



- 1 NOT USED
- 2 DUCTBANK WINDOW WIDTH SHALL BE LIMITED TO ONE-THIRD (1/3) OF THE WALL WIDTH,  
I.E. 2'-0" FOR A 6'-0" WALL.
- 3 PRECAST MANHOLES MAY BE USED IN LIEU OF THE CAST-IN-PLACE CONCRETE MANHOLE SHOWN  
AT THE CONTRACTOR'S OPTION. PRECAST MANHOLES SHALL BE RATED FOR H-20 TRAFFIC LOADS.  
SEE SPECIFICATIONS FOR GENERAL REQUIREMENTS FOR PRECAST UTILITY STRUCTURES.

TYPICAL ELECTRICAL MANHOLE – SECTION

1611802



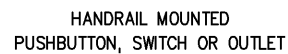
1611801



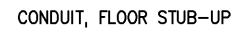
## ALTERNATIVE SLEEVE INSTALLATION

## GROUND CABLE SLEEVE INSTALLATION

1617001



1613003



1611101



NOTES:

- 1 COAT ALUMINUM SURFACES IN CONTACT WITH CONCRETE PER SPECIFICATIONS.
- 2 SUPPLY 1'-2" DIAMETER X 2'-6" DEEP FOUNDATION WHERE MOUNTING SURFACE IS NOT AVAILABLE.
- 3 USE SST WASHERS, NUTS AND BOLTS FOR MOUNTING DEVICES.

### TYPICAL PUSHBUTTON STATION INSTALLATION DETAIL

1613001



- 1 REFER TO JOB SPECIFICATION FOR MINIMUM SYSTEM RESISTANCE TO GROUND. IF THIS RESISTANCE CANNOT BE MET WITH SINGLE 10'-0" RODS, ADD ADDITIONAL SECTIONS TO RODS OR ADD NEW RODS AS REQUIRED, SPACED 6'-0" TO 10'-0" FROM EXISTING RODS.

### ELECTRICAL INSTALLATION DETAIL GROUND ROD ASSEMBLY

1617003



NOTES:

- 1 COAT ALUMINUM SURFACES IN CONTACT WITH CONCRETE PER SPECIFICATIONS.
- 2 CONSTRUCT 1'-6" DIA X 2'-6" DEEP CONCRETE FOUNDATION WHERE NO CONCRETE SLAB EXISTS.
- 3 USE SST WASHERS, NUTS AND BOLTS FOR MOUNTING DEVICES.

## LARGE RECEPTACLE SUPPORT AND MOUNTING

1613002

[illegible]