

PROTECTED BY GFCI, SUPPLIED BY A CIRCUIT THAT DOES NOT SUPPLY AND OTHER OUTLETS OR EQUIPMENT, CSA 5-20R, LOCATED WITHIN 7.5M OF EQUIPMENT, LOCATED NOT LESS THAN 750MM ABOVE FINISHED ROOF AND PROTECTED FROM MECHANICAL DAMAGE AS PER LOCAL ELECTRIC CODE

NAMEPLATES

- 20.1. PROVIDE AND INSTALL LAMINATED PLASTIC NAMEPLATES (BLACK) WITH ENGRAVED LETTERS (WHITE) TO IDENTIFY THE FOLLOWING:
 - 20.1.1. ELECTRICAL DISTRIBUTION EQUIPMENT (CDP, PANELS, SPLITTERS)
 - 20.1.2. DISCONNECT SWITCHES
 - 20.1.3. LIGHTING CONTROLS
- 20.2. NAMEPLATES/LABELS SHALL GIVE EITHER THE DESIGNATED NAME OF THE EQUIPMENT (PANEL A) OR ITS FUNCTION (STARTER FOR FAN COIL UNIT FC-1, LIGHTING CONTROL, EXHAUST FAN SWITCH, ETC.).
- 20.3. PROVIDE ADHESIVE LABELS TO IDENTIFY THE FOLLOWING:
 - 20.3.1. RECEPTACLE CIRCUIT NUMBERS, IN PUBLIC AREAS.

FIELD REVIEWS

- 21.1. CALL THE ENGINEER FOR FIELD REVIEW AT THE FOLLOWING STAGES OF CONSTRUCTION:
 - 21.1.1. ROUGH-IN.
 - 21.1.2. SUBSTANTIAL COMPLETION.
 - 21.1.3. COMPLETION OF DEFICIENCIES (IF APPLICABLE).
- 21.2. PROVIDE TWO WORKING DAYS NOTICE FOR ALL REVIEWS.
- 21.3. FAILURE TO INFORM THE ENGINEER OF CONSTRUCTION PROGRESS AS DESCRIBED ABOVE MAY RESULT IN THE ENGINEER BEING UNABLE TO ISSUE AN ASSURANCE OF PROFESSIONAL FIELD REVIEW AND COMPLIANCE (SCHEDULE 'C') TO THE BUILDING AUTHORITY, WHICH IS REQUIRED PRIOR TO OCCUPANCY.

SUBSTANTIAL COMPLETION

22.1. PRIOR TO REQUESTING SUBSTANTIAL COMPLETION INSPECTION, THE FOLLOWING ITEMS MUST BE COMPLETE:

- 22.1.1. FIRE ALARM VERIFICATION CERTIFICATE AND TECHNICIAN'S TEST REPORT MUST BE SUBMITTED.
- 22.1.2. EMERGENCY LIGHTING SYSTEM MUST BE OPERATIONAL AND TESTED BY ELECTRICAL CONTRACTOR AND DEMONSTRATED TO THE ENGINEER.
- 22.1.3. ALL EXIT LIGHTS MUST BE INSTALLED AND OPERATIONAL.
- 22.1.4. PROVIDE CERTIFICATION THAT THE LIGHTING CONTROL DEVICES AND SYSTEMS HAVE BEEN APPROPRIATELY INSTALLED AND FUNCTIONALLY TESTED TO MEET THE PERFORMANCE REQUIREMENTS OF THE BUILDING SPACES AND BUILDING OCCUPANCY.
- 22.1.5. PROVIDE CERTIFICATE OF ACCEPTANCE FROM ELECTRICAL INSPECTION DEPARTMENT.
- 22.1.6. PROJECT RECORD DRAWINGS MUST BE SUBMITTED TO ENGINEER FOR UPDATING.
- 22.1.7. MAINTENANCE MANUALS MUST BE SUBMITTED TO ENGINEER FOR REVIEW.
- 22.1.8. ALL OUTLETS MUST HAVE COVERPLATES INSTALLED.
- 22.1.9. ALL ELECTRICAL EQUIPMENT NOT LOCATED IN SERVICE ROOMS MUST HAVE COVERS AND/OR DOORS INSTALLED COMPLETE.
- 22.1.10. ANY DEVICES NOT INSTALLED MUST HAVE THE WIRING MADE SAFE AND TERMINATED IN AN OUTLET BOX COMPLETE WITH COVER.
- 22.1.11. ALL HALLWAY AND STAIRWELL LIGHTING MUST BE FULLY OPERATIONAL.
- 22.1.12. CONTINUITY OF FIRE SEPARATIONS AT ELECTRICAL PENETRATIONS MUST BE COMPLETE.
- 22.1.13. IF ANY OF THE ABOVE ITEMS HAVE NOT BEEN COMPLETED AT THE TIME OF SUBSTANTIAL COMPLETION INSPECTION, AND THE LETTER OF "ASSURANCE OF PROFESSIONAL FIELD REVIEW AND COMPLIANCE" CANNOT BE ISSUED, ANY COSTS FOR SUBSEQUENT INSPECTIONS WILL BE CHARGED TO THE ELECTRICAL CONTRACTOR.

23. RENOVATIONS IN EXISTING BUILDING

- 23.1. REMOVE ALL EXISTING LUMINAIRES, FEEDERS, OUTLET BOXES, SWITCHES, RECEPTACLES, ETC. NOT REQUIRED FOR THE RENOVATED LAYOUT SHOWN. ALL EQUIPMENT REMOVED AND NOT REUSED SHALL BECOME THE PROPERTY OF THE OWNER. UNLESS OTHERWISE NOTED, ALL EQUIPMENT INSTALLED IN RENOVATED AREAS SHALL BE NEW. ALL WIRING SHALL BE INSTALLED CONCEALED.
- 23.2. SUPPLY AND INSTALL NEW BREAKERS WHERE REQUIRED IN EXISTING PANELS TO PICK UP ADDITIONAL CIRCUITS INDICATED ON THE DRAWINGS. EXISTING BREAKERS MAY BE REUSED IN NEW AND EXISTING PANELS WHEREVER POSSIBLE PROVIDED THE BREAKERS MEET SERIES RATING OF NEW AND EXISTING PANELS.
- 23.3. ALL EXISTING LUMINAIRES THAT ARE RELOCATED SHALL BE REMOVED, CHECKED, SERVICED, CLEANED AND RELAMPED PRIOR TO REINSTALLATION. PROVIDE NEW BALLASTS WHERE NECESSARY AND AS NOTED ON THE DRAWINGS.
- 23.4. ALL EXISTING LUMINAIRES THAT REMAIN SHALL BE PUT IN GOOD OPERATING CONDITION. PROVIDE NEW LAMPS AND BALLASTS AS REQUIRED AND CLEAN ALL LENSES.



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REV	DESCRIPTION	DATE	BY
5	RE-ISSUED FOR CONSTRUCTION	2019.10.17	
4	ISSUED FOR CONSTRUCTION	2019.10.11	
3	ISSUED FOR 90% REVIEW	2019.09.13	
2	ISSUED FOR REVIEW	2019.09.05	MZ
1	ISSUED FOR REVIEW	2019.09.03	MZ

APEN
 Certificate of Authorization
 SMITH + ANDERSEN
 No. 5990

ELECTRICAL SPECIFICATIONS

Interior Reno - Washroom
 KILDONAN PARK CLUBHOUSE
 2015 Main Street, WPG, MB

Neil Cooper Architect
 109-374 River Avenue, Waukegan, Manitoba R3L 0E4

OWNER	MZ	CHECKED BY	MZ	DRAWING NO.	REV NO.
DATE	JAN 29 2019			E5.2	
SCALE	N/A				