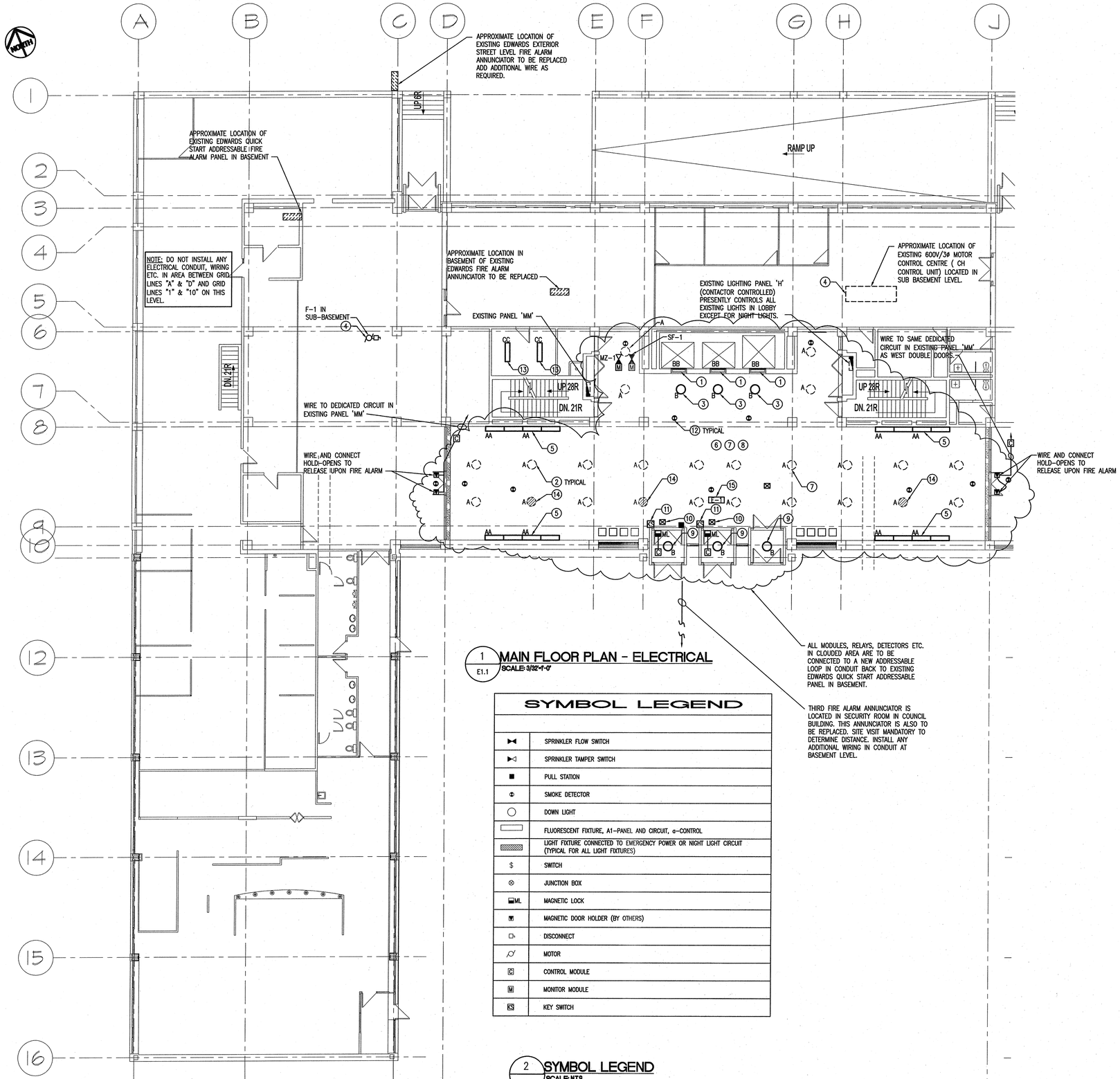

1 E1.1 **MAIN FLOOR PLAN - ELECTRICAL**
SCALE: 3/32"=1'-0"

SYMBOL LEGEND

	SPRINKLER FLOW SWITCH
	SPRINKLER TAMPER SWITCH
	PULL STATION
	SMOKE DETECTOR
	DOWN LIGHT
	FLUORESCENT FIXTURE, A1-PANEL AND CIRCUIT, a-CONTROL
	LIGHT FIXTURE CONNECTED TO EMERGENCY POWER OR NIGHT LIGHT CIRCUIT (TYPICAL FOR ALL LIGHT FIXTURES)
$	SWITCH
	JUNCTION BOX
ML	MAGNETIC LOCK
M	MAGNETIC DOOR HOLDER (BY OTHERS)
	DISCONNECT
	MOTOR
C	CONTROL MODULE
M	MONITOR MODULE
KS	KEY SWITCH

2 E1.1 **SYMBOL LEGEND**
SCALE: N.T.S.

DRAWING NOTES: (##)

1. EXISTING 3 FOOT (2 LAMP T-12) ELEVATOR LIGHTS ARE TO HAVE THEIR EXISTING LAMPS AND BALLASTS CHANGED TO NEW TYPE "BB" T8 LAMPS AND T8 ELECTRONIC BALLASTS. EXISTING BALLASTS ARE TO BE DISPOSED OF TO COMPLY WITH ALL APPLICABLE REGULATIONS.
2. EXISTING TYPE 'A' SURFACE CYLINDRICAL FIXTURE C/W COMPACT FLUORESCENT LAMPS AND BALLASTS ARE IN STORAGE BY CITY. DIVISION 26 SHALL TAKE OVER FIXTURES FROM CITY AND REINSTALL ONTO NEW T-BAR CEILING. DIVISION 26 SHALL REMOVE ALL EXISTING LIGHTING CONDUIT AND WIRE AND REPLACE WITH NEW BX CABLE. DIVISION 26 SHALL SUPPLY AND INSTALL ALL REQUIRED HARDWARE TO ADAPT FIXTURES TO NEW T-BAR CEILING. WIRE AND CONNECT FIXTURES TO EXISTING NORMAL AND EMERGENCY CIRCUITS PRESENTLY SERVING THE AREA.
3. EXISTING TWO POT LIGHTS AND ONE BULLET TYPE INCANDESCENT FIXTURE ARE TO BE REPLACED WITH TYPE 'B' COMPACT FLUORESCENT FIXTURES. WIRE AND CONNECT TO EXISTING CIRCUIT AND CONTROL PRESENTLY SERVING FIXTURES.
4. DIV. 26 TO WIRE AND CONNECT 5 H.P. (600V/3ø) SMOKE CONTROL EXHAUST FAN IN SUB BASEMENT. SUPPLY, INSTALL, WIRE AND CONNECT DISCONNECT MAGNETIC STARTER AND PROGRAMMABLE CONTROL MODULES. SUPPLY, INSTALL, WIRE AND CONNECT WEATHERPROOF PROGRAMMED "ON/OFF/AUTO" SWITCH AT EACH OF THE THREE ANNUNCIATORS. FOR FAN CONTROL. REFER TO MECHANICAL DRAWING FOR EXACT LOCATION OF FAN. DIVISION 26 TO SUPPLY AND INSTALL A NEW MAGNETIC STARTER IN EXISTING 600V/3ø MOTOR CONTROL UNIT (CH CONTROL UNIT) AND WIRE AND CONNECT WITH 3 #12 TO NEW SMOKE EXHAUST FAN F-1.
5. TYPE 'AA' FLUORESCENT FIXTURES SHALL BE MOUNTED WHERE WALL MEETS CEILING AS NOTED ON ARCHITECTURAL DRAWINGS. WIRE AND CONNECT FIXTURES TO DEDICATED 15 AMP CIRCUIT IN EXISTING LIGHTING (CONTACTOR CONTROLLED) PANEL 'H'.
6. EXISTING EXIT LIGHTS, TEMPORARY LIGHTING, ETC. FROM PREVIOUS ASBESTOS ABATEMENT CONTRACT IS TO BE REMOVED BY DIVISION 26. DIVISION 26 TO VISIT SITE, DETERMINE ALL FACTORS AFFECTING COST AND INCLUDE IN TENDER COSTS.
7. ALL EXISTING CONDUIT AND WIRING FOR LIGHTS IN LOBBY AREA TO BE REMOVED BACK TO SOURCE. ALL LIGHTS IN LOBBY AREA SHALL BE WIRED WITH BX TYPE CABLE.
8. SURFACE CONDUIT AND WIRING IS NOT PERMISSIBLE IN RENOVATED AREA.
9. WIRE AND CONNECT NEW FIXTURES TO EXISTING VESTIBULE LIGHTING CIRCUIT AND CONTROL.
10. MAGNETIC DOOR LOCK POWER SUPPLY (BY OTHERS) TO BE WIRED AND CONNECTED TO DEDICATED CIRCUIT IN EXISTING PANEL 'MM'. DOORS TO RELEASE ON FIRE ALARM.
11. MAGNETIC DOOR LOCK KEY SWITCH (BY OTHERS) TO BE WIRED AND CONNECTED BY DIVISION 26. LOCKING DEVICES ARE TO RELEASE IMMEDIATELY UPON ACTIVATION OF A MANUALLY OPERATED SWITCH READILY ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL. LOCATE SWITCH_____. SWITCH BY HARDWARE SUPPLIER. DIVISION 26 TO WIRE AND CONNECT.
12. SMOKE DETECTORS TO BE PROGRAMMED TO START SMOKE EXHAUST FAN. FAN TO START ON ACTIVATION OF THE SECOND DETECTOR ONLY AFTER FIRST ONE ALARMS.
13. WIRE AND CONNECT NEW TYPE 'CC' FIXTURES TO EXISTING LIGHTING CIRCUIT IN ROOM. DIVISION 26 TO REMOVE EXISTING LIGHTING, SWITCH AND RELATED CONDUIT AND WIRING. SUPPLY AND INSTALL NEW BX CABLE.
14. WIRE AND CONNECT NOTED FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUIT.
15. WIRE AND CONNECT NEW EXIT LIGHT TO EXISTING EXIT LIGHT CIRCUIT. CIRCUIT TO BE PICKED UP FROM CLOSEST JUNCTION BOX IN BASEMENT. DO NOT WIRE FROM ANY AREA WITH ASBESTOS.

NOTES :

SMS ENGINEERING
SMS Engineering Ltd. Consulting Engineers
770 Bradford Street Winnipeg MB Canada R3H 0N3
Telephone 204.775.0291 Fax 204.772.2153
sms@smseng.com

07-106-01

NO.	REVISION/DESCRIPTION	BY	DATE
5			
4			
3	ISSUED FOR TENDER	IR	01/ 14 /08
2	ISSUED FOR FINAL REVIEW	IR	12/ 14 /07
1	ISSUED FOR REVIEW	IR	11/ 01 /07

SEALS

PROVINCE OF MANITOBA — B.D. LESKO — REGISTERED PROFESSIONAL ENGINEER — Date 25 08 — Member #4675

APEGM — Certificate of Authorization — SMS Engineering Ltd. — No. 166 Expiry: April 30, 2008

DRAWN BY IN | CHECKED BY IR | APPROVED BDL
DATE 2007.09.10 | USER APPROVAL

Winnipeg — CITY OF WINNIPEG
PLANNING, PROPERTY & DEVELOPMENT DEPARTMENT
CIVIC ACCOMMODATIONS DIVISION
300 – 65 GARRY ST. R3C 4K4

PROJECT
BID OPPORTUNITY 868-2007
MAIN FLOOR LOBBY RENOVATIONS

510 MAIN STREET

SHEET TITLE
MAIN FLOOR PLAN
ELECTRICAL AND SYMBOL LEGEND

SCALE	PROJECT NO.	SHEET NO.
3/32" = 1'-0"		E1.1

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1

ADDRESS: 510 MAIN STREET | PROJECT No: 07-106-01 | DESCRIPTION: MAIN FLOOR PLAN - FIRE PROTECTION | DATE: 2007.08.28 | FILE NAME: CITY HALL ADMIN. BLDG.

7106ELPDX1.DWG – JANUARY 25, 2008 – 3:08PM CST – INAPHEG11