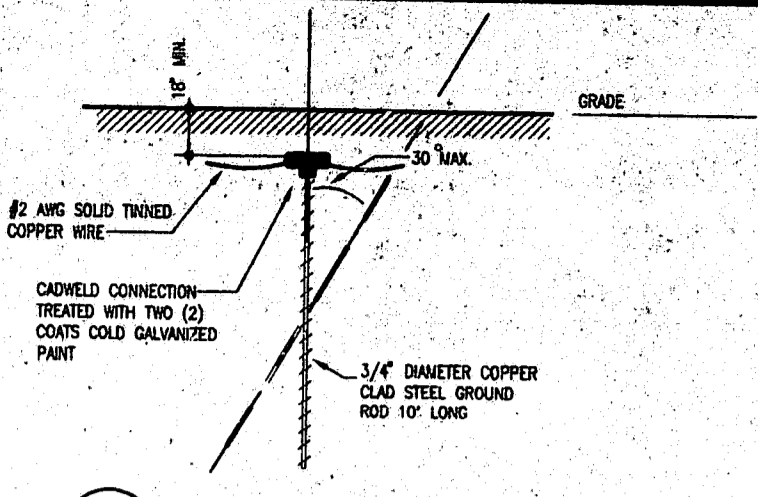
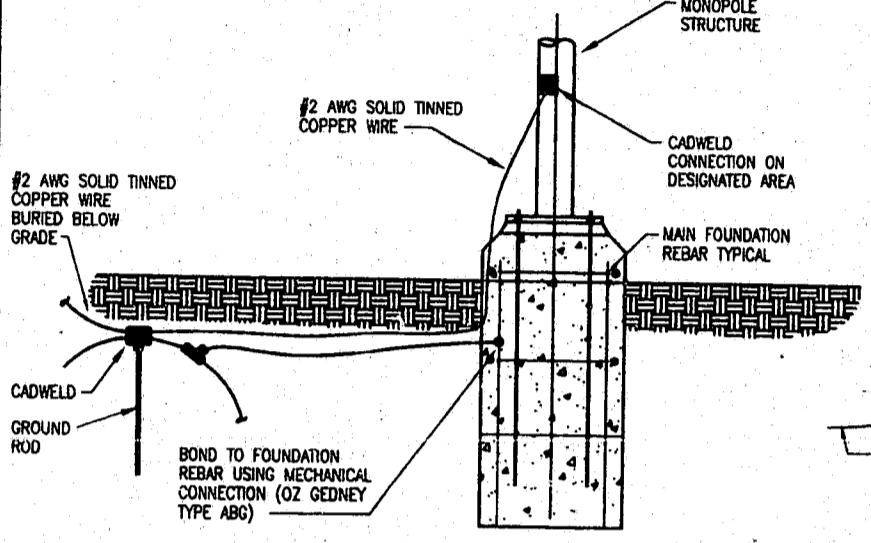


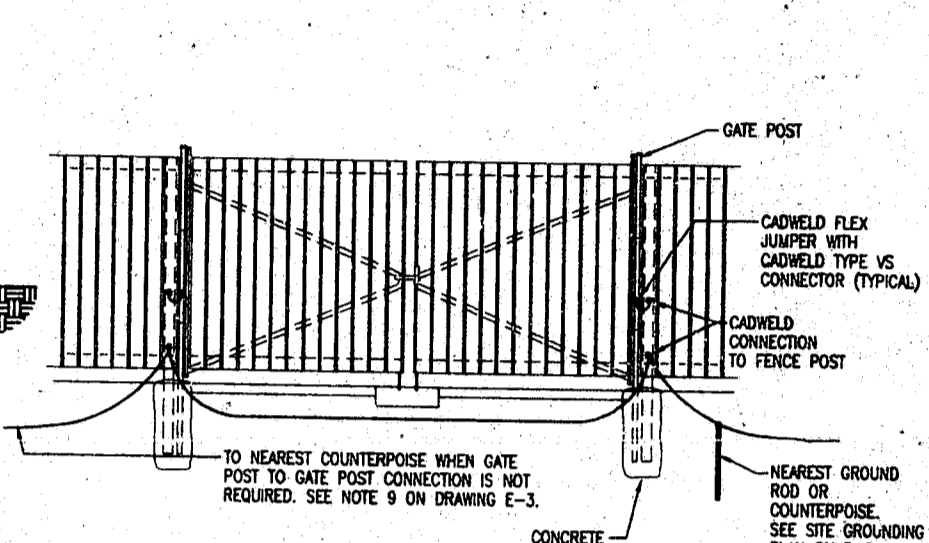
1 UTILITY TRENCH DETAIL  
SCALE: NTS



2 TYPICAL GROUND ROD  
SCALE: NTS



3 GROUNDING DETAIL FOR MONOPOLE FOUNDATION  
SCALE: NTS



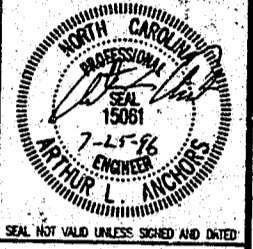
4 GROUNDING AT FENCE GATE POST  
SCALE: NTS

|     |         |  |    |    |
|-----|---------|--|----|----|
| A   | 7/25/96 | ISSUED FOR PERMITTING, BIDS AND OTHER REVIEW | BY | AA |
| NO. | DATE    | REVISION DESCRIPTION                         | BY | DD |

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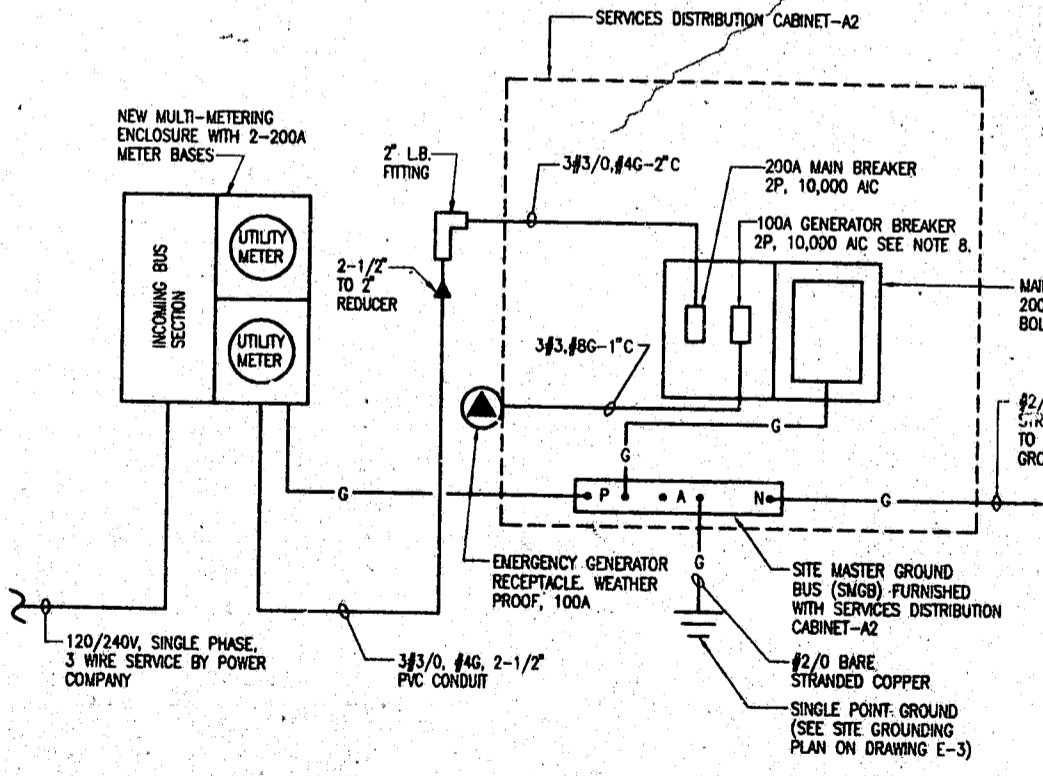
09-368-135-A  
DETAILS

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Tel: 919/782-6501 Fax: 919/782-6502

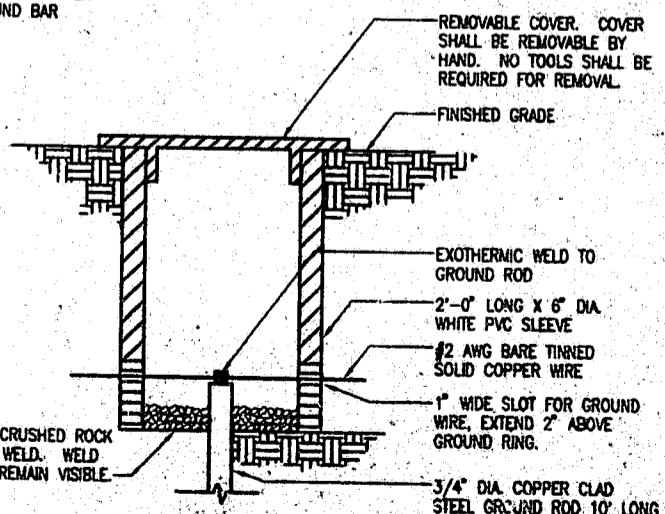


|                              |                                  |
|------------------------------|----------------------------------|
| PROJECT MANAGER<br>J. LATHAN | DEPARTMENT MANAGER<br>A. ANCHORS |
| LEAD DESIGN PROJ.<br>R. WITT | CHECKED<br>A. ANCHORS            |
| DRAWN<br>G. SUMERLIN         | DATE<br>7/9/96                   |
| PROJECT NUMBER<br>22597-02   | DRAWING NUMBER<br>E-4            |

- NOTES:
- METER SOCKET TO BE AS PER POWER COMPANY REQUIREMENTS.
  - METER TO BE LOCATED 3'-0" MINIMUM ABOVE FINISHED GRADE.
  - GROUND FAULT PROTECTION REQUIRED FOR UTILITY RECEPTACLES.
  - SERVICE NEUTRAL TO BE GROUNDED TO SMOB.
  - WHITE/NEUTRAL, GREEN/GROUND SHALL BE MAINTAINED THROUGHOUT THE SITE ELECTRICAL SYSTEM.
  - ALL COMPONENTS SHALL BE PREWIRED WITHIN THE SERVICES DISTRIBUTION CABINET-A2.
  - EMERGENCY GENERATOR RECEPTACLE SHALL BE PREWIRED AND MOUNTED ON EXTERIOR OF SERVICES DISTRIBUTION CABINET-A2.
  - EQUIPPED WITH SQUARE "D" WALKING BEAM MECHANICAL INTERLOCK. INTERLOCK PROHIBITS BOTH POWER SOURCES FROM BEING IN THE ON POSITION SIMULTANEOUSLY.
  - ALL TERMINATIONS SHALL BE LISTED AND IDENTIFIED FOR USE WITH 75°C RATED CONDUCTORS.



SERVICES DISTRIBUTION CABINET-A2  
INTERCONNECTION DIAGRAM  
SCALE: NTS



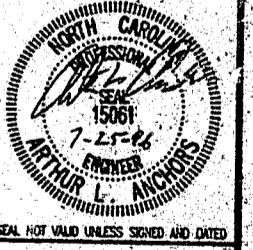
NOTE: SINGLE POINT GROUND ROD ONLY.  
1 GROUND ROD TEST WELL  
SCALE: NTS

|     |         |  |    |    |
|-----|---------|--|----|----|
| A   | 7/25/96 | ISSUED FOR PERMITTING, BIDS AND OTHER REVIEW | BY | AA |
| NO. | DATE    | REVISION DESCRIPTION                         | BY | DD |

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SERVICES DISTRIBUTION CABINET-A2

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910-57-138  
**APPROVED**  
JHT 11-26-96  
JHT 11-26-96

|                              |                                  |
|------------------------------|----------------------------------|
| PROJECT MANAGER<br>J. LATHAN | DEPARTMENT MANAGER<br>A. ANCHORS |
| LEAD DESIGN PROJ.<br>R. WITT | CHECKED<br>A. ANCHORS            |
| DRAWN<br>G. SUMERLIN         | DATE<br>7/9/96                   |
| PROJECT NUMBER<br>22597-02   | DRAWING NUMBER<br>E-5            |