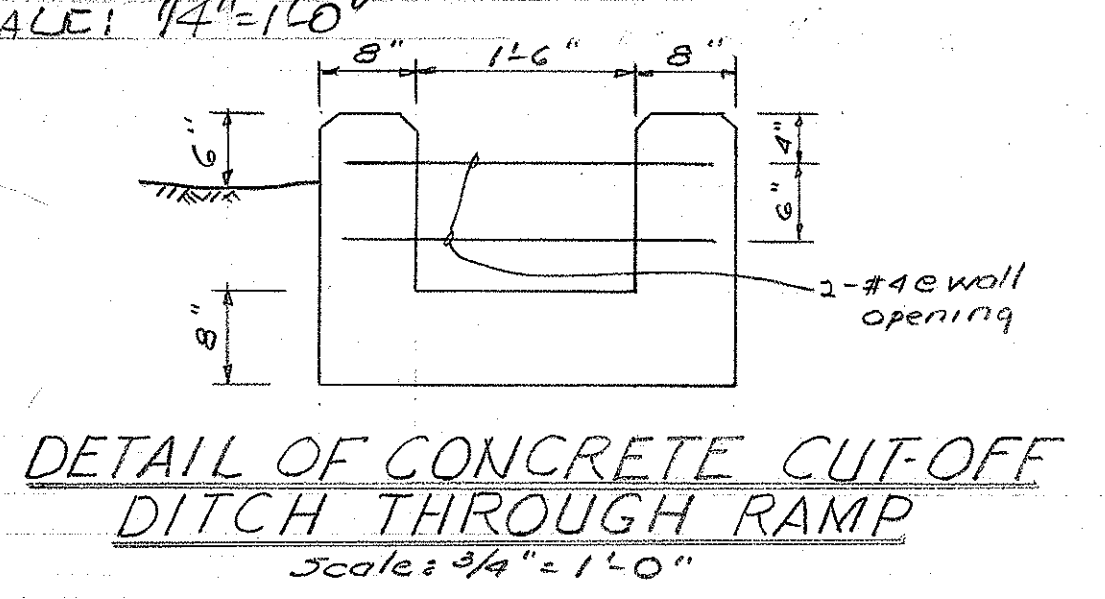
**BOTTOM FOOTING REINFORCEMENT
COMBINED FOOTING AT PIERS 3 & 4**
Scale: 1/4" = 1'-0"



ELEVATION
Scale: 1" = 1'-0"



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

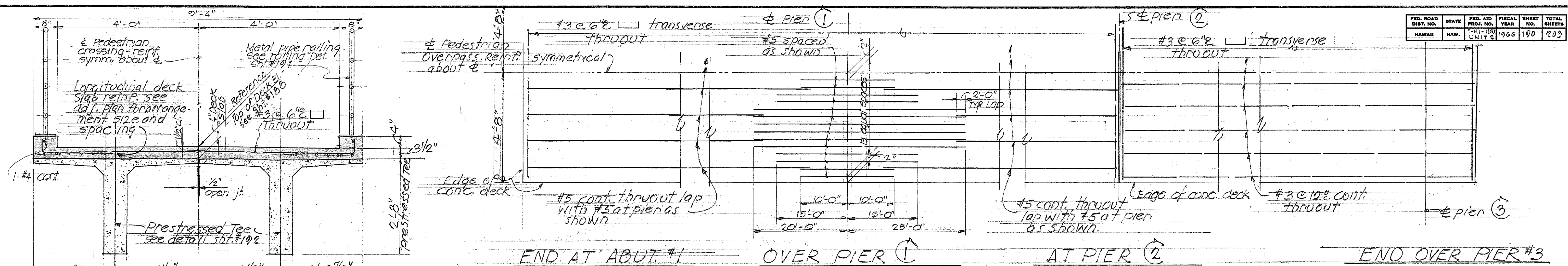


**DETAIL OF CONCRETE CUT-OFF
DITCH THROUGH RAMP**
Scale: 3/4" = 1'-0"

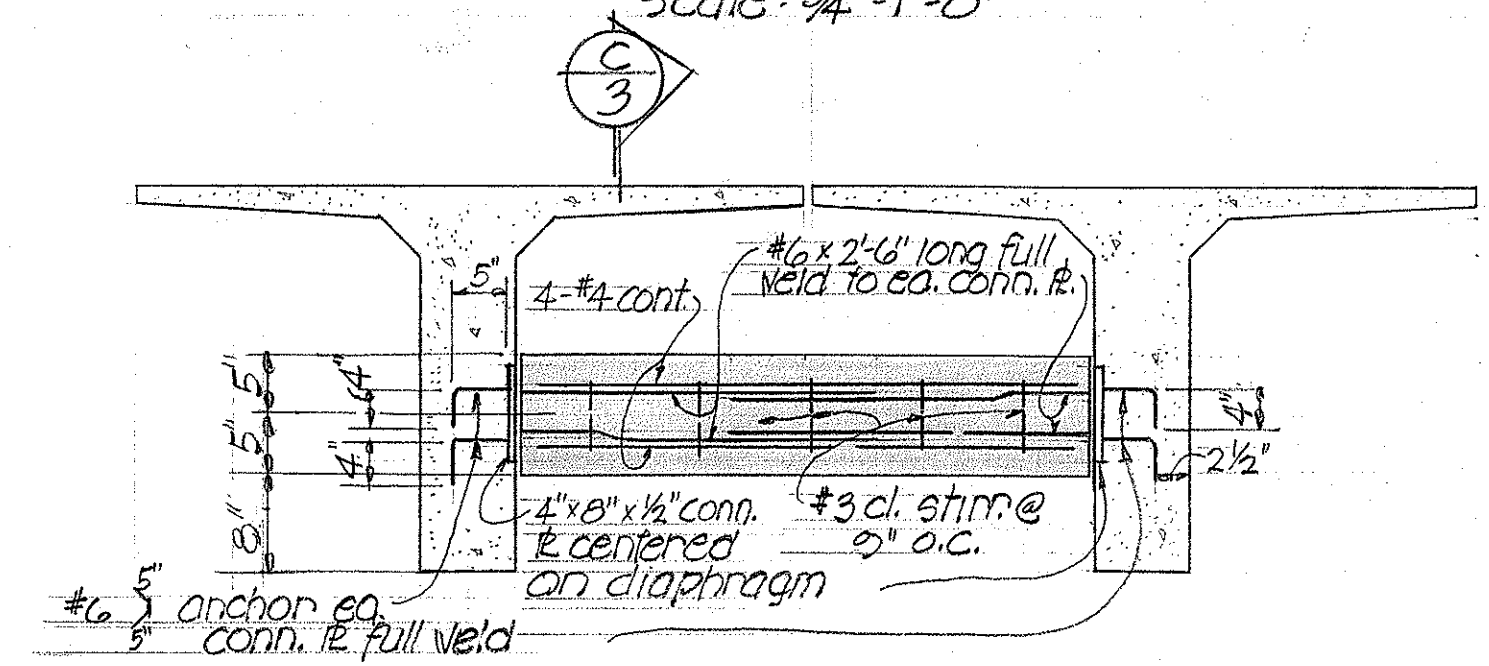
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**PEDESTRIAN OVERPASS
STRUCTURE #19A**
Sta. 132 + 40
Interstate Highway (Lunalilo Freeway)
F.A.I. Proj. No. I-41-1(G) Unit 2
JANUARY, 1966
SHEET No. 2 OF 7 SHEETS

DATE	1/11/66
SURVEY PLOTTED BY	W. J. H.
DRAWN BY	W. J. H.
DESIGNED BY	W. J. H.
NOTE BOOK	
CHECKED BY	W. J. H.
No.	

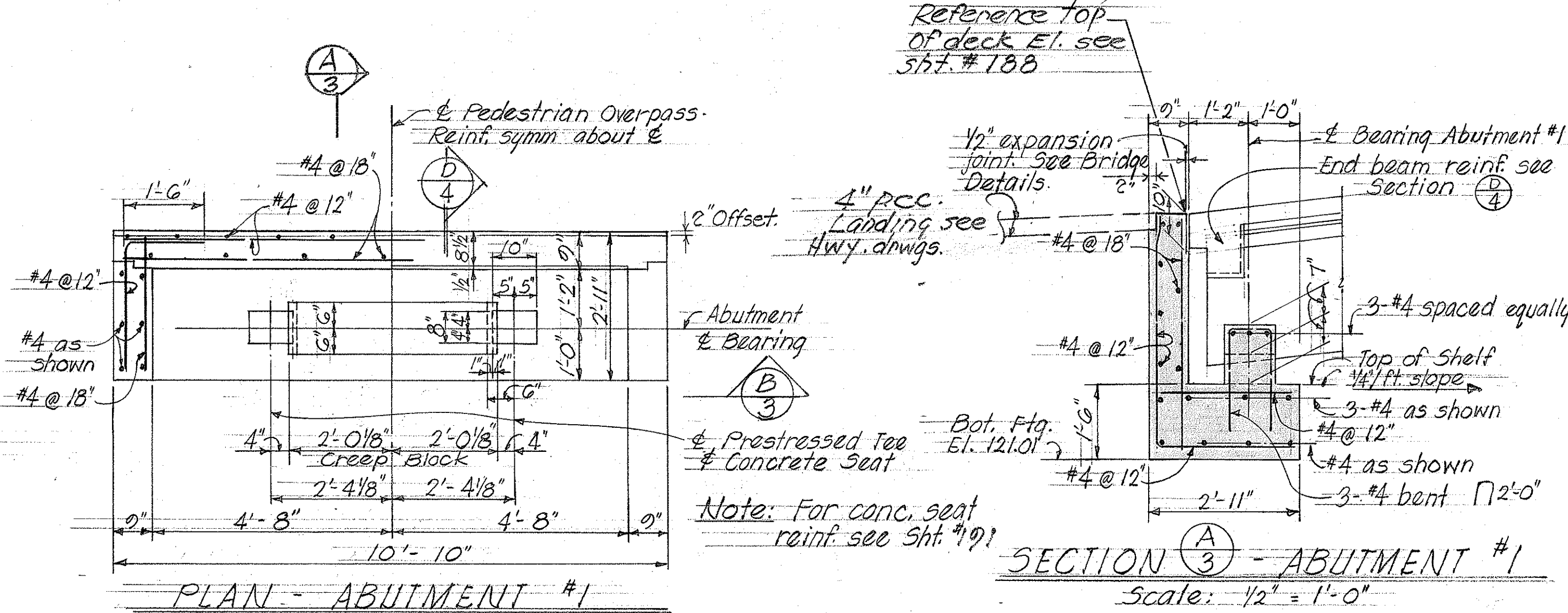
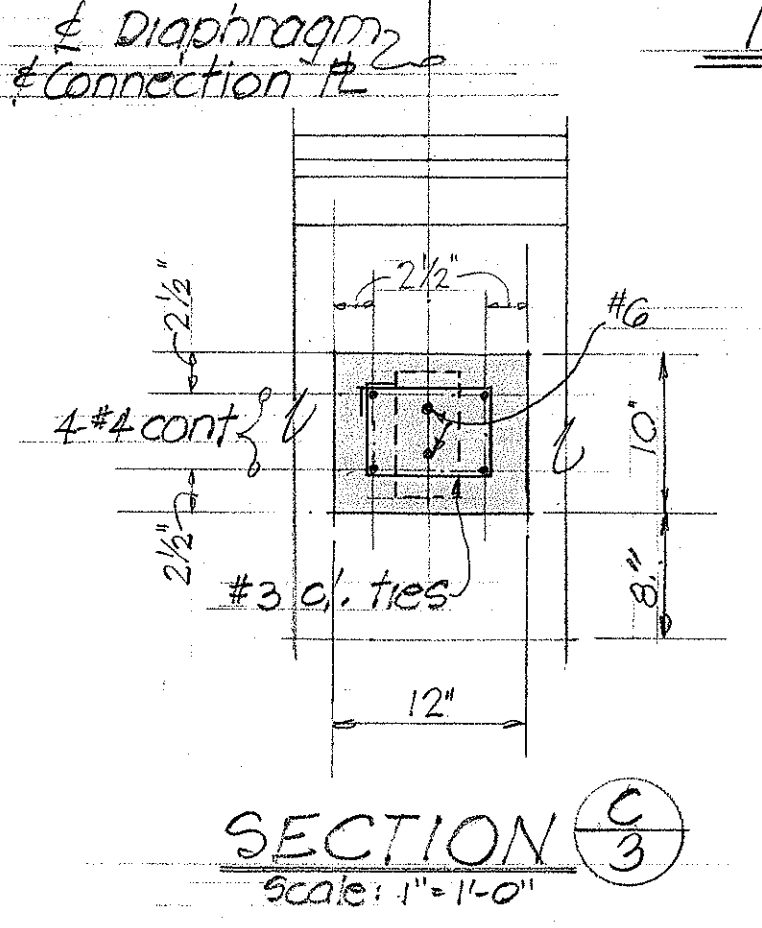
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-41-1(C)	1966	190	203



TYPICAL SECTION THRU OVERPASS
Scale: 3/4" = 1'-0"

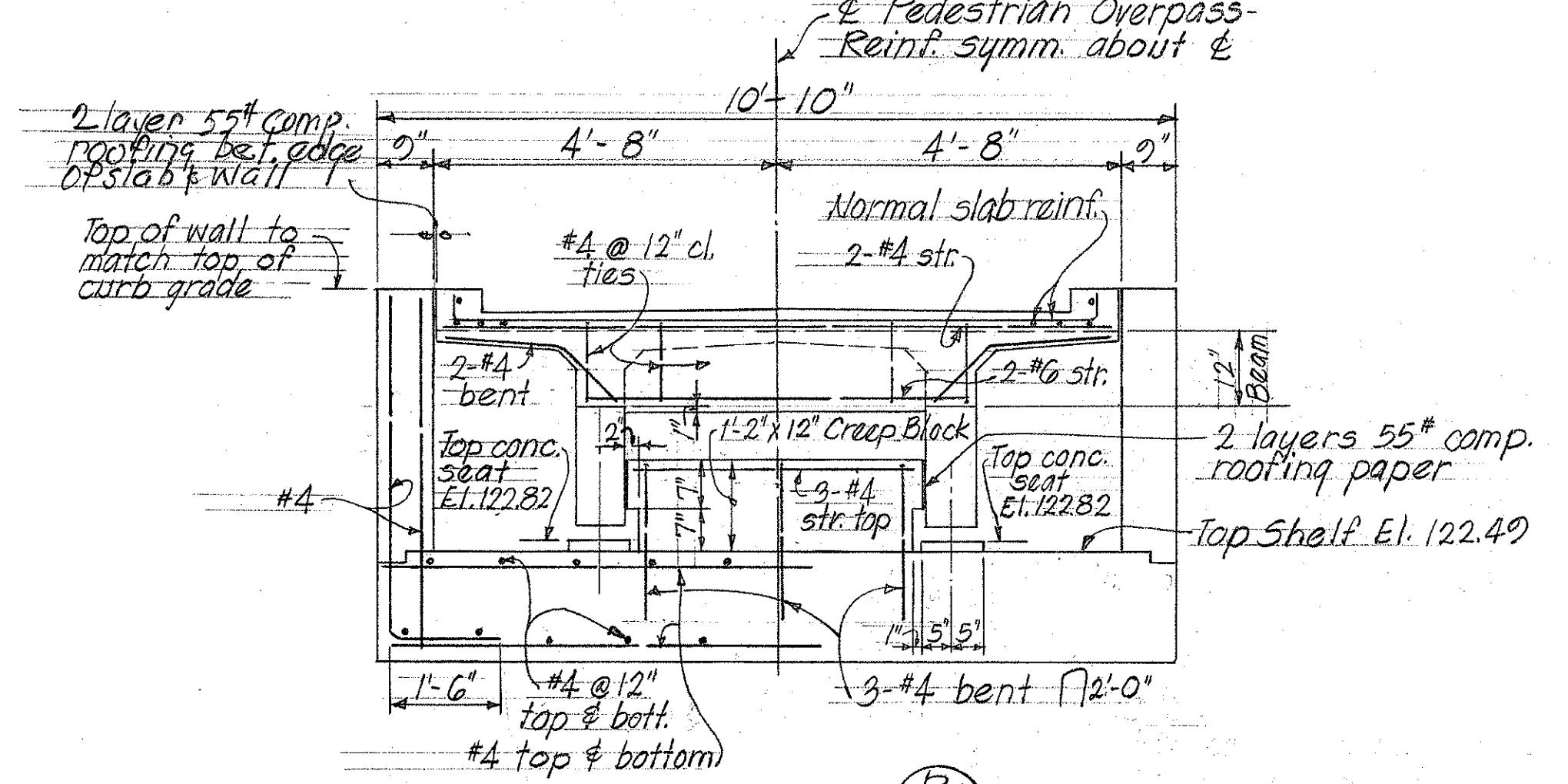


TYPICAL DIAPHRAGM DETAIL
Scale: 3/4" = 1'-0"



PLAN - ABUTMENT #1
Scale: 1/2" = 1'-0"

SECTION A-3 - ABUTMENT #1
Scale: 1/2" = 1'-0"

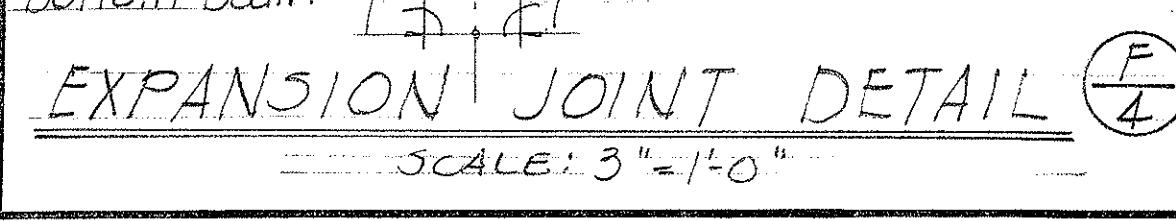
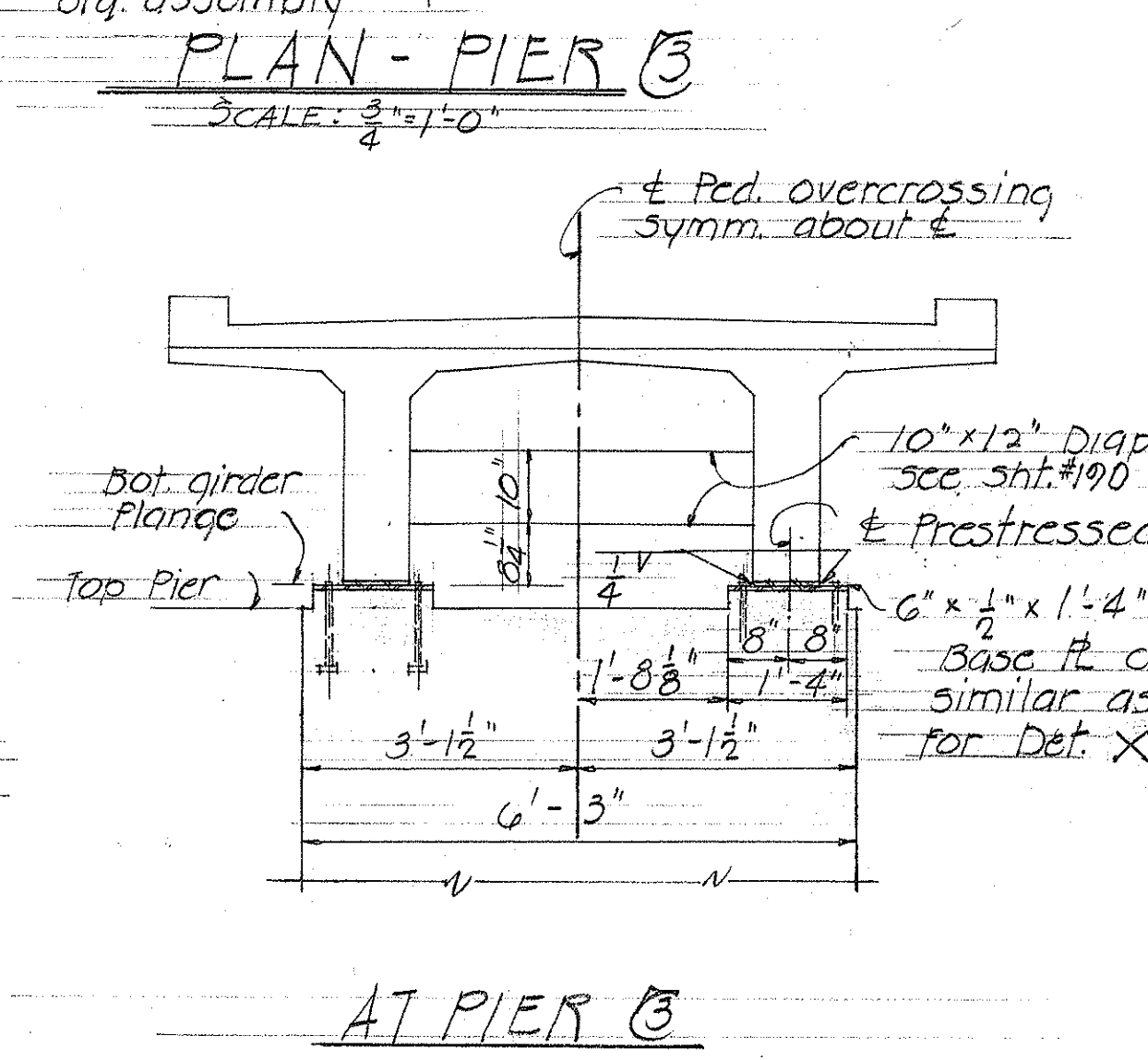
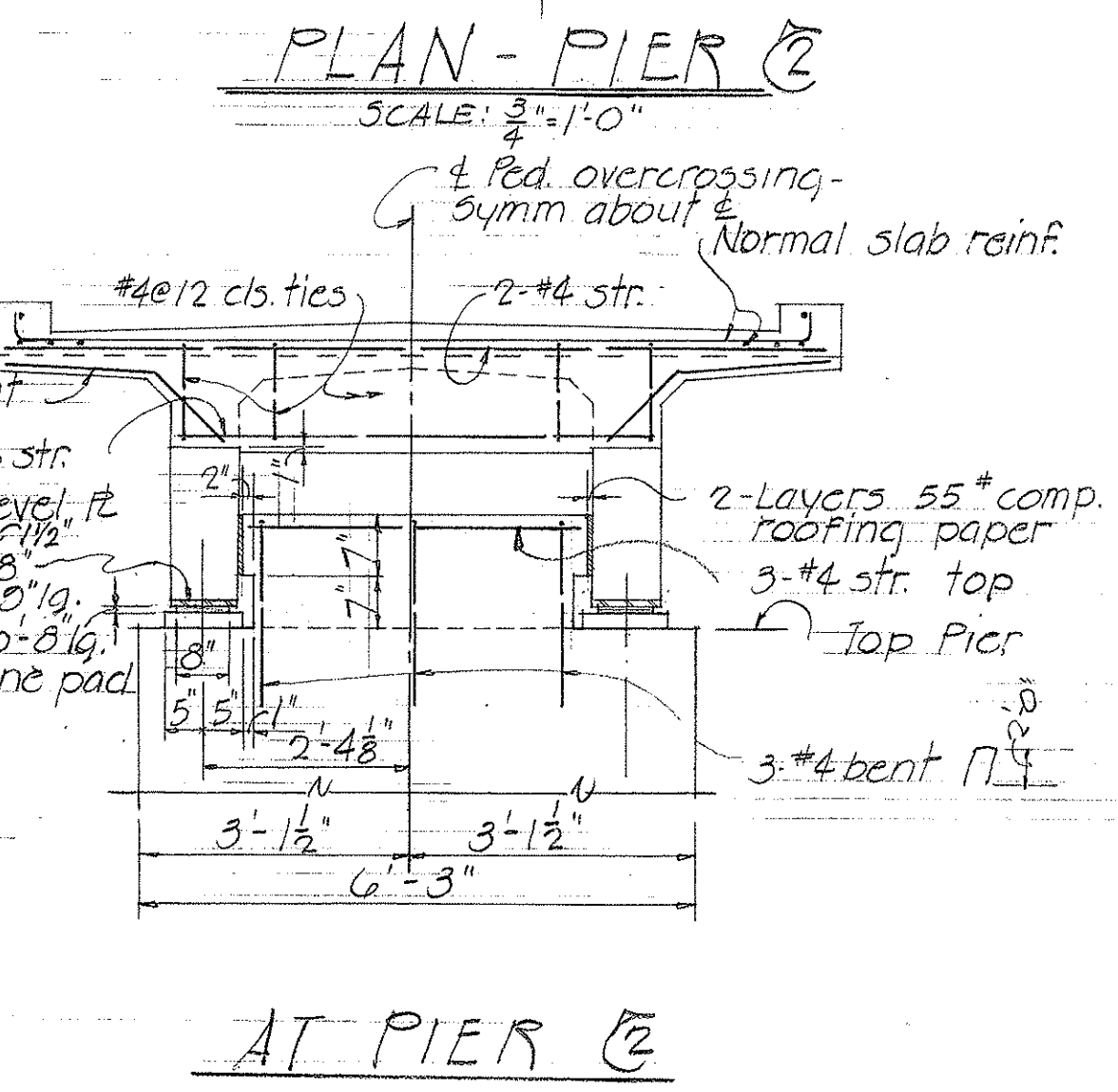
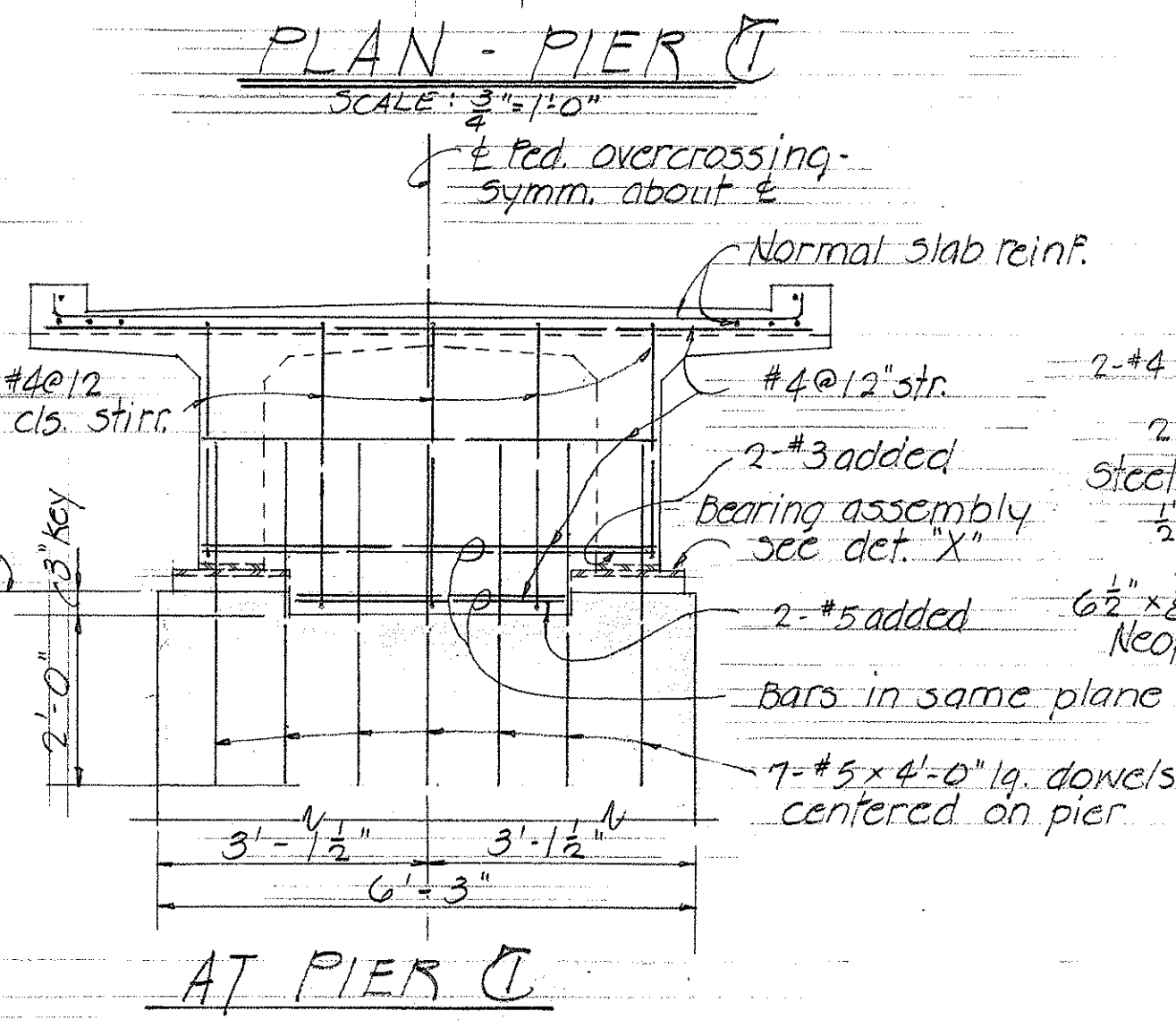
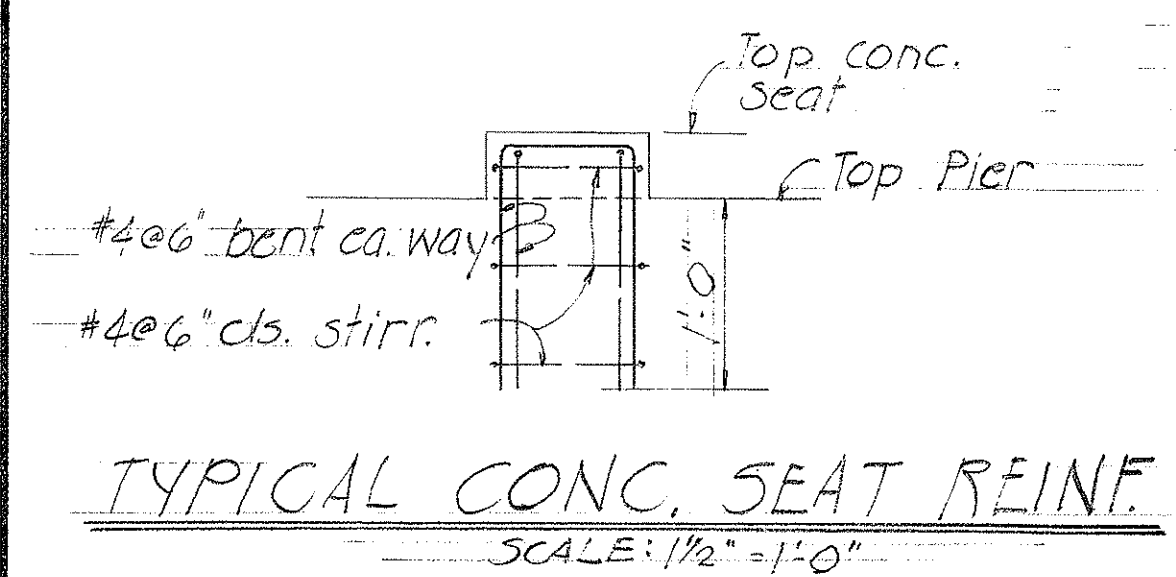
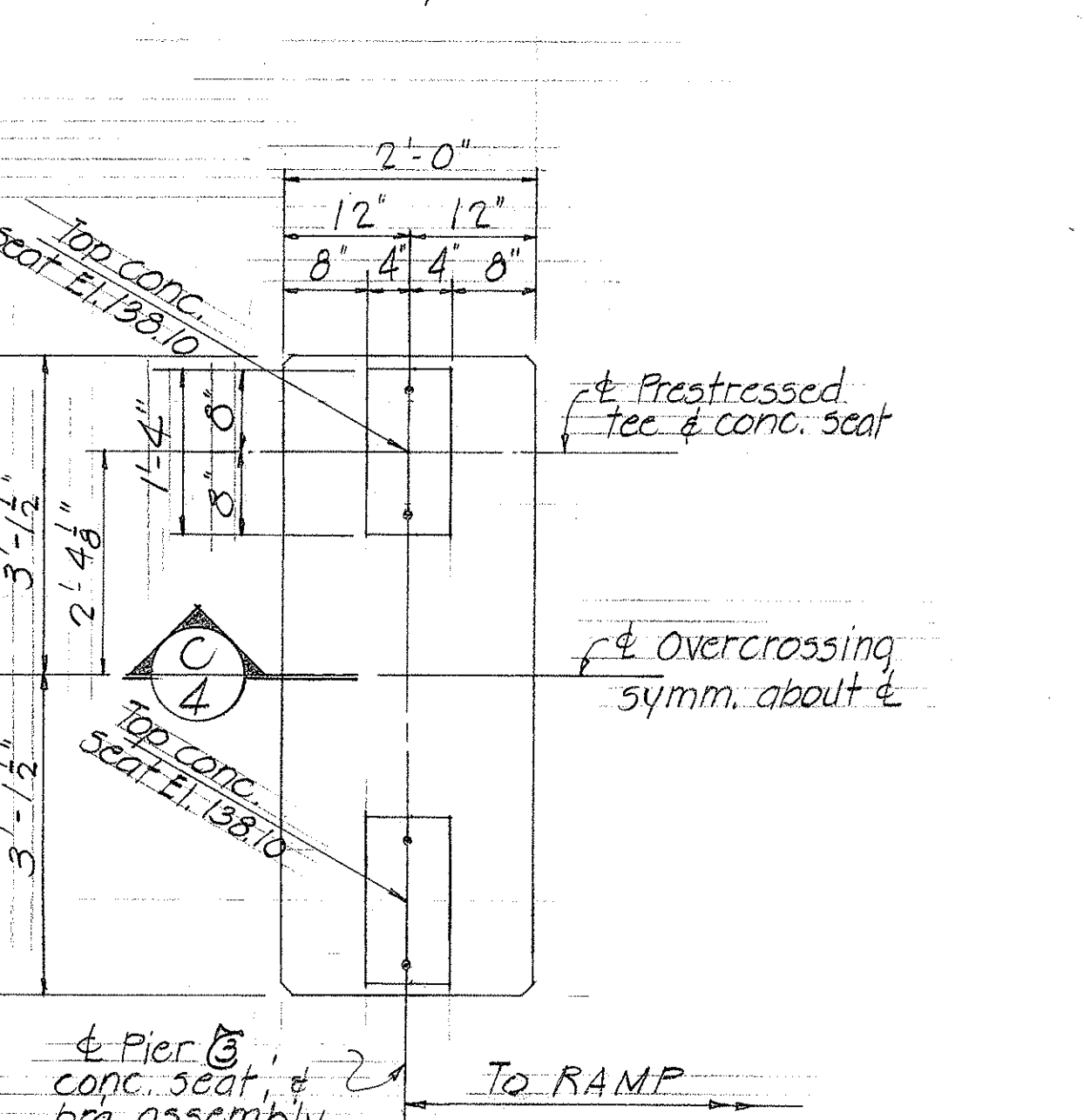
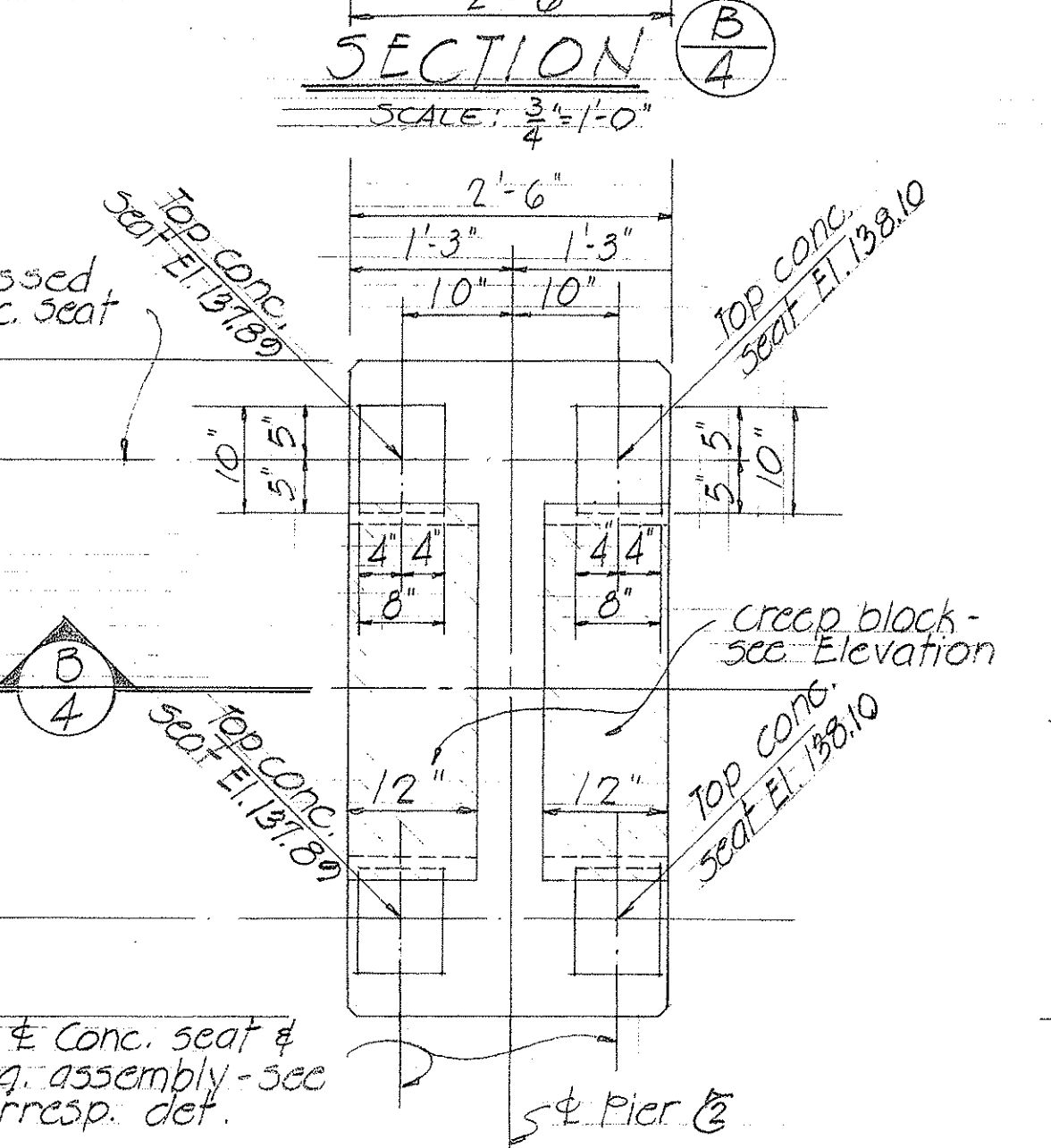
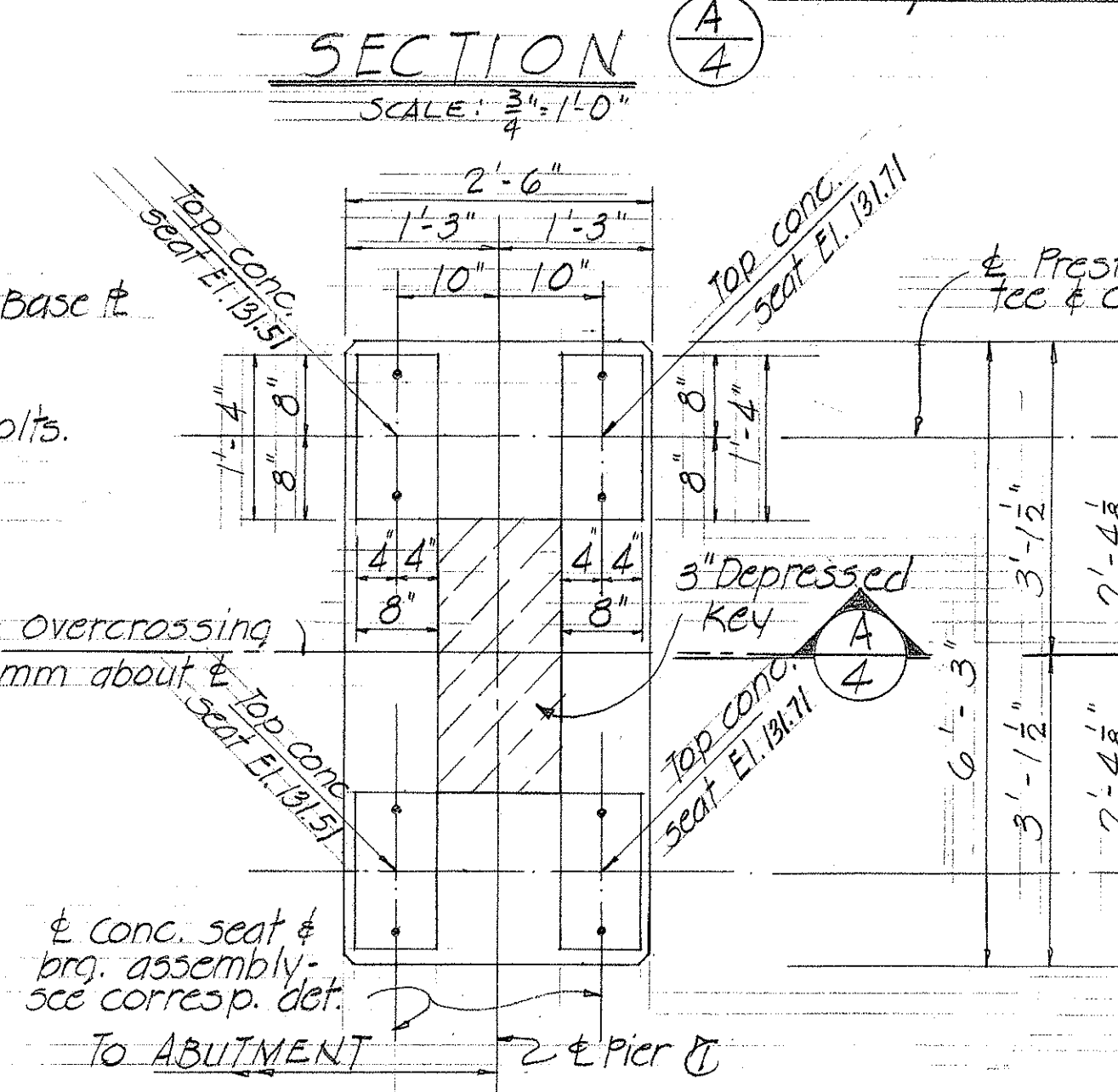
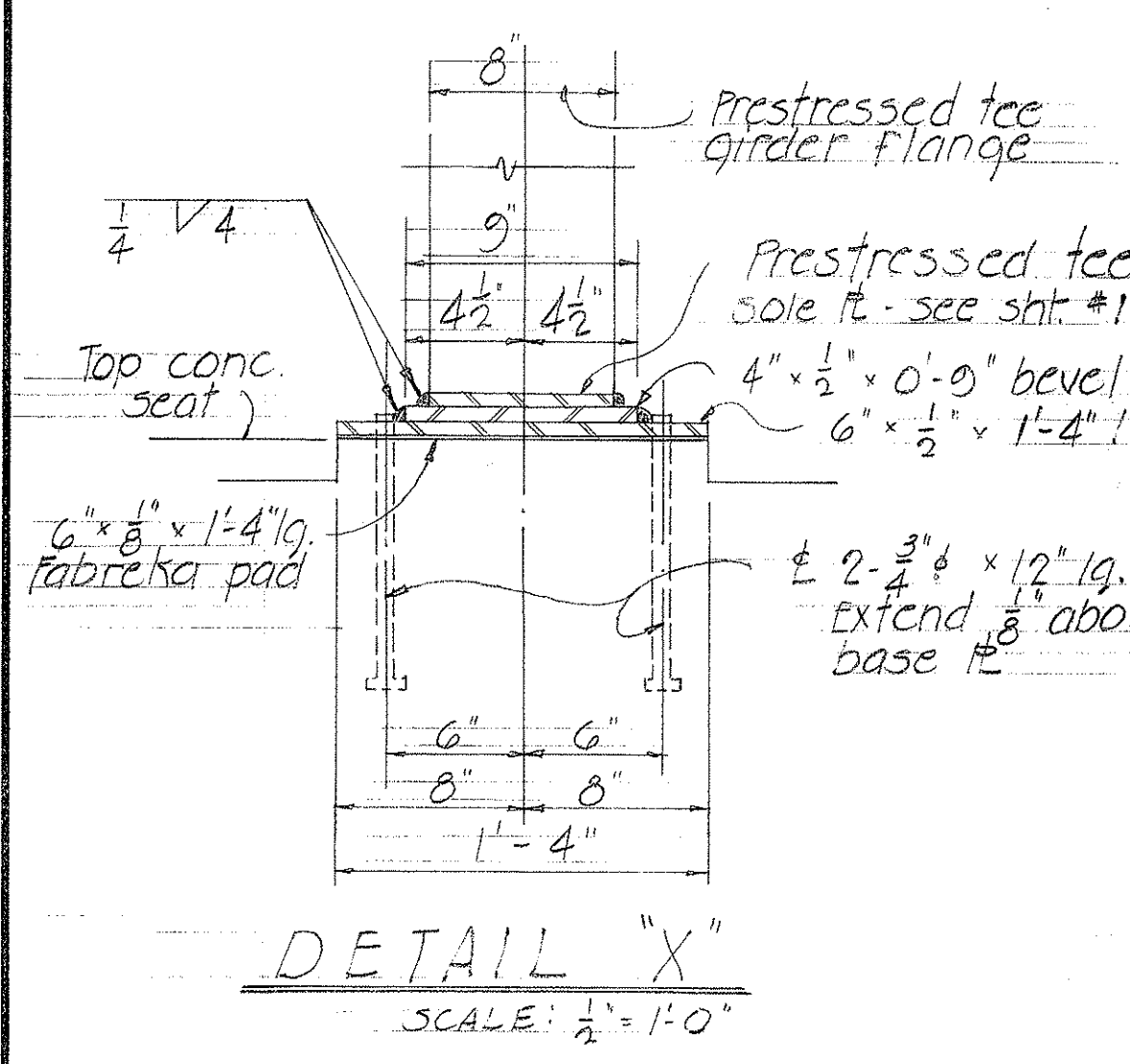
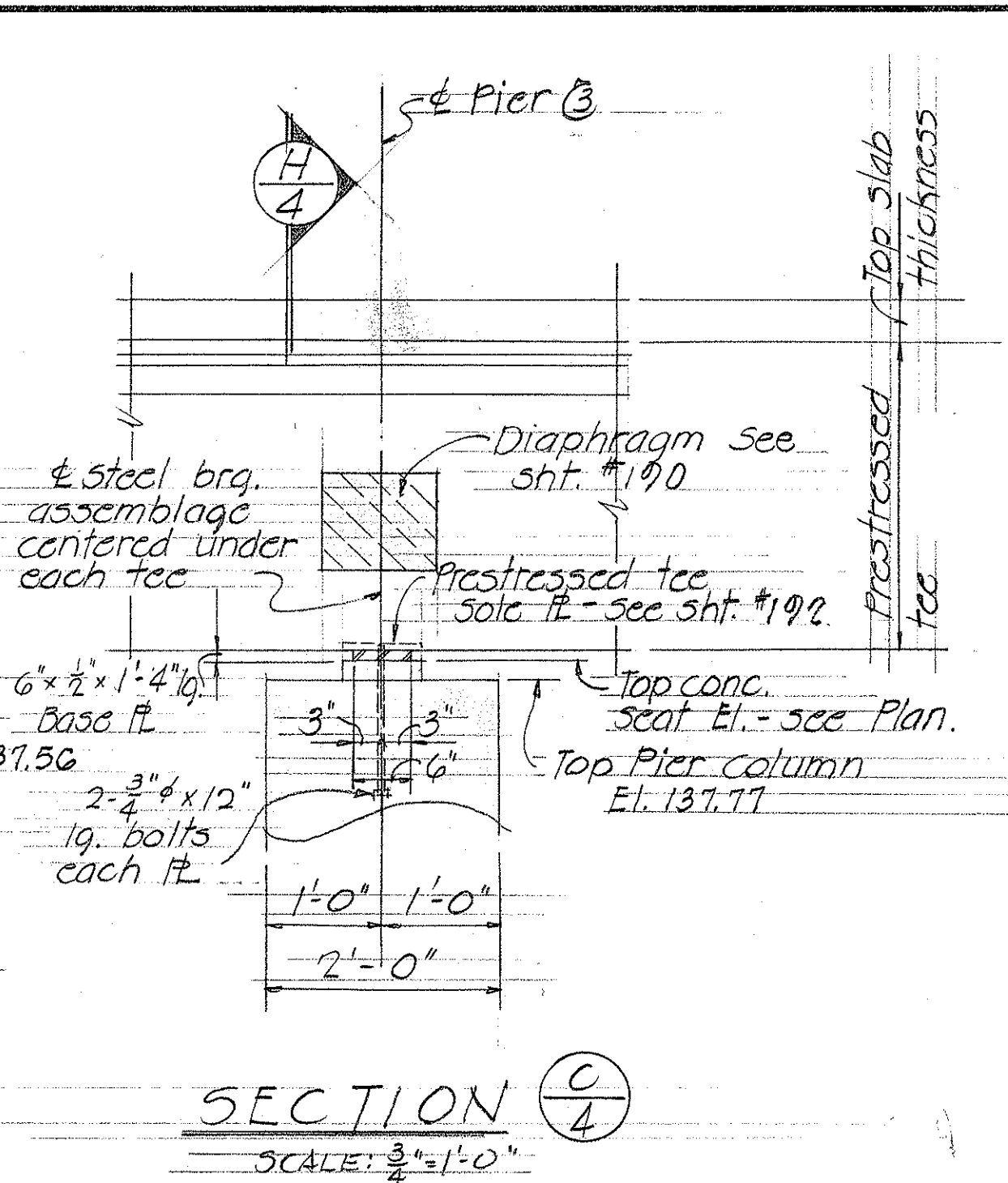
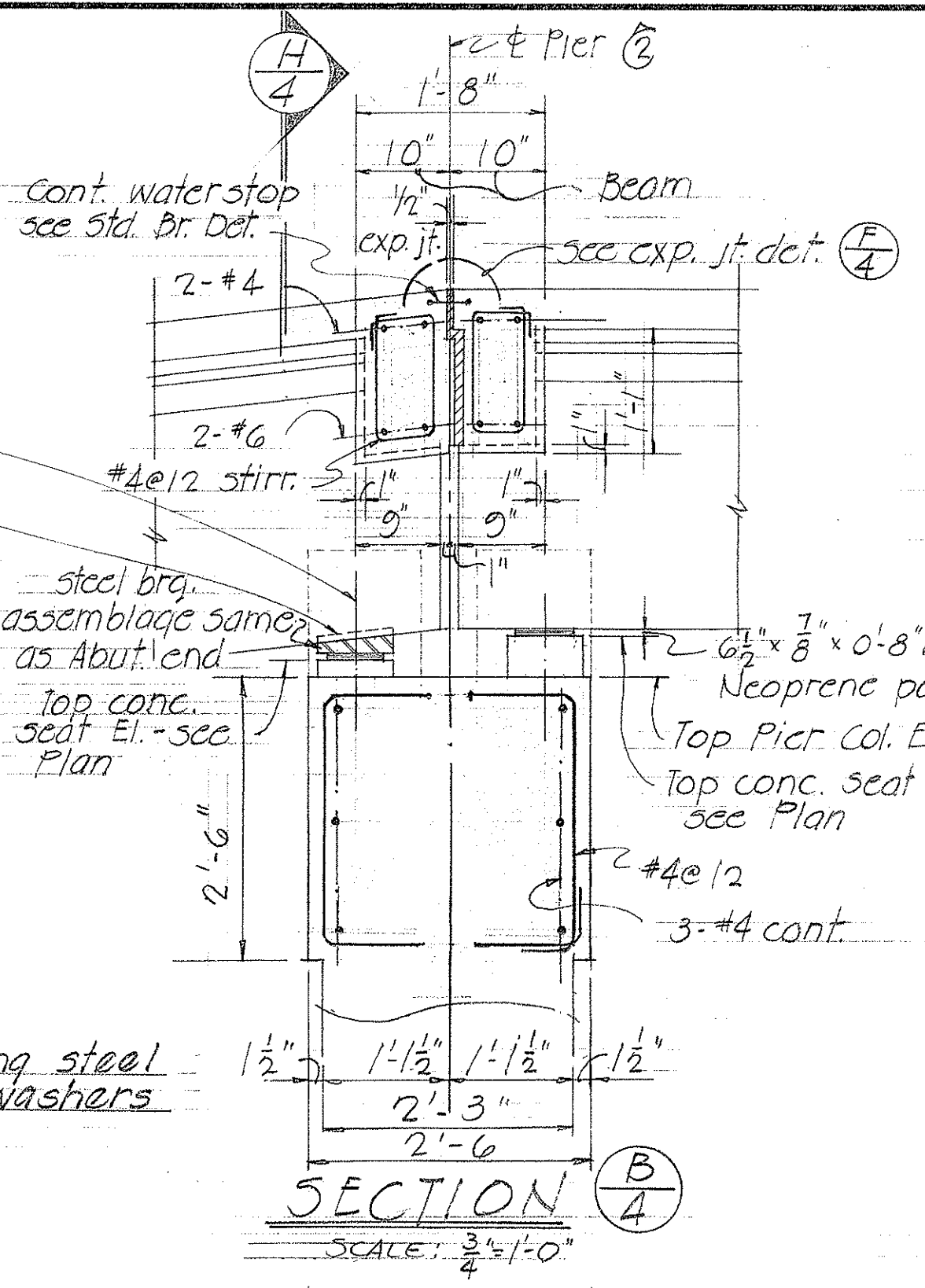
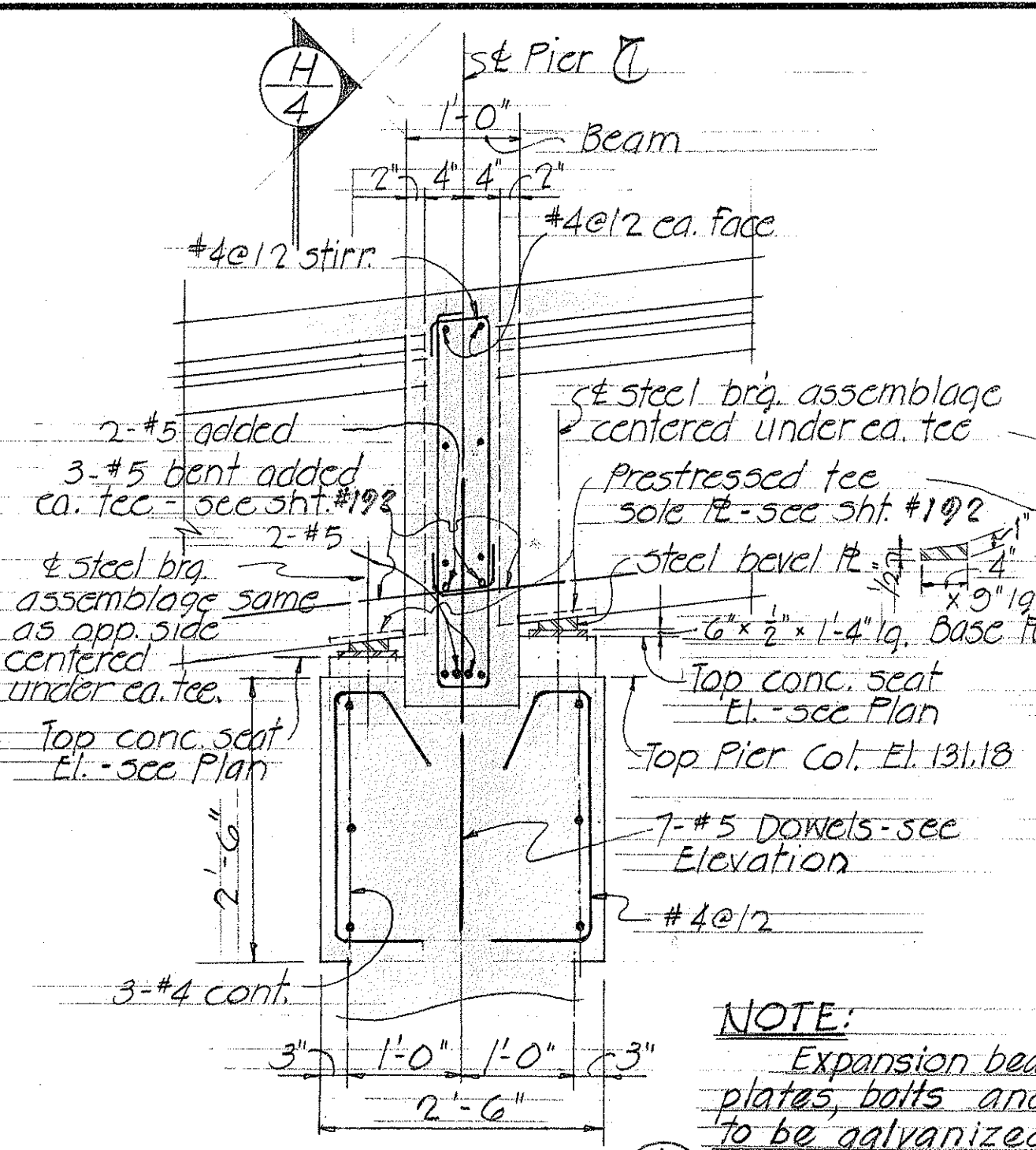
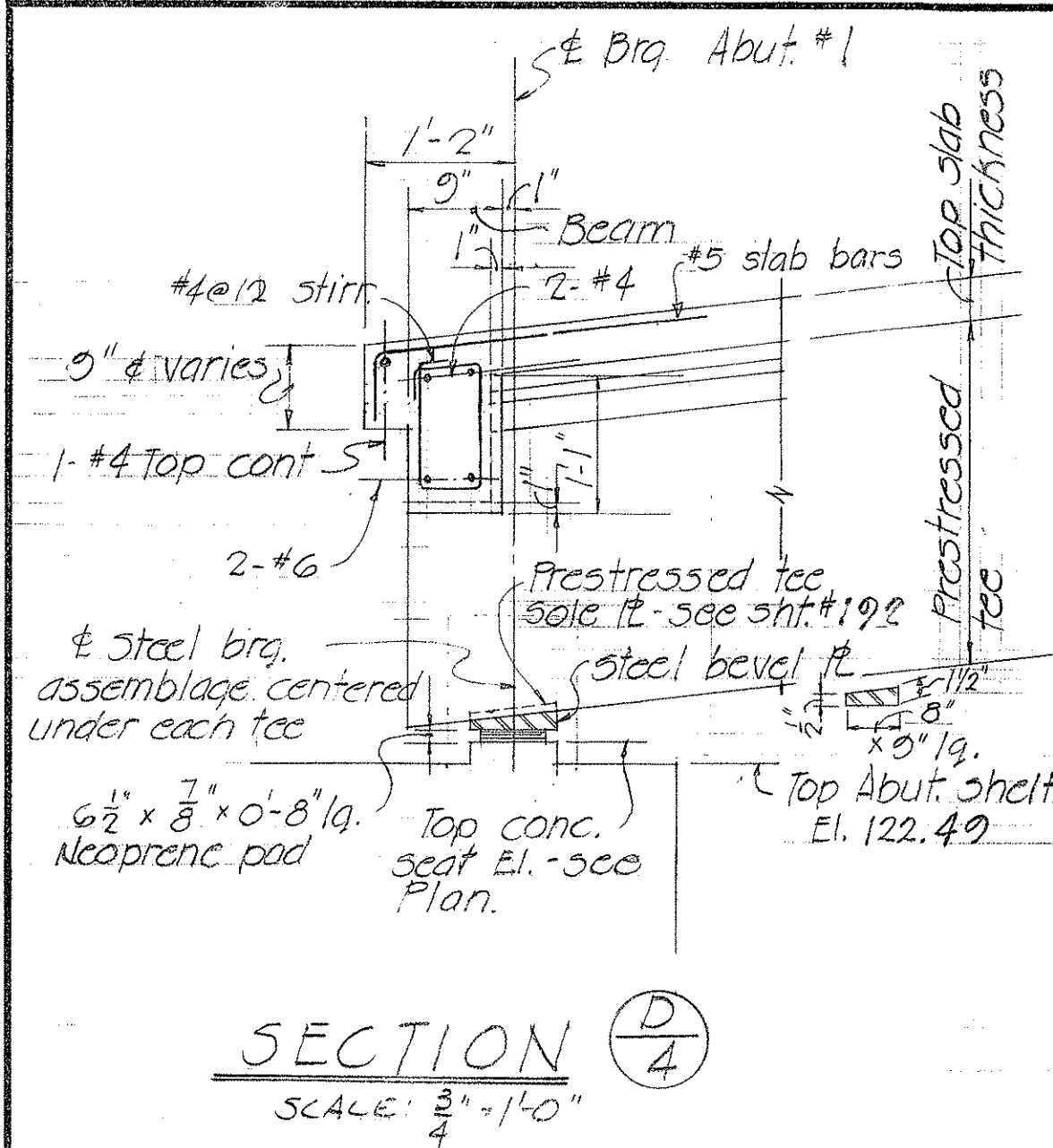


ELEVATION B-3
Scale: 1/2" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**PEDESTRIAN OVERPASS
STRUCTURE #19-A**
B.S. STA. 132+40
Interstate Highway (Lunalilo Freeway)
F.A.I. Proj. No. 14-1-1(C) Unit 2
January 1966
SHEET No. 3 OF 7 SHEETS

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
ORIGINAL PLAN	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(6) UNIT 2	1960	191	203



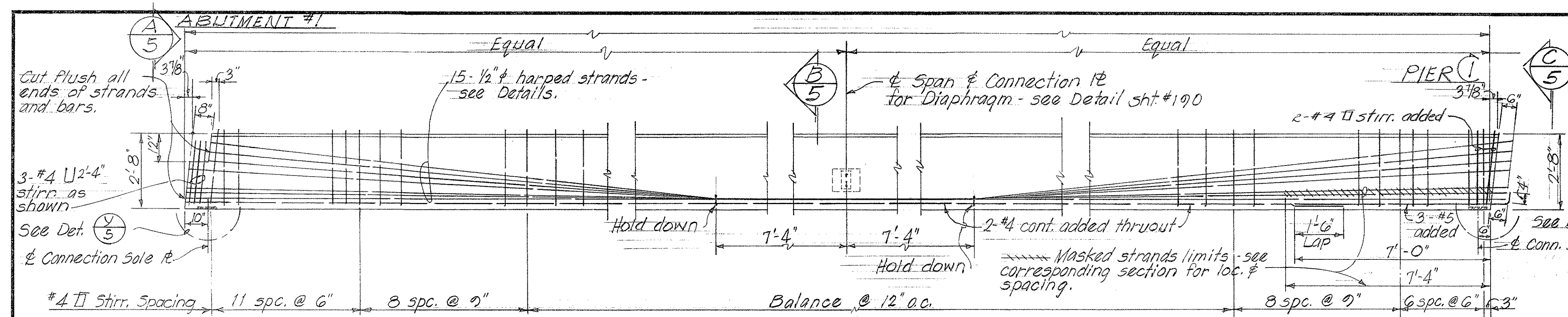
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PEDESTRIAN OVERPASS
STRUCTURE #19A**

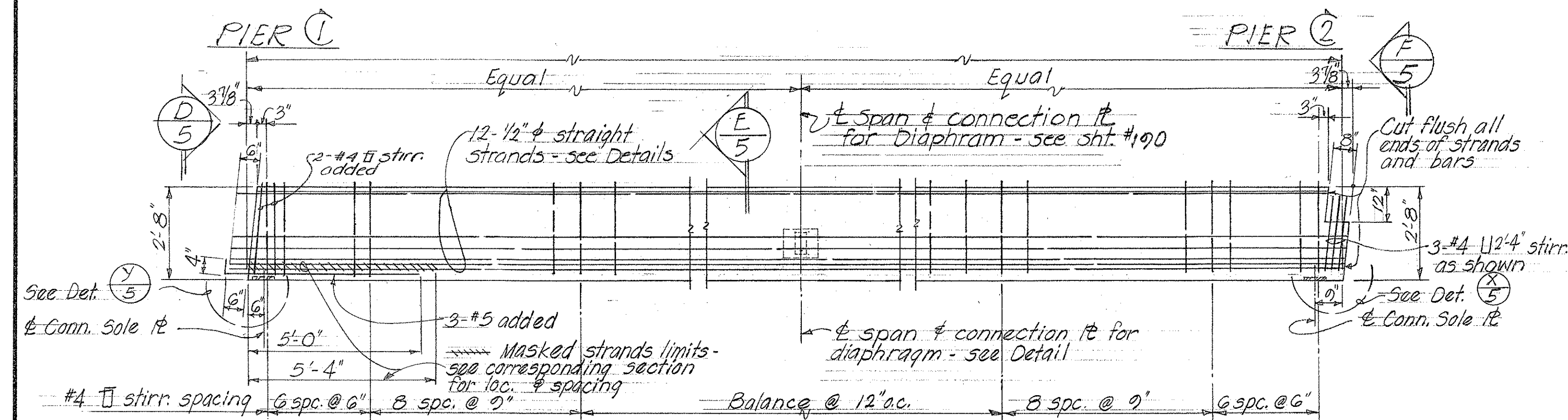
Rd STA. 132+40
INTERSTATE HIGHWAY (LUNIAILO FWY.)
F.A.I. PROJ. NO. I-HI-1(6) UNIT 2
JANUARY, 1960

SHEET No. 4 OF 7 SHEETS

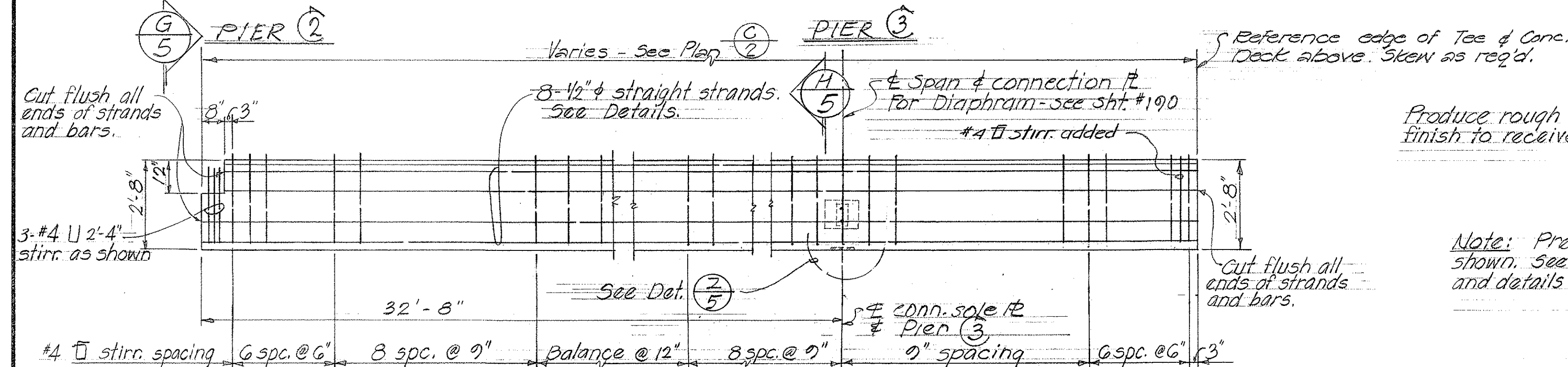
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-41-1(G)	1966	192	203



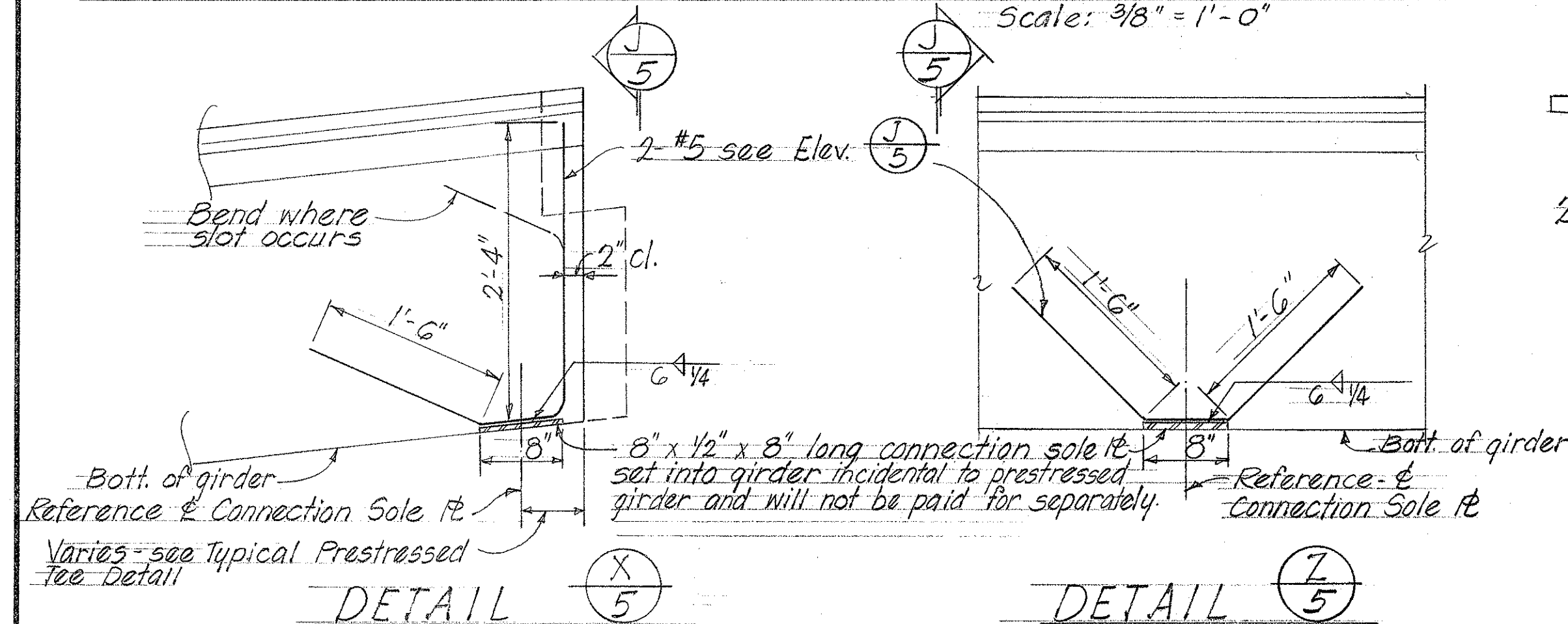
TYPICAL PRESTRESSED TEE DETAIL - TYPE PT-1 (2 REQUIRED) Scale: 3/8" = 1'-0"



TYPICAL PRESTRESSED TEE DETAIL - TYPE PT-2 (2 REQUIRED) Scale: 3/8" = 1'-0"

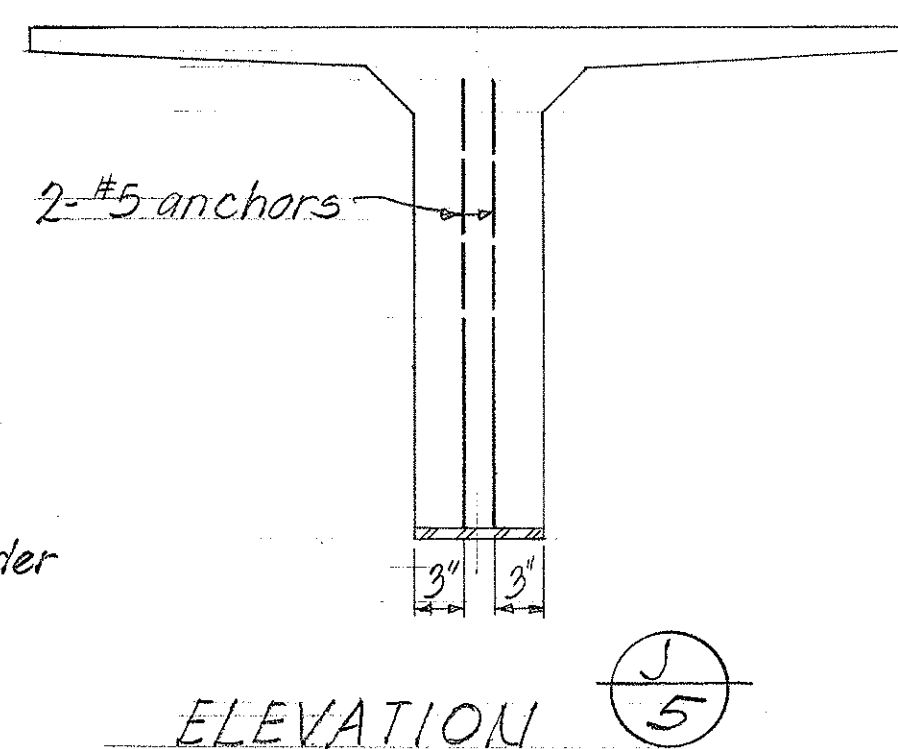


TYPICAL PRESTRESSED TEE DETAIL - TYPE PT-3 (2 REQUIRED) Scale: 3/8" = 1'-0"



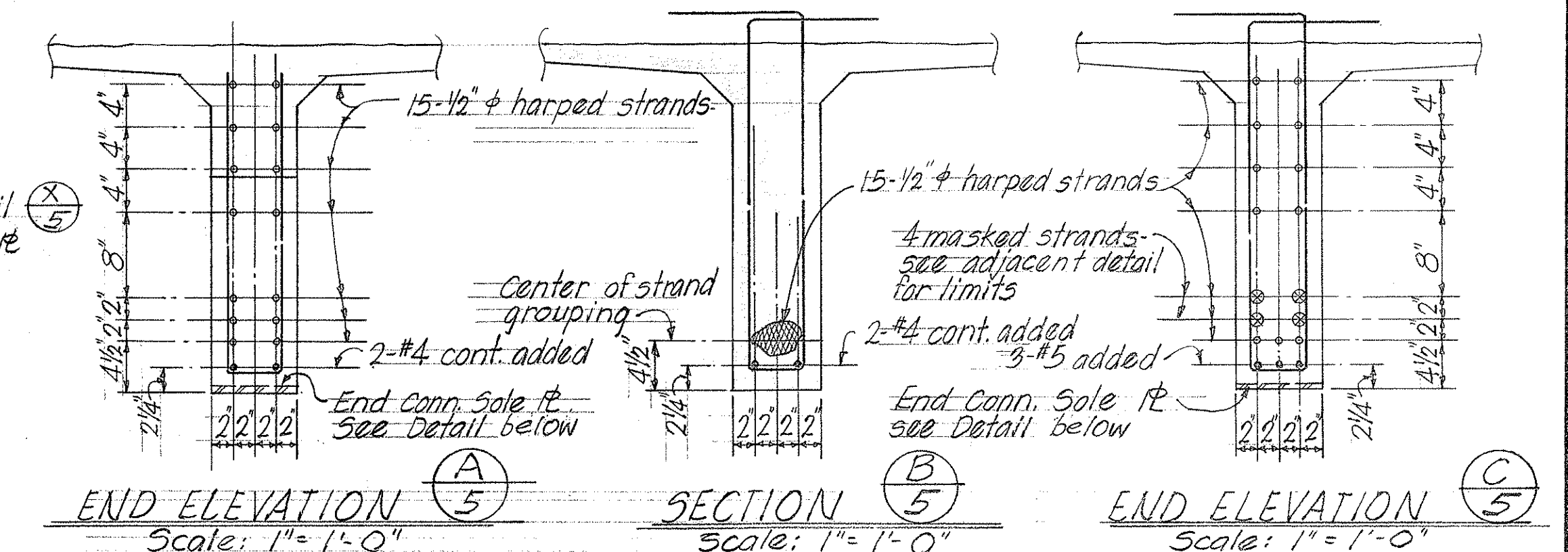
DETAIL (X) SIMILAR EXCEPT FOR SLOPE DIRECTION

DETAIL (Z) SIMILAR EXCEPT FOR SLOPE DIRECTION



ELEVATION (J)

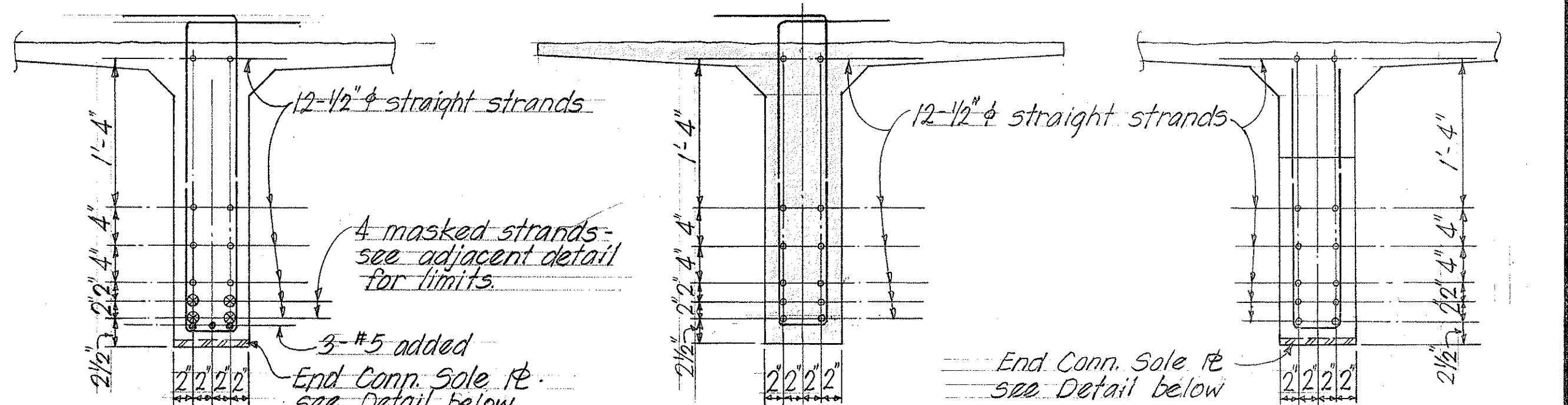
Note: For additional girder reinforcement and details see Typical Section below.



END ELEVATION (A) Scale: 1" = 1'-0"

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

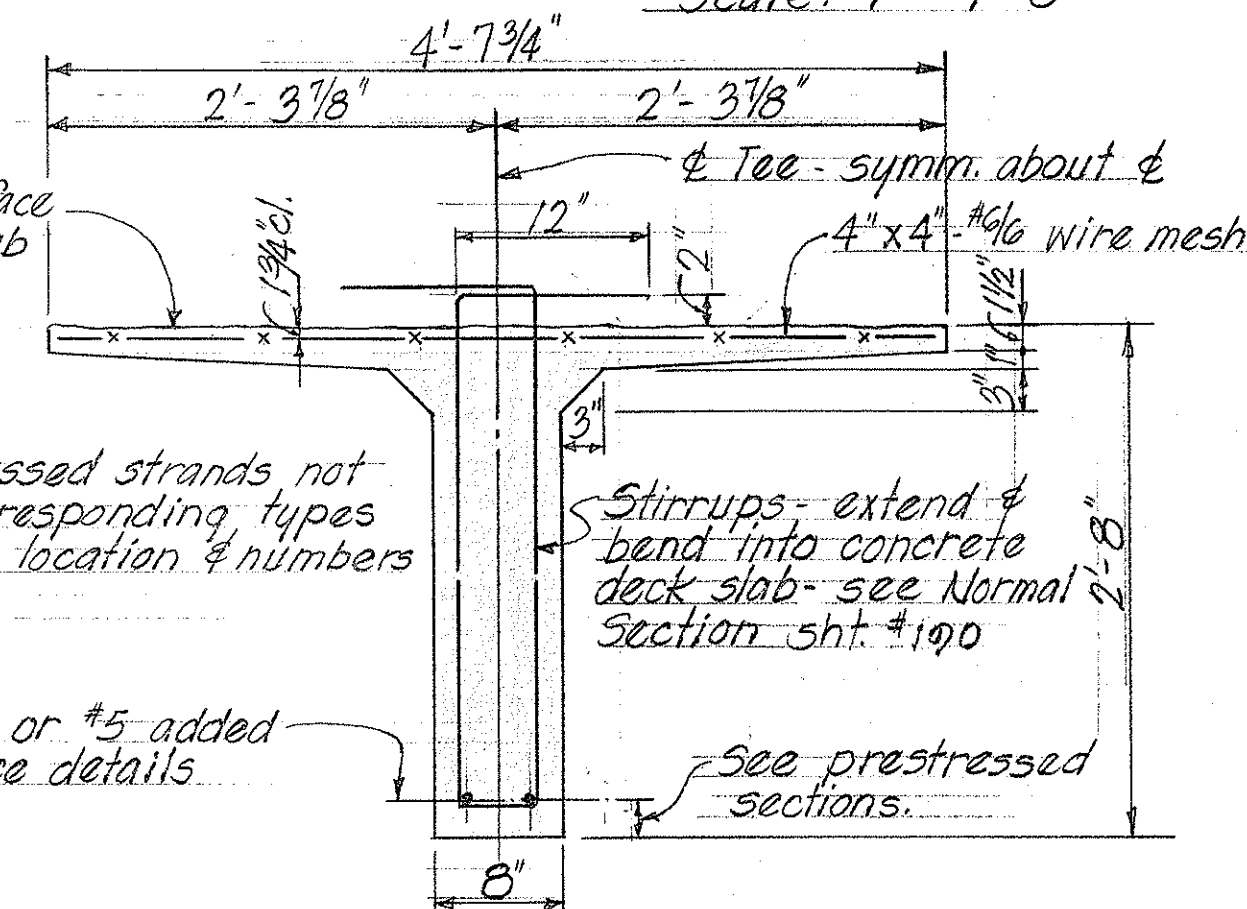
END ELEVATION (C) Scale: 1" = 1'-0"



END ELEVATION (D) Scale: 1" = 1'-0"

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

END ELEVATION (F) Scale: 1" = 1'-0"

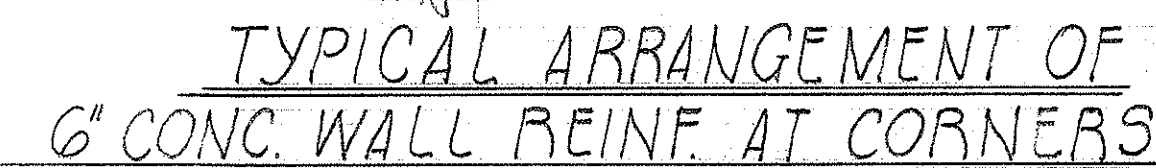


TYPICAL SECTION THRU PRESTRESSED TEE TYPES PT-1 & PT-2 Scale: 1" = 1'-0"

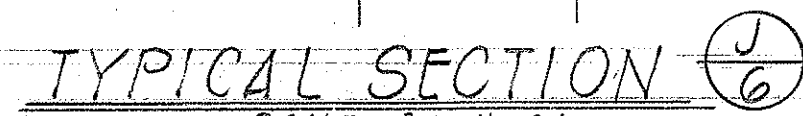
General Note: For added reinf. in prestressed tee, see Shts. #192 & #194

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**PEDESTRIAN OVERPASS
STRUCTURE #19A**
Sta. 132+40
Interstate Highway (Lualaba Freeway)
F.A.I. Proj. No. 14-1-1(G) Unit 2
January 1966
SHEET No. 5 OF 7 SHEETS

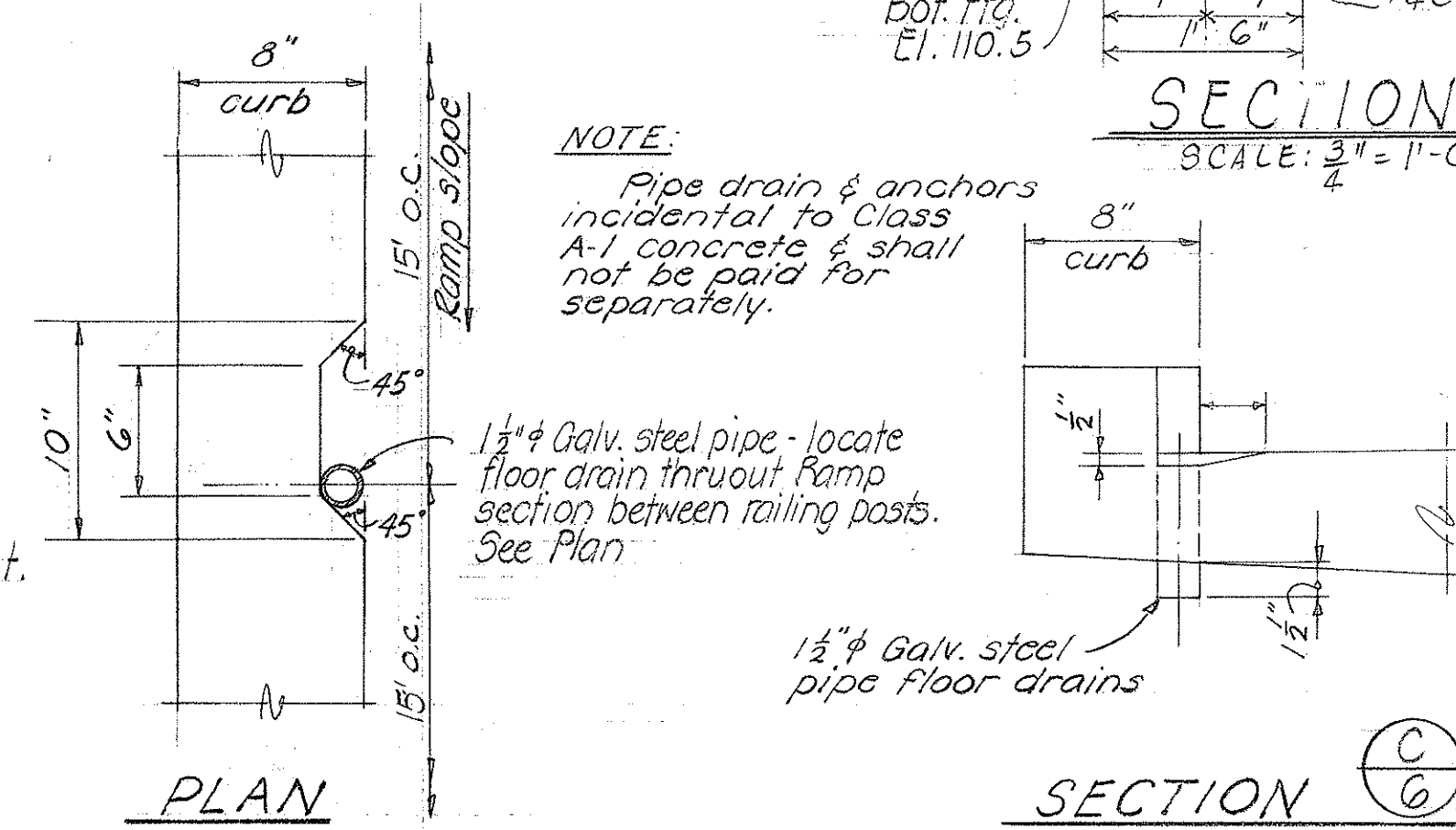
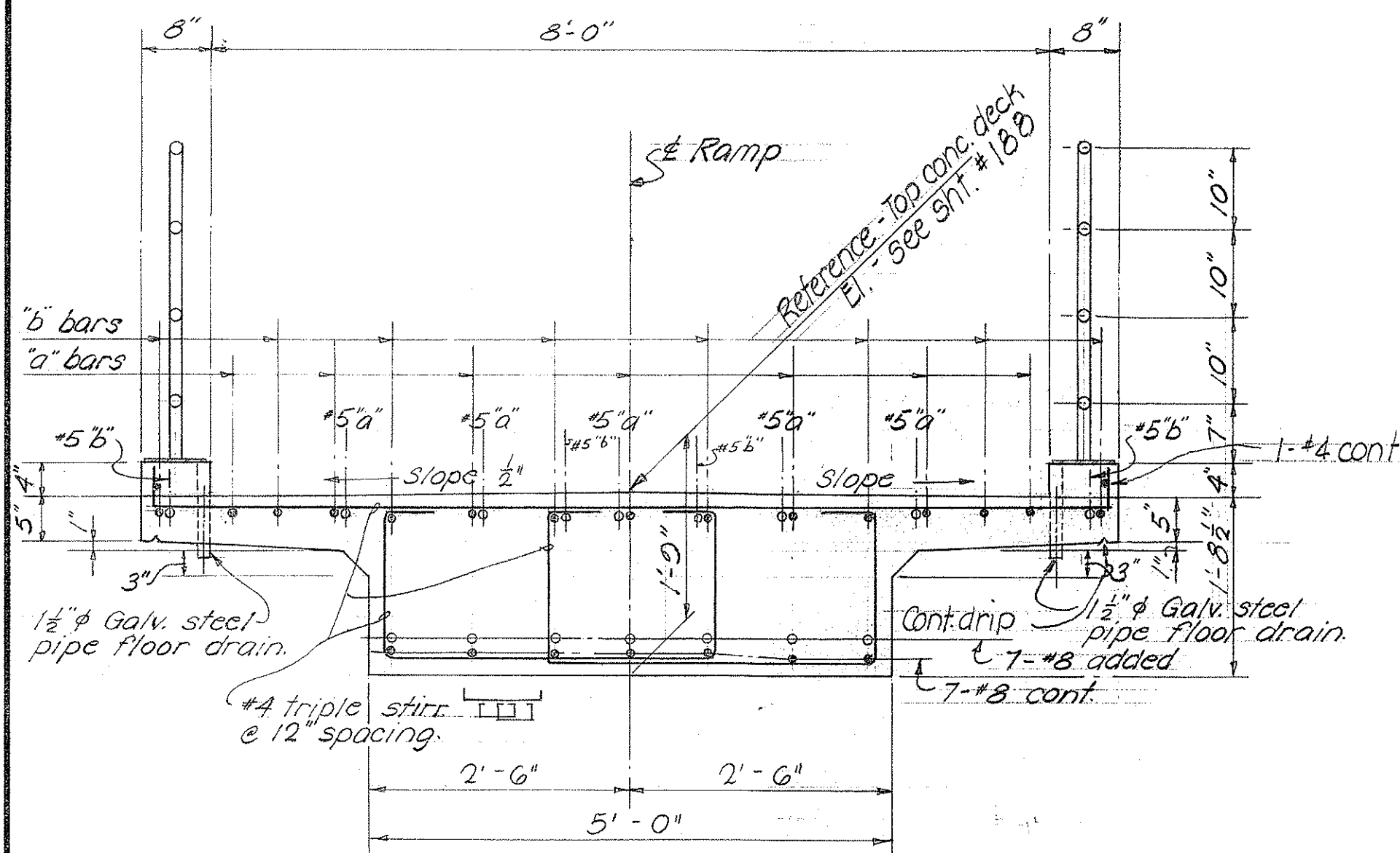
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(6) UNIT 2	1966	193	203



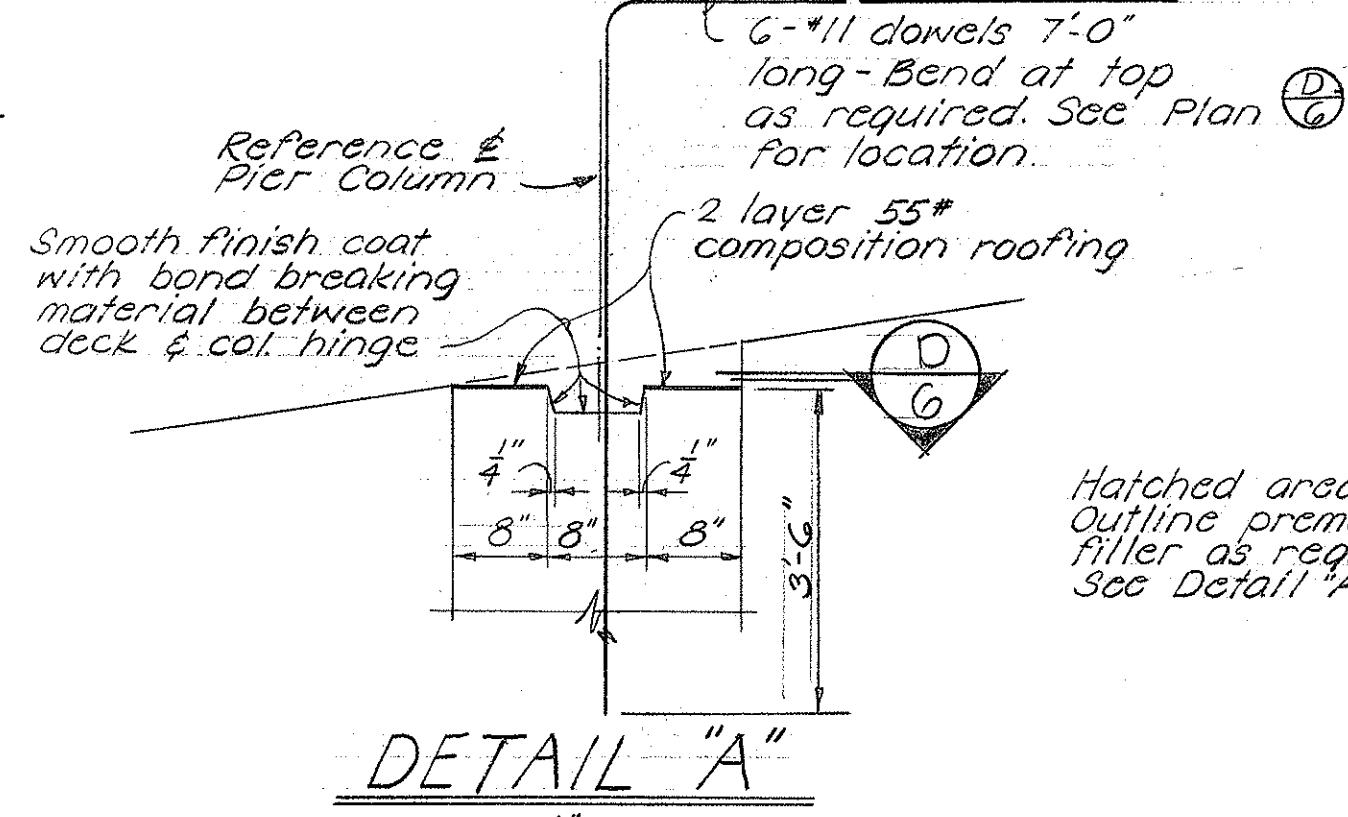
SCALE: $\frac{3}{4}'' = 1' - 0$



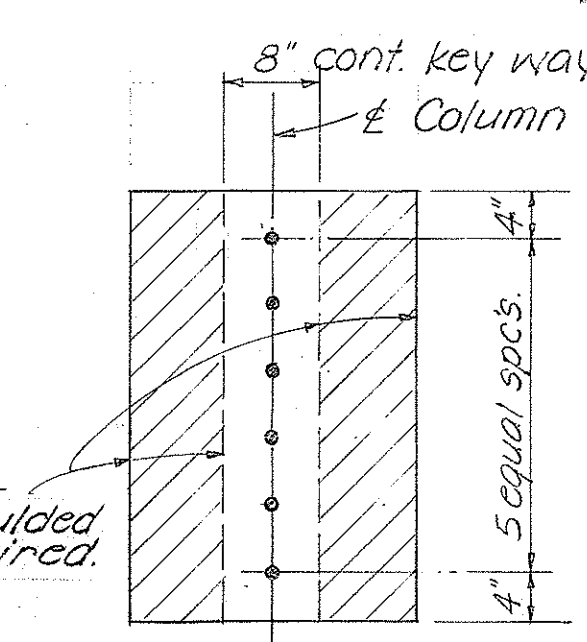
SCALE: $\frac{3}{4}" = 1' - 0"$



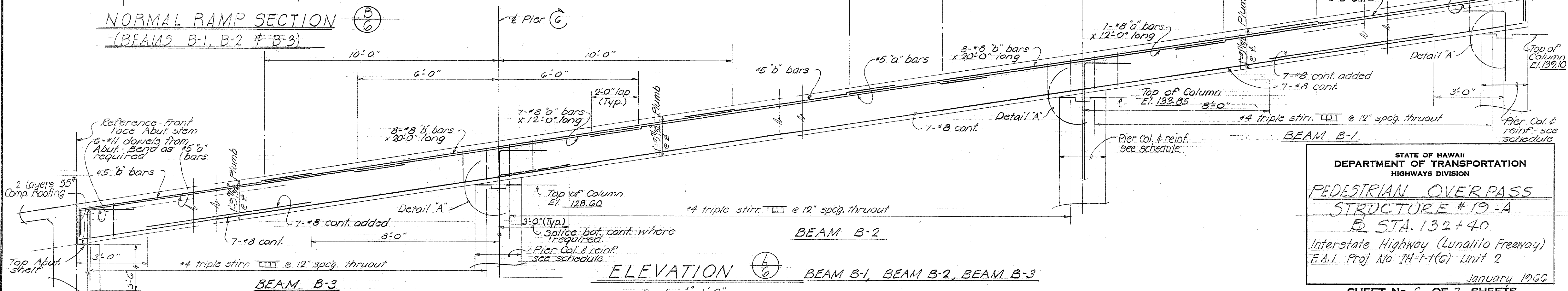
Scale: $1\frac{1}{2}" = 1'-0"$



Scale: $1\frac{1}{2}" = 1' - 0"$



Scale: $\frac{1}{2}'' = 1'-0''$



Scale: $\frac{1}{2}'' = 1'-0''$

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PEDESTRIAN OVERPASS
STRUCTURE #19-A
@ STA. 132+40
Interstate Highway (Lunalilo Freeway)
E.A.1 Proj. No. TH-1-1(G) Unit 2
January 1966

SHEET No. 6 OF 7 SHEETS

