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03	ISSUED FOR TENDER	2018-03-14
02	99% DESIGN REVIEW	2018-02-21
01	50% DESIGN REVIEW	2018-02-09
revision		date

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

A	Detail No.
B	No. du détail
C	No. where detail required
	No. où détail exigé
	No. where detailed
	No. où détaillé

project title
titre du projet
TORONTO Ontario
PUBLIC WORKS GOVERNMENT SERVICE CANADA
330-338 KEELE ST.

drawing title
titre du dessin
ELECTRICAL PLAN - NEW

drawn by
dessiné par **M.H.**

designed by
conçu par **A.M.**

approved by
approuvé par **O.B.**

bid offer
offre

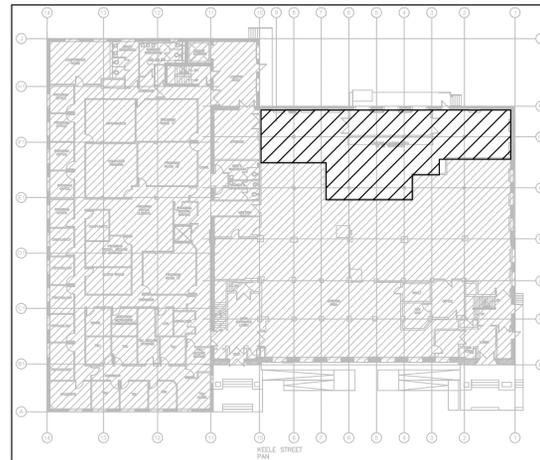
project date
date du projet **2018-03-14**

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no. du projet **163-00323-01**
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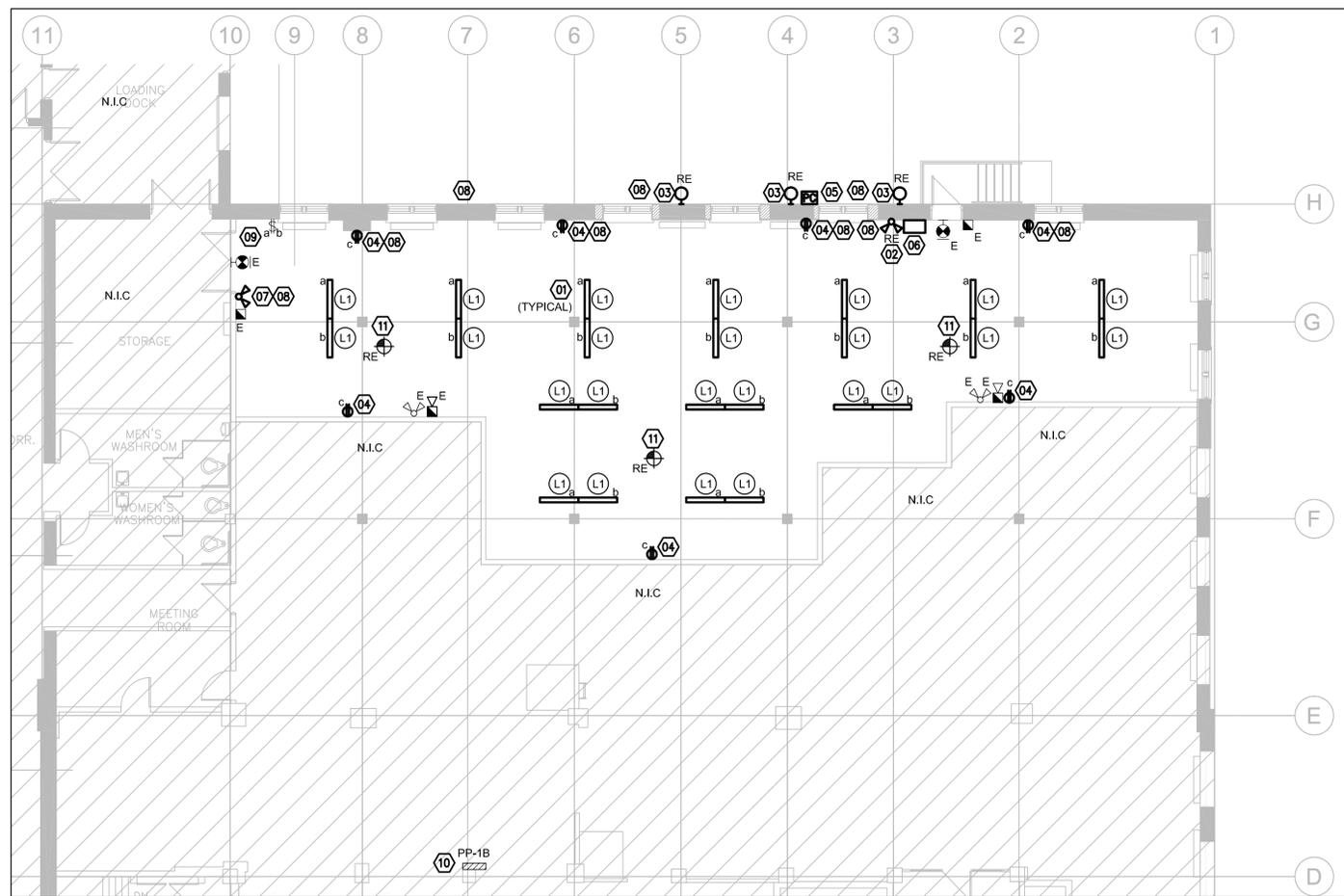
drawing no.
dessiné no. **E02**

DRAWING NOTES:

- 01 SUPPLY AND INSTALL NEW PENDANT LINEAR 4' LED LIGHTS AS PER LUMINAIRE SCHEDULE. NEW FIXTURES TO BE CONTROLLED BY OCCUPANCY SENSOR. EXTEND THE CONDUITS AND WIRING AS REQUIRED. THE MOUNTING HEIGHT TO BE SAME AS EXISTING. ADD ONE NEW 20A-1P BREAKER IN PANEL 1B FOR LIGHTING CIRCUIT AS REQUIRED.
- 02 RELOCATE EMERGENCY REMOTE HEAD LIGHT TO THE NEW LOCATION. CLEAN, INSTALL AND CONNECT TO THE EXISTING EMERGENCY LIGHT CIRCUIT. VERIFY THE LOADS ON THE BATTERY PACK CIRCUIT PRIOR TO CONNECTION AND ENSURE ENOUGH SPARE CAPACITY FOR THIS LIGHT. PROVIDE EMERGENCY LIGHTING TEST REPORT.
- 03 EXISTING RELOCATED EXTERIOR LIGHTING FIXTURES. INSTALL THE LIGHTING FIXTURE AFTER MASONRY WORKS COMPLETED AND CONNECT THE LIGHTING FIXTURE TO THE EXISTING LIGHTING CIRCUIT. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT. EXTERIOR LIGHTING FIXTURES TO BE CONTROLLED WITH NEW PHOTOCELL AND LIGHTING CONTROL PANEL. RUN NEW WIRING AND CONDUITS FROM BRANCH JUNCTION BOX TO THE LIGHTS. CLEAN AND VERIFY PROPER WORKING OF THE LIGHTING FIXTURES PRIOR TO INSTALLATION AND REPLACE THE LAMPS AND BALLASTS IF REQUIRED.
- 04 SUPPLY AND INSTALL NEW RECEPTACLES. SUPPLY AND INSTALL NEW 20A-1P CIRCUIT BREAKER AND WIRING IN EXISTING PANEL 1B TO FEED NEW CIRCUIT FOR RECEPTACLES (c). NEW CIRCUIT BREAKER TO MATCH THE EXISTING. THE SHORT CIRCUIT RATING OF NEW CIRCUIT BREAKER TO MATCH THE PANEL.
- 05 SUPPLY AND INSTALL NEW PHOTOCELL TO CONTROL EXTERIOR LIGHTING FIXTURES IN AUTO MODE. THE NEW PHOTOCELL TO BE INSTALLED ON THE EXTERIOR WALL AT 3500mm A.F.F AND IN DIRECT ACCESS BY DAYLIGHT.
- 06 SUPPLY AND INSTALL EXTERIOR LIGHTING CONTROL COMPLETE WITH NEMA 2 ENCLOSURE, LIGHTING CONTACTOR, AUTO-OFF-MANUAL SWITCH AND TIMER TO CONTROL THE EXTERIOR WALL SCONCES WITH PHOTOCELL. PROVIDE NEW 120V CIRCUITS WITH NEW BREAKER FOR LIGHTING CONTROL IF REQUIRED. REFER TO DETAIL BELOW.
- 07 PROVIDE A NEW DOUBLE REMOTE HEAD LIGHT AND CONNECT TO EXISTING BATTERY UNIT. VERIFY THE LOADS ON THE BATTERY PACK CIRCUIT PRIOR TO CONNECTION AND ENSURE ENOUGH SPARE CAPACITY FOR THIS LIGHT. PROVIDE EMERGENCY LIGHTING TEST REPORT.
- 08 ALL NEW CONDUITS AND WIRING ON THE BUILDING WALLS (EXTERIOR AND INTERIOR) AND CEILING TO BE SURFACE MOUNTED. SUPPLY AND INSTALL RIGID GALVANIZED STEEL CONDUITS FOR EXTERIOR.
- 09 ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL NEW LIGHTING CONTROL SWITCH AND CONNECT TO THE LIGHTING CIRCUIT. RUN NEW WIRING AND CONDUITS IF REQUIRED. FINALIZE THE LIGHTING SWITCH LOCATION ON SITE PRIOR TO ROUGH-IN.
- 10 APPROXIMATE LOCATION OF EXISTING PANEL 1B. UPDATE THE PANEL SCHEDULE.
- 11 RELOCATE DETECTORS TO NEW LOCATION. REWORK EXISTING FIRE ALARM CIRCUIT. PROVIDE ADDITIONAL WIRING, CONDUIT AND PULL BOXES TO SUIT NEW LAYOUT. SUBMIT FIRE ALARM VERIFICATION REPORT.

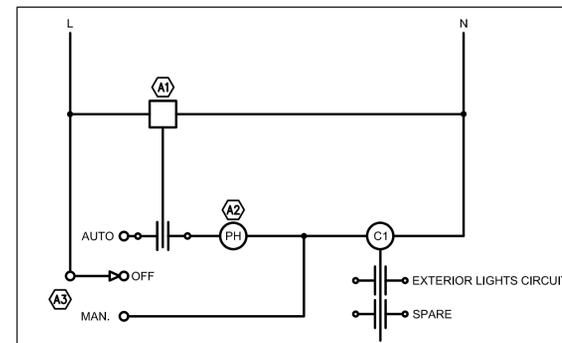


KEY PLAN



1 NEW CONSTRUCTION PLAN - MAIN FLOOR

SCALE: 1:100



- A1 7-DAY/24HOUR LIGHTING TIMER.
- A2 PHOTOCELL.
- A3 'MAN / OFF / AUTO' SELECTOR SWITCH.

NOTE:
1- LIGHTING CONTROLS INCLUDING CONTACTOR AND SELECTOR SWITCH TO BE INSTALLED IN A LOCKABLE NEMA 2 BOX FOR INTERIOR INSTALLATION.

2 EXTERIOR LIGHTING CONTROL DETAIL

SCALE: 1:100