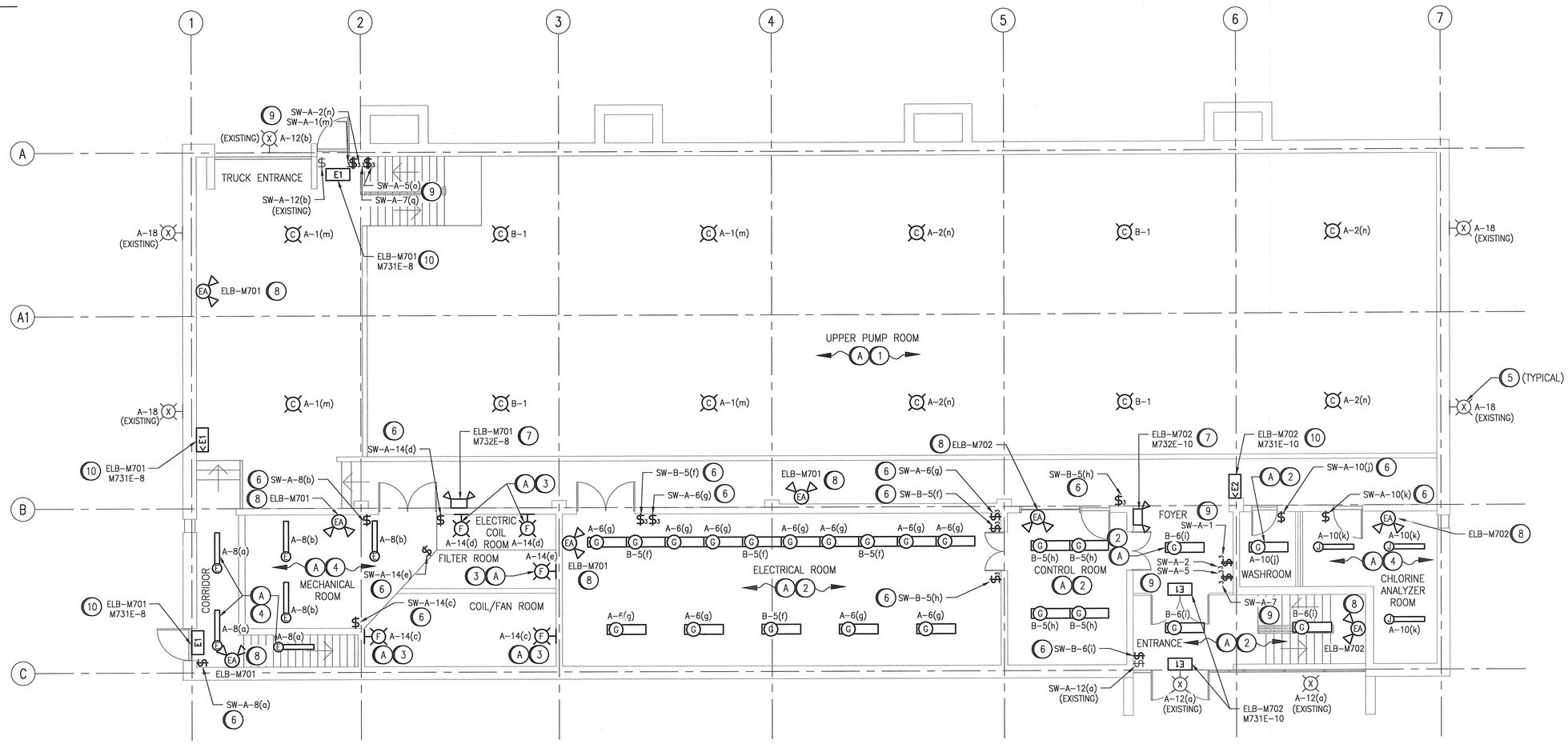
A1 SIZE – 594mm x 841mm



PLAN ABOVE ELEVATION 233.020

SCALE: 1 : 75

LEGEND:

- $ SINGLE SWITCH
- $3 THREE WAY SWITCH
- $$ TWO GANG THREE WAY SWITCH
- A–Y(x)
  - DENOTES SWITCHED CIRCUIT (IF APPLICABLE)
  - DENOTES CIRCUIT #
  - PANELBOARD FEED
- WALL MOUNTED EMERGENCY LIGHT PACK C/W BATTERY
- EA REMOTE FIXTURE

DEMOLITION NOTES:

(A) DEMOLISH EXISTING LUMINAIRE IN VARIOUS AREAS AS INDICATED. DEMOLISH EXISTING WIRING/CONDUIT AND SWITCHES ASSOCIATED WITH THE DEMOLISHED LUMINAIRE. CONFIRM EXISTING CIRCUIT ON SITE. THIS DRAWING SHOWS THE NEW LAYOUT ONLY. EXISTING FIXTURES, CONTROLS, WIRING, CONDUIT ARE NOT SHOWN

CONSTRUCTION NOTES:

(1) PROVIDE NEW HIGH BAY LED LUMINAIRES IN UPPER PUMP ROOM AREA. LUMINAIRE TO BE STEM HUNG AT THE SAME ELEVATION AS THE DEMOLISHED LUMINAIRES. PROVIDE NEW CONDUIT / WIRING UP TO THE SOURCE PANELBOARD.

(2) PROVIDE NEW T–GRID TYPE, LED LUMINAIRES IN ELECTRICAL ROOM, CONTROL ROOM, FOYER, WASHROOM AND ENTRANCE. PROVIDE ALL REQUIRED ACCESSORIES FOR MOUNTING OF LUMINAIRES TO THE CEILING. PROVIDE NEW WIRING / CONDUIT UP TO THE SOURCE PANELBOARD.

(3) PROVIDE NEW WALL MOUNT TYPE, LED LUMINAIRES IN FILTER, COIL AND FAN ROOM. MOUNT LUMINAIRES AT THE SAME ELEVATION AS THE DEMOLISHED LUMINAIRES. PROVIDE NEW WIRING / CONDUIT UP TO THE SOURCE PANELBOARD.

(4) PROVIDE NEW LED LUMINAIRE IN MECHANICAL ROOM, CORRIDOR, AND CHLORINE ANALYZER ROOM. LUMINAIRES TO BE STEM HUNG AT ELEVATION THE SAME AS THE DEMOLISHED LUMINAIRES. PROVIDE NEW WIRING / CONDUIT UP TO THE SOURCE PANELBOARD.

(5) ALL EXISTING EXTERIOR LIGHTING TO REMAIN. TYPICAL.

(6) PROVIDE NEW LIGHT SWITCHES FOR CONTROL OF LUMINAIRES.

(7) PROVIDE NEW EMERGENCY LIGHT PACKS C/W BATTERY AS INDICATED. REFER TO EMERGENCY LIGHTING SCHEDULE ON DWG 1–0640M–E0042–002.

(8) PROVIDE NEW EMERGENCY LIGHTING REMOTE FIXTURE. MOUNT FIXTURE WITH THE BOTTOM OF THE ENCLOSURE NOT LESS THAN 2.0m ABOVE FINISHED FLOOR. REFER TO EMERGENCY LIGHTING SCHEDULE ON DWG 1–0640M–E0042–002 FOR PART NUMBER.

(9) PROVIDE NEW 3–WAY LIGHT SWITCHES FOR HIGH BAY LIGHTS IN THE MAIN FLOOR CEILING AND LOW BAY LIGHTS FOR THE LOWER LEVEL (DWG 1–0640M–E0049). PROVIDE LAMACOID DIRECTLY ABOVE LIGHT SWITCHES ASSOCIATED WITH CIRCUITS A–1 AND A–2 TITLED "MAIN FLOOR HIGH BAY LIGHTS". PROVIDE LAMACOIDS DIRECTLY ABOVE LIGHT SWITCHES ASSOCIATED WITH CIRCUITS A–5 AND A–7 TITLED "LOWER LEVEL LOW BAY LIGHTS". 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.

(10) PROVIDE NEW EXIT SIGN. PROVIDE AC AND BATTERY CONNECTION AS INDICATED. REFER TO SCHEDULE ON DWG 1–0640M–E0042–002.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0.0 0.75 1.5 3.0 4.5

1:75

GENERAL NOTES:

1. ALL DEVICES SHOWN ARE NEW UNLESS SPECIFICALLY NOTED OTHERWISE AND SHALL BE PROVIDED BY THE CONTRACTOR.
2. REFER TO LUMINAIRE SCHEDULE ON DRAWING 1–0640M–E0042–002.
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 & PARGING OVER FIBREGLASS)
HEATING WATER SUPPLY/RETURN (PARGING OVER FIBREGLASS)

FLOOR : PLASTER (CERAMIC TILES)
ADHESIVE/MASTIC (CERAMIC TILES)

WALL : VERMICULITE INSULATION (MASONRY)
PLASTER (PREFORMED BLOCK & CERAMIC TILES)
ADHESIVE/MASTIC (CERAMIC TILES)

DRAWING NUMBER	REFERENCE DRAWINGS
1–0640M–E0042 002	PANELBOARD SCHEDULE
1–0640M–E0042 001	PANELBOARD SCHEDULE

APEGM Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

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

SNC·LAVALIN
SNC–LAVALIN INC.
148 Nature Park Way
Winnipeg, MB, Canada R3P 0X7
204–786–8080

DESIGNED BY: S. JUGANAS	CHECKED BY: K. SAPIAK
DRAWN BY: J. GRAGASIN	APPROVED BY: D. BECKER
SCALE: 1:75	ISSUED FOR CONSTRUCTION BY: A. WEISS
DATE: 2019/06/21	DATE: 2019/10/18
CONSULTANT NO.:	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
ELIMBAN
Member
34636
REGISTERED PROFESSIONAL ENGINEER
Oct. 18, 2019

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

MCPHILLIPS WATER PUMPING STATION
ELECTRICAL AND HVAC UPGRADES, MCC REPLACEMENT
ELECTRICAL LIGHTING PLAN
PUMPHOUSE
MEZZANINE LEVEL

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0640M–E0050	001	00	A1

1–0640M–E0050–001–00.dwg

LAST SAVE: 2019/10/30 – 11:54am
PATH: M:\661472\4ENG\47ELE\DD – General DWG\01 McPhillips\1–0640M–E0050–001–00.dwg