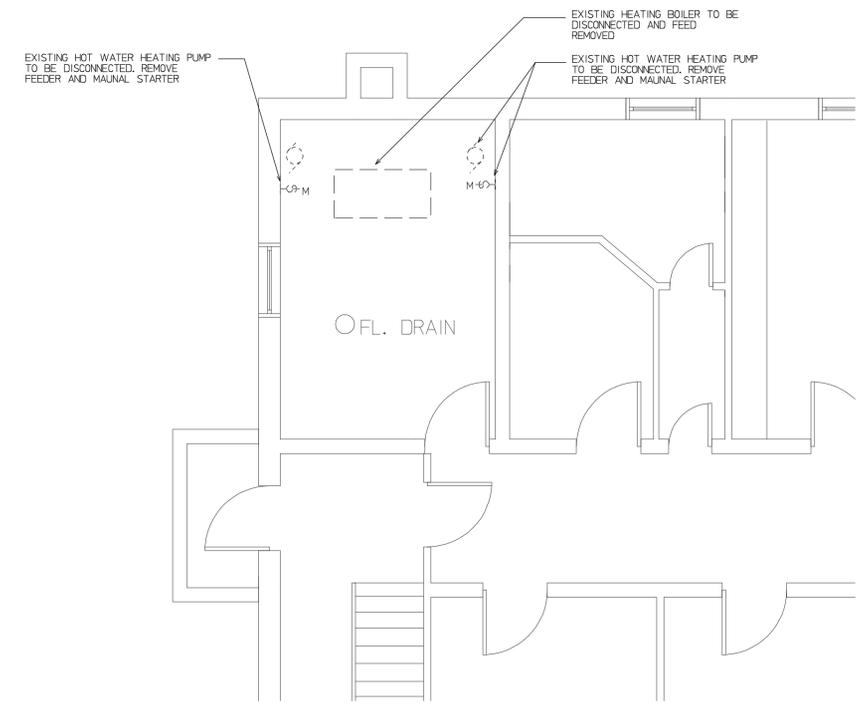


Client

Rae McLean & Associates Ltd.
Consulting Professional Engineers
#207, 6036 - 3rd St. S.W., Calgary, Alberta T2H 0R9
Tel: (403) 259-6710 - fax: (403) 252-0160

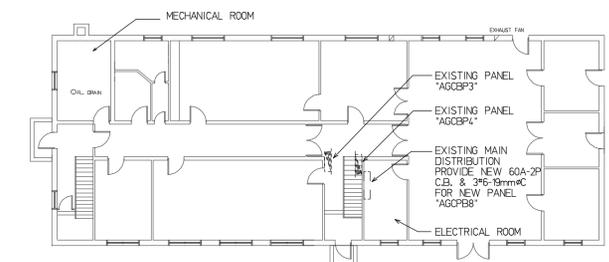
Client



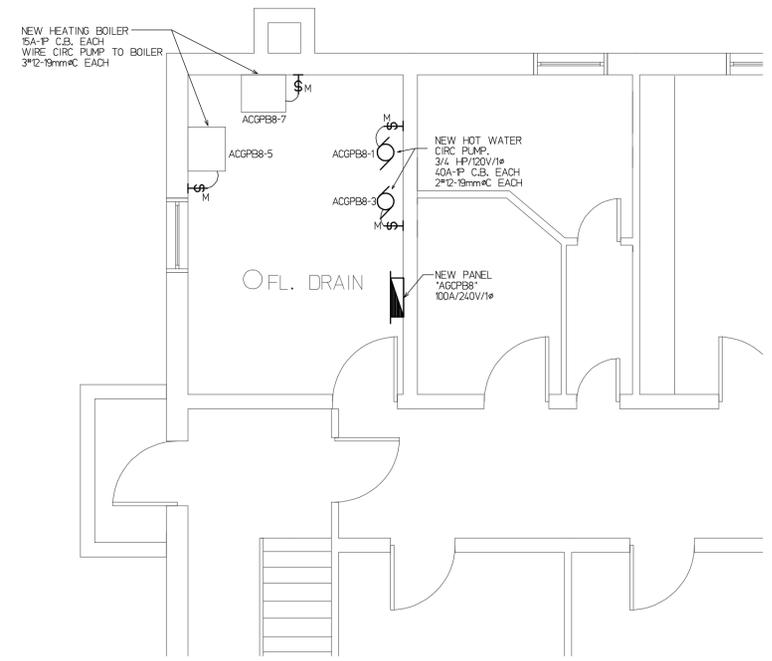
1 FLOOR PLAN - POWER DEMOLITION
SCALE - 1 : 50

- LEGEND:**
- M-4P-1 Existing manual single phase starter
 - Existing motor
 - Existing panel
 - M-4P-1 New manual single phase starter
 - New motor
 - New panel

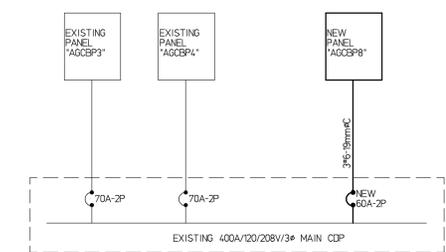
- NOTES:**
- Before submitting his tender the electrical contractor shall examine the site and all existing conditions affecting the work under this contract.
 - All materials and installations to meet the latest requirements of the C.E.C. and to the satisfaction of the local authority having jurisdiction.
 - Contractor to give all necessary notices, obtain all permits and all fees in order that the work may be carried out.
 - All equipment and systems shall be tested for proper, suitable operation and to the satisfaction of the Departmental Representative, owner and all authorities having jurisdiction. Any corrections, retesting, etc. as required to complete systems shall be done at no expense to the owner.
 - At completion of work, provide a final certificate of inspection as evidence that all work installed conforms with the laws and regulations of all authorities having jurisdiction.
 - As-built drawings to be provided to building owner upon completion of project.
 - Remove all existing redundant conduit and wiring as required.
 - Contractor to notify Departmental Representative 48 hours prior to rough-in and final completion.
 - Circuit numbers indicated are actual circuits to be used. Circuits shown may not be connected to any other device other than shown. Integrity of the circuit design shall be maintained.
 - Provide new circuit breakers in existing main distribution to new panel as required.
 - Contractor to provide typed, updated panel schedules.



KEY PLAN - BUILDING
SCALE - 1 : 200



2 FLOOR PLAN - NEW POWER
SCALE - 1 : 50

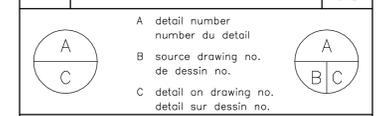


SINGLE LINE DIAGRAM
SCALE - N.T.S.

120/240 VOLTS		PANEL AGCPB8					
1	PHASE	LOCATION Mechanical Room		100 A. BUSSING			
3	WIRE	FEEDER		SURFACE		MTG.	
CIR.	BKR.	WATTAGE	REMARKS	REMARKS	WATTAGE	BKR.	CIR.
		#A	#B		#A	#B	
1	40A	1656	Circ. pump				2
3	40A	1656	Circ. pump				4
5	15A	600	Heating boilers				6
7	15A	600	Heating boilers				8
9							10
11							12
TOTALS				TOTALS			
Ø A TOTAL =							
Ø B TOTAL =							
Ø C TOTAL =							
PANEL TOTAL =							
REMARKS							

3.	ISSUED FOR 100%	2011/05/10
2.	ISSUED FOR 99% REVIEW	2011/03/30
1.	ISSUED FOR 66% REVIEW	2011/02/18

REVISIONS	DESCRIPTION	DATE
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project title / titre du projet

**AGRICULTURE AND AGRI-FOODS CANADA
LETHBRIDGE RESEARCH CENTER
LETHBRIDGE, ALBERTA
BUILDING #22
HEATING SYSTEM REPLACEMENT**

drawing title / titre du dessin

**FLOOR PLAN
ELECTRICAL**

designed by / conçu par

drawn by / dessiné par

approved by / approuvé par

PWOSC Project Manager / Administrateur de Projets TPSCG

scale / échelle / sheet / feuille

project no. / projet no.

date / date