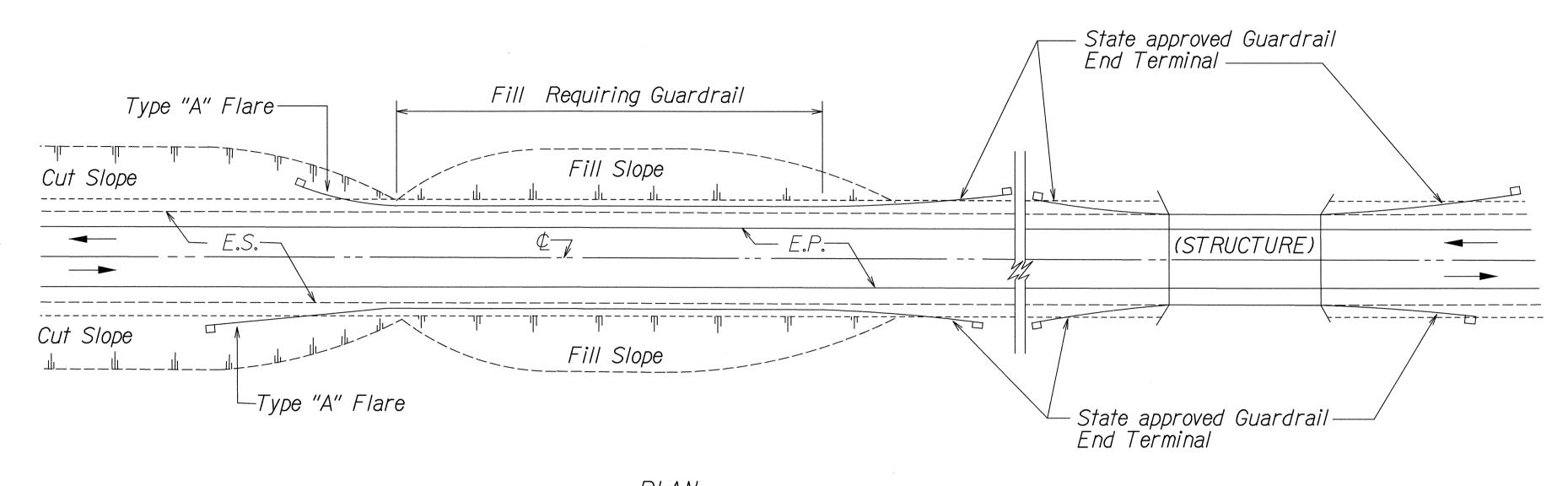
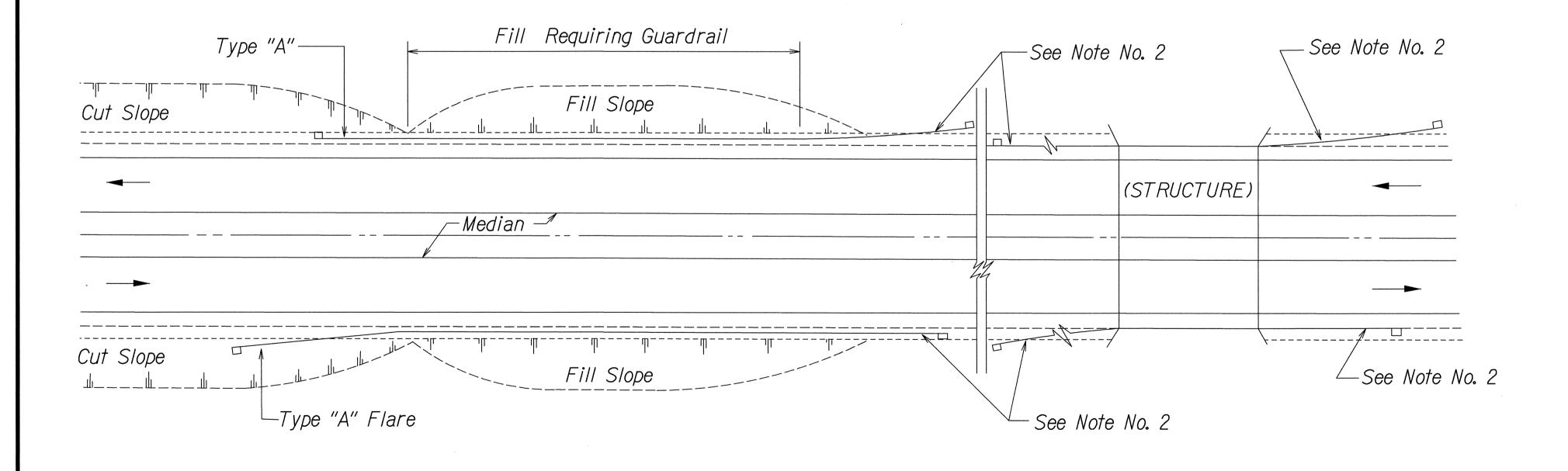


FED. ROAD	STATE	FEDERAL AID	FISCAL	SHEET	TOTAL
DIST. NO.		PROJ. NO.	YEAR	NO.	SHEETS
HAWAII	HAWAII	ER-14(1)	2006	19	34



PLAN TWO WAY ROADWAY



<u>PLAN</u> ONE WAY ROADWAY (DIVIDED HIGHWAY)

SURVEY PLOTTE
DRAWN BY
TRACED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY

J:/DOT-Kauai/Road/te58rev.dgn

NOTES:

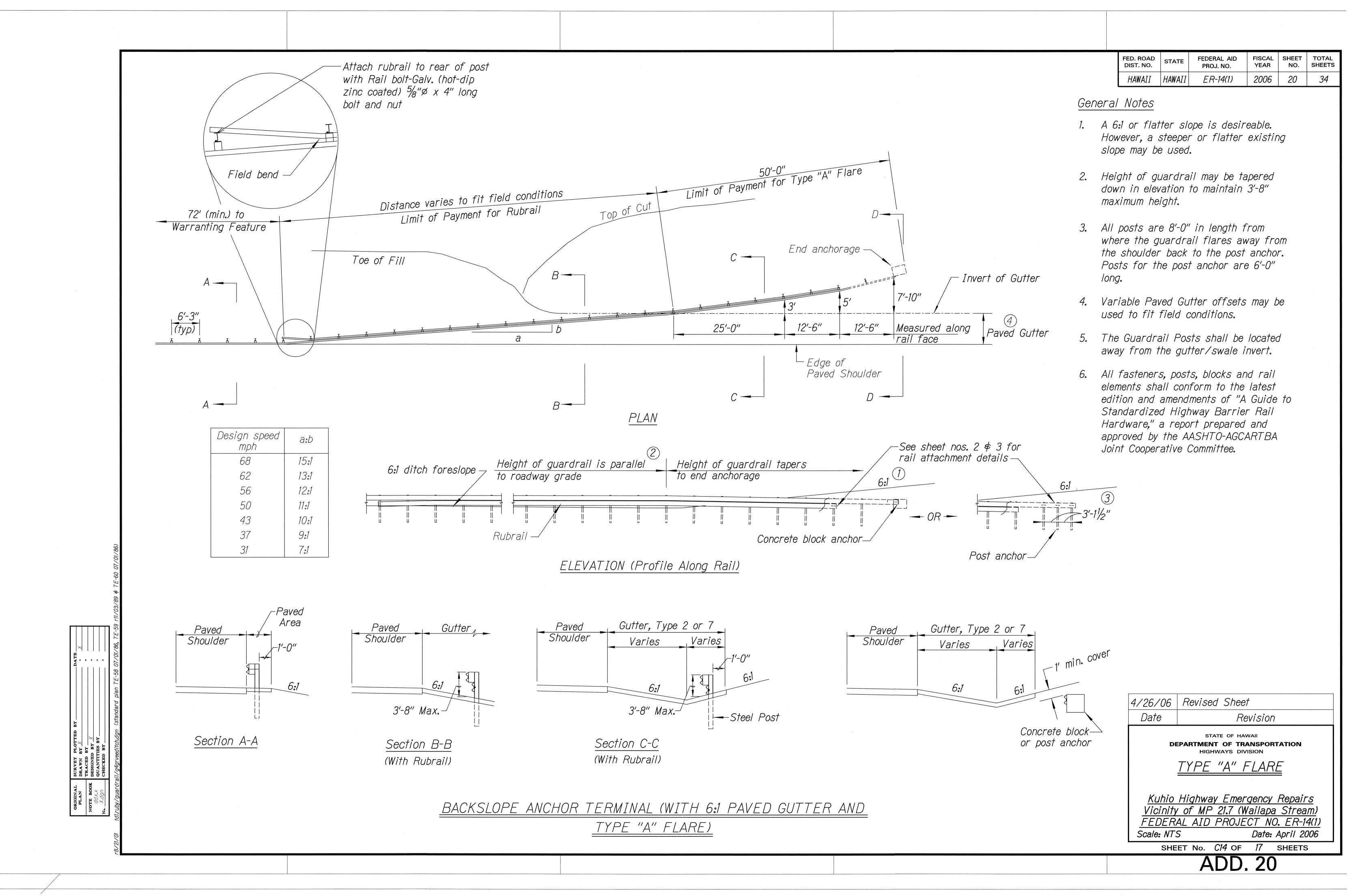
- 1. Metal Guardrail connection to concrete structures requires End Post Connection. See Structure Plans.
- 2. Depending on the existing field conditions, the Engineer shall determine which guardrail end terminal should be installed.
- 3. Refer to State's most current approved Product List for NCHRP 350 approved Guardrail End Terminals.

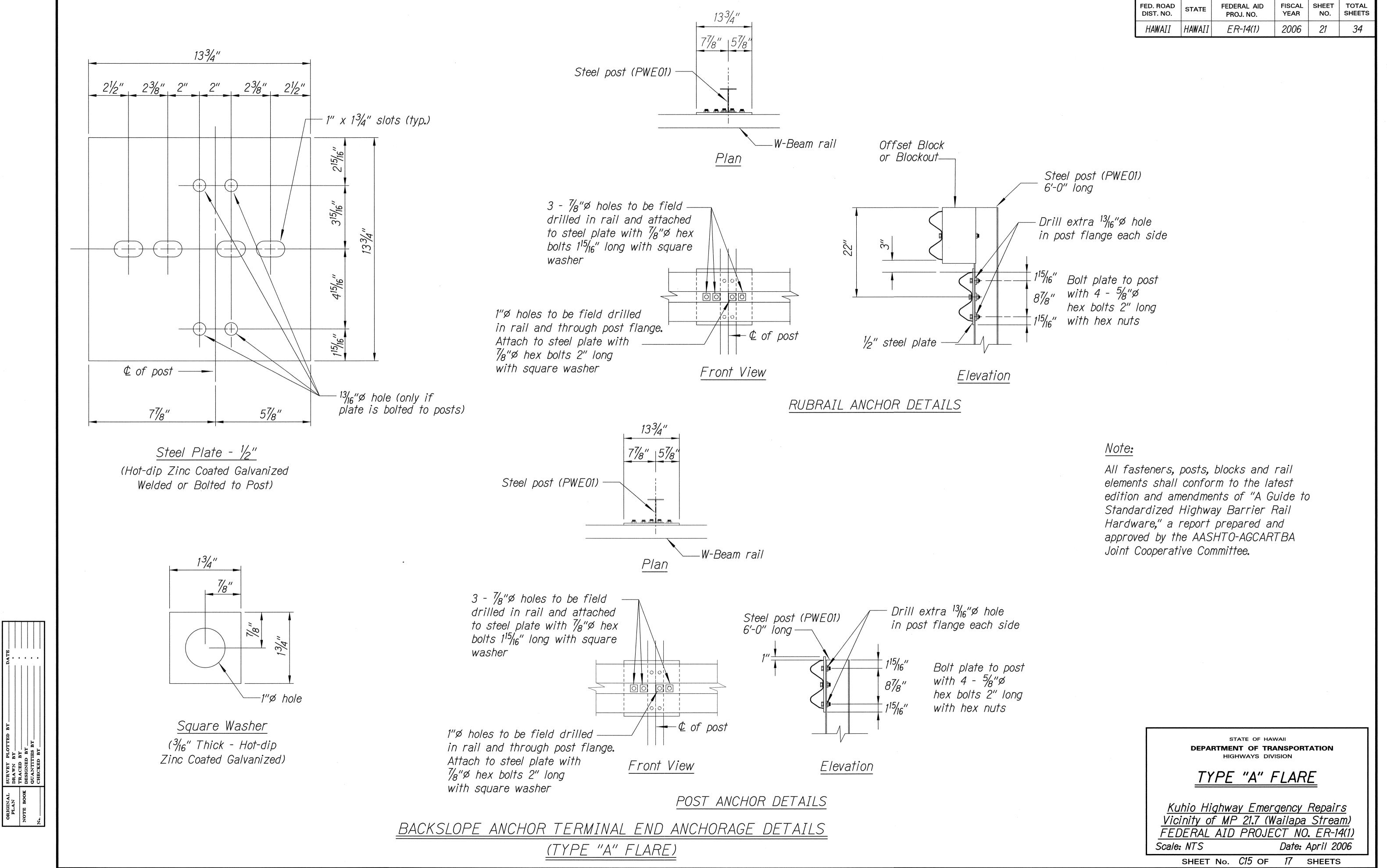
STATE OF HAWAII **DEPARTMENT OF TRANSPORTATION** HIGHWAYS DIVISION

GUARDRAIL DETAILS

Kuhio Highway Emergency Repairs
Vicinity of MP 21.7 (Wailapa Stream) FEDERAL AID PROJECT NO. ER-14(1) Scale: NTS Date: April 2006

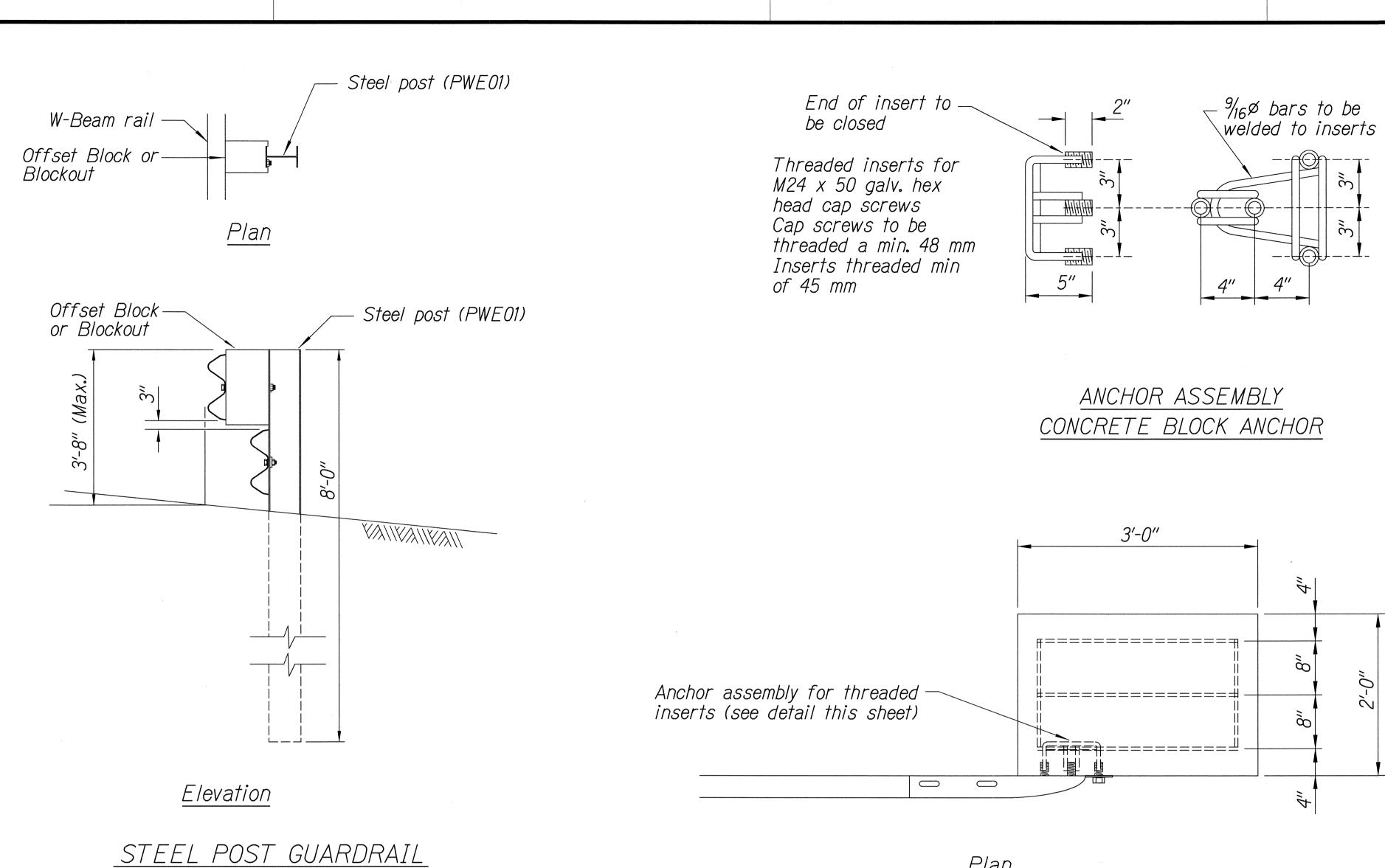
SHEET No. *C13* OF *17* SHEETS





J:/DOT-Kauai/Road/g4det2.dgn

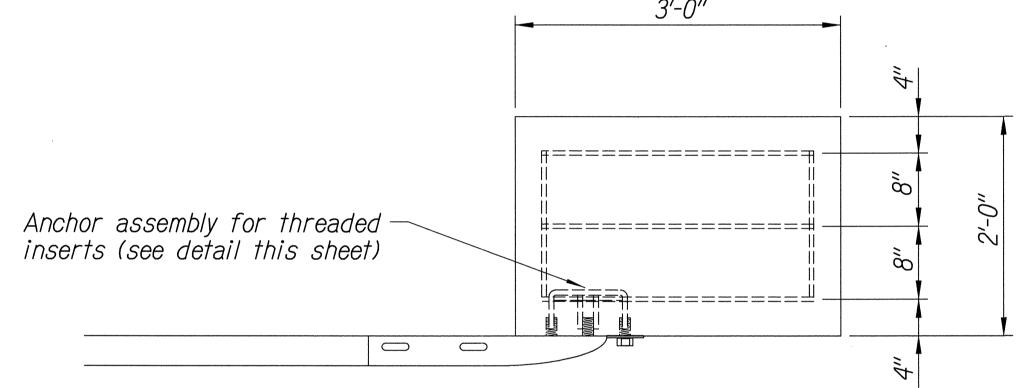
21



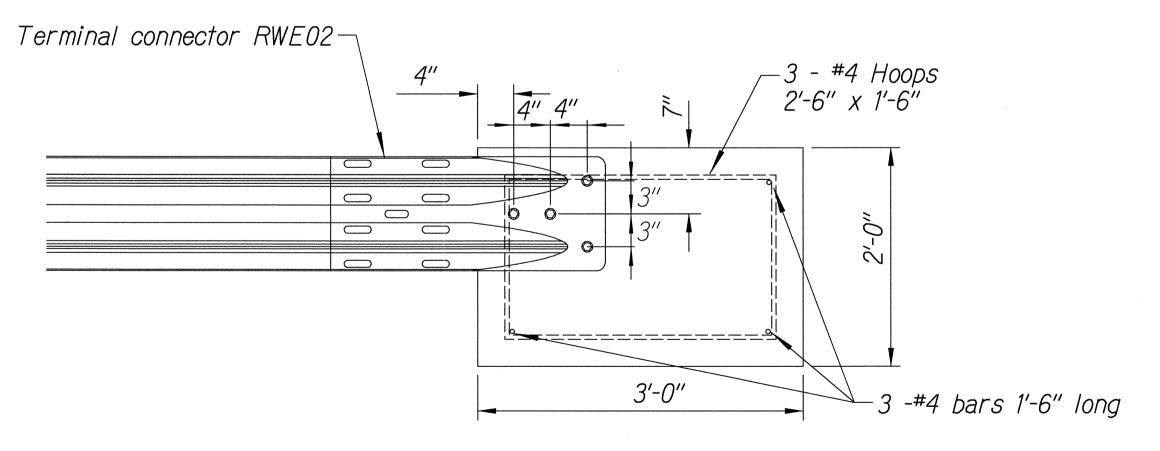
FISCAL SHEET TOTAL YEAR NO. SHEETS FED. ROAD DIST. NO. FEDERAL AID PROJ. NO. 2006 22 HAWAII HAWAII ER-14(1)

Note:

All fasteners, posts, blocks and rail elements shall conform to the latest edition and amendments of "A Guide to Standardized Highway Barrier Rail Hardware," a report prepared and approved by the AASHTO-AGCARTBA Joint Cooperative Committee.



Plan



Elevation

CONCRETE BLOCK ANCHOR $(2' \ X \ 2' \ X \ 3')$

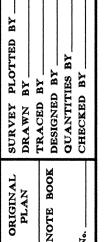
BACKSLOPE ANCHOR TERMINAL END ANCHORAGE DETAILS (TYPE "A" FLARE)

STATE OF HAWAII **DEPARTMENT OF TRANSPORTATION** HIGHWAYS DIVISION

TYPE "A" FLARE

<u>Kuhio Highway Emergency Repairs</u> <u>Vicinity of MP 21.7 (Wailapa Stream)</u> FEDERAL AID PROJECT NO. ER-14(1) Scale: NTS Date: April 2006

SHEET No. *C16* OF 17 SHEETS



WITH RUBRAIL

