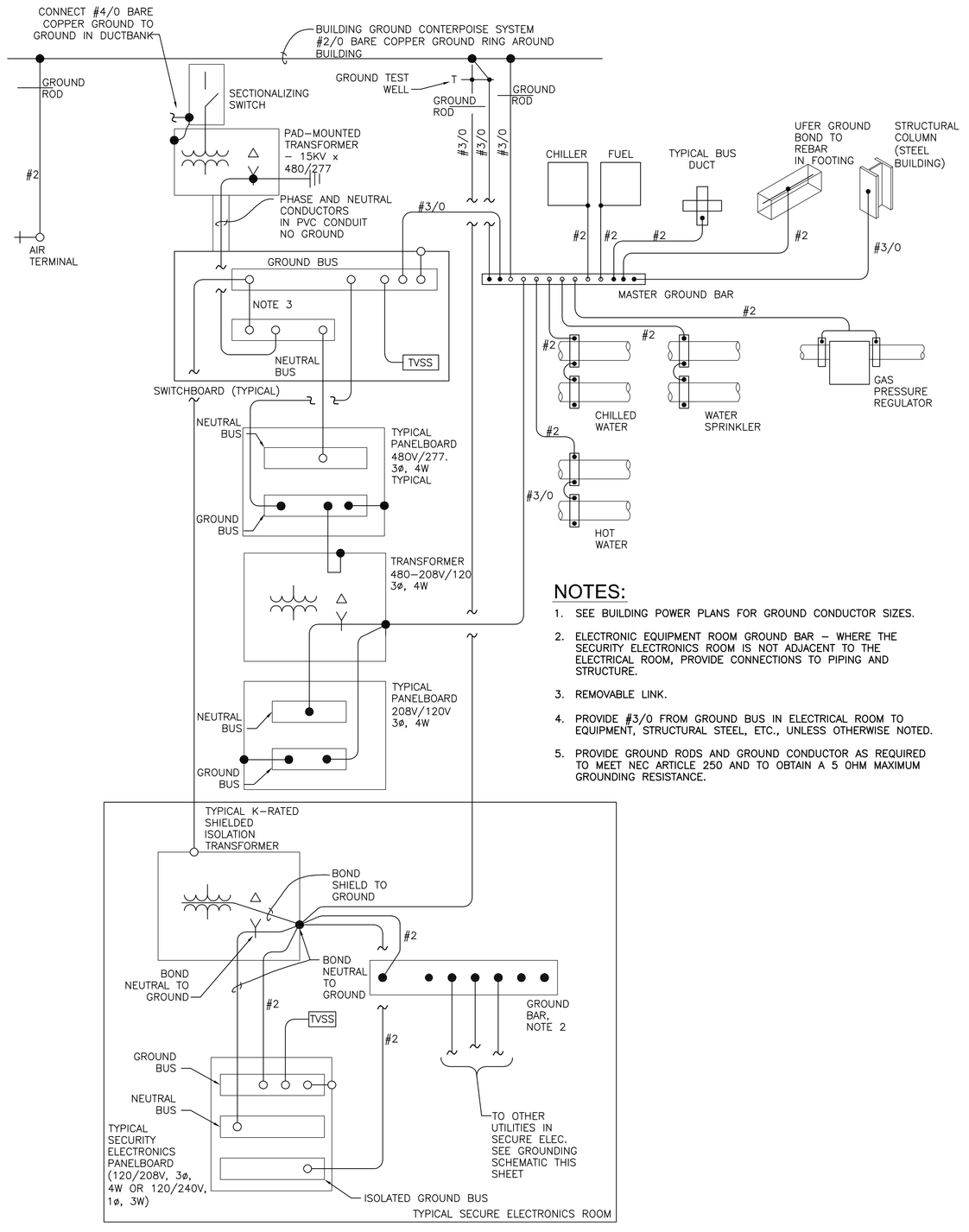
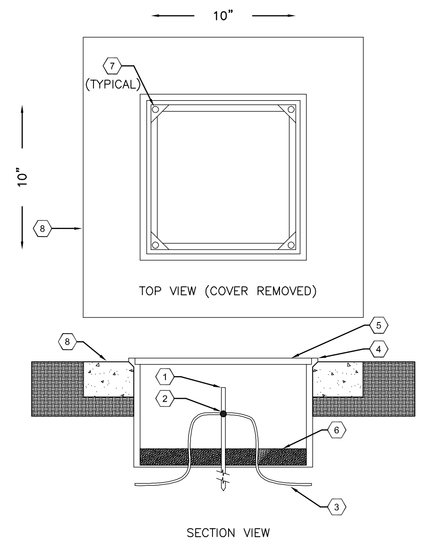


NOTES:

1. SEE BUILDING POWER PLANS FOR GROUND CONDUCTOR SIZES.
2. ELECTRONIC EQUIPMENT ROOM GROUND BAR – WHERE THE SECURITY ELECTRONICS ROOM IS NOT ADJACENT TO THE ELECTRICAL ROOM, PROVIDE CONNECTIONS TO PIPING AND STRUCTURE.
3. REMOVABLE LINK.
4. PROVIDE #3/0 FROM GROUND BUS IN ELECTRICAL ROOM TO EQUIPMENT, STRUCTURAL STEEL, ETC., UNLESS OTHERWISE NOTED.
5. PROVIDE GROUND RODS AND GROUND CONDUCTOR AS REQUIRED TO MEET NEC ARTICLE 250 AND TO OBTAIN A 5 OHM MAXIMUM GROUNDING RESISTANCE.

3 TYPICAL BUILDING AREA GROUNDING DETAIL

NTS

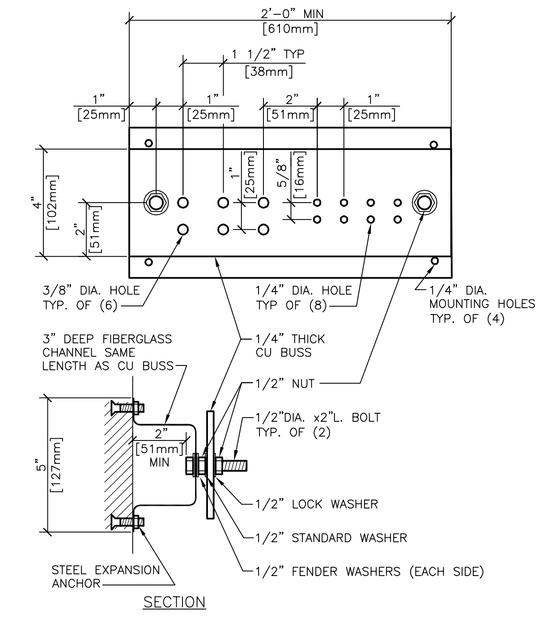


KEYNOTES:

1. GROUND ROD.
2. EXOTHERMIC WELD.
3. GROUNDING CONDUCTOR (BARE COPPER)
4. POLYMER CONCRETE FIBERGLASS REINFORCED BOX.
5. COVER FOR ABOVE BOX.
6. GRAVEL OR CRUSHED STONE.
7. TAMPERPROOF FASTENERS FOR LID.
8. 3000 PSI CONCRETE IAW MANUFACTURER RECOMMENDATIONS.

2 GROUND ROD TEST WELL DETAIL

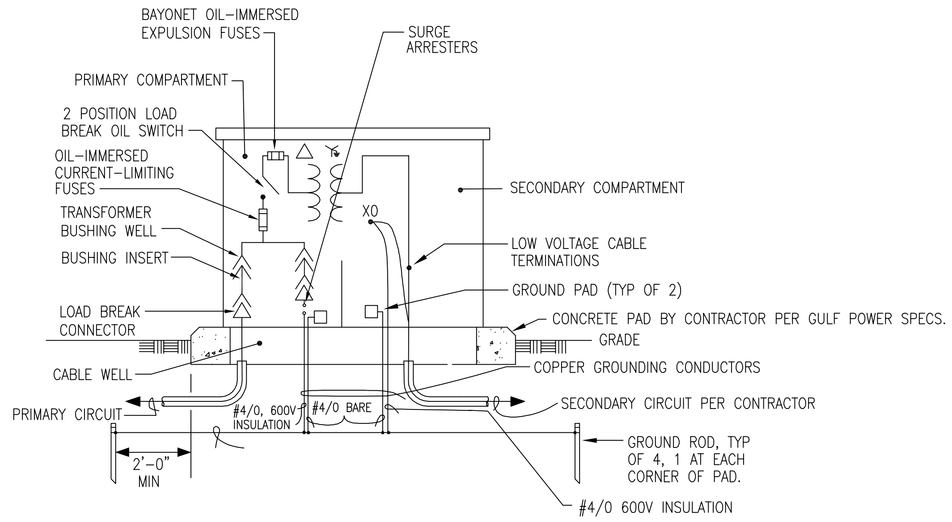
NTS



GENERAL NOTES
1. ALL HARDWARE SHOWN SHALL BE STAINLESS STEEL.
2. PROVIDE 1 MOUNTING POINT PER 12" OF BAR LENGTH.
3. HOLES MAY BE ADDED IF REQUIRED.

4 GROUNDING BAR DETAIL

NTS

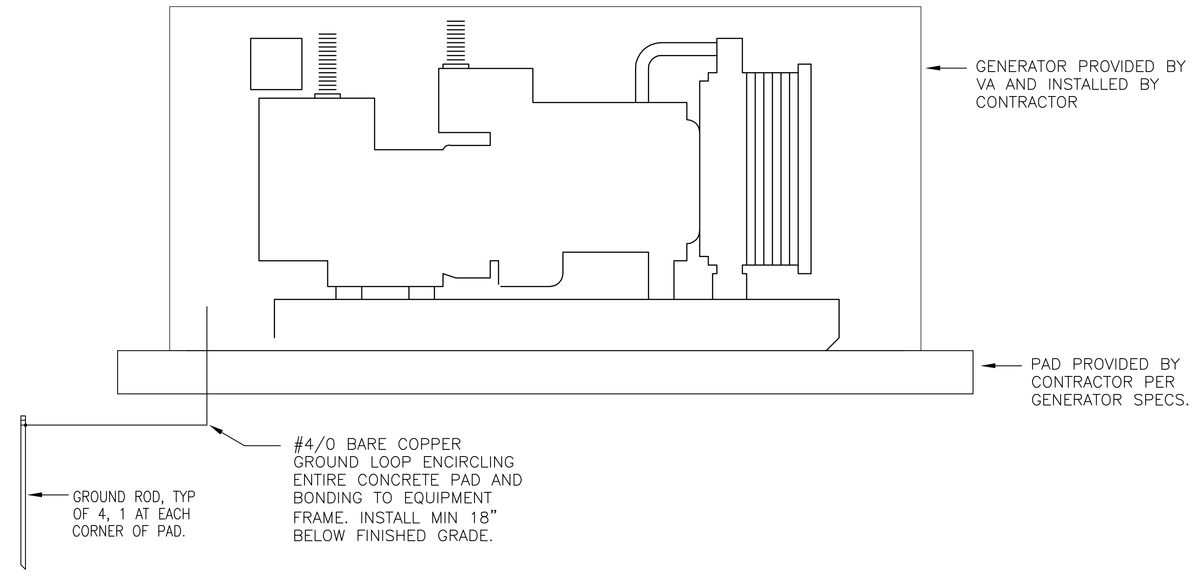


1 UTILITY PAD-MOUNTED TRANSFORMER DETAIL

NTS

NOTES:

1. GULF POWER WILL PROVIDE PAD MOUNT TRANSFORMER.
2. CONTRACTOR WILL PROVIDE PRIMARY CONDUITS AND PAD PER GULF POWER SPECS.
3. CONTRACTOR WILL PROVIDE SECONDARY SERVICE LATERAL CONDUCTORS AND CONDUIT.



5 GENERATOR GROUNDING DETAIL

NTS

NOTES:

1. VA SHALL PROVIDE GENERATOR AND STORAGE TANK ONLY. CONTRACTOR WILL PROVIDE GENERATOR PAD AND TRANSFER SWITCH PER GENERATOR SPECS. AND BE RESPONSIBLE FOR ALL GENERATOR INSTALLATION.

FINAL SUBMISSION / FULLY SPRINKLERED

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Drawing Title: GROUNDING DETAILS

Approved Project Director:

Project Title: CONSTRUCT VA OUTPATIENT CLINIC, PANAMA CITY

Location: PANAMA CITY, FLORIDA

Date: APRIL 2013 | Checked: KDE | Drawn: GWS

Project Number: 520-326

Building Number: -

Drawing Number: EG102

Dwg. 18 of 19

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231