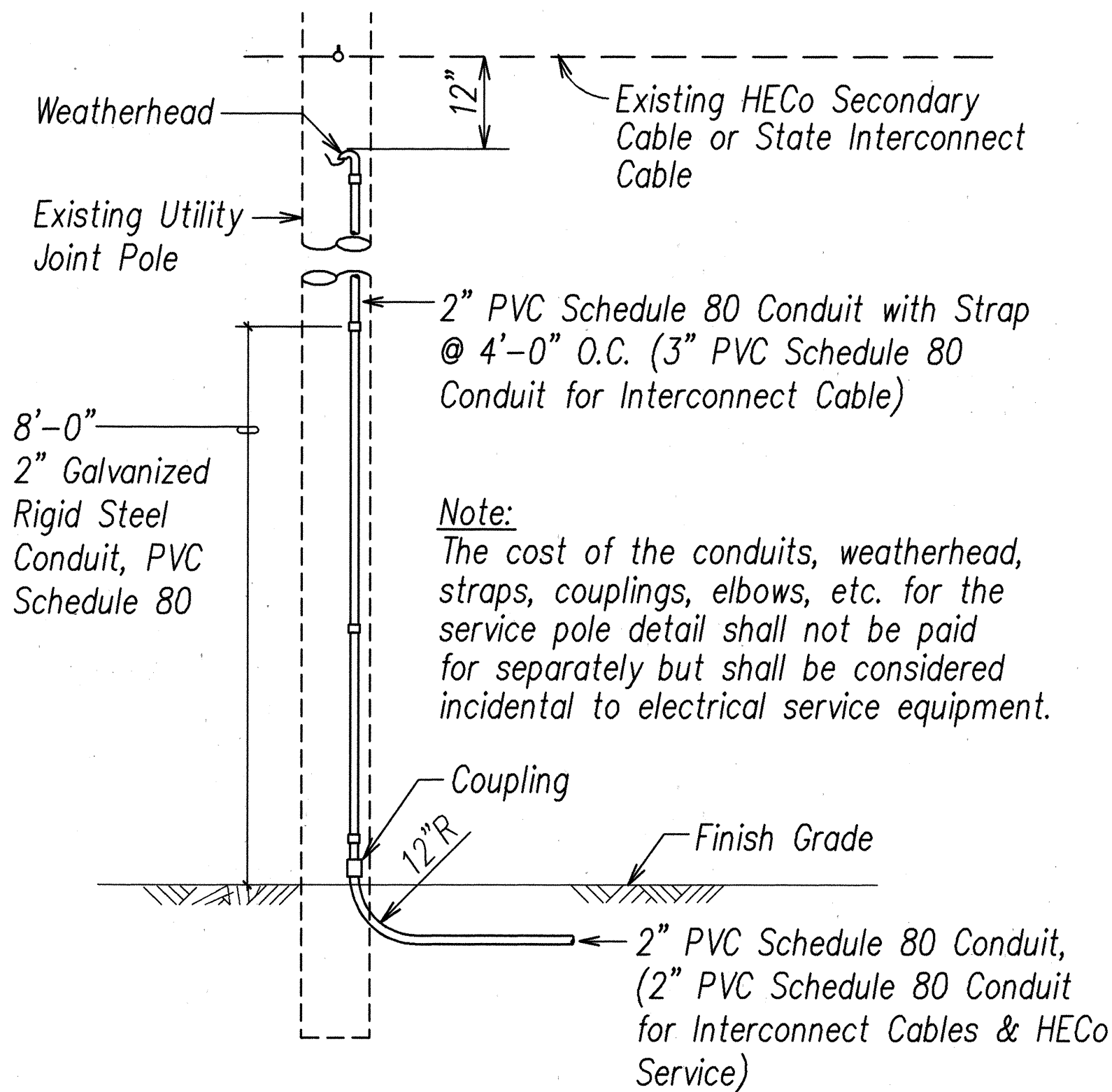
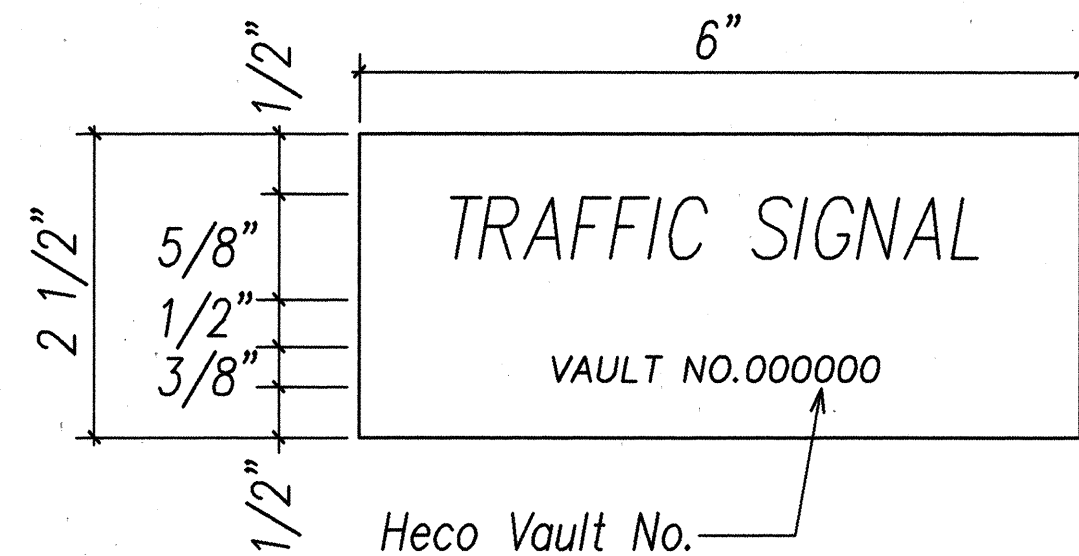


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-061-1(34)	2000	29	38



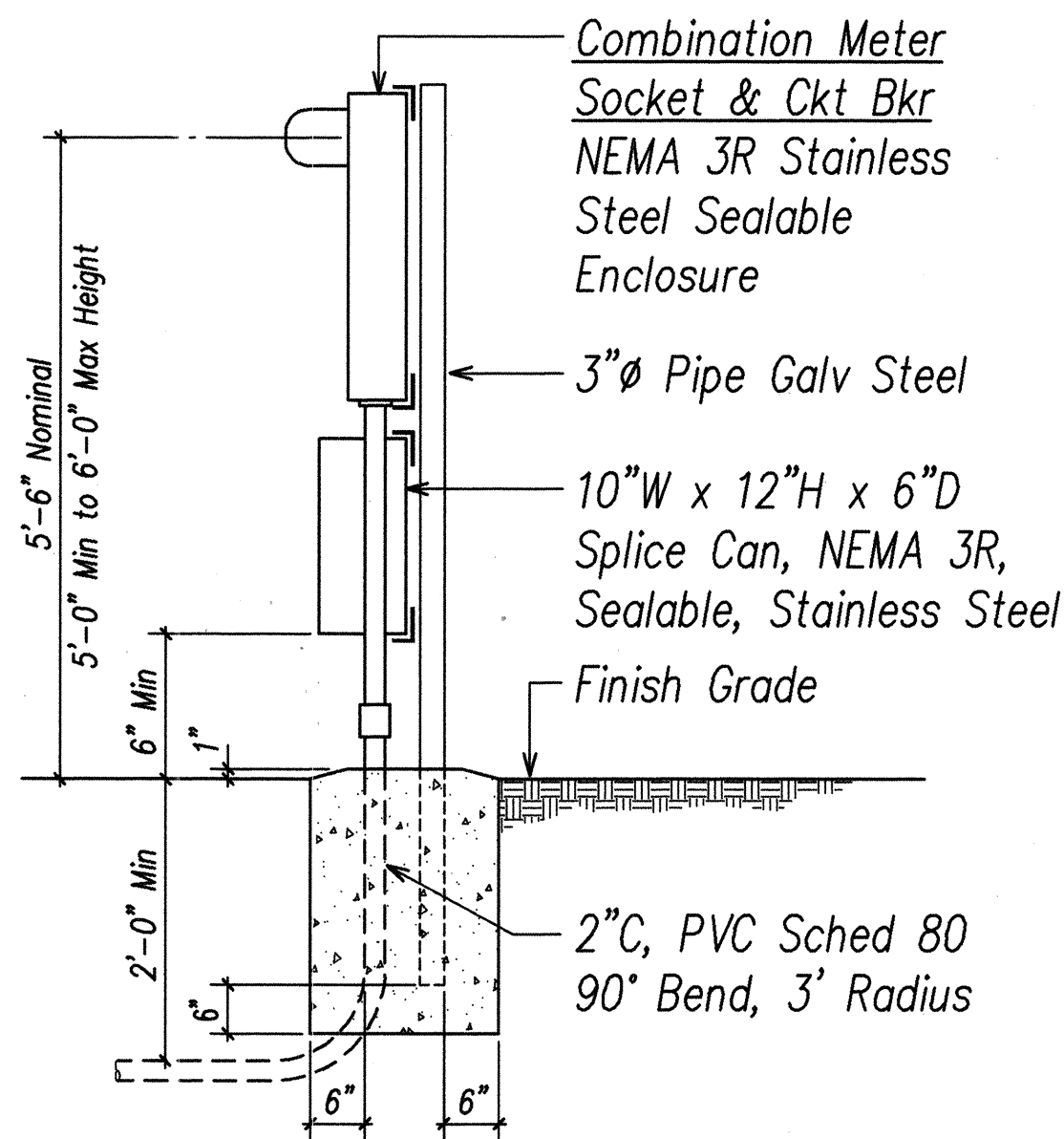
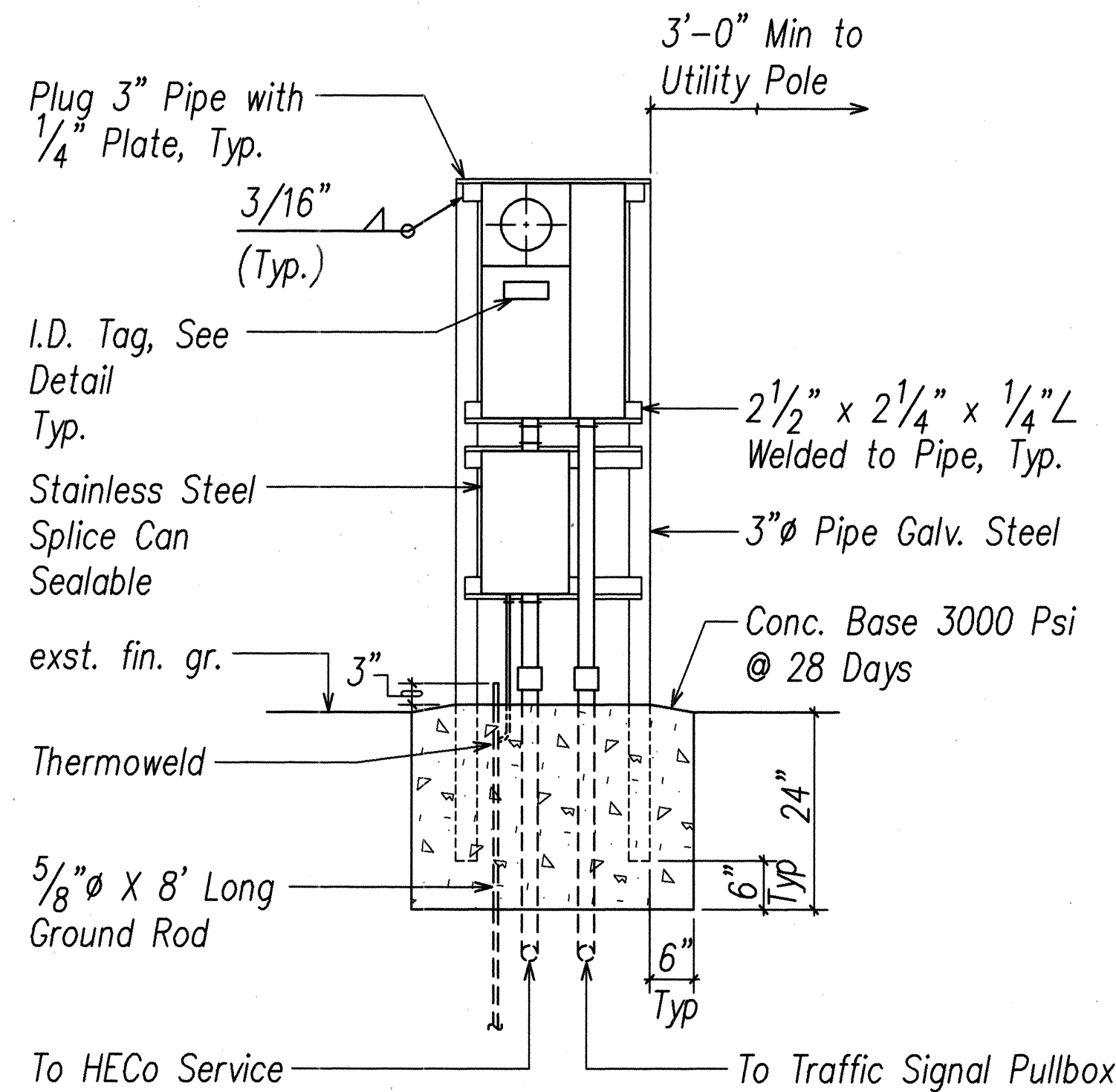
A
E-7
RISER POLE DETAIL
NOT TO SCALE



Notes:

1. Use 3-Ply Laminated Flexible Plastic, Black-White-Black Thickness: Black Cap Sheet-0.010", White Base Sheet-0.052", Black Base Sheet-0.010".
2. Attach to Meter Socket Using Scotch 3M Brand Very High Bond (VHB) Double Coated Acrylic Foam Tape or Equivalent.
3. Letters/Numbers Shall be 1/16" Stroke, (White in Color).
4. Letters/Numbers Area Inscribed by Cutting Through "Black Cap Sheet" to Expose White Letters/Numbers.

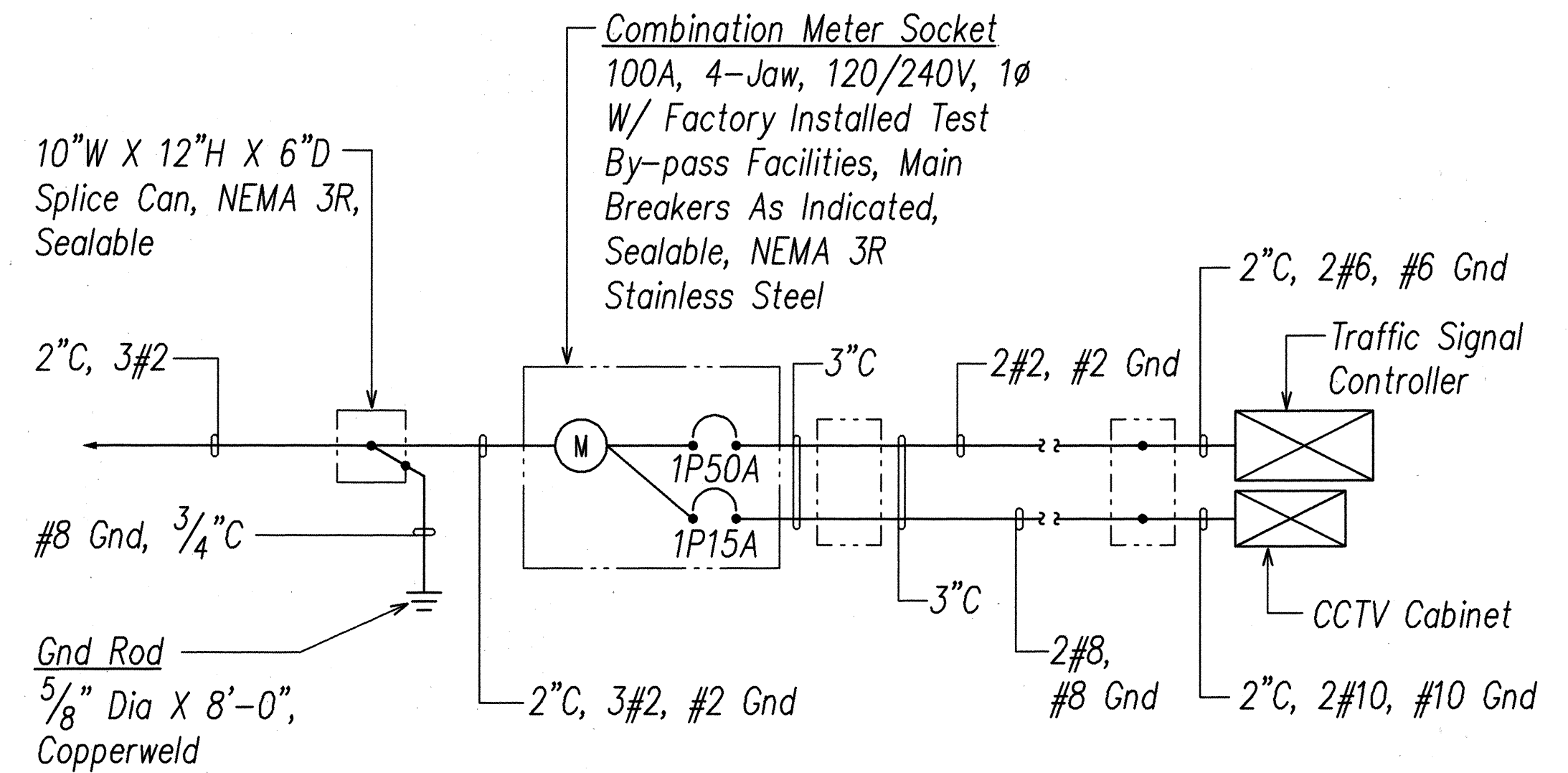
B
E-7
STATE METER SOCKET ID TAG DETAIL
NOT TO SCALE



Notes:

1. Contractor Shall Make all Electrical Connection to Controller, Provide 2-1P50A Breaker, Ground and 2" Conduit.
2. All Conduits to Contain A Polyolefin Pull Line. (Jet Line Cat #232 or Equiv)
3. Pedestal Shall Be Hot-Dipped Galvanized After Fabrication.
4. All Fastening Bolts, Nuts & Washers Shall Be Stainless Steel. Provide One Coat Shop Primer & Two Coats of Acrylic Enamel Finish, Color to Match Controller Cabinet.
5. Provide 4 Ft Clearance In Front Of Meter.
6. See Pipe Guard Detail

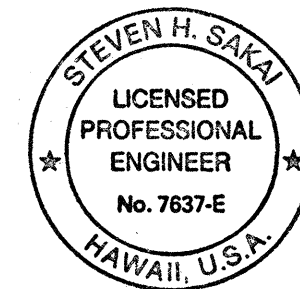
C
E-7
ELECTRICAL SERVICE DETAIL
NOT TO SCALE



D
E-7
TRAFFIC CONTROLLER ONE-LINE DIAGRAM
NOT TO SCALE

DATE	____
SURVEY PLOTTED BY	____
DRAWN BY	____
DESIGNED BY	____
QUANTITIES BY	____
CHECKED BY	____
NO.	____

LAST SAVE DATE: 04/11/2011 10:11:11 AM IN PLOT SIZE: 11.0" x 17.0"

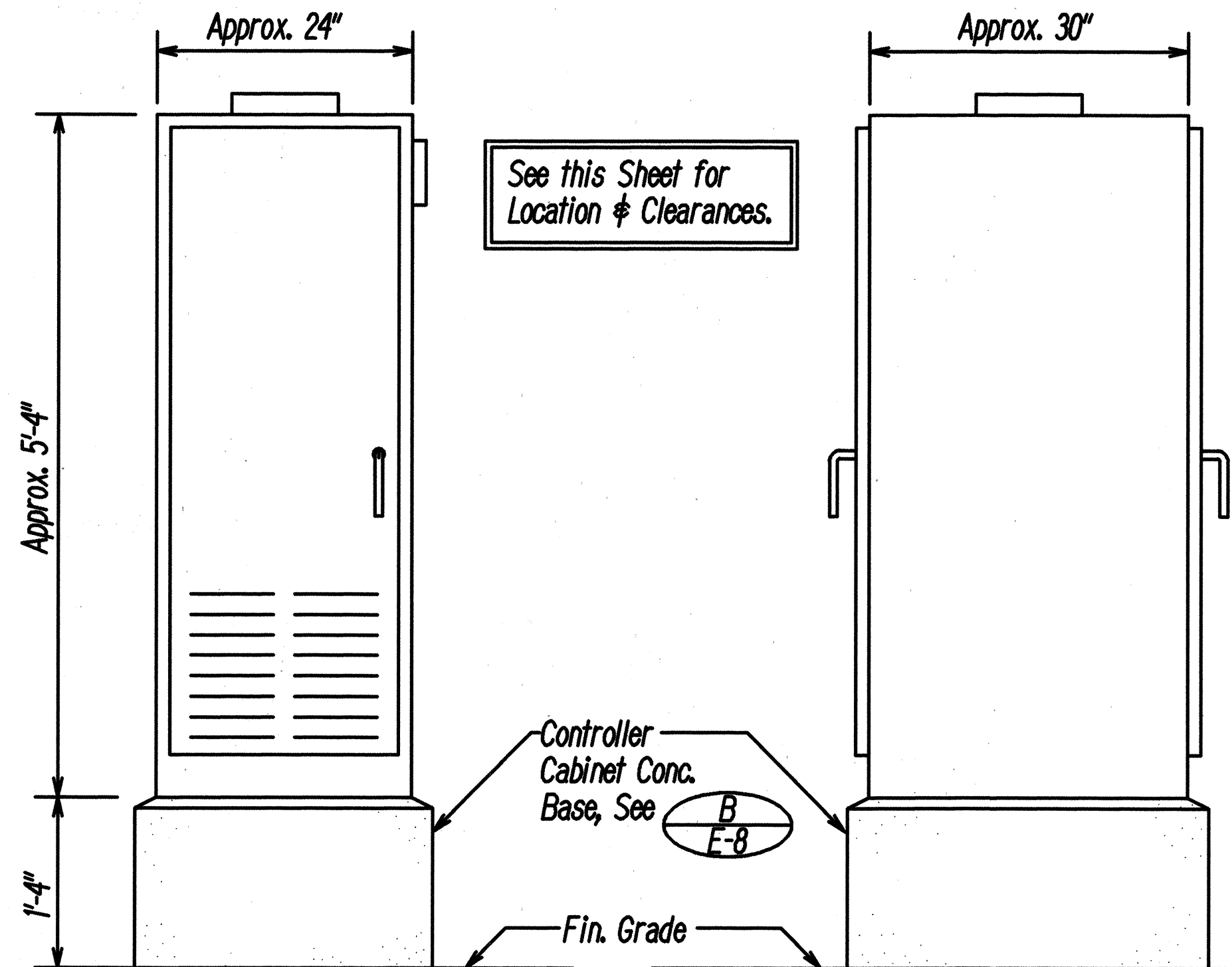


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OR UNDER MY SUPERVISION.
Steven H. Sakai

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SIGNAL DETAILS I
PALI HIGHWAY INTERSECTION IMPROVEMENTS
AT JACK LANE
PROJECT NO. STP-061-1(34)
Scale: AS NOTED
SHEET No. E-7 OF 13 SHEETS

Date: _____

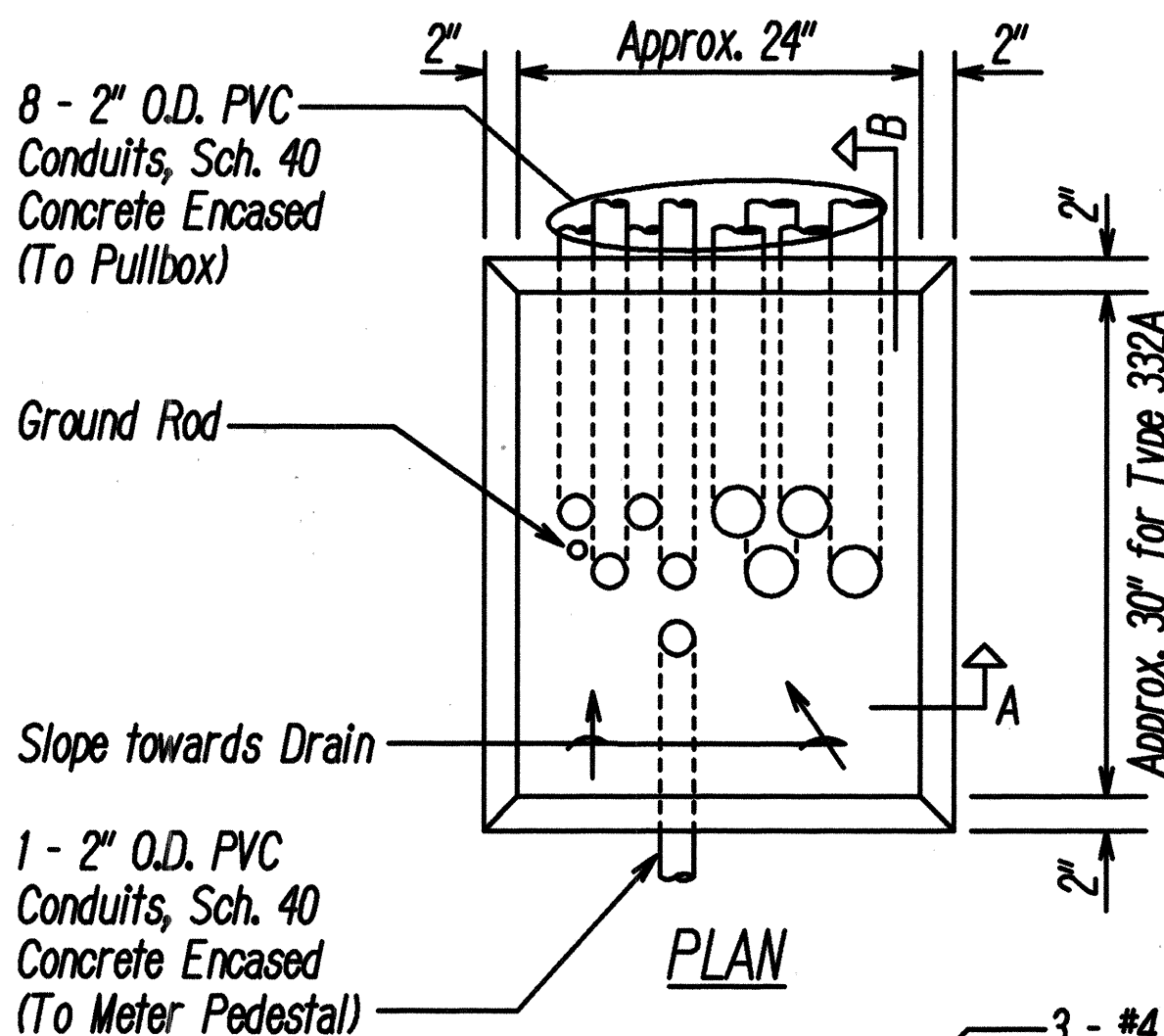
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-061-1(34)	2000	30	38



FRONT VIEW

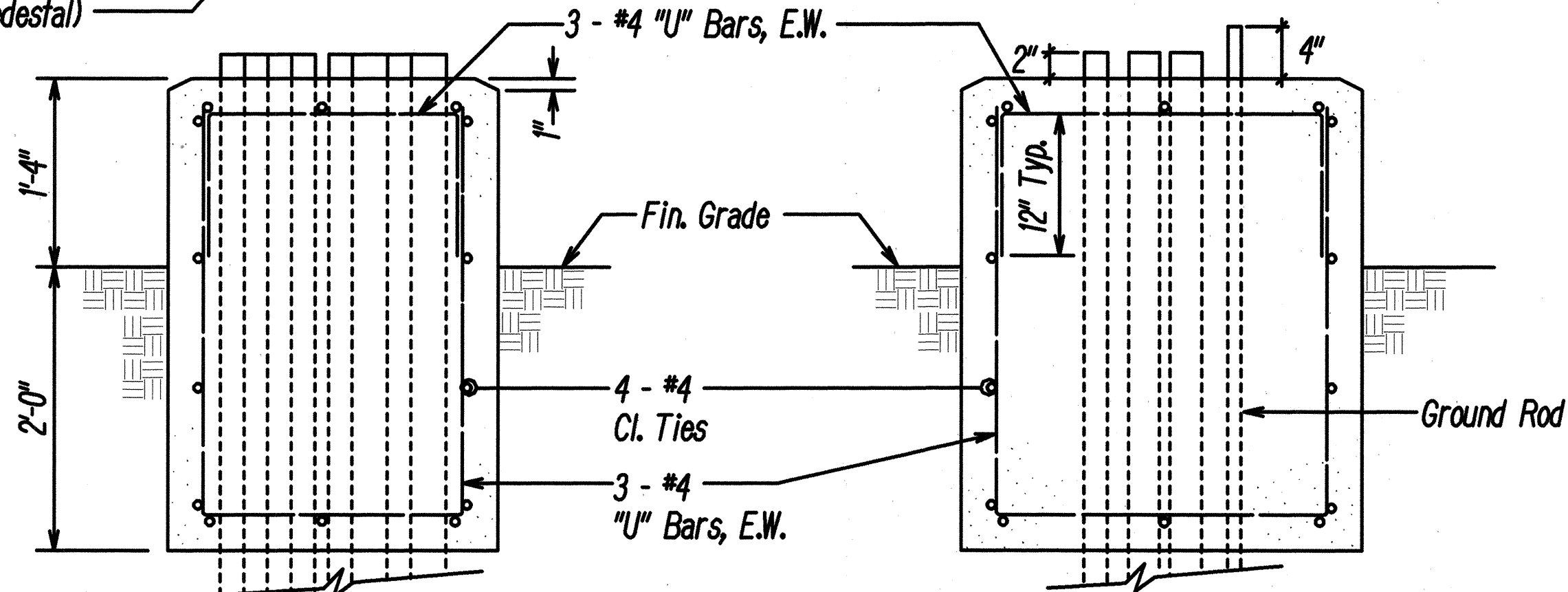
SIDE VIEW

TYPE 332A TRAFFIC SIGNAL CONTROLLER CABINET
DETAIL
 N.T.S.



NOTES:

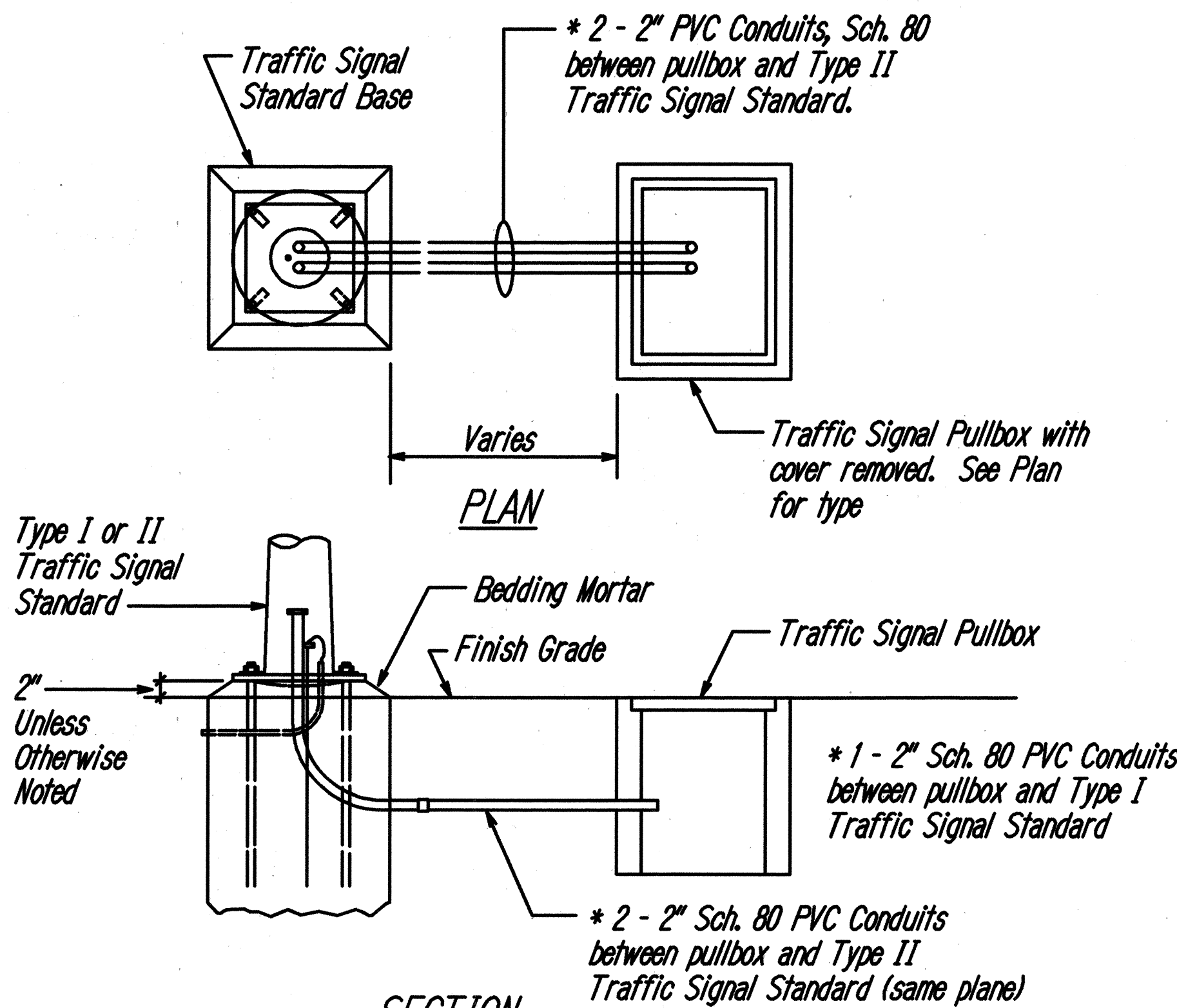
1. Concrete shall be class "B".
2. Dimensions shall be altered to suit controller cabinet actually furnished.
3. Conduits bends and drain are incidental to concrete base
4. Refer to Cabinet Manufacturer's Specifications for details of anchor bolts and base setting.
5. All exposed surfaces of concrete base shall be given a class 2, rubbed finish.



SECTION "A"

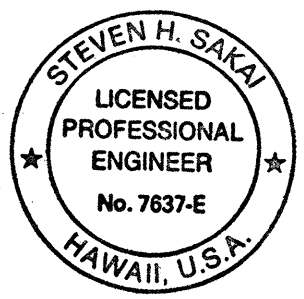
SECTION "B"

CONTROLLER CABINET CONCRETE BASE
 N.T.S.



CONDUIT DETAILS FOR TYPE I OR II TRAFFIC SIGNAL STD.
 N.T.S.

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
APPROVED BY	
NOTED BY	
REVISIONS	
NO.	DATE
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TRAFFIC SIGNAL DETAILS II

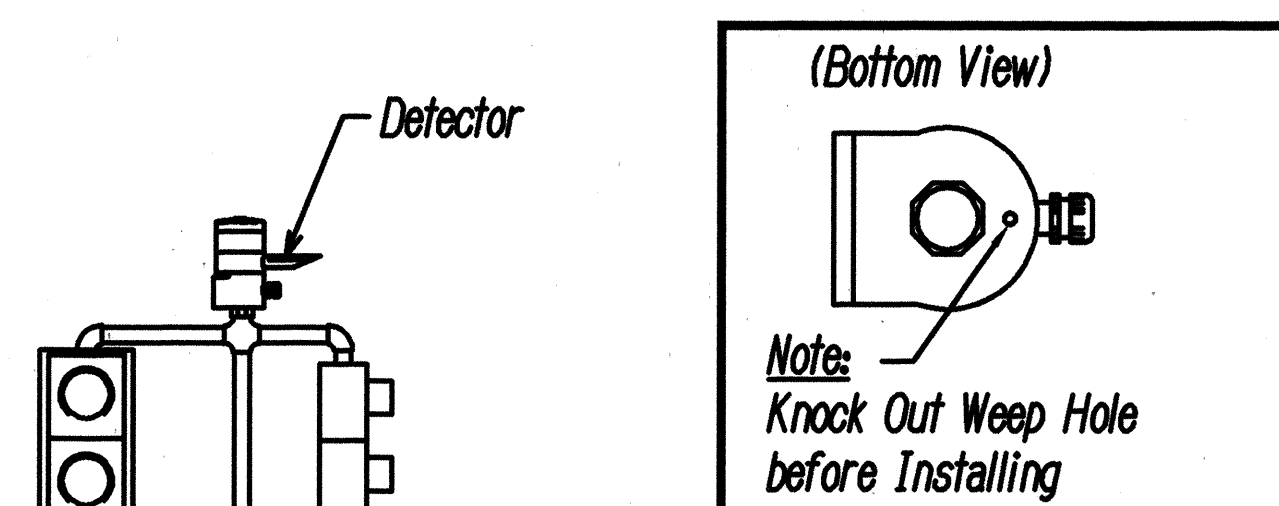
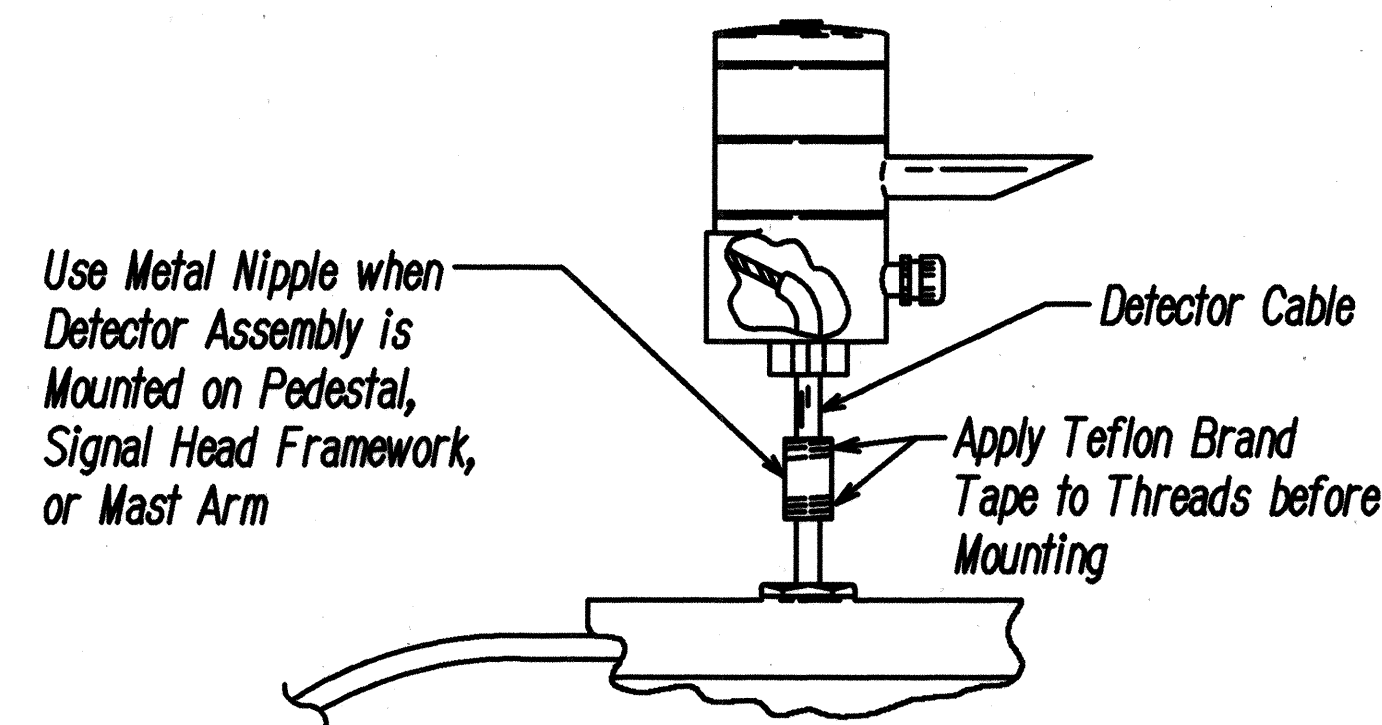
PALI HIGHWAY INTERSECTION IMPROVEMENTS
AT JACK LANE
PROJECT NO. STP-061-1(34)

Scale: As Shown Date: _____

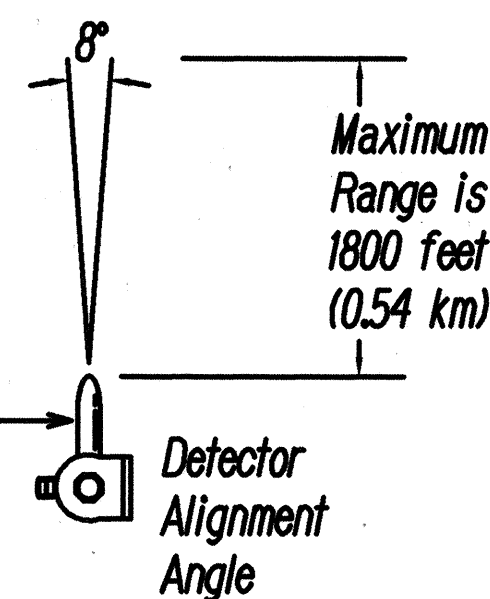
SHEET No. **E-8** OF 13 SHEETS

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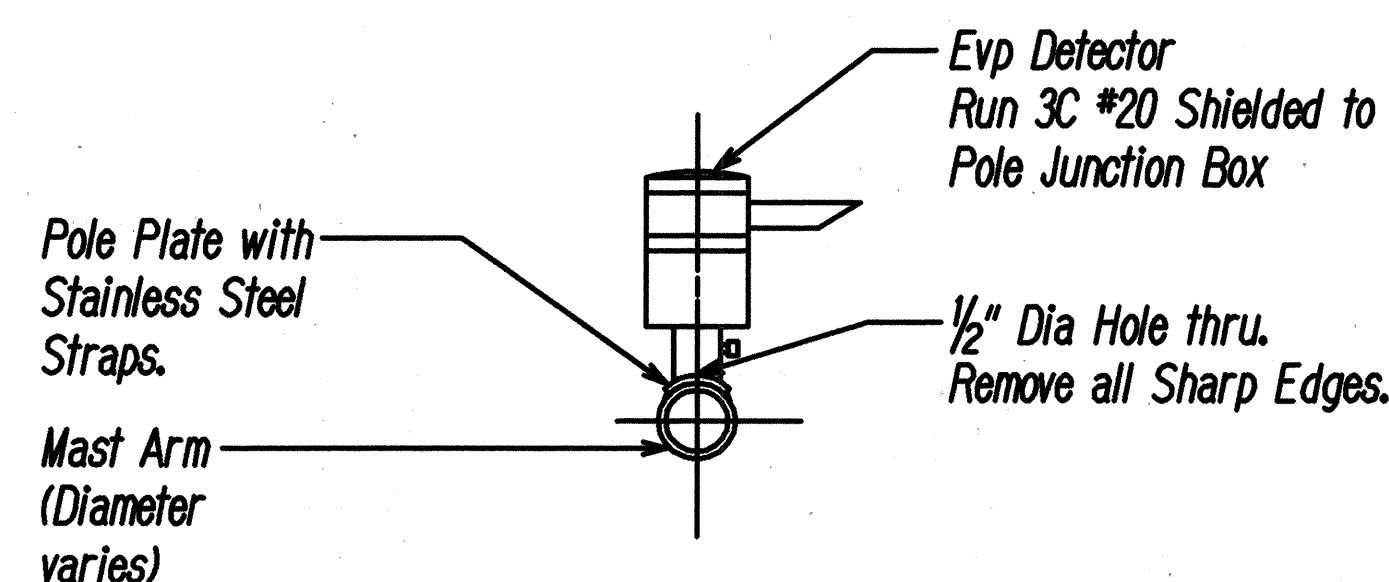
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-061-K34)	2000	31	38



Notes:
Detector Reception Angle varies with Distance. It is Approximately 8° at 1800 Feet (0.54km). Due to Reflection, Reception Angle is Increased at Close Range. The Detector must be Aligned within 8° of the Farthest Point where Priority Vehicle is to be Sensed.

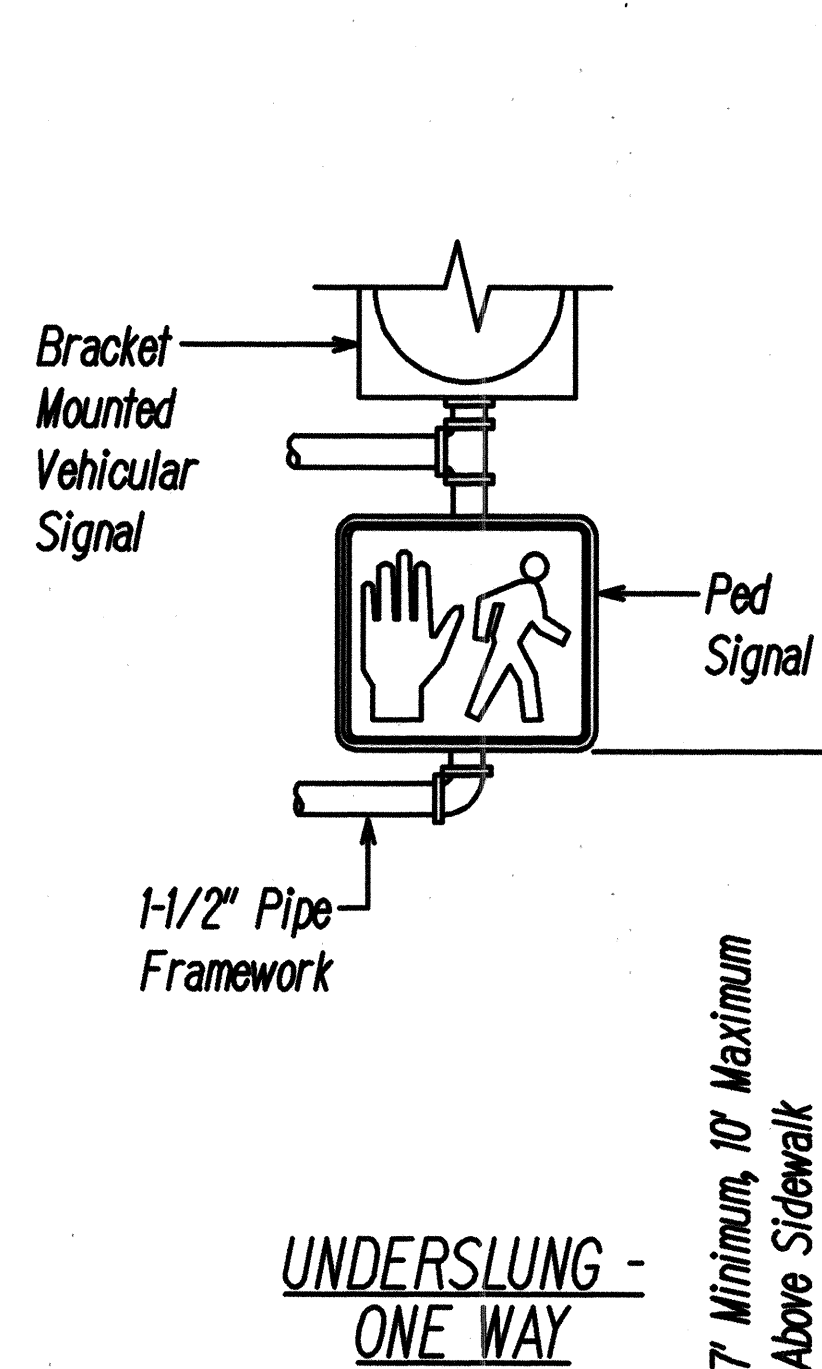


TYPICAL PEDESTAL/TYPE T.S.S. MOUNTING OF EVP DETECTOR

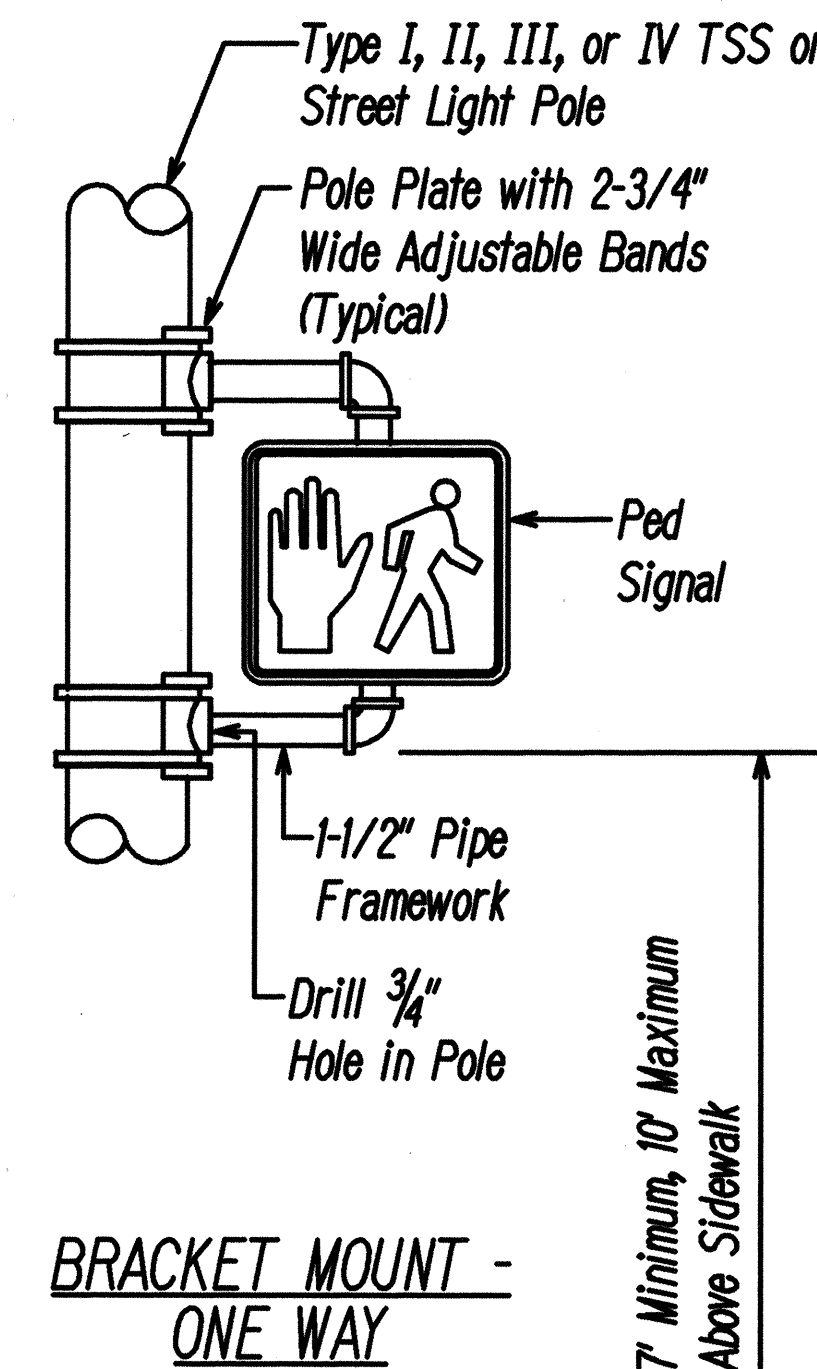


TYPICAL MAST ARM MOUNTING OF EVP DETECTOR

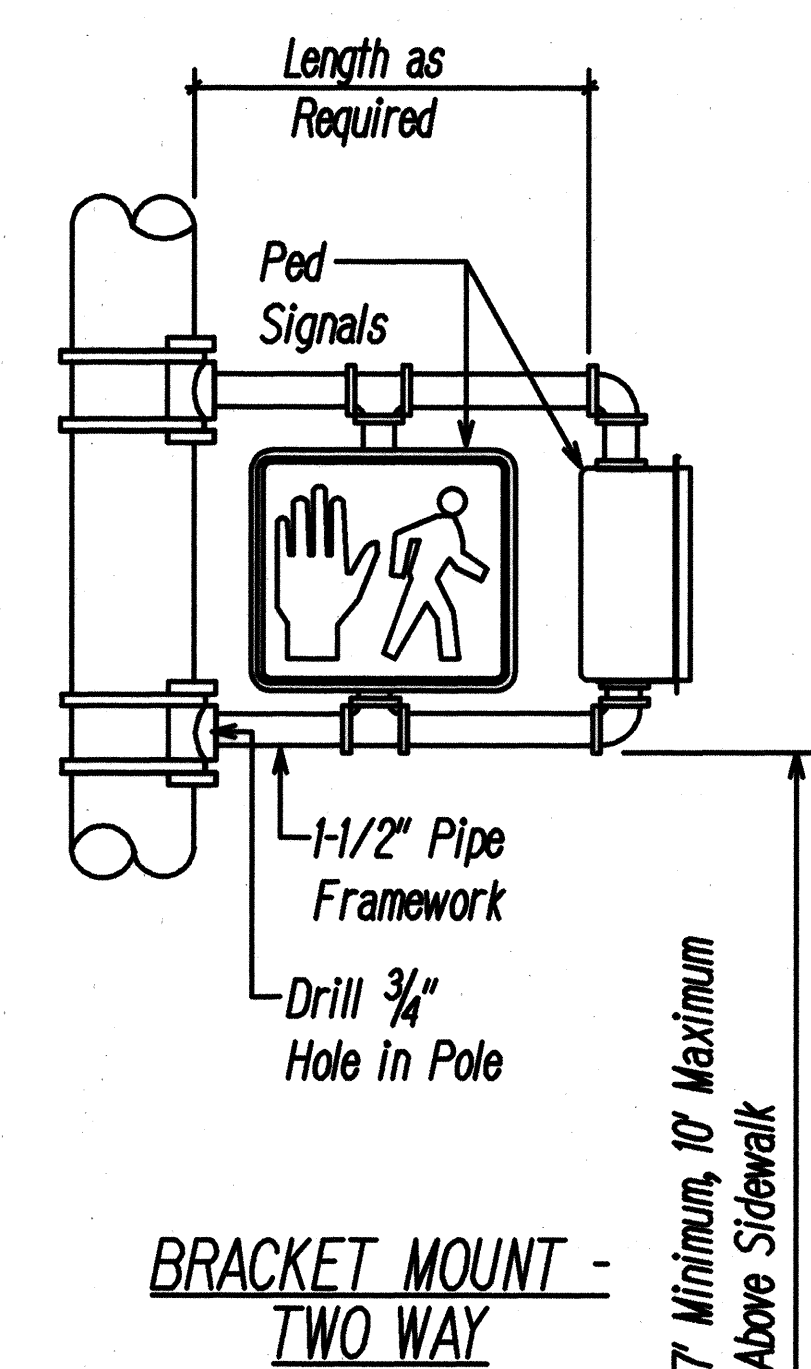
A
E-9
Not to Scale



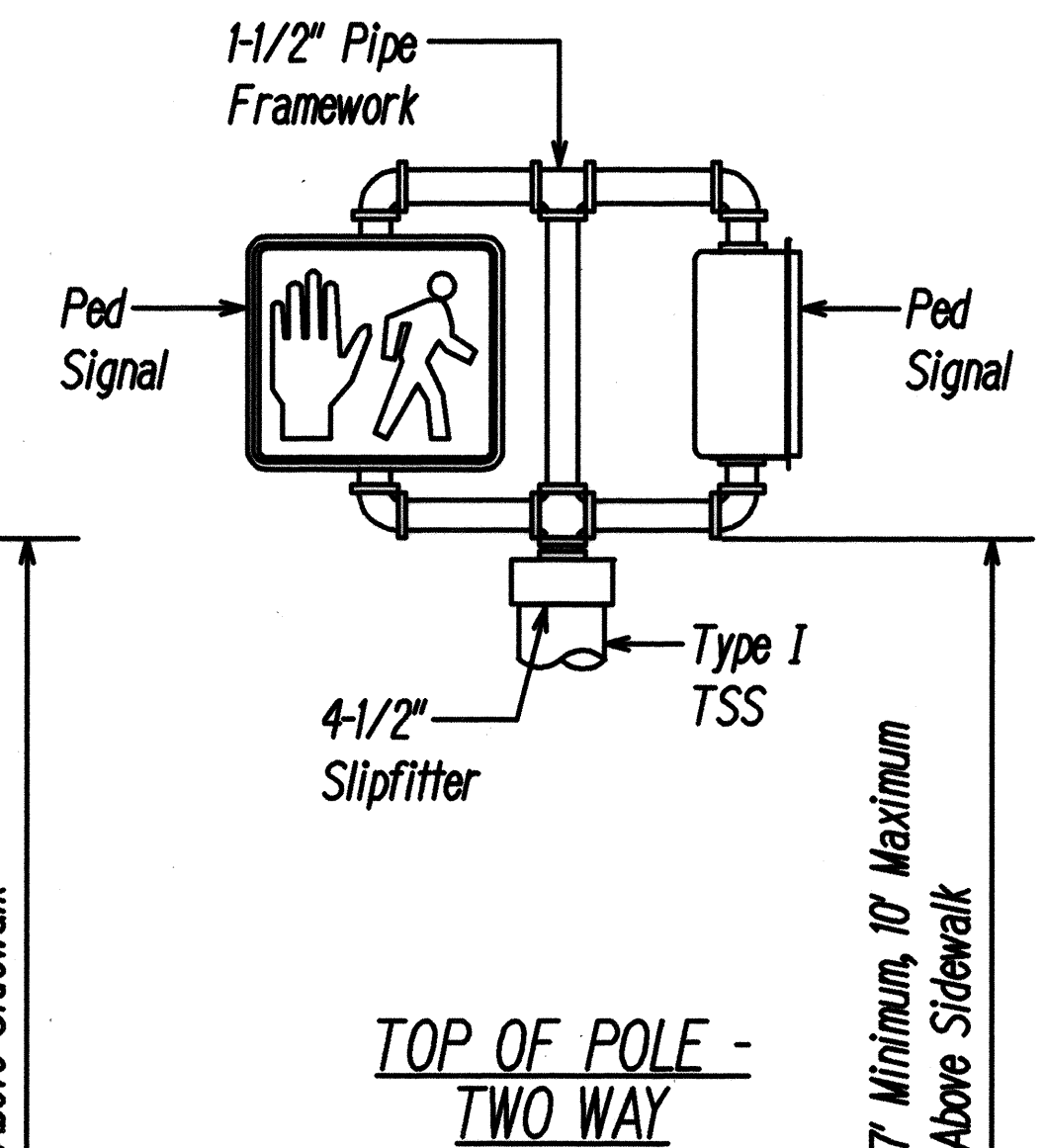
UNDERSLUNG - ONE WAY



BRACKET MOUNT - ONE WAY



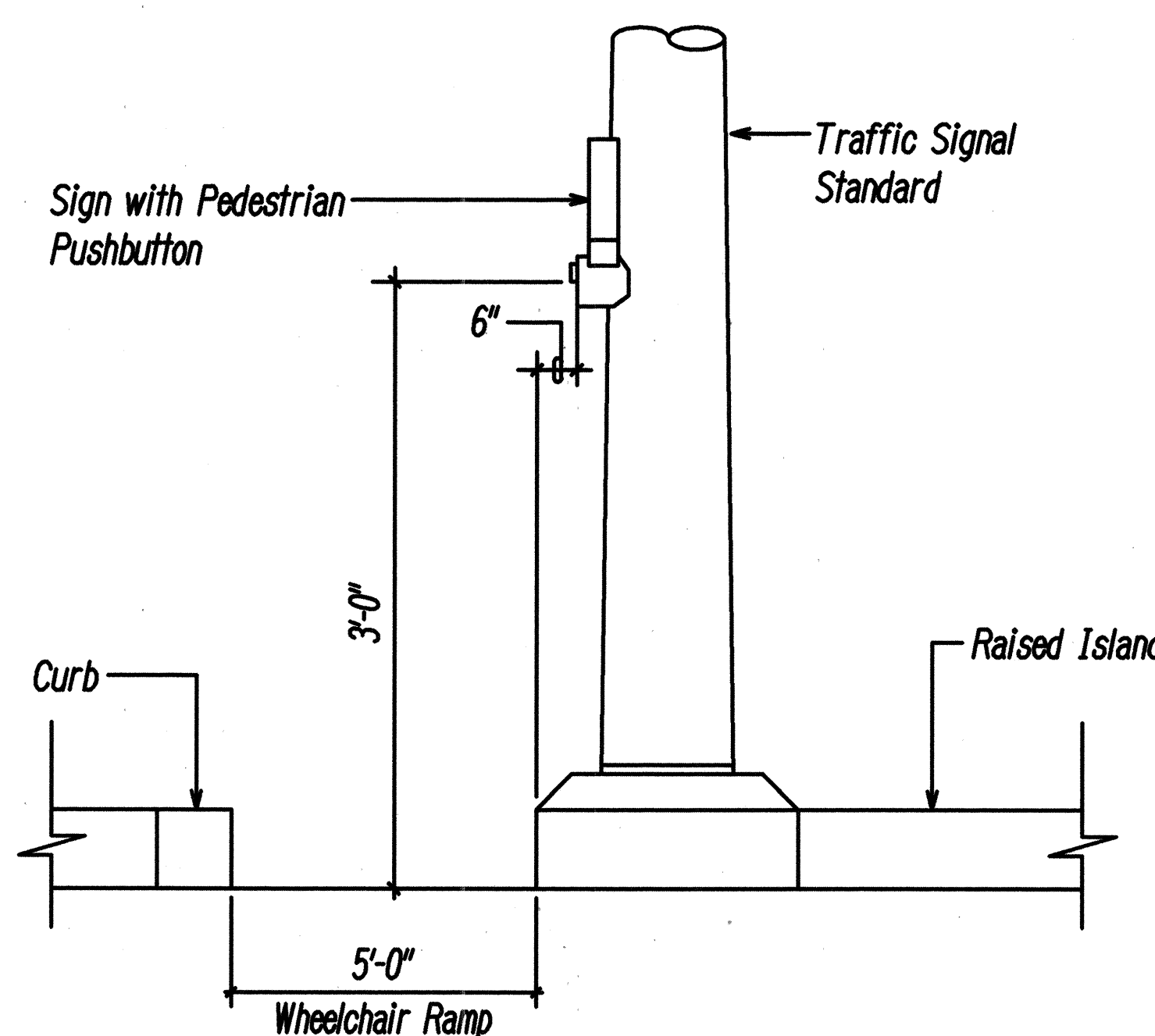
BRACKET MOUNT - TWO WAY



TOP OF POLE - TWO WAY

B
E-8
Not to Scale

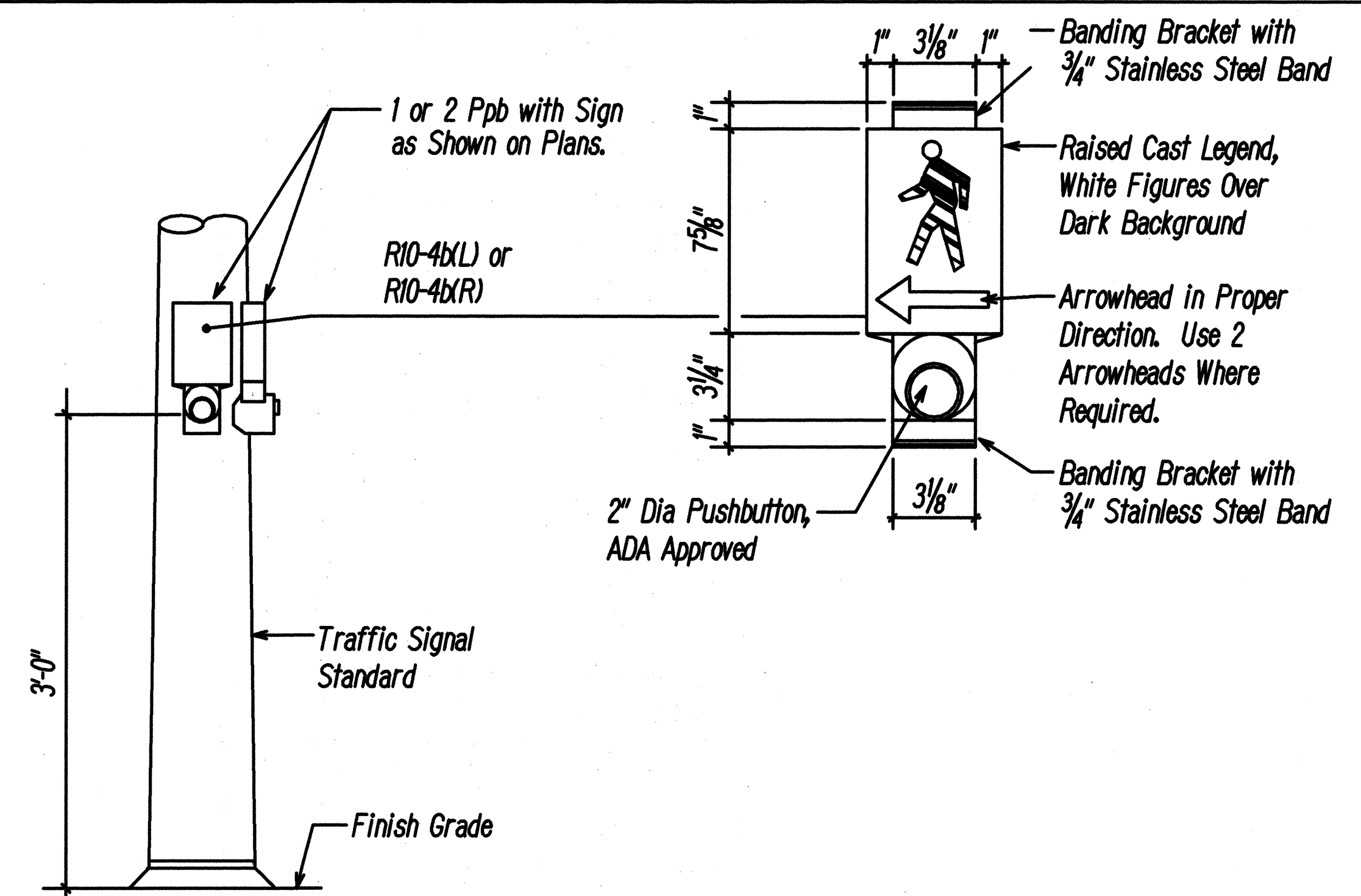
PEDESTRIAN SIGNAL MOUNTINGS



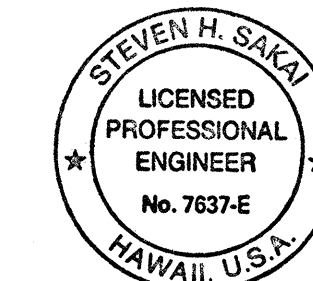
AT RAISED CONCRETE ISLAND

C
E-9
Not to Scale

PEDESTRIAN PUSHBUTTON DETAILS



AT SHOULDER



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Steven H. Sakai

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL DETAILS III

PALI HIGHWAY INTERSECTION IMPROVEMENTS
AT JACK LANE
PROJECT NO. STP-061-K34)

Scale: None Date: _____

SHEET No. E-9 OF 13 SHEETS