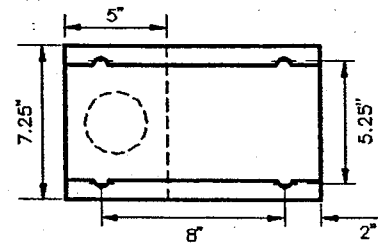
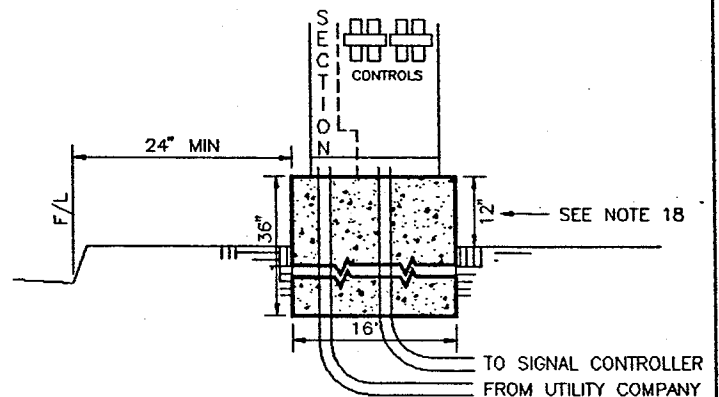


PROFILE



PLAN



FOUNDATION PROFILE

16" x 12" x 36"
(TYPICAL)

NOTES:

1. SERVICE PEDESTAL SHALL BE TESCO CLASS 26-000, OR APPROVED EQUAL. SERVICE CABINET SHALL MEET EUSERC 308 AND THE REQUIREMENTS OF THE CITY OF MERCED. THE SERVICE CABINET SHALL BEAR A UL508 INDUSTRIAL CONTROL PANEL LABEL FOR SERVICE ENTRANCE EQUIPMENT.
2. THE CABINET SHALL BE COMPLETELY PREWIRED IN THE FACTORY. WIRING SHALL BE TO NEMA IIB STANDARDS SHOWING EXTERNAL CONNECTIONS AND EQUIPMENT.
3. THE CABINET SHALL HAVE A MAXIMUM HEIGHT, WIDTH AND DEPTH OF 63", 12" AND 9" RESPECTIVELY.
4. THE CABINET SHALL HAVE NO EXPOSED NUTS, BOLTS, SCREWS, RIVETS, OR OTHER FASTENERS ON THE EXTERIOR.
5. THE CABINET SHALL HAVE AN ENCLOSED SWEEP PULL SECTION WITH REMOVABLE STEP.
6. THE CABINET DOORS SHALL HAVE 2000 POUND STRESS RATED STAINLESS STEEL HASP, WELDED TO THE CABINET AND DOORS.
7. DISTRIBUTION AND CONTROL PANELS SHALL HAVE SEPARATE HINGED DEADFRONT PANELS WITH 1/4 TURN LATCH AND KNURLED KNOBS.
8. BREAKER COMPARTMENT SHALL BE SAFETY BARRIERED FROM THE CONTROL COMPARTMENT.
9. REMOVABLE BACKPAN SHALL BE MOUNTED ON 4 WELDED 1/4" STUDS.
10. ALL CIRCUIT BREAKERS SHALL BE INSTALLED IN A VERTICAL POSITION, HANDLE UP FOR "ON", HANDLE DOWN FOR "OFF".
11. CIRCUIT BREAKER SHALL BE INDUSTRIAL GRADE, WESTINGHOUSE QUICKLAG C OR EQUAL.
12. PLUG IN BREAKERS SHALL NOT BE USED.
13. ALL MAIN BUSSING SHALL BE U.L. APPROVED COPPER THHN CABLE BUSSING, FULLY RATED FOR 125 AMPS.
14. CABINET SHALL BE BONDED TO CONDUIT WITH COPPER GROUND WIRE EQUIVALENT TO NO. 6 A.W.G.
15. CONDUIT BETWEEN CABINET AND UTILITY COMPANY VAULT SHALL BE 2" MINIMUM.
16. A PULLBOX SHALL BE INSTALLED NEXT TO THE BASE WITH 1 1/2" CONDUIT MINIMUM FROM PULLBOX TO CABINET.
17. CONDUITS SHALL EXTEND INTO CABINET 1" ABOVE THE FLOOR AND HAVE APPROVED CONDUIT BUSHINGS.
18. 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.
19. CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE UTILITY FOR 120-240 VOLT SERVICE AND SHALL PAY ALL CHARGES AND FEES.
20. 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.
21. SEE CITY OF MERCED STANDARD DESIGN TS-1 FOR METERED PEDESTAL REQUIREMENTS.

ENGINEERING DEPARTMENT		CITY OF MERCED, CA.	
UNDERGROUND ELECTRICAL FEED POINT - UNMETERED			
DRAWN: MP	APPROVED BY:	DATE	SL-4
ENG.	<i>Steven M. Stroud</i>	12-12-94	
REVISED: 11/94	CITY ENGINEER		
SHEET			OF