

ENCLOSURE CONSTRUCTION NOTES:

- 1. EXTERIOR, 1/8" ALUMINUM, AND INTERIOR 14 GA. COLD ROLLED STEEL ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
- CONSTRUCTION WILL BE NEMA 3R, RAINTIGHT.
- 3. ALL NUTS, BOLTS AND SCREWS WILL BE STAINLESS STEEL.
- 4. NUTS, BOLTS AND SCREWS WILL NOT BE VISIBLE FROM OUTSIDE OF THE ENCLOSURE.
- 5. NAMEPLATE WILL BE PROVIDED AS REQUIRED.
- 6. CONTROL WIRING WILL BE MARKED AT BOTH ENDS BY PERMANENT WIRE MARKERS.
- 7. A PLASTIC COVERED WIRING DIAGRAM WILL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
- 8. ENCLOSURE WILL BE FACTORY WIRED AND CONFORM TO REQUIRED NEMA STANDARDS.
- 9. ANODIZE AFTER FABRICATION.
- 10. SERVICE PEDESTAL SHALL BE TESCO CLASS 26-100, OR APPROVED EQUAL. SERVICE CABINET SHALL MEET THE REQUIREMENTS OF THE CITY OF MERCED.
- 11. ALL MAIN BUSSING SHALL BE U.L. APPROVED COPPER THHN CABLE BUSSING, FULLY RATED FOR 125 AMPS.
- 12. CABINET SHALL BE BONDED TO CONDUIT WITH COPPER GROUND WIRE EQUIVALENT TO NO. 6 A.W.G.
- 13. CONDUIT BETWEEN CABINET AND UTILITY COMPANY VAULT SHALL BE 2" MINIMUM.
- 14. A PULLBOX SHALL BE INSTALLED NEXT TO THE BASE WITH 1 1/2" CONDUIT MINIMUM FROM PULLBOX TO CABINET.
- 15. CONDUITS SHALL EXTEND INTO CABINET 1" ABOVE THE FLOOR AND HAVE APPROVED CONDUIT BUSHINGS.
- 16. TOP OF FOUNDATION SHALL BE 12" HIGHER THAN THE SURROUNDING AREA OR PER FEMA REQUIREMENTS, WHICHEVER IS GREATER. IF FOUNDATION IS GREATER THAN 12—INCHES ABOVE THE SURROUNDING AREA, CONTRACTOR SHALL SUPPLY ENGINEERING CALCULATIONS FOR FOUNDATION SIZE.
- 17. CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE UTILITY FOR 120-240 VOLT SERVICE AND SHALL PAY ALL CHARGES AND FEES.
- 18. CABINET SHALL BE AT LEAST 24' FROM FACE OF CURB WHEN PARKWAY EXISTS. WHEN SIDEWALK IS ADJACENT TO THE CURB, PLACE CABINET BEHIND THE SIDEWALK.
- 19. SEE CITY OF MERCED STANDARD DESIGN SL-4 FOR UNMETERED PEDESTAL REQUIREMENTS.

ENGINEERING DEPARTMENT			CITY OF MERCED, CA.	
WIRING DIAGRAM AND CONSTRUCTION NOTES			TC 0	
DRAWN: KE	APPROVED BY / / DATE/		TS-2	
DATE: 12/05	Nava h. Juckey	4/4/06		
REVISED:	CITY ENGINEER	77	SHEET ()F