

**February 03, 2022**  
**ADDENDUM NO. 8**  
**Project Number: R.100644.001**

This Addendum shall be attached to and form an integral part of the Contract Documents. The Contents of this Addendum shall be brought to the attention of and read by all concerned. Receipt of this Addendum shall be acknowledged on the Bid Form. The following changes in the bid documents are effective immediately.

The Contract Documents issued by Taylor Hazell Architects Ltd and their consultants are hereby amended as follows:

**1. Specifications- Document Set 2**

1. Section 07 61 00 Sheet Metal Roofing
  1. Clauses 2.3.2 and 2.3.3 can be omitted as the Cow barn roofing does not have plywood roof sheathing and underlayment in the roof assemblies.
2. Section 08 36 13\_02 Sectional Metal Doors.
  1. Clause 2.8.2 – replace “CSA enclosure type 1” with “CSA enclosure type 4X”
3. Section 22 05 15 Plumbing Specialties and Accessories
  1. Delete previous 2.16.1.4 and Add: “2.16.1.4 DMV-1: 0.95L/s capacity at outlet.”
4. Section 23 34 00 Plumbing Specialties and Accessories
  1. Add: “2.2.1.4 Motor for EF-5 shall be explosion-proof, rated for Class 1, Div 1 locations.”
5. Section 26 42 13 – Transient Voltage Surge Suppressors
  1. Revise Art 2.2.1.2.1:  
“240 kA per phase, 80 kA per mode, maximum suppression voltage ratings listed to UL 1449 as follows:  
Voltage L-N L-G N-G MCOV  
208Y/120V 400V 400V 400V 150V  
600Y/347V 1200V 1200V 1200V 420V,”  
to read:  
“**160** kA per phase, **80** kA per mode, maximum suppression voltage ratings listed to UL 1449 as follows:  
Voltage L-N L-G N-G MCOV  
208Y/120V 400V 400V 400V 150V  
600Y/347V 1200V 1200V 1200V 420V”
  2. Revise Art 2.2.1.2.4:  
“Distribution applications, Category B location: 160 kA per phase, 80 kA per mode, maximum suppression voltage ratings listed to UL 1449 as follows:

Voltage L-N L-G N-G MCOV  
208Y/120V 400V 400V 400V 150V  
600Y/347V 1200V 1200V 1200V 420V"

to read:

"Distribution applications, Category B location: **120 kA** per phase, **60 kA** per mode, maximum suppression voltage ratings listed to UL 1449 as follows:

Voltage L-N L-G N-G MCOV  
208Y/120V 400V 400V 400V 150V  
600Y/347V 1200V 1200V 1200V 420V"

6. Detail Sheets
  1. Clarification: Panel PP-GC, PP-GD, PP-GF and PP-GG as well as detail E-130 pertain to the Goat Barn and are not applicable or to be included as part of this project.
  
2. **Electrical Drawings-Document Set 2**
  1. DRAWING E-C-2.1 LIGHTING LAYOUT, DRAWING E-C-2.2 POWER LAYOUT, DRAWING E-C-2.4 SYSTEMS LAYOUT
    1. The Manure Pump Room C15 is to be classified as a Class 1, Div. 1 space at/in the manure tank and 1524mm away is classified as a Class 1, Div 2 space per Code, and unclassified beyond the room. All electrical equipment and installation in the room (lighting, power and systems) is to be explosion proof per the Code requirements of the area classification. Note that the exhaust fan EF-5 (wall exhauster) serving the room is also to be explosion rated (Class 1 Div 2) as well.
  
  2. DRAWING E-C-2.6 SYSTEMS AND DISTRIBUTION SCHEMATICS
    1. DETAIL 3/E-C-2.6 DISTRIBUTION SCHEMATIC
      1. For Panel DP 'CA', revise branch circuit 13,15,17:  
"CATEGORY 'A' TYPE 3 (80KA) SURGE PROTECTOR MOUNTED ON PANEL. (TRANS TRACK TT2)"  
To read:  
"CATEGORY 'C' TYPE 3 (**160KA**) SURGE PROTECTOR MOUNTED ON PANEL. (**SERVICE** TRACK)"  
And,  
Revise 15A-3P breaker to read **60A**-3P breaker.
      2. For Panel DP 'CB', revise branch circuit 62,64,66:  
"CATEGORY 'A' TYPE 3 (120KA) SURGE PROTECTOR MOUNTED ON PANEL. (TRANS TRACK TT2)"  
To read:

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“CATEGORY ‘**B**’ TYPE 3 (120KA) SURGE PROTECTOR  
MOUNTED ON PANEL. (**SERVICE TRACK**)”  
And,  
Revise 15A-3P breaker to read **60A**-3P breaker.

**END OF ADDENDUM NO. 8**