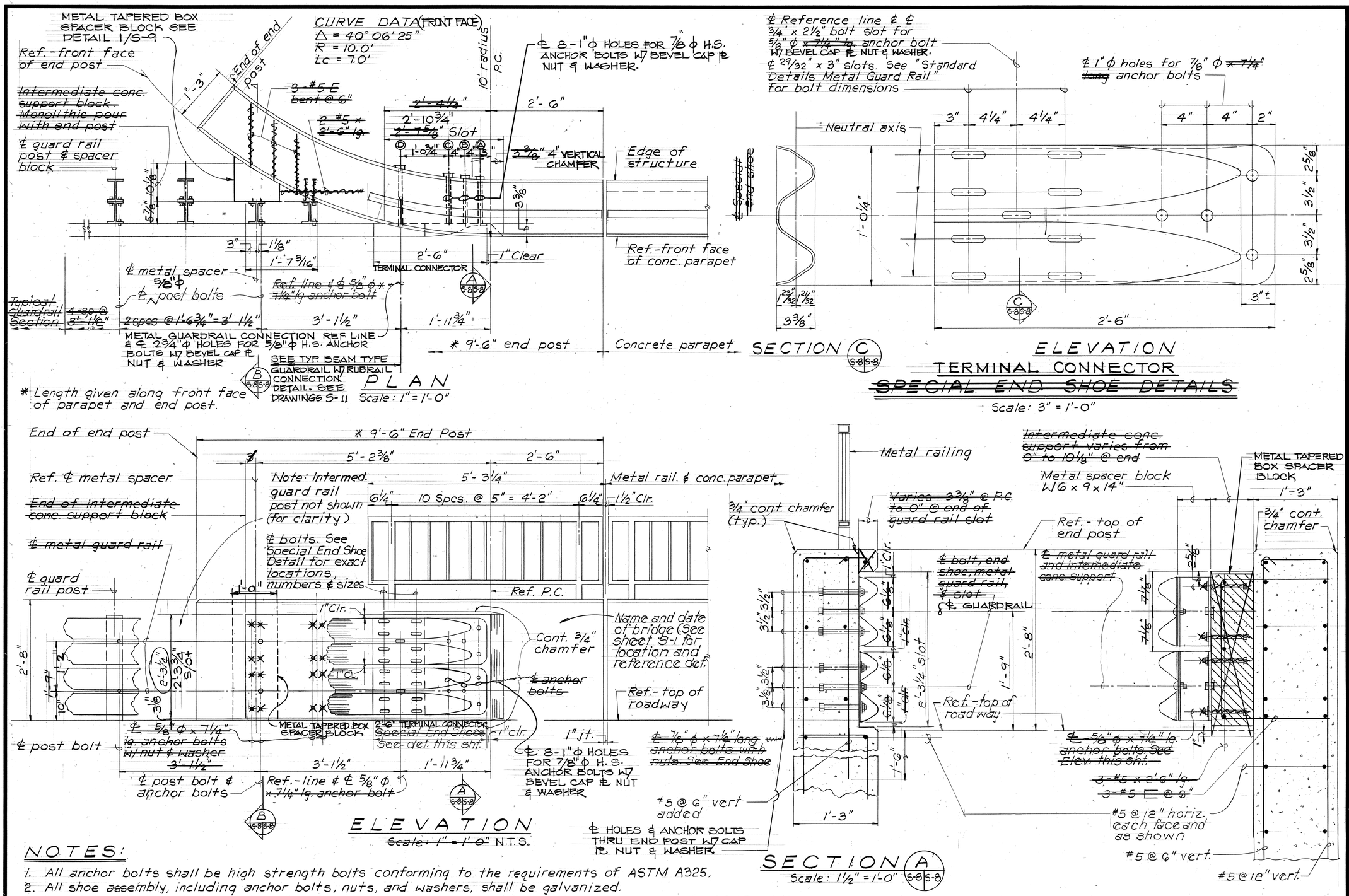

NOTES:

1. All anchor bolts shall be high strength bolts conforming to the requirements of ASTM A325.
2. All shoe assembly, including anchor bolts, nuts, and washers, shall be galvanized.
3. Special end shoe shall be fabricated from 10 gage steel conforming to the requirements of AASHTO 180

~~4. Anchor bolt length given from under bolt head.~~
4. ~~5.~~ Front face of end post to match front face of typical concrete parapet.
~~6. Guardrail, slot, end shoe and connection occur only at two of the four end posts. See Sht. S-1 for locations.~~
5. ~~7.~~ Metal railing 5'-3¼" long occure on all four end posts.

STATE OF HAWAII 1959

Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

HAROLD TAKASHI MIYAMOTO
REGISTERED PROFESSIONAL ENGINEER
No. 1514-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

DSGN.	DRWN.	CHKD.	APPD.
L.S	G.K	V.C	H.T.M

KEY PLAN / NOTES :

NO.	DATE	REVISIONS

RECORD DRAWINGS

This record drawing has been prepared, in part, based upon information furnished by others. The Engineer is thus not responsible for the accuracy of this record drawing or for any errors or omissions which may have been incorporated into it as a result.

Date: July 12, 1991

PROJECT TITLE :

HANA HIGHWAY IMPROVEMENTS

PROJECT NO. :

STATE PROJ. NO. AM-1061-12
AIP PROJ. NO. 3-15-0006-11

SHEET TITLE :

METAL GUARD RAIL CONNECTION & END POST

DATE : 10-3-89

DWG. NO. : S-8