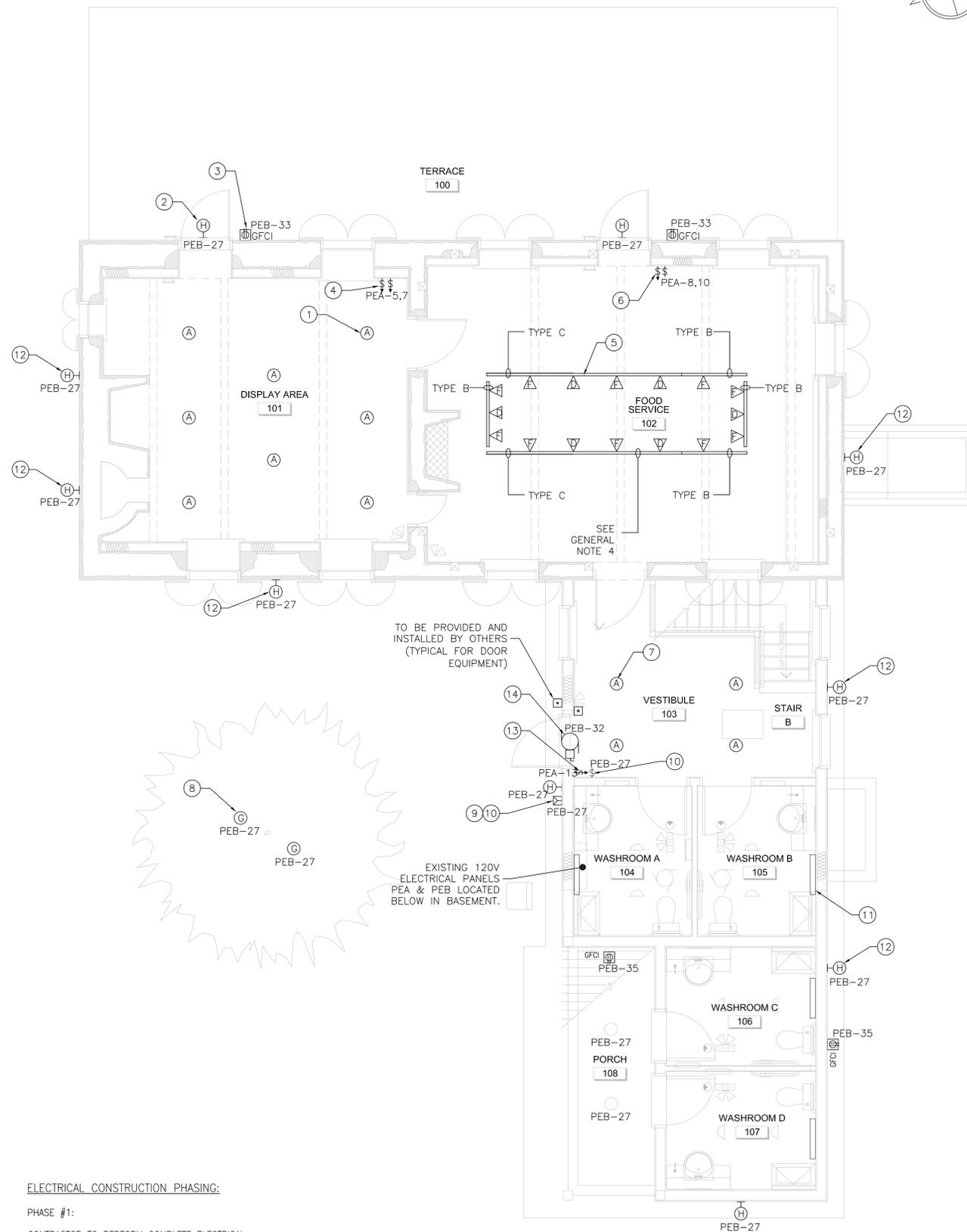


GENERAL NOTES	
1	NOT ALL EXISTING EQUIPMENT AND DEVICES SHOWN. CONTRACTOR TO ENSURE SERVICES TO ALL EXISTING DEVICES REMAINING ARE MAINTAINED.
2	CONTRACTOR SHALL DISCONNECT POWER OF ANY EQUIPMENT BEING REMOVED FROM SOURCE BEFORE EXECUTING WORK. CONTRACTOR SHALL ONLY RECONNECT POWER ONCE DEVICES ARE INSTALLED AND SECURE.
3	CONTRACTOR SHALL CONFIRM EXISTING CIRCUIT CONNECTIONS PRIOR TO PROCEEDING WITH ANY WORK.
4	CONTRACTOR SHALL PRICE PARTS AND INSTALLATION COSTS OF TRACK SYSTEM SEPARATELY FROM PROJECT SCOPE.
5	CONTRACTOR SHALL CONCEAL ALL CONDUIT WHERE DEEMED FITTING. CONTRACTOR SHALL NOT SURFACE MOUNT OR RUN ANY CONDUIT OR WIRE IN ANY USABLE SPACE. CONDUIT MAY BE EXPOSED AND SURFACE MOUNTED IN ATTICS AND CRAWL SPACES. CONTRACTOR SHALL PATCH AND REPAIR ANY OPENINGS CREATED DURING INSTALLATION.

DRAWING NOTES	
1	CONTRACTOR SHALL PROVIDE AND INSTALL NEW POT LIGHT FIXTURE (SEE LIGHTING SCHEDULE) AS PER MANUFACTURERS RECOMMENDATIONS. SEE ARCHITECTURAL DRAWING A500 FOR DETAIL. TYPICAL FOR ALL POT LIGHTS IN DISPLAY AREA (ROOM 101).
2	CONTRACTOR SHALL PROVIDE AND INSTALL TAMPER PROOF LIGHTING FIXTURE (SEE LIGHTING SCHEDULE) AS PER MANUFACTURERS RECOMMENDATION. CONTRACTOR SHALL SEAL ANY OPENINGS CREATED IN CONCRETE WALL WITH WEATHER PROOF, FIRE RATED COMPOUND. TYPICAL FOR ALL EXTERIOR LIGHT FIXTURES.
3	CONTRACTOR SHALL PROVIDE AND INSTALL 125VAC, 15A, CSA 5-15R, 2 POLE, 3 WIRE, WEATHER AND TAMPER RESISTANT GFCI RECEPTACLE WITH SINGLE GANG WEATHER PROOF, VANDAL RESISTANT, METALLIC COVER. CONTRACTOR SHALL INSTALL AS PER MANUFACTURERS RECOMMENDATION. TYPICAL FOR ALL EXTERIOR RECEPTACLES AND RECEPTACLE COVERS.
4	CONTRACTOR SHALL PROVIDE AND INSTALL (2) 20A, 120V, SINGLE POLE, WHITE DECORA ELECTRONIC LOW-VOLTAGE DIMMERS. CONTRACTOR SHALL PROVIDE MATCHING COVER PLATE. TYPICAL FOR ALL LIGHTING CONTROLS IN FOOD SERVICE (ROOM 101).
5	CONTRACTOR SHALL PROVIDE AND INSTALL NEW TRACK LIGHTING (SEE LIGHTING SCHEDULE) AS PER MANUFACTURERS RECOMMENDATION. MOUNTING ACCESSORIES NOT SHOWN. CONTRACTOR SHALL PROVIDE MOUNTING HARDWARE AS PER MANUFACTURERS RECOMMENDATIONS. MOUNTING HARDWARE AND TRACK SYSTEM TO MATCH. TRACK TO BE MOUNTED ABOVE BEAMS. COORDINATE WITH ARCHITECTURAL PLANS.
6	CONTRACTOR SHALL PROVIDE AND INSTALL (1) 20A, 120V, SINGLE POLE, WHITE DECORA ELECTRONIC LOW-VOLTAGE DIMMER TO BE CONNECTED TO TYPE F FIXTURE AND (1) 15A, 120V, SINGLE POLE, WHITE DECORA ROCKER SWITCH TO BE CONNECTED TO TYPE D FIXTURE. CONTRACTOR SHALL PROVIDE MATCHING COVER PLATE.
7	CONTRACTOR TO PROVIDE AND INSTALL NEW POT LIGHT FIXTURE (SEE LIGHTING SCHEDULE) AS PER MANUFACTURERS RECOMMENDATION. TYPICAL FOR ALL POT LIGHT FIXTURES IN VESTIBULE (ROOM 103).
8	EXISTING ACCENT LIGHT FIXTURE TO REMAIN. CONTRACTOR SHALL PROVIDE AND INSTALL A NEW WIRE GUARD AROUND THE OPENING OF THE FIXTURE TO PREVENT THEFT AND DAMAGE OF BULB. CONTRACTOR TO PROVIDE AND INSTALL NEW LAMP. SEE LIGHTING SCHEDULE FOR REPLACEMENT LAMP TYPE.
9	CONTRACTOR TO PROVIDE AND INSTALL NEW 120V, 1000W, HIGH IMPACT, UV STABILIZED, PHOTO CONTROL, WET LOCATION, PHOTOCELL TO CONTROL EXTERIOR LIGHTING. SHALL BE CONNECTED TO PEB-27.
10	CONTRACTOR TO LOCATE AND REMOVE EXTERIOR LIGHTING FROM CIRCUIT PEA-2 (EMERGENCY LIGHTS) AND PROVIDE AND INSTALL NEW 15A, SINGLE POLE BREAKER ON CIRCUIT PEB-27 TO EXTERIOR LIGHTING CONTROLS.
11	CONTRACTOR TO DISCONNECT POWER SUPPLY AND REMOVE LINE VOLTAGE TO EXISTING UNIT HEATER PRIOR TO CONTROL WIRING INSTALLATION. CONTRACTOR SHALL RECONNECT LINE VOLTAGE AND CONNECT POWER TO UNIT HEATER ONLY AFTER WIRING INSTALLATION IS COMPLETE. INSTALLATION OF CONTROLS FOR UNIT HEATER TO BE DONE BY DIVISION 23. REFER TO MECHANICAL DRAWINGS. TYPICAL FOR (4) UNIT HEATERS (ONE IN EACH WASHROOM).
12	REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ADDITIONAL EXTERIOR WALL MOUNTED LIGHT FIXTURES.
13	CONTRACTOR SHALL PROVIDE AND INSTALL (1) 20A, 120V, SINGLE POLE, WHITE DECORA ELECTRONIC LOW-VOLTAGE DIMMER FOR TYPE A LIGHT FIXTURES. CONTRACTOR SHALL PROVIDE MATCHING COVER PLATE.
14	CONTRACTOR SHALL PROVIDE AND INSTALL NEW 20A, SINGLE POLE BREAKER ON CIRCUIT PEB-32 FOR DOOR OPERATOR.



LEGEND:

—	NEW EQUIPMENT
—	EXISTING EQUIPMENT TO REMAIN
○	LIGHT FIXTURE
○	WALL MOUNTED LIGHT FIXTURE
▽	TRACK LIGHTING
⊞	EMERGENCY BATTERY UNIT COMPLETE WITH INTEGRAL HEADS
⊞	REMOTE DOUBLE HEAD EMERGENCY LIGHT
⊞	DOOR OPERATOR
⊞	SINGLE POLE TOGGLE SWITCH
⊞	SINGLE POLE SWITCH WITH DIMMER
⊞	PHOTOCELL
⊞	MOTION DETECTOR
⊞	INDICATES GROUND FAULT CIRCUIT INTERRUPTER
⊞	OPERATOR PADDLE
⊞	OUTDOOR DUPLEX RECEPTACLE

LIGHTING SCHEDULE		
TYPE	QUANTITY	DESCRIPTION
A	12	DIE CAST ALUMINUM LED LIGHT ENGINE, 950 LUMENS, 2700K, INTEGRATED LED METAL CORE BOARD WITH HIGH BRIGHTNESS WHITE LED'S WITH IC/NON-IC AIRSEAL FRAME IN KIT WITH CLEAR, 5-1/4" (133mm) Ø TRIM WITH WHITE BAFFLE.
B	4	2 CIRCUIT, 4' (1219mm) NOMINAL LENGTH, ALUMINUM FINISH LIGHTING TRACK.
C	2	2 CIRCUIT, 12' (3658mm) NOMINAL LENGTH, ALUMINUM FINISH LIGHTING TRACK.
D	6	LED TRACK FLOOD WITH VISOR, 3000K, 50,000 HOURS, ALUMINUM FINISH, INTEGRATED LED METAL CORE BOARD WITH HIGH BRIGHTNESS WHITE LED'S.
F	10	3.5" (89mm) DIAMETER, MEDIUM LED CYLINDER, 3000K, 50,000 HOURS, ALUMINUM FINISH, DIMMABLE, INTEGRATED LED METAL CORE BOARD WITH HIGH BRIGHTNESS WHITE LED'S. PHILLIPS CATALOGUE No. LL1127AL OR EQUIVALENT. ALUMINUM, FACETED, SPECULAR, ANODIZED AND SEALED FLOOD REFLECTOR.
G	2	18 WATT, LED LAMP, 4000K COOL WHITE, NARROW FLOOD.
H	10	MARINE GRADE, CORROSION AND IMPACT RESISTANT, HEAVY WALLED RECTANGULAR DIE-CAST ALUMINUM - 120V, LED, BLACK FINISH, WALL MOUNTED, 1400 LUMEN, 4,000K, 70,000 HOURS, LIGHT FIXTURE. BLACK FINISH.

**ELECTRICAL CONSTRUCTION PHASING:**

- PHASE #1:  
CONTRACTOR TO PERFORM COMPLETE ELECTRICAL SCOPE OF WORK AS INDICATED.
- PHASE #2:  
CONTRACTOR SHALL ALLOW FOR THE REMOVAL AND RE-INSTALLATION OF EXTERIOR LIGHTING AND POWER ON STUCCO MASONRY WALLS TO ALLOW FOR REPAIRS AND MINERAL PAINT APPLICATION. COORDINATE WITH OTHER TRADES FOR SCHEDULING.

1 MAIN FLOOR PLAN: NEW LIGHTING & POWER  
E002 SCALE: 1:50



Real Estate Management, Design and Construction Branch  
Direction de la gestion de l'immobilier, design et construction

Design and Construction Division  
Division design et construction

director - Claude Robert - directeur

architecture architecture

Robertson Martin Architects  
216 Preston Ave., Ottawa, ON K1S1X2  
Phone: 613-567-1361 Fax: 613-567-0462 Email: mail@robertsonmartin.com



LALONDE + DOYLE ARCHITECTS INC. Tel 613.233.2900 400-207 Queen Street  
www.lpld.com Ottawa, Ontario K1P 6E5

mechanical/electrical mécanique/électrique



P-0002653

Issued or revised / émis ou révisé		
no.	description	date
01	ISSUED FOR TENDER	2013/08/30
00	ISSUED FOR TENDER	2013/06/11
0B	ISSUED FOR 99% REVIEW	2013/04/18
0A	ISSUED FOR REVIEW	2013/03/28

project / projet

**MAISON CHARRON REHABILITATION**

drawing / dessin

**MAIN FLOOR PLAN NEW LIGHTING & POWER**

approved by / approuvé par	C. WHITE
designed by / conçu par	J. GAUTHIER
drawn by / dessiné par	J. GAUTHIER
date	MARCH 2013
scale / échelle	AS NOTED
NCC project no. / no. du projet de la CCN	sheet no. / no. de la feuille
DC-4080	E-002