



# SUPPLEMENTAL INSTRUCTION

CONTRACTOR:  
**Tal-co Building Innovations**  
Address:  
Sutie 2, 1341 Coker Street  
Greely, Ontario, K4P 1A1

PROJ.: **Dovercourt Phase 2**  
PROJ. No.: **1712**  
DATE: July 23, 2018  
S.I. No. **S.I. - 004**

Supplemental Instructions are issued to the Construction Manager to record a clarification or revision to the previously issued Contract Documentation as reflected by the attached Information Bulletin prepared by the identified Consultant.

The Construction Manager shall review the Supplemental Instruction and the attached Information Bulletin and issue to the effected Trade Contractors identifying the following course of action by the trade contractor:

- Proceed with Instruction. Issued for general information, no change to Contract price or schedule. (Site Instruction)
- Proceed with Instruction and provide a quotation within 10 days, identifying change to Contract price and schedule (Change Directive)
- Do not proceed. Provide quotation identifying change to Contract price and schedule within 10 days. (CCO)

## Partners

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Senior Arch. Tech.

## 1.1 TITLE

Cor-line buried below grade

## 1.2 DESCRIPTION OF THE WORK

.1 Please refer to the attached ESI-01 regard direction for compliant installation of Cor-Line when installed within a granular bed below slab.

## 1.3 ATTACHMENTS

ESI-01 Cor-Line below Grade

## 1.4 REASON

To address concerns with the specification compliance of the installation of the Cor-line conduit within the compacted granular below slab.

## Hobin Architecture Incorporated

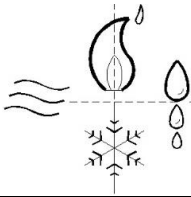
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**Electrical Information Bulletin**

Project: **Dovercourt Phase 2**  
411 Dovercourt Ave

Project No.: **2017-09**  
Issued By: **M. Grondin**

Desc.: **Cor-line ENT Direct Burial**

SI No.: **ESI- 01**

To: **Barry J. Hobin & Associates Architects**  
63 Pamilla St. Ottawa On. K1S 3K7

Att: **Doug van den Ham**  
**Sandy Davis**

Date: **2018-07-23**

The following instruction(s) is issued as a clarification to the contract or as required based on site conditions. Comply with performance standards of the contract documents.

**The following is issued for Cor-Line Electrical Non-Metallic Tubing used under grade**

**The following is provided to ensure Electrical Code Compliance.**

1. Cor-line ENT was requested to be used via email. Email stated use was to be in slab. Site review revealed Cor-Line ENT is Direct Buried (below grade) in General 3/4 aggregate (GA) back fill.
2. Documentation supplied for Cor-Line provided Electrical Code references needing to be followed to allow installation either concrete encased (in-slab) or direct burial (below grade).
  - a. Direct Burial requires compliance with section s12-012, 12-1500, 12-1502, 12-1510
3. Rule 12-1510 requires use of solvent connections (confirmed)
4. Rule 12-1502 required protection during and after construction
5. 12-1500 (a) requires rule 12-012 to be followed.
6. 12-012 provides specific requirements for direct burial. Non-compliance is noted:
  - a. 12-012 (4) "Direct buried conductors or cables shall be installed so that they run adjacent to each other and to not cross over each other and with a layer of screened sand with a maximum particle size of 4.75mm or screened earth at least 75mm deep booth above and below the conductors."
  - b. No sand coverage was observed. GA used has particles larger than 4.75mm
7. Rectification suggestion:
  - a. Replace Cor-Line ENT not meeting code requirements (direct buried) with rigid PVC conduit (preferred) or concrete encased ENT.
8. Call for re-inspection