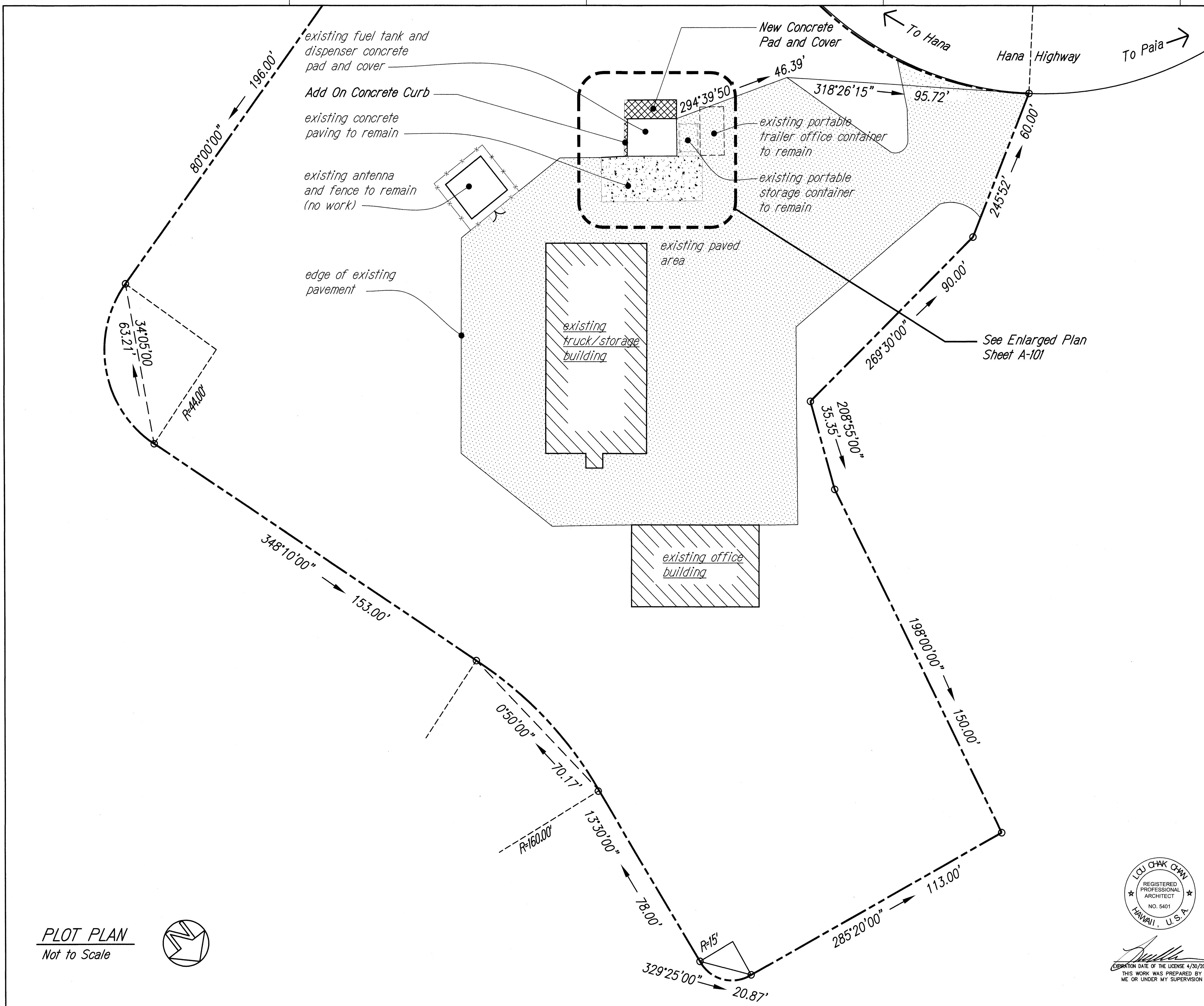


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-06-06M	2010	5	18



ORIGINAL SURVEY PLOTTED BY	DATE
PLAN	8/20/06
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

PLOT PLAN
Not to Scale

LOU CHAK CHAN
REGISTERED PROFESSIONAL ARCHITECT
NO. 5401
HAWAII, U.S.A.

[Signature]
EXPIRATION DATE OF THE LICENSE 4/30/2012
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN

**KEANAE BASEYARD
MAINTENANCE and REPAIRS
Project No. HWY-M-06-06M**

Scale: AS NOTED Date: APRIL 2010

SHEET No. A-100 OF 18 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-06-06M	2010	6	18

Saw Cut and Remove Portion of Existing Concrete Curb to be Flushed with Existing Slab Edge (Typ.)

existing concrete curb to remain (typ.)

Demolish and Remove Existing Concrete Pile and Footing (Typ. of 6)

existing fuel tanks foundation slab to remain (typ.)

Backfill and Regrade Area of Excavation for Foundation and Footing Slab Extension after Construction off Footing and Curb (Typ.)

existing concrete asphalt pavement to remain

Remove and Relocate Existing Storage Container Away from Existing Location as Required for Renovation Work

existing trailer office to remain

Dismantle and Salvage Existing Column Mounted Fire Extinguisher and Cover (2 Set) for Reinstallation

existing concrete asphalt pavement to remain

existing steel pipe bollard to remain, protect in place (typ. of 12)

existing loading and fueling area concrete pad to remain protect in place (typ.)

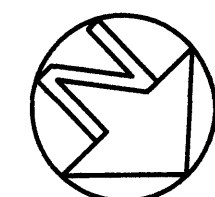
Demolish and Remove All Existing Signage. Replace All Signages with Same Types and Messages(Typ.)

Demolish and Remove Existing Metal Roof Cover and Steel Frame, Light Fixtures and Conduits, Disconnect Dismantle and Remove Existing Vent Thru Roof, Vent Cap Pippings and Wiring for Reconnection, Remove Existing Concrete Footing. Existing Raised Pedestal and Anchor Bolts to Remain to be Reused for Construction of New Steel Post Column (Typ.)

Existing Fuel Tanks Pumps and Piping System to be Removed and Replaced Under a Separated Project, Contractor shall Disconnect and Reconnect Electrical Work, Dismantle and Reinstall Tank Vent Thru Roof Pipe and Vent Cap to Minimum 3'-0" Above New Roof with New Flashing. Contractor shall Completely Empty All Residual Fuel From Tanks, Pumps, Pipes, Circulation System and Hoses. Cover and Protect All Equipment and Opening In Place for Renovation Work (Typ.)

SITE AND FLOOR DEMOLITION PLAN

Scale: 1/4" = 1'-0"



Foundation Slab and Edge Curb Extension (Typ.)

2" Ø Rain Water Drain Pipe Outlet with Gate Valve (Typ.)

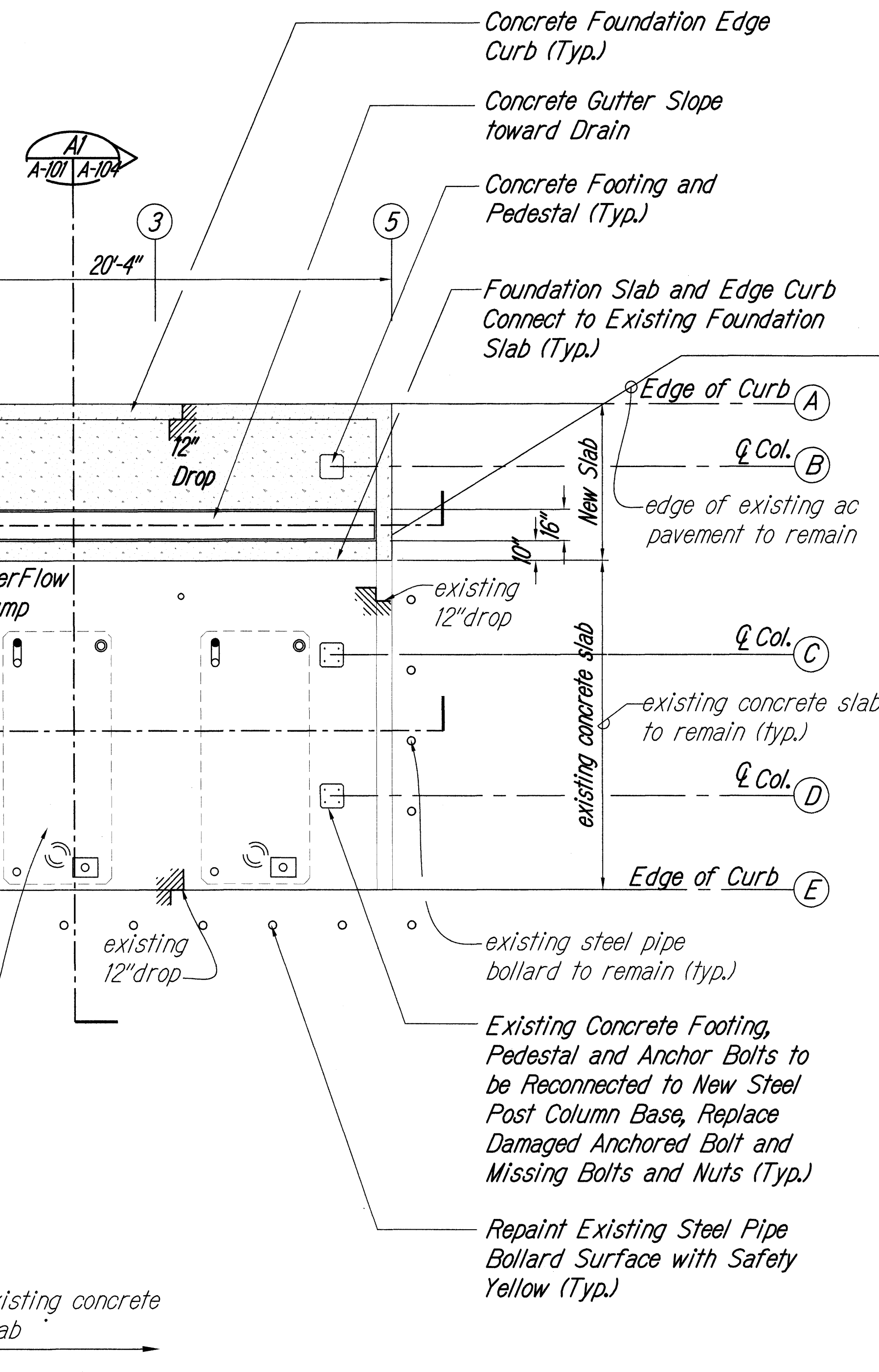
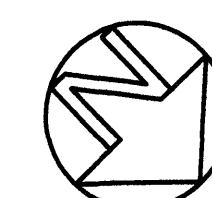
Added On Concrete Edge Curb

existing fuel tank foundation concrete slab to remain (typ.)

existing above ground fuel tank and pump system to be removed and replaced by other (typ.)

FOUNDATION PLAN

Scale: 1/4" = 1'-0"



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

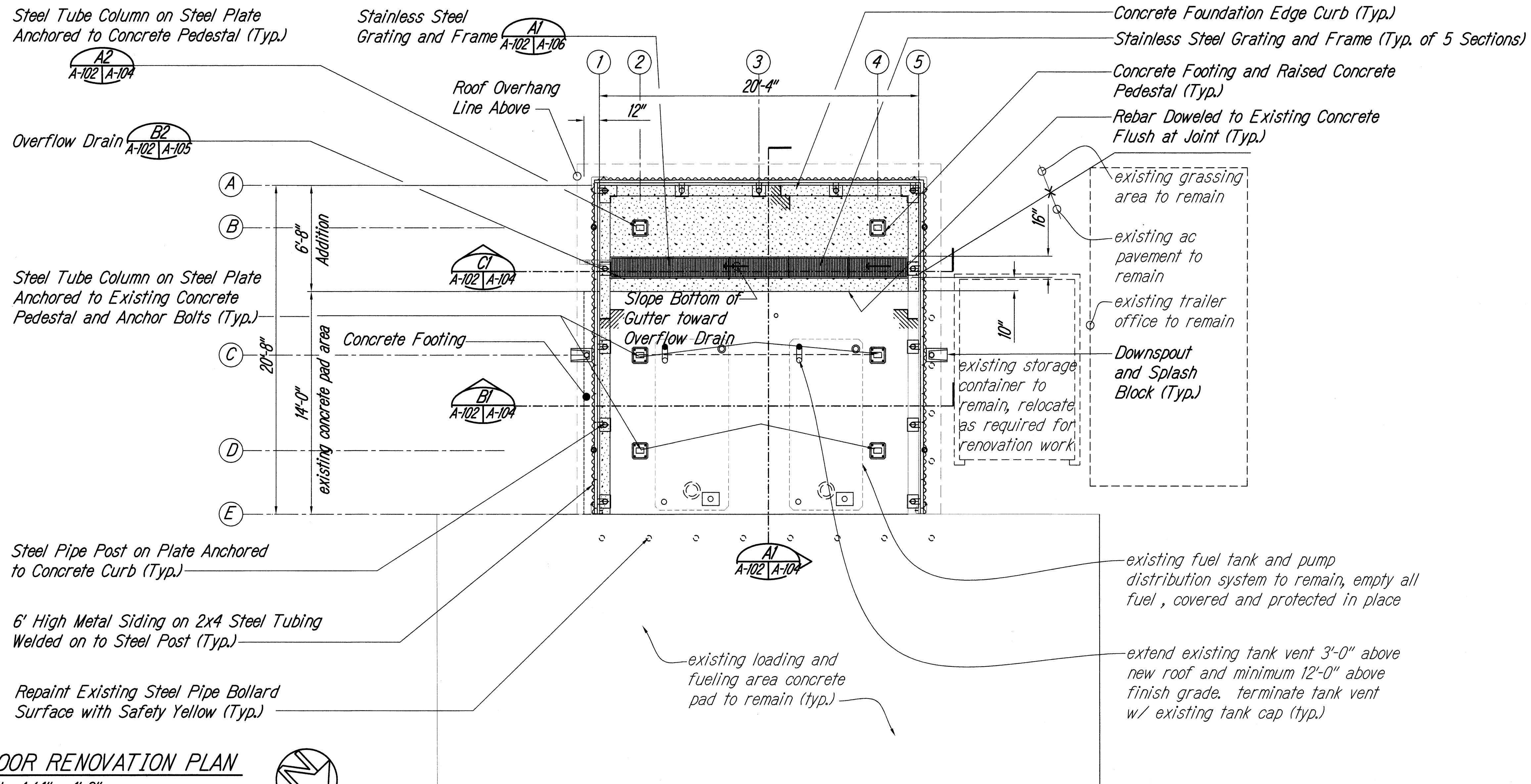
**DEMOLITION AND FOUNDATION
FLOOR PLAN**
KEANAE BASEYARD
MAINTENANCE and REPAIRS
Project No. HWY-M-06-06M

Scale: AS NOTED
Date: APRIL 2010

SHEET No. 101 OF 18 SHEETS

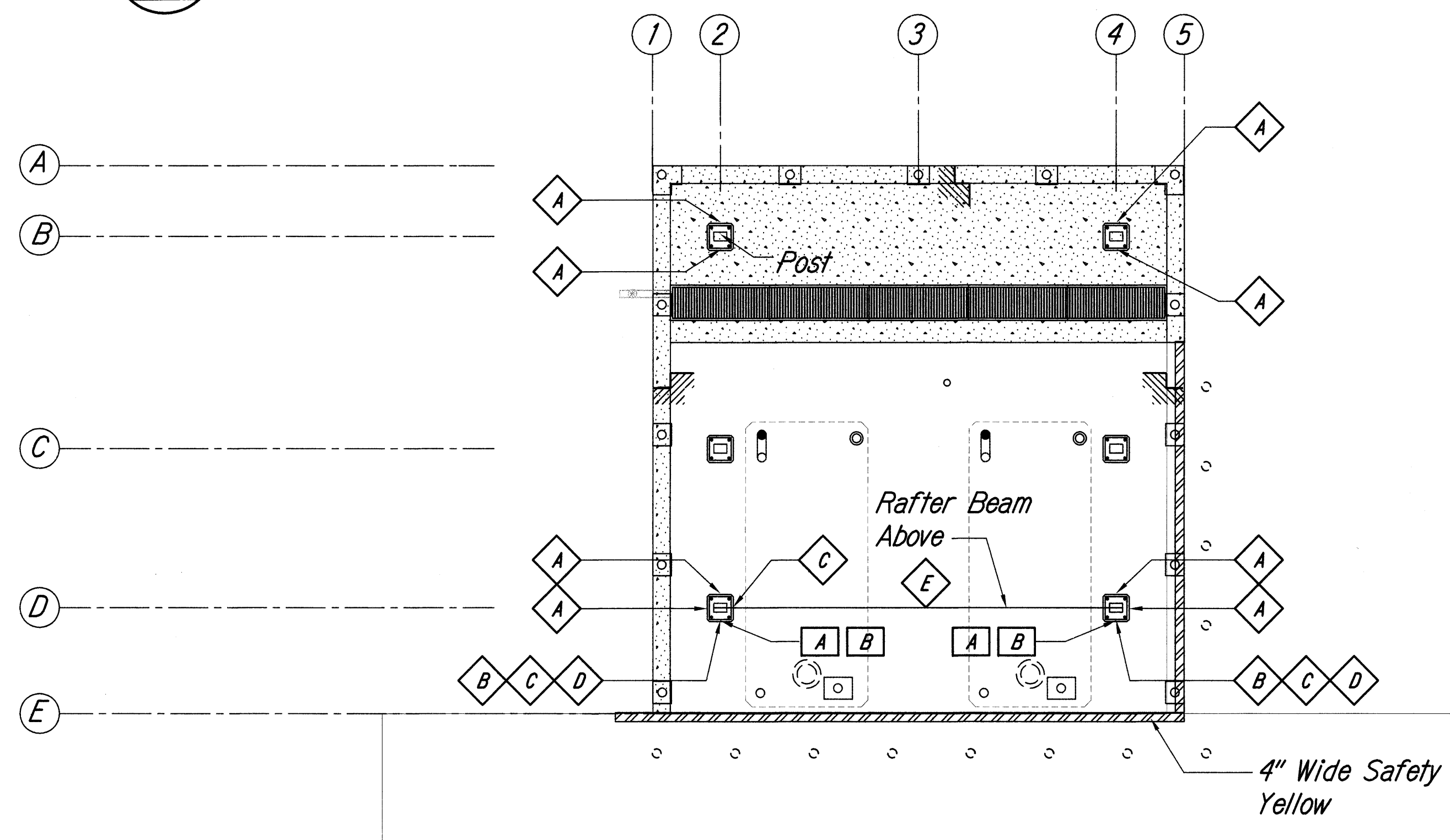
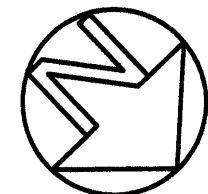
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	6/20/06
QUANTITIES BY	DESIGNED BY	
CHECKED BY	REVIEWED BY	
No.		

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-06-06M	2010	7	18



FLOOR RENOVATION PLAN

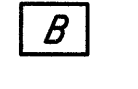
Scale: 1/4" = 1'-0"



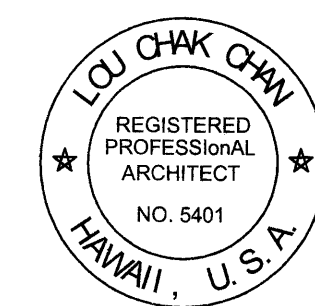
SIGNAGE PLAN

Scale: 1/4" = 1'-0"

Legend:

-  Signage
See Signage Type and Size on Sheet A-107
-  Reinstall Fire Extinguisher and Mounting Strap
-  Reinstall Existing Fire Extinguisher and Cover (Verify Location Typ.)

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
PLAN	R. Tamamoto	02/20/06
NOTE BOOK	DESIGNED BY	L. Chan
QUANTITIES BY	L. Chan	
CHECKED BY	L. Chan	
No.		



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

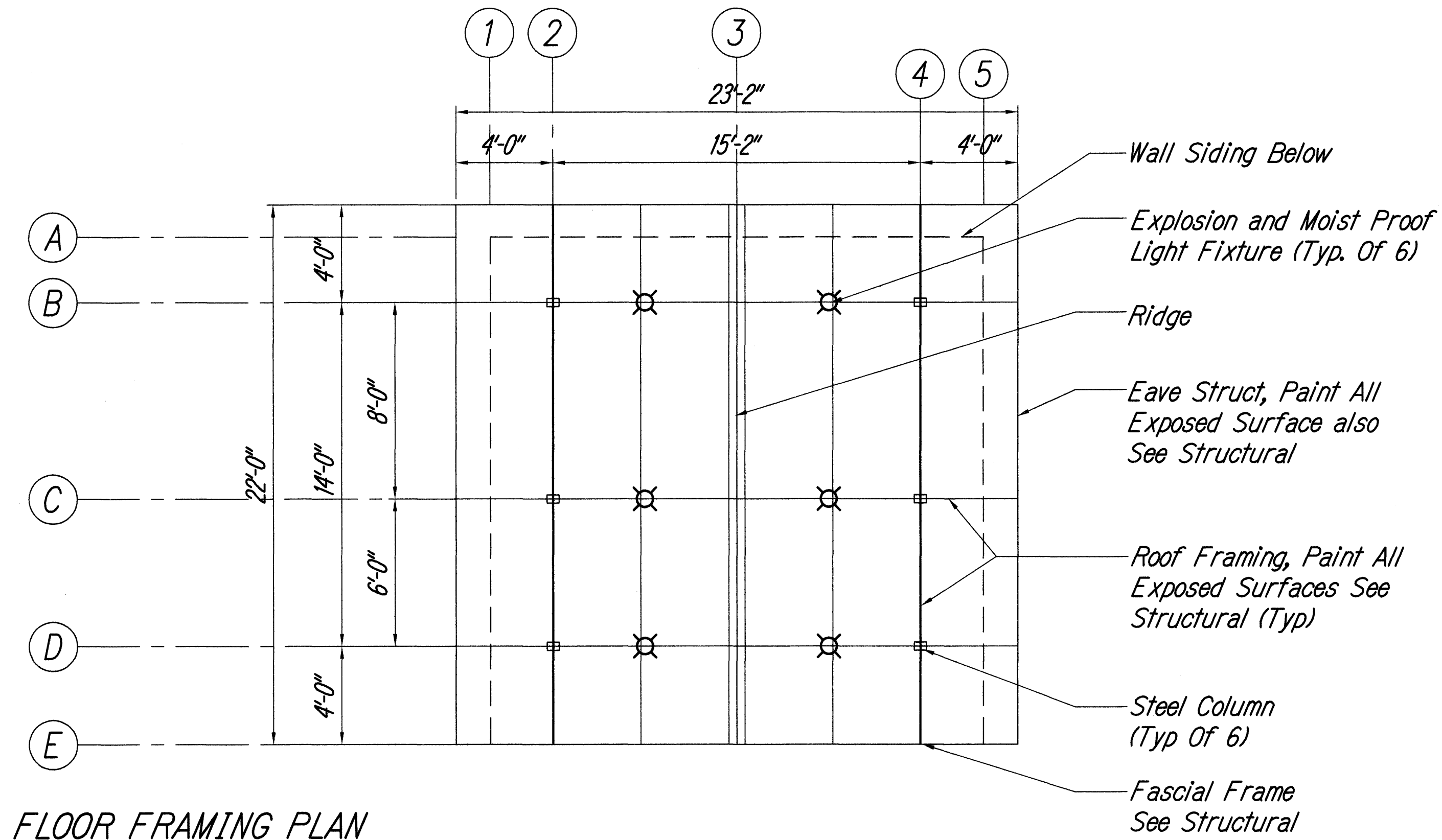
**RENOVATION AND SIGNAGE
FLOOR PLAN**

KEANAE BASEYARD
MAINTENANCE and REPAIRS
Project No. HWY-M-06-06M

Scale: AS NOTED Date: APRIL 2010

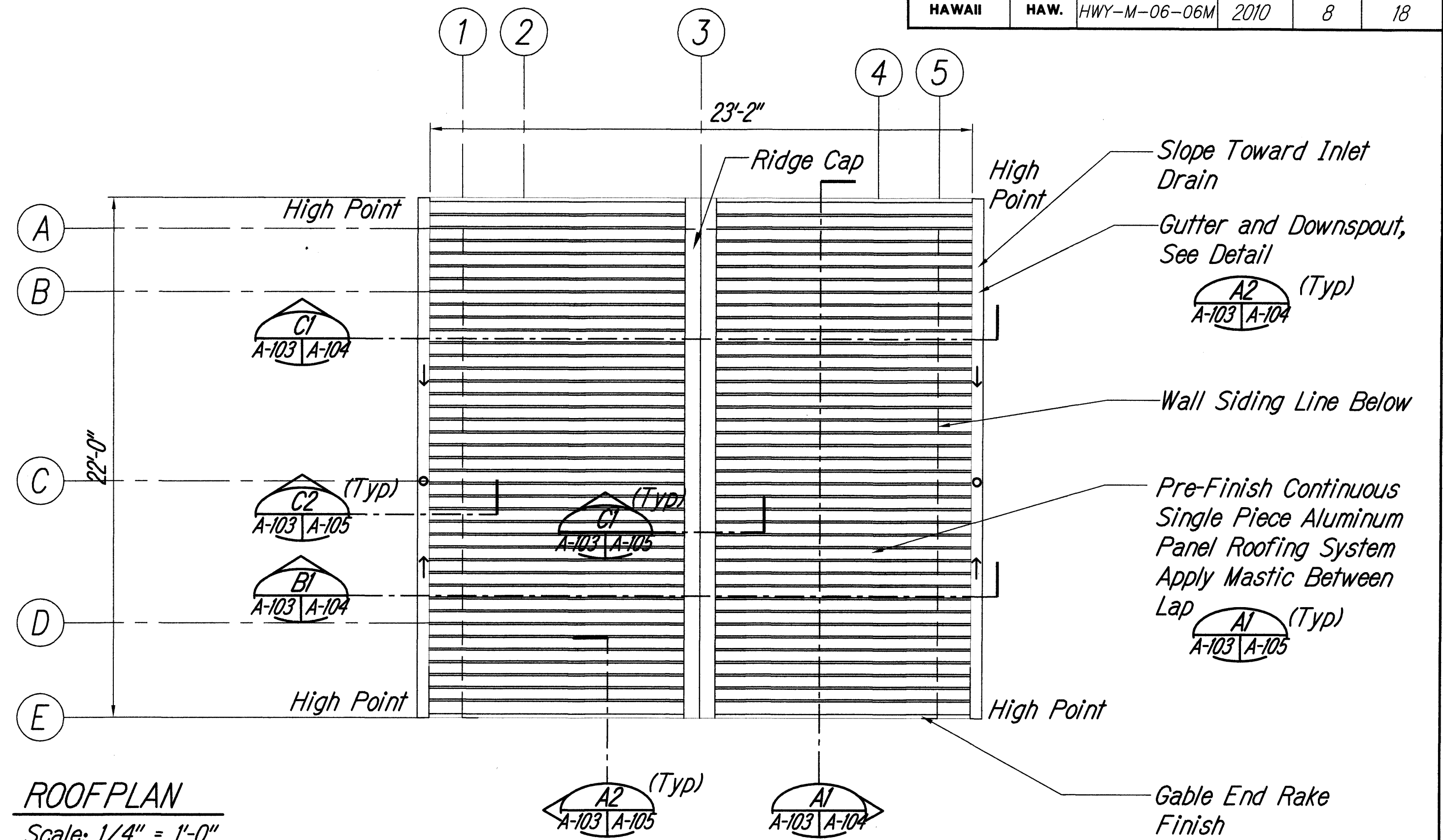
SHEET No. A-102 OF 18 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-06-06M	2010	8	18



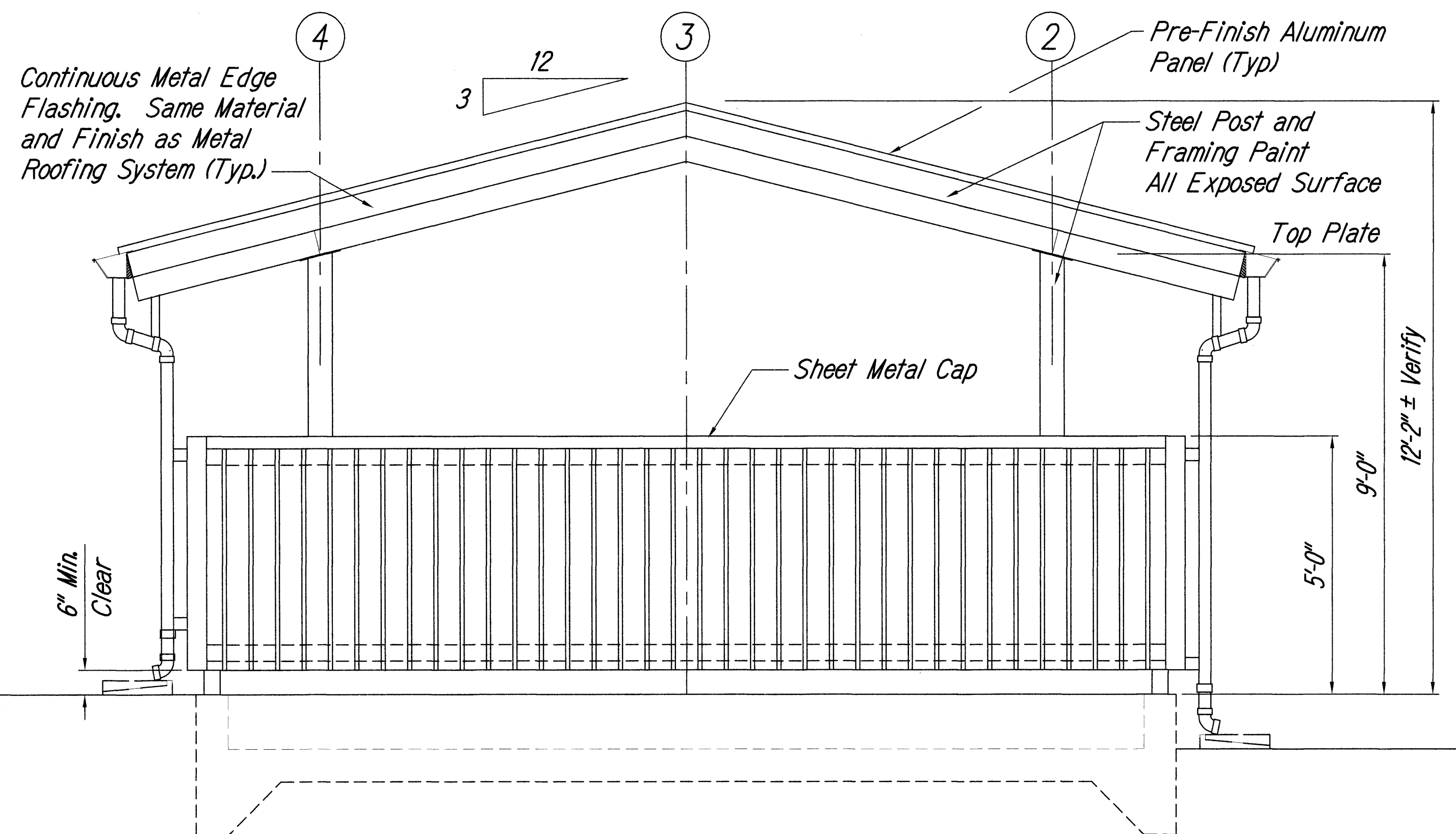
FLOOR FRAMING PLAN

Scale: 1/4" = 1'-0"



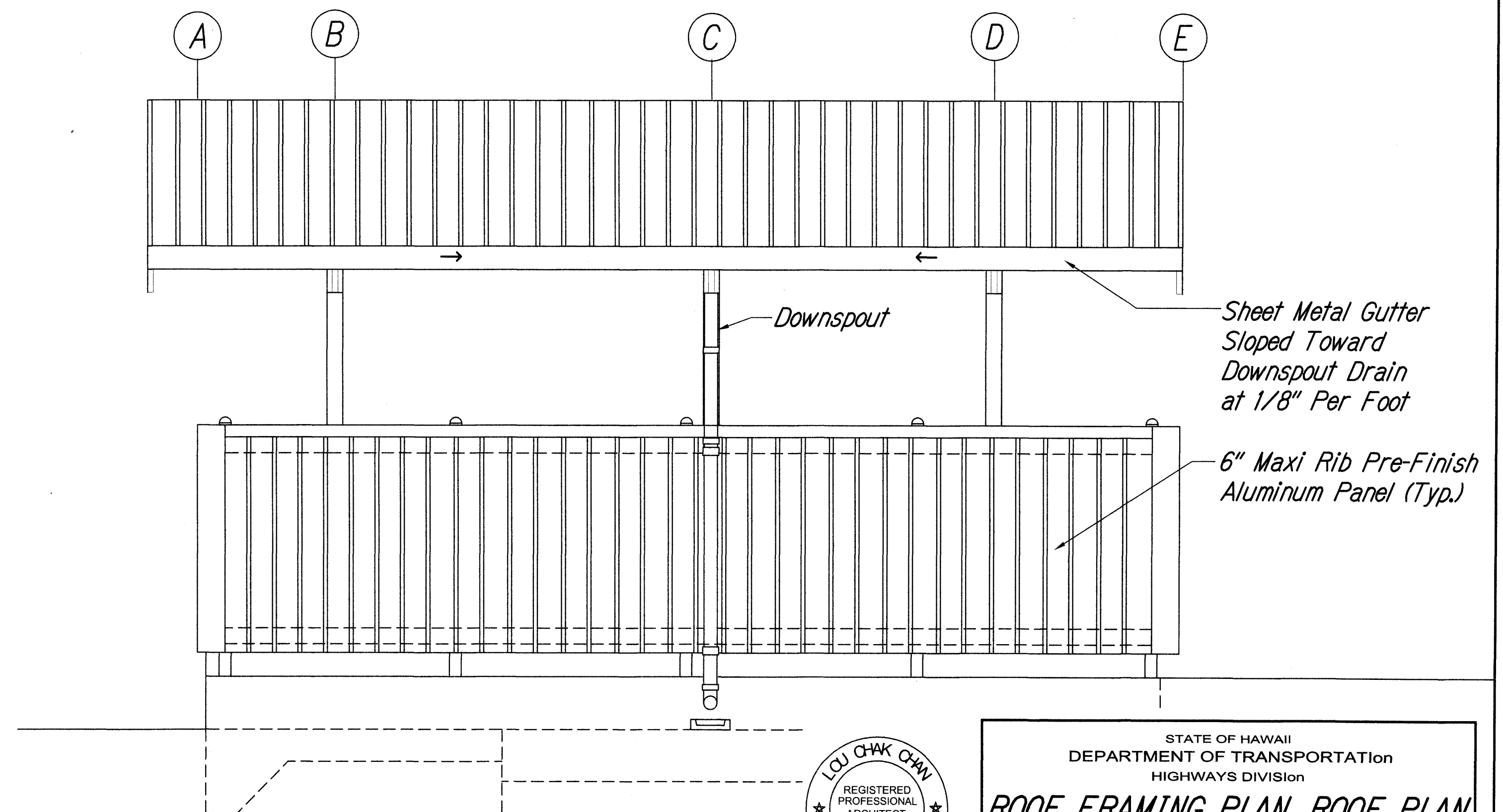
ROOF PLAN

Scale: 1/4" = 1'-0"



REAR ELEVATION

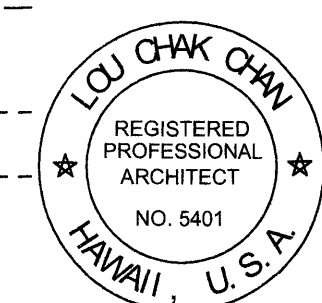
Scale: 1/2" = 1'-0"



TYPICAL SIDE ELEVATION

Scale: 1/2" = 1'-0"

ORIGINAL PLAN	DATE
DESIGNED BY	8/20/06
NOTED BY	
QUANTITIES BY	
CHECKED BY	
No.	



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

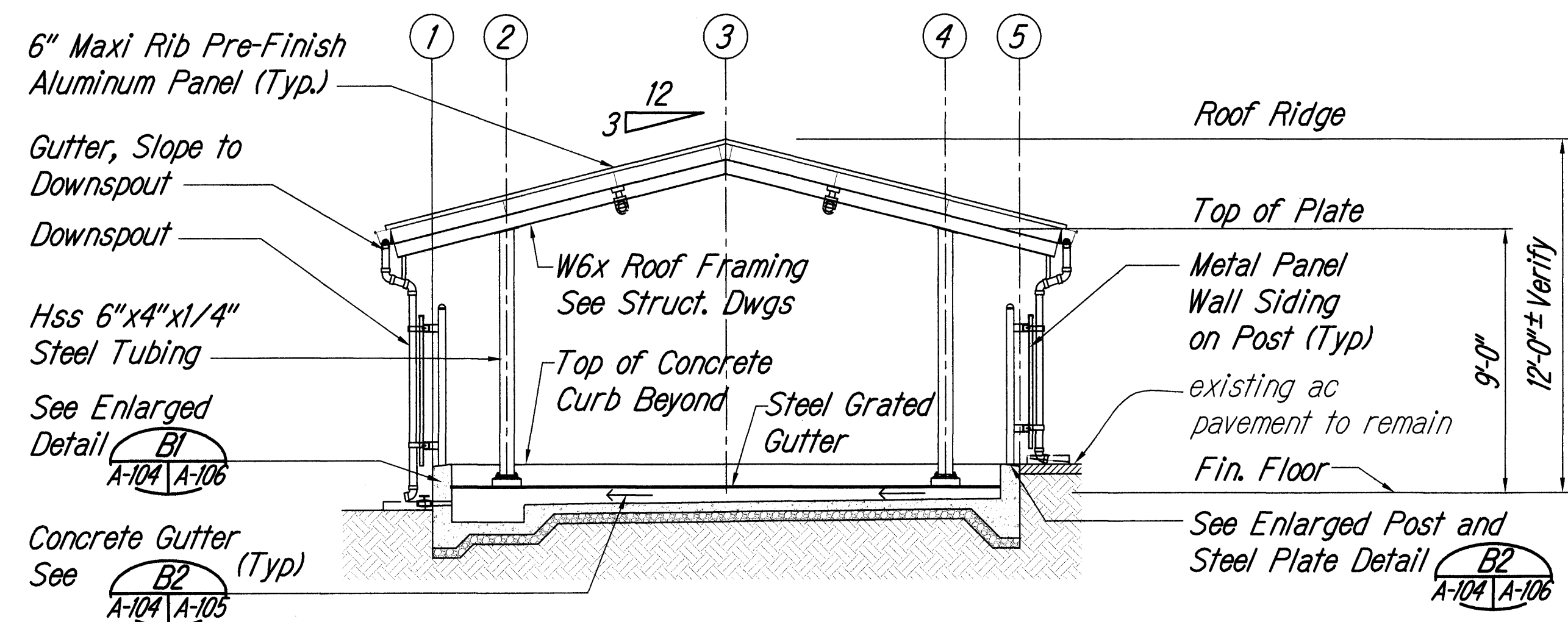
**ROOF FRAMING PLAN, ROOF PLAN
AND EXTERIOR ELEVATIONS**

KEANAE BASEYARD
MAINTENANCE and REPAIRS
Project No. HWY-M-06-06M

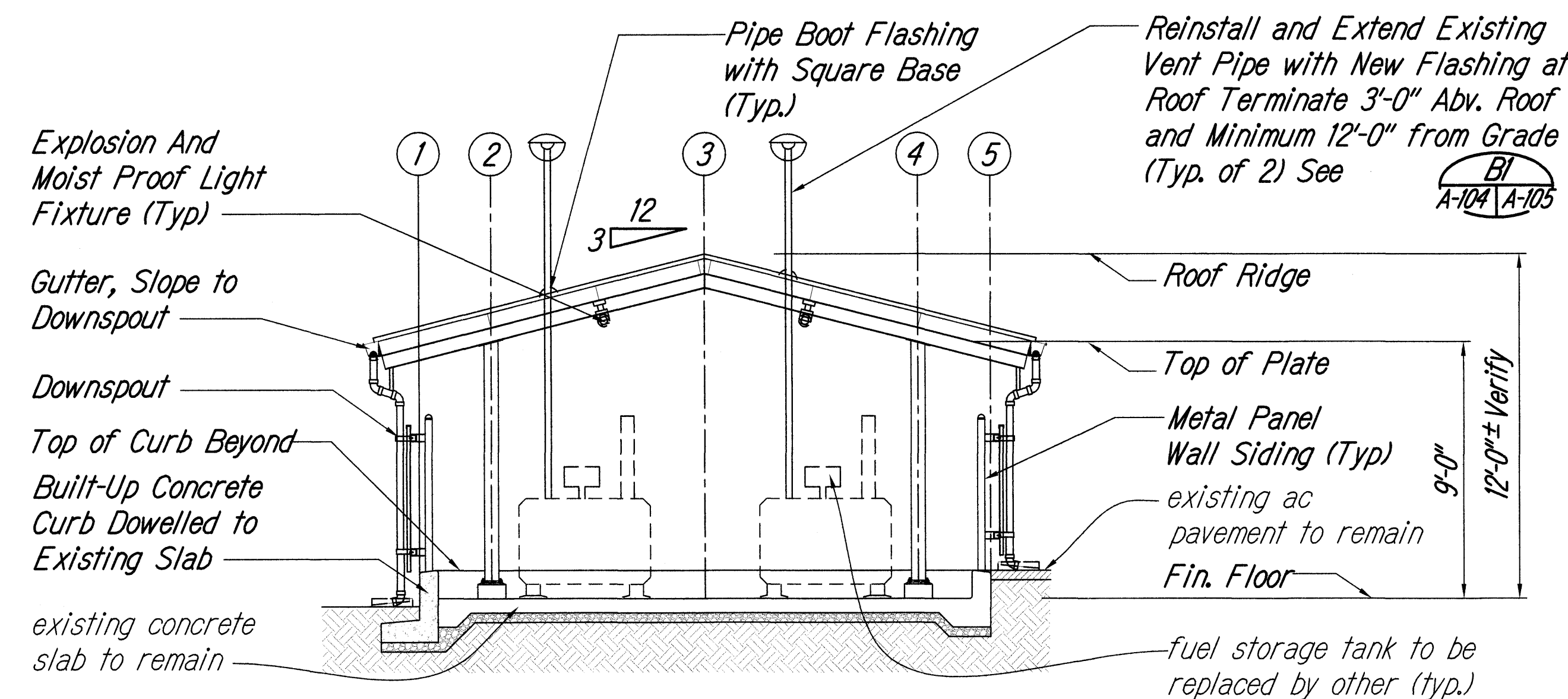
Scale: AS NOTED Date: APRIL 2010

SHEET No. A-103 OF 18 SHEETS

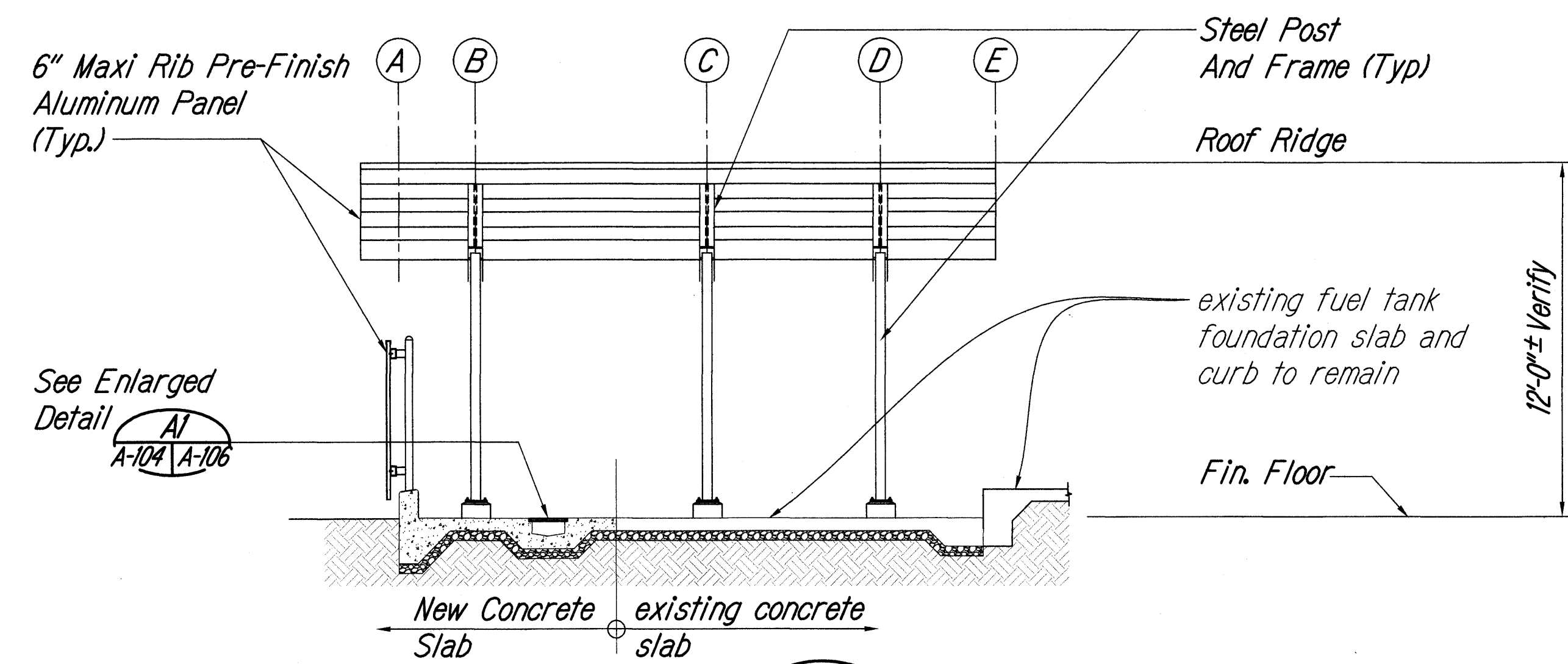
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-06-06M	2010	9	18



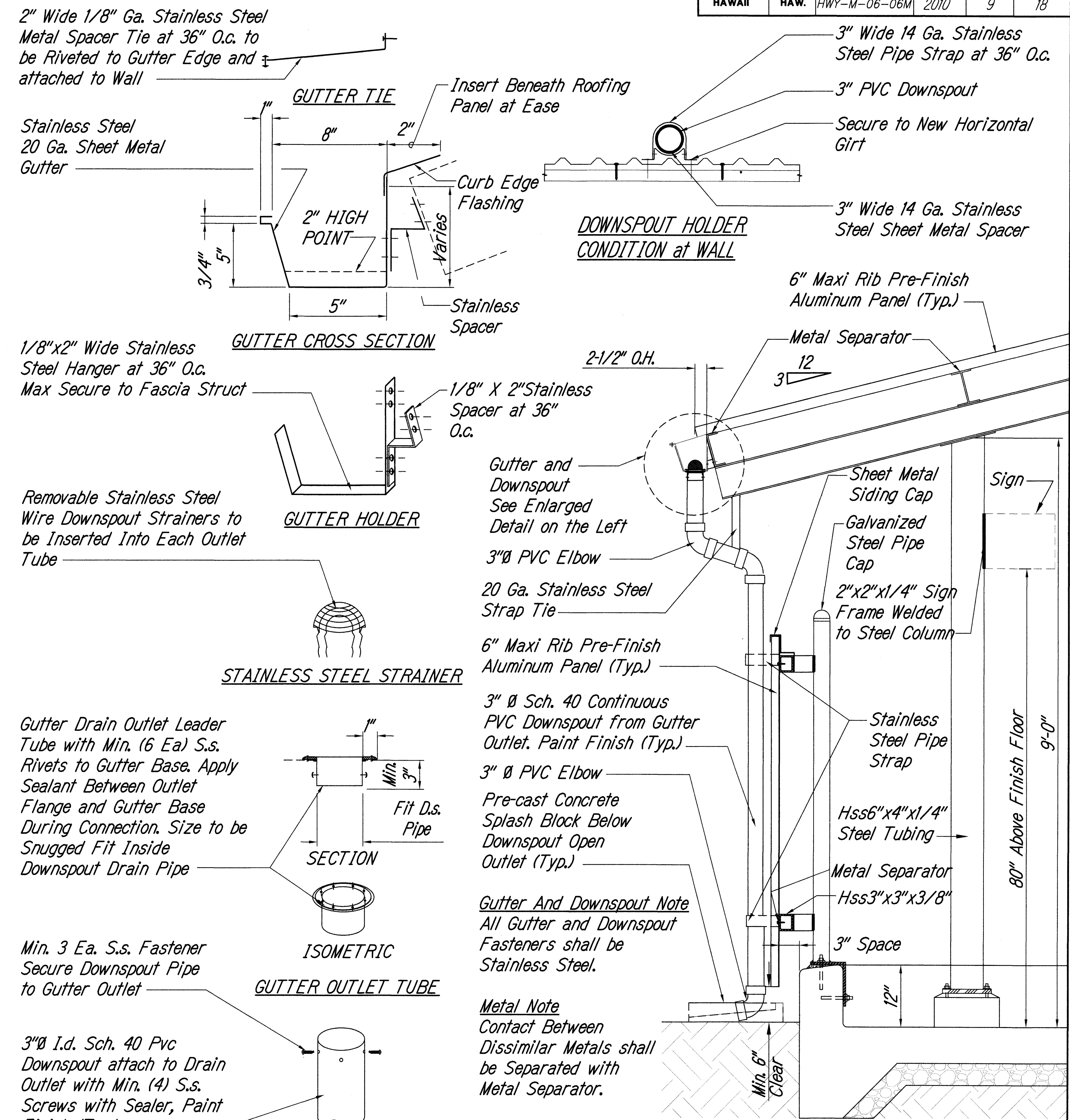
BUILDING CROSS SECTION AT FUEL SPILL HOLDING BASIN
Scale: 1/4" = 1'-0"
A-101, A-102, 103 A-104



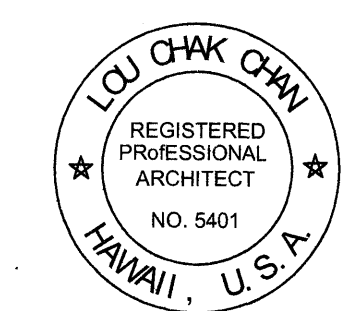
BUILDING CROSS SECTION AT FUEL TANK
Scale: 1/4" = 1'-0"
A-101, A-102, A-103 A-104



BUILDING CROSS SECTION
Scale: 1/4" = 1'-0"
A-101 A-104



GUTTER AND DOWNSPOUT DETAILS
Scale: 1/4" = 1'-0"
A-101, 103 A-104



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

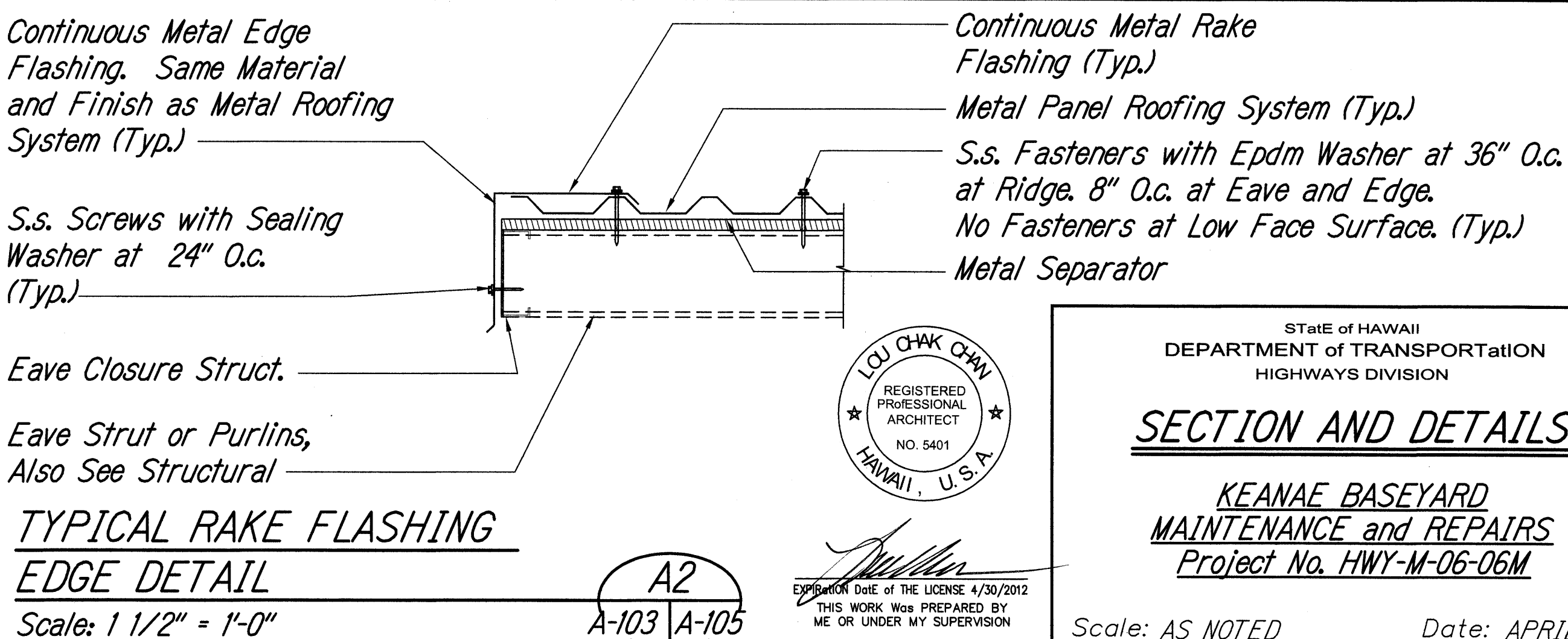
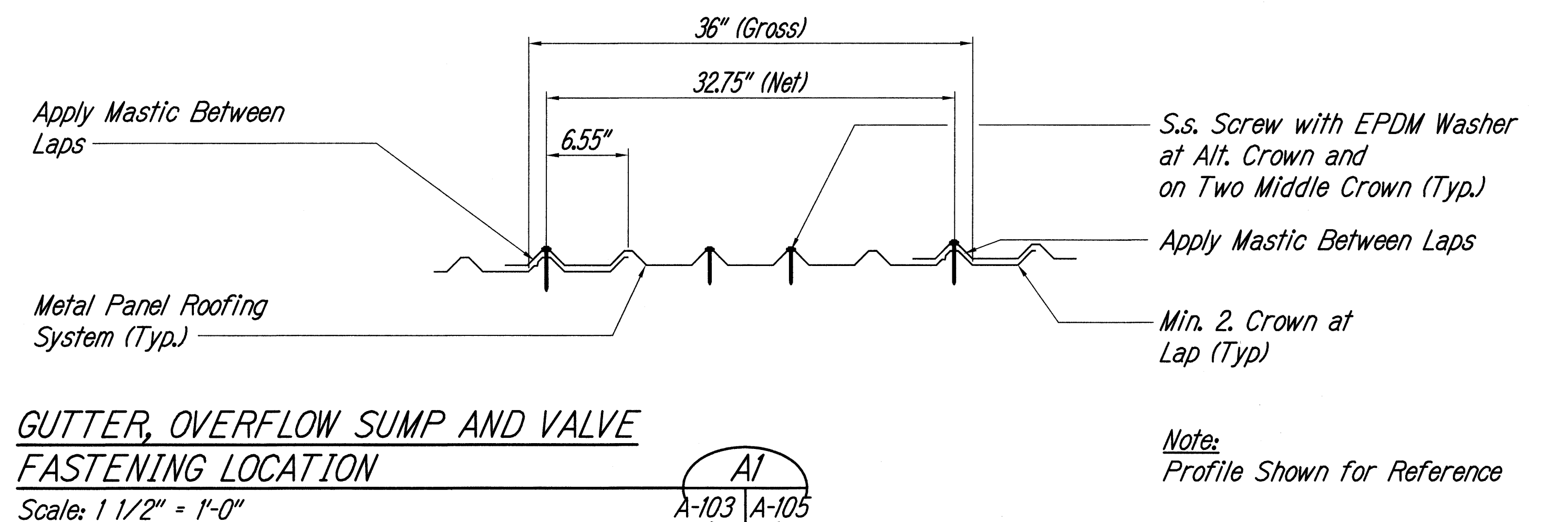
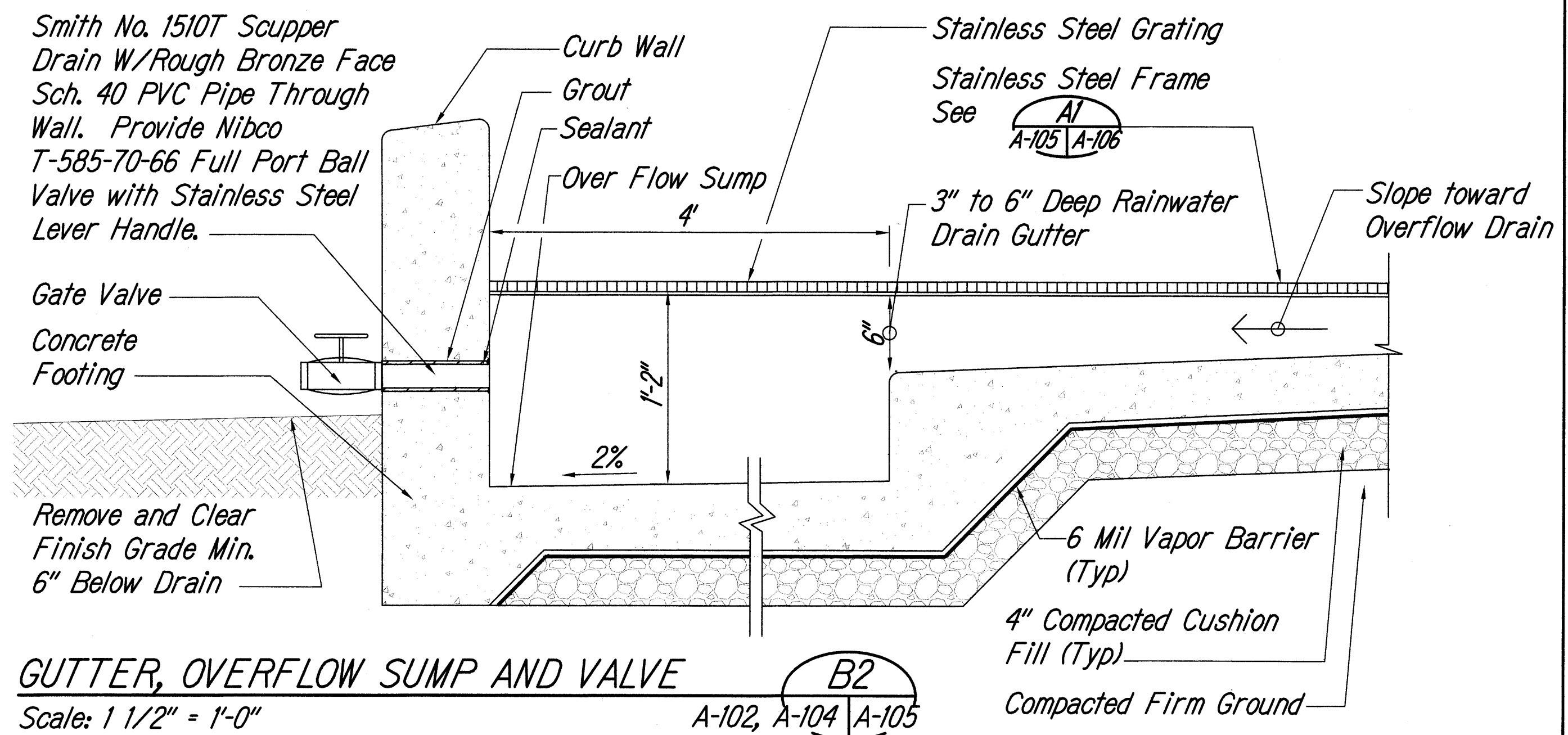
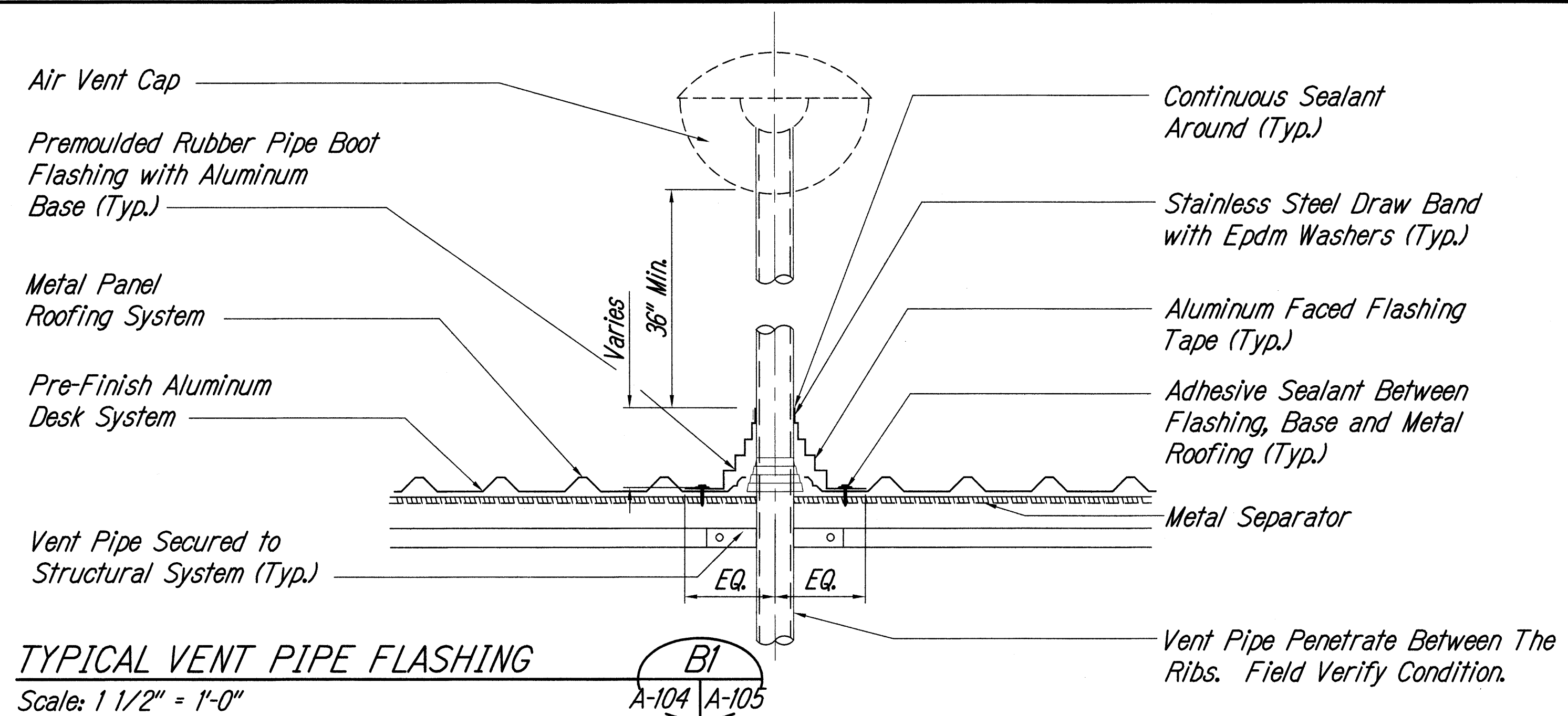
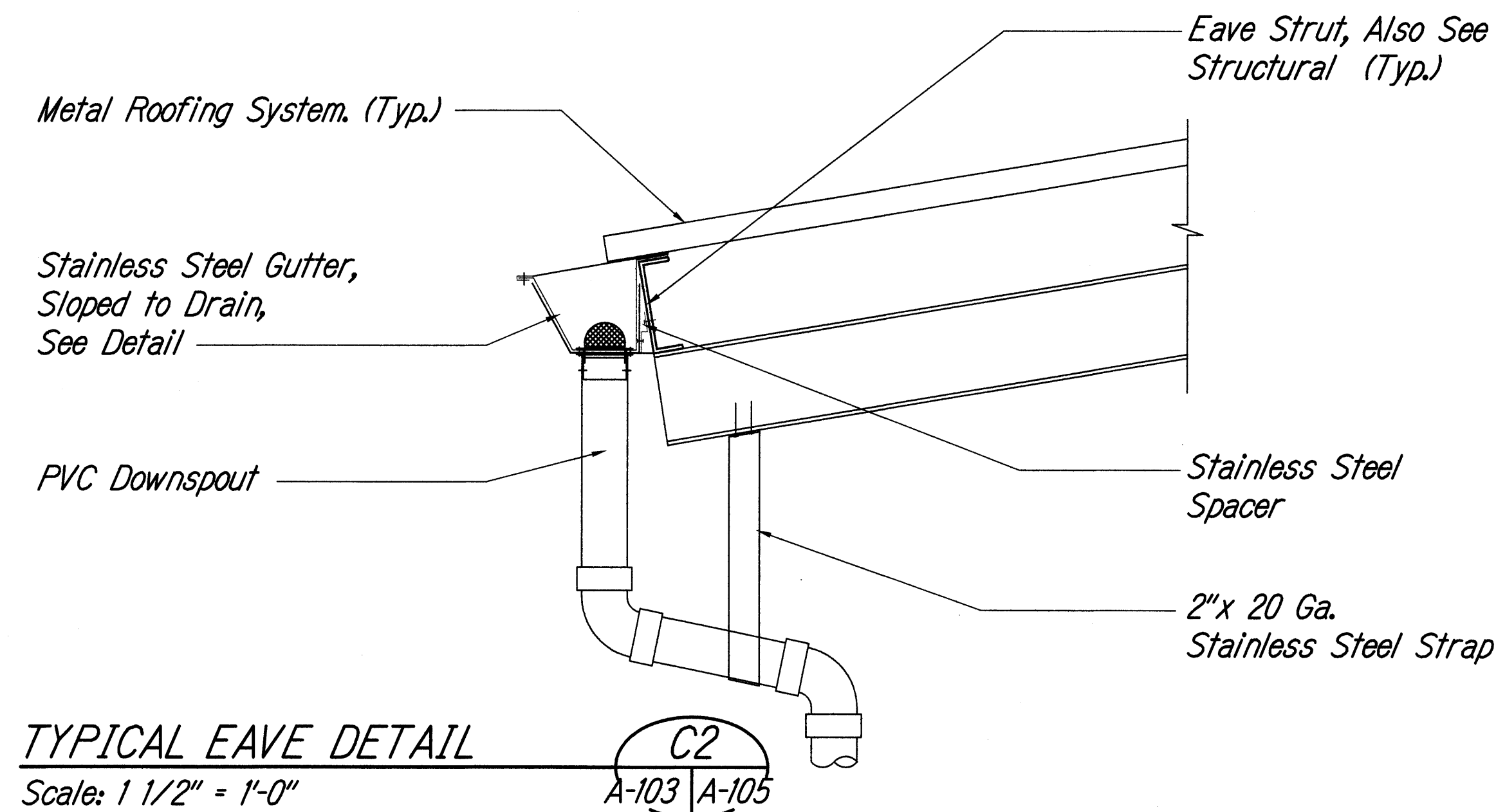
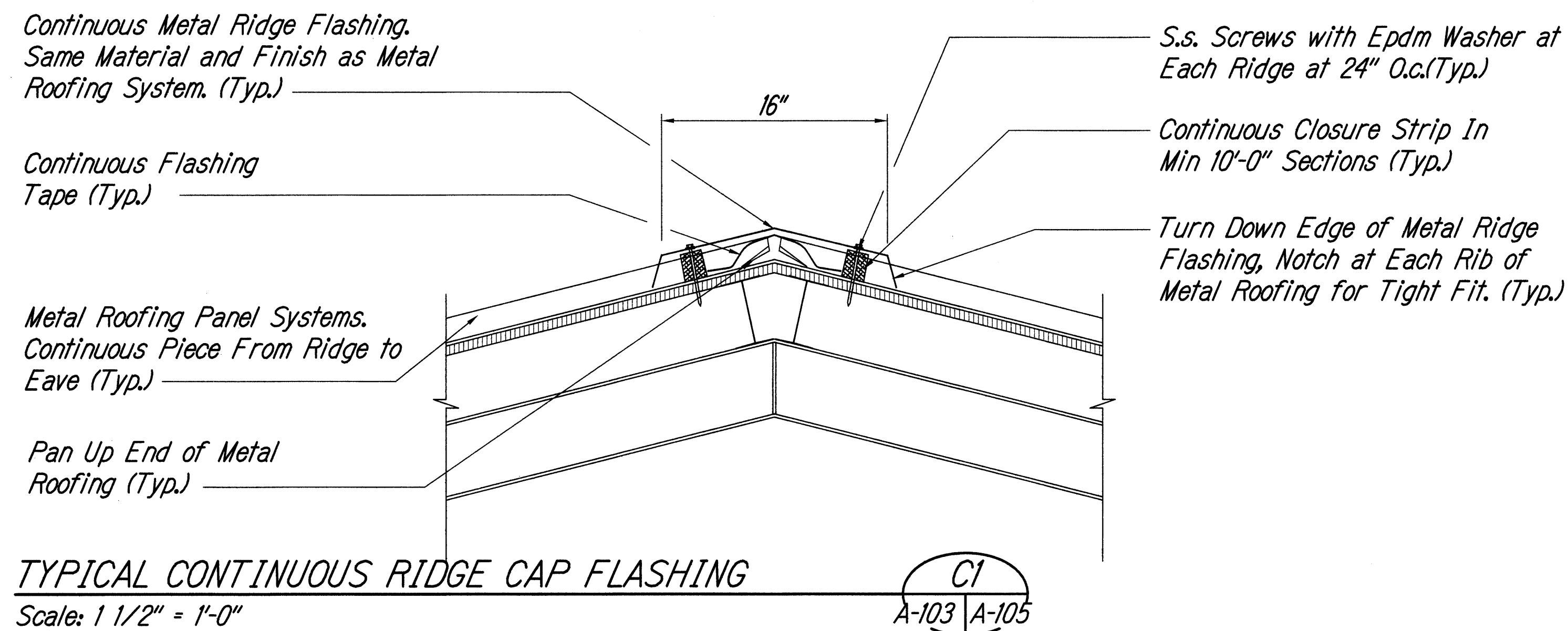
**BUILDING SECTIONS
AND DETAILS**
KEANAE BASEYARD
MAINTENANCE and REPAIRS
Project No. HWY-M-06-06M

Scale: AS NOTED Date: APRIL 2010

SHEET No. A-104 of 18 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	12/20/06
NOTED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	of TOTAL SHEETS
HAWAII	HAW.	HWY-M-06-06M	2010	10	18



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	07/20/08
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
NO.	



STATE of HAWAII

DEPARTMENT of TRANSPORTATION

HIGHWAYS DIVISION

SECTION AND DETAILS

KEANAE BASEYARD

MAINTENANCE and REPAIRS

Project No. HWY-M-06-06M

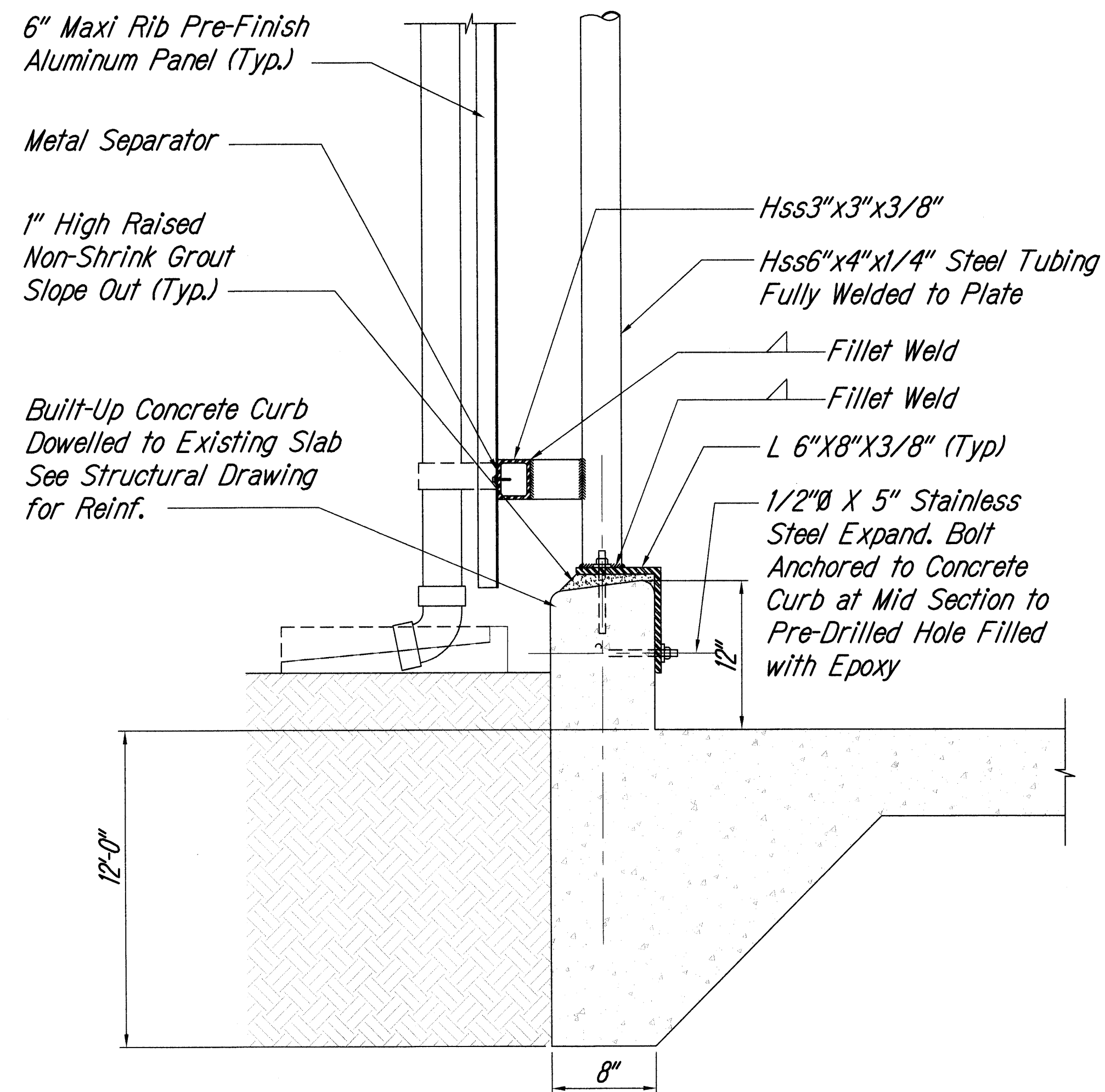
Scale: AS NOTED

Date: APRIL 2010

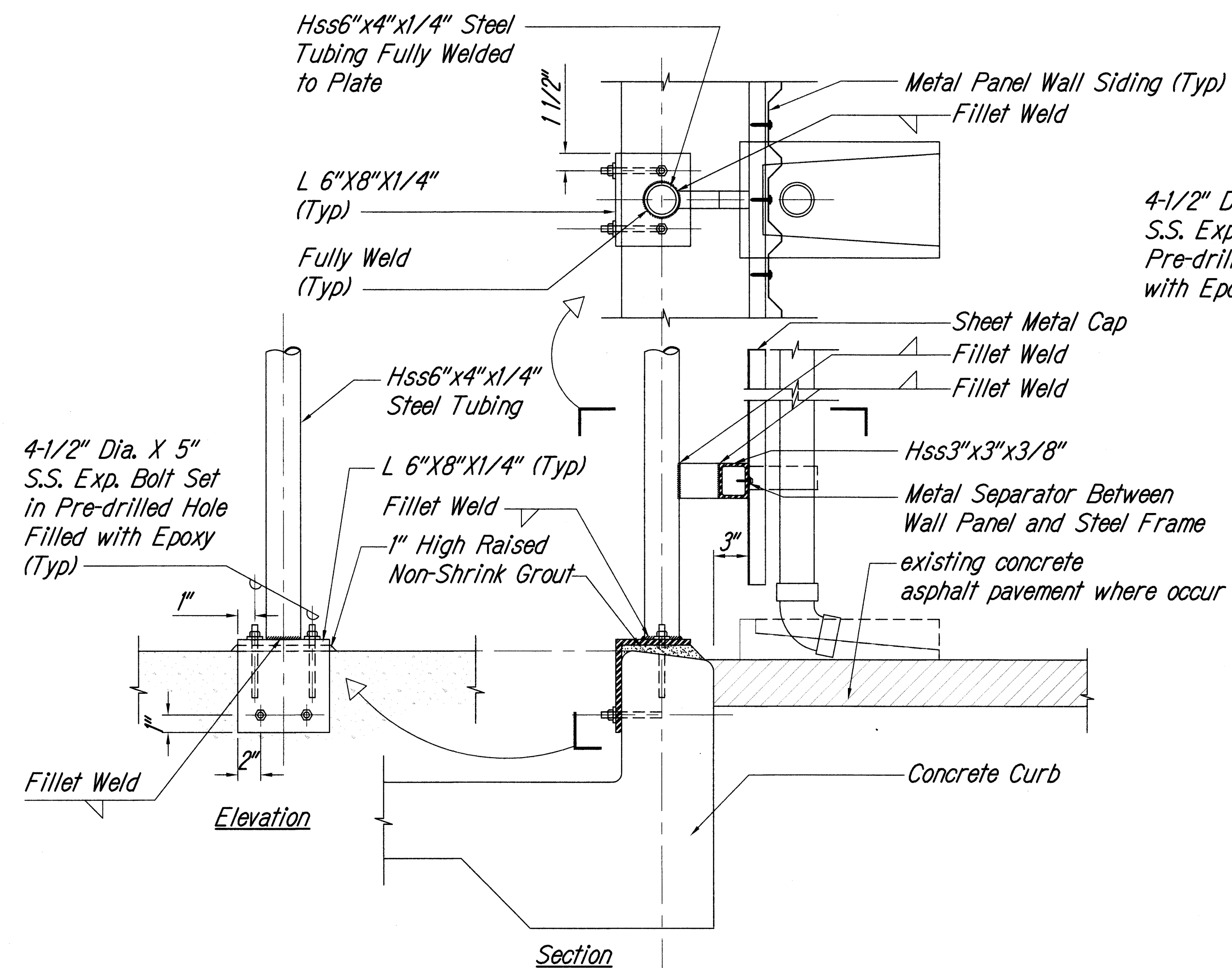
SHEET No. A-105 of 18

SHEETS

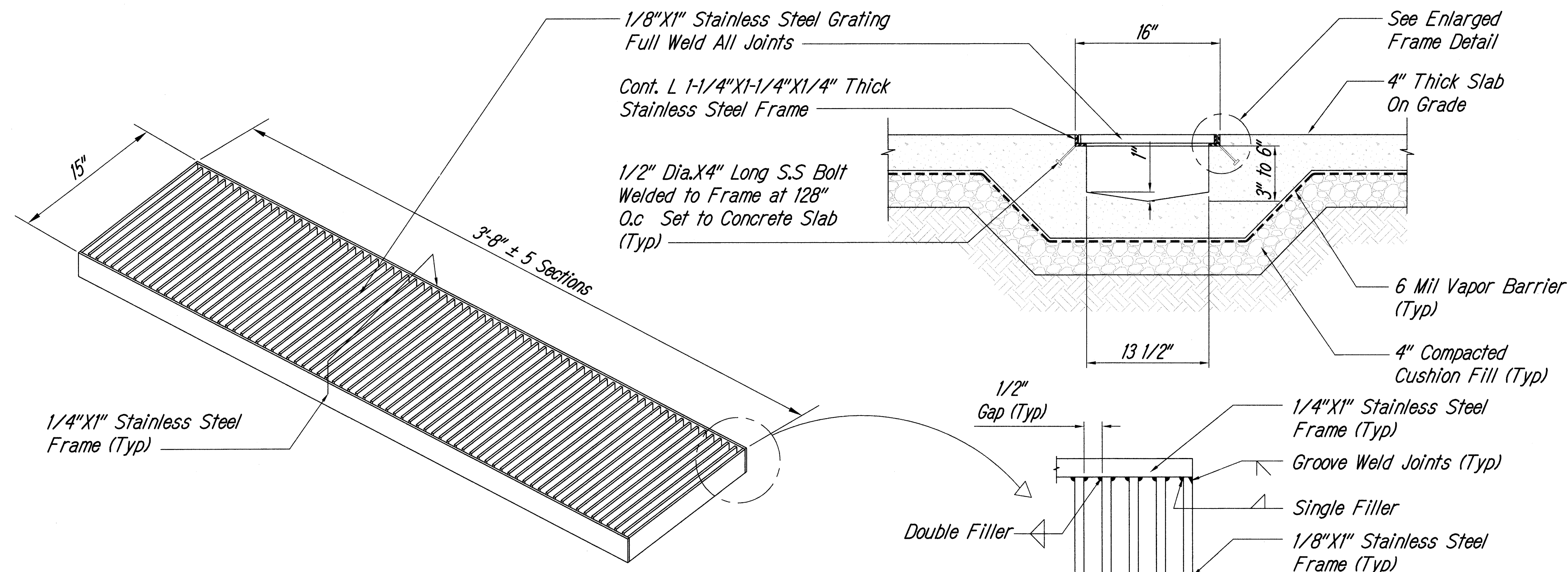
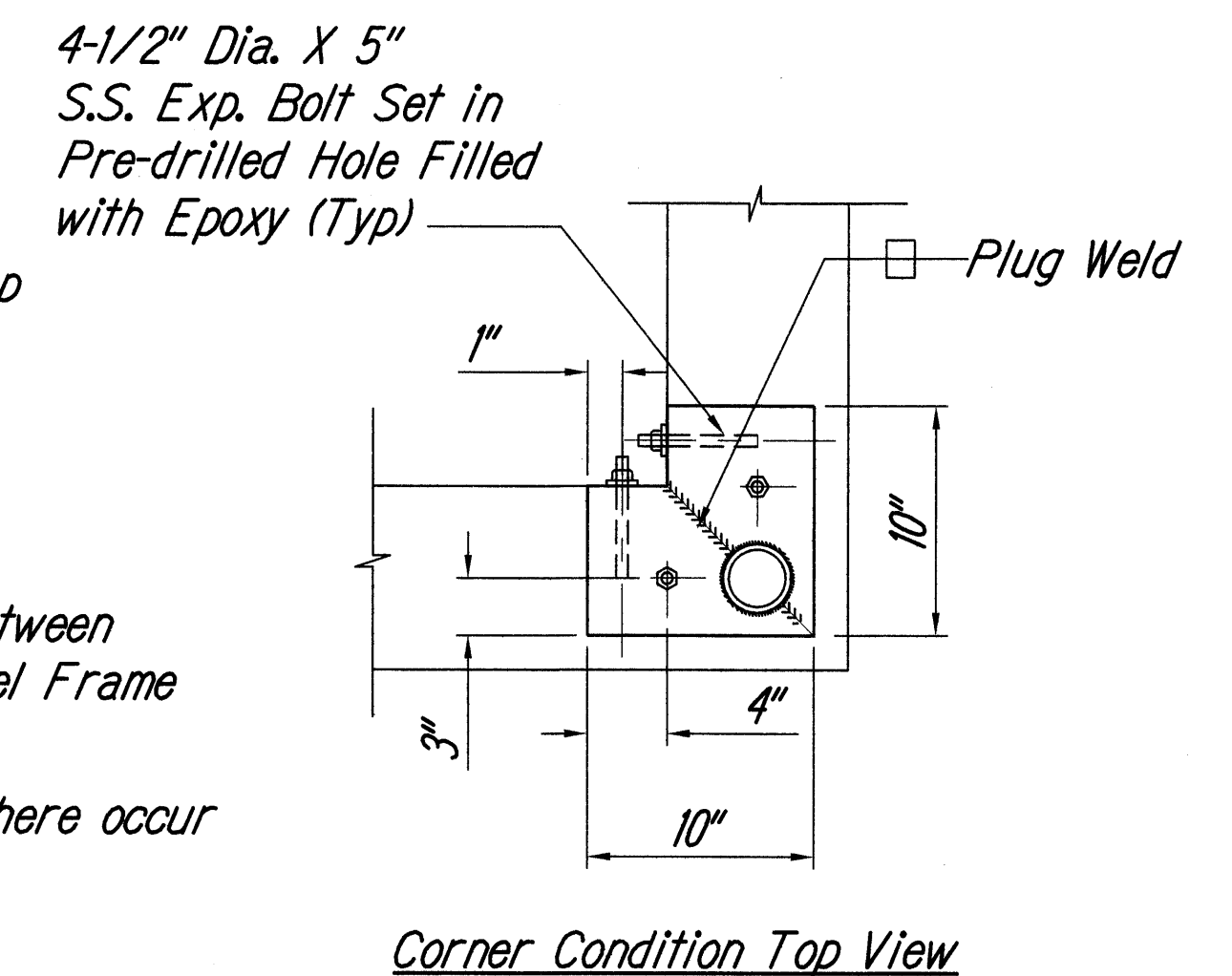
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-06-06M	2010	11	18



POST AND CONCRETE CURB DETAIL (B1)
Scale: 1 1/2" = 1'-0" A-104 A-106



POST AND STEEL PLATE DETAIL (B2)
Scale: 1 1/2" = 1'-0" A-104 A-106



S.S. GRATING DETAILS (A1)
Scale: 1 1/2" = 1'-0" A-102, A-104, A-105 A-106



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SECTION AND DETAILS

KEANAE BASEYARD
MAINTENANCE and REPAIRS
Project No. HWY-M-06-06M

Scale: AS NOTED Date: APRIL 2010

SHEET No. A-106 OF 18 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	8/20/06
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

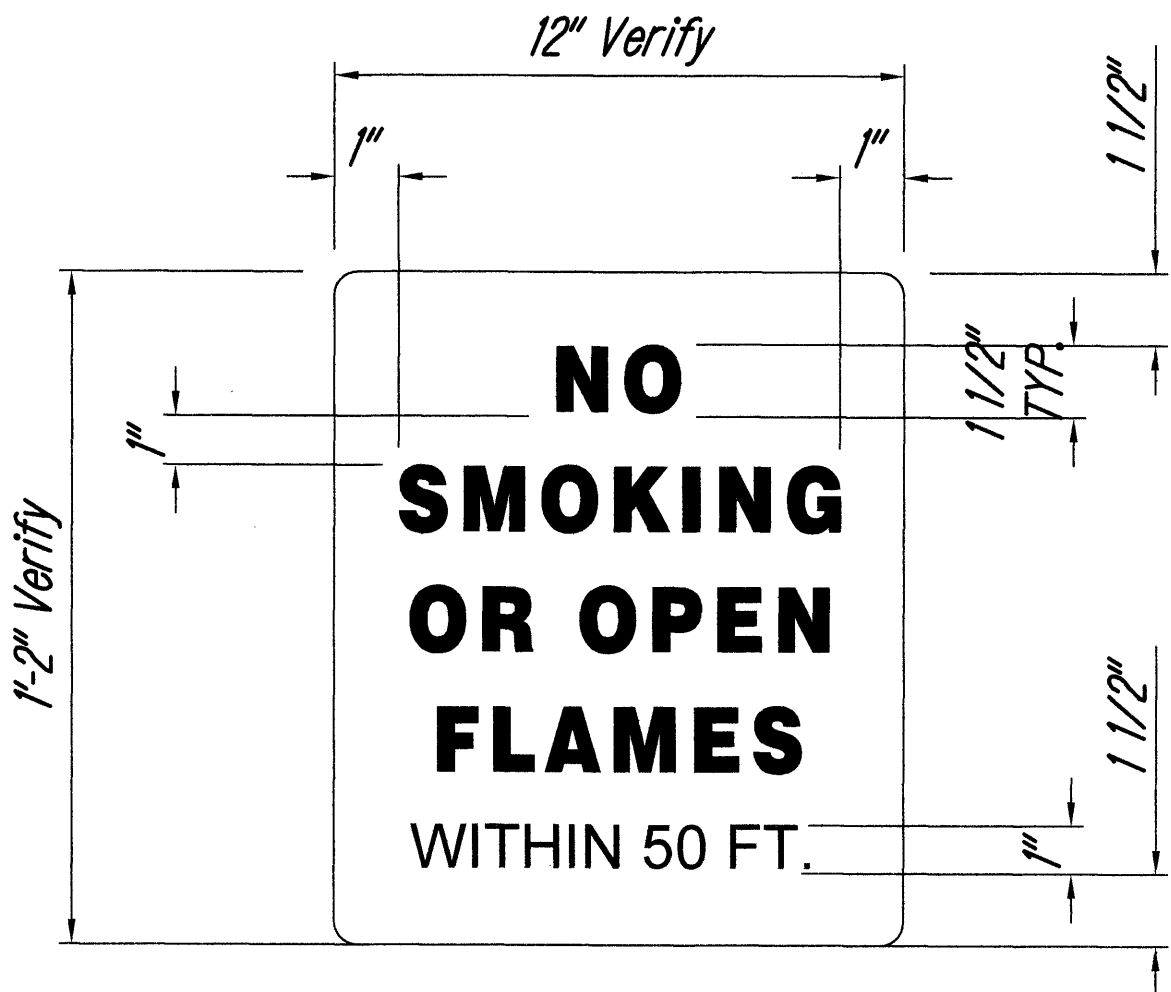
Steel Frame & Welding Requirements

1. All Structural Steel Door Framings including Tubings, Channel, Angles, Shapes and Plates shall Conform to asTM A-36. Bolts, Nuts shall Conform to asTM A307 and A325 for High Strength Structural Steel. Hardened Steel Washer shall be Provided Under All Nuts and Bolt.
2. Welding Symbols May Not Completely be Shown in Drawings for Clarity, All Steel Connections Except as Noted shall be Shop Welded Either Fillet or Butt Welds at Full Thickness and Along All Contacting Surfaces Whichever is Applicable, Field Weld Allow Only If Shop Weld is Not Practical and shall Keep to Minimum. All Field Weld Joints shall be Primed with Minimum Two Coats of Zinc Based Z.R.C. Primer before Painting.
3. All Weldings shall be Performed by Certified Welder(S); Welds shall Develop Full Strength of the Connecting Members. Contractor shall Hire and Paid for Certified Welding inspector for All Special Welding inspection to Certify All Weldings as Required by the Building Inspector or County Code.
4. All Structural Steel Tubes, Angles, Shapes, Plates, Nuts and Bolts and Other Accessories Except Stainless Steel, shall be Hot Dipped Galvanized After Fabrication. All Pre-Drilled Holes and Cut Out for Anchor Bolt and Hot Dipped, Open End and Vent Hole of Pipes and Tube shall be Plugged and Re-Welded. All Field Weld Joints and Plugs shall be Primed with Minimum Two Coats of Zinc Based Z.R.C. Primer before Painting.
5. All Structural Steel Items including Purlin Struct and Beam Column and Plate shall be Hot Dipped Galvanized, Primed and Painted.
6. All Pre-Drilled Holes in Concrete/Masonry shall be Filled with Non-Shrink Epoxy-Tie Adhesive (Et by Simpson or Equal) Prior to the Setting of Anchor Bolts, All Voids inside Existing Concrete/Masonry shall be Solid Grouted.
7. All Stainless Steel Sheet Metal, Stainless Steel Bolts and Nuts shall be A316 L Marine Grade

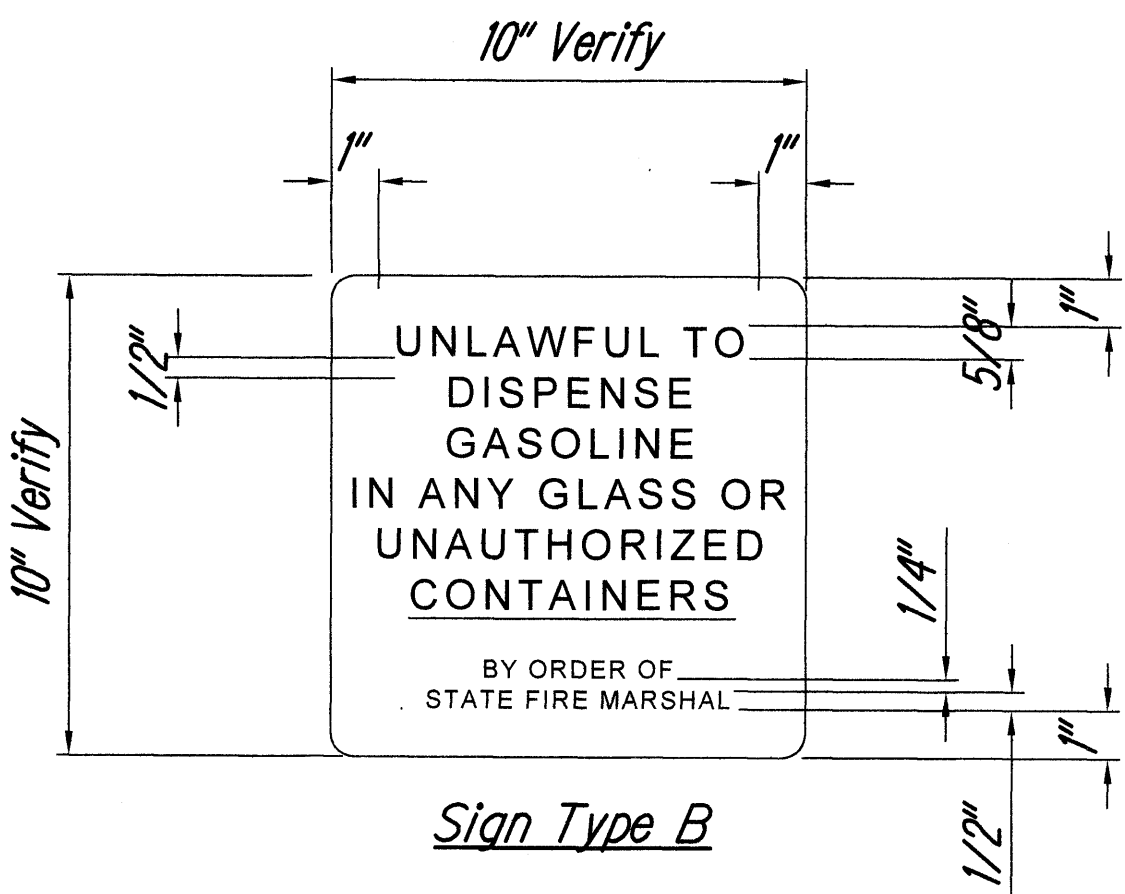
Finish Schedule

Description	Material	Finish Color	Remarks
Roofing	6" Maxi Rib Aluminum	Patina Green	
Siding	6" Maxi Rib Aluminum	Patina Green	
Purlin and beam	Galvanized Steel	White	Hot Dipped Galvanized After Fabrication
Column and Plate	Galvanized Steel	White	Hot Dipped Galvanized After Fabrication
Concrete Edge, Bollard		4" Wide Safety Yellow	
Gutter	A316 S.S Sheet		Stainless Steel
Downspout	PVC	Match Existing Building	Painted SCH 80 PVC Pipe

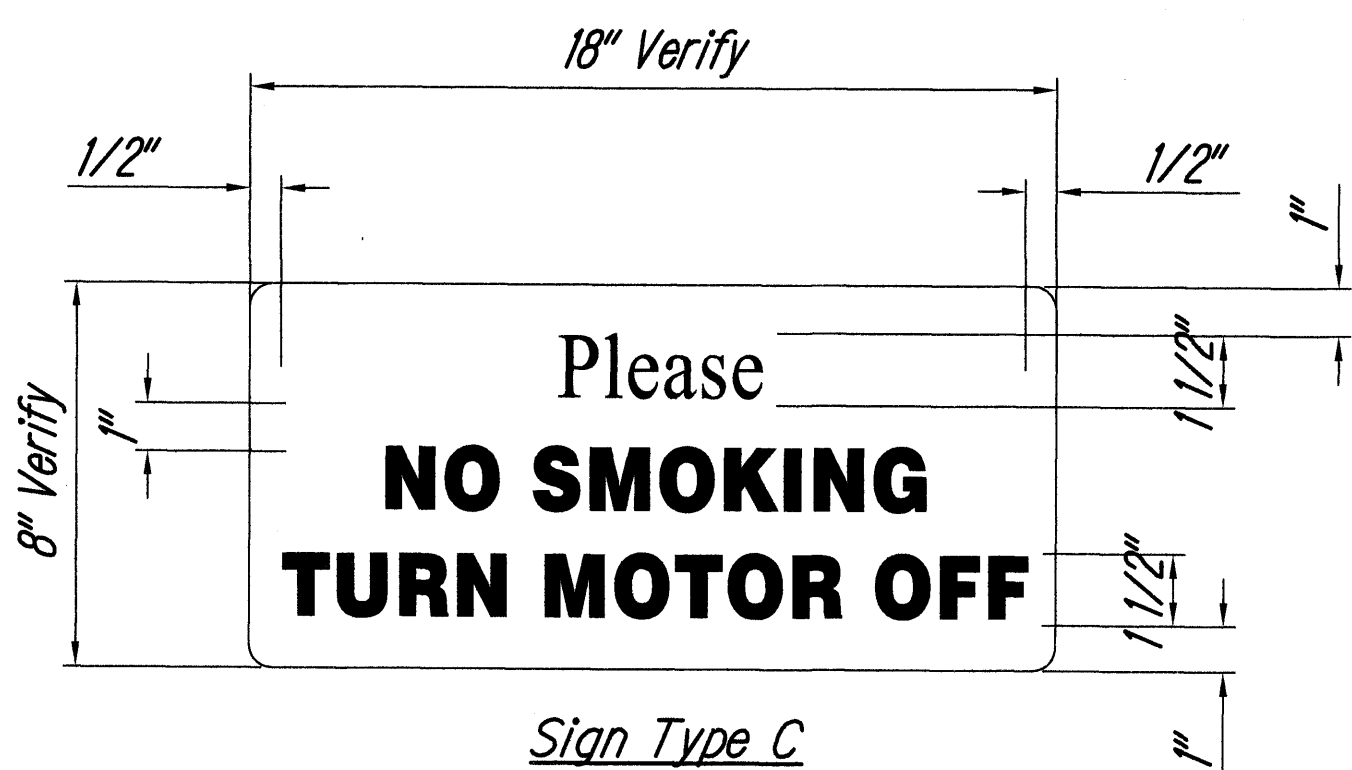
Signage Type and Size



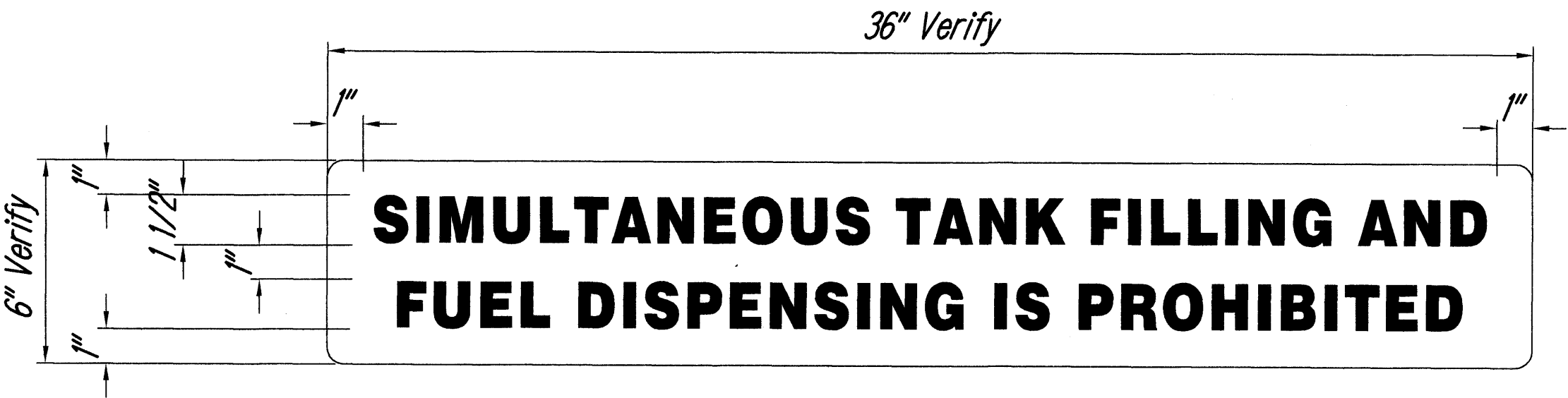
Sign Type A



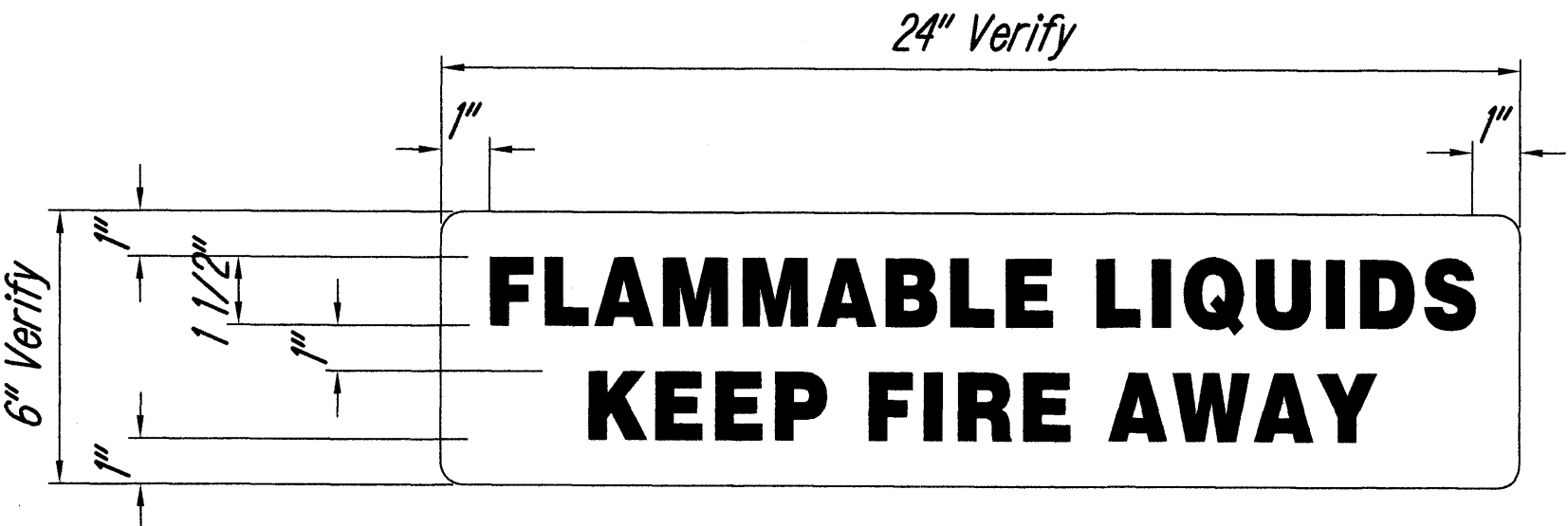
Sign Type B



Sign Type C



Sign Type D



Sign Type E

1. Contractor shall be Responsible to Verify Text Height and Color to Match Existing Signage
2. Contractor shall be Responsible to Field Verify All Mounting Height and Locations. All Signs shall be Mounted to Post Column and Rafter Set the Bottom of Sign at Minimum 80" Above Finish Floor.
3. Contractor shall be Required to Obtain the Final Approval From DOT-Highways Division and Project Engineer for Final Approved Text and Finish Color.
4. All Fasteners shall be Corrosion Resistant Marine Grade 316 Stainless Steel.
5. Provide Metal Separator between Dissimilar Metals.

original PLAN	SURVEY PLOTTED by	Date
NOTE BOOK	DESIGNED by	
QUANTITIES by		
CHECKED by		



STATE of HAWAII
DEPARTMENT of TRANSPORTATION
HIGHWAYS DIVISION

**FINISH AND SIGNAGE
SCHEDULE**

KEANAE BasEYARD
MAINTENANCE and REPAIRS
Project No. HWY-M-06-06M

Scale: as NOTED Date: APRIL 2010

SHEET No. A-107 of 18 SHEETS