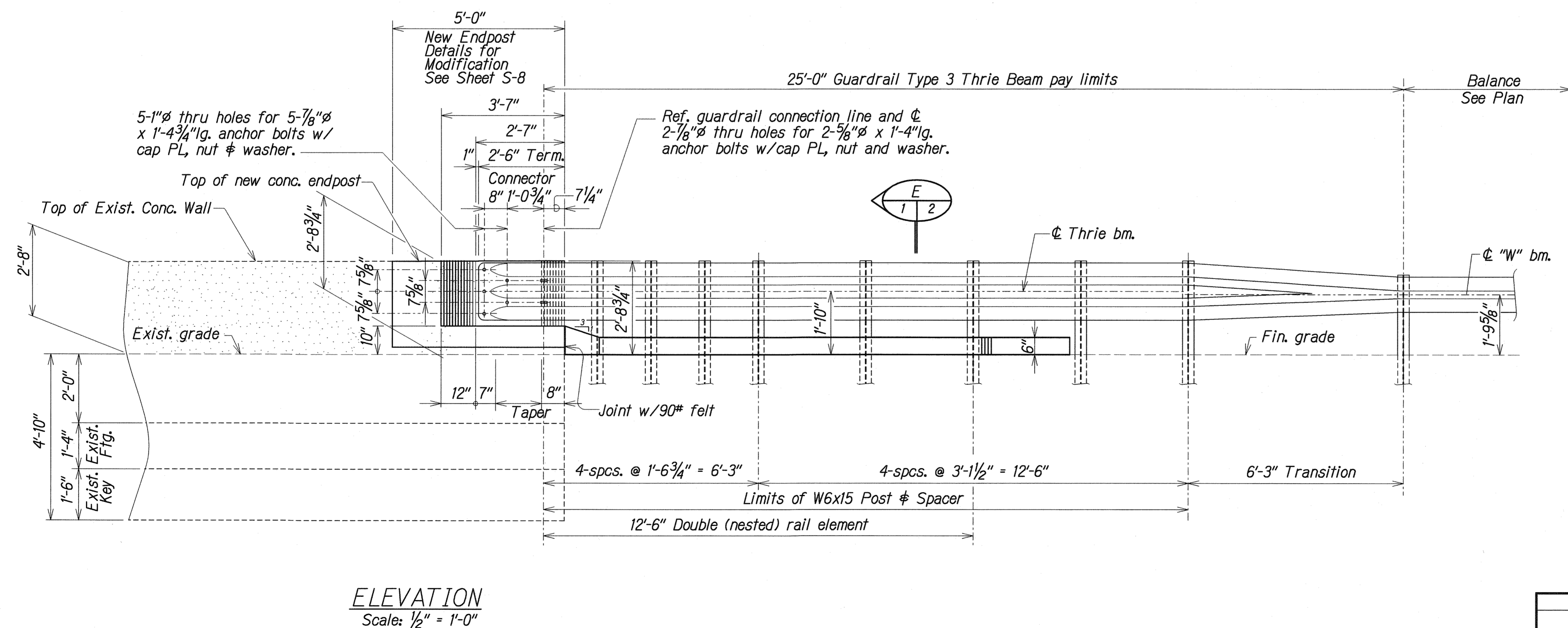
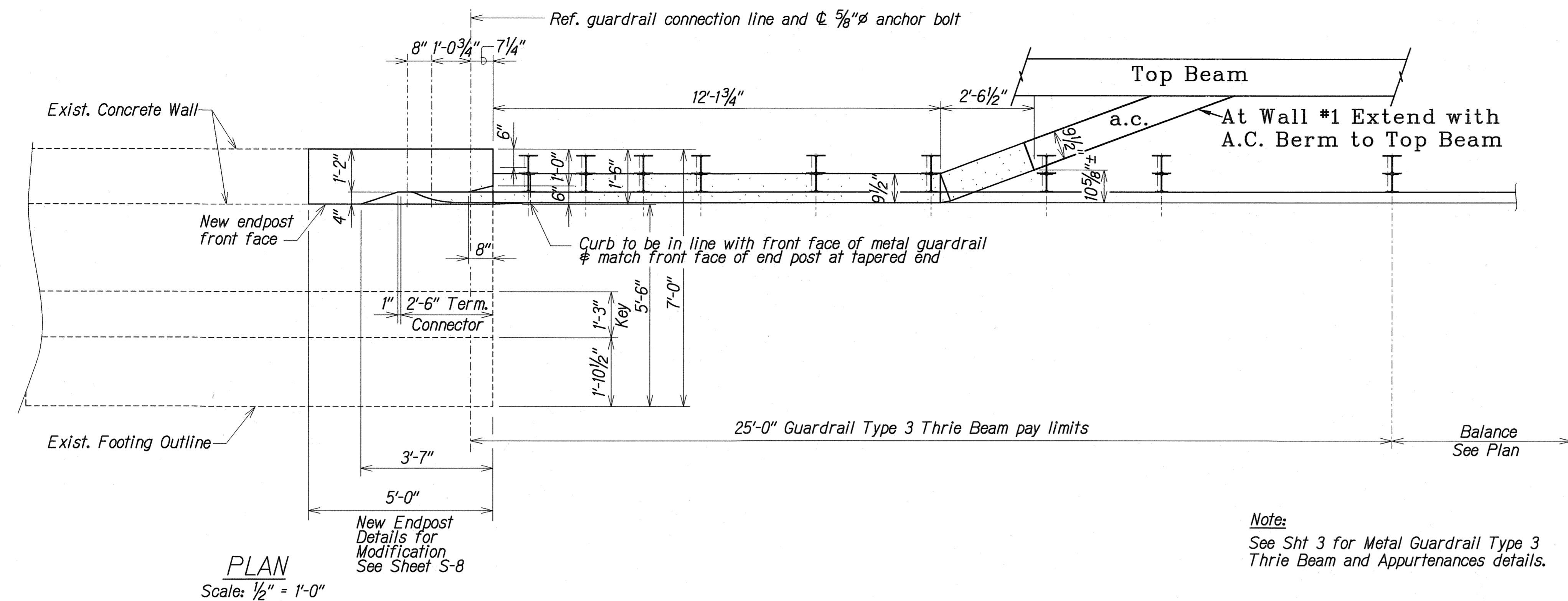



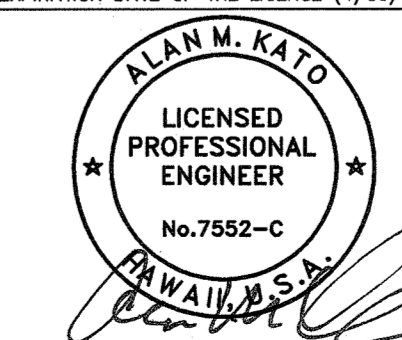
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAW.	580A-01-02	2005	15	25



CONCRETE WALL AND TYPE 3 THRIE BEAM CONNECTION

<u>LEGEND FOR</u> <u>AS-BUILT POSTINGS</u>	
	Squiggly line for as-built deletion
100-00	Double line for as-built deletion
Roadway	Text for as-built posting

EXPIRATION DATE OF THE LICENSE (4/30/1
--



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONCRETE WALL AND TYPE 3 THRIE BEAM CONNECTION

KUAMOO ROAD RETAINING WALL
IN THE VICINITY OF M.P. 11
PROJECT NO. 580A-01-02

SCALE: NOT TO SCALE DATE: SEPT 2005

SHEET No. 1 OF 3 SHEETS


"AS-BUILT"

15

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

endpost type=

$\frac{1}{2}'' = 1'-0''$



2 0 2

SCALE IN FEET

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	580A-01-02	2005	16	25

GENERAL NOTES

MATERIALS:

- A. Reinforced Concrete: Class A (f'_c = 4,000 psi min. at 28-days)
B. Reinforced Steel: ASTM A 615, Grade 60
C. Admixture in Concrete: See Special Provisions
D. All expansion and premolded joint filler shall be incidental to concrete and will not be paid for separately.
E. All structural steel shall be ASTM A 36, hot-dip galvanized after fabrication.
F. All anchor bolts, nuts and washers shall be ASTM A 325, hot-dip galvanized after fabrication, unless noted otherwise.
G. All welding shall be in accordance with the current edition of Reinforcing Steel Welding Code AWS D 1.4.

CONSTRUCTION REQUIREMENTS:

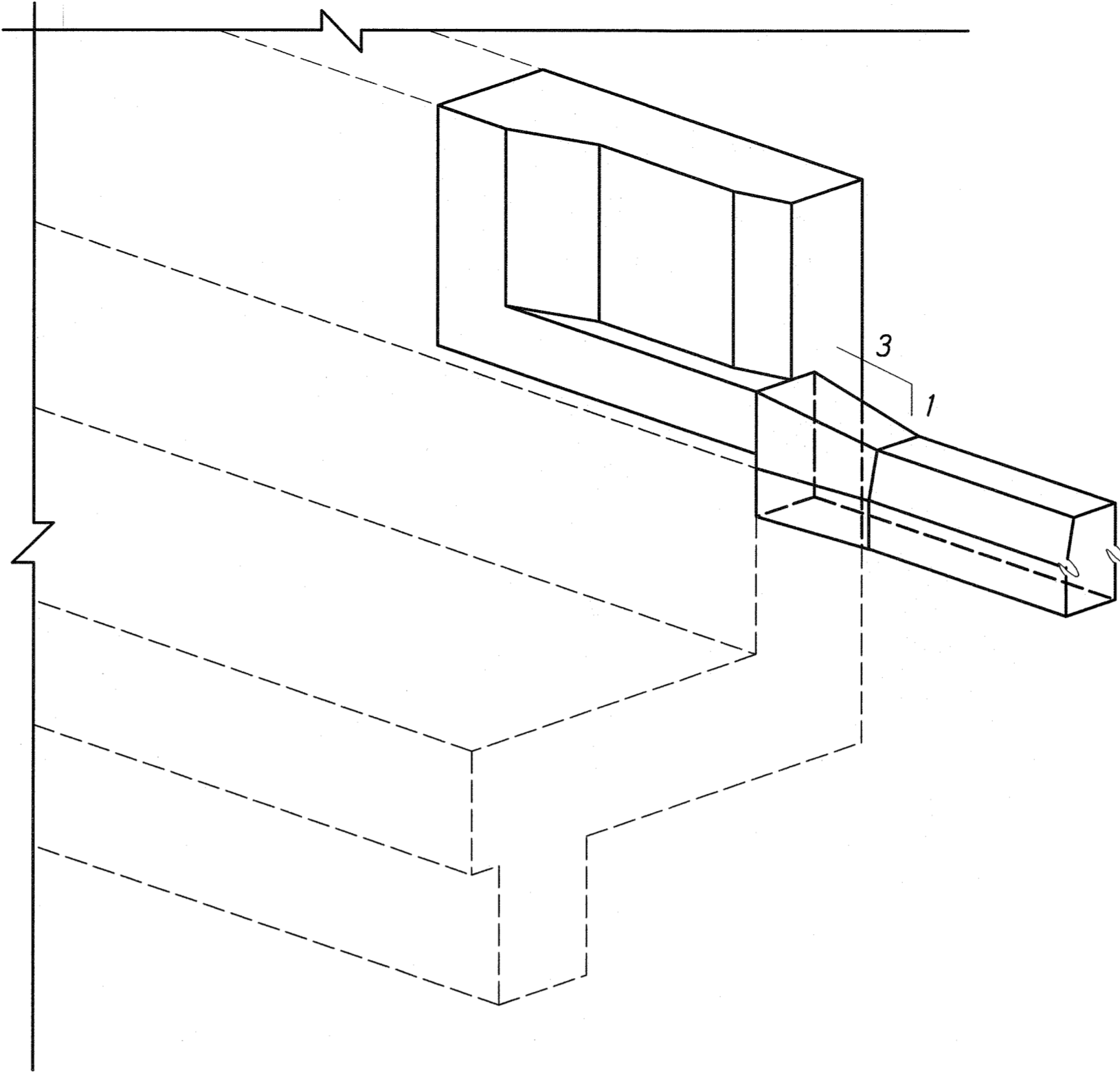
- A. Refer to Hawaii Standard Specifications for Road, Bridge and Public Works Construction, (Hawaii 1994 edition and Special Provisions).
B. Except as noted otherwise, all vertical dimensions are measured plumb.
C. For steel reinforcing, stagger all splices where possible.
D. Steel reinforcing shall be supported, bent and placed as per the ACI Detailing Manual, 1994.
E. For cast-in-place concrete, minimum reinforcement cover: Concrete cast against earth: 3"
F. At time concrete is placed, reinforcing shall be free from mud, oil latance or other coatings adversely affecting bond capacity.

REFERENCE:

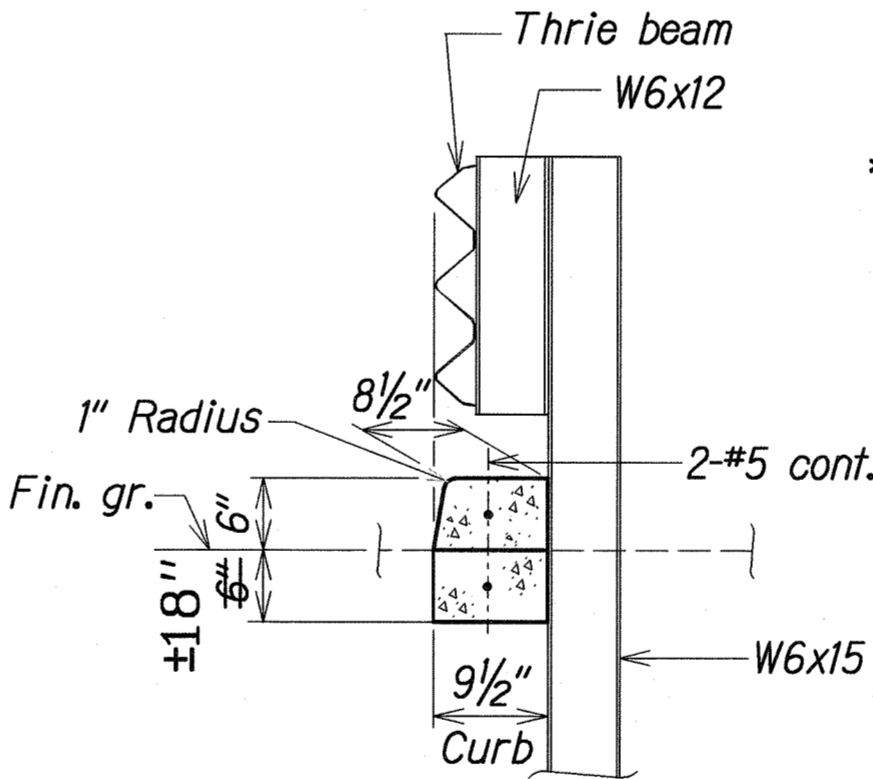
- A. Refer to Standard Plans for additional details and notes not covered by details and typical drawings.

GENERAL:

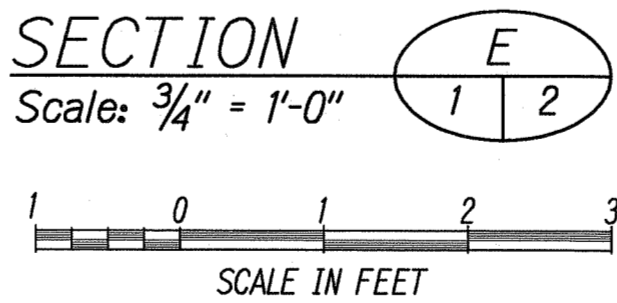
Unless noted otherwise, chamfer all exposed concrete edges three-quarters ($\frac{3}{4}$) of an inch.



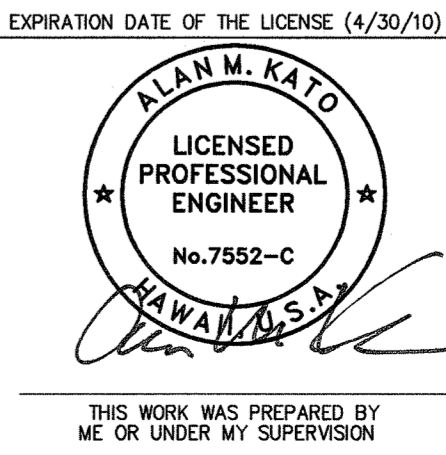
PARTIAL ISOMETRIC VIEW
ENDPOST
Not to Scale



*NOTE:
Curb Constructed
Prior to Base
Course Placement.



LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION CONCRETE WALL AND TYPE 3 THRIE BEAM CONNECTION KUAMOO ROAD RETAINING WALL IN THE VICINITY OF M.P. 11 PROJECT NO. 580A-01-02 SCALE: As Noted DATE: SEPT 2005 SHEET No. 2 OF 3 SHEETS	
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"AS-BUILT"

