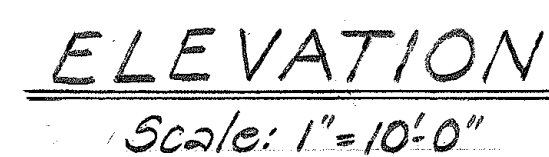
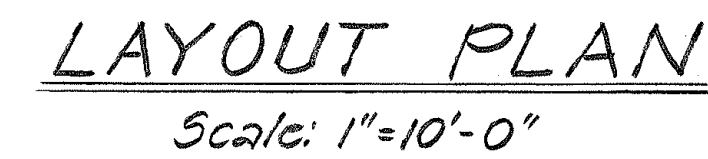


ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY <i>T. K. M.</i>	*
	DESIGNED BY <i>L. A. J. S.</i>	*
	QUANTITIES BY <i>T. S.</i>	*
	CHECKED BY <i>L. A. J. S.</i>	*
No. _____		



ITEM NO.	ITEM	UNIT	QUANTITIES
206.2140	Structure Excavation	Cu. Yd.	45 C.Y.
501.0215	Structural Steel	(L.S.)	2,610 Lbs.
502.2115	Treated Timber	(L.S.)	1.845 MFBM
503.0150	Class A Concrete for Wall Build-Up & Slab	(L.S.)	4 C.Y.
520.1096	1 1/4" Φ Drilled Holes for Dowels	Ea.	9 Ea.
508.0100	C.R.M.	Cu. Yd.	27 C.Y.
608.1100	Reinforced Concrete Sidewalk	Sq. Yd.	48 Sq. Yd.

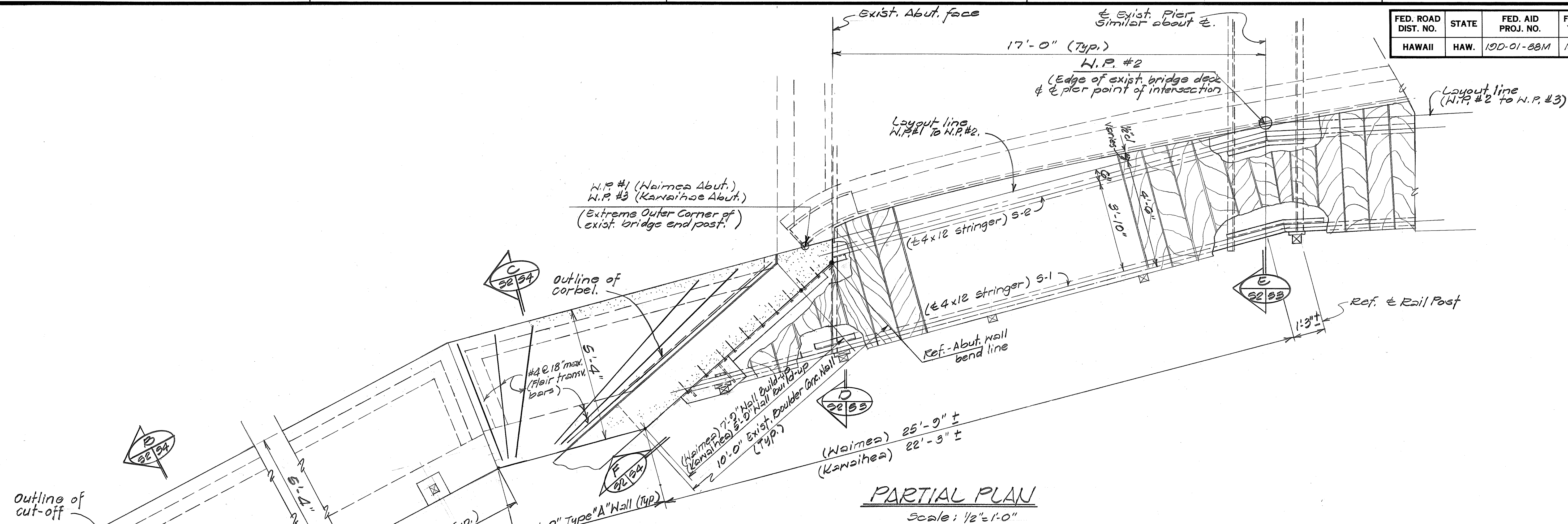
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PEDESTRIAN FOOTBRIDGE
AT WAIAKA STREAM BRIDGE
PLAN, ELEVATION & GENERAL NOTES
KAWAIHAE-WAIMEA RD. IMPROVEMENTS

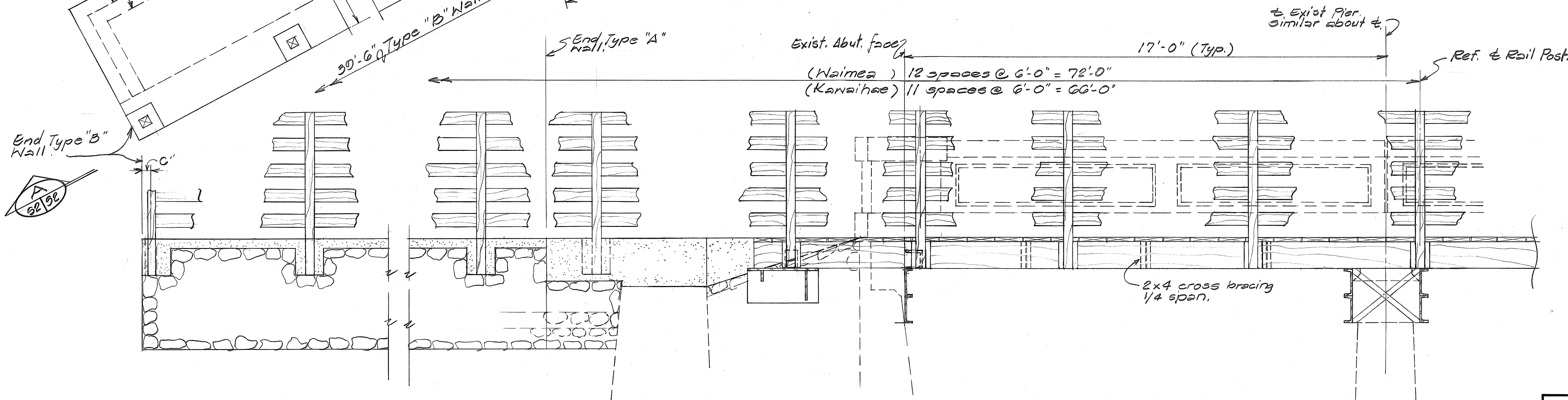
Proj. No. 19D-01-88M
Scale: As Noted Date: July 1987

SHEET No. 31 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	100-01-68M	1988		



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

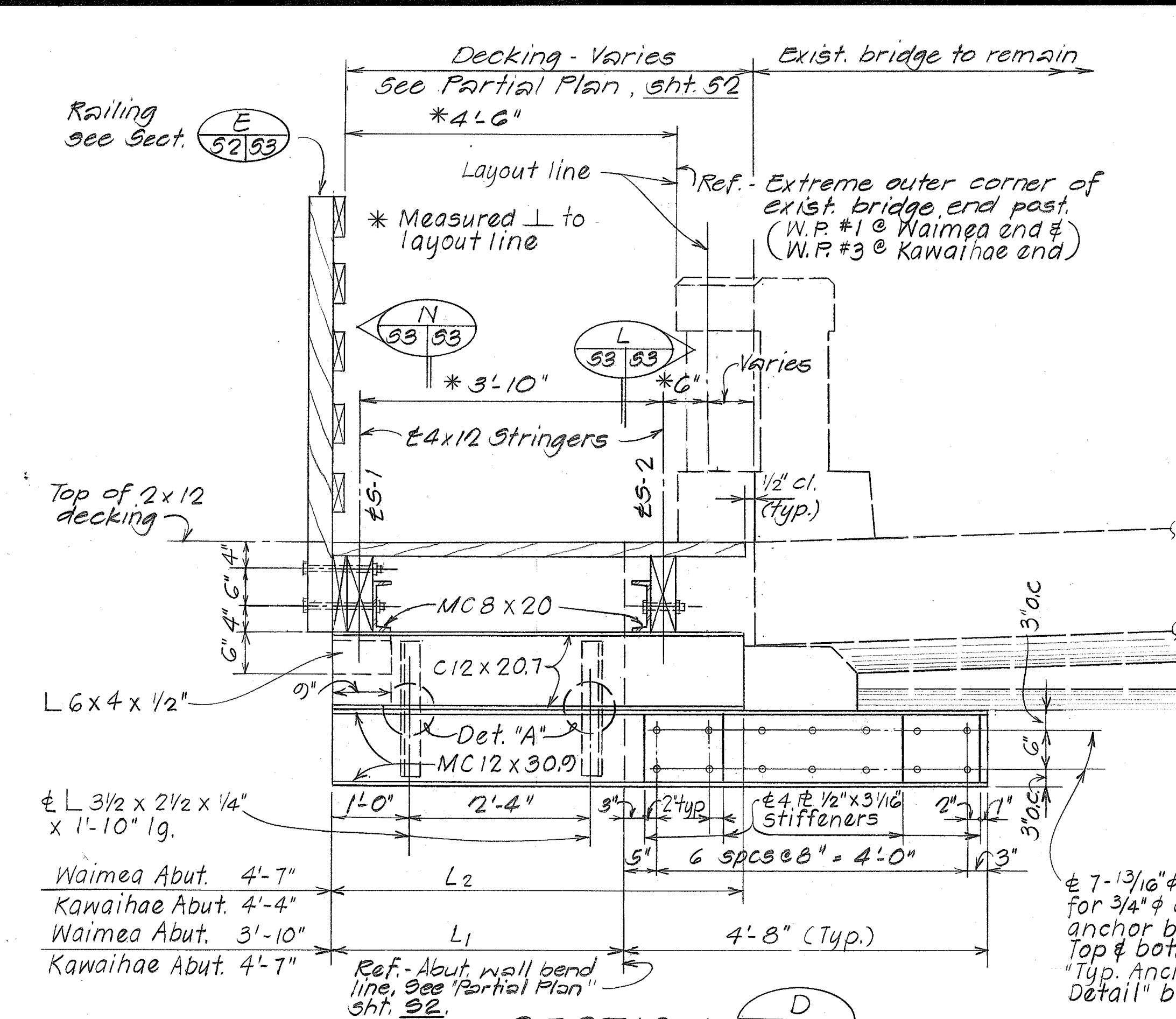


PARTIAL ELEVATION
Scale: 1/2" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**PEDESTRIAN FOOTBRIDGE
AT WAIKAHA STREAM BRIDGE**
PARTIAL PLAN & ELEVATION
KANAIHAE-WAIMEA RD. IMPROVEMENTS
Proj. No. 100-01-68M
Scale: As Noted Date: July 1987
SHEET No. 52 OF 4 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	100-01-88M	1988		

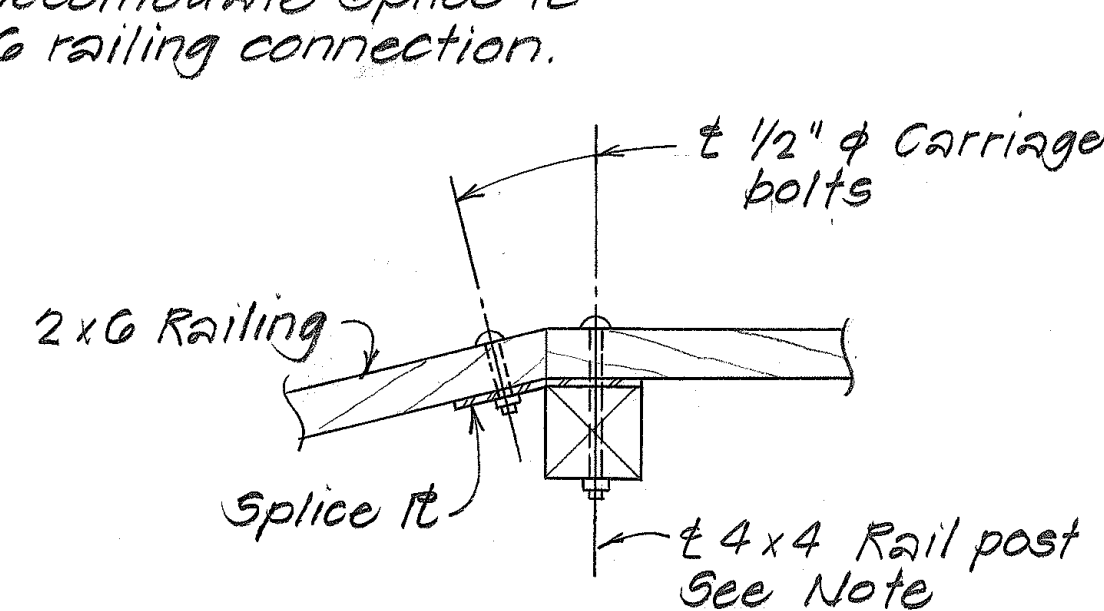


NOTE:
Provide 1/4" deep slot in rail
past to accommodate splice to
e ea, 2 x 6 railing connection.

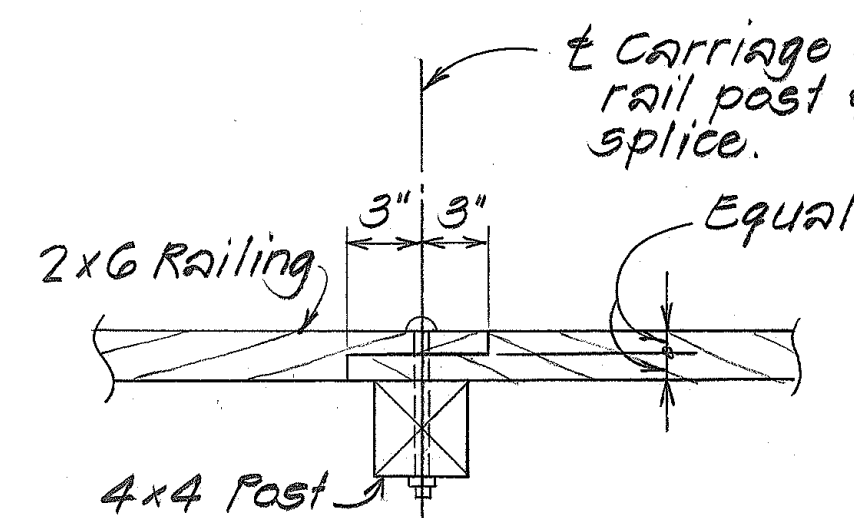
SECTION

52	53
----	----

(AT ABUT)
Scale: $3/4" = 1'-0"$

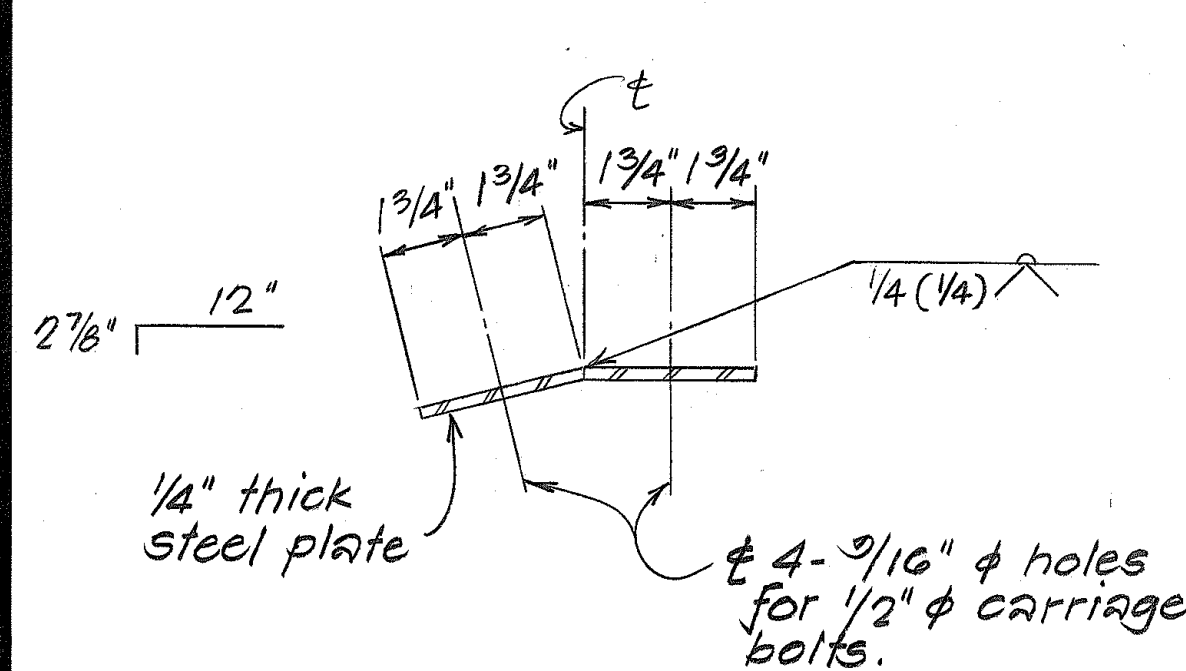


AT BEND

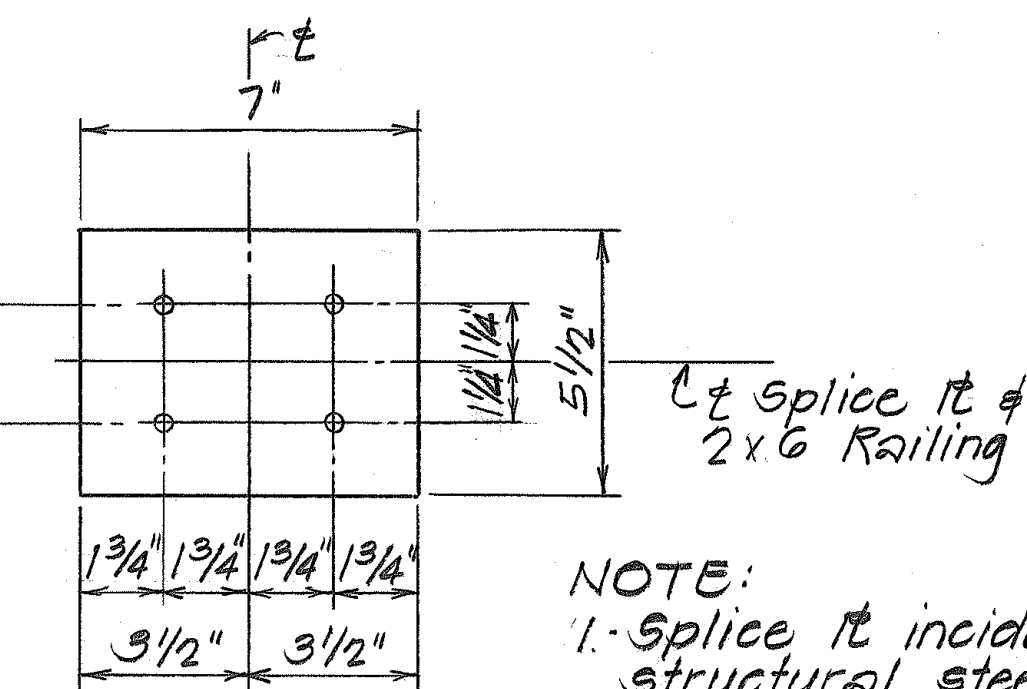


NORMAL

TYPICAL RAIL SPLICE DETAIL
Scale: 1 1/2" = 1'-0"

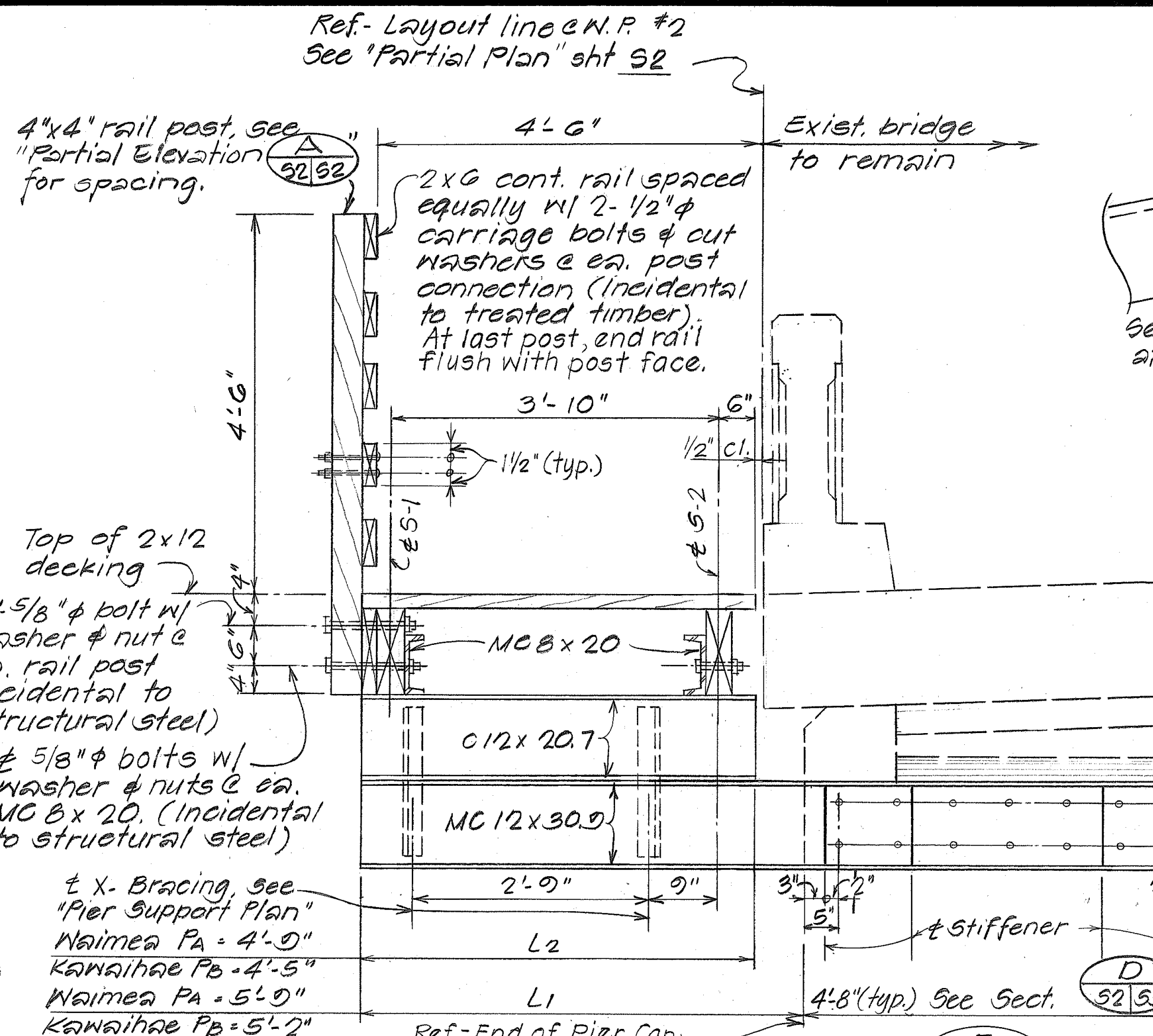


TOP VIEW

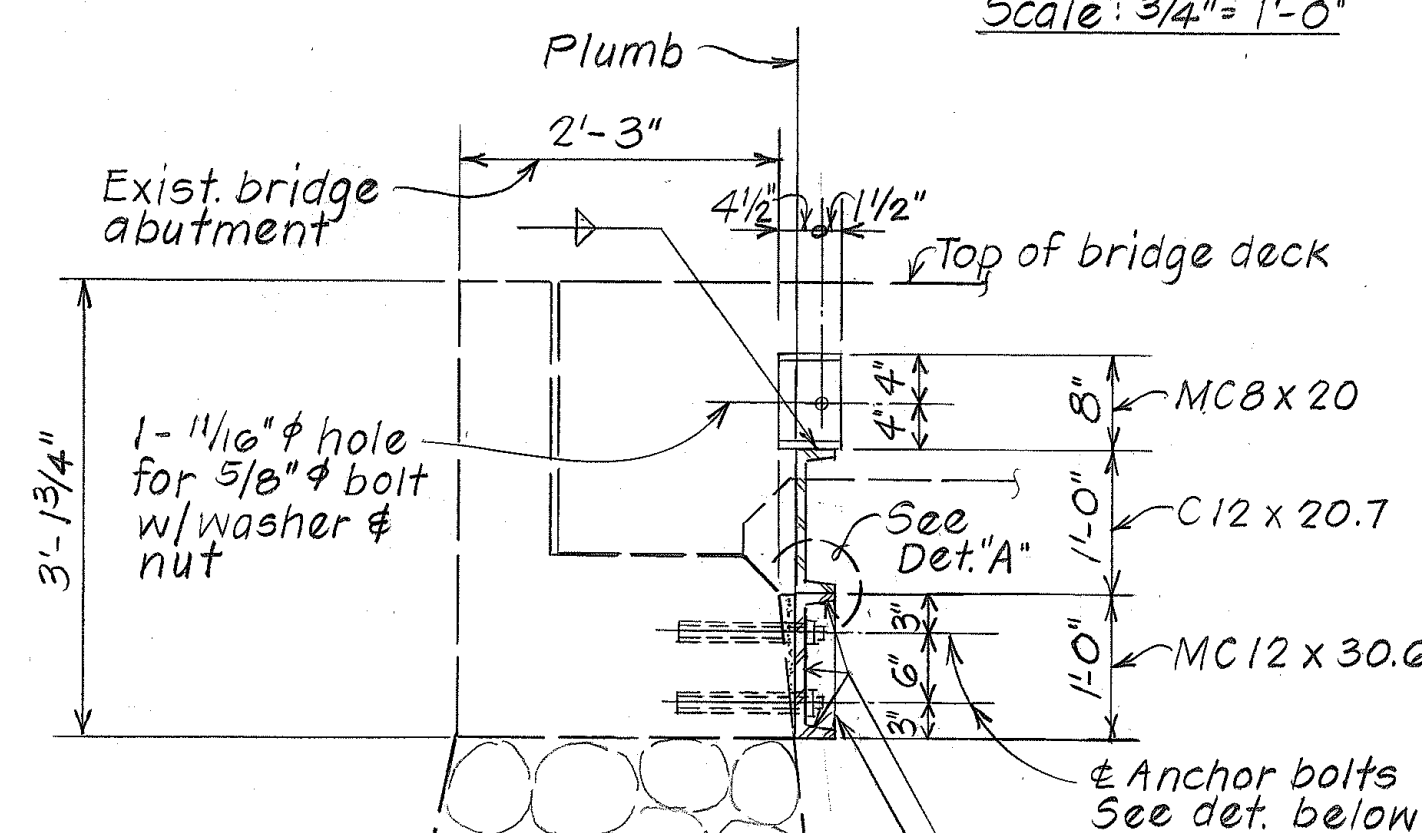


FRONT VIEW

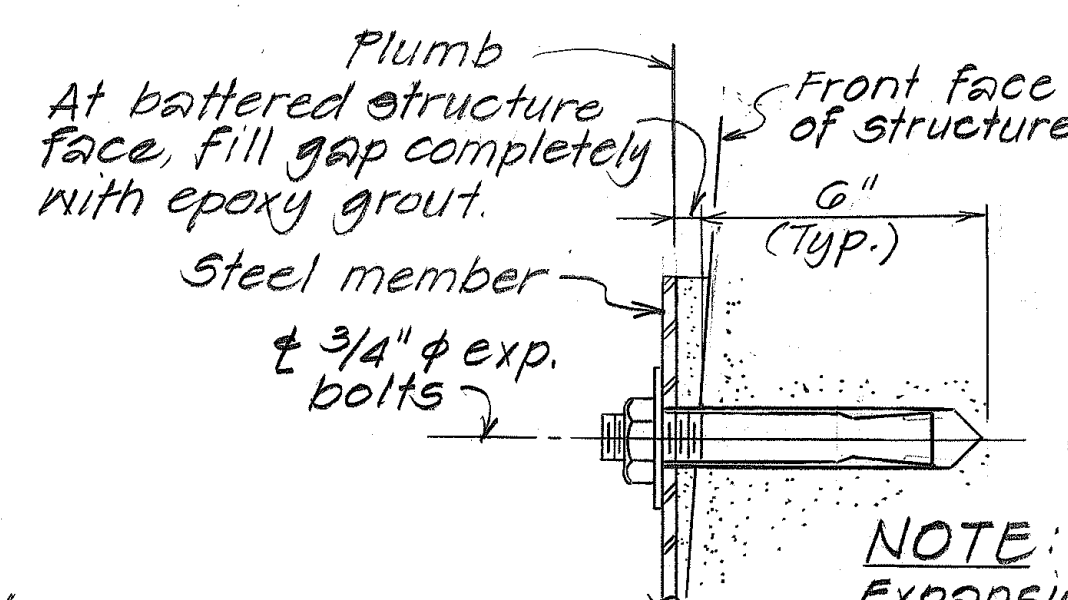
TYP. RAILING SPLICE & DETAILS Scale: 3"=1'-0"



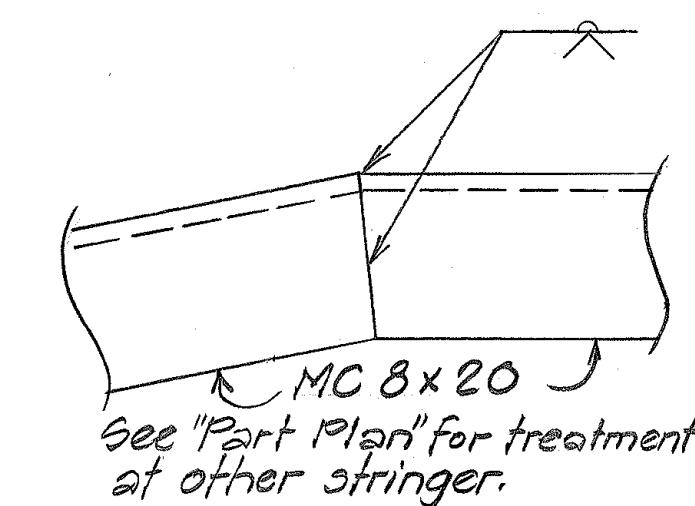
SECTION
(AT PIER)
Scale: $3/4" = 1'-0"$



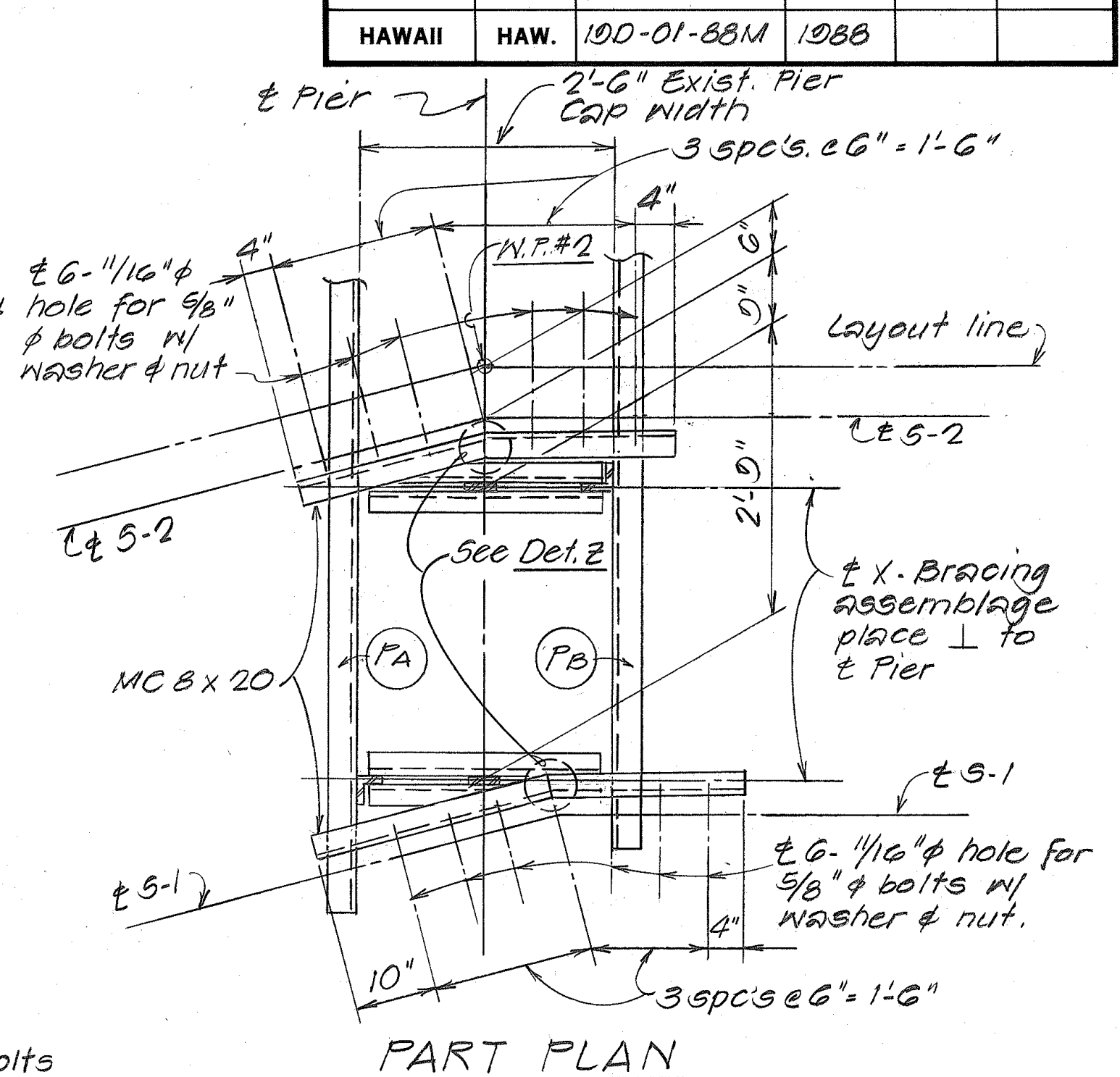
SECTION 
Scale: $\frac{3}{4}" = 1'-0"$



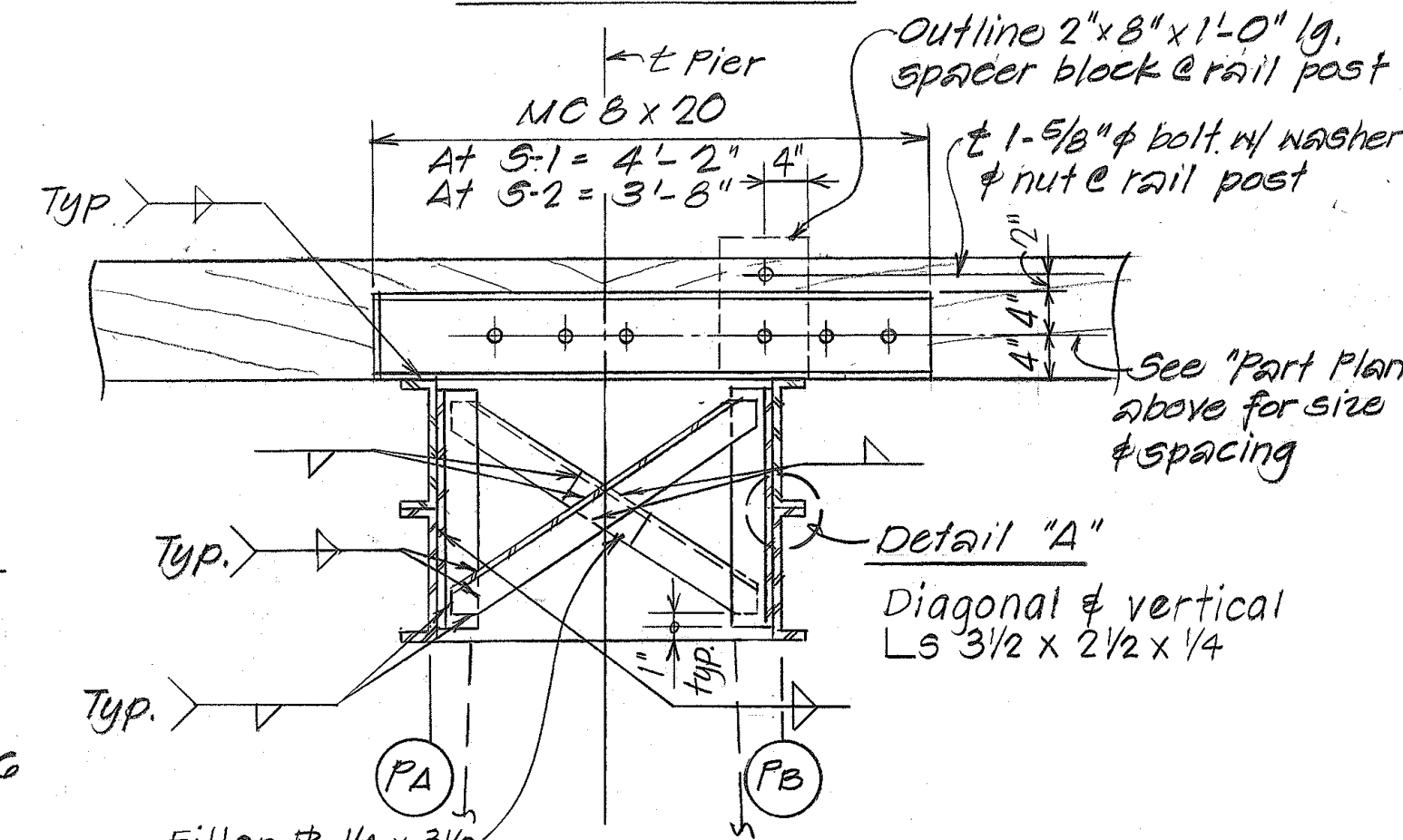
TYP. ANCHOR BOLT DETAIL
Scale: 3" = 1'-0"



DETAIL "Z"
Scale: 1"=3'-0"



PART PLAN

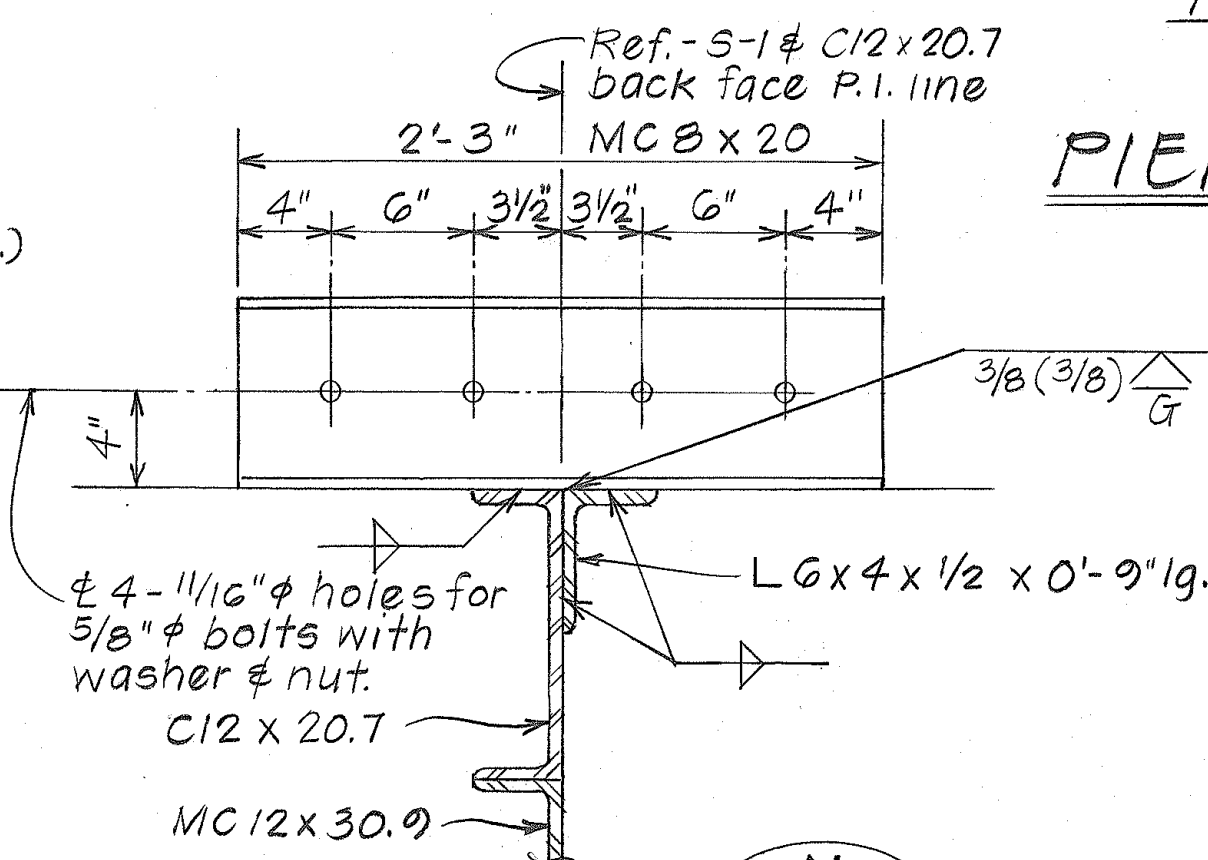


TYPICAL SECTION

PIER SUPPORT PLAN

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

NOTE:
Welds shall be 1/4" fillet, unless noted otherwise, with E60XX electrode.



DETAIL

N	
53	53

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PEDESTRIAN FOOTBRIDGE
AT WAIAKA STREAM BRIDGE

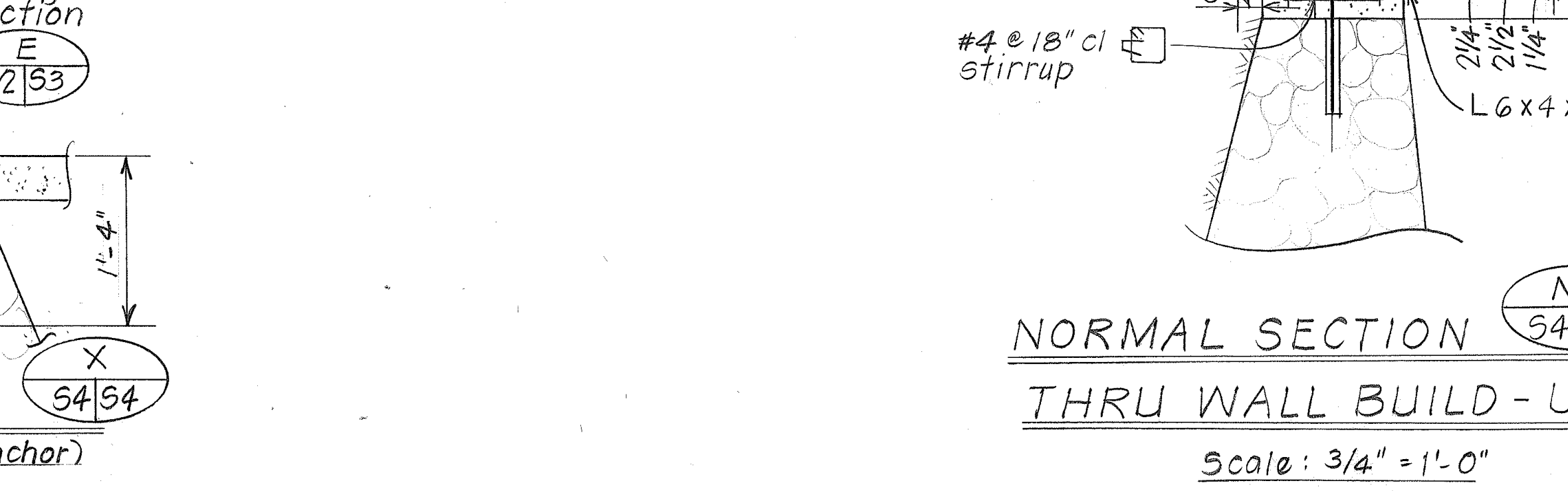
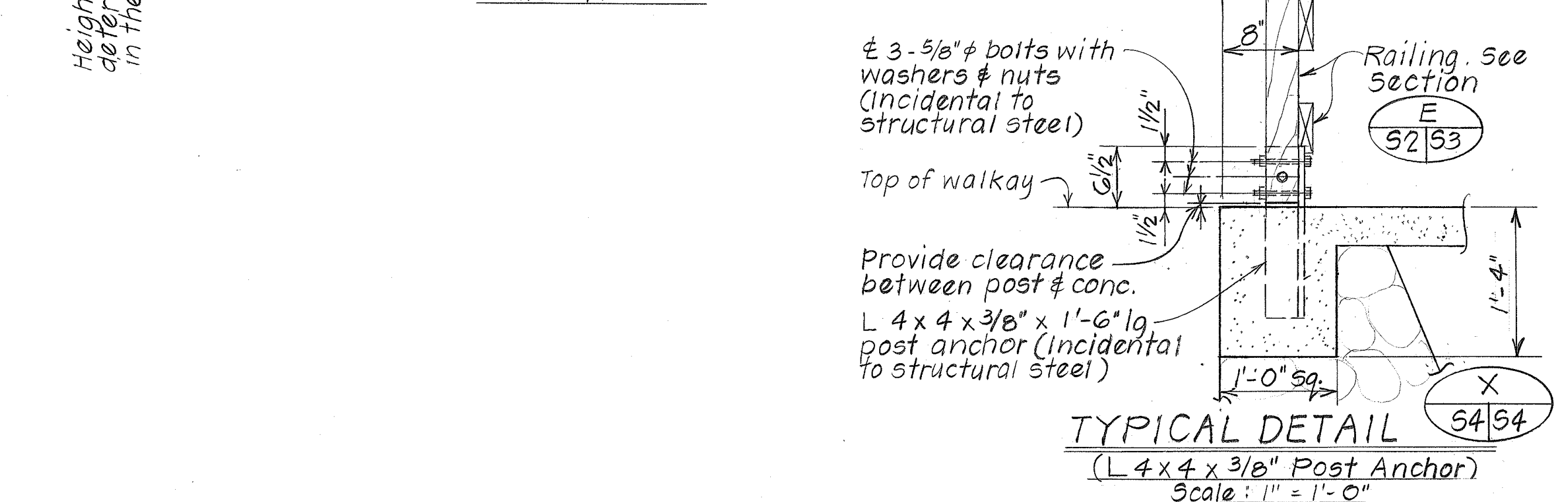
KAWAIIHAE-WAIMEA RD. IMPROVEMENTS

Proj. No. 19D-01-88M

SHEET No. 53 OF 4 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY <u>H.F.</u>	<u>7/27</u>
	TRACED BY <u>H.F.</u>	<u>7/27</u>
	DESIGNED BY <u>L.A. T.S.</u>	<u>7/27</u>
	QUANTITIES BY <u>T.S.</u>	<u>7/27</u>
	CHECKED BY <u>L.A. T.S.</u>	<u>7/27</u>

ORIGINAL
PLAN



Approx. Δ
Angle to be
verified in the field

Ref. - Front face
of wall

1-1 1/16" ϕ hole for 5/8" ϕ
bolt w/ washer & nut

Pl 1/2 x 8 x 8

1"

3/8"

5 1/16"

4 7/16"

8 1/16"

1 5/16"

10"

SECTION

Height

Approx. Exist.
gr. line

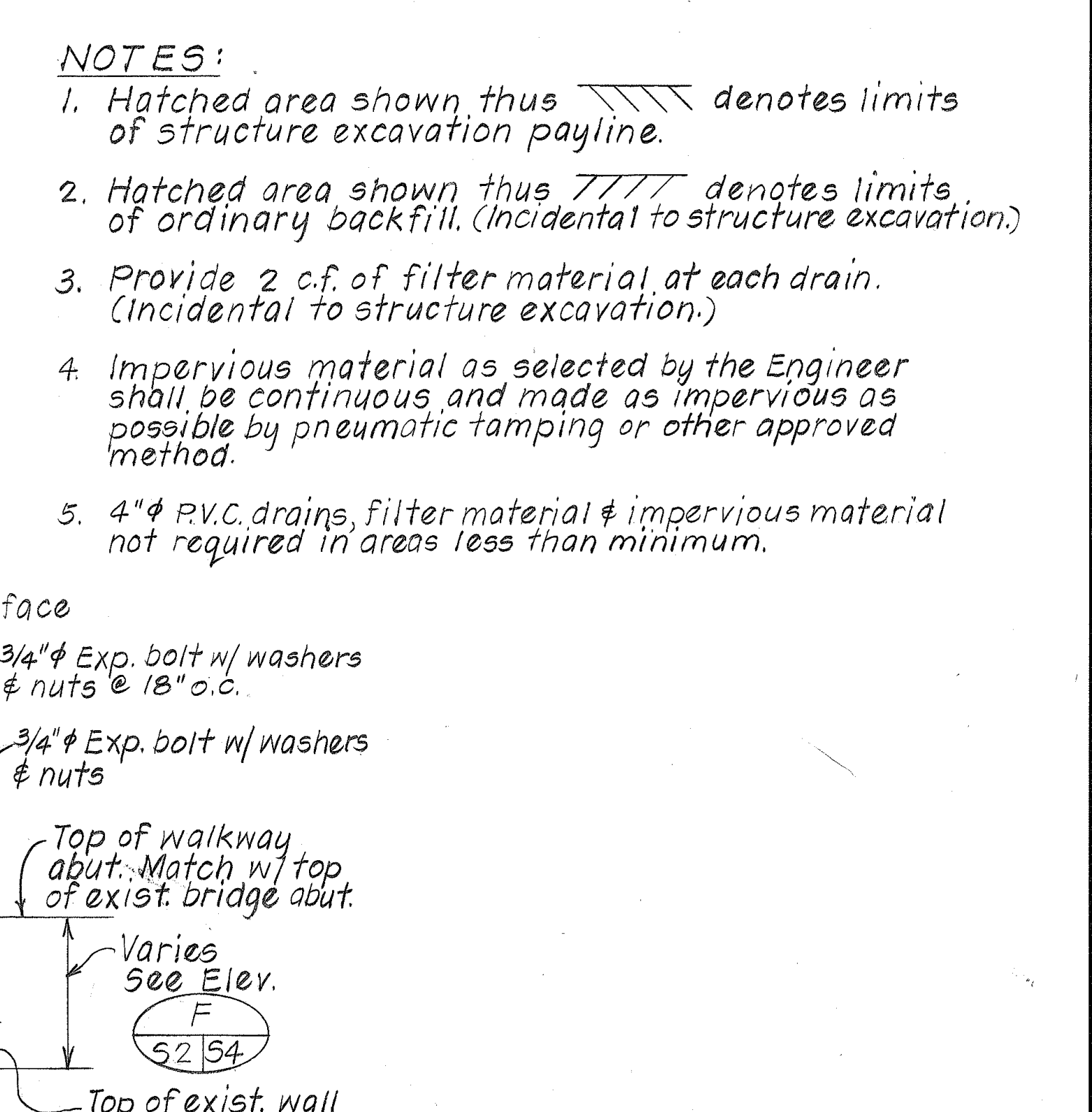
1'-6" min
Enbankment

Neat cut

TYP. S

& B

K
5454



NOTES:

1. Hatched area shown thus  denotes limits of structure excavation payable.
2. Hatched area shown thus  denotes limits of ordinary backfill. (Incidental to structure excavation.)
3. Provide 2 c.f. of filter material at each drain. (Incidental to structure excavation.)
4. Impervious material as selected by the Engineer shall be continuous and made as impervious as possible by pneumatic tamping or other approved method.
5. 4" ϕ R.V.C. drains, filter material & impervious material not required in areas less than minimum.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PEDESTRIAN FOOTBRIDGE
AT WAIAKA STREAM BRIDGE
SECTIONS & DETAILS
KAWAIHAE-WAIMEA RD. IMPROVEMENTS
Proj. No. 10D-01-88M
Scale: As Noted Date: July 1987

SHEET No. 34 OF 4 SHEETS