







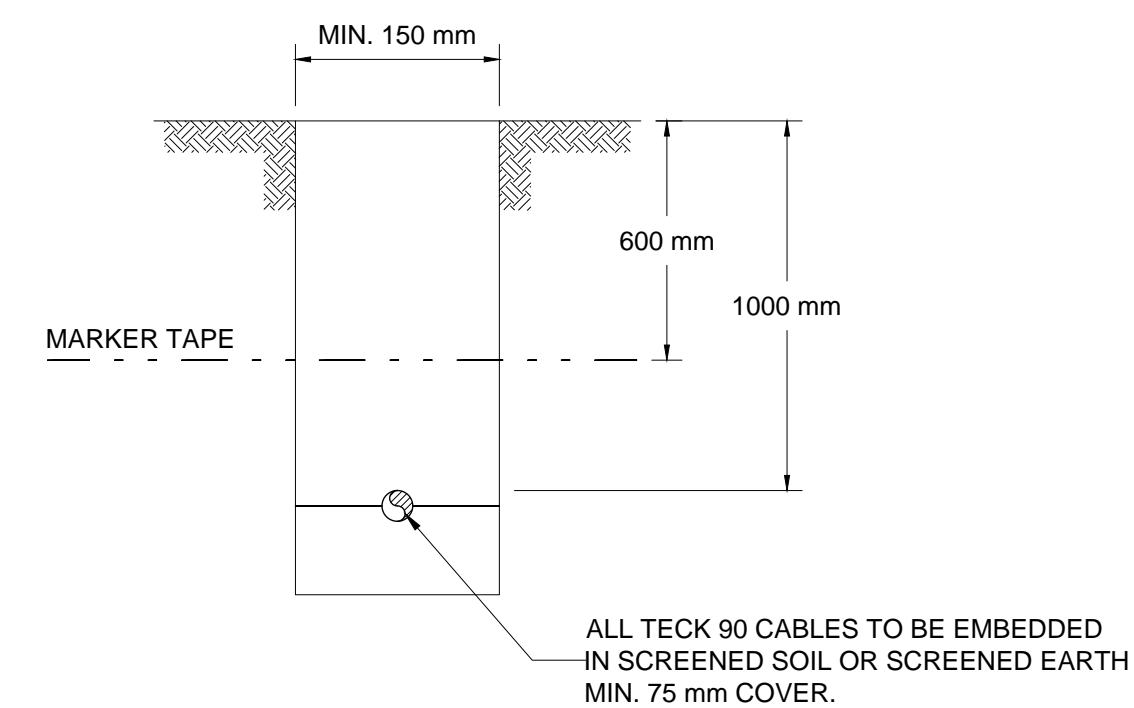


- |   |   |
|---|---|
|  | PROPOSED BURIED CONDUIT AND WIRING                      |
|  | EXISTING BURIED CONDUIT AND WIRING                      |
|  | PROPOSED 200W @ 347V LIGHT FIXTURE ON EXISTING STANDARD |
|  | PROPOSED 200W @ 347V LIGHT, AND GROUND ROD              |
|  | EXISTING 75W @ 120V LIGHT FIXTURE TO BE REMOVED         |
|  | EXISTING JUNCTION BOX                                   |
|  | PROPOSED CONTROL PANEL                                  |
|  | EXISTING CONTROL PANEL                                  |

## PLAN

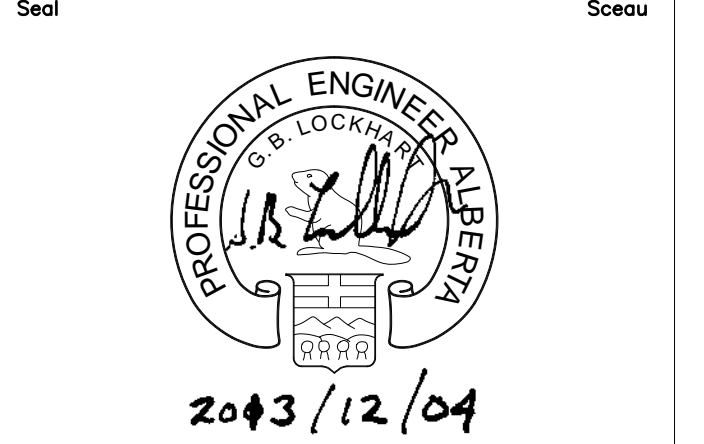
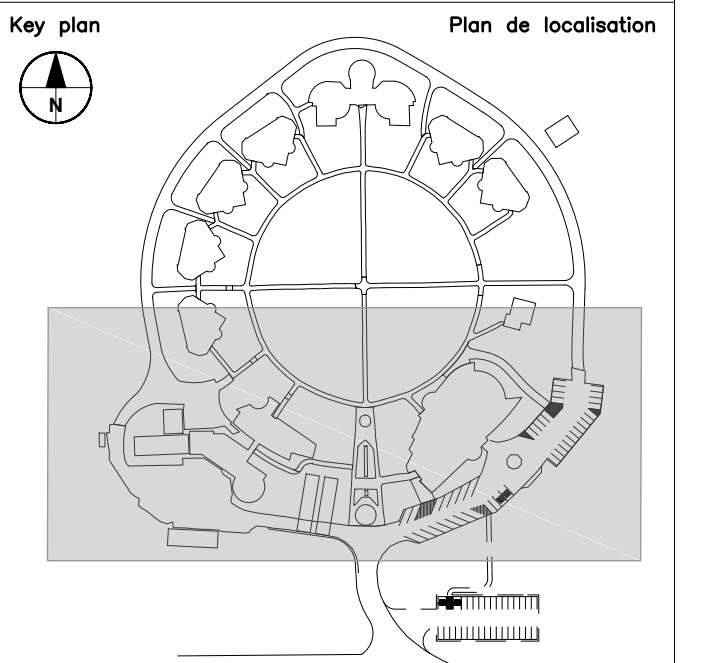
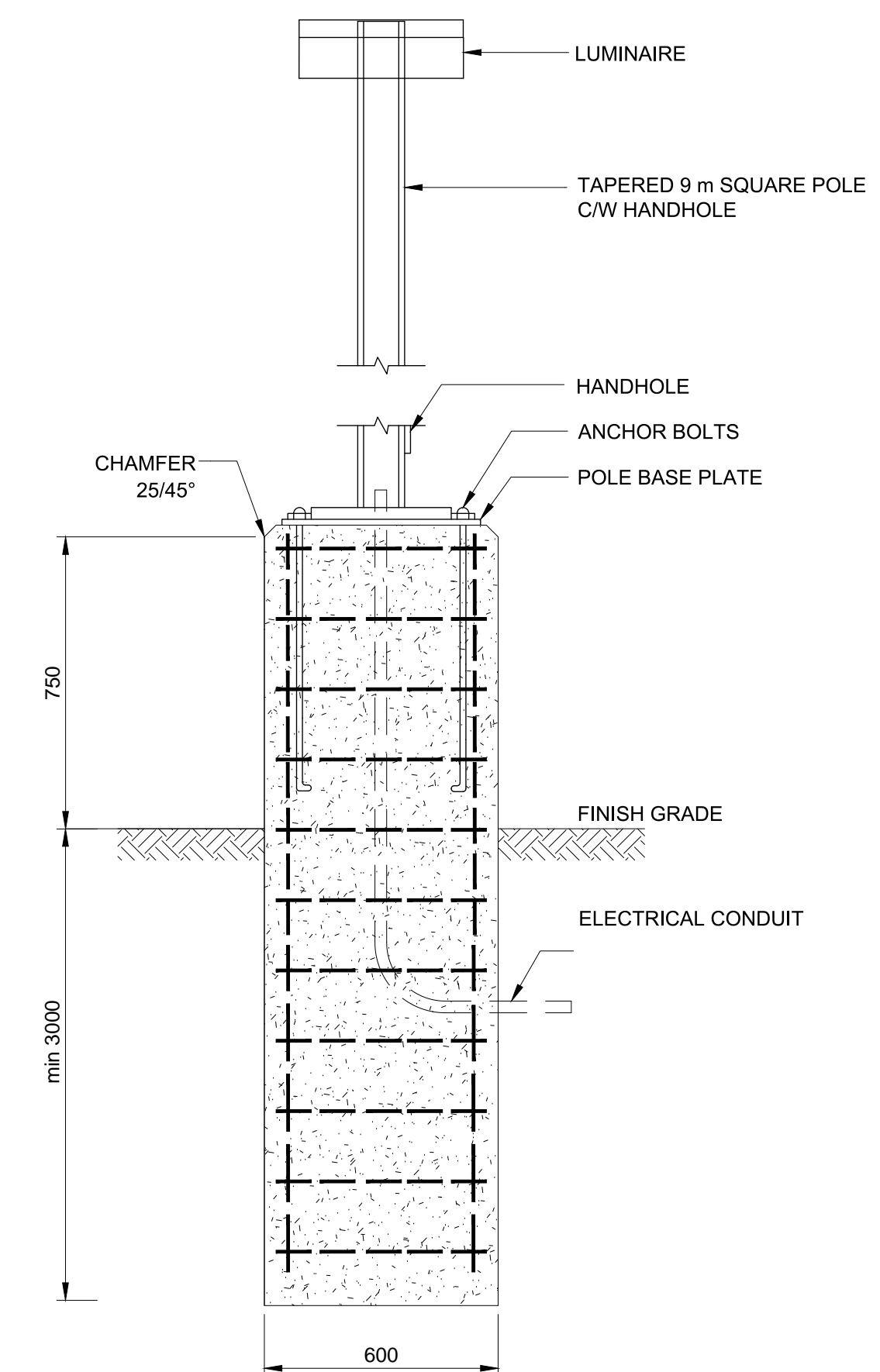


### TYPICAL TRENCH DETAIL



## DETAIL

SCALE: NTS  
PARKING LOT LIGHT DETAIL  
PRE-CAST BASE



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Signature: [Signature]

Date: 4 Apr 2013

PERMIT NUMBER: P 10450

The Association of Professional  
Engineer and Geoscientists of Alberta

1. IF EXISTING SINGLE CONDUCTOR CANNOT BE REPLACED WITH PROPER SIZE AND INSULATION AS INDICATED IN THESE DRAWINGS, REPLACE EXISTING ELECTRICAL INSTALLATION WITH 2C- #10 AWG - TECK 90 - 1000V

03	ISSUED FOR TENDER	DEC/09 2013
02	ISSUED FOR 99% REVIEW	SEP/26 2013
01	ISSUED FOR 66% REVIEW	AUG/21 2013
revisions		date
project	project	

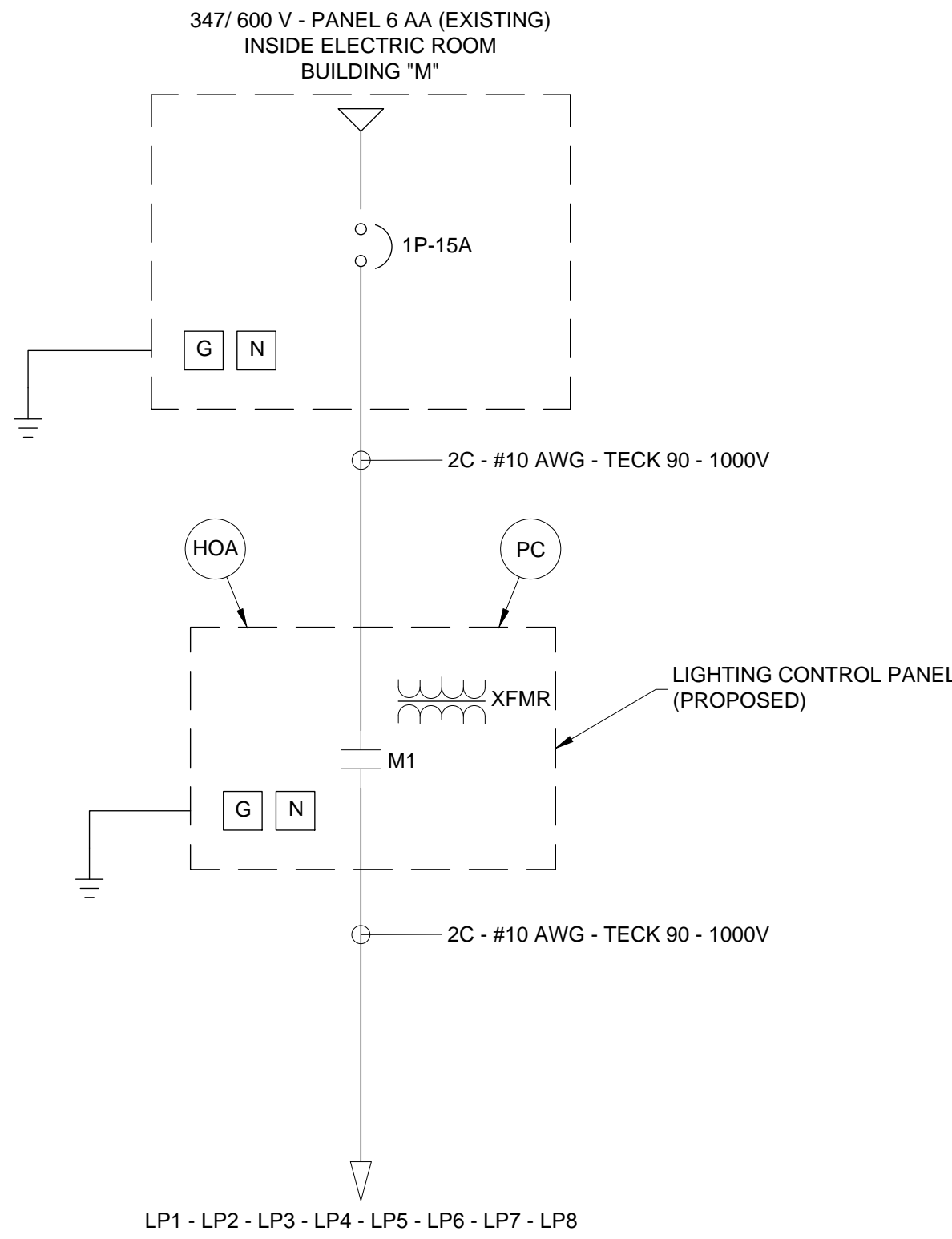
PE SAKASTEW  
INSTITUTION  
SITE PAVING  
MASKWACIS,AB

## ELECTRICAL PLAN

designed	LP	conçu
date	SEP 2013	
drawn	DM	dessiné
date	SEP 2013	
approved	JP	approuvé
date	SEP 2013	
Tender	Soumission	
PWGSC Project Manager	Administrateur de projets TPSGC	
project number	no. du projet	
E.061945.001		
drawing no.	no. du dessin	

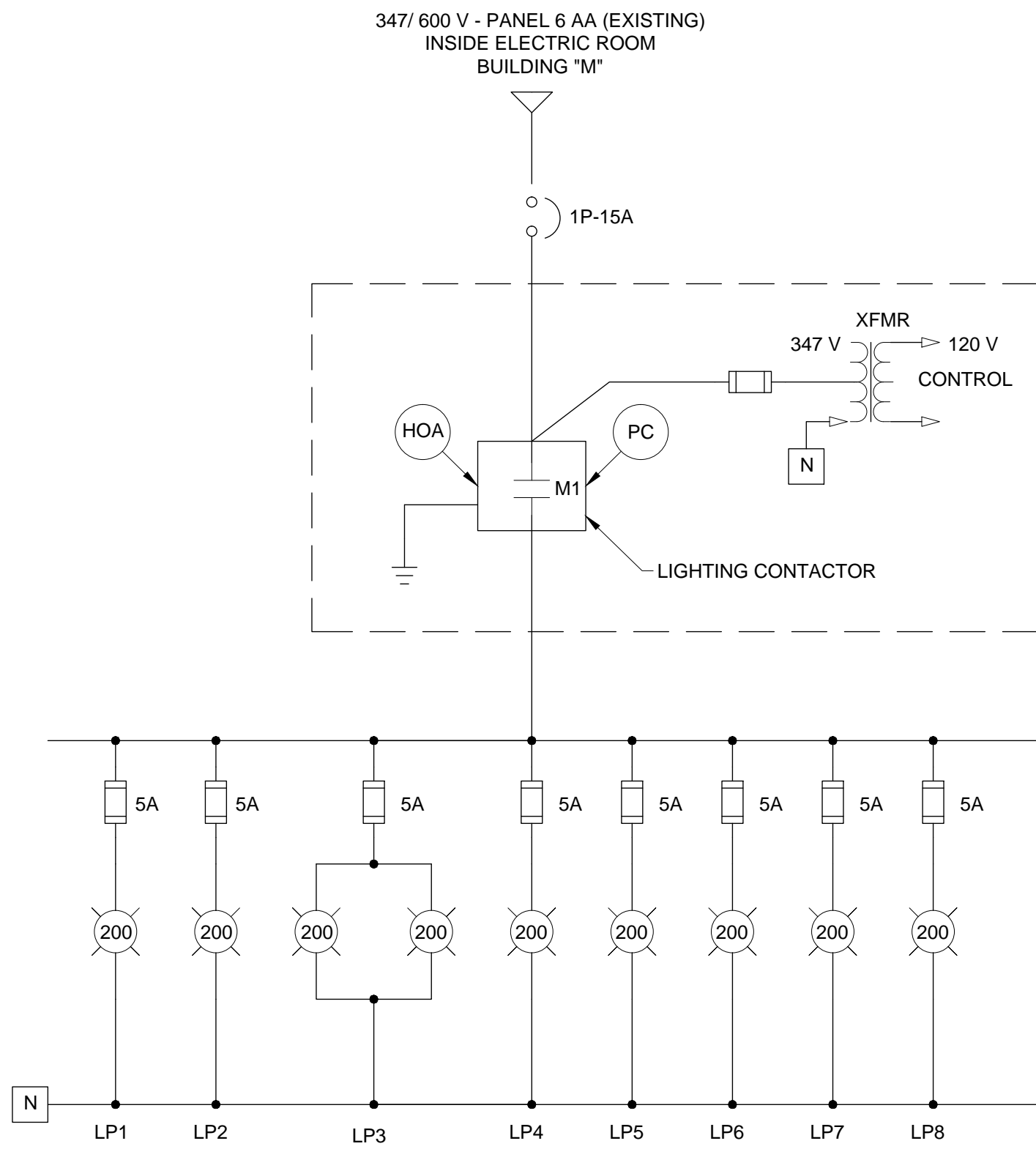
DWG E01

LogIn: medford P:\0289799\02\cand\g1910\cad\hvac\electrical\0289799.dwg Dec 14, 2013 2:16pm



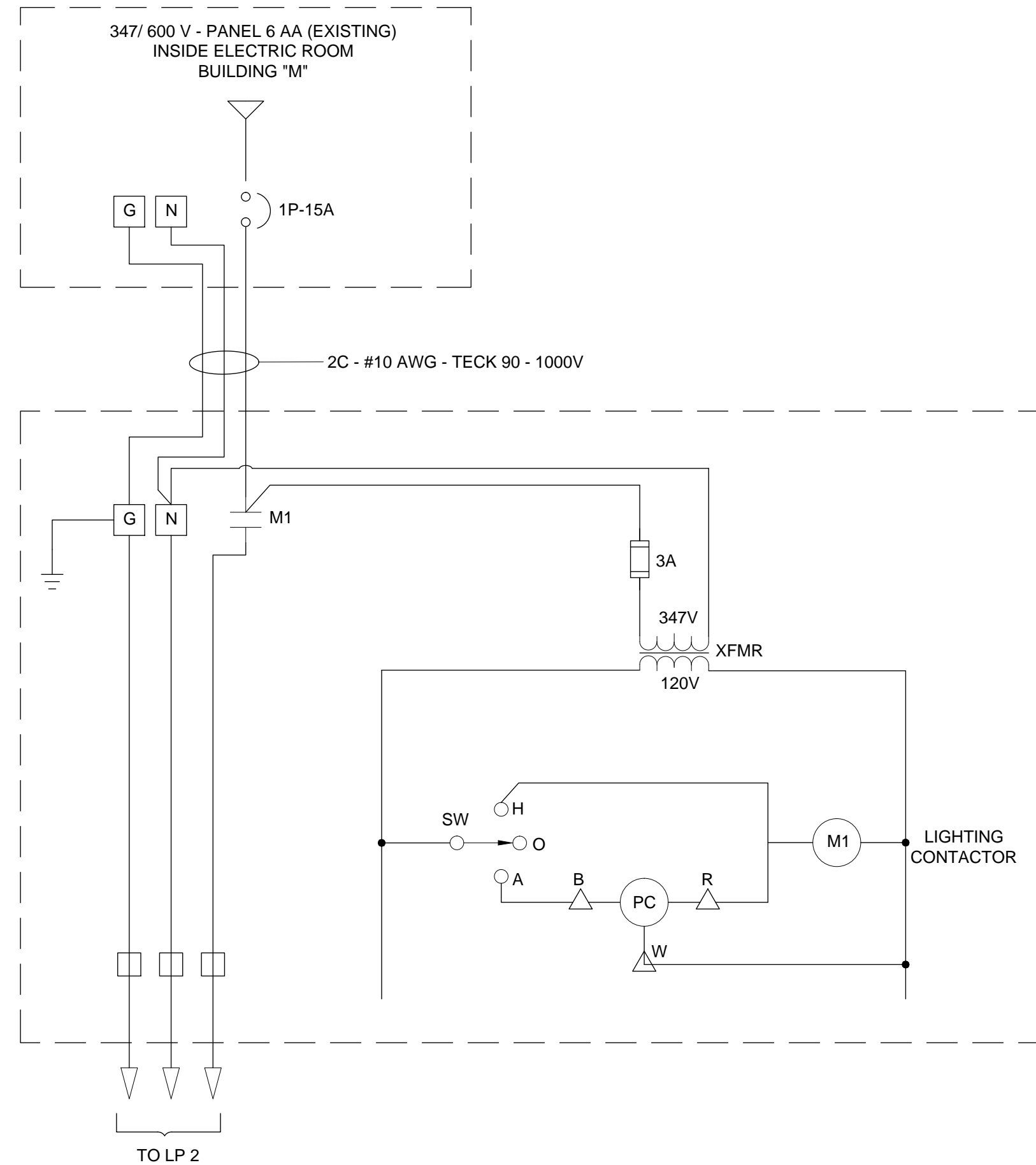
**BLOCK DIAGRAM**

SCALE: NTS



**SINGLE LINE DIAGRAM**

SCALE: NTS



**CONTROL PANEL**

SCALE: NTS

- NOTE: THE FOLLOWING EQUIPMENT ARE TO BE INSTALLED WITHIN THE CONTROL PANEL
- 1 TRANSFORMER (XFMR)  
PRIMARY: 347 V 1Ø  
SECONDARY: 120 V  
POWER: 150 VA  
FREQUENCY: 60 HZ
  - 1 LIGHTING CONTACTOR M1  
RATED FOR 600 VOLTS  
3 POLES  
120 V COIL
  - 1 SELECTOR SWITCH  
3 POSITIONS: HAND, OFF, AUTOMATIC
  - 1 PHOTOCELL UNIT (PC)

Architects

Architectes

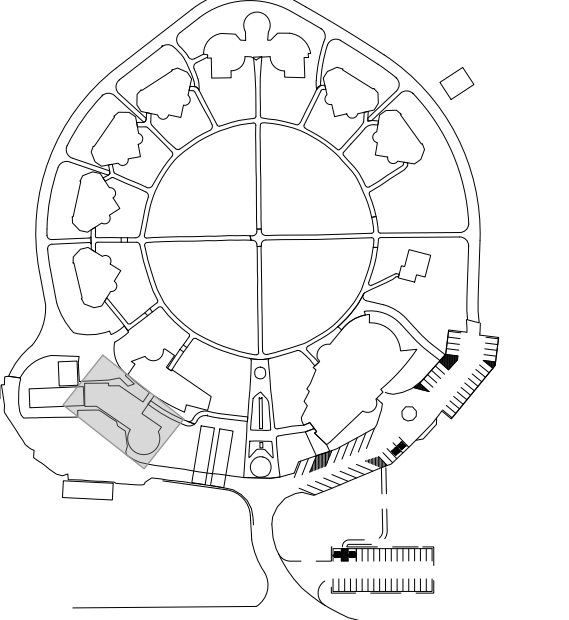
Consultants

Ingenieurs conseils

**AECOM**

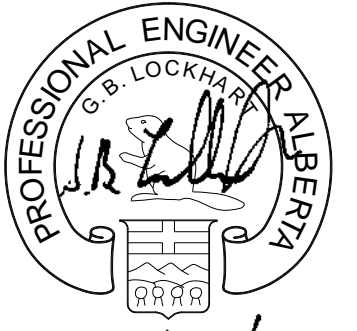
Key plan

Plan de localisation



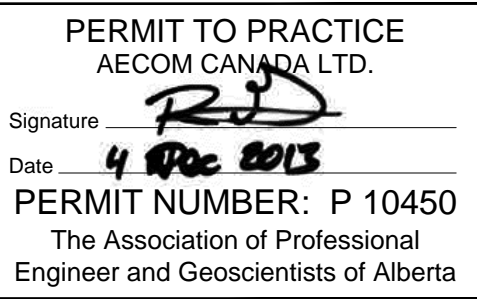
Seal

Sceau



Note

Note



03	ISSUED FOR TENDER	DEC/09 2013
02	ISSUED FOR 99% REVIEW	SEP/26 2013
01	ISSUED FOR 66% REVIEW	AUG/21 2013
revisions		date

project  
PE SAKASTEW  
INSTITUTION  
SITE PAVING  
MASKWACIS,AB

drawing

dessin

ELECTRICAL  
DETAILS

designed	LP	conçu
date	SEP 2013	
drawn	DM	dessiné
date	SEP 2013	
approved	JP	approuvé
date	SEP 2013	
Tender		Soumission
PWGC Project Manager	Administrateur de projets TPSGC	
project number		no. du projet
	E.061945.001	
drawing no.		no. du dessin
	DWG E02	