

GENERAL REQUIREMENTS FOR SITE ELECTRICAL WORK

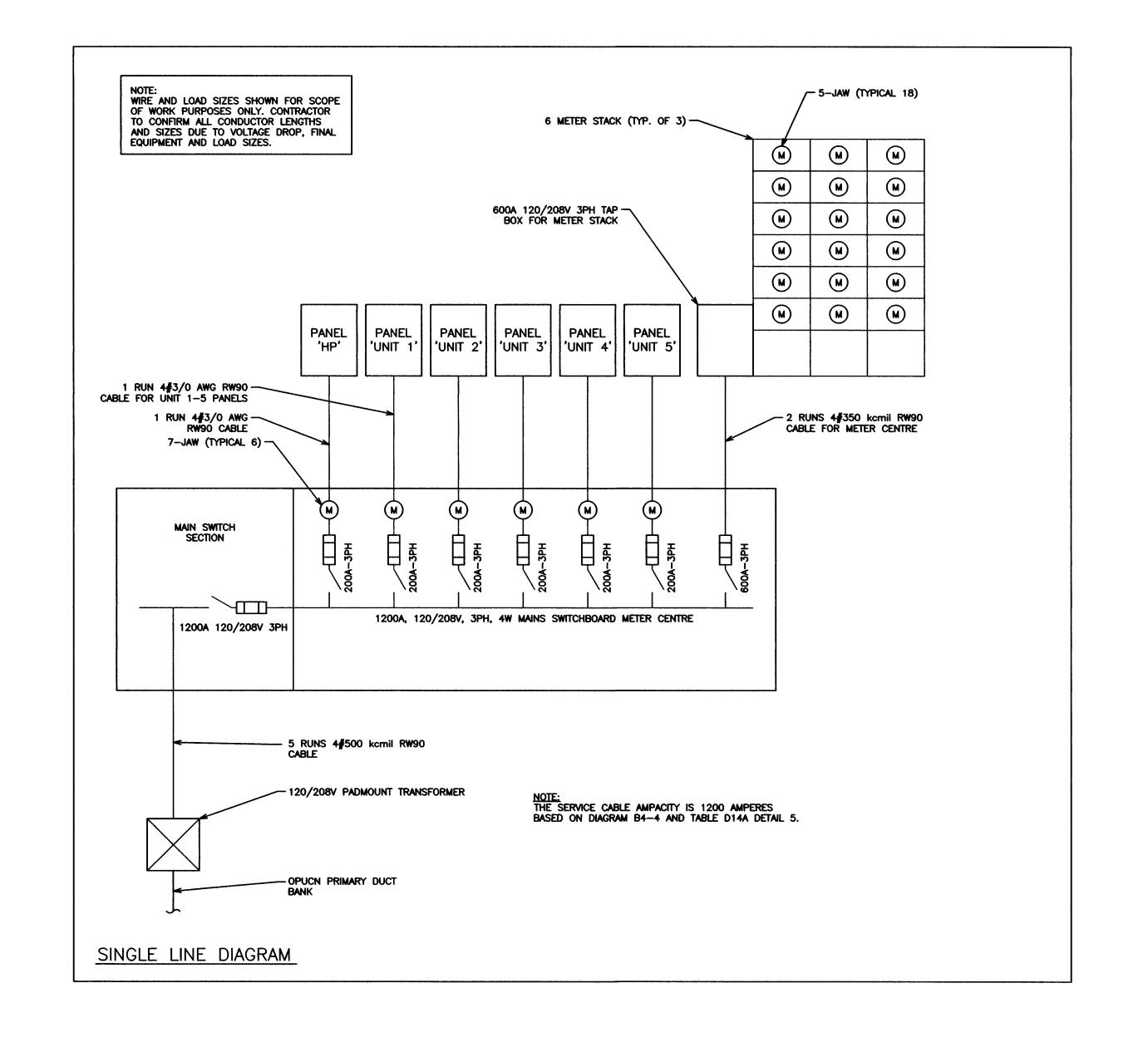
BUILDING. RULE 6-300(6).

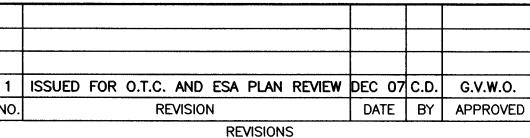
- ALL EQUIPMENT MUST BE APPROVED BY AN ACCREDITED APPROVAL AGENCY, OR ACCEPTED THROUGH FIELD EVALUATION OR BY AN INSPECTOR UNDER THE PROVISION OF RULE 2-024 OF THE CURRENT ONTARIO ELECTRICAL SAFETY CODE.
- AT EACH DISTRIBUTION POINT, CIRCUIT BREAKERS, FUSES AND SWITCHES SHALL BE MARKED, ADJACENT THERETO, IN A CONSPICUOUS AND LEGIBLE MANNER TO INDICATE CLEARLY WHICH INSTALLATION OR PORTION OF INSTALLATION THEY PROTECT OR CONTROL AND THE MAXIMUM RATING OF OVERCURRENT DEVICE THAT IS PERMITTED. RULE 2-100(3).
- RACEWAYS ENTERING A BUILDING AND FORMING PART OF AN UNDERGROUND SERVICE SHALL BE SEALED AND SHALL: A) ENTER THE BUILDING ABOVE GROUND WHERE PRACTICABLE; OR B) BE SUITABLY DRAINED; OR C) BE INSTALLED IN SUCH A WAY THAT MOISTURE AND GAS WILL NOT ENTER THE
- WHERE WARNING TAPE IS USED TO COMPLY WITH RULE 12-012(11) AS SHOWN ON DRAWING XX, THE TAPE MUST BE BURIED APPROXIMATELY HALFWAY BETWEEN THE INSTALLATION AND GRADE LEVEL, COVERING THE WIDTH OF THE RACEWAYS OR CABLES
- 5. A MINIMUM WORKING SPACE OF 1m WITH SECURE FOOTING SHALL BE PROVIDED AND MAINTAINED ABOUT ELECTRICAL EQUIPMENT SUCH AS SWITCHBOARDS, PANELBOARDS, CONTROL PANELS, AND MOTOR CONTROL CENTRES WHICH ARE ENCLOSED IN METAL. RULE
- 6. ALL OVERCURRENT PROTECTION SHALL BE CAPABLE OF INTERRUPTING THE AVAILABLE FAULT CURRENT. RULE 14-012.
- EVERY PANELBOARD SHALL BE PROTECTED ON THE SUPPLY SIDE BY OVERCURRENT DEVICES HAVING A RATING NOT GREATER THAN THAT OF PANELBOARD. RULE 14-606(1)
- 8. THE RATING OR SETTING OF OVERCURRENT DEVICES SHALL NOT EXCEED THE ALLOWABLE APACITY OF THE CONDUCTORS THAT THEY PROTECT. RULE 14-104.
- RULE 14-102 REQUIRES GROUND FAULT PROTECTION ON GROUNDED CIRCUITS MORE THAN 150 VOLTS TO GROUND AND 1000 AMPERES OR MORE. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR AND SWITCHGEAR MANUFACTURER TO CO-ORDINATE THE GROUND FAULT SENSING METHOD WITH EACH PARTICULAR GROUNDING ARRANGEMENT.

COORDINATE ALL INCOMING SERVICES WITH LIGHTING POLES, CONDUITS, GAS AND SITE SERVICES AS PER RELATED CIVIL DRAWINGS TO BE ACQUIRED BY CONTRACTOR.

NOTE: CONTRACTOR TO COORDINATE EXACT LENGTH OF SECONDARY RUNS ON SITE AND PROVIDE CONDUCTORS TO SUIT. CONTRACTOR TO PROVIDE CONDUCTOR SIZES C/W LENGTH OF RUN TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.

NOTE: CONTRACTOR TO COORDINATE BOLLARD LOCATION AND ALL REQUIREMENTS WITH OPUC NOT FOR CONSTRUCTION. REFER TO OFFER TO CONNECT BY OPUC FOR ALL DETAILS AND NOTES ASSOCIATED WITH THIS INSTALLATION.





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ELECTRICAL NOTES AND DETAILS



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