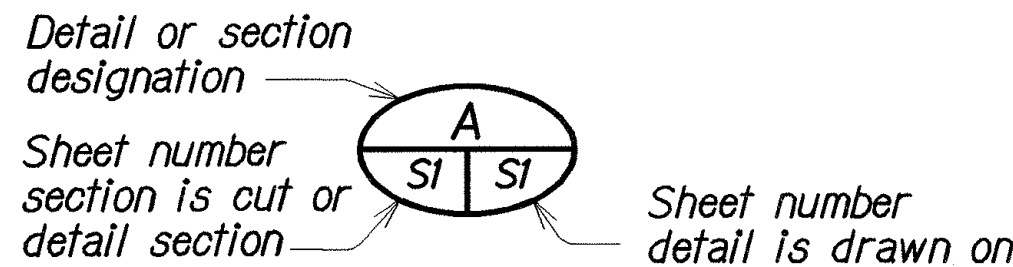


INDEX TO DRAWINGS	
SHEET	DESCRIPTION
Q1	Index, Abbreviations, Symbols and Bridge General Notes
Q2	Halawa Interchange Structure No. 3, North and East Abutment - Existing Partial Layout Plans
Q3	Halawa Interchange Structure No. 3 - Existing & Demolition End Post Nos. 1 & 2 Details
Q4	Halawa Interchange Structure No. 3, End Post Nos. 1 & 2 Upgrade - Plan & Elevation
Q5	End Post Upgrade Details - Sections
Q6	Halawa Interchange Structure No. 15 - Existing Partial Layout Plans
Q7	Halawa Interchange Structure No. 15 - Existing & Demolition End Post Nos. 1 & 2 Details
Q8	Halawa Interchange Structure No. 15, End Post Nos. 1 & 2 Upgrade - Plan & Elevation
Q9	End Post Upgrade Details - Typical Sections and Partial Isometric View
Q10	End Post Upgrade Details - Metal Guardrail Type 3 Thrie Beam and Appurtenances Details

ABBREVIATIONS

AB	Anchor Bolt	FF	Front Face	P.C.	Point of Curb
Abut.	Abutment	Fin.	Finish	PL	Plate
		Fig.	Footing	P.T.	Point of Tangent
℄	Baseline				
Bm., bm.	Beam	Galv.	Galvanized	Rdwy., rdwy.	Roadway
Brg.	Bearing	Gr., gr.	Grade	Ref.	Reference
				Req'd	Required
℄	Center line	Lg., lg.	Long		
Cl., Clr., cl.	Clear			Sta.	Station
Conc.	Concrete	Max.	Maximum		
Cont.	Continuous	Min., min.	Minimum	T&B	Top and Bottom
				Typ.	Typical
Dia., ø	Diameter	No.	North	w/	with
			Number		
ea.	Each				
EF	Each Face	a.c.	On Center		
Eq.	Equal				
Exist.	Existing				

SYMBOLS



BRIDGE GENERAL NOTES

GENERAL SPECIFICATIONS:

General Specifications: Hawaii Department of Transportation, Hawaii Standard Specification for Road, Bridge and Public Works Construction, 2005, together with Special Provisions prepared for this contract.

DESIGN SPECIFICATIONS:

(A) AASHTO 2007 LRFD Bridge Design Specifications (Fourth Edition) and its subsequent interim specifications with interim supplements and modifications by the HDOT Highway Division.

(B) "Design Criteria for Bridges and Structures" dated April 15, 2008.

LOADS:

(A) Railing Test Level: TL-4

MATERIALS:

(A) All concrete strengths shall have a 28-day compressive strength of 4,000 psi unless otherwise noted. All concrete shall have a maximum W/C Ratio of 0.45.

(B) The use of any calcium chloride in any concrete is prohibited.

(C) All reinforcing steel shall be ASTM A615 Grade 60 unless otherwise noted.

(D) Reinforcing steel shall be ASTM A706 where welded connections are required.

MATERIALS (Cont.):

(E) All structural steel shall be ASTM A992 hot dip galvanized after fabrication, unless otherwise noted.

(F) All anchor bolts, washers and nuts shall be AASHTO M164 hot dip galvanized after fabrication, unless otherwise specified.

(G) Hollow Structural Steel Shapes shall conform to ASTM A500, Grade B.

(H) All welding shall conform to the latest ANSI / AASHTO / AWS D1.5 Bridge Welding Code. All welds shall be ground smooth. Unless noted

(I) Epoxy shall conform to ASTM C881 Grade III, Class C, Type IV.

REINFORCEMENT:

(A) The covering measured from the surface of the concrete to the face of any reinforcing bars shall be as follows, except as otherwise shown:

(1) Concrete cast against and permanently exposed to earth = 3"

(2) All others unless otherwise noted = 2"

(B) Reinforcing bars shall be detailed in accordance with the latest edition of the AASHTO LRFD bridge design specifications unless otherwise noted.

(C) Minimum clear spacing between parallel bars shall be 1½ times the diameter of bars (for non bundled bars). In no case shall the clear distance between the bars be less than 1½ times the maximum size of the coarse aggregate or 1½".

(D) All dimensions relating to reinforcing bars are to centers of bars unless otherwise noted.

(E) Reinforcing bars shall be securely tied at all intersections and lap splices except where the spacing of intersections is less than one foot in each direction, in which case alternate intersections shall be tied.

CONSTRUCTION NOTES:

(A) The Contractor shall verify all dimensions and site conditions and shall report any discrepancies in writing to the Engineer before commencing work or ordering materials.

(B) The Contractor shall verify all site condition and not rely upon these plans for existing, dimensions, elevations and azimuths, stream channel location, roads, roadway gutters, curbs and sidewalks, etc.. Conditions may differ from those shown.

(C) The Contractor shall be solely responsible for the protection of adjacent properties, utilities and existing and new structures from damage due to construction. Repairing any damage shall be at the Contractor's own expense, to the satisfaction of the Engineer.

(D) The Contractor shall verify the location of all utility lines and notify the respective owners before commencing with excavation, and any temporary piling or sheeting.

(E) Except as otherwise noted, all vertical dimensions are measured plumb.

(F) For concrete finish see Standard Specifications and Special Provisions.

(G) Construction joints may be relocated or additional ones added subject to the approval of the Engineer.

(H) Unless otherwise noted, all exposed concrete edges shall be chamfered ¾" x ¾".

(I) The Contractor shall verify the location and size of all existing reinforcing bars prior to drilling.

(J) Drilled holes in existing concrete for reinforcing steel dowels shall not be left unfilled for more than 8 hours. Epoxy in drilled holes shall be able to develop the full strength of the dowels prior to pouring concrete around reinforcing steel dowels. Follow all manufacturer's recommendations for dowel and epoxy.

(K) Contractor shall unplug, clean and maintain existing drains during construction of the project. This work shall be incidental to the various Contract items.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-IEF-01-06MR	2009	31	40

CONSTRUCTION NOTES (Cont.):

(L) Location of drilled holes shown in plans are approximate. Prior to placing holes in concrete, the Contractor shall locate all reinforcing steel, anchor bolts, thru bolts holes, etc. and adjust the location of the drilled holes to clear of them. Final hole locations are subject to the approval of the Engineer.

(M) Bolts and nuts for guardrail connections shall bear flush against concrete surfaces. Wedge washers shall be used as required.

(N) When only portions of concrete are to be demolished. The intersections between the demolished concrete and the concrete that is to remain shall have a ¾ inch deep sawcut around the entire perimeter of the demolished area.

(O) At the time concrete is placed, reinforcing shall be free from mud, oil, laitance or other coatings adversely affecting bond capacity.

(P) The concrete surfaces which new concrete is poured against shall be roughened to a full amplitude of ¼ of an inch and cleaned.

(Q) All existing reinforcing shall remain in place and shall not be damaged in any way unless otherwise noted.

(R) All existing reinforcing that is to remain in place shall have a minimum concrete cover of 2".

(S) The Contractor shall restore the bridge name inscribed in railing when it is obstructed or removed. This work shall be considered incidental to the cost of the end posts.

(T) New concrete surfaces shall match the finish of the existing structure any reveals, patterns, or decorative features shall also match the existing structure.

GENERAL:

(A) All items noted incidental will not be paid for separately.

(B) Standard Plans refer to all structures in general, except for modifications as may be required for special conditions. For such modifications refer to the corresponding detailed drawings.

(C) Plans of the existing bridges are available for review from the Highways Design Branch located at the State Department of Transportation, Highways Division Kakuhihewa Building, Room 609, 601 Kamokila Boulevard, Kapolei, HI 96707 (phone number 692-7586).

(D) Temporarily relocate highway lighting conduit, pullboxes, etc. obstructing construction as needed. This work shall be considered incidental to the various contract items.

DESIGNED BY	XXX	DATE	XXX/XX/XX
CHECKED BY	XXX		
QUANTITIES BY	XXX		
NOTED BY	XXX		
ORIGINAL PLAN	XXX		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

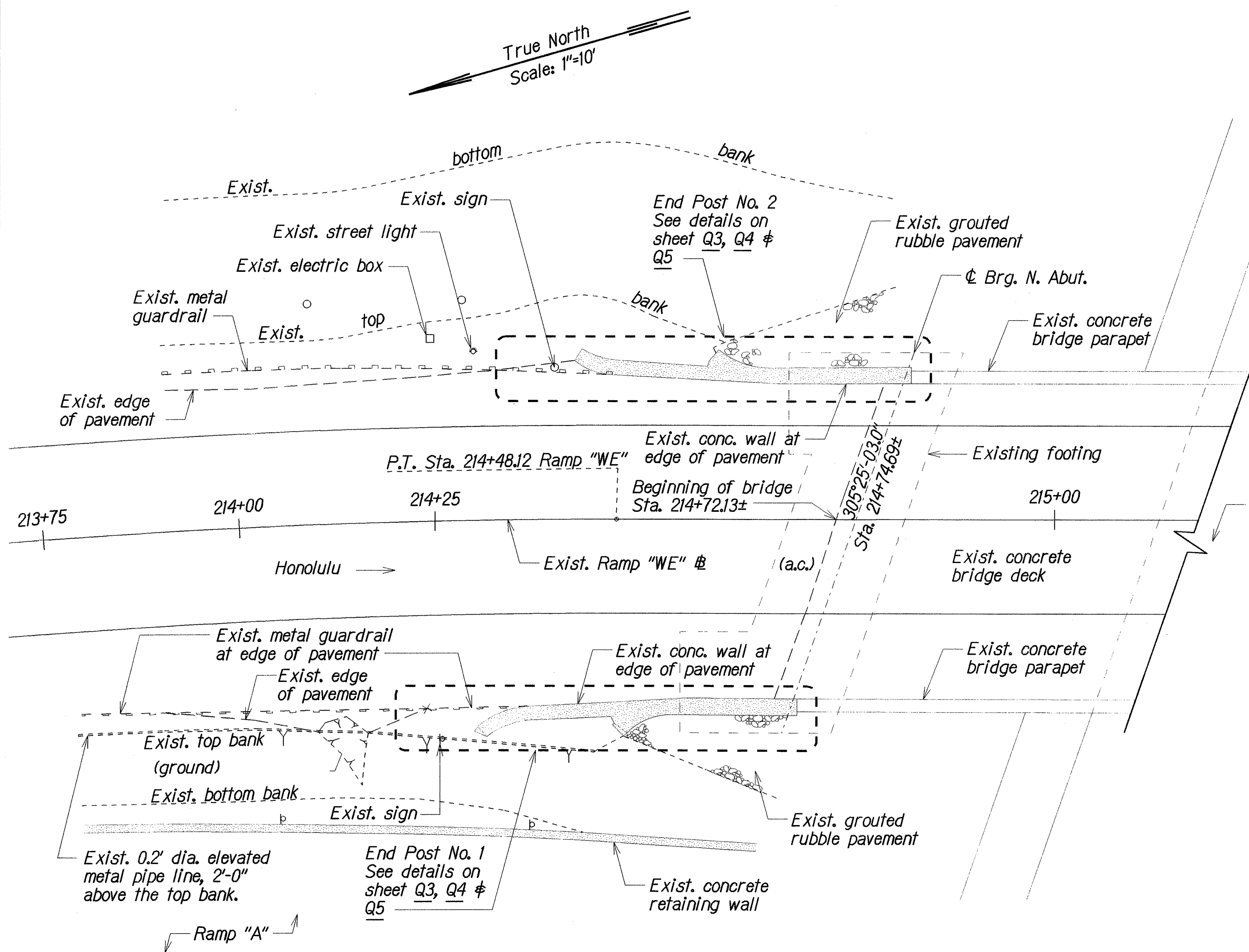
**INDEX, ABBREVIATIONS, SYMBOLS
and BRIDGE GENERAL NOTES**

INTERSTATE ROUTE H-1 PAVEMENT RESURFACING
Kaimakani Street to Salt Lake Viaduct
Project No. H-IEF-01-06MR

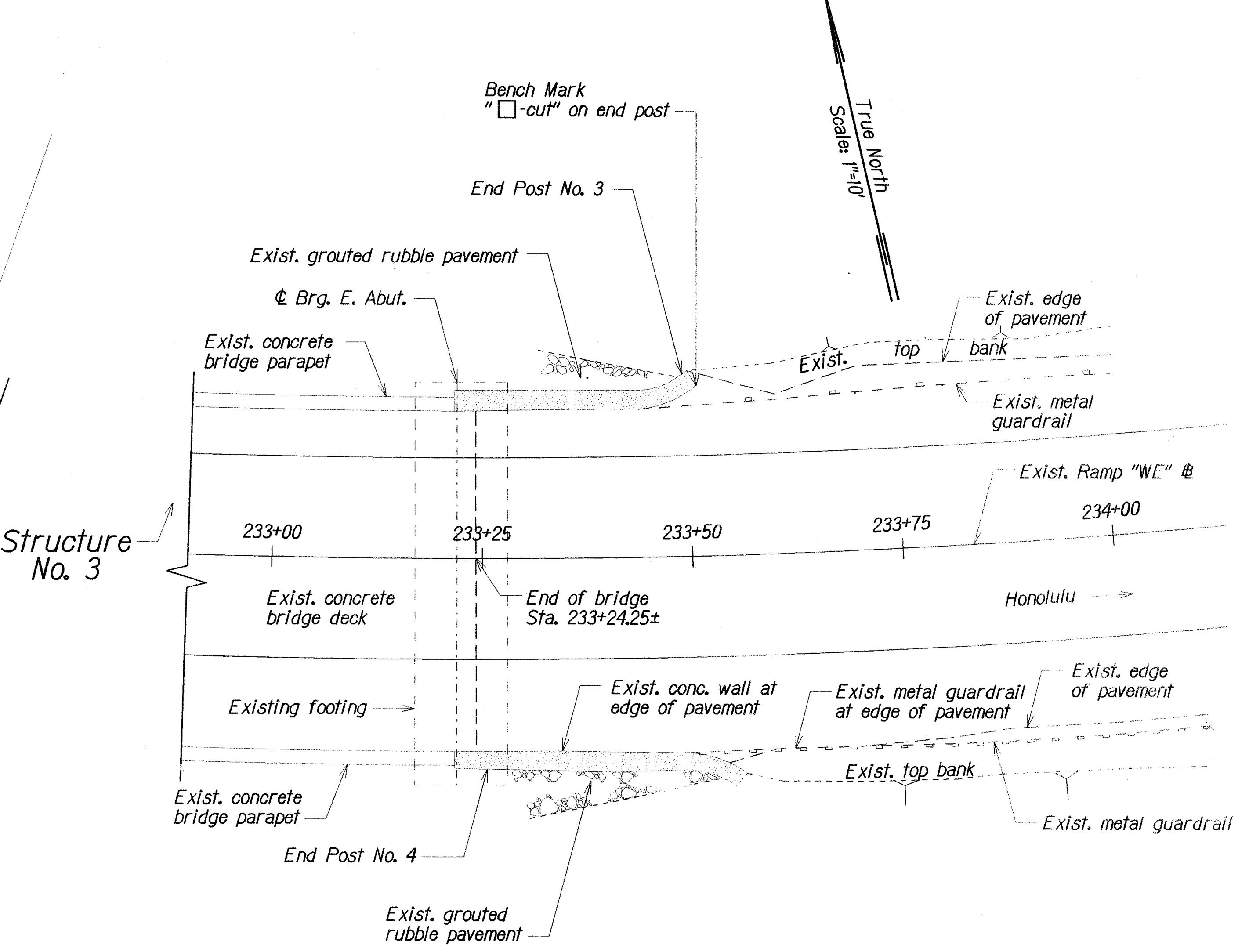
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SHEET No. **Q1** OF **10** SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-1EF-01-06MR	2009	32	40



EXIST. PARTIAL PLAN - NORTH ABUTMENT



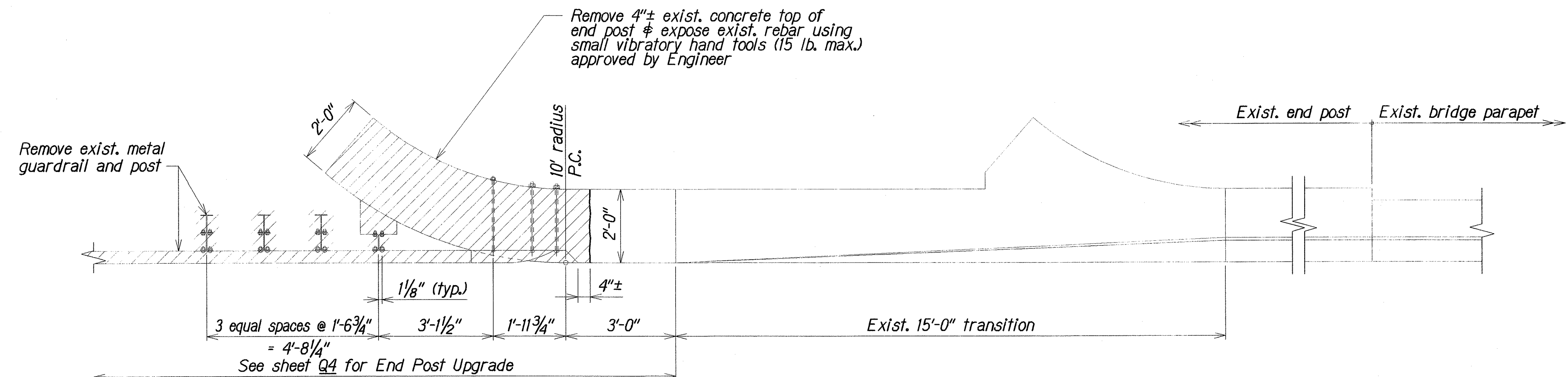
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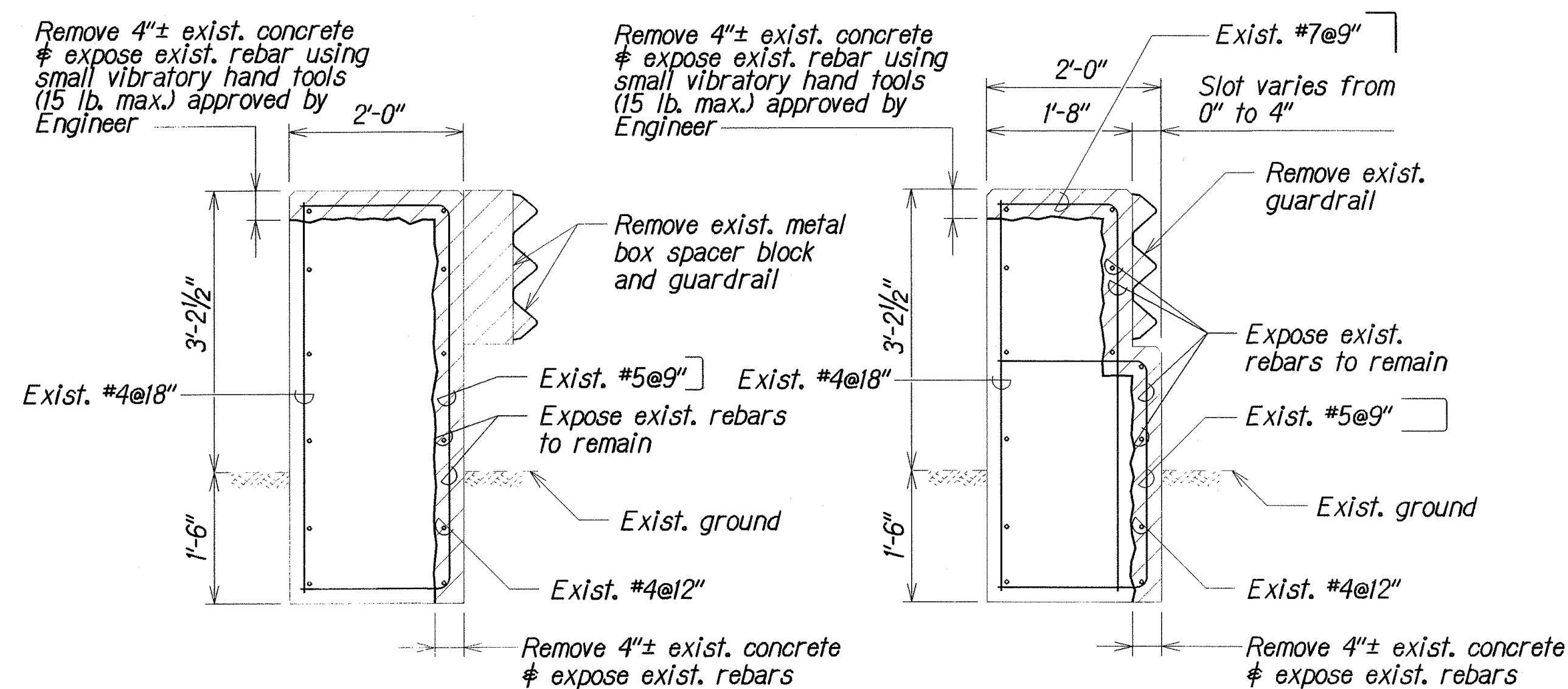
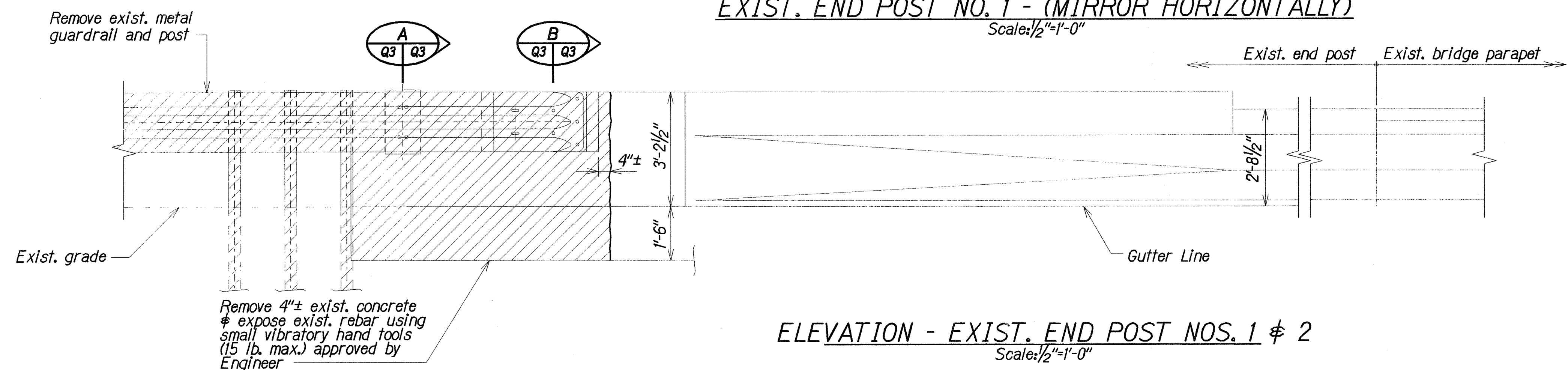
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DRAWN BY	XXX 1991
DESIGNED BY	XXX 1991
QUANTITIES BY	XXX 1991
CHECKED BY	XXX 1991

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HALAWA INTERCHANGE STRUCTURE NO. 3
NORTH AND EAST ABUTMENT
EXISTING PARTIAL LAYOUT PLANS
INTERSTATE ROUTE H-1 PAVEMENT RESURFACING
Kaimakani Street to Salt Lake Viaduct
Project No. H-1EF-01-06MR
Scale: As Noted Date: August, 2008
SHEET No. 02 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-IEF-01-06MR	2009	33	40



Note:
All existing reinforcing steel shall remain in place and shall not be damaged in anyway unless otherwise noted.



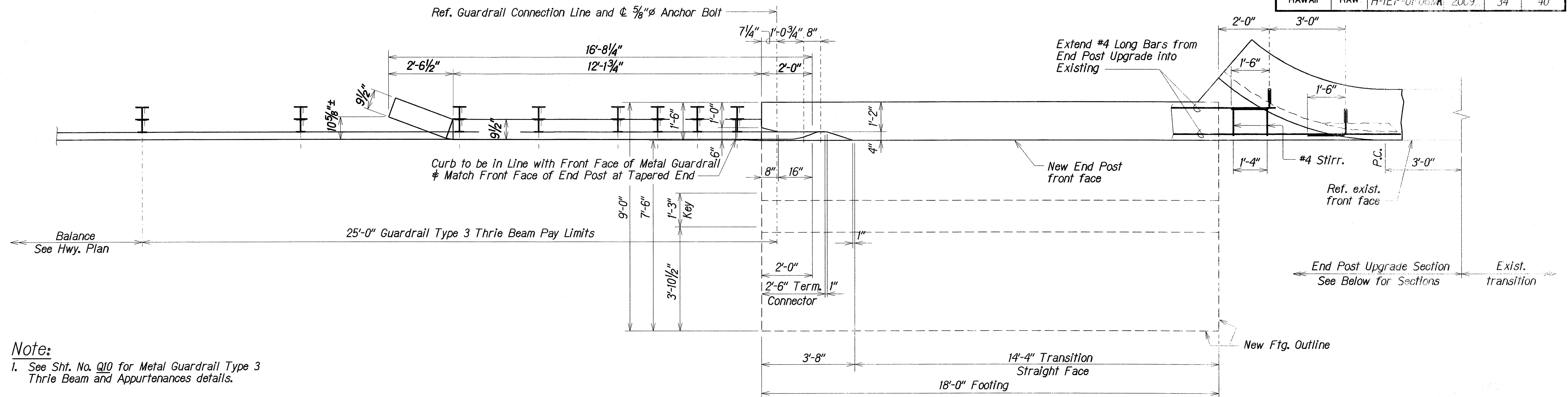
EXIST. & DEMOLITION END POST NOS. 1 & 2 DETAILS
HALAWA INTERCHANGE STRUCTURE NO. 3
Scale: 3/4"=1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HALAWA INTERCHANGE STRUCTURE NO. 3
EXISTING & DEMOLITION
END POST NOS. 1 & 2 DETAILS
INTERSTATE ROUTE H-1 PAVEMENT RESURFACING
Kaimakani Street to Salt Lake Viaduct
Project No. H-IEF-01-06MR

Scale: As Noted Date: August, 2008

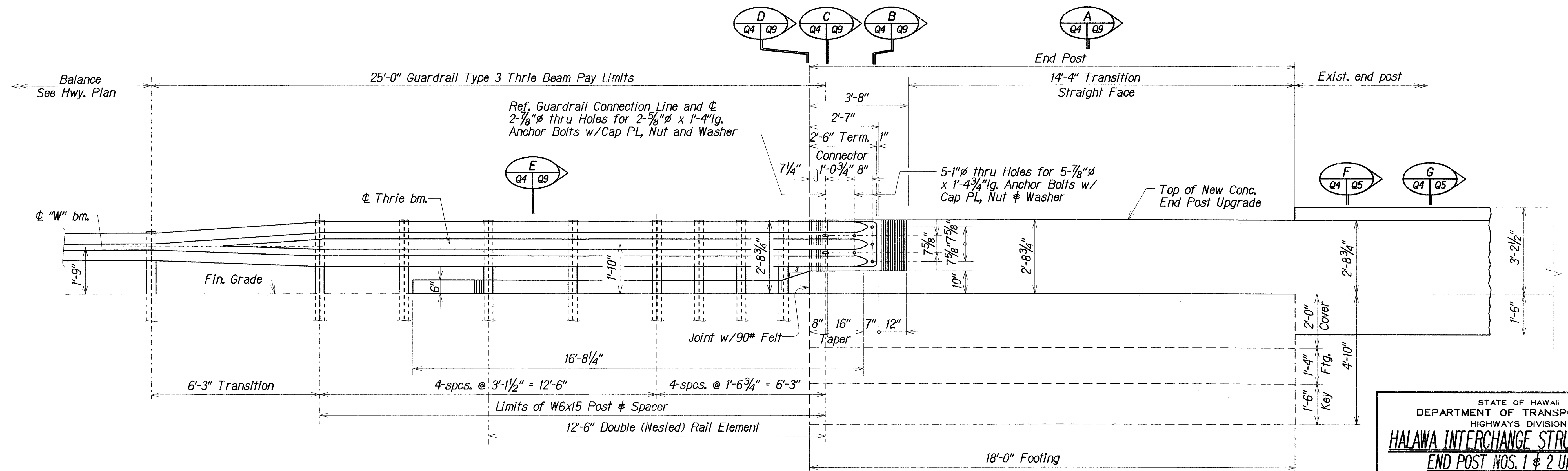
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	H-1EF-01-06MR	2009	34	40



Note:
1. See Sht. No. Q10 for Metal Guardrail Type 3 Thrie Beam and Appurtenances details.

PLAN
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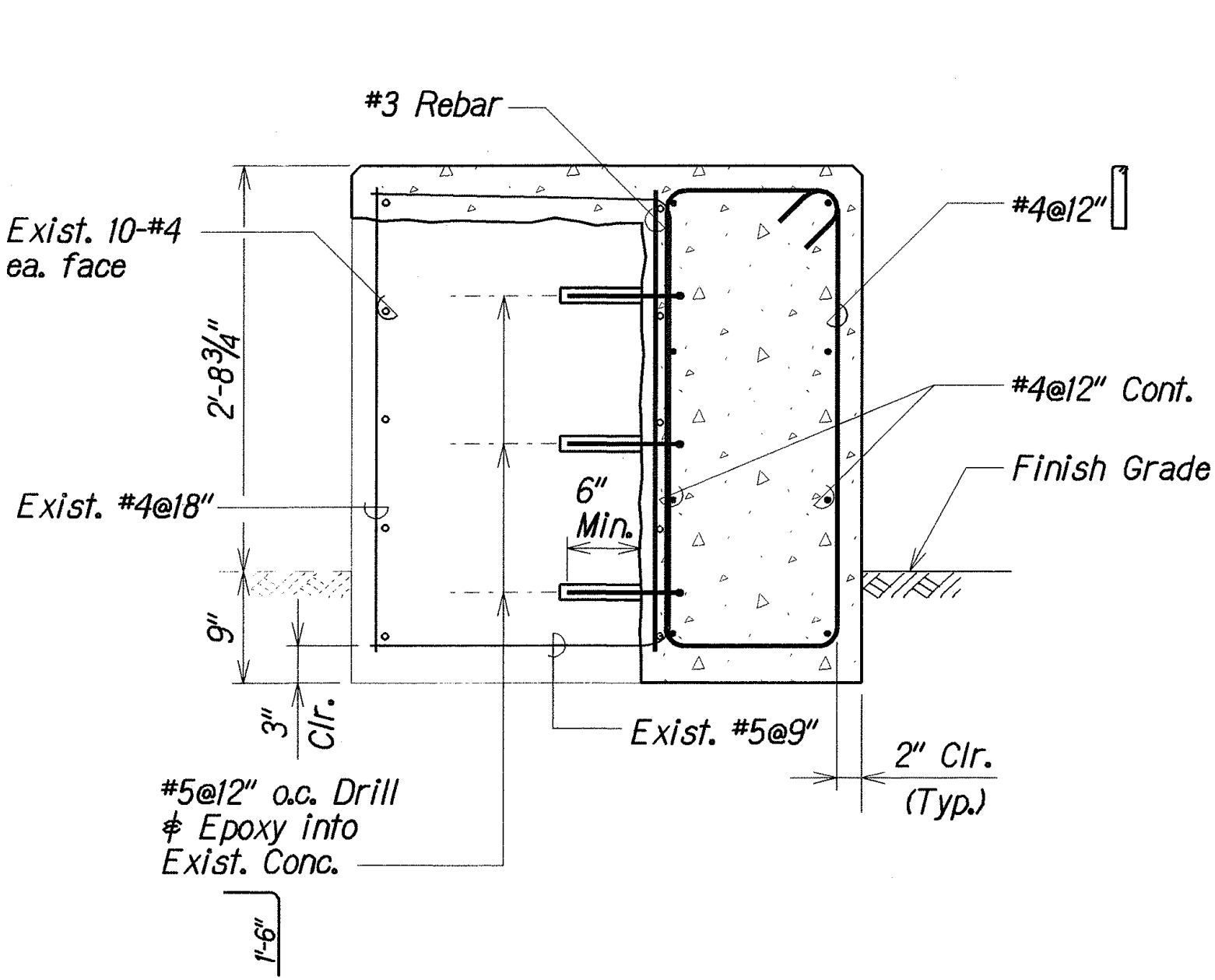


ELEVATION
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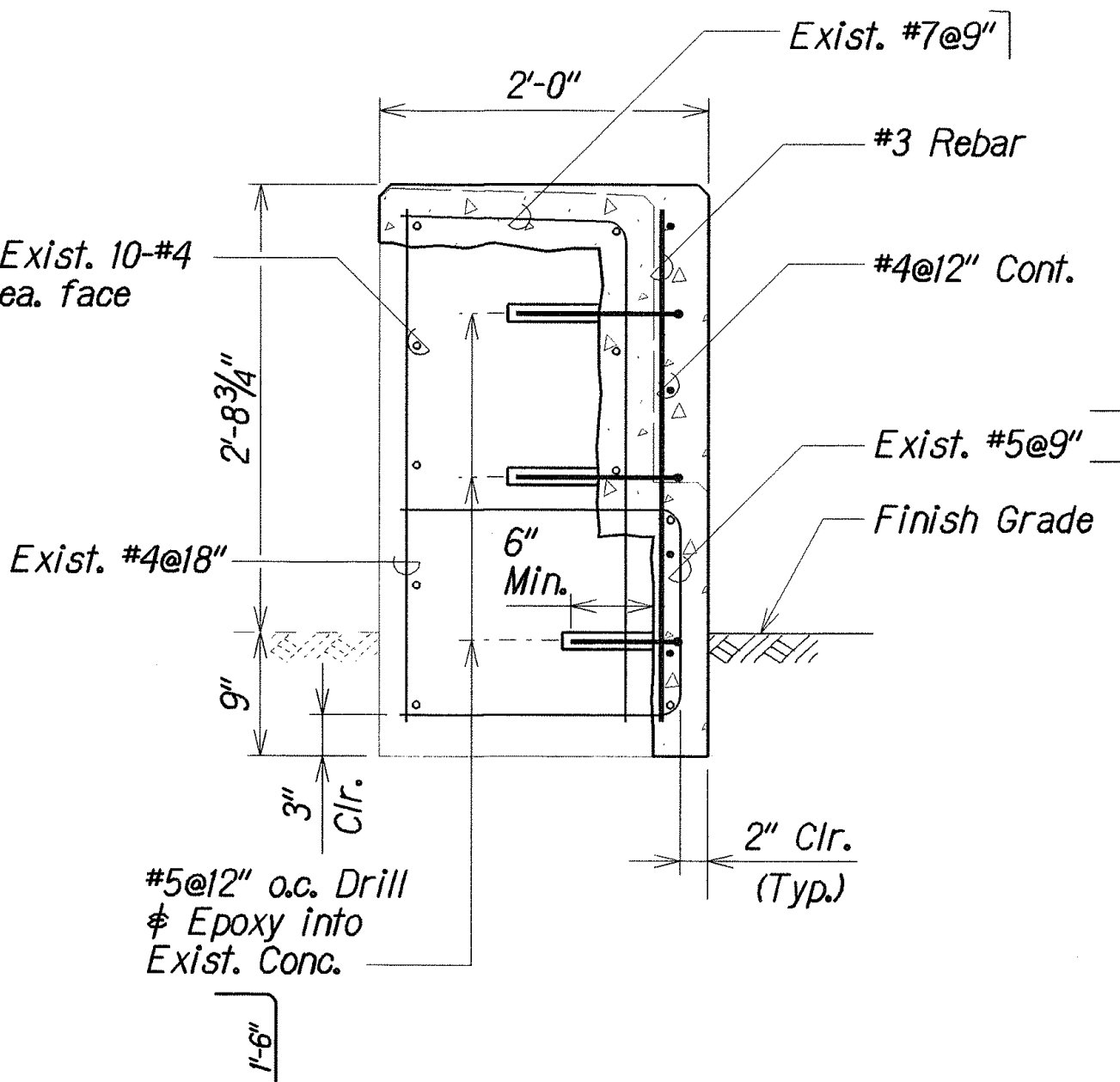
END POST NOS. 1 & 2 UPGRADE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HALAWA INTERCHANGE STRUCTURE NO. 3
END POST NOS. 1 & 2 UPGRADE
PLAN & ELEVATION
INTERSTATE ROUTE H-1 PAVEMENT RESURFACING
Kaimakani Street to Salt Lake Viaduct
Project No. H-1EF-01-06MR
Scale: As Noted Date: August, 2008
SHEET No. Q4 OF 10 SHEETS

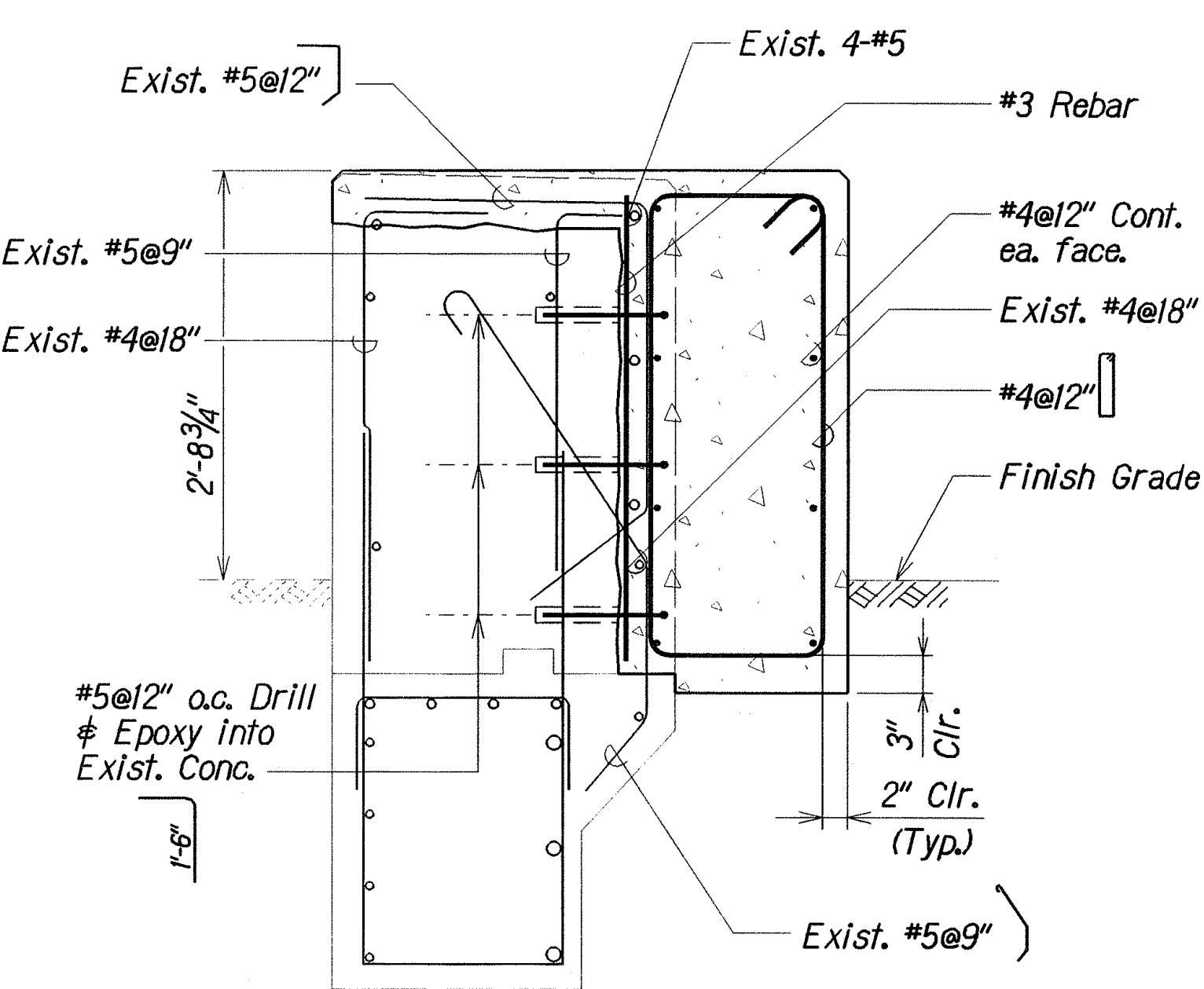
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HAWAII	HAW.	H-1EF-01-06MR	2009	35	40



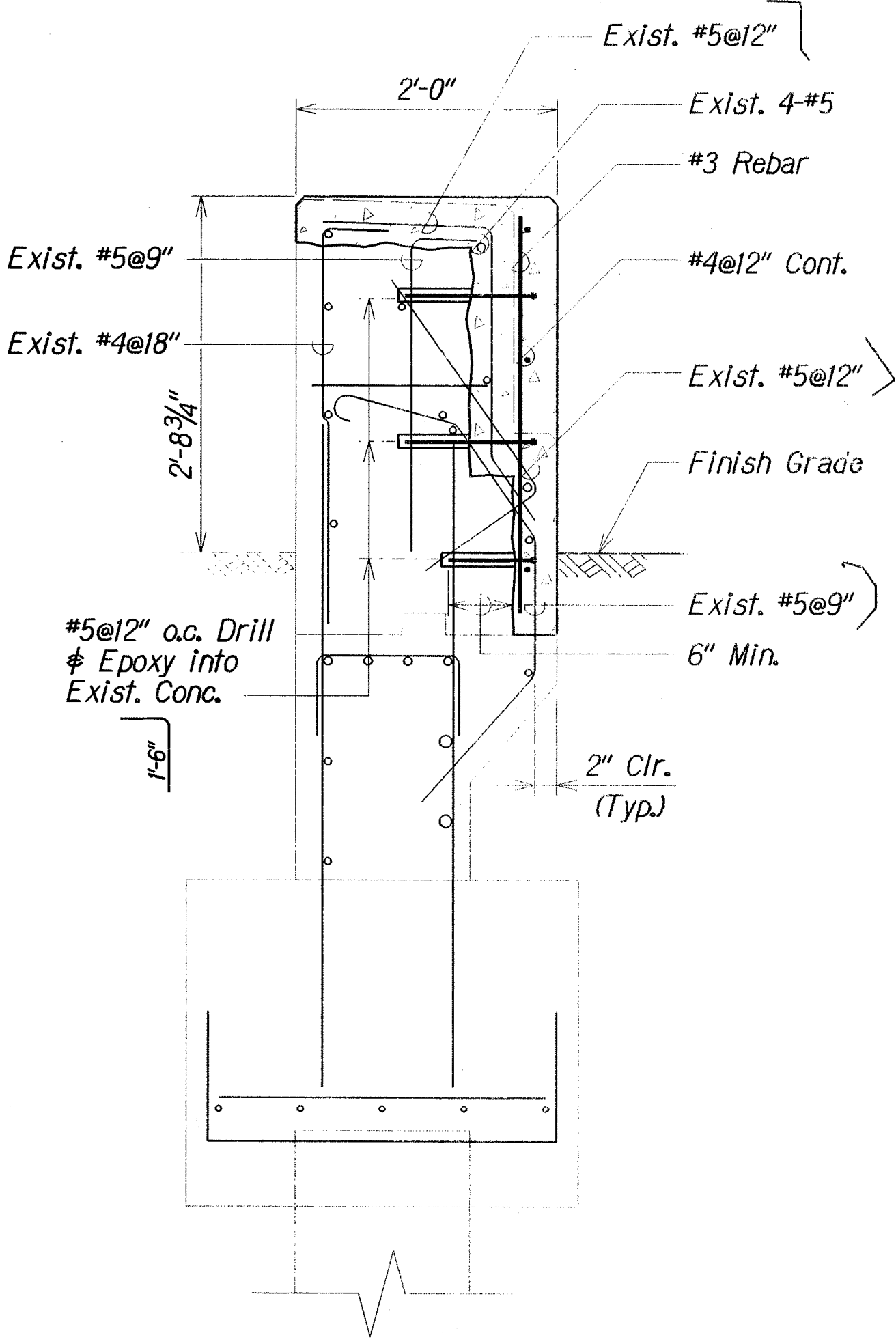
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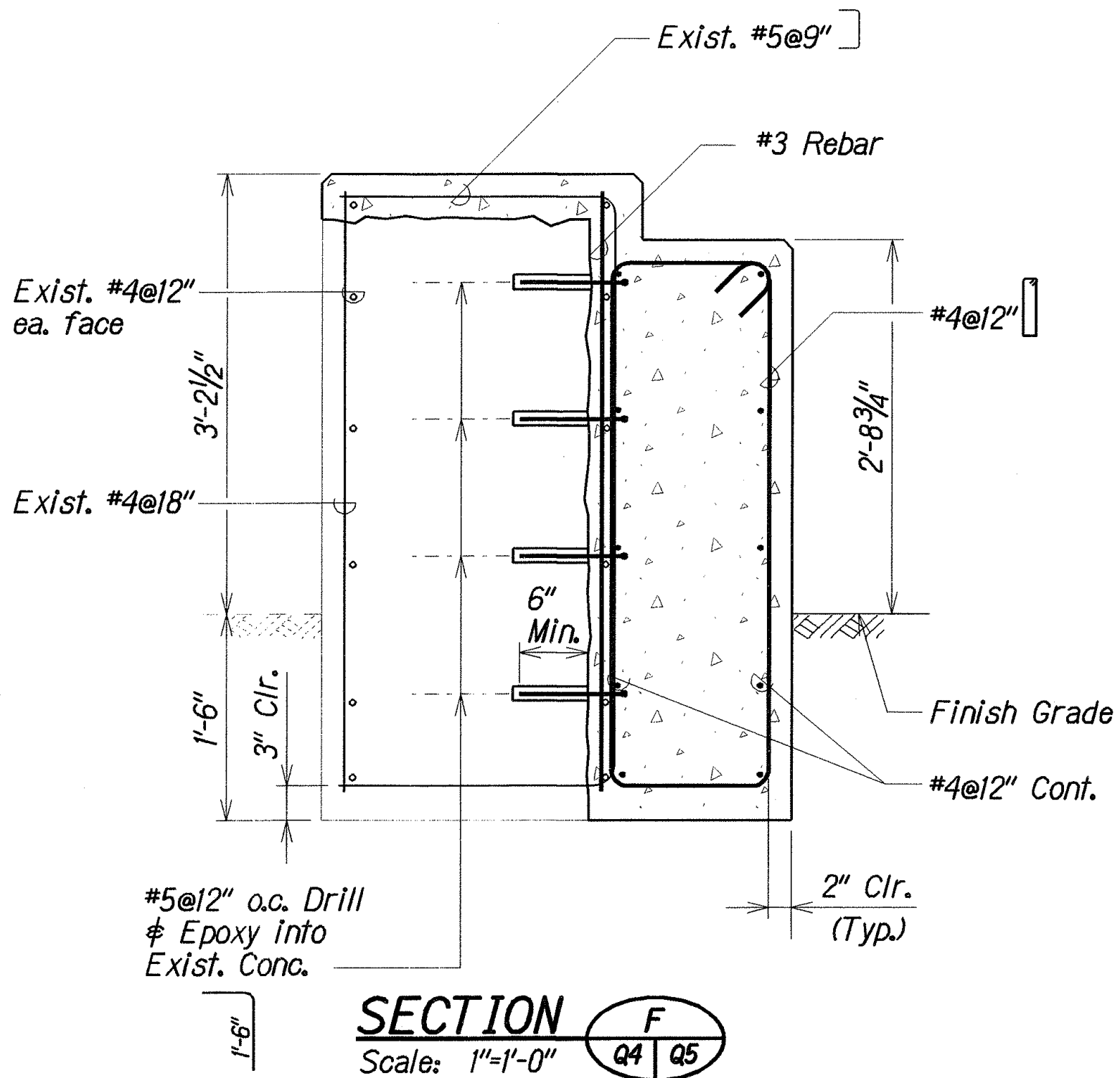
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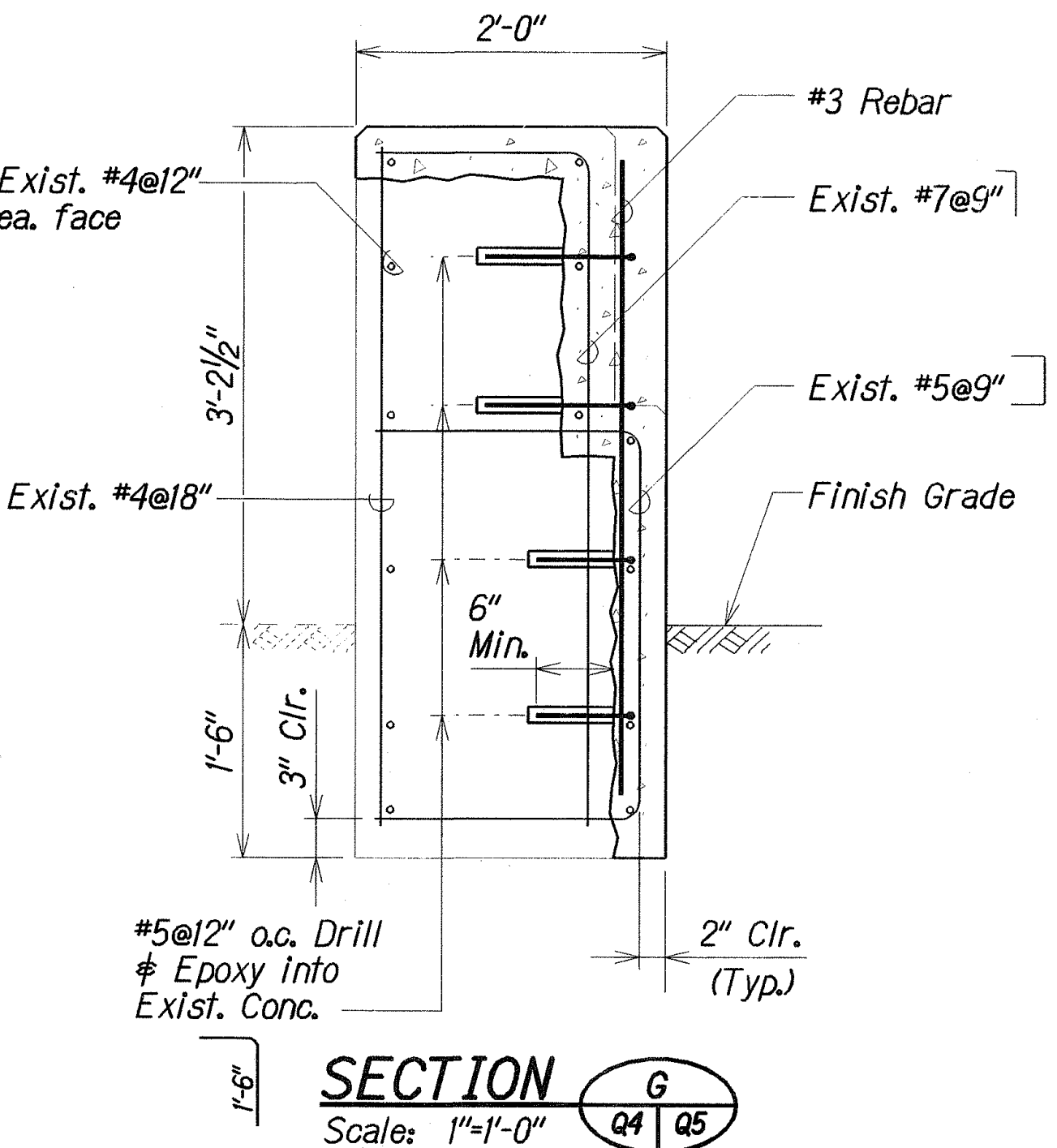
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Scale: 1"=1'-0" Q8 Q5



SECTION **K**
Scale: 1"=1'-0" Q8 Q5



SECTION **F**
Scale: 1"=1'-0" Q4 Q5



SECTION **G**
Scale: 1"=1'-0" Q4 Q5

STRUCTURAL NO. 3

STRUCTURAL NO. 15

TYPICAL SECTIONS - END POST UPGRADE DETAILS

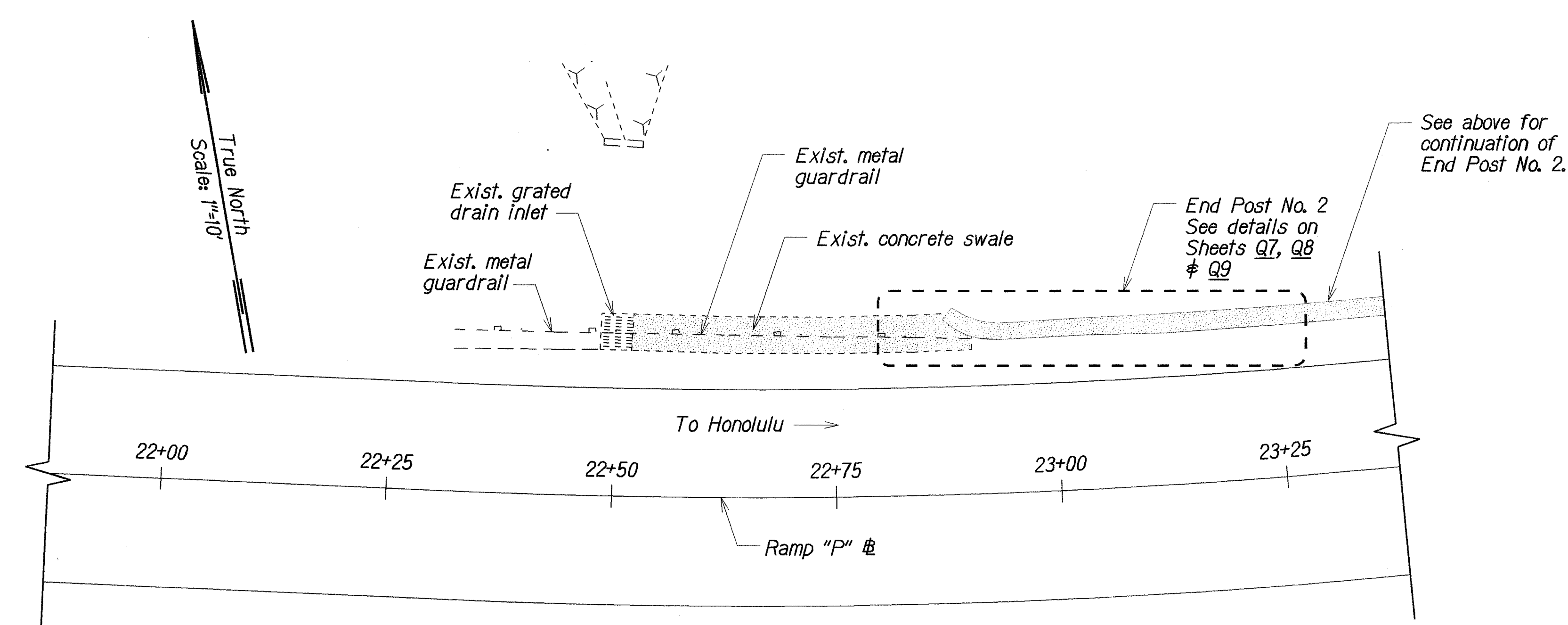
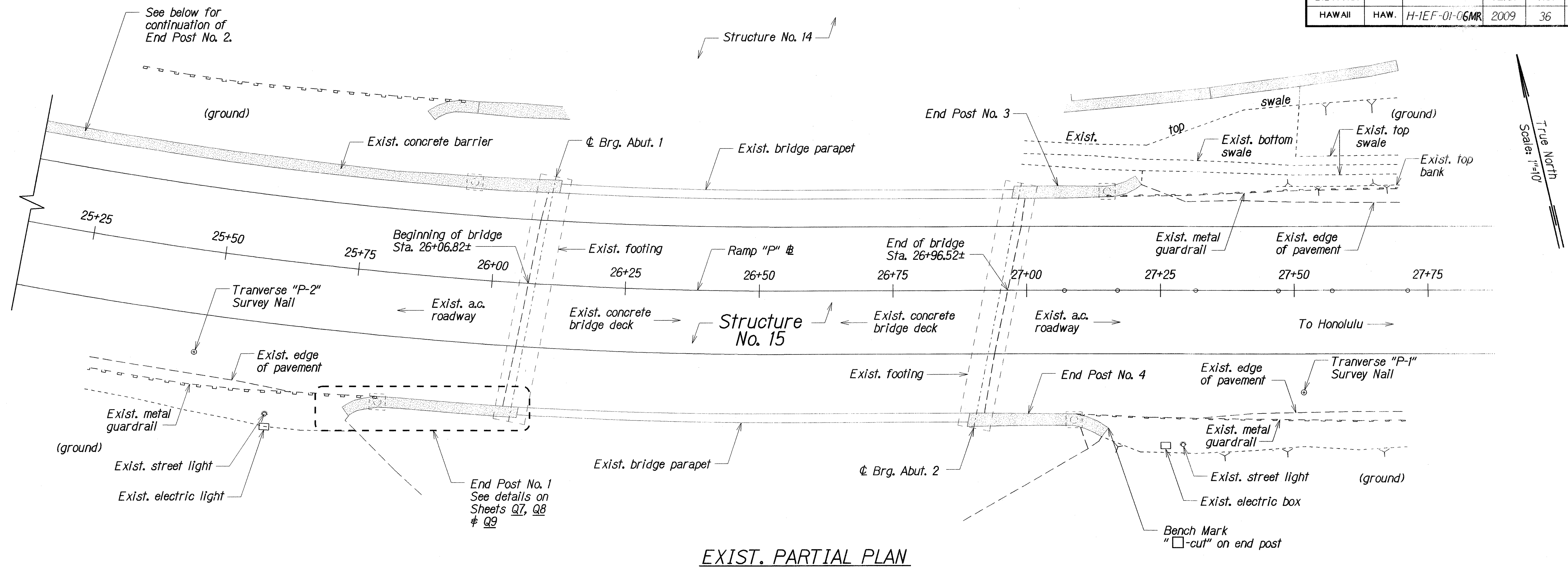
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DRAWN BY	XXX
DESIGNED BY	XXX
QUANTITIES BY	XXX
CHECKED BY	XXX
ORIGINAL PLAN	
NOTE BOOK	
N. XXXXXX	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

END POST UPGRADE DETAILS
SECTIONS
INTERSTATE ROUTE H-1 PAVEMENT RESURFACING
Kaimakani Street to Salt Lake Viaduct
Project No. H-1EF-01-06MR

Scale: As Noted Date: August, 2008

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-IEF-01-06MR	2009	36	40



EXIST. PARTIAL PLAN

HALAWA INTERCHANGE STRUCTURE NO. 15 Scale: 1"=10'-0"

ORIGINAL PLAN	DATE
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DRAWN BY	XXX 1991
TRACED BY	XXX 1991
DESIGNED BY	XXX 1991
CHECKED BY	XXX 1991
NOTE BOOK	XXX 1991
NO.	XXX 1991

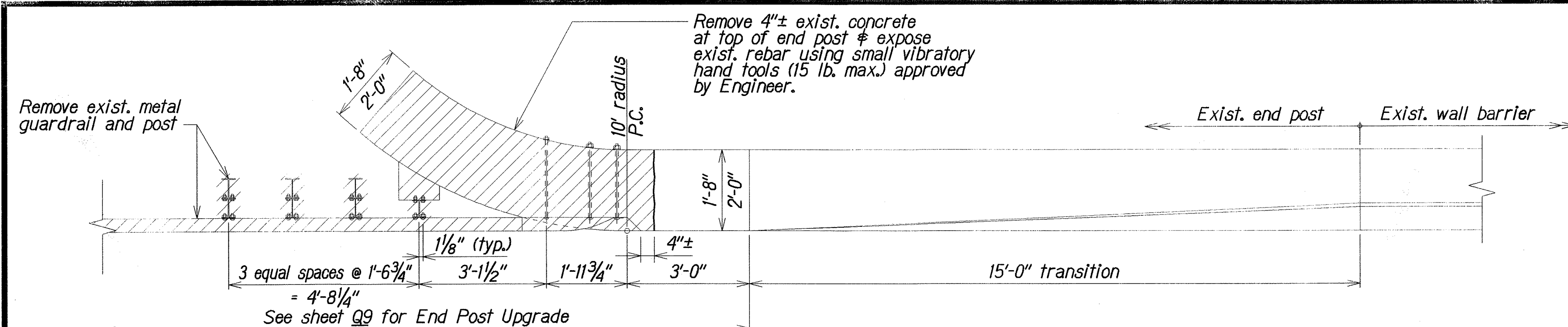
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HALAWA INTERCHANGE STRUCTURE NO. 15
EXISTING PARTIAL LAYOUT PLANS
INTERSTATE ROUTE H-1 PAVEMENT RESURFACING
Kaimakani Street to Salt Lake Viaduct
Project No. H-IEF-01-06MR

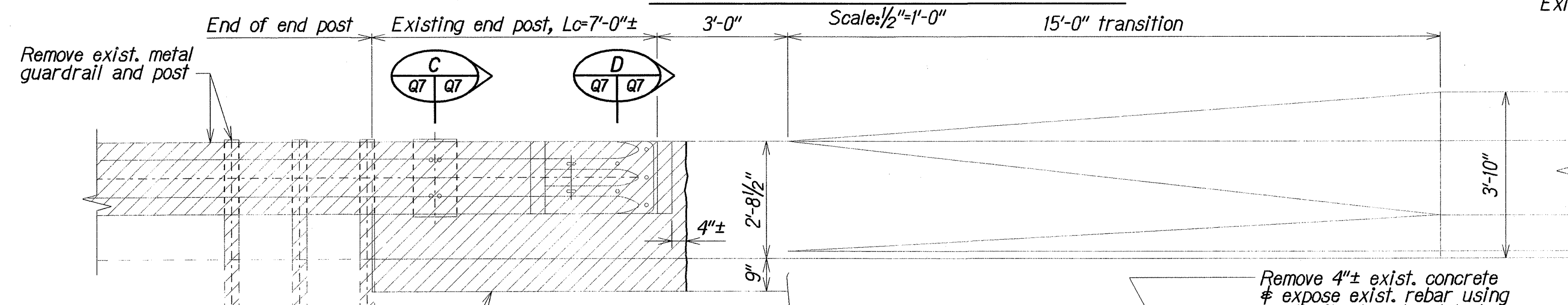
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SHEET No. 06 OF 10 SHEETS

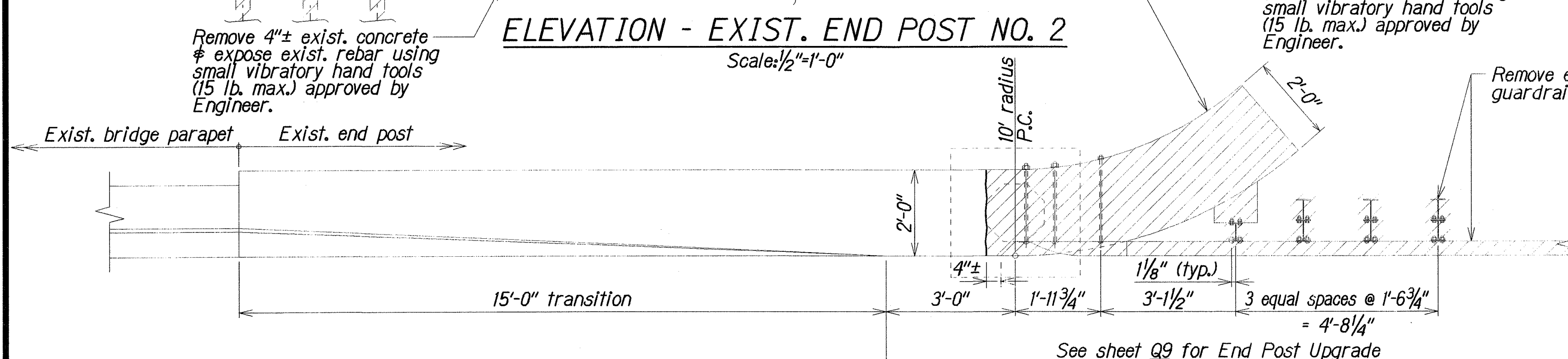
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HAWAII	HAW.	H-IEF-01-06MR	2009	37	40



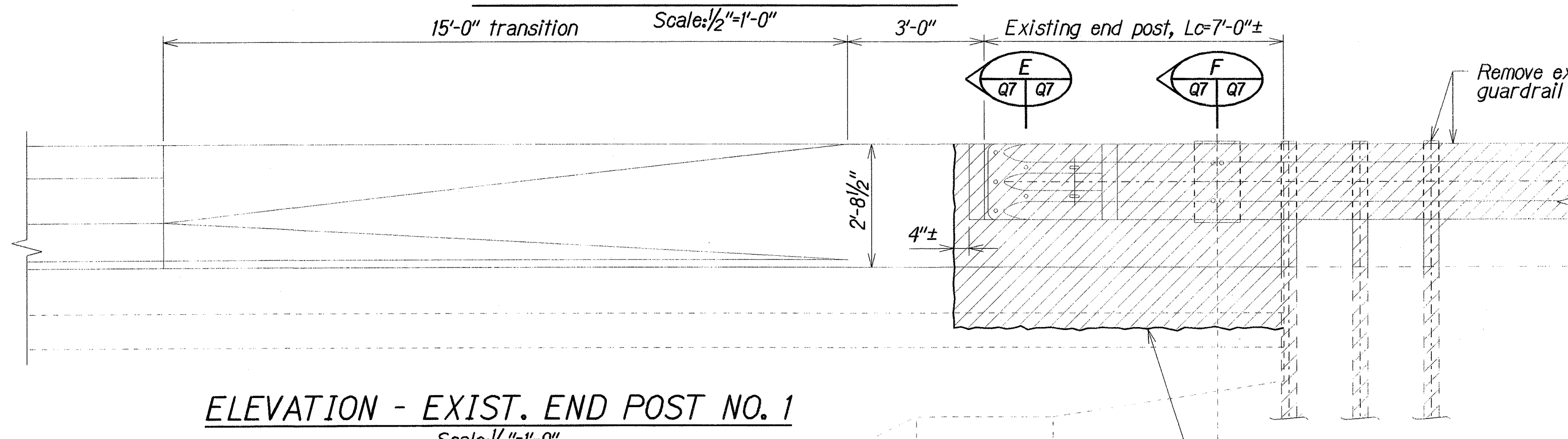
PLAN - EXIST. END POST NO. 2



ELEVATION - EXIST. END POST NO. 2

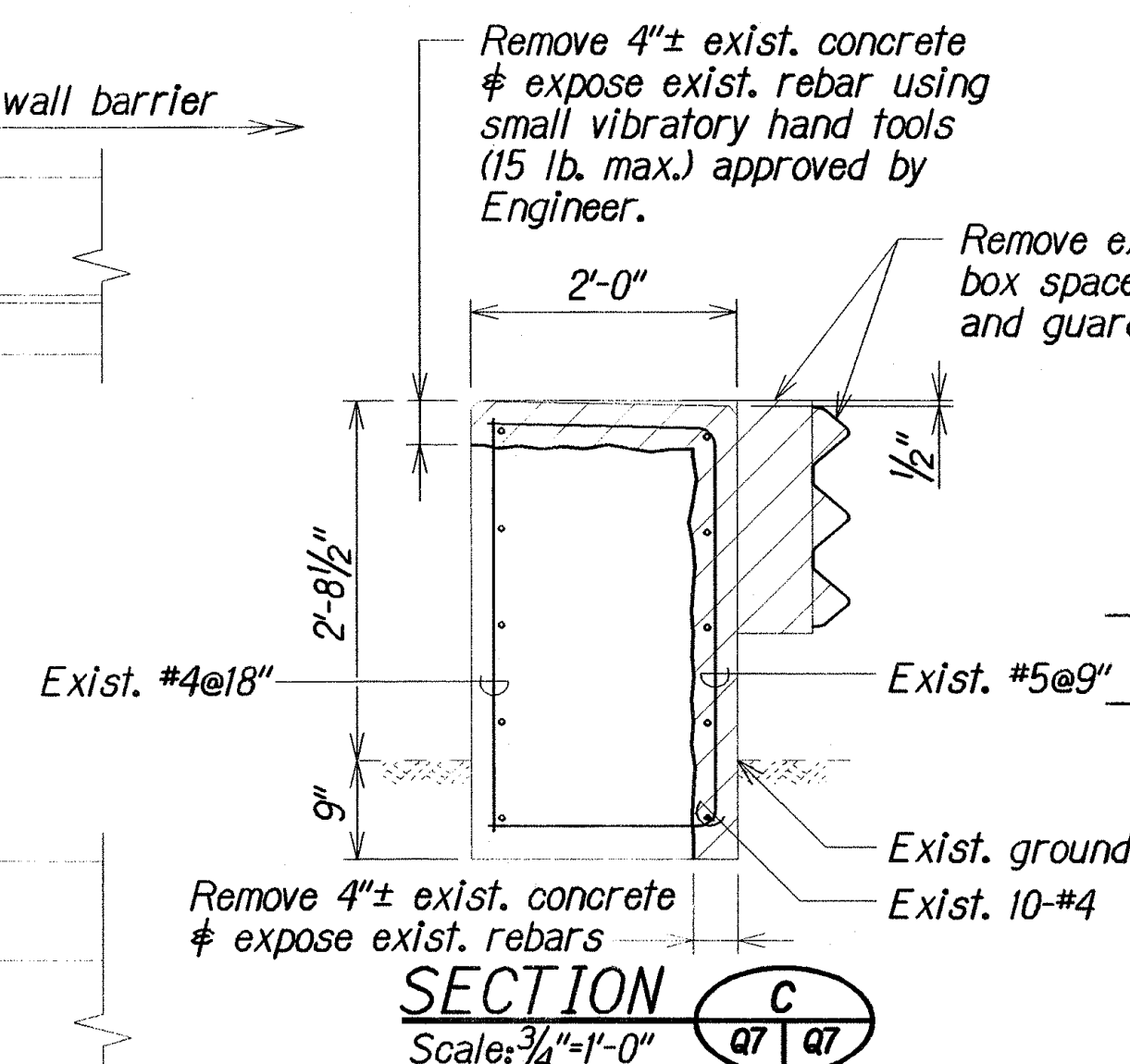


PLAN - EXIST. END POST NO. 1

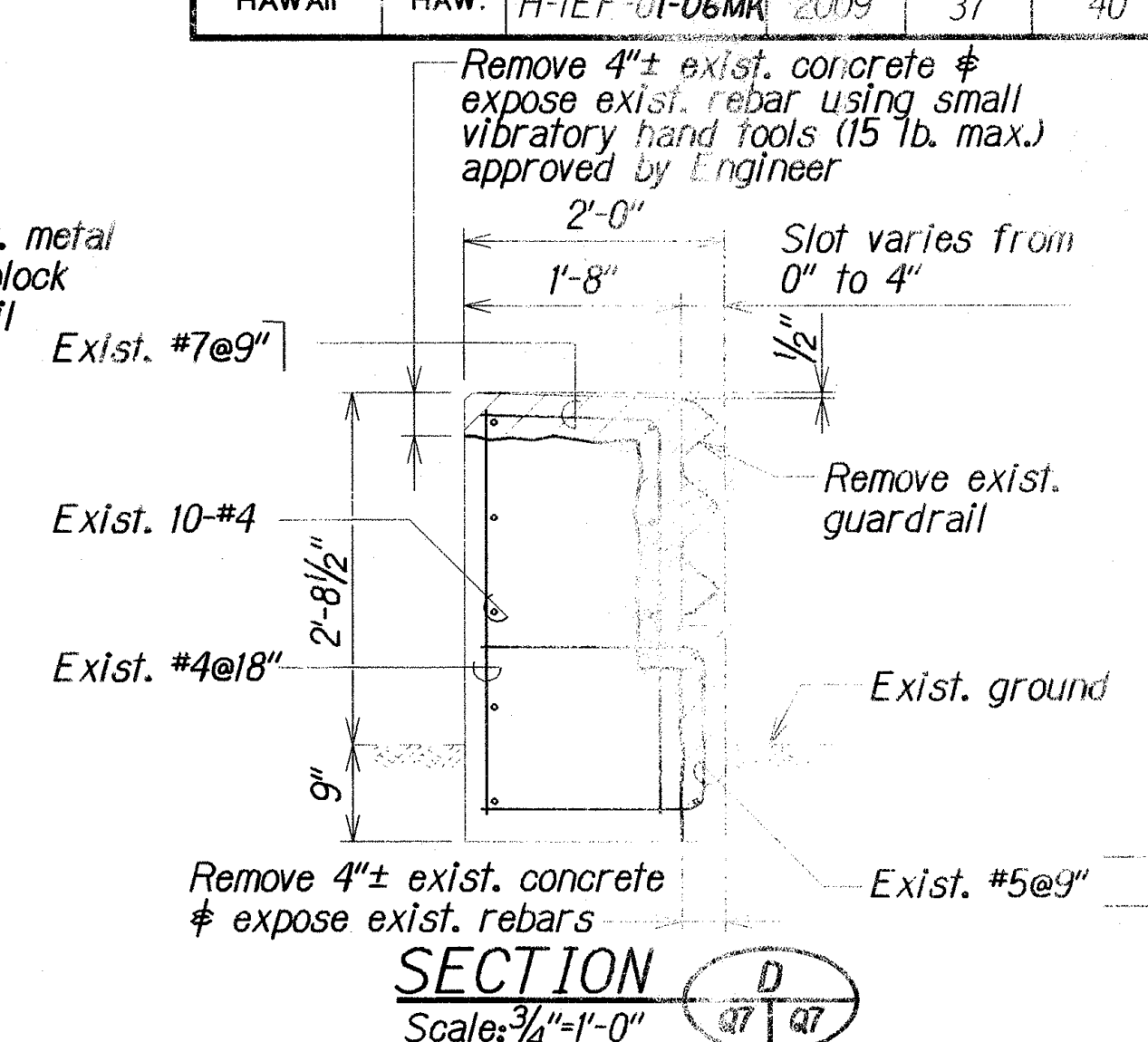


ELEVATION - EXIST. END POST NO. 1

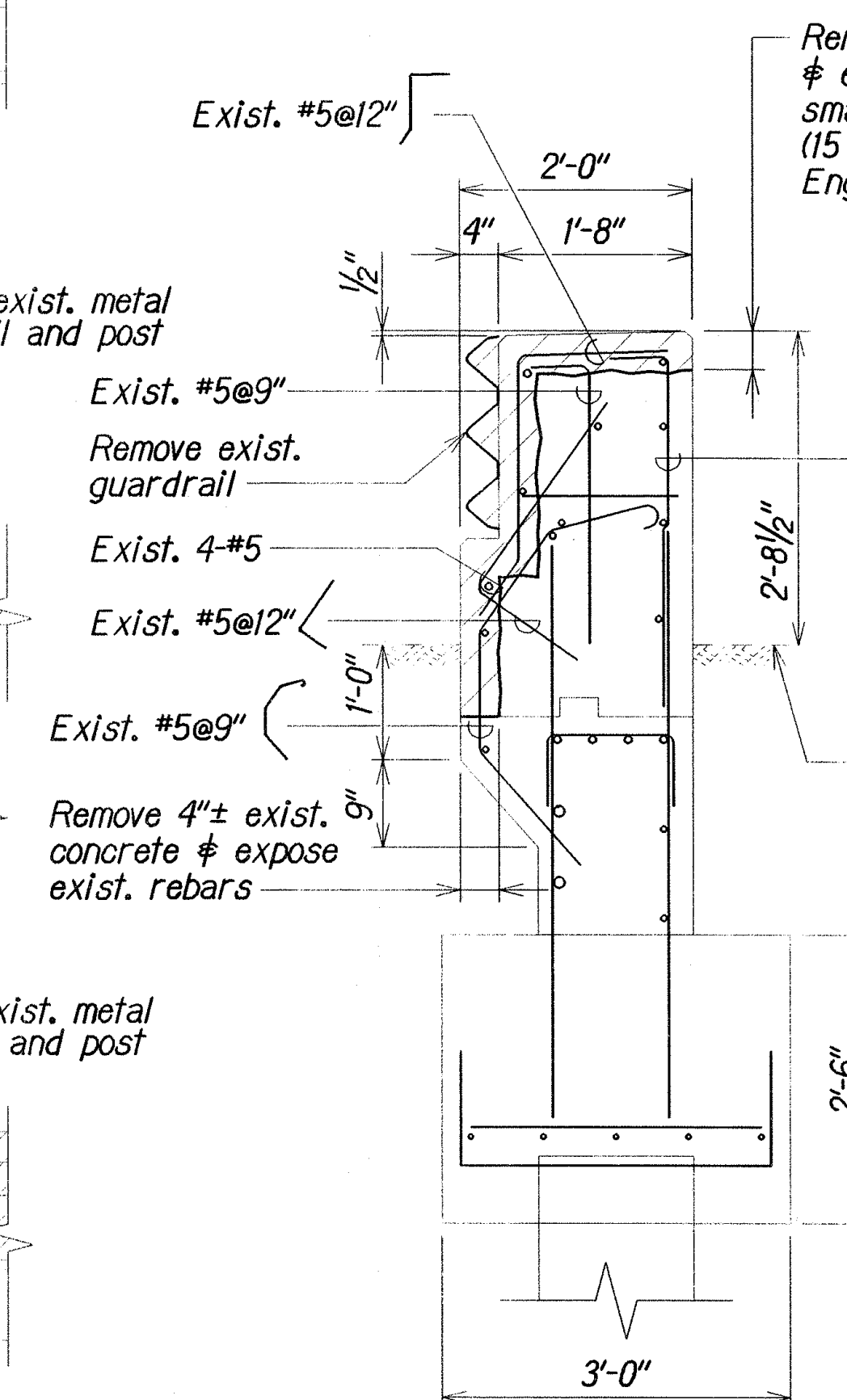
EXISTING & DEMOLITION END POST NOS. 1 & 2 DETAILS
HALAWA INTERCHANGE STRUCTURE NO. 15



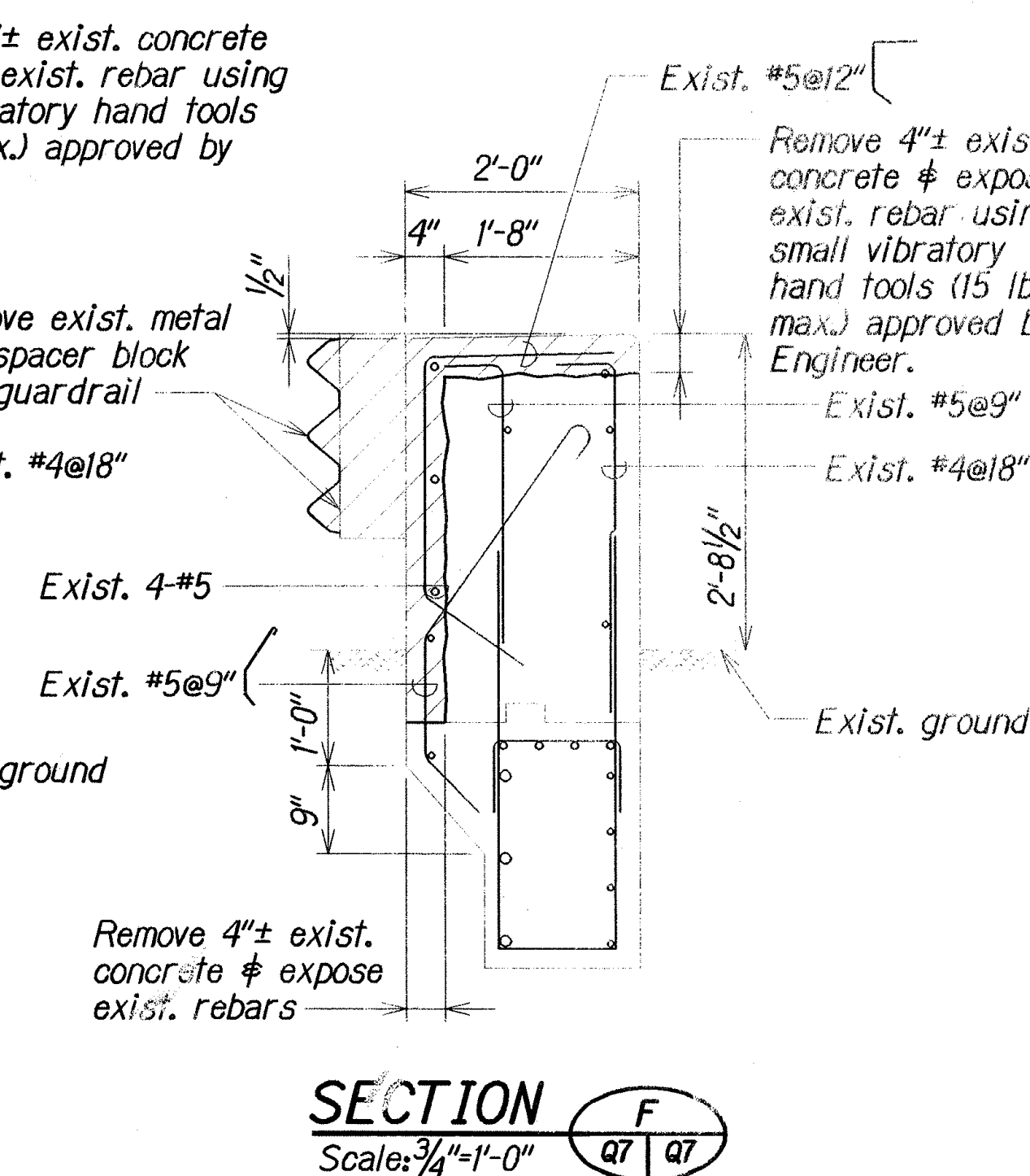
SECTION C



SECTION D



SECTION E



SECTION F

NOTE:
1. Expose Exist. Rebars to Remain

STATE OF HAWAII
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HALAWA INTERCHANGE STRUCTURE NO. 15
EXISTING & DEMOLITION
END POST NOS. 1 & 2 DETAILS
INTERSTATE ROUTE H-1 PAVEMENT RESURFACING
Kaimakani Street to Salt Lake Viaduct
Project No. H-IEF-01-06MR
Scale: As Noted Date: August, 2008
SHEET No. 07 OF 10 SHEETS

Ref. Guardrail Connection Line and $\phi \frac{5}{8}$ " Anchor Bolt

16'-8 1/4"

12'-1 3/4"

2'-6 1/2"

2'-0"

1'-0 3/4"

8"

7 1/4"

1'-2"

4"

1'-6"

1'-4"

3'-0"

3'-8"

14'-4" Transition Straight Face

18'-0" Footing

Extend #4 Long Bars from End Post Upgrade into Existing

New End Post Front Face

Ref. exist. front face

Ref. exist. front face

End Post Upgrade Section See Below for Sections

Exist. transition

New Ftg. Outline

2'-0"

3'-0"

1'-6"

1'-6"

1'-4"

#4 Stirr.

P.C.

3'-0"

1'-2"

4"

8"

16"

9'-0"

7'-6"

1'-3" Key

3'-10 1/2"

2'-0"

2'-6" Term. Connector

1"

1"

9 1/2"

10 5/8" ±

25'-0" Guardrail Type 3 Thrie Beam Pay Limits

Curb to be in Line with Front Face of Metal Guardrail & Match Front Face of End Post at Tapered End

Balance See Hwy. Plan

Balance
See Hwy. Plan

25'-0" Guardrail Type 3 Thrie Beam Pay Limits

Ref. Guardrail Connection Line and ϕ 2- $\frac{1}{8}$ " ϕ thru Holes for 2- $\frac{5}{8}$ " ϕ x 1'-4" lg. Anchor Bolts w/Cap PL, Nut and Washer

End Post

14'-4" Transition Straight Face

Exist. end post

3'-8"

2'-7"

2'-6" Term. 1"

Connector 1'-0 $\frac{3}{4}$ " 8"

7 $\frac{1}{4}$ "

5-1" ϕ thru Holes for 5- $\frac{7}{8}$ " ϕ x 1'-4 $\frac{3}{4}$ " lg. Anchor Bolts w/Cap PL, Nut & Washer

Top of New Conc. End Post Upgrade

H Q8 Q5

I Q8 Q5

J Q8 Q5

K Q8 Q5

E Q8 Q9

ϕ Thrie bm.

1'-9"

Fin. Grade

6"

1'-10"

2'-8 $\frac{3}{4}$ "

Joint w/90# felt

8" 16" 7" 12"

Taper

7 $\frac{9}{8}$ "

7 $\frac{5}{8}$ " 7 $\frac{5}{8}$ "

10"

2'-8 $\frac{3}{4}$ "

6'-3" Transition

4-spcs. @ 3'-1 $\frac{1}{2}$ " = 12'-6"

4-spcs. @ 1'-6 $\frac{3}{4}$ " = 6'-3"

Limits of W6x15 Post & Spacer

12'-6" Double (Nested) Rail Element

18'-0" Footing

2'-0" Cover

1'-4" Fig.

1'-6" Key

4'-10"

2'-8 $\frac{1}{2}$ "

1'-6"

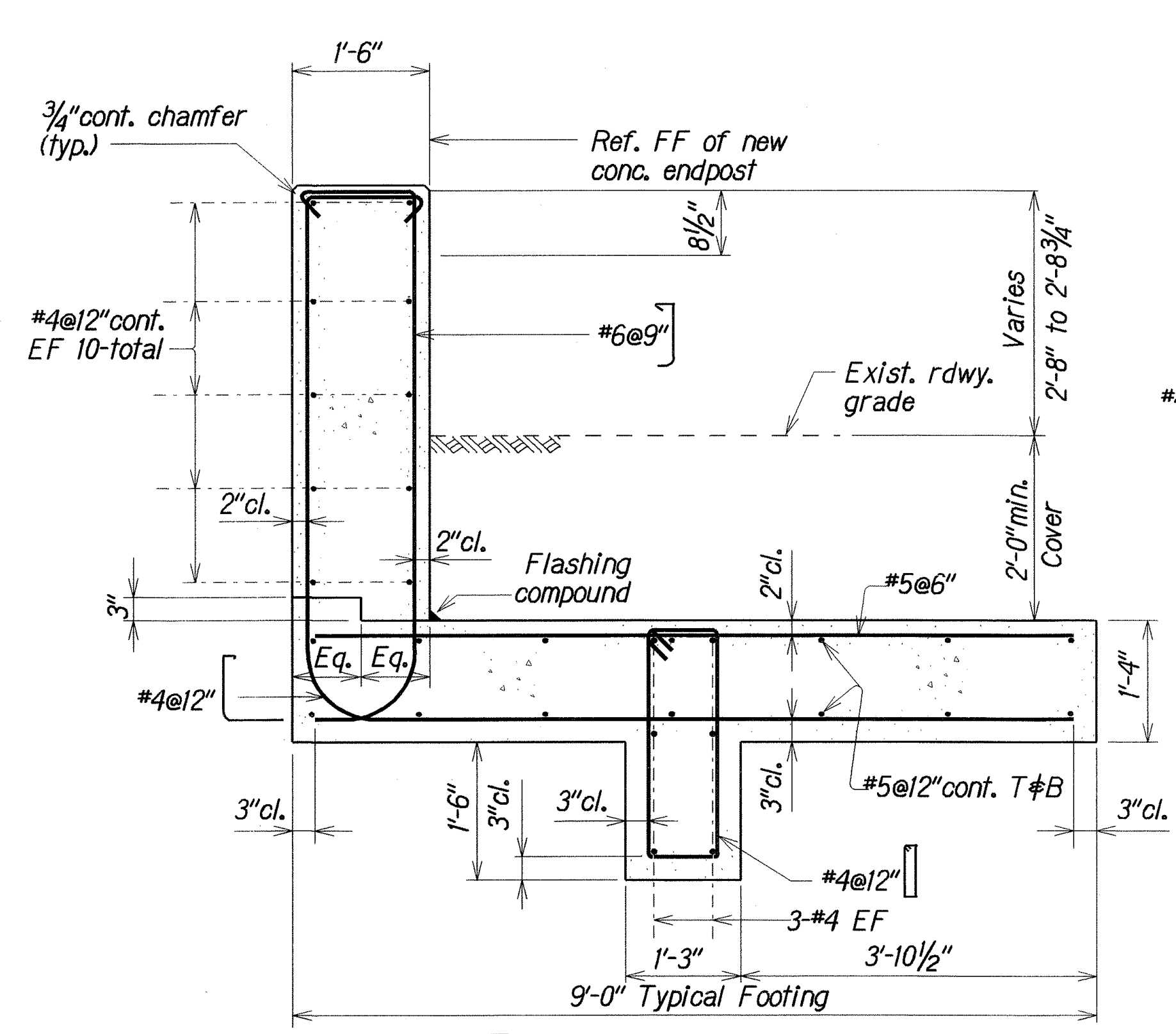
STATE OF HAWAII
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HIGHWAYS DIVISION
HALAWA INTERCHANGE STRU

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HALAWA INTERCHANGE STRUCTURE NO. 15
END POST NOS. 1 & 2 UPGRADE
PLAN & ELEVATION
INTERSTATE ROUTE HI PAVEMENT RESURFACING
Kaimuki Street to Salt Lake Viaduct
Project No. H-11-F-01-06MR

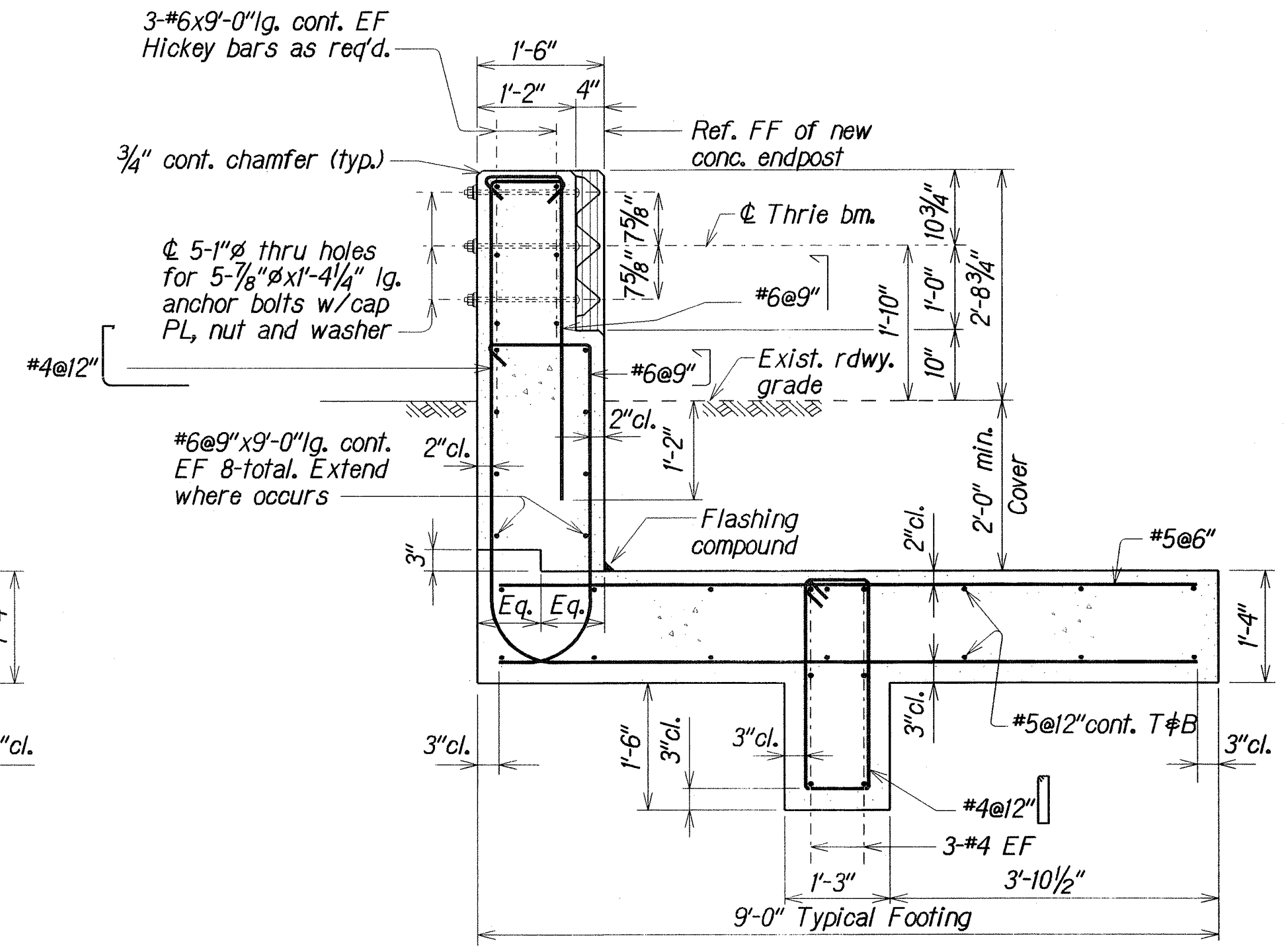
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SHEET No. 08 OF 10 SHEETS

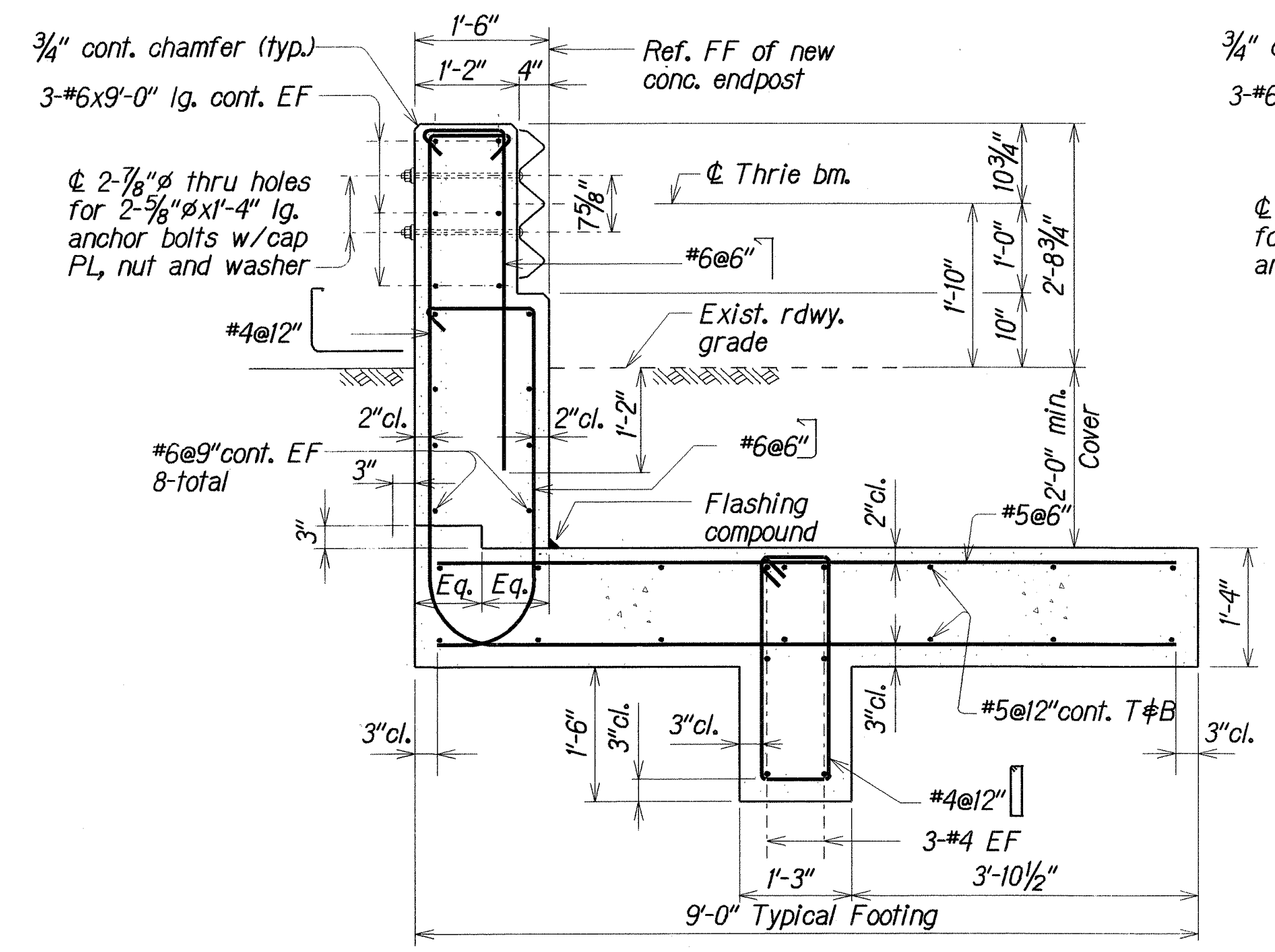
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HAWAII	HAW.	H-IE F-01-06MR	2009	39	40



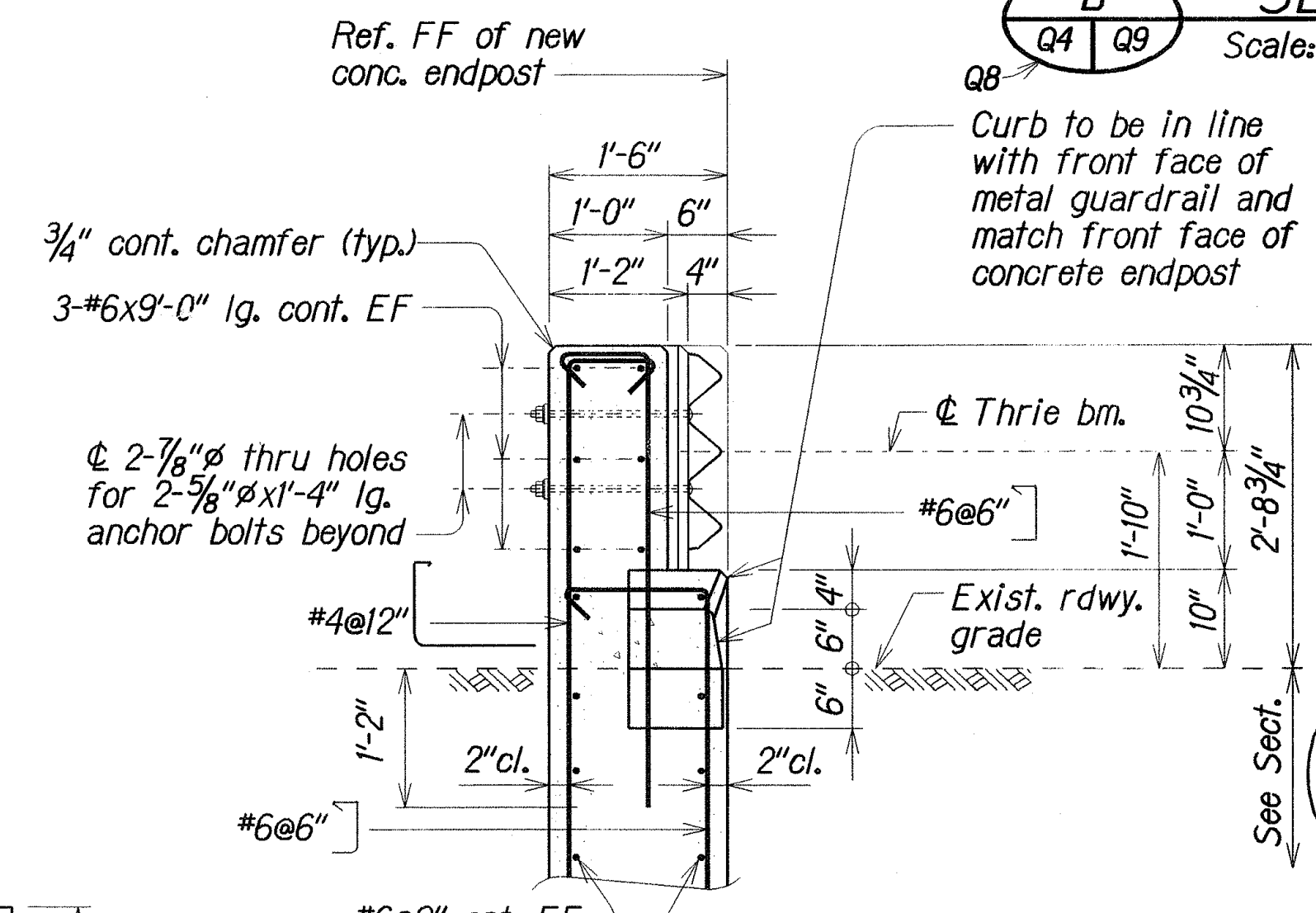
SECTION A
Q4 | Q9
Scale: 3/4" = 1'-0"



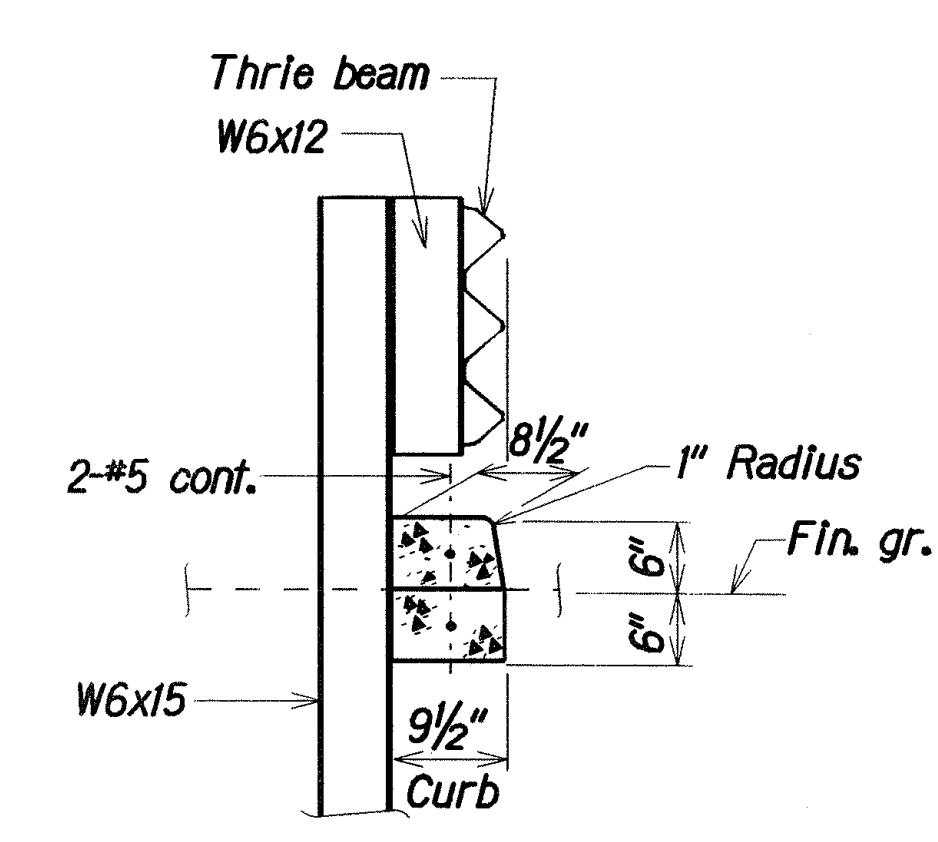
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Q4 | Q9
Scale: 3/4" = 1'-0"



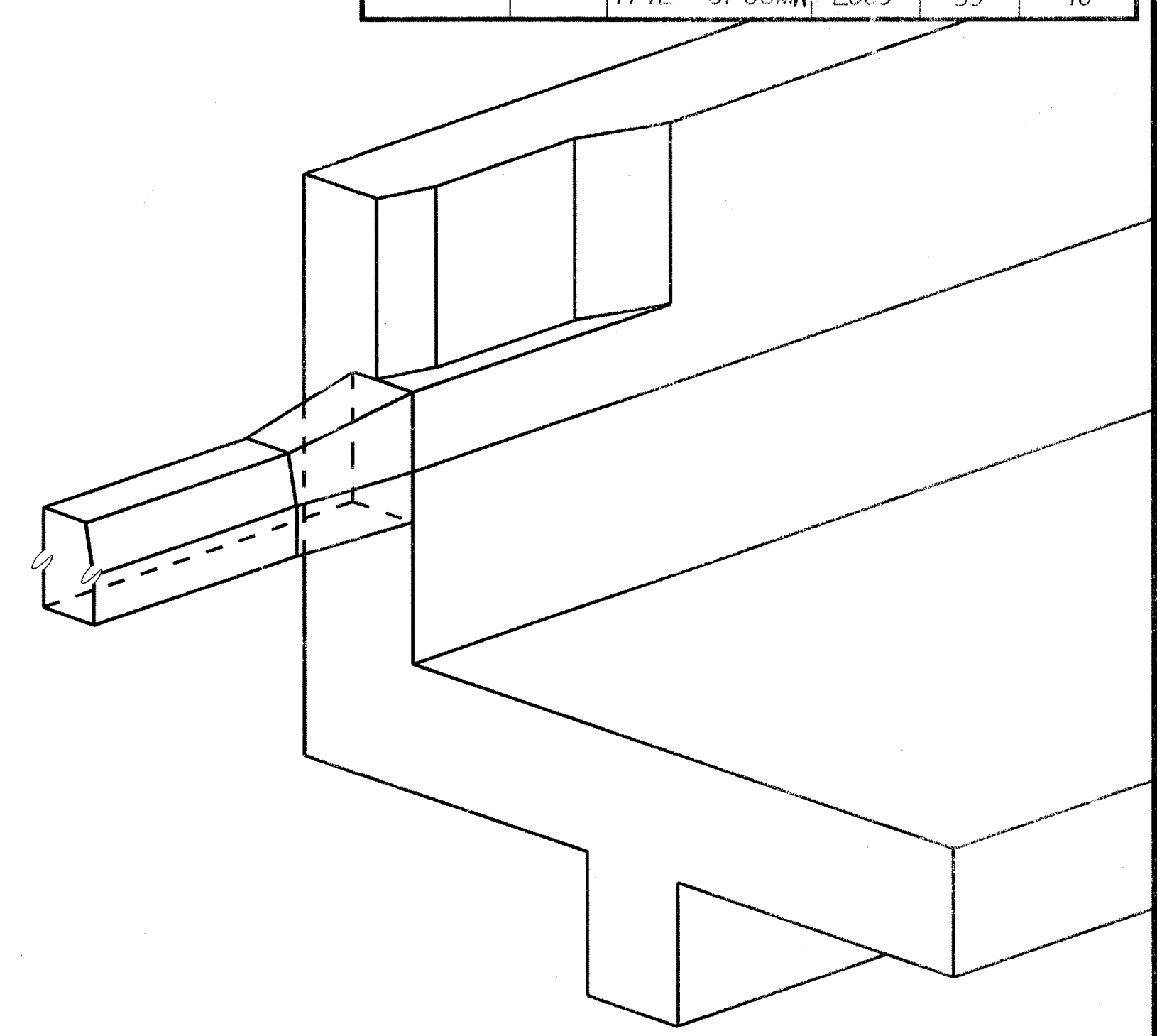
SECTION C
Q4 | Q9
Scale: 3/4" = 1'-0"



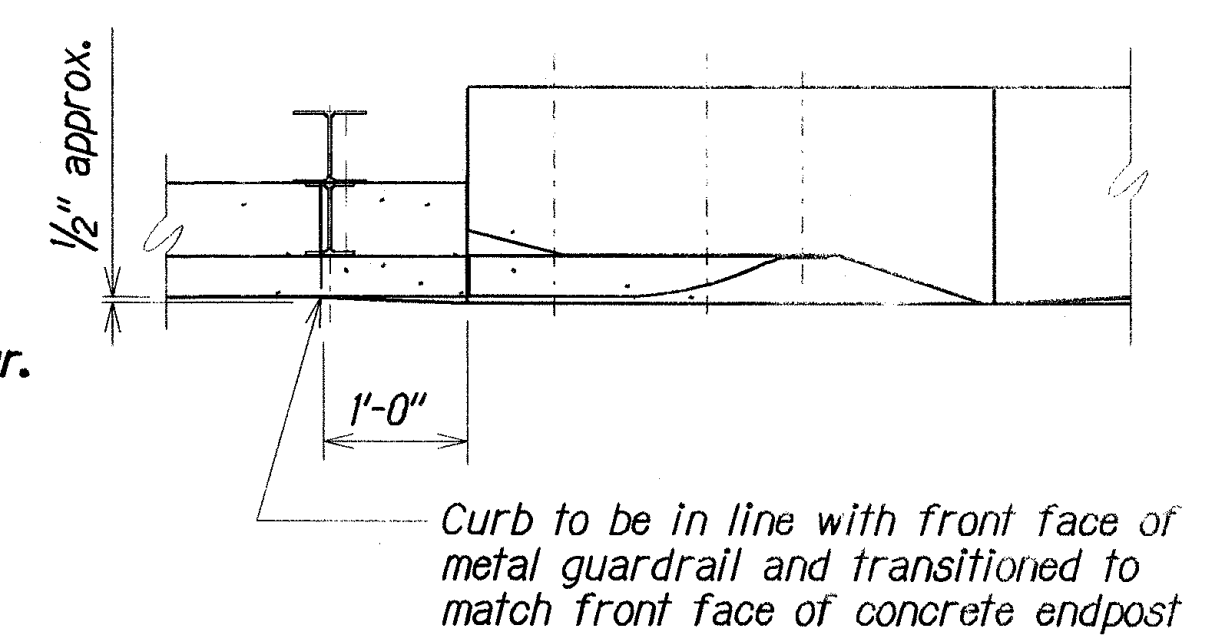
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Q4 | Q9
Scale: 3/4" = 1'-0"



SECTION E
Q4 | Q9
Scale: 3/4" = 1'-0"



PARTIAL ISOMETRIC VIEW
END POST
Not to Scale



PARTIAL PLAN
Scale: 3/4" = 1'-0"

TYPICAL SECTIONS - END POST UPGRADE DETAILS

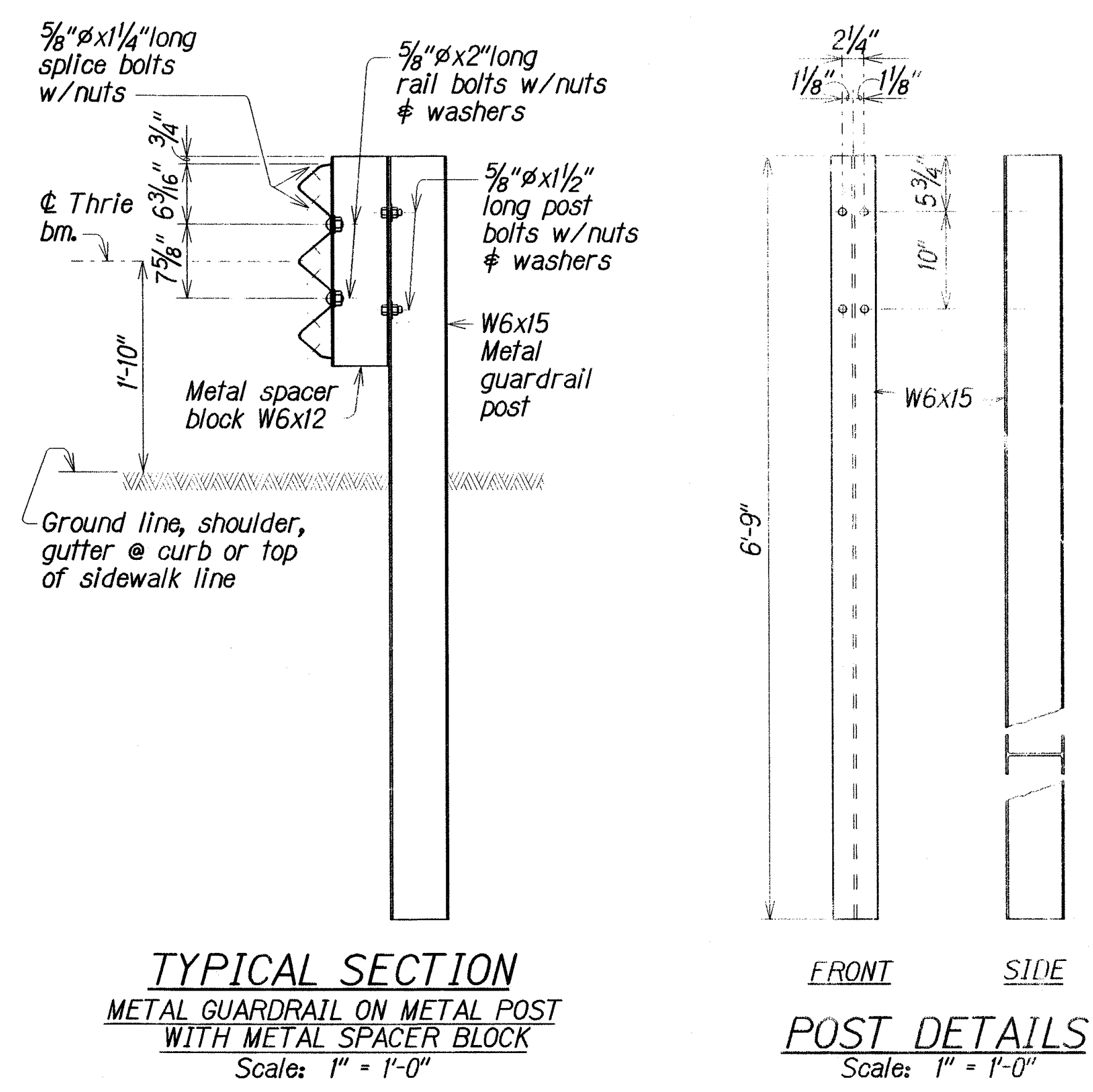
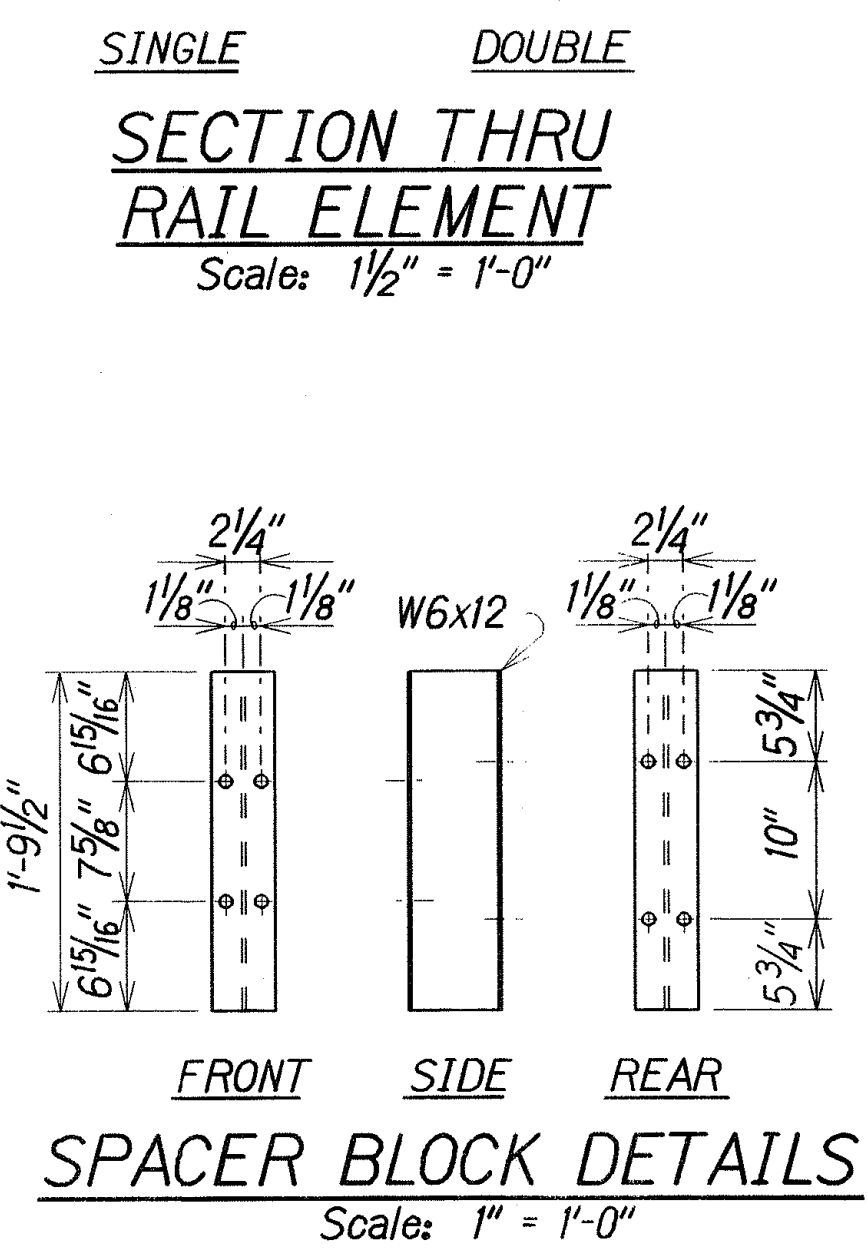
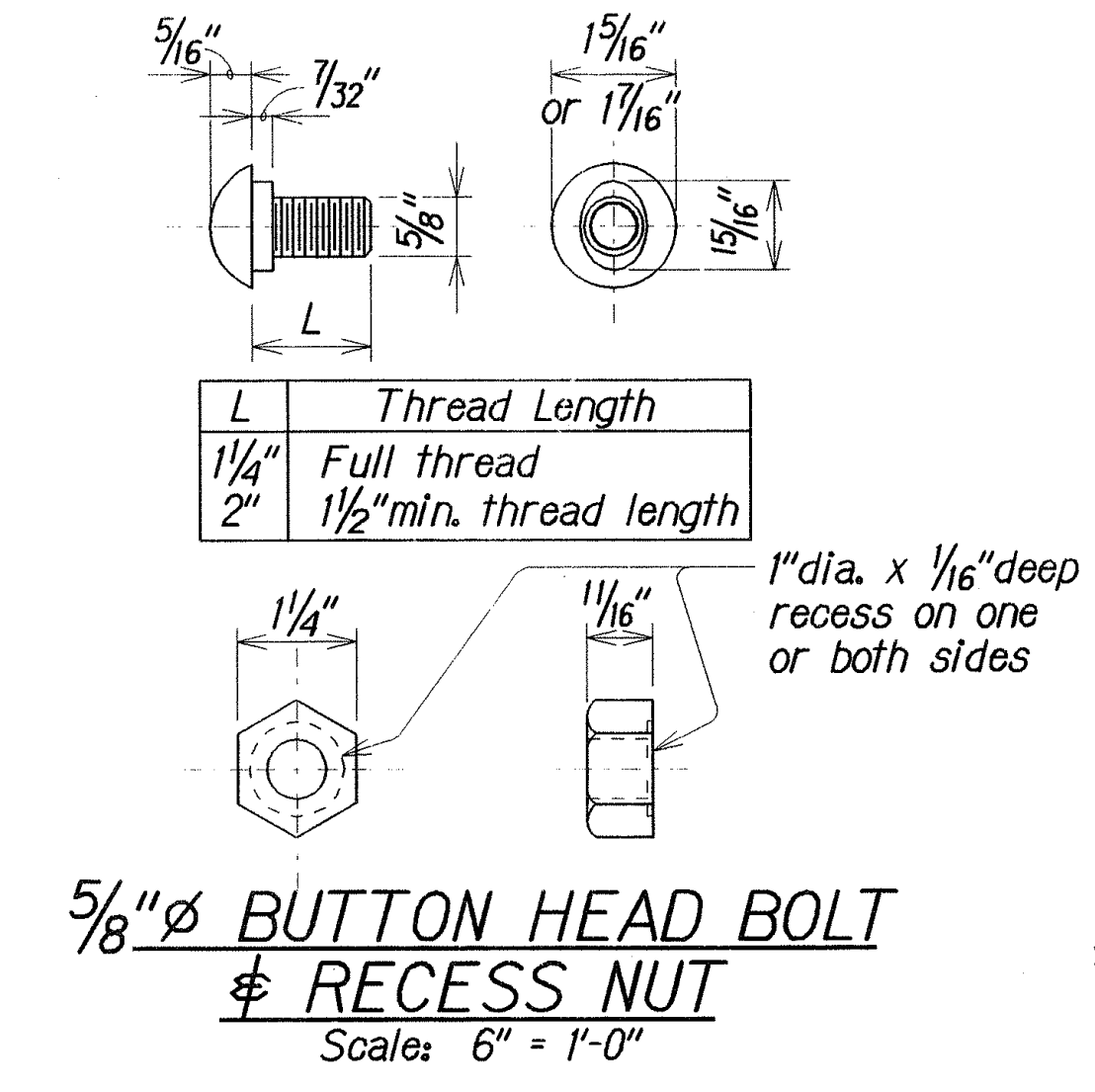
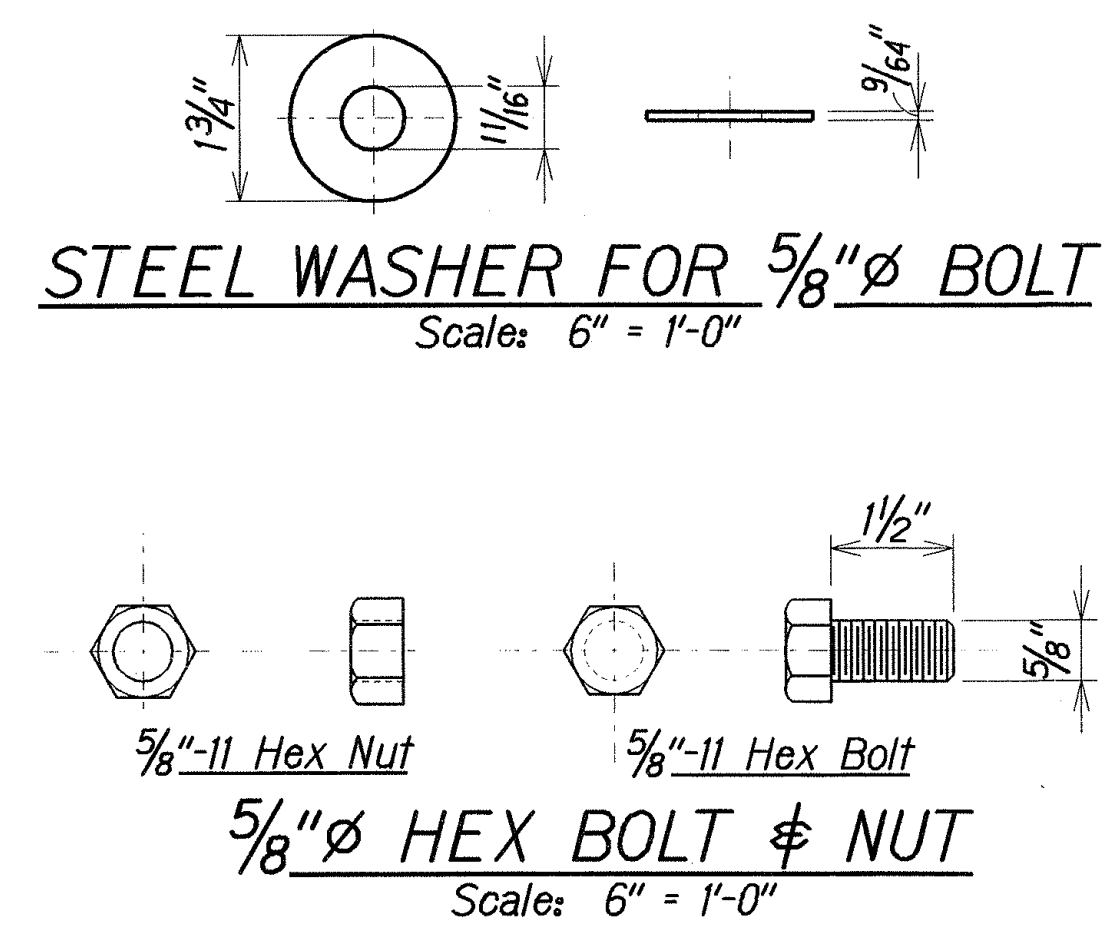
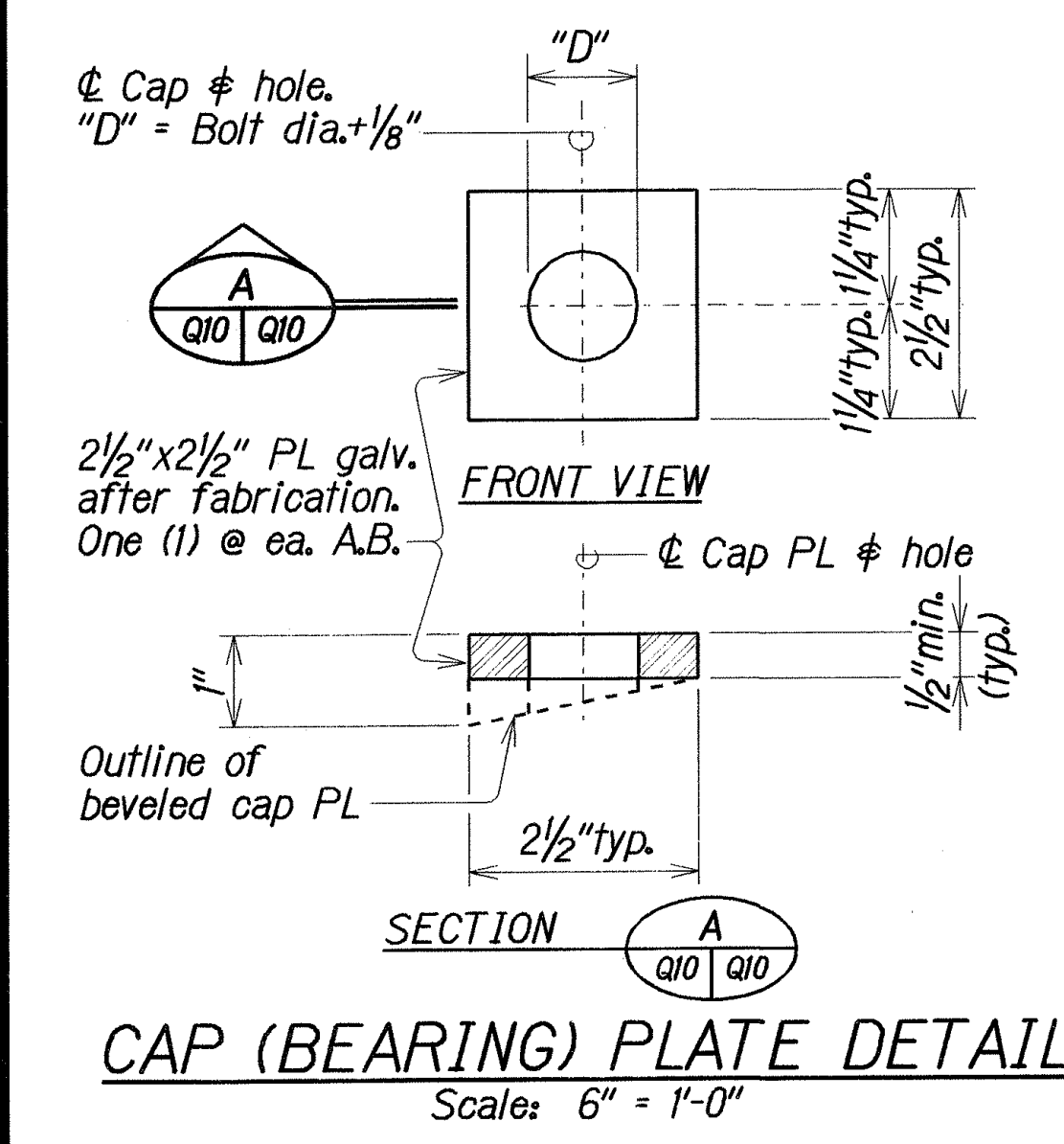
DATE	XXX
SURVEY PLOTTED BY	XXX
DRAWN BY	XXX
DESIGNED BY	XXX
QUANTITIES BY	XXX
CHECKED BY	XXX
ORIGINAL PLAN	XXXXXX
NOTE BOOK	XXXXXX

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
END POST UPGRADE DETAILS
TYPICAL SECTIONS AND
PARTIAL ISOMETRIC VIEW
INTERSTATE ROUTE H-1 PAVEMENT RESURFACING
Kaimakani Street to Salt Lake Viaduct
Project No. H-IE F-01-06MR
Scale: As Noted Date: August, 2008

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H-1EF-01-06MR	2009	40	40

NOTES:

- The work necessary to connect guardrail to concrete end post shall include all labor, materials, tools, equipment and incidentals necessary to complete the work and will not be paid for separately.
- Lap terminal connector and rail element in direction of traffic to prevent snagging.
- All anchor bolts shall be high strength bolts conforming to the requirements of ASTM 325 and Standard Specification, Section 713.04.
- Anchor bolt length shall be such that a snug fit of the elements and full thread engagement plus 1/4" (max) is attained.
- "Terminal Connector", "Transition Section" and thrie beam shall be fabricated from 10 gauge steel conforming to the requirements of AASHTO M 180, Type II, Class B.
- "Terminal Connector" and standard spacer, including all anchor bolts, cap PL, nuts and washers, shall be hot-dip galvanized after fabrication.
- Cap PL shall be fabricated from ASTM A709.
- First 25'-0" of guardrail adjoining "Terminal Connector" shall be galvanized steel and supports spaced as shown on the detail drawings. This section of rail shall be placed on tangent to end post or parallel to roadway, unless conditions at site renders it impossible to do so. Flare point to be determined in field.
- Double (nest 1st panel) thrie beam elements at all end post connections, except on highways with one-way traffic pattern, use single thrie beam elements at end post on trailing end only.
- Where double (nested) beam occur, 12" "Back-up Plate" not required.
- Heads of through anchor bolts shall be placed on the traffic side of the rail.
- All steel shapes, rails and plates shall conform to ASTM A709 specifications.



METAL GUARDRAIL TYPE 3 THRIE BEAM AND APPURTENANCES DETAILS

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

END POST UPGRADE DETAILS

METAL GUARDRAIL TYPE 3 THRIE BEAM

and APPURTENANCES DETAILS

INTERSTATE ROUTE H-1 PAVEMENT RESURFACING

Kaimakani Street to Salt Lake Viaduct

Project No. H-1EF-01-06MR

Date: August, 2008

[illegible]

- 1.) DO NOT ATTACH GUARDRAIL TO POST # 1.
- 2.) DO NOT ATTACH GUARDRAIL TO POST BLOCKS AT GUARDRAIL LAP SPLICES. (AT POSTS #3, 5 & 7)
- 3.) THE 3/8" FLAT WASHER IS USED BEHIND THE NUT, BEHIND THE POST ONLY. NO WASHER IS USED AT THE RAIL.
- 4.) MANUFACTURER SUGGESTS CUSTOMER TO PROVIDE REFLECTORIZATION OF TERMINAL.

SEE NOTE BELOW

5/8" dia. x 10" LG H.G.R. BOLT
W/ HEX NUT & WASHER
(SEE NOTE 3)

PC 33872A POST (UPPER)
W6 x 8.5

SEE DETAIL "D"

RECYCLED PLASTIC
BLOCKOUT OR
OFFSET BLOCK

3'-7 1/2"

PC 33874A POST (LOWER)
W6 x 8.5

TRAFFIC SIDE

DETAIL "D"

TRAFFIC

3/4" dia. x 2 1/2" HEX
HD BOLT W/ WASHER,
LOCKWASHER UNDER
HEX NUT

3/8" dia. x 2" HEX
HD BOLT W/ WASHER,
LOCKWASHER UNDER
HEX NUT

DETAIL "H"
(POST #2)

3/4" dia. x 2 1/2" HEX HD BOLT
W/ WASHER, LOCKWASHER
UNDER HEX NUT

PC 33871A POST (UPPER)
W6 x 8.5

PC3000G CABLE
ASSEMBLY W/ 1"
HEX NUT & WASHER
EACH END

3/8" dia. x 2" HEX HD BOLT
W/ WASHER, LOCKWASHER
UNDER HEX NUT

PC 33873A POST (LOWER)
W6 x 8.5

DETAIL "K"
(POST #1)

PC 782G BEARING PLATE 8" x 5 1/8" x 8"

TRAFFIC SIDE

VIEW "K-K"

3"

This technical drawing shows a side view of a rectangular bearing plate. The plate is labeled 'PC 782G BEARING PLATE 8" x 5 1/8" x 8"'. A label 'TRAFFIC SIDE' points to the left edge. A section line 'K-K' is shown with arrows pointing to the right. The plate is mounted on a base, with a 3" dimension indicated for the base height. The plate has a central circular feature with a bolt. The drawing includes break lines to indicate that the plate is longer than shown.

VIEW "K-K"

ET-2000 PLUS

INTERSTATE ROUTE H-1 RESURFACING
Kaimakani St. to Salt Lake Viaduct
Project No. NH-072-1(54)

Scale: NTS

Date: July, 2010

SHEET No. 1 OF 1 SHEETS

C.O. 40S-1