HOUSING FIXTURE - THREE 12" DISPLAYS

TERMINAL BLOCK
INSTALL 5 AMP QUICK DISCONNECT FOR R, O, & G CONDUCTORS. INSTALL UNFUSED QUICK DISCONNECT FOR W CONDUCTOR. HEAT SHRINK CAP FOR B CONDUCTOR. SEE STANDARD SPEC. 9-29.7 PULL QUICK DISCONNECTS TIGHT TO CONDUIT.

IMSA 20-1 SC #14 CABLE - CONTINUING TO UPPER TRAFFIC SIGNAL HEAD

BRONZE 12 SECTION TERMINAL COMPARTMENT
FIELD DRILL HOLE AND INSERT AN INSULINER OR SIMILAR DEVICE TO PROTECT CONDUCTORS

INSTALL SIZED REDUCING WASHER AND CONNECTOR TO SECURE CONDUCTORS AT TOP OF POLE

1/4" WEEP HOLE

SPARE WIRE (TYP.) - HEAT SHRINK CAPPED CABLE TIE TO IMSA 20-1 SC #14 CABLE (SEE NOTE 5)

LEVELING NUT (TYP.) - SEE NOTE 4

EQUIPMENT GROUNDING CONDUCTOR

GROUNDING STUD WITH NUT - SEE STANDARD PLAN J-22.20 FOR GROUND CONNECTION DETAILS

COLOR CODE

RED DISPLAY
 AMBER DISPLAY
 GREEN DISPLAY
 NEUTRAL CONDUCTOR
 SPARE CONDUCTOR

NOTES

2. See Standard Specifications 9-29.17 for additional Mounting Bracket and Fitting information not shown.
3. Supplemental Grounding Conductor shall be non-insulated #4 AWG stranded copper, provide 3' - 0" min. slack. Clamp to steel reinforcing bar with connector suitable for use embedded in concrete.
4. Top of Leveling Nut height shall be 1" maximum above foundation.
5. Heat shrink cap all spare conductors not terminated on a terminal strip.
6. Provide Cable cap at wiring entering the Junction Box (for Slip Base installations only)

IMSA 20-1 5C #14 CABLE - CONTINUED FROM FOUNDATION WIRING

PULL QUICK DISCONNECTS TIGHT TO CONDUIT.

POLE

HAND HOLE

CONDUIT COUPLING - INSTALL FLUSH WITH TOP OF FOUNDATION (DO NOT GLUE PVC STUBOUT)

SUPPLEMENTAL GROUNDING CONDUCTOR - SEE NOTE 3

CLAMP CONDUCTOR TO STEEL, REINFORCING WITH LISTED CONNECTOR SUITABLE FOR USE EMBEDDED IN CONCRETE

FOUNATION WIRING

ELECTRICAL CONDUIT TO JUNCTION BOX - SEE CONTRACT PLANS FOR DIAMETER