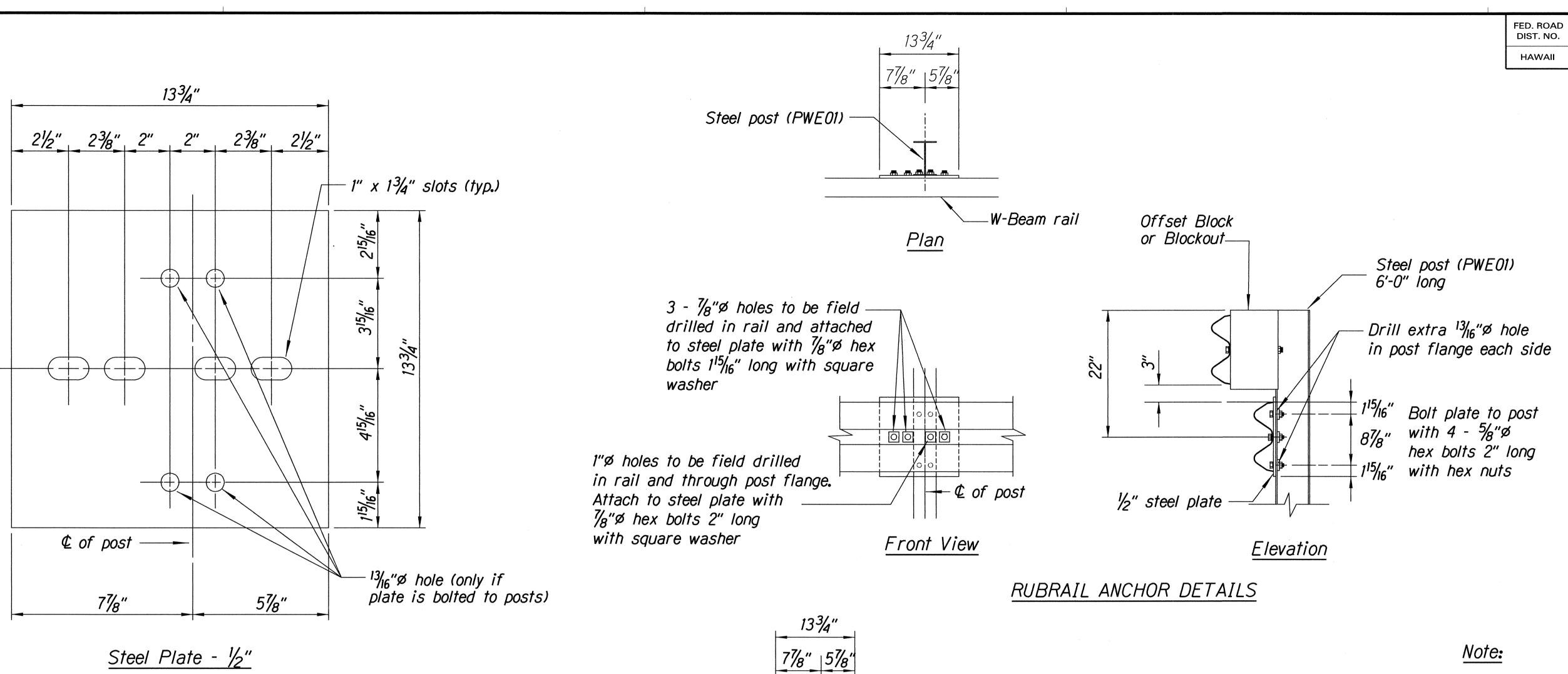


ORIGINAL SURVEY PLOTTED PLAN DRAWN BY TRACED BY DESIGNED BY QUANTITIES BY CHECKED BY CHECKED BY



(Hot-dip Zinc Coated Galvanized

Welded or Bolted to Post)

Square Washer (¾6" Thick - Hot-dip Zinc Coated Galvanized)

−1"ø hole

#### Drill extra 13/16"\$ hole Steel post (PWE01) in post flange each side 6'-0" long – Bolt plate to post with 4 - 5/8"\$ hex bolts 2" long with hex nuts

1"ø holes to be field drilled in rail and through post flange. Attach to steel plate with %"ø hex bolts 2" long with square washer

washer

Steel post (PWE01) -

3 - 7/8"ø holes to be field

drilled in rail and attached

to steel plate with 7/8"\$ hex bolts 115/16" long with square

Front View

← ¢ of post

-W-Beam rail

<u>Plan</u>

Elevation

POST ANCHOR DETAILS

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

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.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

alony Tomba

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

TYPE "A" FLARE

FISCAL YEAR

1999

PROJ. NO.

NH-083-1(41)

SHEET TOTAL NO. SHEETS

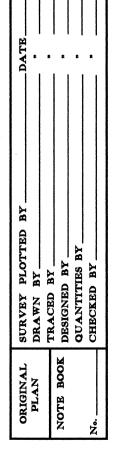
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KAMEHAMEHA HIGHWAY RESURFACING Kaneohe Bay Drive to Kahiko Street F. A. Project No. NH-083-1(41)

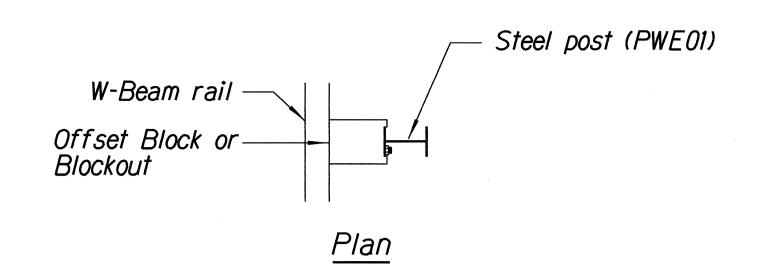
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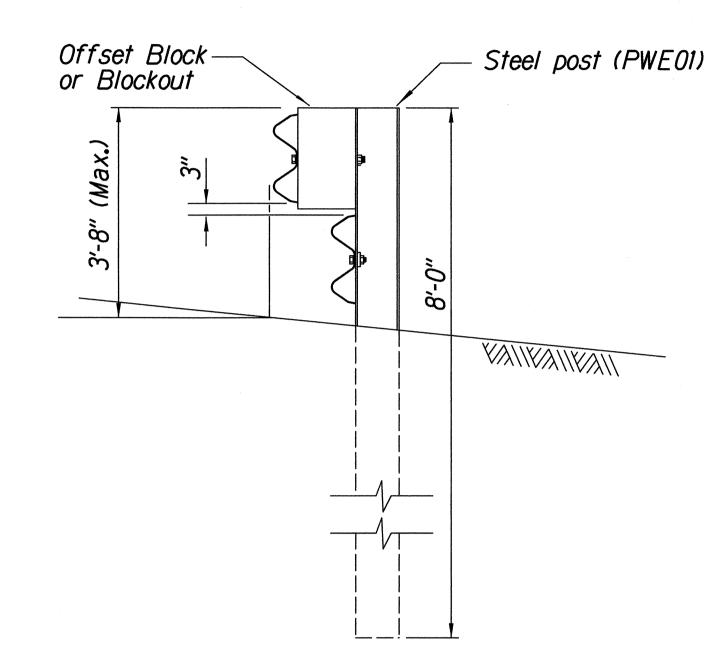
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SHEET No. 2 OF SHEETS



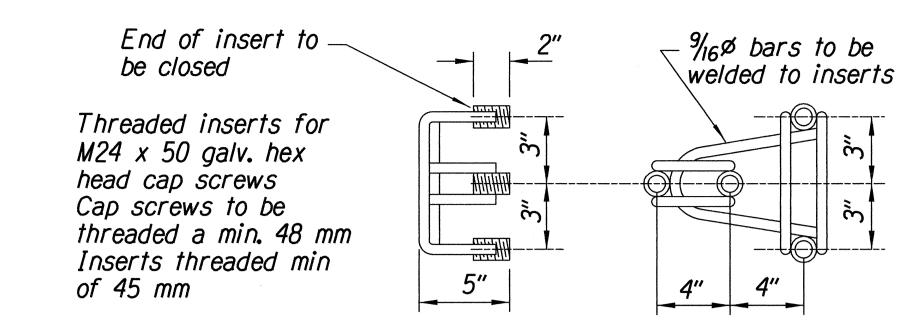
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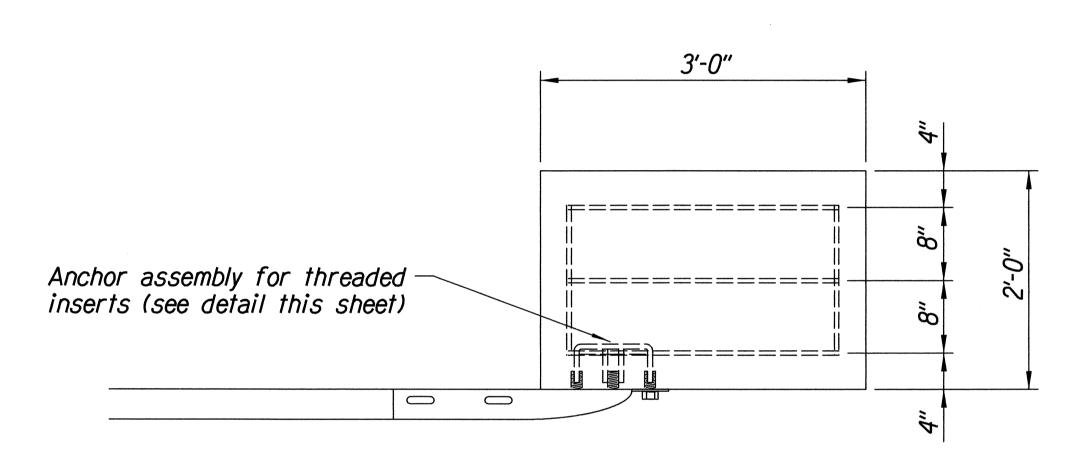


STEEL POST GUARDRAIL
WITH RUBRAIL

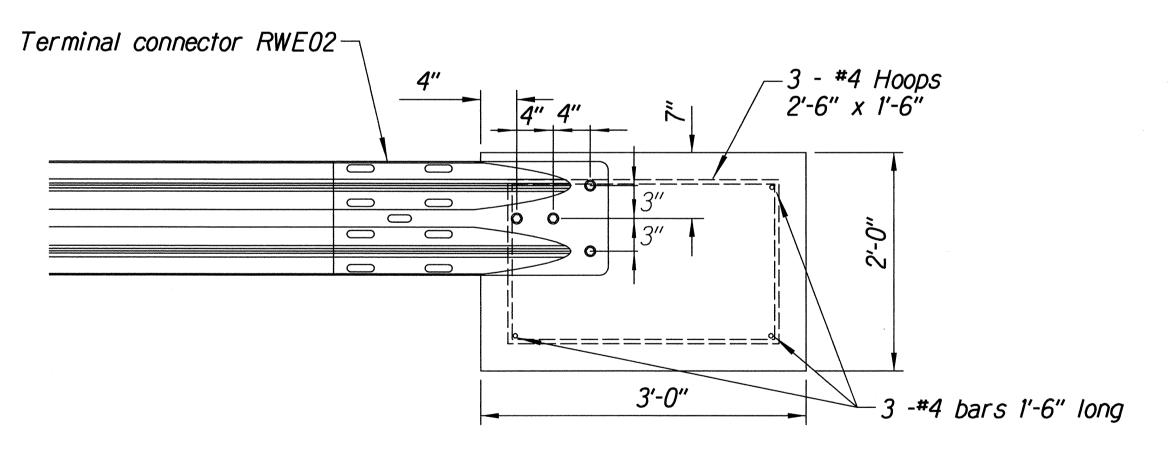
Elevation



## ANCHOR ASSEMBLY CONCRETE BLOCK ANCHOR



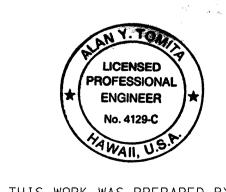
Plan



#### Elevation

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

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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Clany Sonita

### STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

TYPE "A" FLARE

KAMEHAMEHA HIGHWAY RESURFACING
Kaneohe Bay Drive to Kahiko Street
F. A. Project No. NH-083-1(41)

Scale: NTS

FED. ROAD DIST. NO.

All fasteners, posts, blocks and rail

elements shall conform to the latest

Standardized Highway Barrier Rail

approved by the AASHTO-AGCARTBA

Hardware," a report prepared and

Joint Cooperative Committee.

edition and amendments of "A Guide to

Note:

SHEET TOTAL NO. SHEETS

36

FISCAL YEAR

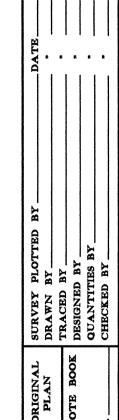
1999

PROJ. NO.

NH-083-1(41)

Date: May, 1999

SHEET No. 3 OF 3 SHEETS



36