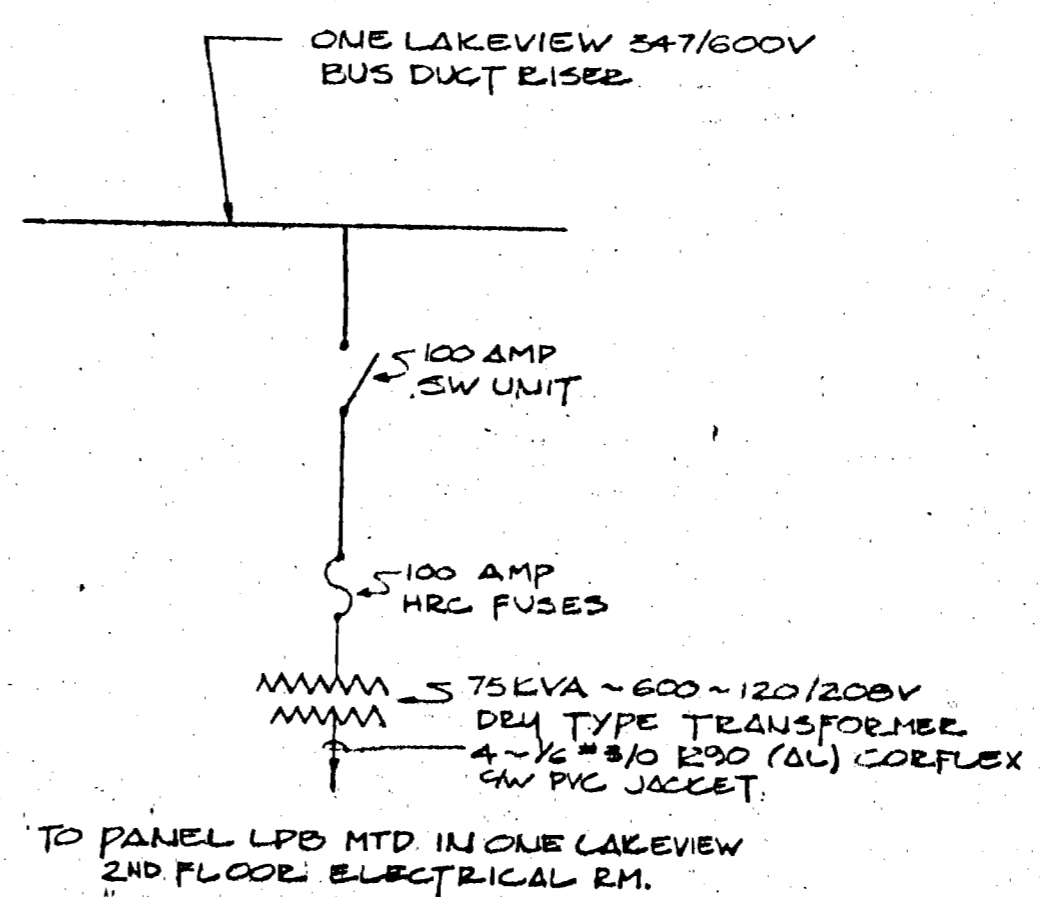


PEDESTRIAN WALKWAY N<sup>o</sup>. 2 - ELECTRICAL LAYOUT  
SCALE: 1/8" = 1'-0"

- NOTES:
- ELECTRICAL CONTRACTOR TO WIRE & CONNECT HEATING / AIR CONDITIONING UNIT AS PER MECHANICAL INFORMATION.
  - FIXTURE TYPE-1 SHALL BE A LIGHTOLIER MODEL NO. 2B-05 1/2" x 1'-150W. 240 LAMP. FIXTURE TO BE MOUNTED ON A SURFACE MOUNTED JUNCTION BOX.
  - FIXTURE TYPE-2 SHALL BE BEAVER-LITE MODEL NO. 2L-148 & 2L-156, 4'-0" x 3'-0" FLUORESCENT STRIP FIXTURES AS REQUIRED TO PROVIDE A CONTINUOUS INSTALLATION. FIXTURES TO BE MOUNTED IN HANDRAIL AS PER ARCHITECTURAL DETAIL.
  - ELECTRIC HEATING UNITS SHALL BE CHROMALOX MODEL NO. B5-11025, 2500W. 208V. 1Ø, WALL MOUNTED BASEBOARD HEATER 1/2" BUILT-IN TAMPER-PROOF THERMOSTAT.
  - ELECTRICAL CONTRACTOR TO WIRE & CONNECT REMOTE MOUNTED THERMOSTATS FOR HEATING / AIR CONDITIONING UNITS. EXACT LOCATION OF THERMOSTATS TO BE DETERMINED ON SITE IN CONJUNCTION WITH MECHANICAL & ARCHITECTURAL.
  - THE FOLLOWING FEEDER SIZES ARE TO BE UTILIZED:
 

HEATING	LIGHTING
100'-0" - UTILIZE #10 WIRE	100'-0" - UTILIZE #12 WIRE
180'-0" - " #8 "	200'-0" - " #10 "
150'-0" - " #6 "	OVER 200'-0" - UTILIZE #8 WIRE.
  - PANEL 'LPB' SHALL BE A 42 CIRCUIT, 400 AMPERE PANELBOARD 1/2" SIXTEEN (16) 30AMP - 2 POLE BREAKERS & ONE 15AMP - 2 POLE BREAKER & FOUR 15A-1P BREAKERS.
  - SUPPLY & INSTALL AN ADDITIONAL RELAY ADJACENT TO PANEL 'LPB' TO CONTROL CIRCUITS LPB-30, 31, 32. SUPPLY & INSTALL AN ADDITIONAL ON-OFF PUSHBUTTON TO CONTROL RELAY.
  - SUPPLY & INSTALL AN ELECTROLIER MODEL NO. XT-7-5, CEILING MOUNTED EXIT LIGHT 1/2" 2-25W LAMPS, CONNECT TO THE NEAREST EXIT LIGHT IN ONE LAKEVIEW SQUARE. MOUNT EXIT LIGHT SUSPENDED ON A 6' STEM HANGER.
  - FIRE ALARM BELL SHALL BE SURFACE MTD. ON CEILING. WIRE & CONNECT NEW BELL TO EXISTING ONE LAKEVIEW SQUARE BELL CIRCUIT WITH 2 WIRES.
  - WIRE & CONNECT FIXTURES TO NEAREST 120VOLT EMERGENCY PANEL IN ONE LAKEVIEW SQUARE.

- ELECTRICAL SPECIFICATIONS
- Supply all labour, materials, etc., as specified and/or shown on the plans.
  - The electrical installation shall be in accordance with the current edition of the Canadian Electrical Code including all Provincial, Municipal and other codes, rules and regulations.
  - Obtain all permits and pay all fees required for the electrical installation.
  - Examine all related Architectural, Mechanical and Structural Drawings, etc., as well as local site conditions which pertain to the work under this contract. Any discrepancies in the drawings shall be reported to the Architect before prices are submitted. If this is not done the Architect will assume the Contractor has priced the best and most expensive method to do the work.
  - Full co-operation shall be shown with other trades to facilitate installations and to avoid any delays in carrying out the work.
  - Supervise the work through a responsible and competent supervisor.
  - Outlets, wiring or equipment shall be moved to any point within a 10 foot radius of the point shown on the drawings when relocation is requested by the Owner. The work shall be done without any cost providing the request for relocation is made before the work is substantially completed.
  - Price shall be based on materials specified. Any request for equals or alternates shall be submitted to the Engineer five (5) working days before prices are submitted.
  - Complete installation shall be tested and ready for operation.
  - Wiring shall be run in EMT cond. or BX where permissible by Code.
  - All wiring shall be concealed in walls, floors or ceilings in finished areas. (Any surface or exposed wiring shall be run parallel to or at right angles to the building lines).
  - Outlet, junction and switch boxes shall be galvanized pressed steel of size and type to suit the requirements of each outlet.
  - Wire shall be standard AWG sizes with 600V insulation, and be colour coded. Minimum wire size shall be No. 12 AWG or X-11 of similar rating.
  - Panelboards, switchboards, telephone cabinets, starters, disconnects, etc., shall be identified by means of engraved lamacoid nameplates.
  - Supply and install all motor starters for ventilating and plumbing equipment.
  - All control wiring shall be installed in BX by the Electrical Contractor. The Control Contractor shall supply the Electrical Contractor with detailed wiring diagrams and give him on the site assistance when necessary.
  - Supply and install all fixtures as shown on the drawings.
  - Coverplates shall be stainless steel in finished areas.
  - Panelboards shall be mounted as shown on the drawings.
  - Supply and install in an independent conduit system exit lights as shown. This item to be provided if required by local Codes.
  - Receptacles shall be specification grade safety receptacles rated at 15 ampere, 125-volt.
  - Extend existing fire alarm system to incorporate new structure, as indicated on drawings.



PEDESTRIAN WALKWAY No. 2 DISTRIBUTION DIAGRAM NTS

ELECTRICAL LEGEND	
(Symbol)	FLUORESCENT FIXT. (1" DENOTES TYPE)
(Symbol)	INCANDESCENT FIXT. (1" DENOTES TYPE)
(Symbol)	INCANDESCENT FIXT. WALL MTD. (1" DENOTES SW)
(Symbol)	EXIT LIGHT FIXT.
(Symbol)	EMERGENCY LIGHT FIXT. WALL MTD.
(Symbol)	EMERGENCY LIGHT FIXT. CEILING MTD.
(Symbol)	EMERGENCY BATTERY BANK
(Symbol)	DUPLEX RECEPTACLE
(Symbol)	RECEPTACLE FLOOR MTD. (1" DENOTES PEDESTAL)
(Symbol)	POWER OUTLET
(Symbol)	JUNCTION BOX
(Symbol)	SINGLE POLE SWITCH
(Symbol)	2-WAY SWITCH
(Symbol)	3-WAY SWITCH
(Symbol)	4-WAY SWITCH
(Symbol)	DIMMER SWITCH (100W DENOTES WATTAGE)
(Symbol)	MOTOR OUTLET
(Symbol)	DISCONNECT SWITCH
(Symbol)	MANUAL MOTOR STARTER
(Symbol)	MAGNETIC MOTOR STARTER
(Symbol)	THERMOSTAT
(Symbol)	PUSHBUTTON
(Symbol)	TELEPHONE OUTLET WALL MTD.
(Symbol)	TELEPHONE OUTLET FLOOR MTD.
(Symbol)	TELEVISION OUTLET
(Symbol)	SOUND OUTLET CEILING MTD.
(Symbol)	SOUND OUTLET WALL MTD.
(Symbol)	CLOCK OUTLET (1" DENOTES BUZZER)
(Symbol)	BUZZER
(Symbol)	MAGNETIC DOOR HOLDER
(Symbol)	SMOKE DETECTOR
(Symbol)	HEAT DETECTOR
(Symbol)	HEAT DETECTOR (1" DENOTES FIXED TEMP.)
(Symbol)	FIRE ALARM BELL
(Symbol)	FIRE ALARM PULL STATION
(Symbol)	LIGHTING OR POWER PANEL
(Symbol)	CONDUIT RUN IN WALL OR CEILING SPACE
(Symbol)	CONDUIT RUN IN FLOOR
(Symbol)	CONDUIT RUN HOME TO PANEL

DATE	OR	REVISION

THIS DRAWING MUST NOT BE SCALED.  
THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATUMS AND LEVELS PRIOR TO COMMENCEMENT OF WORK. ALL ERRORS AND OMISSIONS TO BE REPORTED IMMEDIATELY TO THE ARCHITECT.  
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ENG. SEAL: **A. E. BURSTEIN**  
REGISTERED ENGINEER

PROJECT  
PEDESTRIAN WALKWAY N<sup>o</sup>. 2  
FROM  
THE WINNIPEG CONVENTION CENTRE  
TO  
ONE LAKEVIEW SQUARE

SHEET TITLE  
**ELECTRICAL LAYOUTS & DETAILS**  
AUG 8 1974

DRAWN BY F.H.	DATE AUG/74	SHEET NO. E-1
CHECKED BY K.F.G.	PROJECT NO.	FILE NO.

**B-14**  
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INVENTORY.  
6081