



**KEYED NOTES**

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| <p>1 NO.27G, #2AWG STRANDED, GREEN INSULATED CONDUCTOR. INTERNAL PERIMETER GROUND BUS. CONNECTED TO MGB AT ONE END. TYPICAL</p>                   | <p>8 BOND AC ELECTRIC SERVICE TO MGB PER NFPA 70</p>  | <p>15 TELCO GROUND TO MGB</p>  |
| <p>2 EQUIPMENT RACK CHASSIS AND EQUIPMENT GROUND CONDUCTORS TO MGB</p>  | <p>9 SHELTER COUNTERPOISE GROUND LOOP. NO. 2T, SOFT-DRAWN TINNED SOLID COOPER CONDUCTOR RUN 30" MIN. OR BELOW FROST LINE.</p> | <p>16 NO. EPK12, ENTRANCE PANEL KIT WITH THROUGH WALL MOUNTING OF EXTERIOR GROUND BAR AND INTERNAL (MGB) GROUND BAR.</p>                               |
| <p>3 BOND EXHAUST FAN AND AIR VENTS TO INTERNAL PERIMETER GROUND BUS CONDUCTOR WITH NO. 6-7G CONDUCTOR, NO. CT2248LD TAP AND NO. GECLB62A LUG</p> | <p>10 BOND BETWEEN UTILITY GROUND AND SHELTER COUNTERPOISE WITH NO. 2T, SOFT-DRAWN TINNED SOLID COOPER CONDUCTOR</p>          | <p>17 THE EPK12 ENTRANCE PANEL KIT PROVIDES A GROUND STRAP (1/32" X 3") ASSEMBLY THAT IS EASILY EXOTHERMICALLY WELDED TO THE SHELTER COUNTERPOISE.</p> |
| <p>4 BOND DOOR FRAME TO INTERNAL PERIMETER GROUND BUS CONDUCTOR WITH NO. 6-7G CONDUCTOR, NO. CT2248LD TAP AND NO. GECLB62A LUG</p>                | <p>11 ULTRAWELD NO. GD582SB CONNECTION WITH NO. UWM65 WELD METAL</p>  | <p>18 UPS EQUIPMENT GROUND CONDUCTOR TO MGB</p>  |
| <p>5 NO. HSC STYLE HALO STANDOFF CLAMP</p>  | <p>12 NO. 5810, 5/8"X10' COPPER CLAD GROUND ROD. UTILITY SERVICE GROUND</p>   | <p>19 ULTRAWELD NO. PT2S2SB CONNECTION WITH NO. UWM65 WELD METAL OR NO. RT2S2SB WITH NO. UWM45 WELDMETAL. TYPICAL</p>                                  |
| <p>6 HVAC UNIT</p>  | <p>13 BOND CABLE TRAY TO MGB</p>  | <p>20 TO TOWER GROUND ELECTRODE SYSTEM</p>   |
| <p>7 HVAC EQUIPMENT GROUNDING CONDUCTOR TO MGB</p>  | <p>14 COAX ENTRY PORT</p>   |  |



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