

**NOTES:**

- ENCLOSURE SHALL MEET EUSERC REQUIREMENTS.
- FABRICATED FROM 5052 1/8" ALUMINUM.
- INTERIOR SHALL BE FABRICATED FROM 14 GAUGE COLD ROLLED STEEL AND PAINTED WHITE.
- ENCLOSURE SHALL BE ANODIZED AFTER FABRICATION.
- ENCLOSURE SHALL HAVE CONTINUOUS WELDED SEAMS.
- FULL LENGTH DEAD FRONT WITH STAINLESS STEEL HINGE.
- FABRICATED BY A MANUFACTURER CARRYING A UL 508 LISTING.
- ENCLOSURE SHALL HAVE PULL SECTION WITH REMOVABLE STEP.
- FULLY FRAMED SIDE HINGED OUTER DOOR WITH SWAGED CLOSE TOLERANCE SIDES FOR FLUSH FIT WITH TOP DRIP LIP AND CLOSED CELL NEOPRENE FLANGE COMPRESSED GASKETS.
- HINGED DEAD FRONT WITH 1/4 TURN LATCH AND KNURLED KNOBS.
- DEAD FRONT DOOR SHALL BE HINGED ON THE SAME SIDE AS EXTERIOR DOOR AND OPEN A MINIMUM OF 100'.
- REMOVABLE BACK PAN SHALL BE MOUNTED ON 4 WELDED 1/4" STUDS.
- ALL CIRCUIT BREAKERS SHALL BE MOUNTED IN A VERTICAL POSITION, HANDLE UP FOR "ON" HANDLE DOWN FOR "OFF".
- ENCLOSURE SHALL CONSIST OF ABSOLUTELY NO "BOLT-ON" OR "PLUG-IN" CIRCUIT BREAKERS.
- ENCLOSURE SHALL BE COMPLETELY PRE-WIRED IN FACTORY.  
WIRING WILL BE TO NEMA IIB STANDARDS SHOWING EXTERNAL CONNECTIONS AND EXTERNAL EQUIPMENT.
- ALL BUSSING SHALL BE UL APPROVED COPPER THHN CABLE BUSSING, FULLY RATED.
- THE FUNCTION OF ALL CIRCUIT BREAKERS, SWITCHES & OTHER COMPONENTS AS REQUIRED SHALL BE IDENTIFIED BY LAMINATED ENGRAVED PLASTIC NAMEPLATES WITH MINIMUM 1/4" LETTERS FASTENED WITH MINIMUM OF TWO #4-40 STAINLESS STEEL MACHINE SCREWS.
- WIRING SCHEMATICS WILL INCLUDE ALL EXTERNAL EQUIPMENT AND CONNECTIONS PER NEMA IIB.
- AS BUILT FACTORY DRAWINGS SHALL BE ENCLOSED IN CLEAR PLASTIC AND HELD INSIDE THE OUTER DOOR BY WELDED HOOKS.
- MANUFACTURERS WILL BE REQUIRED TO FURNISH INDEPENDENT LABORATORY CERTIFICATION OF METAL PREPARATION AND FINISH AND TO CONFIRM THAT THE OVERALL PRODUCT MEETS THESE SPECIFICATIONS.
- EXTERIOR, 1/8" ALUMINUM, AND INTERIOR 14 GA COLD ROLLED STEEL ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
- CONSTRUCTION WILL BE NEMA 3R, RAIN TIGHT.
- ALL NUTS, BOLTS AND SCREWS WILL BE STAINLESS STEEL.
- NUTS, BOLTS AND SCREWS WILL NOT BE VISIBLE FROM OUTSIDE OF ENCLOSURE.
- NAMEPLATES WILL BE PROVIDED AS REQUIRED.
- CONTROL WIRING WILL BE MARKED AT BOTH ENDS BY PERMANENT WIRE MARKERS.
- ENCLOSURE WILL BE FACTORY WIRED.

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**SERVICE ENCLOSURE REQUIREMENTS**

CITY OF VANCOUVER  
DEPARTMENT OF PUBLIC WORKS  
TRANSPORTATION DIVISION

DRAWN BY	APPROVED BY	APPROVAL DATE
CDC	<i>[Signature]</i>	8/04
REVISION	APPROVED BY	APPROVAL DATE
7	<i>[Signature]</i>	3/24

STD. PLAN NO.  
**T20-41**