

The Addendum forms part of the Contract Documents and is to be read, interpreted, and coordinated with all other parts. The cost of all Work contained herein is to be included in the Contract Price. The following revisions supersede the information contained in the original Project Drawings and Specifications to the extent referenced and shall become part thereof. Acknowledge receipt of the Addendum by inserting its number and date on the Bid Form. Failure to do so may subject the bidder to disqualification.

1. CLARIFICATIONS, QUESTIONS AND ANSWERS

Question:

Doors call for adjustable thresholds and hinges. Do you have specifications available or an acceptable manufacturer?

Answer:

There is no basis of design for the adjustable thresholds and hinges. The intention of the “adjustable” criteria is to allow for control over air-tightness. Any product that allows adjustability for that purpose is acceptable.

Question:

Windows – Are the attached specs acceptable? If not, can you provide specifications which satisfy the design requirements?

Answer:

Please see the **Revision 1** section at the bottom of Addendum 2 for changes to the Windows section of RFP.

The red-circled window in **Attachment 1** appears to satisfy the requirements of **Revision 1**.

The intent of the design requirements and possible equivalencies is to ensure that the windows provide for energy efficiency and occupant comfort. Additional performance measurements will be taken into account when evaluating bids. Please remember that cost is not the only consideration when evaluating bids.

Question:

Blower door tests – what ACH are you looking for?

Answer:

The blower door test should achieve an ACH in the ranges provided by Table 9.36.6.4.- A of the 2020 National Building Code of Canada.

Question:

Can the 3 to 4 bedroom houses be bigger than 1200 sq.ft.?

Answer:

Yes. The RFP specifies that the units be approximately 1000 - 1200 sq.ft - the amount of square footage over 1200 sq.ft., should be in reasonable proportion to this.

Question:

Do you require a second bathroom in the master bedroom en-suite?

Answer:

The bathroom locations are up to the discretion of the designer.

Please see **Revision 2** section at the bottom of Addendum 2 for changes to the Functional Program section of RFP.

Question:

Do we include decks and skirting in our proposal?

Answer:

Please see **Revision 2** section at the bottom of Addendum 2 for changes to the Functional Program section of RFP.

Question:

What is the standard height of the utilidor from the final grade?

Answer:

Site is currently being serviced and a standard height is not readily available.

Revisions:

Revision 1:

- **Windows:**
 - Full window system U-values including frame and glass: 0.95 W/m²K
 - Solar Heat Gain Coefficient (SHGC): **Minimum 0.30**
 - Frames: Thermally broken fibreglass or demonstrated thermal equivalent.
 - Provide low-E coatings, and minimum triple pane windows to retain passive solar heat, reduce heat loss and improve thermal comfort.

Revision 2:

Functional Program

- Three-bedroom home and a four-bedroom homes with the associated spaces:
 - Living space including kitchen, dining and living room
 - Bedrooms to include a minimum of 1500mm of linear storage space or equivalent for each bedroom.
 - **Every home includes 1 washroom to include toilet, sink, tub/shower combo. Four bedroom suites to include an additional washroom which includes toilet, sink, and shower.**
 - Kitchen spaces to include a minimum of 3600mm (12') of countertop space and associated upper and lower storage, as well as a standard electric range, refrigerator, dishwasher, two basin sink and storage space suitable for pantry items and cleaning equipment and products such as a vacuum cleaner, mop, broom and related materials.
 - Laundry space and linen storage accessible from the corridor.
 - Approximately 1000-1200 square feet of total area (93m²-112m²)
 - **All homes to include deck ranging from 80 - 120 square feet**

Attachments:

Attachment 1: Proposed window product

END OF ADDENDUM 2

BETHEL WINDOWS AND DOORS

(100 SERIES - AWNING, CASEMENT, AND PICTURE WINDOWS)

TRIPLE GLAZED – DOUBLE LOW E – ARGON FILL

INSTALLATION:

1. Make sure the rough opening is square, clean and 1" larger than the window. Caulk perimeter of rough opening.
2. Set the window square, level and plumb using shims. Make sure the distances between the head and sill, and as well as between the side jambs, are parallel and equal, to assure there is no bowing of members.
3. Secure to structure with nails or screws.
4. Fill space loosely between structure and frame with insulation. Packing excessively may distort the frame member.
If foaming, use Enerfoam #42.

WARRANTY

Windows and doors manufactured by Bethel Windows and Doors are warranted against defective material and factory workmanship for 5 years. Defects must be reported promptly upon receipt of merchandise. The extent of this warranty is limited to the replacement of defective parts only. We cannot be responsible for installation and finishing where defects have been discovered after product is installed and painted. Our responsibility under this warranty shall be null and void if the products have not been installed according to our recommended procedures, or they have been subjected to abuse, neglect or accident.

BETHEL WINDOWS AND DOORS			BETHEL WINDOWS AND DOORS			BETHEL WINDOWS AND DOORS		
Class LC-PG45 Size Tested 46x42 Awning Window-Type AW Class LC-PG2160 (Metric)-Size Tested 1168mm x 1067mm			Class CW-PG50 Size Tested 36x60 Casement Window-Type CW Class CW-PG2400 (Metric)-Size Tested 914mm x 1524mm			Class LC-PG45 Size Tested 99x60 Fixed Window-Type FW Class LC-PG2160 (Metric)-Size Tested 2515mm x 1524mm		
<i>Positive Design Pressure (DP)</i> 2160 Pa <i>Negative Design Pressure (DP)</i> -2160 Pa <i>Water Penetration Resistance Test Pressure</i> 510 Pa <i>Canadian Air Infiltration/Exfiltration</i> A3 Level			<i>Positive Design Pressure (DP)</i> 2400 Pa <i>Negative Design Pressure (DP)</i> -2400 Pa <i>Water Penetration Resistance Test Pressure</i> 730 Pa <i>Canadian Air Infiltration/Exfiltration</i> A3 Level			<i>Positive Design Pressure (DP)</i> 2160 Pa <i>Negative Design Pressure (DP)</i> -2160 Pa <i>Water Penetration Resistance Test Pressure</i> 730 Pa <i>Canadian Air Infiltration/Exfiltration</i> Fixed Level		
U-Value Valeur-U 0.98 W/m ² .K	Solar Heat Gain Coefficient Coefficient de gain de chaleur solaire 0.24	Visual Transmittance Transmission visible 0.37	U-Value Valeur-U 0.99 W/m ² .K	Solar Heat Gain Coefficient Coefficient de gain de chaleur solaire 0.24	Visual Transmittance Transmission visible 0.37	U-Value Valeur-U 0.80 W/m ² .K	Solar Heat Gain Coefficient Coefficient de gain de chaleur solaire 0.33	Visual Transmittance Transmission visible 0.51
Energy Rating Rendement energetique 31			Energy Rating Rendement energetique 32			Energy Rating Rendement energetique 42		
Conforms to AAMA/WDMA/CSA 101/I.S.2/A440-8 and CSA A440AS1-09			Conforms to AAMA/WDMA/CSA 101/I.S.2/A440-8 and CSA A440AS1-09			Conforms to AAMA/WDMA/CSA 101/I.S.2/A440-8 and CSA A440AS1-09		