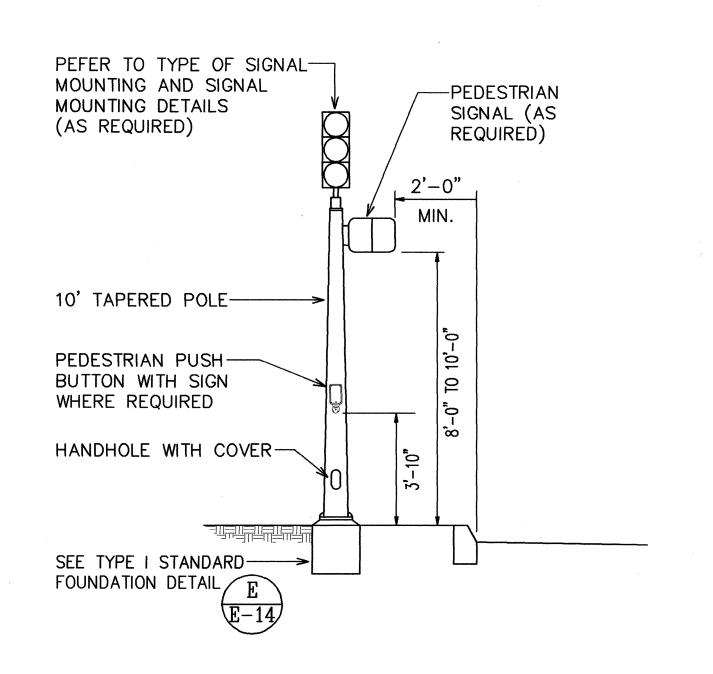
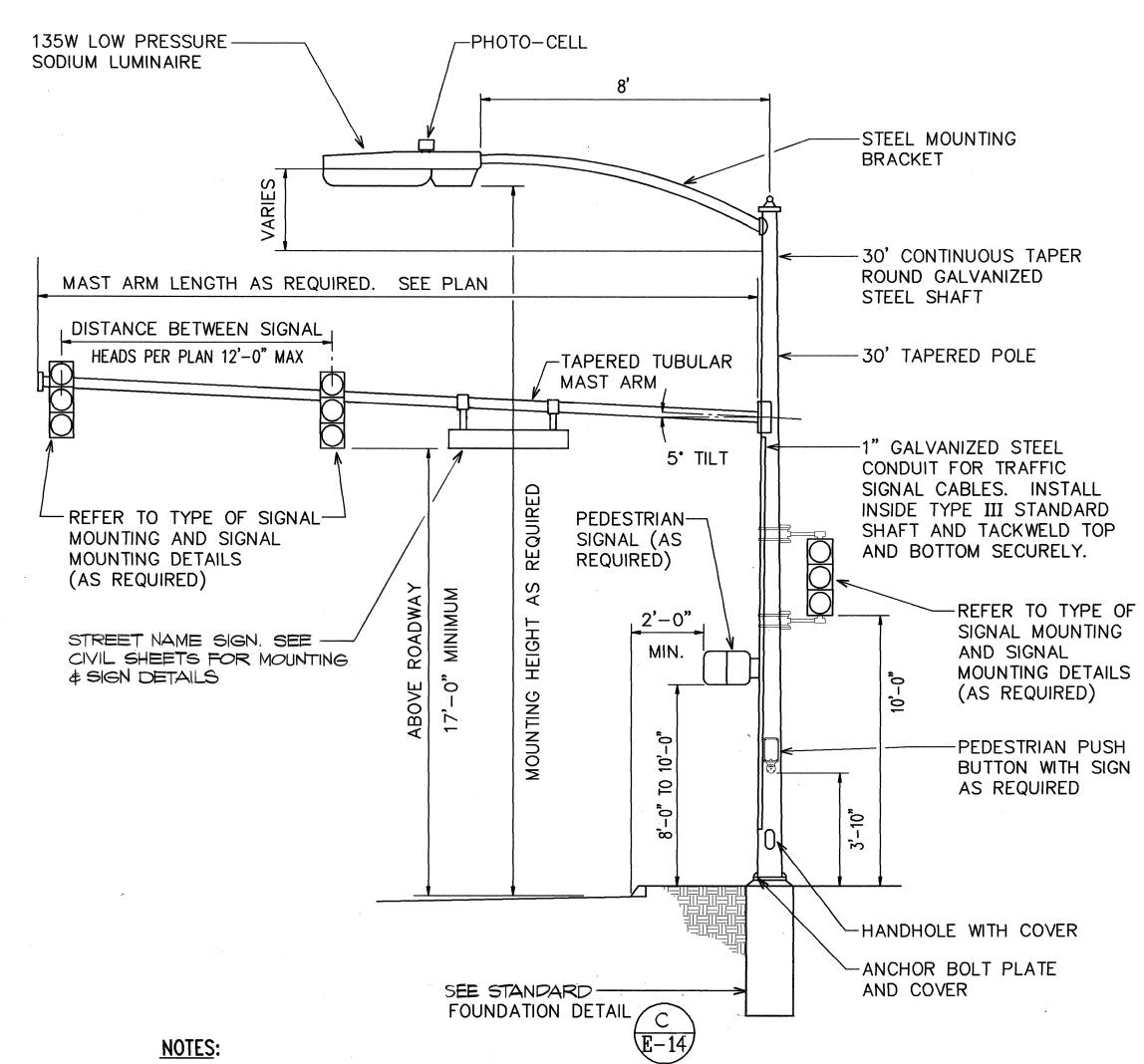


TYPE II TRAFFIC SIGNAL STANDARD (E-14) NOT TO SCALE

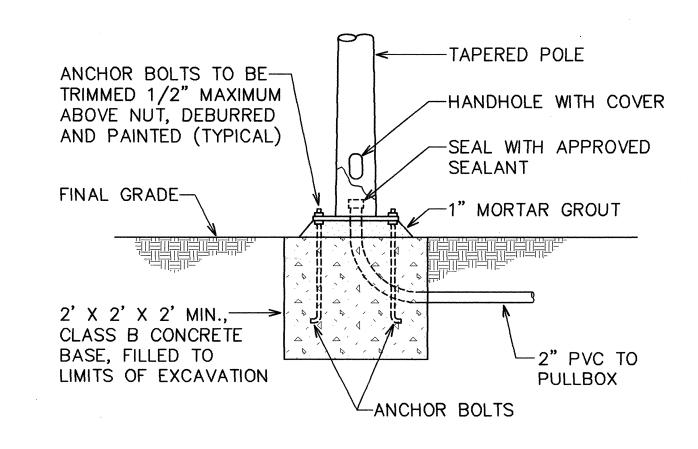


TYPE I TRAFFIC SIGNAL STANDARD E-14 NOT TO SCALE

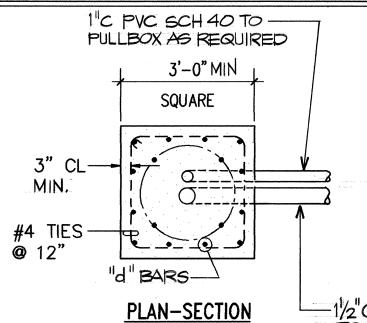


- 1. ITEM FOR TYPE III TRAFFIC SIGNAL STANDARD WITH MAST ARM AND FOUNDATION INCLUDES HIGHWAY LIGHTING BRACKET ARM.
- 2. SIZE, LENGTH, AND DIAMETER OF ANCHOR BOLTS SHALL BE AS RECOMMENDED BY THE MANUFACTURER. CONTRACTOR SHALL SUBMIT CATALOG CUTS TO THE ENGINEER FOR APPROVAL.

B TYPE III TRAFFIC SIGNAL STANDARD E-14 NOT TO SCALE



TYPE I STANDARD FOUNDATION DETAIL (E-14) NOT TO SCALE



		
MAST ARM LENGTH	"c"	"d" BARS
16'–18'	5'-0"	12-#6
20'	5'-6"	12-#6
25'	6'-0"	12-#6
 30'	6'-6"	12-#8
35'	6'-6"	12-#8
40'	8'-0"	12-#8

-1½"C, PVC SCH 40 TO PULLBOX TYPE II & TYPE III

SEAL WITH-SIZE AND LENGTH OF ANCHOR BOLTS AND APPROVED SEALANT DIAMETER OF BOLT VARY. SEE MANUF LITERATURE PROVIDE FIN GRADE -1" MORTAR GROUT AFTER POLE IS LEVEL FORM UPPER 6" OF BASE "d" BARS -1/2"C, PVC SCH 40 FOR SIGNAL 1"C, PVC SCH 40 FOR STREET LIGHT AS REQUIRED >TO PULLBOX CONCRETE FOUNDATION, FILL TO LIMITS OF EXCAVATION NOTE: CONCRETE SHALL BE CLASS B.

TYPE II & III STANDARD FOUNDATION DETAIL E-14 NOT TO SCALE

> Rev Date Description REGISTERED PROFESSIONAL ENGINEER

Phone: (808)521-5361 Fax: (808)538-7819 RONALD N. S. HO & ASSOCIATES, INC.
Electrical Engineers
2138 Algaroba Street, Suite A Honolulu, Hawaii 96826
Phone: (808)941-0577 Fax: (808)945-2646 KM KONA PARTNERS PAUAHI TOWER, SUITE 1410

TRAFFIC SIGNAL DETAILS Drawn By: GN
Date: OCTOBER 1993 Project No. 333.5000

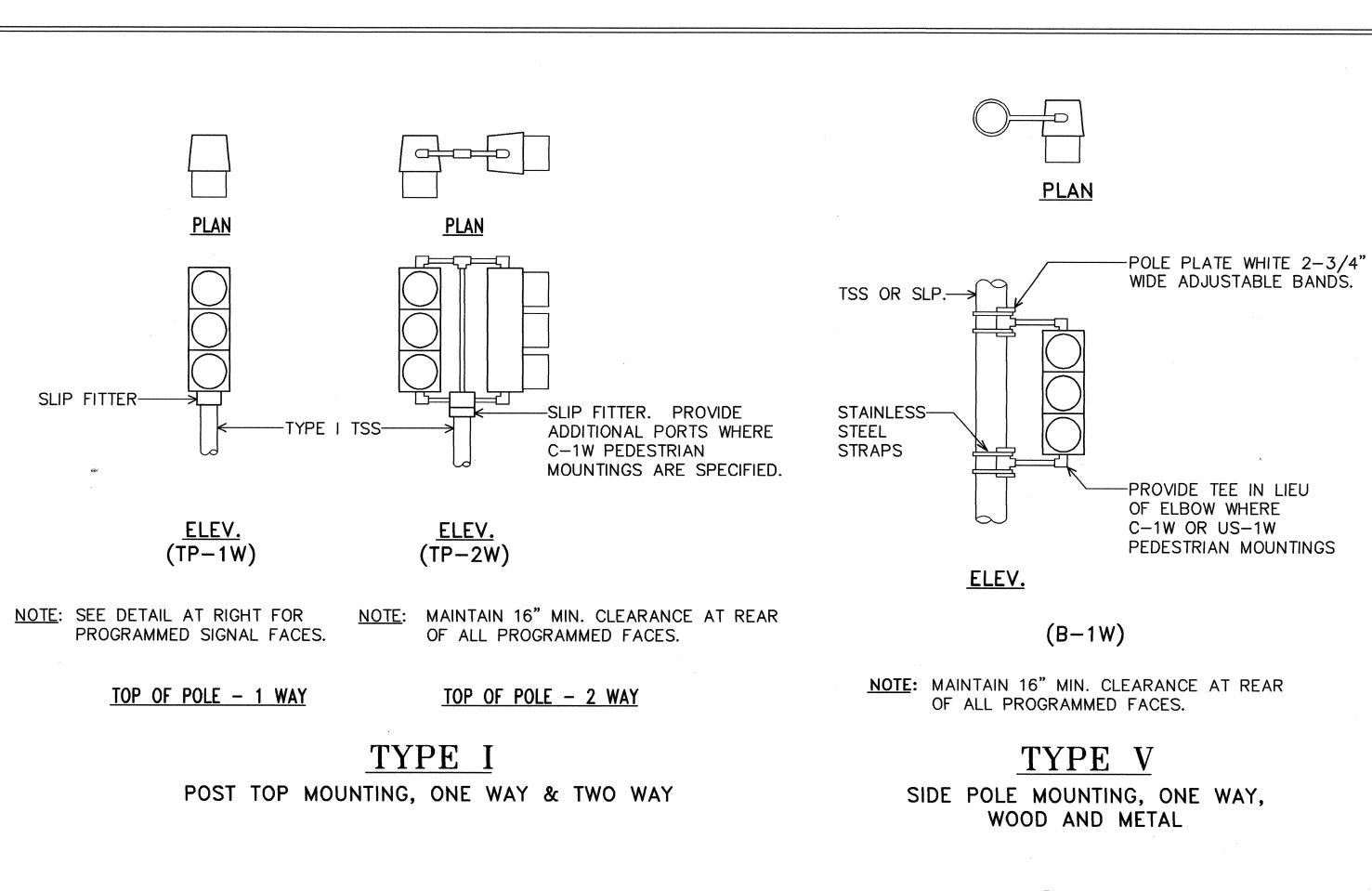
Approved By:

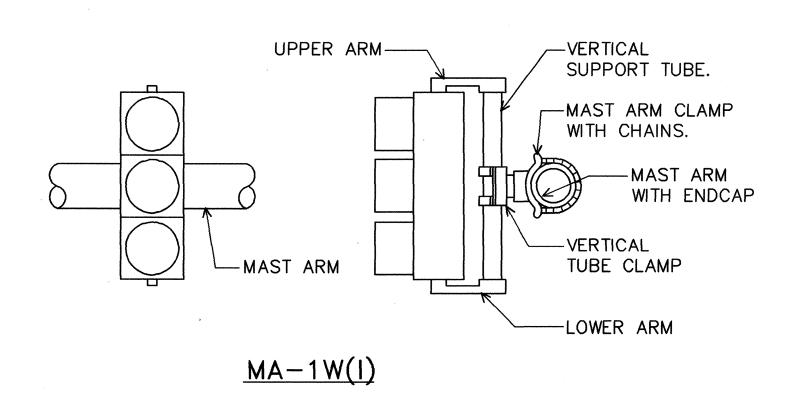
Trim: 22"x36"

43 SHEET <u>E-14</u> of <u>46</u> Sheets

ENVIRONMENTAL CONSULTING 1001 BISHOP STREET HONOLULU, HAWAII 96813 PHONE: 545-7722 FAX: 545-7725 MAKALAPUA QUEEN KAAHUMANU HIGHWAY AND MAKALAPUA BLVD. INTERSECTION

APPROVAL.

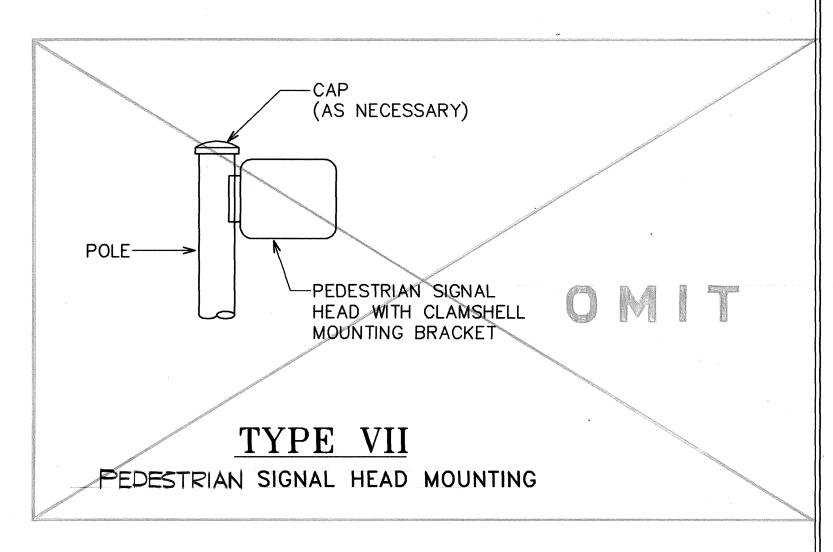




NOTES:

- 1. USE THIS DETAIL FOR ALL MAST ARM MOUNTINGS AT INTERMEDIATE POINTS ALONG MAST ARM.
- 2. USE "CONCEALED" WIRING.
- 3. FURNISH MOUNTING THAT IS COMPATIBLE WITH TYPE OF SIGNAL TO BE INSTALLED.

TYPE VI ADJUSTABLE MAST ARM MOUNTING



REGISTERED

Fax: (808)538-7819

Drawn By: GN

Date: OCTOBER 1993

PROFESSIONAL

ENVIRONMENTAL CONSULTING

TRAFFIC SIGNAL MOUNTING DETAILS (E-15) NOT TO SCALE

