

Project Title and Location: **Exterior Window and Door Replacement
160-430 Boullee St., London
Contract No. LON00016400-BS**

ADDENDUM NO. 2

DIRECTIVE

This addendum shall form an integral part of the plans and specifications for the above project and shall be read in conjunction therewith. This addendum shall, however, take precedence over all requirements of the previously issued drawings and specifications with which it may prove to be at variance, unless otherwise clarified by the Engineer.

This addendum must be signed by the Tenderer in the appropriate space and must be attached to the back of the Form of Tender and placed in the envelope for submission at the time of tendering. Tenders not including this addendum signed as requested, may be rejected as informal.

GENERAL CLARIFICATIONS FROM SITE SHOWING – JULY 25, 2018:

The following items required clarification and shall be adhered to during the tendering and completion of this contract.

- The front and rear doors will require a pine 1” jamb extension on the interior to allow the door frames to cover the existing caulking on the exterior of the entrances. This extension will also require an extended strike plate for all door handles.
- A revised window schedule has been included with this addendum outlining the updated window quantities and layouts (no single hung windows are included and W9 has been changed to a Slider-Fixed-Slider configuration).
- A revised Bid Form and Summary of Work are attached to allow a separate price for the replacement of the basement windows (W6). LMHC will include the replacement of these windows at their discretion.
- A map of the complex showing the location of each unit type has been included with this addendum. Note that the community center is built as a 4 bedroom unit.
- Note that the contractor is to verify the swing of all unit entrance doors. All new doors are to swing in the same direction as the existing doors.
- Rusco Manufacturing Inc. has been added as an alternative manufacturer for the windows and doors.
- All doors to have a pre-finished white coating (Polytech or equivalent).
- All door hardware is to be removed and reinstalled.
- The contractor may have a storage container onsite for tools and a separate container for garbage.
- The contractor must have a portable washroom for their use. No onsite facilities may be used. The location of each is to be confirmed with LMHC.
- Power from the units may be used during the construction.
- All windows are to be a total width of 6 1/8” to cover existing sealants on the exterior of the buildings.

BID FOR: Project #: 2018-0015 – Window/Door Replacement at
Boullee Street site, London, ON

SUBMITTED BY: NAME: _____
ADDRESS: _____
PHONE: _____ FAX: _____

TO: Norman Turner
Director, Assets Management
London & Middlesex Housing Corporation
1299 Oxford Street East, Unit 5C5
London, ON N5Y 4W5

We agree to furnish all labour, materials, services and equipment necessary for this project in accordance with the terms and conditions stated in the Tender Documents prepared by London & Middlesex Housing Corporation (LMHC) for the following stipulated sum:

Window Manufacturer: _____

Storm Door Manufacturer: _____

Materials & Equipment: \$ _____

Labour: \$ _____

HST: \$ _____

Total Cost: \$ _____

Total Cost:(including rear storm doors) _____

_____ / 100 DOLLARS (in writing)

Storm Door Separate Price

We agree to furnish all labour, materials, services and equipment necessary for the supply and installation of new storm doors to the front of the 136 units in accordance with the terms and conditions stated in the Tender Documents prepared by London & Middlesex Housing Corporation (LMHC) for the following additional stipulated sum:

Storm Door Manufacturer: _____

Materials & Equipment: \$ _____

Labour: \$ _____

HST: \$ _____

Total Cost: \$ _____

Front Storm Door Total Cost: _____

_____ / 100 DOLLARS (in writing)

Basement Window Separate Price

We agree to furnish all labour, materials, services and equipment necessary for the supply and installation of new basement windows (W6) to the 136 units in accordance with the terms and conditions stated in the Tender Documents prepared by London & Middlesex Housing Corporation (LMHC) for the following additional stipulated sum:

Storm Door Manufacturer: _____

Materials & Equipment: \$ _____

Labour: \$ _____

HST: \$ _____

Total Cost: \$ _____

Basement Window (W6) Total Cost: _____

_____ / 100 DOLLARS (in writing)

Signing Officer: _____ Name: _____
(Signature) (Print)

Title: _____ Date: _____

(affix Bidders Seal)

Bids shall remain open to acceptance for a period of thirty (30) days after the bid closing date.

The following addenda have been included in this Bid (enumerate all agenda by number):

Addendum # _____

PART 1 - TIME

- 1.1 We agree to complete the installation of all of the exterior windows and doors by:
-
- 1.2 Estimated time required for 1.1 _____
- 1.3 To commence part 1.1 of the project in _____ calendar days after the authorization to proceed.
- 1.4 To complete the total project in _____ calendar days.
- 1.5 Storm door installtion to be completed by _____

PART 2 – PRICING & SUBCONTRACTORS

- 2.1 If our Bid is accepted, it is our intention to employ the following Subcontractors in accordance with G.C. Part 6 & 25 – Payment & Warranty.

All portions of the work other than identified Subcontractors below will be executed by us with our own workmen.

- 2.2 Removal \$ _____ Sub-contractor _____
- 2.3 Installation \$ _____ Sub-contractor _____
- 2.4 Millwork \$ _____ Sub-contractor _____
- 2.5 Drywall \$ _____ Sub-contractor _____
- 2.6 Painting \$ _____ Sub-contractor _____
- 2.7 Caulking \$ _____ Sub-contractor _____
- 2.8 Prep Work \$ _____ Sub-contractor _____
- 2.9 Siding \$ _____ Sub-contractor _____

PART 3 – UNIT PRICES

3.1 The following unit prices will be taken into consideration during Tender analysis.

3.2 The unit prices quoted for extra work and for less work than specified are given below. All prices include overhead and profit and all other charges of the Contractor, and represent the actual cost. The adjustment to the contract sum shall be based on the net quantity difference from the original quantity.

3.3	<u>Extra Work</u>	<u>Less Work</u>
a) The labour cost per hour for:		
I. Drywall Repair	\$ _____	per sq ft.
II. Painting	\$ _____	per sq. ft.

***** End of Section *****

1.1 SECTION INCLUDES

- .1 The requirements of Division 0, General Instructions apply to all aspects of the Work.
- .2 Works in this Specification is divided into descriptive Sections which are not intended to identify absolute contractual between Subcontractors, nor between the Contractor and its Subcontractors. The Contractor shall be responsible for organizing division of labour and supply of products and services essential to complete the work.
- .3 All work must be conducted in good workmanship manner and in accordance with the current Occupational Health and Safety Act and CCDC 2 Contract documents.

1.2 PROJECT LOCATION

- .1 The project is located at 160 – 430 Boullee Street in London, Ontario.

1.3 SCHEDULING

- .1 The window and door replacement shall be undertaken as soon as possible.

1.4 WINDOW SIZES

- .1 The window sizes given are taken from onsite measurement, and refer to the dimension of the rough opening. Contractors should verify all dimensions and inform consultant if sizes differ significantly from the sizes listed below. The window configurations to be similar to the Drawings.
- .2 There are thirteen (13) different window sizes:

Window No.	Size (mm) (R.O.S.)	Material	Qty.	Typical Wall Section
W1	2,058 x 1,438	Vinyl	121	Brick Veneer on Wood Frame
W2	1,388 x 958	Vinyl	230	Vinyl Siding on Wood Frame
W3	1,178 x 958	Vinyl	101	Vinyl Siding on Wood Frame
W4	1,888 x 1,138	Vinyl	101	Brick Veneer on Wood Frame
W5	788 x 958	Vinyl	101	Vinyl Siding on Wood Frame
W6 OPTIONAL	800 x 600	Vinyl	135	Brick Veneer on Wood Frame
W7	1,598 x 958	Vinyl	20	Vinyl Siding on Wood Frame

Window No.	Size (mm) (R.O.S.)	Material	Qty.	Typical Wall Section
W8	1,188 x 958	Vinyl	34	Vinyl Siding on Wood Frame
W9	1,798 x 958	Vinyl	34	Brick Veneer on Wood Frame
W10	1,188 x 958	Vinyl	40	Vinyl Siding on Wood Frame
W11	2,128 x 1,448	Vinyl	14	Brick Veneer on Wood Frame
W12	1,083 x 988	Vinyl	28	Brick Veneer on Wood Frame
W13	965 x 984	Vinyl	14	Brick Veneer on Wood Frame

1.5 DOOR SIZES

- .1 The door sizes given are taken from onsite measurement, and refer to the dimension of the rough opening. Contractors should verify all dimensions and inform consultant if sizes differ significantly from the sizes listed below. The door configurations are to be similar to the Drawings.
- .2 There are three (3) different doors:

Door No.	Size (mm) (R.O.S.)	Material	Qty	Typical Wall Section
D1	850 x 2,070	Insulated Metal	135	Brick Veneer on Wood Frame
D2	850 x 2,070	Insulated Metal	135	Brick Veneer on Wood Frame
D3	850 x 2,070	Un-insulated metal storm door	135	Brick Veneer on Wood Frame

1.6 SUMMARY OF WORK

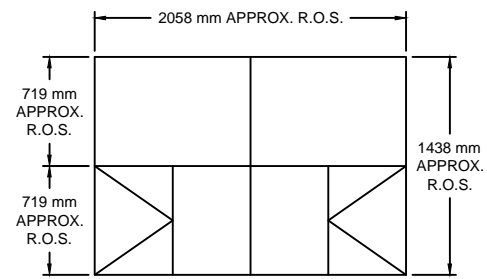
- .1 Perform complete window replacements as indicated on the Drawings, in accordance with Section 08 53 10 – Vinyl Windows and as otherwise specified, with the exception of the W6 basement windows. An Optional Price will be included in the bid form for the replacement of the basement windows. This work is to include the following:
 - .1 Remove and dispose of the existing windows, and all other components that require replacement. Perform this work in accordance with Section 02 41 19 – Selective Demolition and Removal.

- .2 Replace or reset deteriorated window sills and repair missing/cracked mortar to ensure a level opening.
 - .3 Supply and install new plywood strapping to ensure level and plumbness of windows, and to build up sill as required. Perform this work in accordance with Section 06 10 00 – Rough Carpentry.
 - .4 Supply and install new waterproofing membrane at the window penetrations in accordance with the Drawings and Section 08 53 10 – Vinyl Windows.
 - .5 The new windows shall consist of the following, except where noted on the drawings:
 - .1 Sealed insulating glass units with a low Solar Heat Gain Coefficient (SHGC).
 - .2 Low-E with Argon.
 - .6 Supply and install new vinyl windows as per Section 08 53 10 – Vinyl Windows.
 - .7 Provide and install full depth spray foam insulation in perimeter cavities, in accordance with Section 08 53 10 – Vinyl Windows.
 - .8 Provide and install new colour matched prefinished sheet metal flashings and trim where required. Perform this work in accordance with Section 07 62 00 – Sheet Metal Flashings and Trim.
 - .9 Provide and install exterior colour matched silicone sealant at all exterior joints and colour matched acrylic sealant at all interior joints, in accordance with Section 07 92 00 – Sealants.
 - .10 Provide and install new interior wood trim in accordance with Section 06 20 00 – Finish Carpentry.
 - .11 Provide and install interior paintable latex sealant, in accordance with Section 07 90 00 – Sealants.
 - .12 Patch and paint any areas of existing interior or exterior walls damaged by construction activities.
- .2 Perform complete replacement of front and rear entrance doors as per Section 08 11 13 – Metal Doors and Frames and as otherwise specified. This work is to include the following:
 - .1 Remove and dispose of the existing framed door, and all other components that require replacing. Perform this work in accordance with Section 02 41 19 – Selective Demolition and Removal.
 - .2 The new doors shall consist of the following, except where otherwise noted:
 - .1 Insulated metal door and all new hardware for the front and rear entrance doors including door handles, hinges, cylinders and deadbolts.
 - .2 Square window and peep hole on the front doors.
 - .3 Peep hole on the rear doors.
 - .4 New storm door at the rear door entrance.

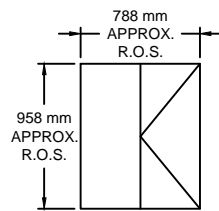
- .3 Supply and install new waterproofing membranes at the door penetrations as per the Drawings and Section 08 11 13 – Metal Doors and Frames.
 - .4 Supply and install new insulated metal and storm doors as per Section 08 11 13 – Metal Doors and Frames.
 - .5 Provide and install full depth spray foam insulation in perimeter cavities, in accordance with Section 08 11 13 – Metal Doors and Frames.
 - .6 Provide and install new colour matched prefinished sheet metal flashings and trim where required. Perform this work in accordance with Section 07 62 00 – Sheet Metal Flashings and Trim.
 - .7 Provide and install exterior colour matched silicone sealant at all exterior joints, in accordance with Section 07 92 00 – Sealants.
 - .8 Provide and install new interior wood trim in accordance with Section 06 20 00 – Finish Carpentry.
 - .9 Provide and install interior paintable latex sealant, in accordance with Section 07 90 00 - Sealants.
 - .10 Patch and paint any areas of existing interior or exterior walls damaged by construction activities.
- .3 London and Middlesex Housing Corporation (LMHC) shall prepare units for work including the removal and re-installation of all blinds, curtains, drapery, and re-location of tenant property around window and door areas.
 - .4 Perform daily and final clean-up of work areas, surrounding areas, and site.
 - .5 The above description is general only and must not be construed as limiting the scope of work, or definitive in terms of sequence of events and scheduling. Contractor is to verify all measurements prior to commencing work.
 - .6 The contractor shall supply one (1) extra window and door for each window and door type. The additional window and door shall include all components required for installation.

END OF SECTION

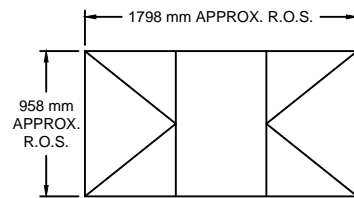
WINDOW OPENING SIZES



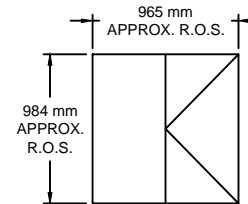
W1 QTY: 121



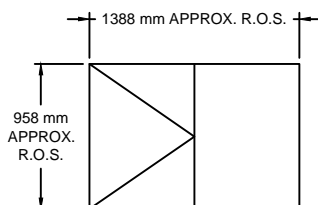
W5 QTY: 101



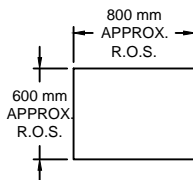
W9 QTY: 34



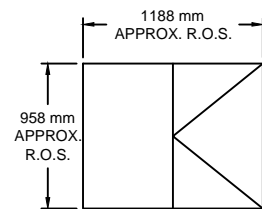
W13 QTY: 14



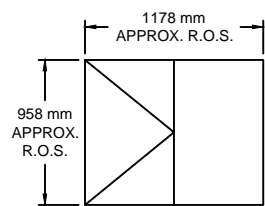
W2 QTY: 230



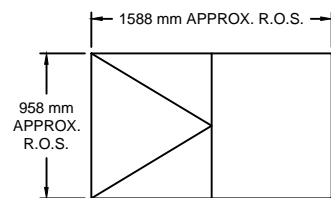
W6 QTY: 135



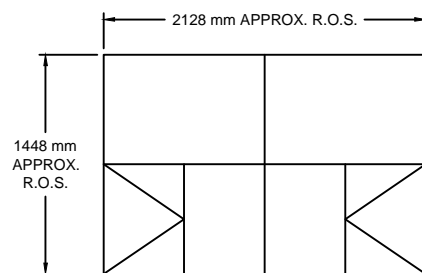
W10 QTY: 40



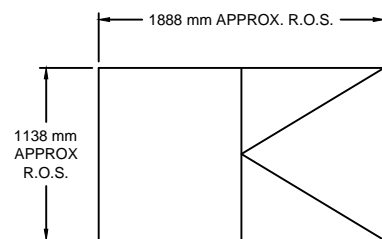
W3 QTY: 101



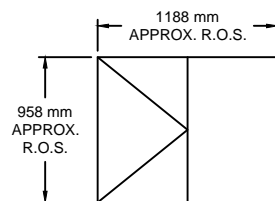
W7 QTY: 22



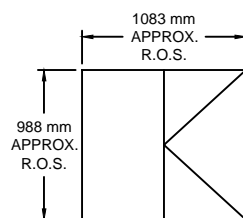
W11 QTY: 14



W4 QTY: 101

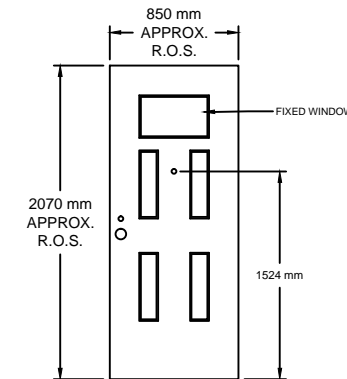


W8 QTY: 34

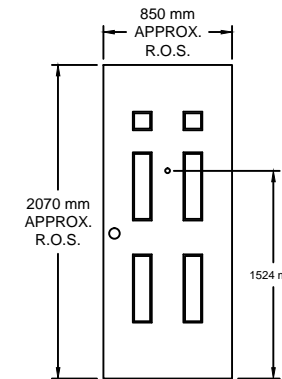


W12 QTY: 28

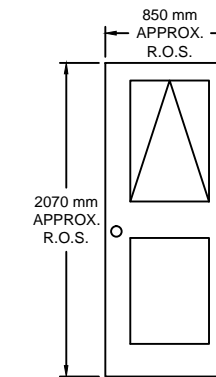
DOOR OPENING SIZES



D1 QTY: 135



D2 QTY: 135



D3 QTY: 135

LEGEND

R.O.S. - ROUGH OPENING SIZE

NOTE

- CONTRACTOR TO VERIFY SLIDER DIRECTION ON-SITE FOR ALL WINDOWS.
- CONTRACTOR TO VERIFY ALL WINDOW AND DOOR DIMENSIONS.
- ALL WINDOW AND DOOR WORK TO BE IN ACCORDANCE WITH THE SPECIFICATIONS.

STAMP

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- BUILDINGS
- ENERGY
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- SUSTAINABILITY

NOTE:

1. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXISTING ASSEMBLIES, SITE CONDITIONS AND ALL DIMENSIONS.
2. DO NOT SCALE DRAWINGS.
3. ALL DEFICIENCY LOCATIONS SHOWN ON DRAWINGS ARE APPROXIMATE.

CLIENT
LMHC
379 DUNDAS STREET, SUITE 207
LONDON, ONTARIO, N6B 1V5

PROJECT
WINDOW AND DOOR REPLACEMENT
DESIGN DETAILS
160-430 BOULLEE STREET

TITLE
Window & Door Opening Details

DESIGN	N/A	PROJECT NO. LON-00016400-BS LMHC #2018-0015 DRAWING NO. 1.1
DRAWN BY	A.K.	
CHECKED	N.J.O.	
DATE	JULY 2018	
SCALE	N.T.S.	

WINDOW AND DOOR SCHEDULES

WALL SECTIONS

TOTAL QUANTITY OF WINDOWS					
TYPE	MATERIAL	OPENING SIZE (mm)	QUANTITY	ID #	NOTES
FIXED OVER DOUBLE SLIDER	VINYL	2058 x 1438	121	W1	
SLIDER	VINYL	1388 x 958	230	W2	
SLIDER	VINYL	1178 x 958	101	W3	
SLIDER	VINYL	1888 x 1138	101	W4	
SLIDER	VINYL	788 x 958	101	W5	
FIXED	VINYL	800 x 600	135	W6	BASEMENT WINDOW
SLIDER	VINYL	1598 x 958	20	W7	
SLIDER	VINYL	1188 x 958	34	W8	
SLIDER - FIXED - SLIDER	VINYL	1798 x 958	34	W9	
SLIDER	VINYL	1188 x 958	40	W10	
FIXED OVER DOUBLE SLIDER	VINYL	2128 x 1448	14	W11	
SLIDER	VINYL	1083 x 988	28	W12	
SLIDER	VINYL	965 x 984	14	W13	

4 BEDROOM UNIT - WINDOWS (PER UNIT)					
TYPE	MATERIAL	LOCATION	OPENING SIZE (mm)	QUANTITY	ID #
FIXED OVER DOUBLE SLIDER	VINYL	GROUND FLOOR, FRONT	2058 x 1438	1	W1
SLIDER	VINYL	SECOND FLOOR, FRONT	1588 x 958	1	W7
SLIDER	VINYL	SECOND FLOOR BEDROOM, FRONT	1188 x 958	1	W8
SLIDER - FIXED - SLIDER	VINYL	GROUND FLOOR, REAR	1798 x 958	1	W9
SLIDER	VINYL	SECOND FLOOR BEDROOM, REAR	1188 x 958	2	W10
SLIDER	VINYL	BASEMENT, REAR	800 x 600	1	W6

5 BEDROOM UNIT - WINDOWS (PER UNIT)					
TYPE	MATERIAL	LOCATION	OPENING SIZE (mm)	QUANTITY	ID #
FIXED OVER DOUBLE SLIDER	VINYL	GROUND FLOOR, FRONT	2128 x 1448	1	W11
SLIDER	VINYL	SECOND FLOOR BEDROOM, FRONT & REAR	1388 x 958	2	W2
SLIDER	VINYL	SECOND FLOOR BEDROOM, FRONT	1188 x 958	1	W8
SLIDER	VINYL	GROUND FLOOR, REAR	1083 x 988	2	W12
SLIDER	VINYL	GROUND FLOOR KITCHEN, REAR	965 x 984	1	W13
SLIDER - FIXED - SLIDER	VINYL	SECOND FLOOR BEDROOM, REAR	1798 x 958	1	W9
SLIDER	VINYL	BASEMENT, REAR	800 x 600	1	W6

3 BEDROOM UNIT - WINDOWS (PER UNIT)					
TYPE	MATERIAL	LOCATION	OPENING SIZE (mm)	QUANTITY	ID #
FIXED OVER DOUBLE SLIDER	VINYL	GROUND FLOOR, FRONT	2058 x 1438	1	W1
SLIDER	VINYL	SECOND FLOOR BEDROOM, FRONT & REAR	1388 x 958	2	W2
SLIDER	VINYL	SECOND FLOOR BEDROOM, FRONT	1178 x 958	1	W3
SLIDER	VINYL	GROUND FLOOR, REAR	1888 x 1138	1	W4
SLIDER	VINYL	SECOND FLOOR BATHROOM, REAR	788 x 958	1	W5
SLIDER	VINYL	BASEMENT, REAR	800 x 600	1	W6

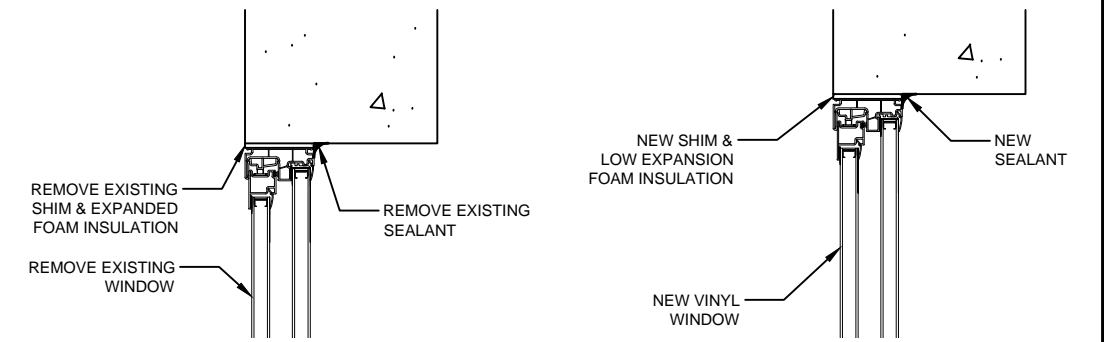
TOTAL QUANTITY OF DOORS			
TYPE	OPENING SIZE	QUANTITY	ID #
METAL INSULATED	850 x 2070	136	D1
METAL INSULATED	850 x 2070	136	D2
STORM	850 x 2070	136	D3

4 BEDROOM UNIT - DOORS (PER UNIT)				
TYPE	LOCATION	OPENING SIZE (mm)	QUANTITY	ID #
METAL INSULATED	GROUND FLOOR, FRONT	850 x 2070	1	D1
METAL INSULATED	GROUND FLOOR, REAR	850 x 2070	1	D2
STORM	GROUND FLOOR, REAR	850 x 2070	1	D3

CONCRETE DOOR SILL REPLACEMENT			
TYPE	LOCATION	QUANTITY	UNIT #
CONCRETE	GROUND FLOOR, FRONT	5	186, 410, 414, 416, 418

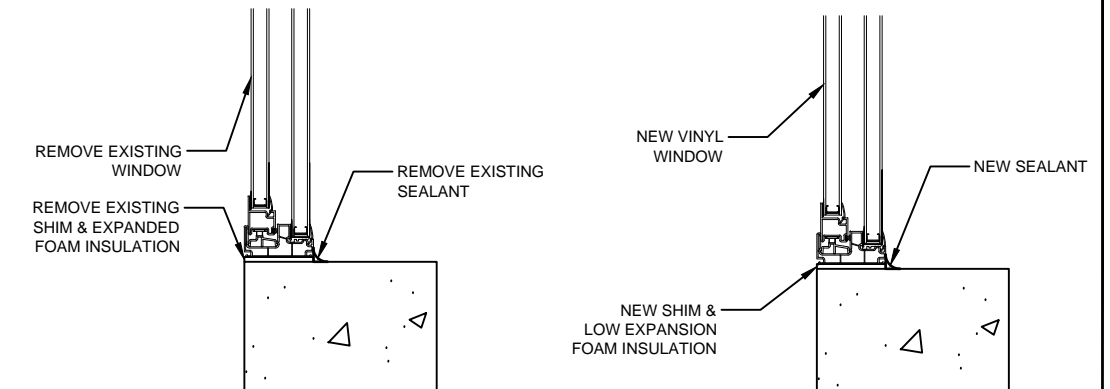
3 BEDROOM UNIT - DOORS (PER UNIT)				
TYPE	LOCATION	OPENING SIZE (mm)	QUANTITY	ID #
METAL INSULATED	GROUND FLOOR, FRONT	850 x 2070	1	D1
METAL INSULATED	GROUND FLOOR, REAR	850 x 2070	1	D2
STORM	GROUND FLOOR, REAR	850 x 2070	1	D3

5 BEDROOM UNIT - DOORS (PER UNIT)				
TYPE	LOCATION	OPENING SIZE (mm)	QUANTITY	ID #
METAL INSULATED	GROUND FLOOR, FRONT	850 x 2070	1	D1
METAL INSULATED	GROUND FLOOR, REAR	850 x 2070	1	D2
STORM	GROUND FLOOR, REAR	850 x 2070	1	D3



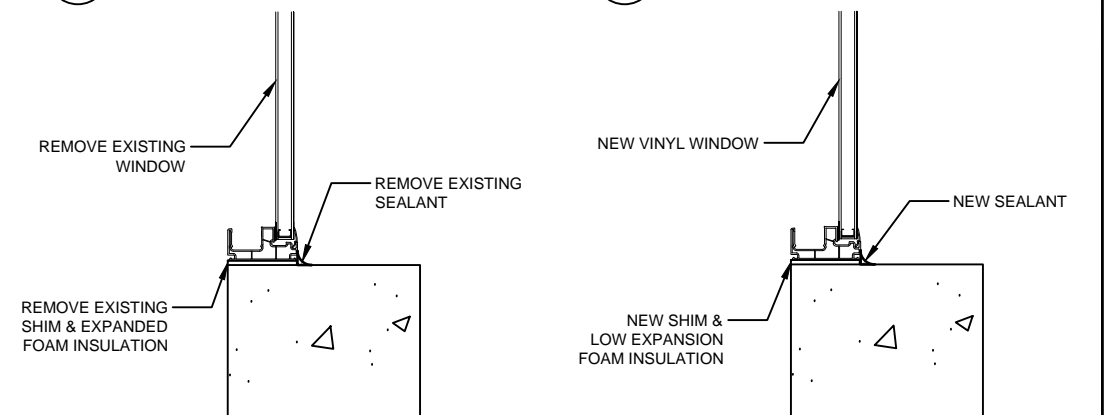
1 BASEMENT WINDOW HEAD DEMOLITION

1 BASEMENT WINDOW HEAD DETAIL



2 BASEMENT WINDOW SILL DEMOLITION

2 BASEMENT WINDOW SILL DETAIL



3 BASEMENT WINDOW JAMB DEMOLITION

3 BASEMENT WINDOW JAMB DETAIL

NOTE

- UNIT 346 ONLY REQUIRES NEW PRE-FINISHED METAL FLASHING AT THE WINDOWS AND DOORS.
- CONTRACTOR TO VERIFY WINDOW AND DOOR QUANTITIES ON-SITE.
- CONTRACTOR TO VERIFY WALL AND WINDOW SECTIONS ON-SITE.
- ALL WINDOW AND DOOR WORK TO BE IN ACCORDANCE WITH THE SPECIFICATIONS.

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NOTE:

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CLIENT **LMHC**
379 DUNDAS STREET, SUITE 207
LONDON, ONTARIO, N6B 1V5

PROJECT
**WINDOW AND DOOR REPLACEMENT
DESIGN DETAILS**
160-430 BOULLEE STREET

TITLE
Schedules & Wall Section Details

DESIGN	N/A	PROJECT NO. LON-00016400-BS LMHC #2018-0015 DRAWING NO. 1.2
DRAWN BY	A.K.	
CHECKED	N.J.O.	
DATE	JULY 2018	
SCALE	N/A	

