1. SERVICE EQUIPMENT ENCLOSURES AND METERING EQUIPMENT SHALL MEET THE REQUIREMENTS OF THE SERVING UTILITY. WHEN THE SERVING UTILITY PROVIDES BOTH METERED AND UNMETERED CIRCUITS, A SEPARATE BUS SHALL BE PROVIDED FOR EACH CIRCUIT. THE METER AREA SHALL HAVE A SEALABLE, LOCKABLE, RAINTIGHT COVER THAT CAN BE REMOVED WITHOUT THE USE OF TOOLS.
2. SERVICE EQUIPMENT ENCLOSURES SHALL BE FACTORY WIRED AND CONFORM TO NEMA STANDARDS.
3. SERVICE EQUIPMENT ENCLOSURES SHALL BE FABRICATED FROM GALVANIZED SHEET STEEL OR FABRICATED FROM SHEET STEEL AND ZINC OR CADMIUM PLATED AFTER FABRICATION.
4. SERVICE EQUIPMENT ENCLOSURES SHALL BE CONSTRUCTED OF 12 GAGE OR THICKER COLD ROLLED STEEL. CABINET COVERS SHALL BE CONSTRUCTED OF 14 GAGE OR THICKER COLD ROLLED STEEL. INTERIOR PANELS SHALL BE CONSTRUCTED OF 16 GAGE OR THICKER COLD ROLLED STEEL, FINISHED WITH A GREEN BAKED ENAMEL, AND CONFORM TO SECTION 86 – 2.11 "SERVICE" OF THE STANDARD SPECIFICATIONS.
5. THE DEAD FRONT PANELS ON SERVICE EQUIPMENT ENCLOSURES SHALL HAVE A CONTINUOUS STAINLESS STEEL PIANO HINGE. THE PANEL IN FRONT OF THE BREAKERS SHALL BE SECURED WITH CAPTIVE SCREWS; THE LOWER PANEL SHALL BE SECURED WITH A LATCH OR CAPTIVE SCREWS.
6. THE EXTERIOR DOOR SHALL HAVE PROVISIONS FOR PADLOCKING WITH A CITY-FURNISHED LOCK. THE PADLOCK HOLE SHALL BE A MINIMUM DIAMETER OF 7 /16 INCH.
7. FASTENERS ON THE EXTERIOR OF THE ENCLOSURE SHALL BE VANDAL-RESISTANT AND SHALL NOT BE REMOVABLE FROM THE EXTERIOR. ALL SCREWS, NUTS, BOLTS, AND WASHERS SHALL BE STAINLESS STEEL.
8. TERMINAL LUGS SHALL BE COPPER OR TIN-PLATED ALUMINUM. SOLID NEUTRAL TERMINAL STRIP SHALL BE RATED FOR 200 AMPERES AND FOR USE WITH COPPER CONDUCTORS. ALL TERMINALS SHALL BE COMPATIBLE WITH COPPER CONDUCTORS TO SUIT THE CONDUCTORS SHOWN ON THE PLAN. THE TERMINALS SHALL INCLUDE BUT ARE NOT LIMITED TO:
   A) INCOMING TERMINALS (LANDING LUGS).
   B) NEUTRAL LUGS.
   C) SOLID NEUTRAL TERMINAL STRIP.
   D) TERMINAL STRIPS FOR CONDUCTORS WITHIN THE ENCLOSURE.
9. AT LEAST 6 STANDARD SINGLE POLE CIRCUIT BREAKER SPACES (3 /4" NOMINAL) SHALL BE PROVIDED.
10. ALL CONTROL WIRING SHALL BE 600-VOLT NO. 14 STRANDED MACHINE TOOL WIRE. WHERE SUBJECT TO FLEXING, 19 STRAND WIRE SHALL BE USED.
11. ALL MAIN BUSSING INCLUDING P.G.&E. LANDING LUGS SHALL BE RATED FOR 200 AMPERES UNLESS SHOWN OTHERWISE ON DRAWINGS AND FOR USE WITH COPPER CONDUCTORS.
12. A PLASTIC LAMINATED WIRING DIAGRAM SHALL BE PROVIDED WITH BRASS MOUNTING EYELETS AND ATTACHED TO THE INSIDE OF THE ENCLOSURE OR THE WIRING DIAGRAM SHALL BE MOUNTED TO THE INTERIOR OF THE DOOR WITH AN UL OR ETL APPROVED METHOD.

APPROVED BY	SERVICE EQUIPMENT TYPE III (III M) NOTES		DRAWING NO.
DATE 3/2/92	DEPARTMENT OF PUBLIC WORKS	CITY OF SAN JOSE CALIFORNIA	E-29