

Amendment No. 011

Technical Question and Answer

#	Question	Response
1	<p>The specification calls for two different things:</p> <ul style="list-style-type: none"> • 0.43mm minimum base metal thickness • 0.34mm thick prefinished steel, panel size as indicated ... <p>AND The drawings call for:</p> <ul style="list-style-type: none"> • 0.34mm HI-RIB STEEL c/w SCREW FASTENERS <p>Could you provide some clarification on which type of roofing products/profiles would be acceptable?</p>	<p>Reference: 07 61 00 Sheet Metal Roofing Clause 3.2.1: Revise '0.34 mm' with '0.43 mm' in the first line. Refer to Addendum 07.</p>
2	<p>In regards to the polycarbonate windows .</p> <p>1 - I'm not finding a detail on the type of angle frame they are referring to .</p> <p>2- 5385 x 944 is a pc I'm not sure I can get .</p> <p>3. as well concerned about wind load on all the poly windows . WN-4,5,6,7,8,9.. Please advise.</p>	<p>- Contractor to coordinate wall framing including openings withing the wall system to accommodate items (e.g. windows, doors, etc.) installed within them. Contractor to provide stamped shop drawings of wall framing and windows. - Please refer to Walkerbrae Farms project information appended to the Addendum 07 as the window openings are similar in size and shape.</p>
3	<p>I did not see in the specs provided if the motors for the overhead doors need to be NEMA 4 or not. As well as if they need any safety devices on the doors as well (e.x photo eyes or bottom safety edge).</p>	<p>Contractor to provide equipment enclosures and safety devices as required by code.</p>
4	<p>I was hoping to receive some clarification on the construction and materials for the interior signs drawing A-C-1.0 as there is confusing and conflicting information. To meet code, along with braille, they also require tactile graphics which is not stated in the materials.</p>	<p>Refer to spec section 10 14 16 Interior Signage, 2.1 for Materials. Lamacoid to be updated to "rigid phenolic engraving material." On drawing A-C-1.0 Gravoply is to be updated to "rigid phenolic engraving material." Refer to Addendum 07. Tactile graphics standards as required by code is already stated in section 2.6 RAISED TACTILE LETTERING AND BRAILLE .</p>

5	<p>After reviewing the Drawings and Specifications we have been unable to identify a Model or GPM for the Domestic Hot Water Tempering Valve. Could we please enquire about the requirements for this?</p>	<p>The tempering valve should be sized for up to 15 GPM at the mixed outlet.</p>
6.	<p>Section 11 82 00 Electrical Drawings: E-C-2.7,2.8,2.9,2.10,2.11: Please confirm all and each equipment to be supplied and installed by electrical contractor, mechanical contractor and dairy equipment supplier below:</p> <p>A) DWG E-C-2.7: Inverter/Charger 330A/1500W, Master Box Vet Office C/W Power Supply Board, Ventilation Fans, Air Curtains, Rain Sensor, Outdoor Temperature Probe B) DWG E-C-2.8: Auxiliary Box #1 (COW BARN) C/W Power Supply Board and Relay Boards C) DWG E-C-2.9: Auxiliary Box #2 (COW BARN) C/W Power Supply Board and Relay Boards D) DWG E-C-2.10: Manual/Automatic Remote Switch Boxes/Meters, Variable Frequency Drives, Auxiliary Box #2 or #3 (COW BARN) Power Supply Boards, Input/Output Boards E) DWG E-C-2.11: Ventilation Fan Starter Control Panel and Milk Parlour Basket Fan Starter Control Panel F) Provide specification for all individual components above for those specific items to be provided by electrical contractor. Ex boards of each type, remote switch boxes, VFDs, control panels, inverters and chargers, fans, remote devices, etc.</p>	<p>Per specification section 11 82 00 Dairy Equipment and Dairy Equipment List-Cow Barn, the equipment listed below is to be supplied, and installed by:</p> <p>A) Shown on DWG E-C-2.7: - Inverter/Charger 330A/1500W - Dairy Equipment Supplier - Master Box Vet Office C?W Power Supply Board - Dairy Equipment Supplier - Ventilation Fans - Dairy Equipment Supplier - Air Curtains - Dairy Equipment Supplier - Rain Sensor - Dairy Equipment Supplier - Outdoor Temperature Probe - Dairy Equipment Supplier</p> <p>B) Shown on DWG E-C-2.8: - Auxiliary Box #1 (COW BARN) C/W Power Supply Board and Relay Boards - Dairy Equipment Supplier</p> <p>C) Shown on DWG E-C-2.9: - Auxiliary Box #2 (COW BARN) C/W Power Supply Board and Relay Boards - Dairy Equipment Supplier</p>

6. Cont 'd		<p>D) Shown on DWG E-C-2.10: - Manual/Automatic Remote Switch Boxes/Meters - Dairy Equipment Supplier - Variable Frequency Drives - Dairy Equipment Supplier - Auxiliary Box #2 of #3 (COW BARN) Power Supply Board - Dairy Equipment Supplier - Input/Output Boards - Dairy Equipment Supplier</p> <p>E) Shown on DWG E-C-2.11 - Ventilation Fan Starter Control Panel - Dairy Equipment Supplier - Milk Parlour Basket Fan Starter Control Panel - Dairy Equipment Supplier</p> <p>F) As noted, none of the above equipment is to be provided by the electrical contractor therefore there are no further provisions for electrical specifications for said equipment as it is not provided by the electrical contractor.</p> <p>Per response to previous questions/items 46, 47, and 55 above, the Ventilation Systems & associated control panels, cabinets and equipment are to be provided by the Dairy Equipment Supplier. All indicated wiring, cabling and conduit is by the electrical and systems contractors.</p>
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