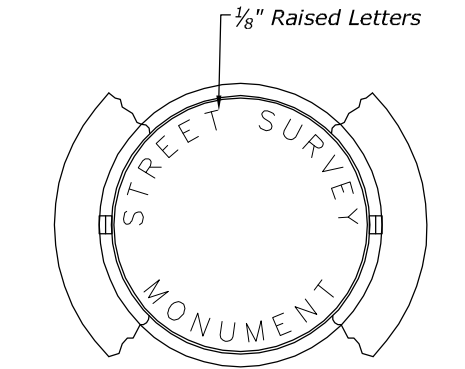
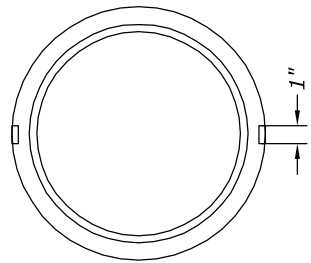


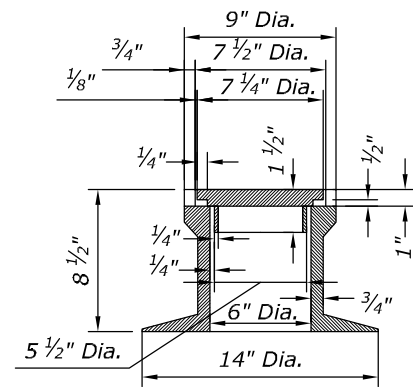
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TOP VIEW OF COVER
AND PORTION OF FRAME

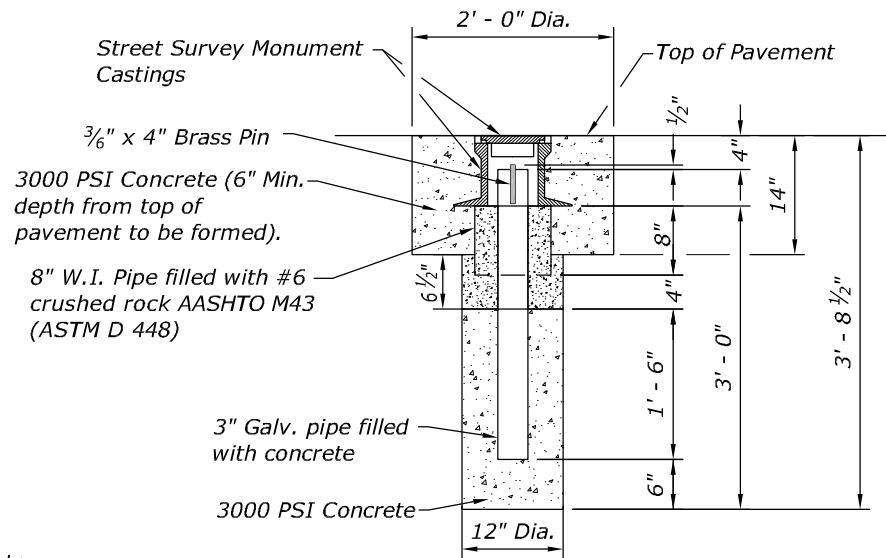


BOTTOM OF COVER



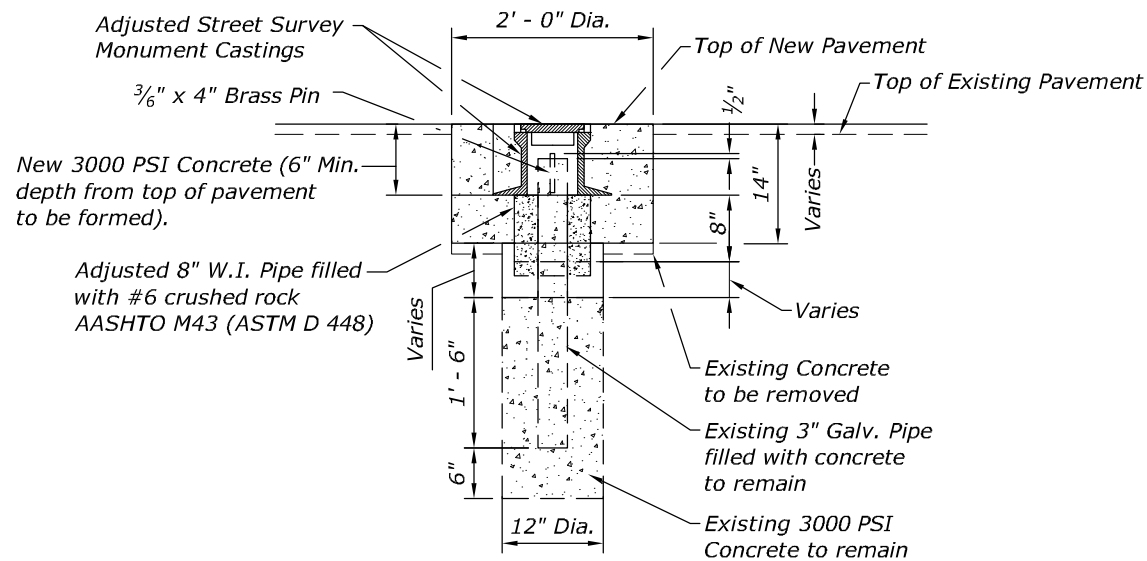
SECTIONAL VIEW OF
FRAME AND COVER

STREET SURVEY MONUMENT CASTING

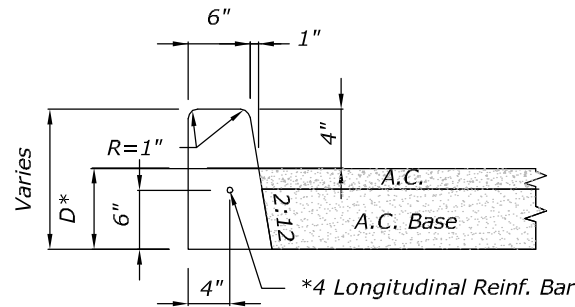


Note:
Where the excavation extends into solid rock the depth may be decreased if approved by the Engineer.

STREET SURVEY MONUMENT

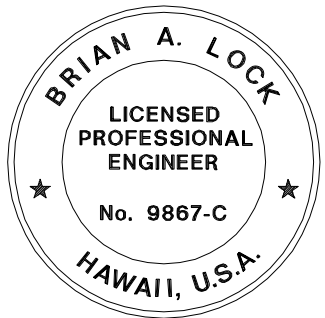


DETAIL FOR
RECONSTRUCTED SURVEY MONUMENT



- Note:**
- The top of all types of concrete curbs, including driveway curbs shall be longitudinally broom finished.
 - For A.C. pavement areas, D equals to thickness of A.C. + A.C. Base but not less than 10".
 - Concrete shall be 3000 PSI.

CAST-IN-PLACE CONCRETE CURB



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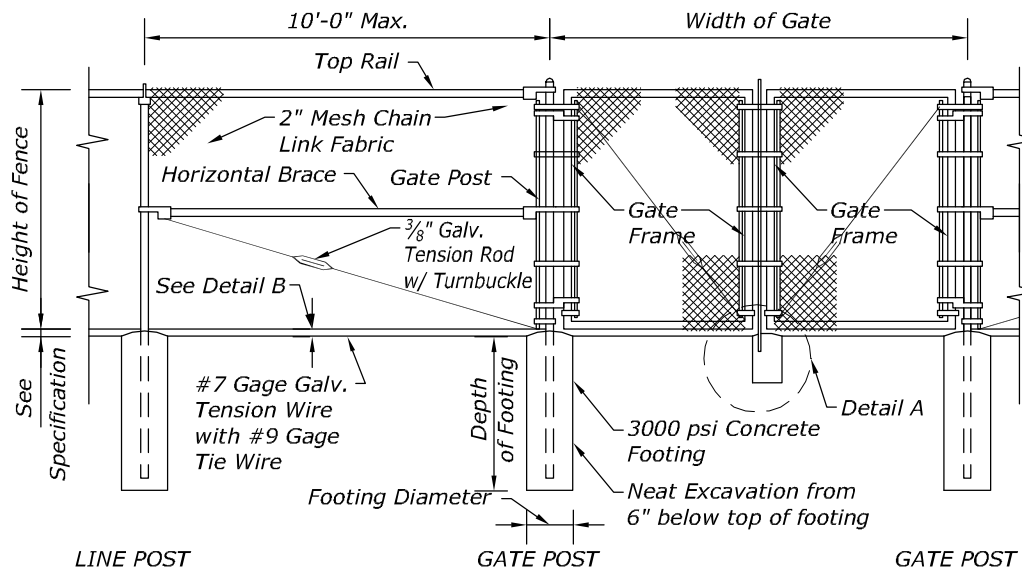
U.S. CUSTOMARY SPECIAL

ROADWAY DETAILS

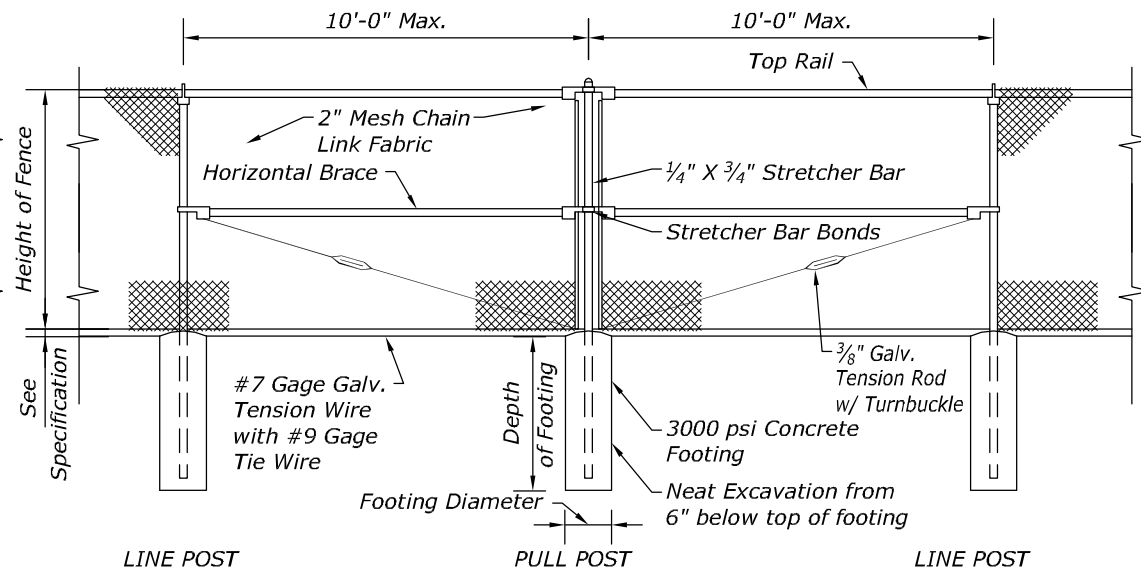
SPECIAL

No Scale

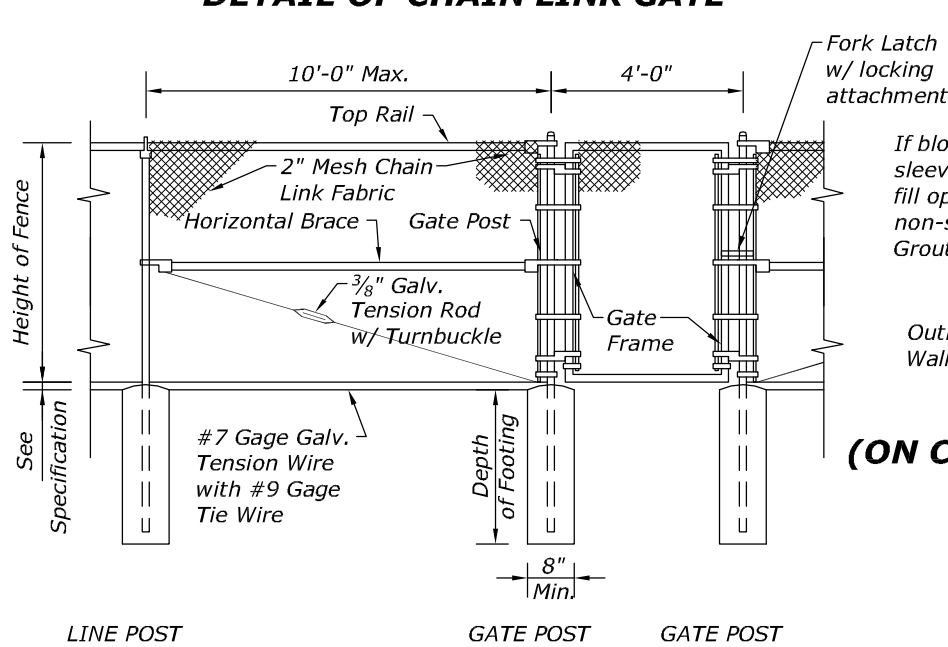
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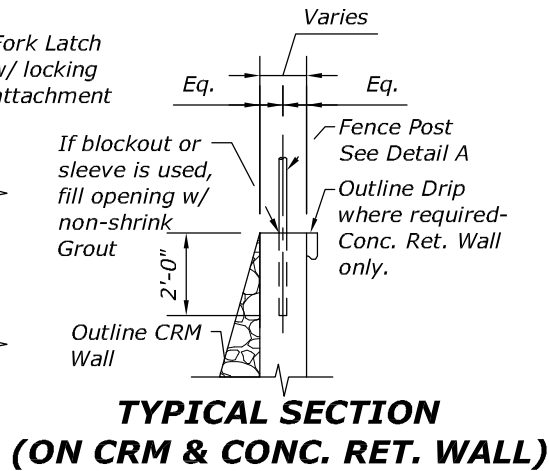
DETAIL OF CHAIN LINK GATE



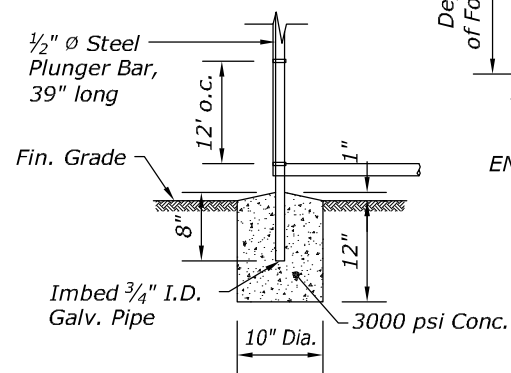
TYPICAL SECTION (WITH CONCRETE FOOTING)



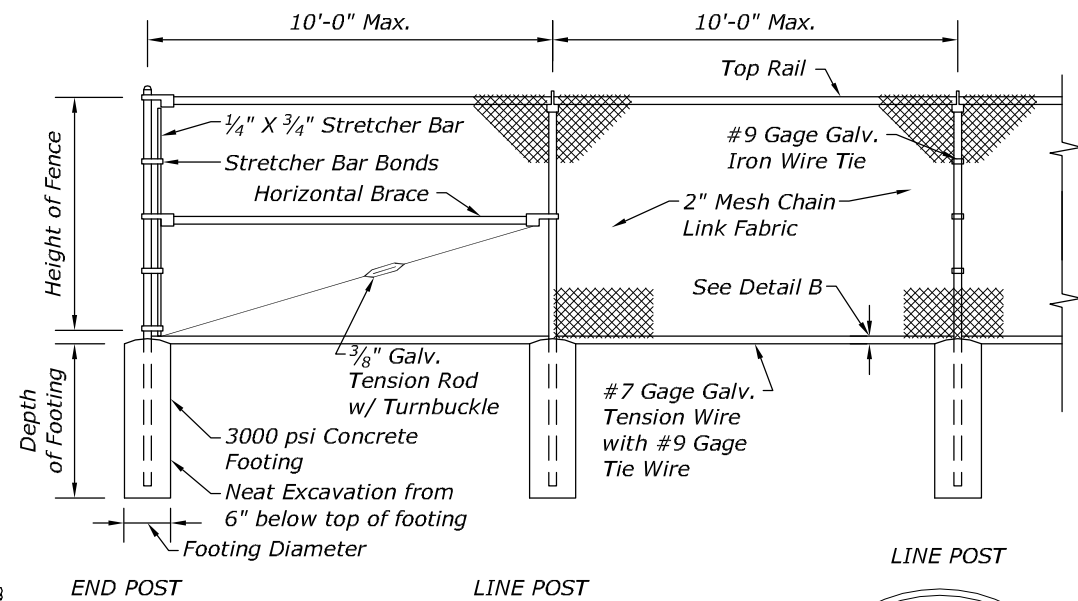
DETAIL OF 4'-0" CHAIN LINK GATE



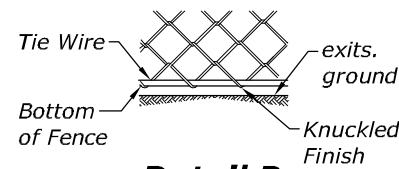
TYPICAL SECTION (ON CRM & CONC. RET. WALL)



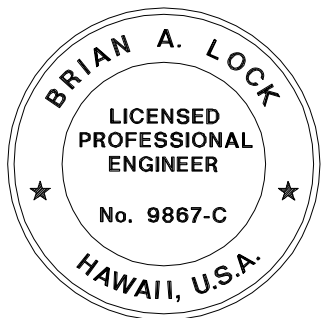
Detail A



CHAIN LINK FENCE DETAILS



Detail B



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ROADWAY DETAILS

SPECIAL

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DRAWING NO.:

GENERAL NOTES:

A. MATERIALS

- Chain link fabric, fittings, and hardware shall conform to AASHTO M181.
- Tension wire shall have a minimum of two ounces of zinc coating per square feet.

B. FOUNDATION

- Shaft head deflection is limited to 1/2 inch or less.
- Factor of safety - 2.
- Lateral loading is based on 10 psf over the fence area.
- Average unit weight of soils used:
 - Sands and gravels - 120 pcf
 - Stiff Clay - 105 pcf
 - Rock - 140 pcf
- Friction Angle
 - Sands and gravels = 33 degrees
- Cohesion
 - Stiff Clay = 1000 pcf
 - Rock = 5000 pcf
- Soil Modulus
 - Sands and gravel = 90 pci
- Ground condition is assumed to be level.

C. CONSTRUCTION NOTES

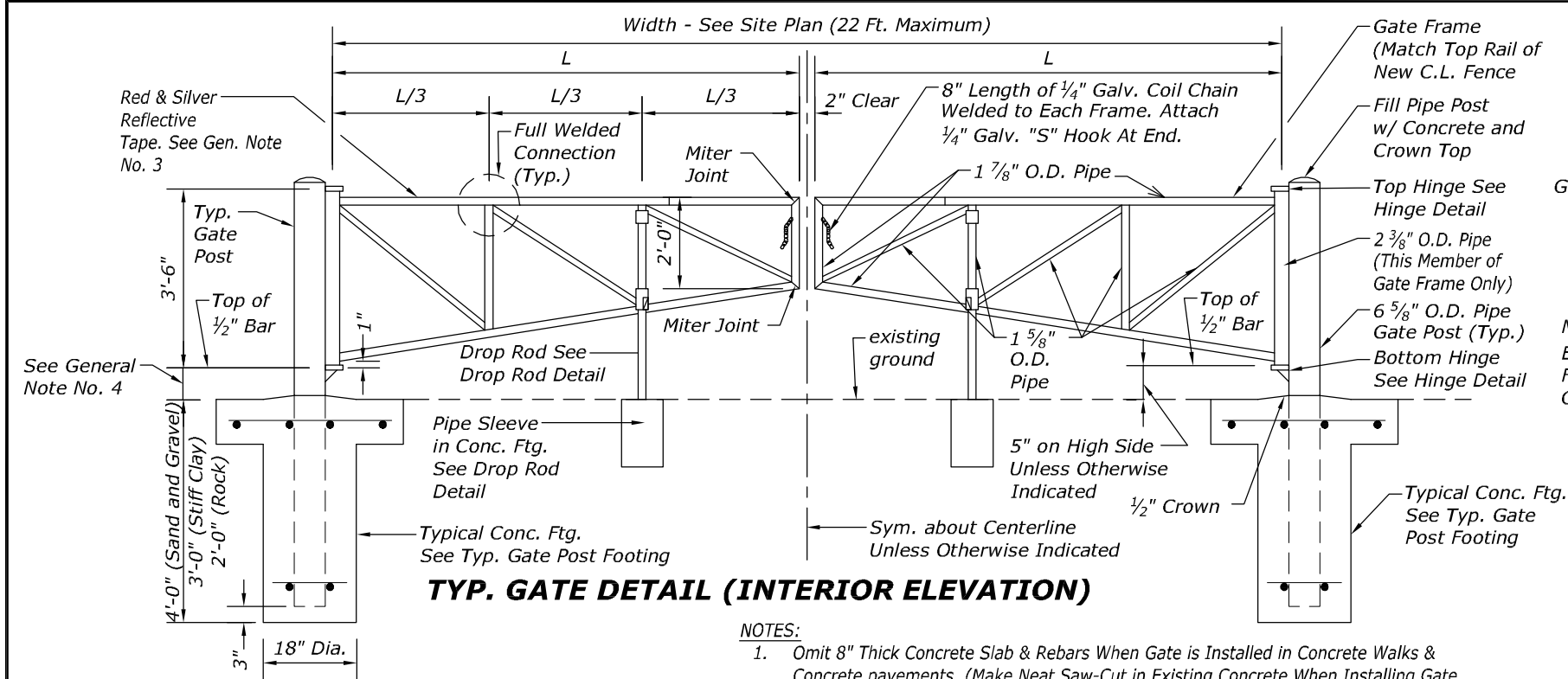
- Gate frames shall be mitered and welded at corners.

D. GENERAL

- Payment for sleeves and grout shall be incidental to cost of fence.
- Gate fork latch and lock, flush plate and anchor, and plunger shall be installed with gates, and shall be considered as incidental to chain link fence gate.
- Entire footing shall be located within State right-of-way.
- See T63 for additional notes.
- Chain link fence with top rail shall not be used within clear zone.

Height of Fence	Soil Type: Sand & Gravel Minimum Depth of Footing		Soil Type: Stiff Clay Minimum Depth of Footing		Soil Type: Rock Minimum Depth of Footing		Minimum Footing Diameter	
	Line Post	Corner, Pull, End and Gate Posts	Line Post	Corner, Pull, End and Gate Posts	Line Post	Corner, Pull, End and Gate Posts	Line Post	Corner, Pull, End and Gate Posts
3'	3'-6"	3'-6"	2'-6"	2'-6"	1'-0"	1'-0"	8"	8"
4'	3'-6"	3'-6"	2'-6"	2'-6"	1'-0"	1'-0"	8"	8"
5'	4'-0"	4'-0"	3'-0"	3'-0"	1'-6"	1'-6"	8"	8"
6'	4'-0"	4'-0"	3'-0"	3'-0"	1'-6"	1'-6"	8"	8"

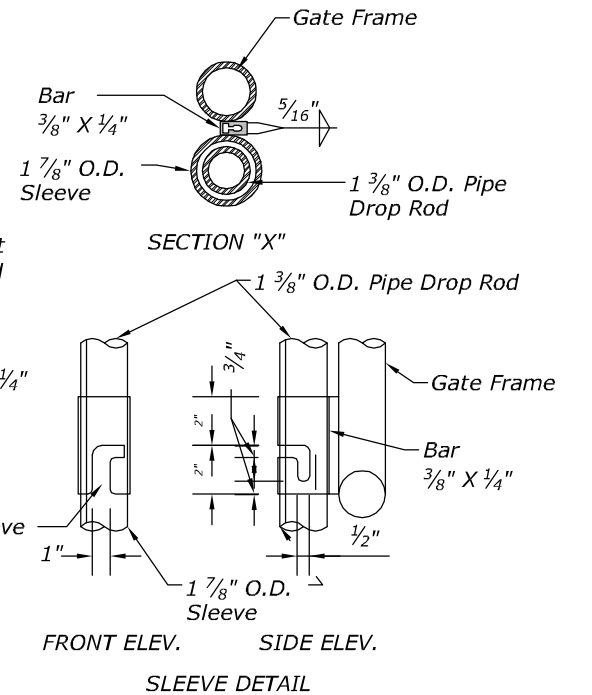
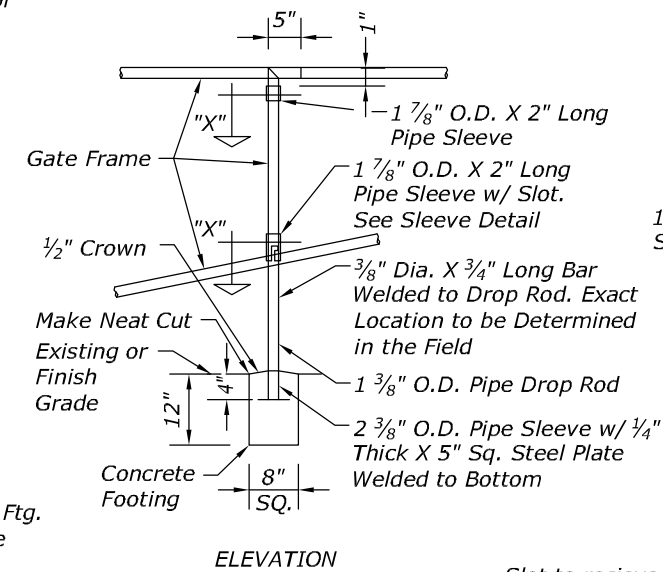
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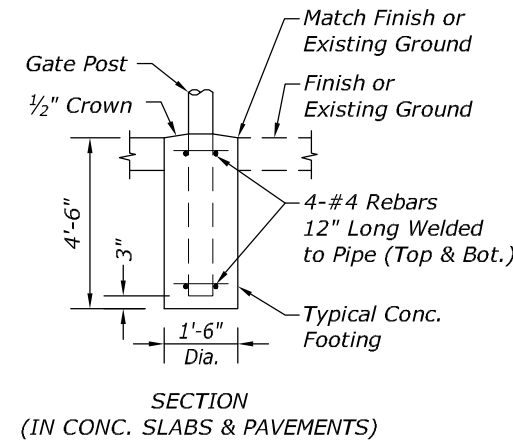
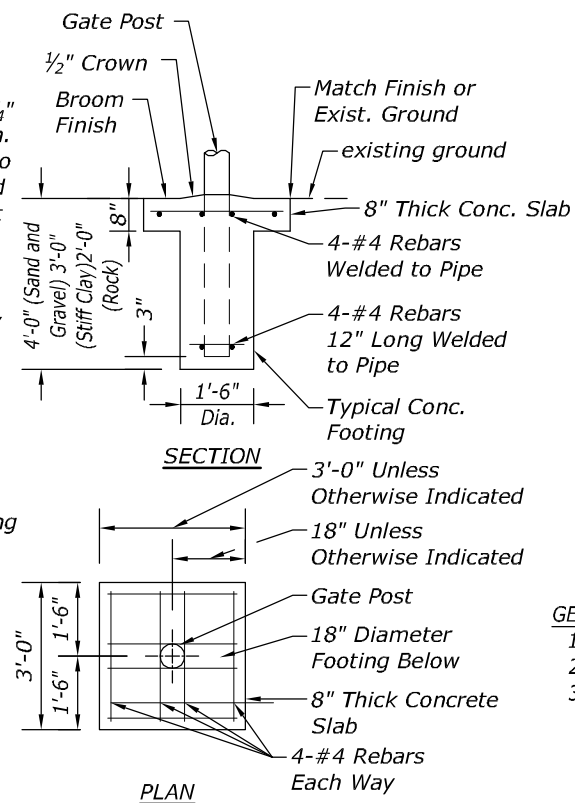
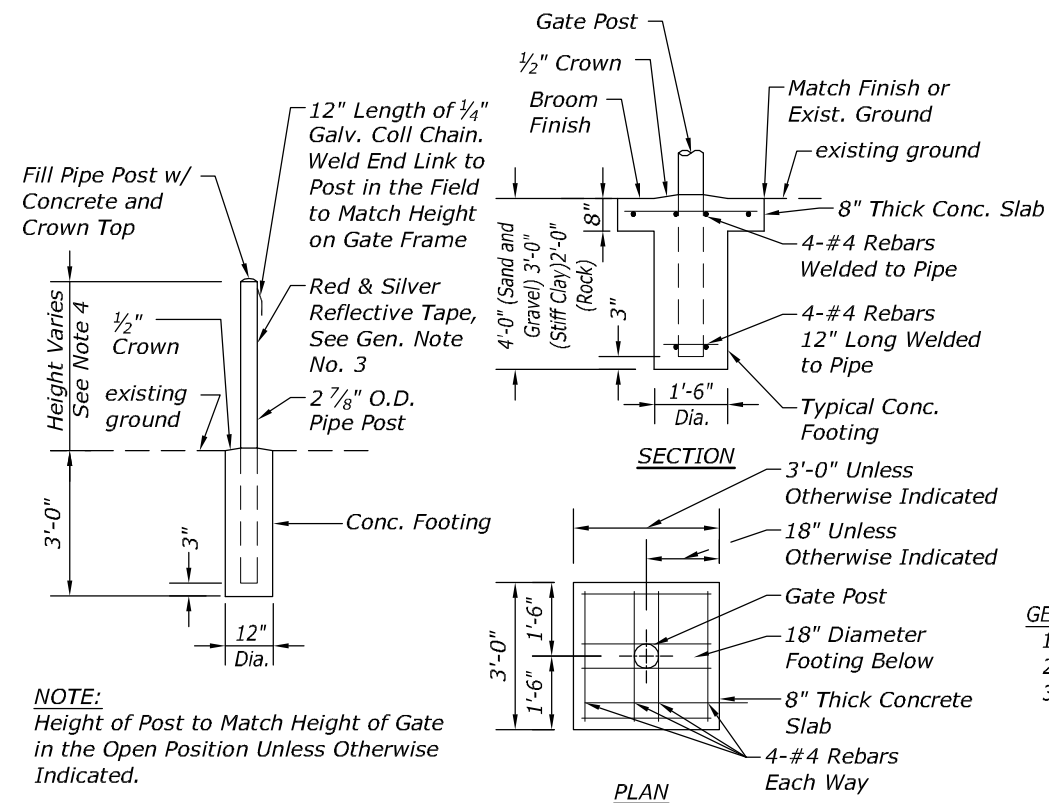
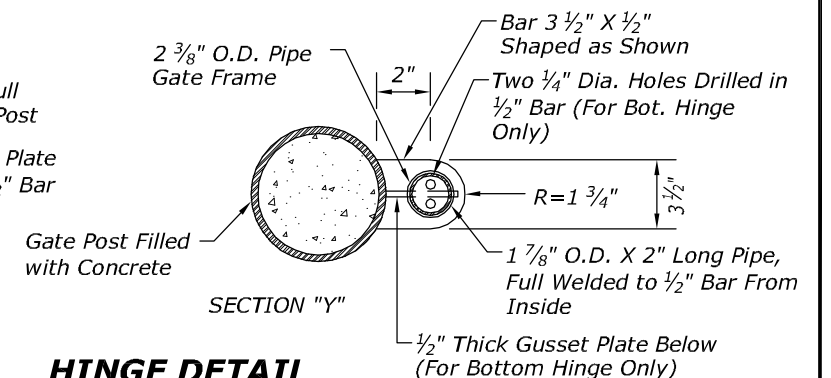
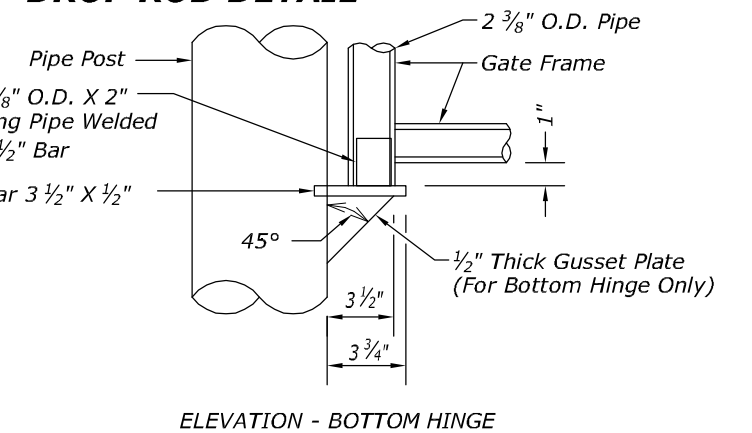
TYP. GATE DETAIL (INTERIOR ELEVATION)

NOTES:

- Omit 8" Thick Concrete Slab & Rebars When Gate is Installed in Concrete Walks & Concrete pavements. (Make Neat Saw-Cut in Existing Concrete When Installing Gate Posts in Concrete Walks & Pavements).
- Where the Existing Grade Slopes, the Finish Grade of the 8" Slab shall follow the General Slope of the Ground.

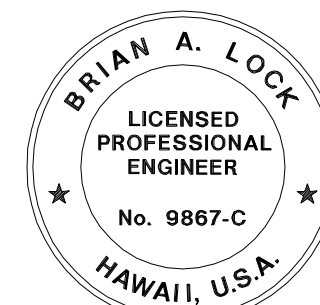


DROP ROD DETAIL



GENERAL NOTES:

- Concrete Shall be 3000 psi.
- All Welds Shall be Ground Smooth.
- Wrap Reflective Tape around Entire New Pipe Frame Gate and Posts (Except at Welded Connections). Alternate 12" Bands of red and Silver Tape. Reflective Tape Shall be Scotchlite Brand Reflective Sheeting High Intensity Grade High Tack Pressure Sensitive (Red-Model No. 5872, Silver-Model No. 5870) or Approved Equal.
- Adjust Dimension to Make Gate Frames Level to Each Other.
- Provide 2 Padlocks for Each Pair of Double Swing Gates. Padlocks Shall be Keyed Alike. Locks Shall be Mastered-keyed to the School's System Unless Otherwise indicated.
- Hand Excavate for Post Footings Near Existing Underground Utilities.
- See T63 for additional notes.
- Not NCHRP 350 compliant.



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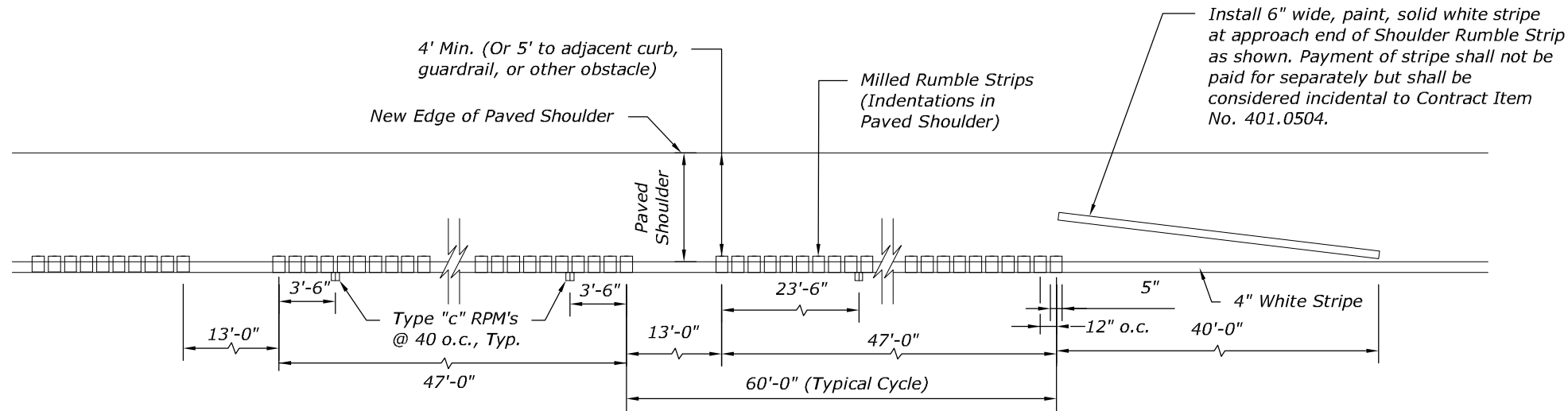
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ROADWAY DETAILS

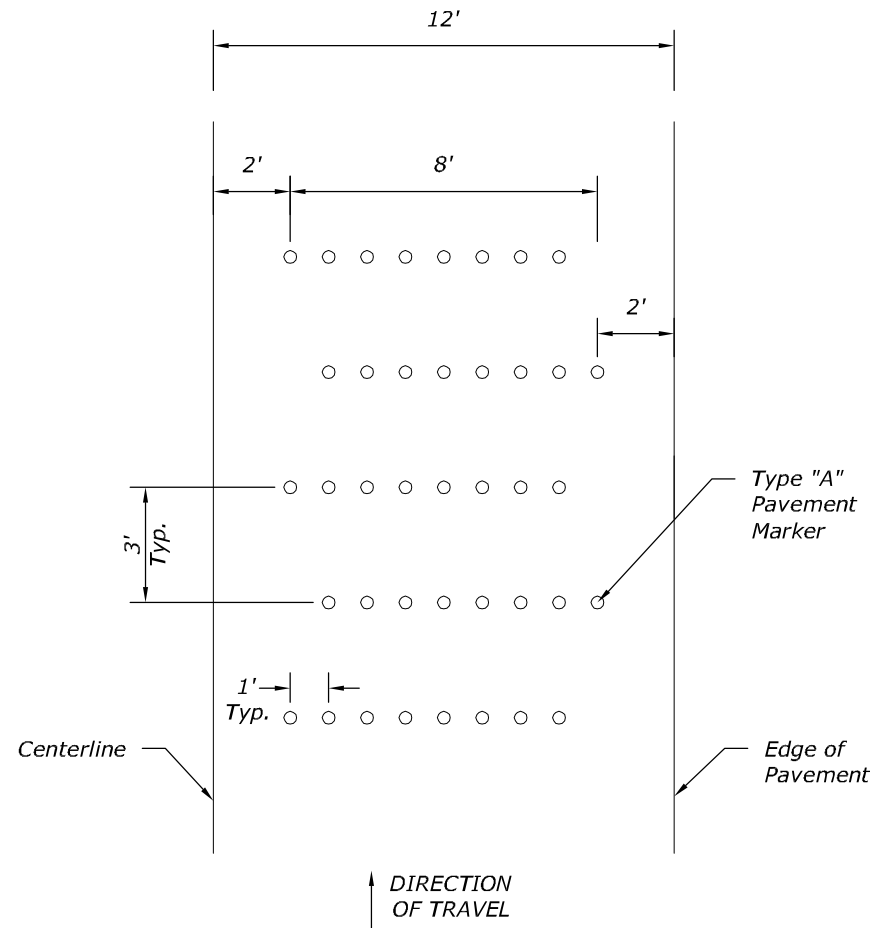
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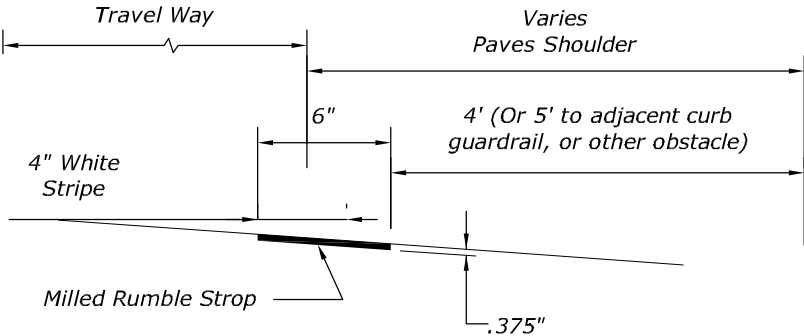
STATE	PROJECT	SHEET NO.
HI	HI STP SR 30(1)	T93



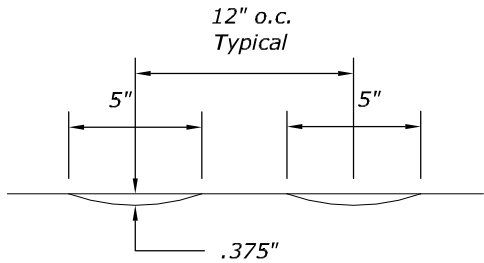
PLAN - MILLED EDGE LINE RUMBLE STRIP



RUMBLE STRIP 12' SINGLE-LANE



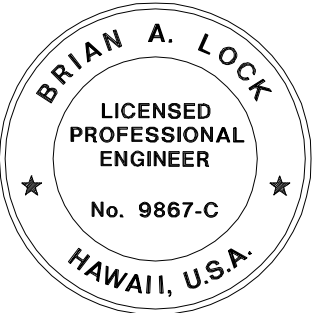
LONGITUDINAL SECTION MILLED EDGE LINE RUMBLE STRIPE



CROSS SECTION MILLED EDGE RUMBLE STRIP

- NOTES:
- Edge line rumble stripe should not be used unless 4 feet of clear shoulder width for bicycle use is available between the rumble strips and the outer edge of the paved shoulder.
 - Do not place Type "C" markers within 2 feet of the 13 feet Rumble Strip opening

EDGE LINE RUMBLE STRIPS



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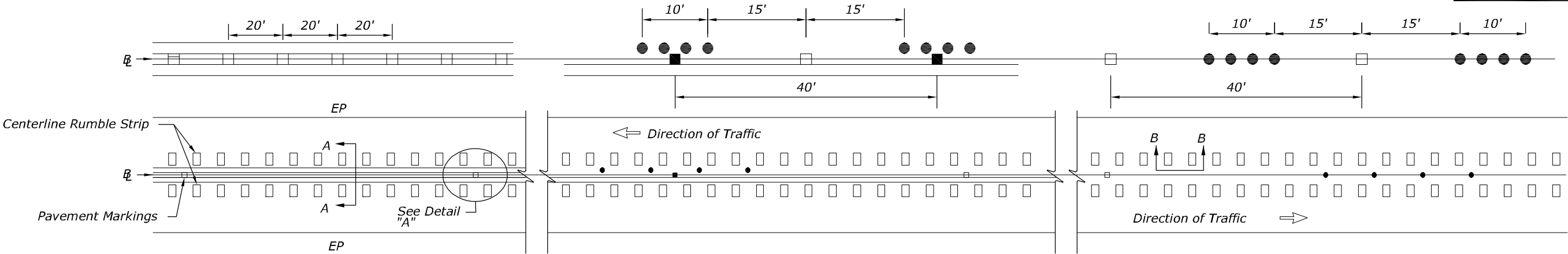
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RUMBLE STRIP DETAILS

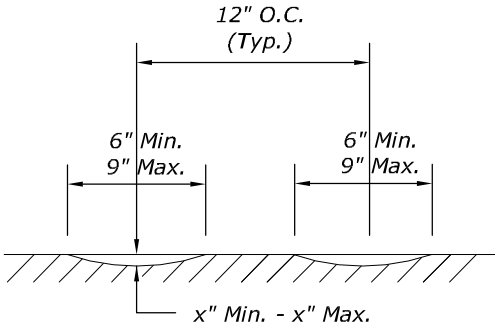
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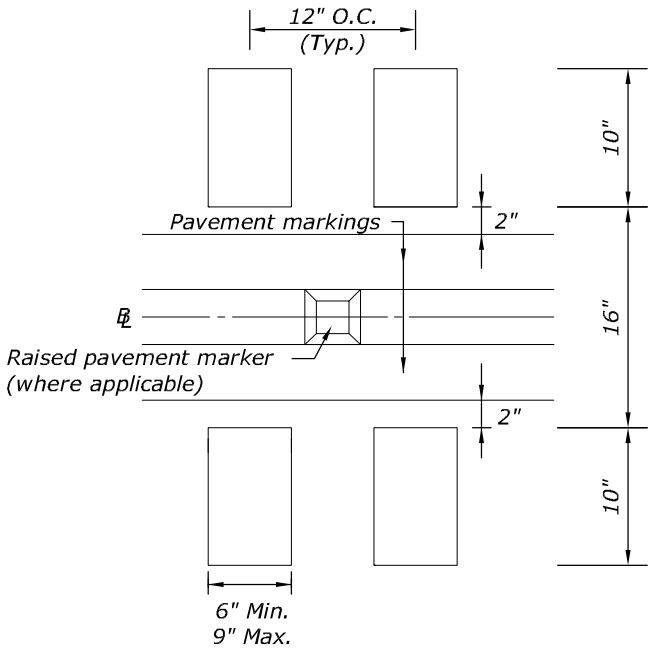
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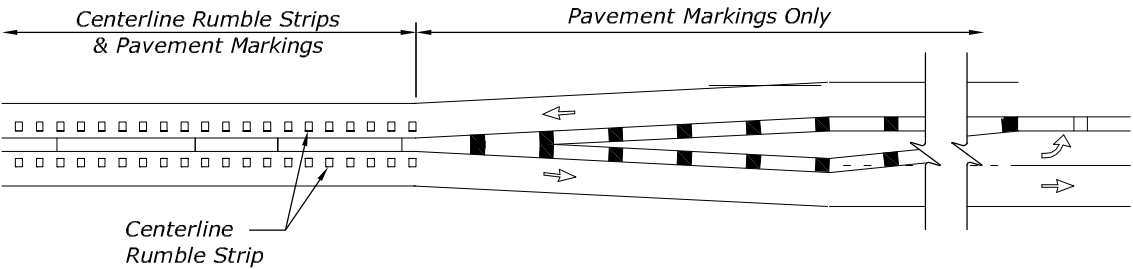
PLAN - CENTERLINE MILLED RUMBLE STRIP



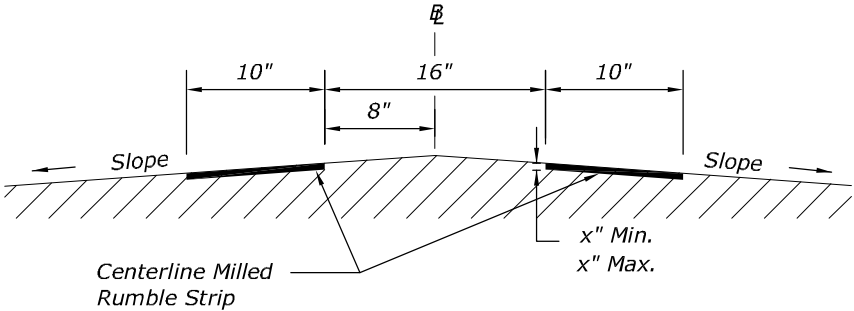
SECTION B-B - CENTERLINE MILLED RUMBLE STRIP



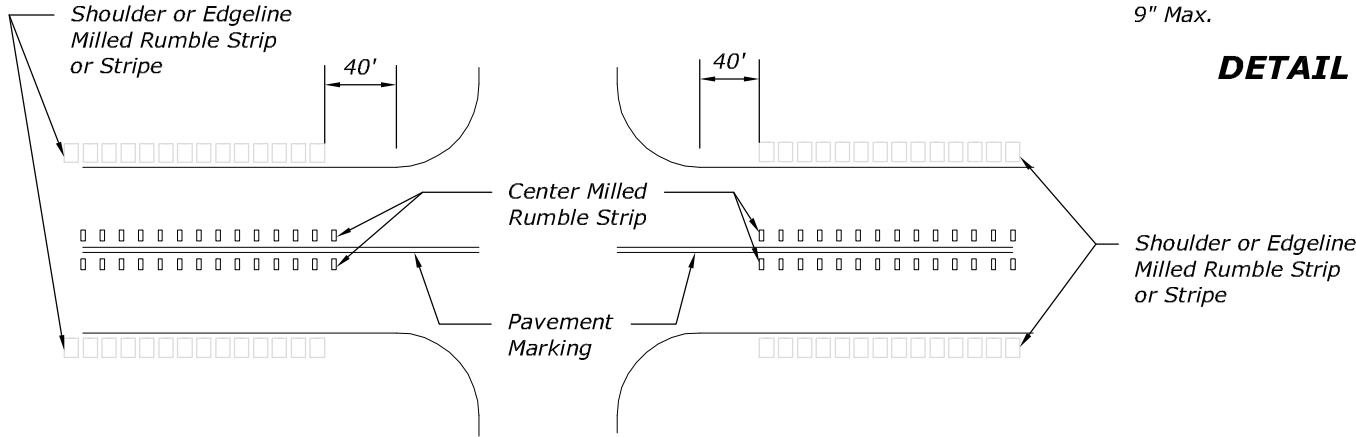
DETAIL "A"



CENTERLINE MILLED RUMBLE STRIP INSTALLATION LIMIT



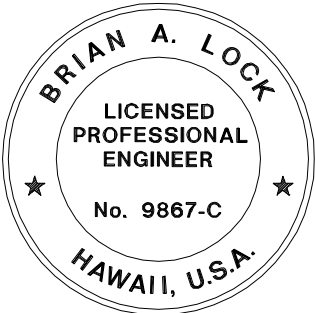
SECTION A-A - CENTERLINE MILLED RUMBLE STRIP



MILLED RUMBLE STRIP INSTALLATION LIMITS

CENTERLINE RUMBLE STRIPS (OFFSET)

- NOTES:
1. Dimensions shown are approximate. Adjust rumble strip spacing to coordinate with pavement markings prior to installation.
 2. Raised pavement markers shall be installed on level surface between the rumble strips. Do not install raised pavement markers inside the milled area.
 3. Do not install centerline rumble strips on bridge decks.
 4. Where at-grade bridges are present, rumble strips shall end/begin 20 L.F. beyond the existing bridge deck joints/concrete approach slab.



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RUMBLE STRIP DETAILS

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