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**A NEW RANGER STATION AT CLAYSTONE PARK FOR MACON-BIBB COUNTY**  
MOSLEY DIXON ROAD MACON, GEORGIA

Table with columns for VOLTAGE, PHASE, WIRE, BUS AMPS, PANEL, MAIN AMPS, CXT NO, BUS CONN, BRKR, CXT NO, AMP, LOCATION MOUNTING MAN, ELEC. ROOM SURFACE, and DESCRIPTION. Includes sub-totals for bus A, B, and total.

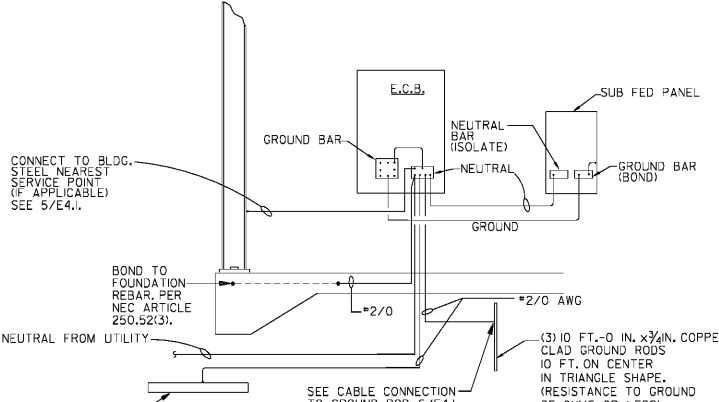
Table with columns for VOLTAGE, PHASE, WIRE, BUS AMPS, PANEL, MAIN AMPS, CXT NO, BUS CONN, BRKR, CXT NO, AMP, LOCATION MOUNTING MAN, ELEC. ROOM SURFACE, and DESCRIPTION. Includes sub-totals for bus A, B, and total.

Table with columns for VOLTAGE, PHASE, WIRE, BUS AMPS, PANEL, MAIN AMPS, CXT NO, BUS CONN, BRKR, CXT NO, AMP, LOCATION MOUNTING MAN, GATEHOUSE SURFACE, and DESCRIPTION. Includes sub-totals for bus A, B, and total.

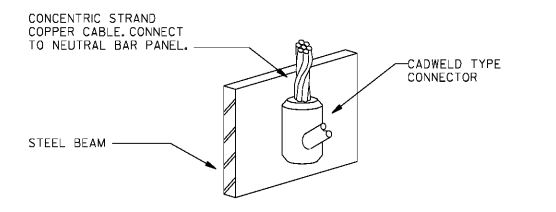
MECHANICAL EQUIPMENT POWER SCHEDULE table with columns: UNIT NAME, VOLTAGE/PHASE, CIRCUIT BREAKER, PANEL NAME/CIRCUIT NUMBER, FEEDER, DISCONNECT SWITCH, NOTES. Lists equipment like HP-1, HP-2, HP-3, AH-1, AH-2, AH-3, CU-1/AC-1, EF-1, EF-2, EF-3, EF-4, EF-5, EF-6, EWH-1, EWH-2, DHU-1, WH-1, RC PUMP, CU-1/AC-1(GH), DHU-1(GH), EF-3(GH), EWH-1(RR), EWH-2(RR), EF-1(RR), and EF-2(RR).

- 1. SEE MECHANICAL CONTRACT FOR CONTROL REQUIREMENTS.
2. PROVIDE DUCT SMOKE EXTRACTOR IN SUPPLY AIR DUCT.
3. INDOOR UNIT POWERED FROM OUTDOOR UNIT. PROVIDE MOTOR RATED SWITCH AT INDOOR UNIT. INTERLOCK AND POWER PAN VIA LIGHTING CIRCUIT IN AREA SERVED. PROVIDE TIME DELAY.
4. ALL EQUIPMENT TO BE CONTROLLED BY SWITCH IN ROOM IT SERVES.
5. PROVIDE 240V POWER TO CONDENSATE PUMP ADJACENT MECHANICAL UNIT.
6. GATEHOUSE, RR = RESTROOM.

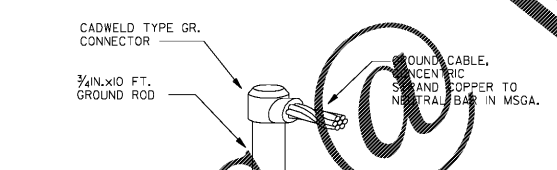
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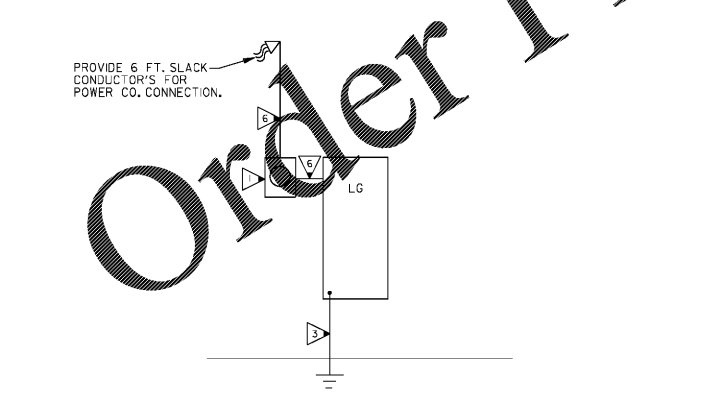
4 BUILDING GROUNDING  
E4-1 NOT TO SCALE



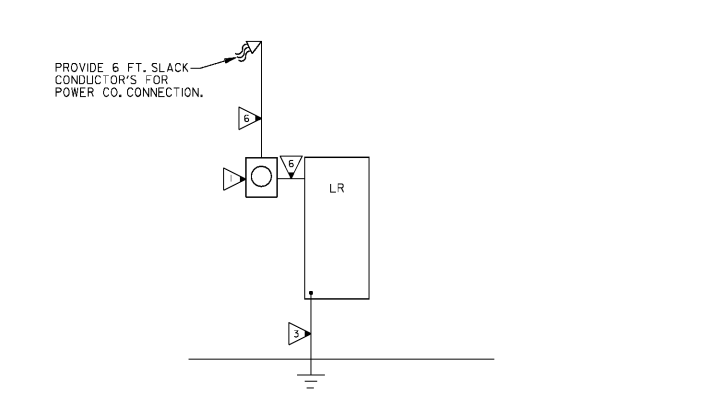
5 CABLE CONNECTION TO STEEL BEAM  
E4-1 NOT TO SCALE



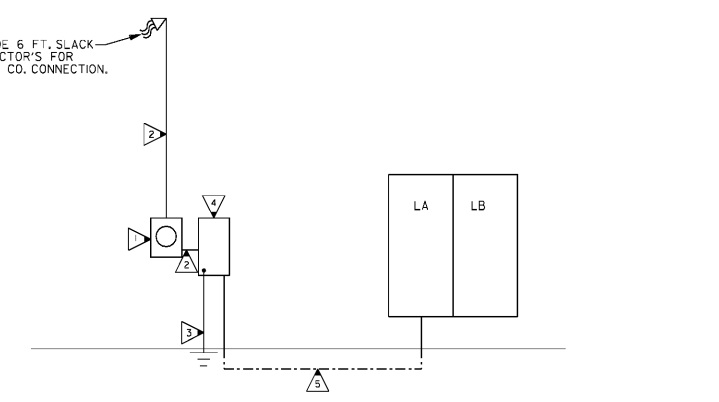
6 CABLE CONNECTION TO GROUND ROD  
E4-1 NOT TO SCALE



3 NEW GATEHOUSE POWER RISER DIAGRAM  
E4-1 NOT TO SCALE



2 NEW RESTROOMS POWER RISER DIAGRAM  
E4-1 NOT TO SCALE



1 RANGER STATION POWER RISER DIAGRAM  
E4-1 NOT TO SCALE

- KEYED NOTES: (THIS SHEET ONLY)
1. METER BASE SUPPLIED BY POWER COMPANY AND INSTALLED BY CONTRACTOR. CONTRACTOR TO PAY ALL COSTS FOR METER BASE AND SERVICE SHOWN.
2. 2 SETS; 3 #350MCM, 3 INCH.
3. SEE SERVICE GROUNDING DETAIL, 4/E4-1.
4. SERVICE ENTRANCE RATED, 400A/2P/3R DISCONNECT, 14KAIC MINIMUM.
5. 2 SETS; 3 #350MCM, #3/0G, 3 INCH.
6. 3 #3, 1/4 INCH.

Revisions table with columns for Revisions, Description, and Date.

Sheet Title: RISER DIAGRAM AND SCHEDULES

Project #: 1819 Date: 12/19/2019



**E4.1**