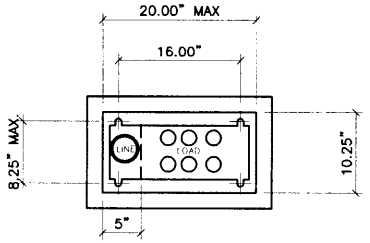
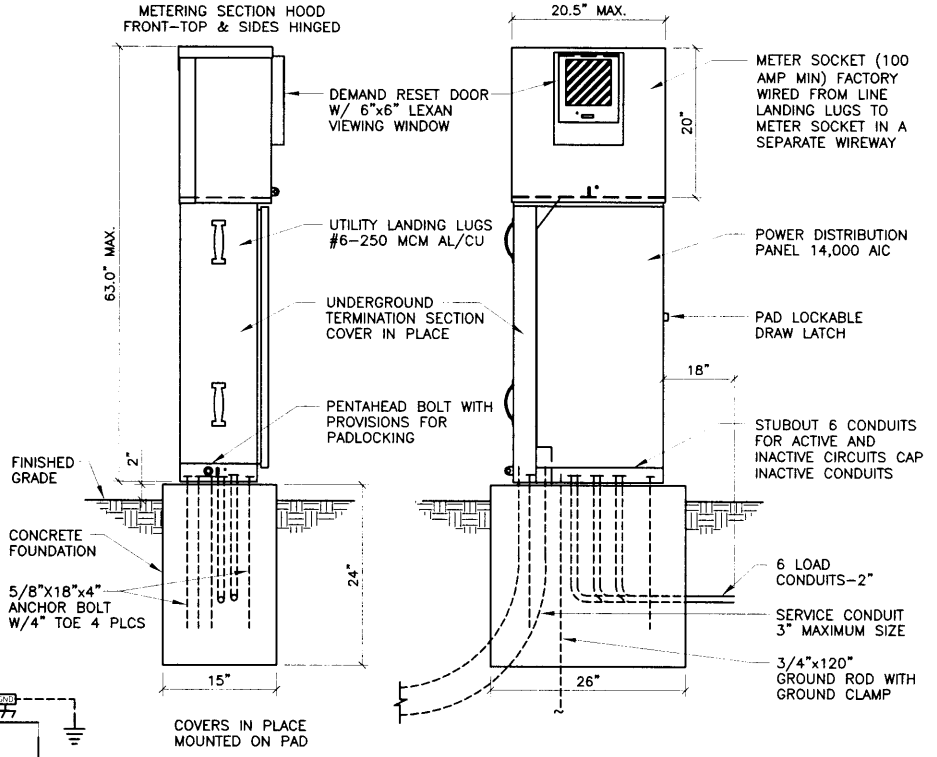
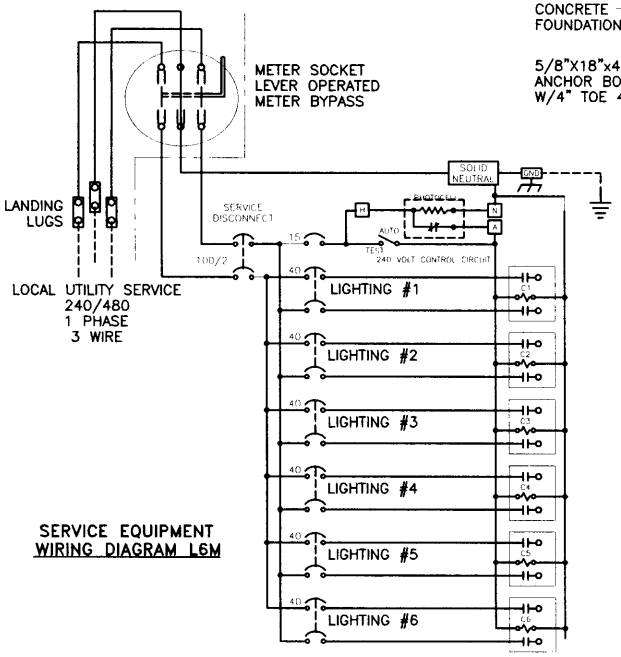


BASE PLAN



LEFT SIDE

FRONT VIEW



SERVICE EQUIPMENT
WIRING DIAGRAM L6M

CONTROL CABINET CONSTRUCTION NOTES

1. CONTROL CABINET SHALL BE UL LISTED "INDUSTRIAL CONTROL PANEL" PER UL 508.
2. CONTROL CABINET SHALL MEET THE ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE (EUSERC) GUIDELINES.
3. CONSTRUCTION SHALL BE NEMA 3R AND 12, RAIN TIGHT AND DUST TIGHT. ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
4. ALL NUTS, BOLTS, SCREWS AND HINGES SHALL BE STAINLESS STEEL.
5. NUTS, BOLTS & SCREWS SHALL NOT BE VISIBLE FROM OUTSIDE OF CABINET.
6. PHENOLIC NAMEPLATES SHALL BE PROVIDED AS REQUIRED.
7. CIRCUIT BREAKERS SHALL BE CABLE IN-CABLE OUT WITH LINE ON TOP & LOAD ON THE BOTTOM. HANDLE POSITION UP="ON", MIDDLE="TRIPPED", DOWN="OFF".
8. A PLASTIC COVERED WIRING DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
9. CABINET SHALL BE FACTORY WIRED AND CONFORM TO REQUIRED NEMA STANDARDS.
10. ALL POWDER CONTROL COATED CONTROL CABINETS SHALL HAVE A CORROSION RESISTANT COATING WHICH INCLUDES A FIVE STEP DIP TANK METAL PREPARATION PROCESS:
    A. ALKALINE CLEANER 160° F.
    B. CLEAR WATER RINSE.
    C. IRON PHOSPHATE APPLICATION 150° F.
    D. CLEAR WATER RINSE.
    E. INHIBITIVE RINSE TO SEAL PHOSPHATED SURFACES 120° F.
    FINISHED WITH AN ELECTROSTATICALLY APPLIED DRY POLYESTER POWDER COATING THEN BAKED @ 380° F TO CURE.
11. CONCRETE FOUNDATIONS FOR CONTROL CABINET INCLUDING EXCAVATION AND BACKFILL, CONCRETE, GROUND RODS AND ANCHOR BOLTS, COMPLETE IN PLACE, WILL BE CONSIDERED INCIDENTAL TO THE METER CONTROL CABINET.

CONSTRUCTION MATERIALS AND FINISH

- ☐ 12 GA HD GALVANIZED SHEET STEEL
  - ☐ POWDER COATED
- ☐ 14 GA #304D STAINLESS STEEL SHEET
  - ☐ POWDER COATED COLOR:
  - ☐ NATURAL
- ☐ 0.125" ALUMINUM SHEET
  - ☐ POWDER COATED COLOR:
  - ☐ ANODIZED

POWDER COAT COLORS

☐ WHITE ☐ RANCH GREEN
☐ MINT GREEN ☐ OTHER _____
☐ CAMEL

PHOTO ELECTRIC CELL

☐ ON LIGHT POLE
☐ IN SERVICE CABINET

REVISIONS	NM APWA
	TRAFFIC STREET LIGHTING CONTROL CABINET SIX CIRCUIT, METERED
	DWG. 2573 FEB. 2006