



**Long Sault Villa**  
53 Long Sault Drive, Long Sault, ON

TAL-CO Building Innovations  
1341-2 Coker Street  
Greely, Ontario K4P 1A1  
Tel: 613-821-3959  
Fax: 613-821-2938

Issue date: June 15/15  
Rev. Date: N/A  
Revision #: N/A

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**ADDENDUM #5 - NOTIFICATION**

The following modifications and clarifications are to be accounted for when tendering on this potential contract. As well, when entering into the Form of Agreement to do the work, they shall become a part thereof.

**Instruction/Clarifications:**

1. **Please refer to attached Addendum #5 (3 pages).**
2. **Reminder** that all Scopes of Work listed as Tender Lot #1 (refer to Addendum #3) will be closing on Tuesday June 16, 2015 at 2:00PM.

Receipt of this addendum shall be acknowledged when submitting your tender submission. Failure to do so may result in the rejection of your Tender submission.

For questions or further information, please contact the office by e-mail at [info@tal-co.com](mailto:info@tal-co.com).

**End of Addendum Notification No. 5**



## Long Sault Villa Addendum #5 - Details

TAL-CO Building Innovations Limited  
1341-2 Coker Street  
Greely, Ontario K4P 1A1  
Tel: 613-821-3959  
Fax: 613-821-2938

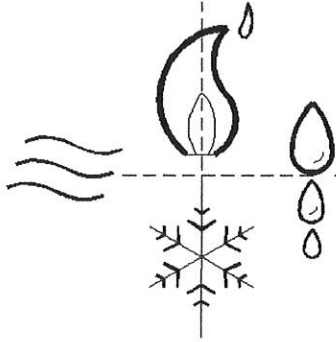
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Please find below the consultants response to recently reviewed questions from our sub-trades.

1. Electrical Addendum – EA-01, was received today from the M&E Engineer.  
Refer to attached.

**End of Addendum No. 5**



# **BEKOLAY & Associates. Ltd.**

**Consulting Engineers**

## **Mechanical Addendum**

To:	<b>Woodman Architect &amp; Associates Ltd.</b>	Project ID.:	Long Sault Villa Retirement Residence
Att:	Patrick England	Project No.:	2014-03
Subject:	Heat Pump Breaker Sizes	Elec Addendum No.:	EA-01
		Date:	15-Jun-15

1. See ESK-1; the values in the Mechanical Equipment Schedule have been revised as follows:
  - a. Added: HP-1
    - i. Voltage: 120V
    - ii. FLA: 7.3A
    - iii. MCA: 8.9A
    - iv. MOP: 15A
  - b. HP-2 (Changed from HP-1)
    - i. Voltage: 120V
    - ii. FLA: 13.3A
    - iii. MCA: 16.3A
    - iv. MOP: 25A
  - c. HP-3 (Changed from HP-2)
    - i. Voltage: 120V
    - ii. FLA: 16.1A
    - iii. MCA: 19.8A
    - iv. MOP: 30A
  - d. HP-4 (Changed from HP-3)
    - i. Voltage: 208V – Single Phase
    - ii. FLA: 15.7A
    - iii. MCA: 19.08A
    - iv. MOP: 30A
2. Please see Mechanical drawings M-6 to M-8 for Heat Pump types and locations.
3. Revise breaker size and outlet type as required for new MOP where required.
4. Conductor size for HP-2, 3, & 4 to be No.10.

E. Hill-Keast, MET

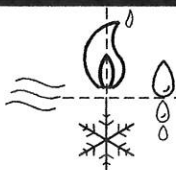
## Mechanical Equipment Schedule

Equipment Identification	Description	Voltage	Phase	Power	FLA	MCA	MOP	Motor Protection/Control	Remarks
MAU-1	Make-Up Air Unit	208V	3		111A	118.4A	125A	Integral with unit	
MAU-2	Make-Up Air Unit	208V	3		80.1A	84.9A	100A	Integral with unit	
FC-1	Fluid Cooler	208V	3	--	--	44.6A	50A	Integral with unit	
B-1&2	Gas Fired Boiler	120V	1					Integral with unit	Complete with primary circulation pump
P-1&2	Secondary Circulation Pumps	208V	3	15HP	46.2A	57.8A		Complete with VFD and controls by mechanical	
P-3	MAU Hot Water Circ Pump	208V	3	1.5HP	5A		15A	Complete with VFD and controls by mechanical	
P-4,5,&6	Domestic Hot Water Circulation Pumps	120V	1	1/8HP	1.4A	--	15A	Manual Starter	
SP-1&2	Sump Pump	120V	1	1/4HP	6.5A			Integral with unit	
DHWT-1&2	Gas Fired Domestic Hot Water Tanks	120V	1			15A	15A		
HP-1	Console Heat Pump	120V	1		7.3A	8.9A	15A	Integral with unit	¾ ton - Small Ext'g Suites
HP-2	Console Heat Pump	120V	1		13.3A	16.3A	25A	Integral with unit	1 ton - North Side Console - Run No. 10 Wiring
HP-3	Console Heat Pump	120V	1		16.1A	19.8A	30A	Integral with unit	1.25 ton - South Sde Console - Run No. 10 Wiring
HP-4	Vertical Heat Pump	208V	1		15.7A	19.08	30A	Integral with unit	2 ton - Vertical Ducted Console - Run No. 10 Wiring

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CLIENT  
Long Sault Retirement Residence

PROJECT  
Long Sault Addition



**BEKOLAY & Associates. Ltd.**

Consulting Engineers

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TITLE  
Revised Mechanical Equipment Sched.

JOB No.  
2014-03

DATE  
15-Jun-15

DRAWING No.  
**ESK-1**