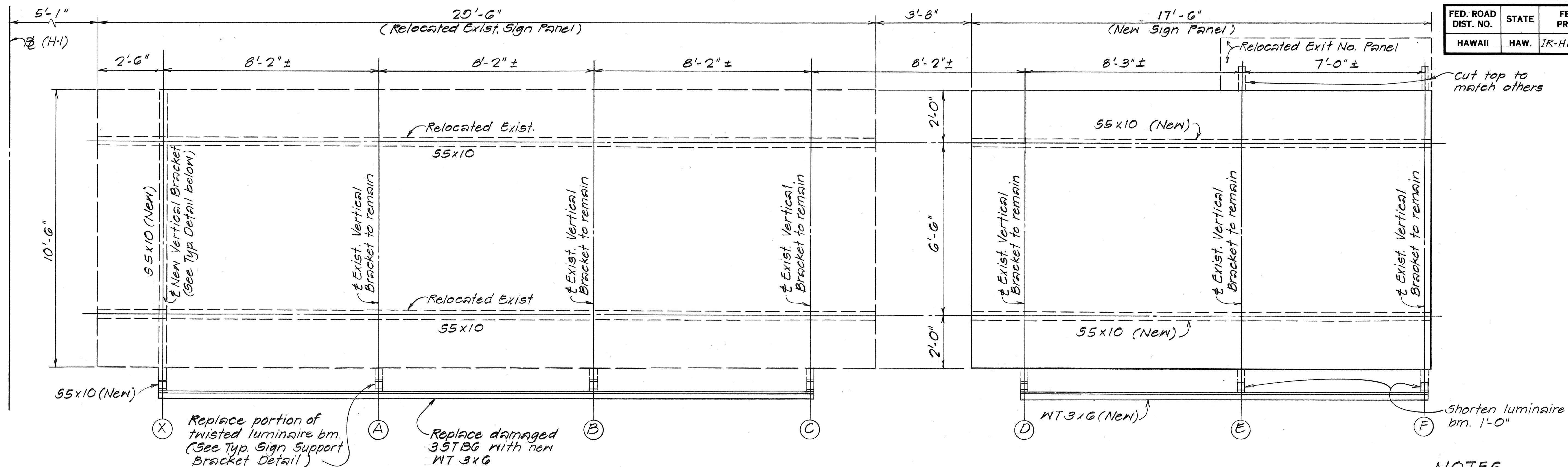


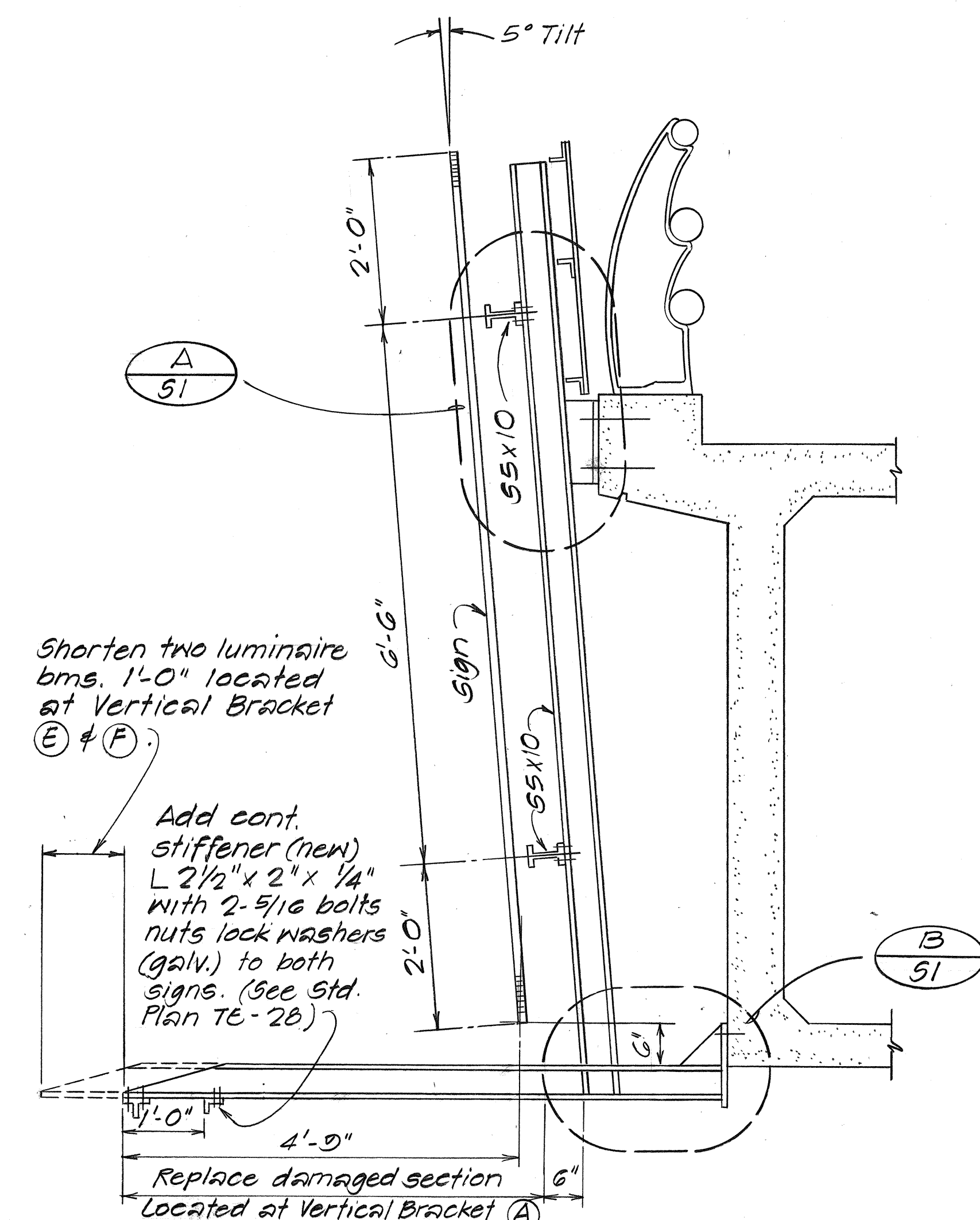
| FED. ROAD<br>DIST. NO. | STATE | FED. AID<br>PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| HAWAII                 | HAW.  | IR-HI-1(206)          | 1987           | 39           | 40              |



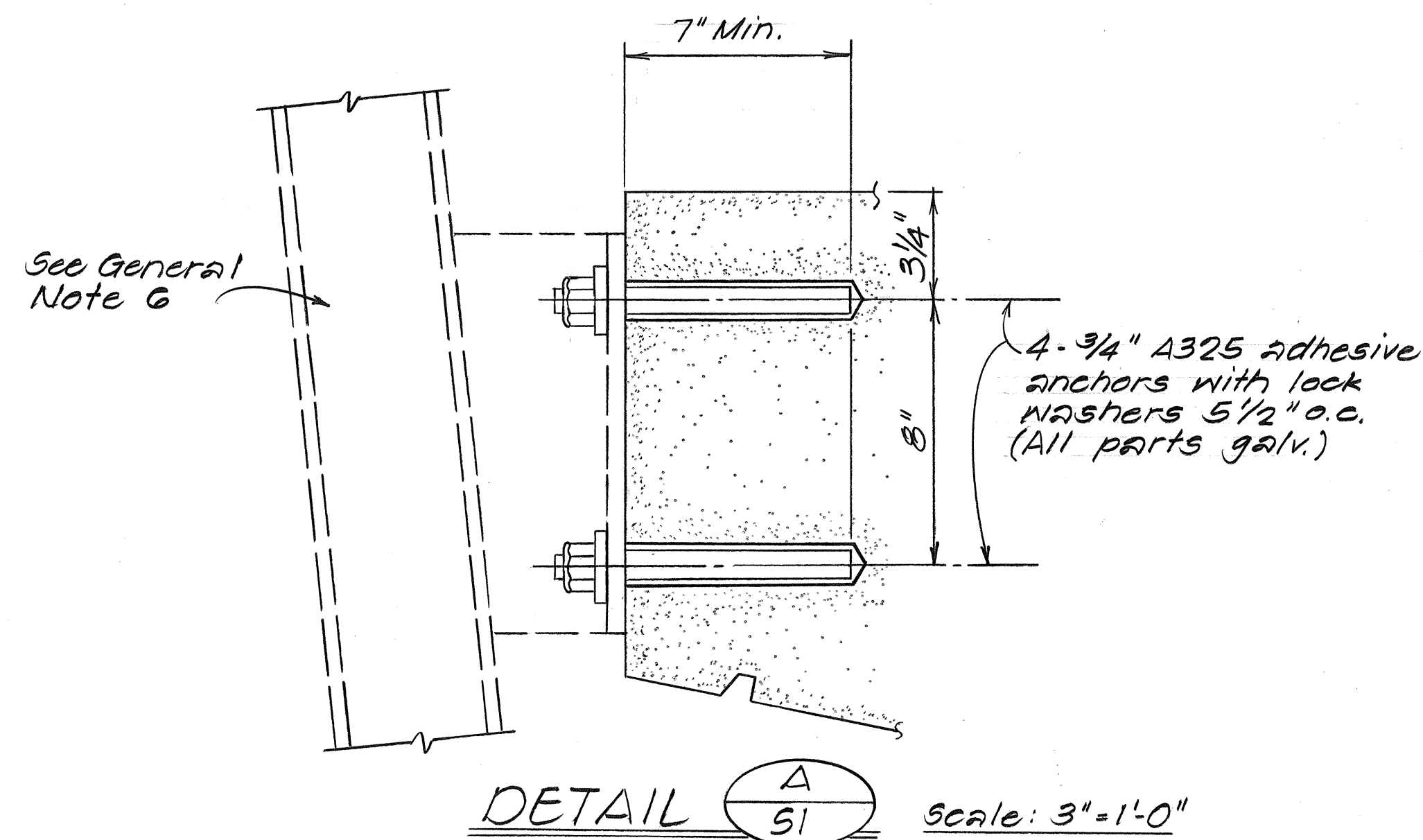
ELEVATION OF SIGNS      Scale:  $\frac{1}{2}" = 1'-0"$

- ## NOTES

1. All aluminum to steel connectors to be stainless steel.
2. All aluminum in contact with steel or concrete to be properly protected to prevent corrosion.
3. For luminaire & electrical details, see Highway Drawings.
4. All steel components to be hot-dipped galv. according to the requirements of ASTM A123 and ASTM A153 as applicable.
5. Drill new holes at (E) & (F) on Existing Vertical Brackets for connection bolts. Plug all old holes on Existing Vertical Brackets at lines (E) & (F). Touch-up plugged holes with cold galvanizing as approved by the Engineer and paint over with Dark Green Enamel Paint.

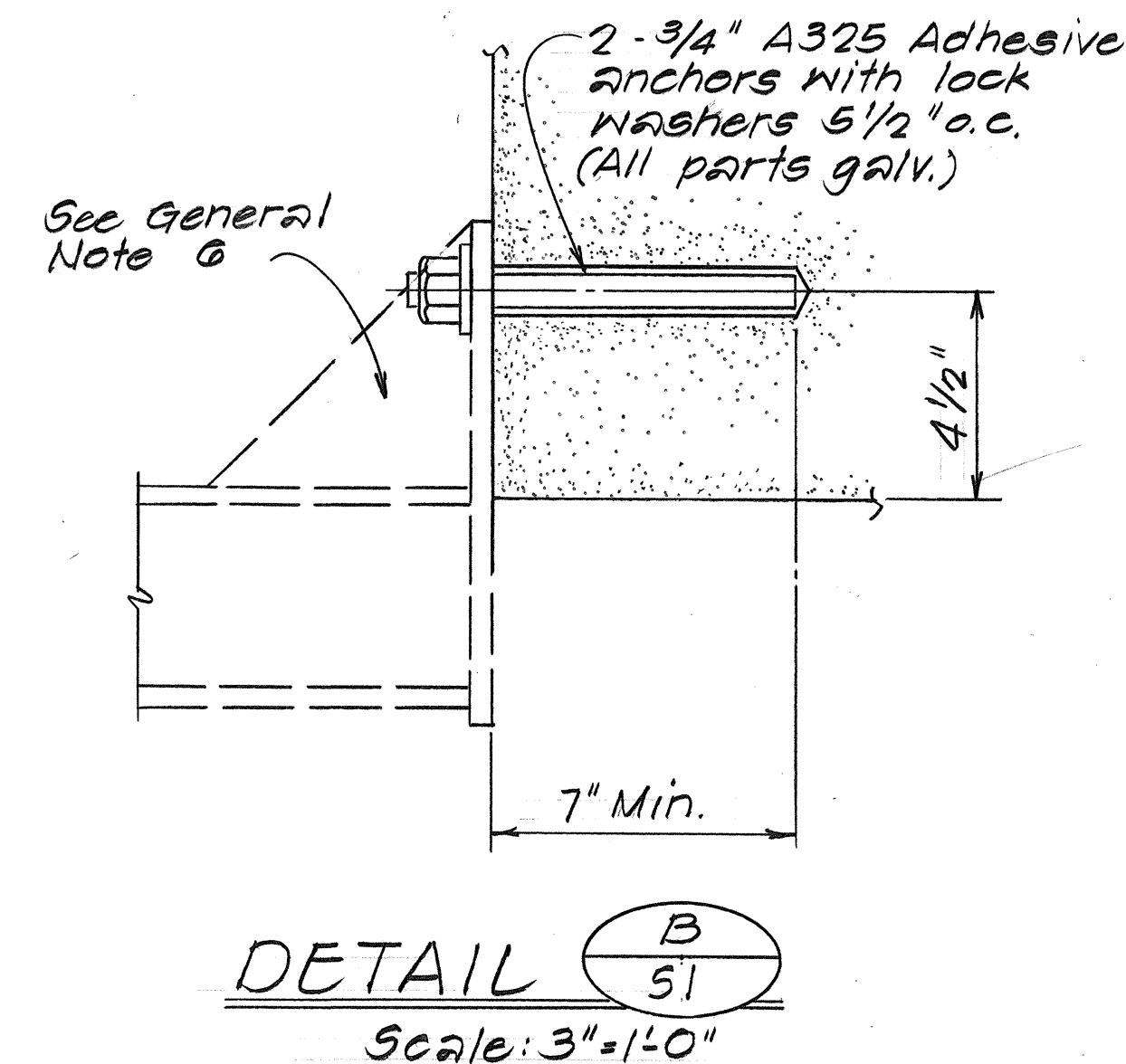


TYP. SIGN SUPPORT BRACKET DETAIL Scale:  $\frac{3}{4}" = 1'-0"$



## GENERAL NOTES

1. Contractor should verify connection points on existing vertical bracket before fabricating connection points on new bracket.
2. Care should be taken when removing and installing the 20'-6" x 10'-6" sign. Damage to galvanizing shall be repaired as per Hawaii Spec. 501.03 (G). Any structural damage will be repaired by the Contractor at no cost to the State.
3. Relocate existing 0.040" aluminum sheet cover with 20'-6" x 10'-6" sign and provide new 0.040" aluminum sheet cover for 17'-6" x 10'-6" sign.
4. New steel bracket components shall be painted with Dark Green Enamel Paint. Touch up existing painted parts where needed.
5. For Details of Aluminum mountings see Standard Plans TE-25.
6. For Details and Materials not covered on this sheet see Sht. 52.
7. Use Non-Pneumatic drill for drilling anchor bolt holes.



DETAIL   
Scale: 3" = 1'-0"

|                  |                                    |
|------------------|------------------------------------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY _____ DATE _____ |
| NOTE BOOK        | DRAWN BY _____                     |
|                  | TRACED BY _____                    |
|                  | DESIGNED BY _____                  |
|                  | QUANTITIES BY _____                |
| NO. _____        | CHECKED BY _____                   |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

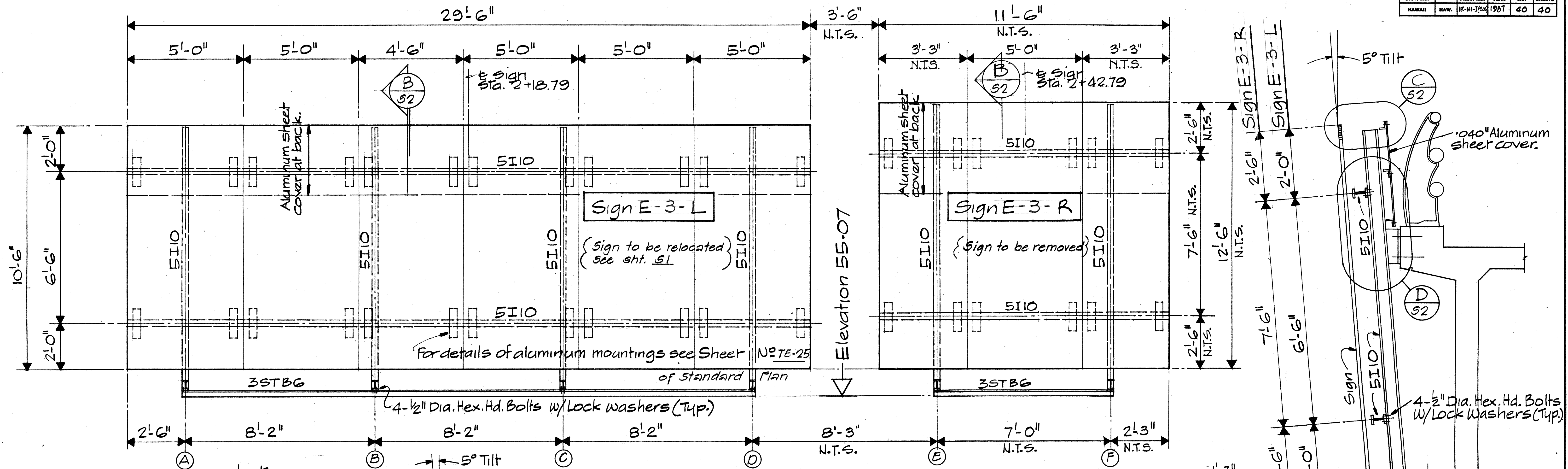
## SIGN & LUMINAIRE SUPPORT DETAILS

INTERSTATE ROUTE H-1  
ADDITIONAL LANES, PHASE II  
F.A.I. PROJ. NO. IR-H1-1(206)

Scale: As Shown      Date: Feb. 1987

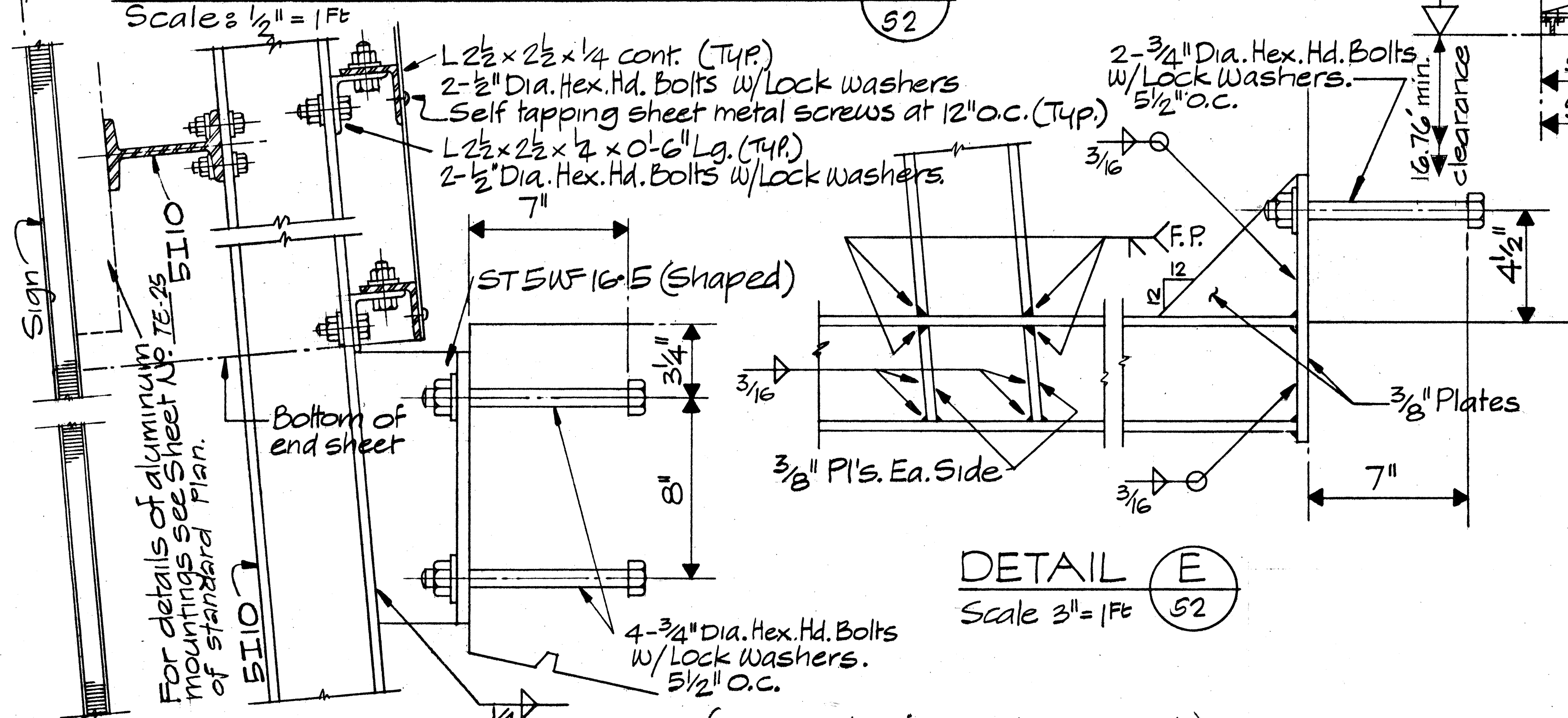
**SHEET No.5/ OF 2 SHEETS**





### ELEVATION OF SIGNS (A) 52

Scale: 1/2" = 1 Ft



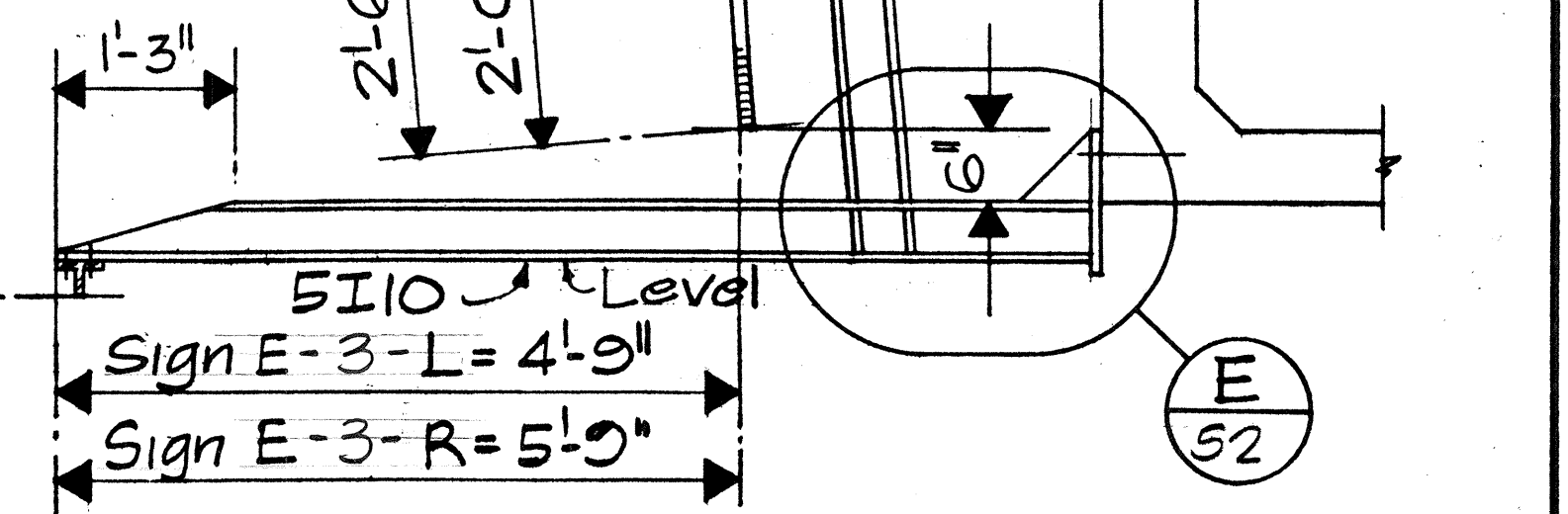
### DETAIL (E) 52

Scale 3" = 1 Ft

(The existing sign & luminaire support details remain valid, and shall be utilized where applicable.)

### SECTION (B) 52

Scale: 3/4" = 1 Ft



### NOTES

1. All aluminum to steel connectors to be stainless steel.
2. All aluminum in contact with steel or conc. to be properly protected to prevent corrosion.
3. For luminaire & electrical details, see Electrical drawings.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**EXISTING SIGN & LUMINAIRE SUPPORT DETAILS**

INTERSTATE ROUTE H-1  
ADDITIONAL LANES, PHASE II  
F.A.I. PROJ. NO. IR H-1(206)

Scale: As Shown Date: Feb. 1987

SHEET No. 52 OF 2 SHEETS