

CHLORINE BUILDING GROUND LEVEL - LIGHTING
 SCALE: 1 : 50

DEMOLITION NOTES:

- (A) DEMOLISH EXISTING LUMINAIRES IN VARIOUS AREAS WHERE NEW LUMINAIRES ARE INSTALLED. DEMOLISH EXISTING WIRING/CONDUIT UP TO THE SOURCE PANELBOARD, AND INCLUDING SWITCHES ASSOCIATED WITH THE DEMOLISHED LED LUMINAIRES. CONFIRM EXISTING CIRCUIT ON SITE.
- (B) DEMOLISH EXISTING EMERGENCY LIGHT AS INDICATED. DEMOLISH EXISTING WIRING / CONDUIT UP TO THE SOURCE PANELBOARD. CONFIRM EXISTING CIRCUIT ON SITE.

CONSTRUCTION NOTES:

- (1) PROVIDE NEW LED LUMINAIRES IN CHLORINE BUILDING GROUND LEVEL. LUMINAIRES TO BE STEM HUNG AT THE SAME ELEVATION AS THE DEMOLISHED LUMINAIRES. PROVIDE NEW WIRING / CONDUIT UP TO THE SOURCE PANELBOARD. LUMINAIRES TO BE NEMA 4X RATED.
- (2) PROVIDE NEW EMERGENCY LIGHT PACK C/W BATTERY. PROVIDE NEW WIRING / CONDUIT UP TO THE SOURCE PANELBOARD.
- (3) PROVIDE NEW LED LUMINAIRE IN CHLORINE BUILDING STAIRWELL. LUMINAIRE TO BE WALL MOUNTED AT THE SAME ELEVATION AS THE DEMOLISHED LUMINAIRES. PROVIDE NEW WIRING / CONDUIT UP TO THE SOURCE PANELBOARD.
- (4) PROVIDE NEW LED LUMINAIRE IN CHLORINE BUILDING STAIRWELL AND SERVICE TUNNELS. LUMINAIRES TO BE CEILING SURFACE MOUNTED. PROVIDE NEW WIRING / CONDUIT UP TO THE SOURCE PANELBOARD.
- (5) PROVIDE NEW LIGHT SWITCHES AS INDICATED.
- (6) PROVIDE 3-CONDUCTOR WIRING (IN CONDUIT) BETWEEN LIGHTS AND LIGHT SWITCHES FOR 3-WAY SWITCH OPERATION. TYPICAL FOR ALL 3-WAY SWITCHES FOR ALL DRAWINGS.
- (7) PROVIDE NEW EMERGENCY LIGHTING REMOTE FIXTURE. MOUNT FIXTURE WITH THE BOTTOM OF THE ENCLOSURE NOT LESS THAN 2.0m ABOVE FINISHED FLOOR.
- (8) EMERGENCY LIGHTING REMOTE FIXTURE IN CHLORINE BUILDING TANK AND EQUIPMENT ROOM SHALL BE NEMA 4X RATED.
- (9) EXISTING PLUG IN EMERGENCY LIGHT C/W BATTERY REMOTE TO REMAIN.
- (10) PROVIDE NEW EXIT SIGN. PROVIDE AC AND BATTERY CONNECTION AS INDICATED. REFER TO SCHEDULE ON DWG 1-0640M-E0042-002 FOR EXIT SIGN MODEL.
- (11) EXIT SIGN IN CHLORINE BUILDING TANK AND EQUIPMENT ROOM SHALL BE NEMA 4X RATED.

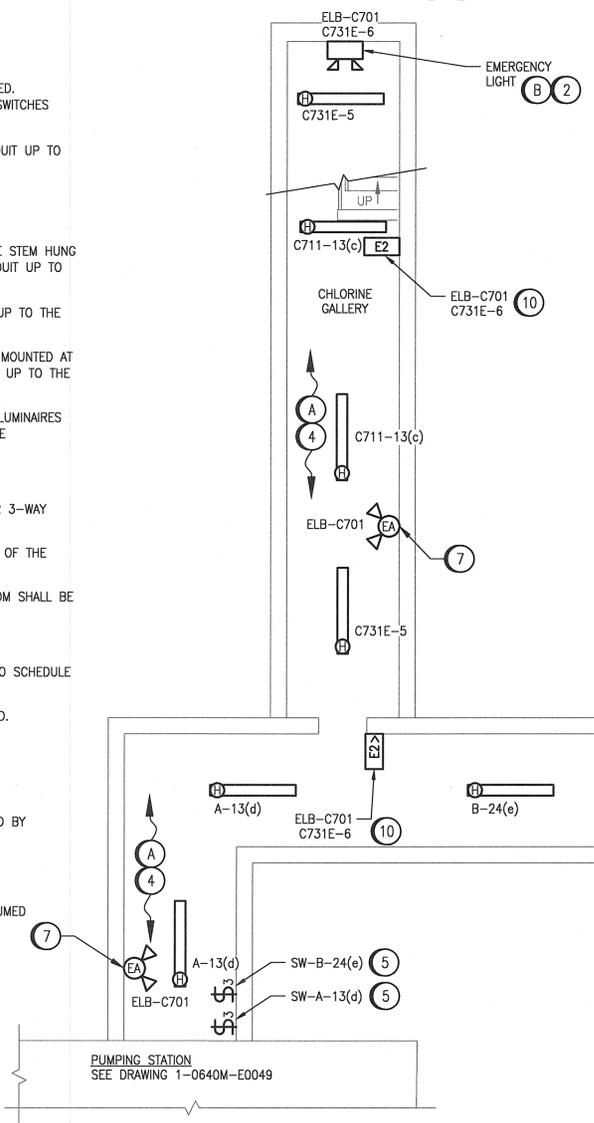
GENERAL NOTES:

- 1. ALL DEVICES ARE NEW UNLESS SPECIFICALLY NOTED OTHERWISE AND SHALL BE PROVIDED BY THE CONTRACTOR.
- 2. REFER TO DRAWING 1-0640M-E0042-002 FOR LUMINAIRE AND EMERGENCY LIGHTING SCHEDULE.
- 3. REFER TO ASBESTOS REPORTS IN APPENDIX B. ASBESTOS IS PRESENT IN AND/OR PRESUMED TO BE PRESENT IN (BUT NOT LIMITED TO) THE FOLLOWING:

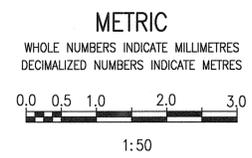
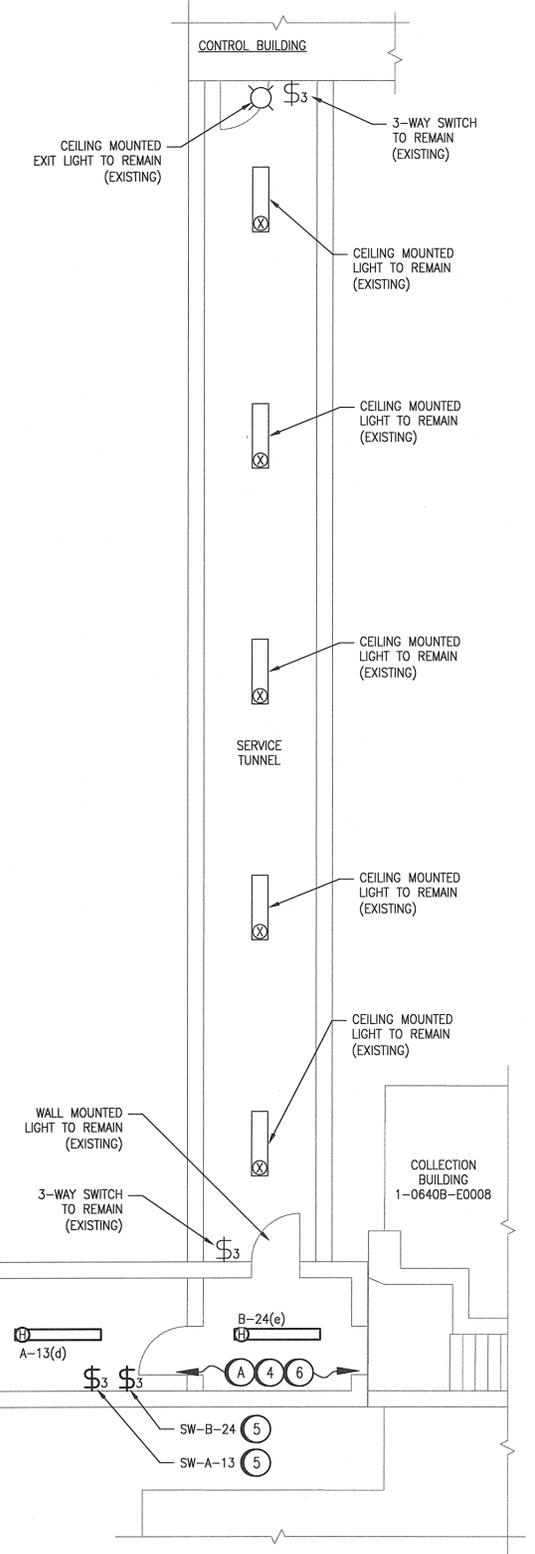
PIPING : RAIN WATER LEADER (SWEAT WRAP PIPE INSULATION & PARING OVER FIBERGLASS)
 WALL : VERMICULITE INSULATION (MASONRY)
 PLASTER (PERFORMED BLOCK & QUARRY TILE)

LEGEND:

- \$ 2-WAY SWITCH
- \$3 3-WAY SWITCH
- C711-Y(x) DENOTES SWITCHED CIRCUIT (IF APPLICABLE)
- DENOTES CIRCUIT #
- DENOTES PANELBOARD FEED



CHLORINE BUILDING AND SERVICE TUNNELS PLAN
 SCALE: 1 : 50



00	ISSUED FOR TENDER AND CONSTRUCTION	2019/10/18	SLJ	KS
NO.	REVISIONS	DATE	DESIGN	CHECK

SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8060	
DESIGNED BY: S. JUGANAS	CHECKED BY: K. SAPIAK
DRAWN BY: J. GRAGASIN	APPROVED BY: D. BECKER
SCALE: 1:50	ISSUED FOR CONSTRUCTION BY: A. WEISS
DATE: 2019/06/21	DATE: 2019/10/18
CONSULTANT NO.:	



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

MCPHILLIPS PUMPING STATION
 ELECTRICAL AND HVAC UPGRADES, MCC REPLACEMENT
 ELECTRICAL LIGHTING PLAN
 CHLORINE BUILDING
 GROUND LEVEL AND SERVICE TUNNELS

CITY DRAWING NUMBER: 1-0640C-E0008
 SHEET: 001
 REV: 00
 SIZE: A1

1-0640C-E0012	ELECTRICAL - HAZARDOUS LOCATION, CHLORINE BLDG GROUND LEVEL
1-0640C-E0006	PANELBOARD SCHEDULE
1-0640M-E0042 002	PANELBOARD & LUMINAIRE SCHEDULE
1-0640M-E0042 001	PANELBOARD SCHEDULE
DRAWING NUMBER	REFERENCE DRAWINGS