



Department of Planning and Zoning

149 Church Street, City Hall
Burlington, VT 05401-8415
Phone: (802) 865-7188
Fax: (802) 865-7195

www.burlingtonvt.gov/pz

RECEIVED

JUL 06 2017

Zoning Permit Application

DEPARTMENT OF
PLANNING & ZONING

Use this form for ALL zoning permit applications. See the relevant checklist for specific zoning.

PROJECT LOCATION ADDRESS: 62 Sunset Cliff Road, Burlington, VT

PROPERTY

OWNER*: 62 Sunset Cliff Realty LLC

*If condominium unit, written approval from the Association is also required

APPLICANT: Nlb Construction Consulting LLC

POSTAL ADDRESS: 68 Sunset Cliff Rd.

CITY, ST, ZIP: Burlington

DAY PHONE: 802-999-5819

EMAIL: marciahemley@comcast.net

SIGNATURE: *Marcia W. Hemley*

I am the owner. In addition, I duly authorize the applicant (if noted) to act on my behalf for all matters pertaining to this zoning permit application.

POSTAL ADDRESS: 20 West Canal St. #212

CITY, ST, ZIP: Winooski, VT 05404

DAY PHONE: 802-355-4130

EMAIL: norm-benoit@comcast.net

SIGNATURE: _____

Description of Proposed Project: Includes adding one bedroom and two bathrooms to the existing structure. 24' x 28' + 8'-9" x 24' Additions

Existing Use of Property: Single Family Multi Family: # ___ Units Other: _____

Proposed Use of Property: Single Family Multi Family: # ___ Units Other: _____

- **Does your project involve new construction, addition, alteration, renovation, or repair to a structure that is heated or cooled?** Yes No
(If yes, the Vermont Residential Building Energy Standards (VRBES) apply. Visit the P&Z Office, Public Service Board or PSB website for details)
- **Will 400 sq ft or more of land be disturbed, exposed and/or developed?** Yes No
(If yes, you will need to submit the 'Erosion Prevention and Sediment Control Plan' questionnaire, with a site plan)
- **For Single Family & Duplex, will total impervious area be 2500 sq ft or more?** Yes No
(If yes, you will need to submit the 'Stormwater Management Plan' questionnaire, with a site plan)
- **Are you proposing any work within or above the public right of way?** Yes No
(If yes, you will need to receive prior approval from the Department of Public Works)

Estimated Construction Cost (value)*: \$ 150,000.00

(*Estimated cost a typical contractor would charge for all materials and labor, regardless of who physically completes the work)

Within 30 days of submission, the permit application will be reviewed for completeness, and, if complete, will be processed administratively or referred to a board for review. All permit approvals or denials are subject to an appeal period (15 days for administrative permit; 30 days for board permit). A building (and/or electrical, mechanical, plumbing, curb cut) permit will also be required. Contact the Department of Public Works at 802-863-9094 to inquire. Please ask for assistance if you have any questions about filling out this form. Call the Planning and Zoning at 802-865-7188, or visit the office in the lower level of City Hall, 149 Church Street.

Office Use Only: Zone: RLW Eligible for Design Review? y Age of House 1969 Lot Size 22095

Type: SN ___ AW ___ FC ___ BA ___ COA 1 ___ COA 2 X COA 3 ___ CU ___ MA ___ VR ___ HO ___ SP ___ DT ___ MP ___

Check No. 1999 Amount Paid 500 Zoning Permit # 18-0005CALW



NLB CONSTRUCTION CONSULTING, LLC

20 West Canal Street #212

Winooski, VT 05404

802-355-4130

www.nlbconsultingllc.com

Property : 62 Sunset Cliff Road
Burlington, VT 05401

RE: Request for average setbacks from the shoreline of the lake.

DATE: July 24, 2017

TO: Ryan Morrison, CFM
Associate Planner
City of Burlington

FROM: Norman Benoit

I have enclosed 2 maps from VCGI to show the setbacks from the shoreline of the 4 neighboring homes (2 on either side of 62 Sunset cliff Road)

It would be very difficult to take actual measurements due to the cliffs.

SET BACK CALCULATIONS:

76 Sunset Cliff 21.95 ft.

68 Sunset Cliff 30.78

58 Sunset Cliff 33.36

52 Sunset Cliff 52.01

Total 138.10/ 4 = 34.52 ft. AVERAGE SET BACK

Our proposed addition should measure approximately 37 ft.

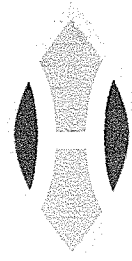
Thanks,


Norman Benoit

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JUL 24 2017

DEPARTMENT OF
PLANNING & ZONING

P.O. Box 672
Colchester, VT 05446
(802)343-2303
beth@heritagetreevermont.com



HERITAGE
TREE CARE

P.O. Box 672
Colchester, VT 05446

ESTIMATE

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JUL 06 2017

DEPARTMENT OF
PLANNING & ZONING

ESTIMATE # 1728
DATE 06/28/2017

ADDRESS

Marcia and Bob Hemley
68 Sunset Cliffs
Burlington, VT 05408

ACTIVITY

AMOUNT

Evaluation of trees to be removed at
62 Sunset Cliffs
Burlington VT.

0.00

#1 White cedar 16" DBH 43 feet height. This tree has a large 5x8 foot opening in the lower truck, diminishing its structural integrity and exposing the hart wood to possible decay and insect infestation.

#2 Basswood 18" DBH 42 feet height, This tree has codominant leads, weakly attached because of the bark inclusion between them. It is at high risk of splitting apart in strong winds.

#3 White cedar 16.6" DBH 40 feet height. This tree appears to be in a healthy condition.

#4 Hard hack 4.5" DBH 21 feet height. This tree appears to be in a healthy condition.

#5 White cedar, cluster of 3 and 2 stems, average 14" DBH 30 feet height. These trees have some decay at the base and inclusive bark where the stems originate from a shared root system. They are at elevated risk of splitting apart in strong winds.

Thank you for considering Heritage Tree Care. We guarantee your satisfaction.

TOTAL

\$0.00

Accepted By

Accepted Date

Happy with our service? Let us know on Facebook! www.facebook.com/heritagetreevermont

Chapin Spencer
PUBLIC WORKS DIRECTOR

Norman J. Baldwin, P.E.
CITY ENGINEER



P.O. Box 849
BURLINGTON, VT
05402
(802) 863-9094 P
(802) 863-0466 F

February 10, 2017

Norm Benoit
Construction Consultant
20 West Canal Street, Unit 212
Winooski, VT 05404

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MAR 01 2017

DEPARTMENT OF
PLANNING & ZONING

RECEIVED
FEB 10 2017
BY: _____

Re: Water/Sewer Capacity for Property at 62 Sunset Cliff

Dear Mr. Benoit,

This letter is to inform you, the State of Vermont Environmental District and other interested parties that the City of Burlington's water and wastewater facilities have sufficient capacity to handle demand associated with a new bedroom at the above address.

Using calculated design flows from the State Environmental Protection Rules, we have reserved 135 gpd (gals/day) for water and 0 gpd for sewer. This is based on 150 gpd water less 10% for low-flow fixtures and no change to the flat rate of 210 gpd for sewer connection to a large municipal system. Sewage from this area is treated at our North Wastewater Plant on North Avenue Extension. It is important to note that this letter only addresses treatment plant and not distribution or collection system capacities.

This letter and reserved flows are good for one (1) year from the date of writing. If this letter is not filed with the proper offices, or if the proper permits are not obtained within that year, you will need to reapply. Any changes in flow estimates or property usage also requires reapplication. Please feel free to call me at 865-7258 if you have any questions.

Sincerely,

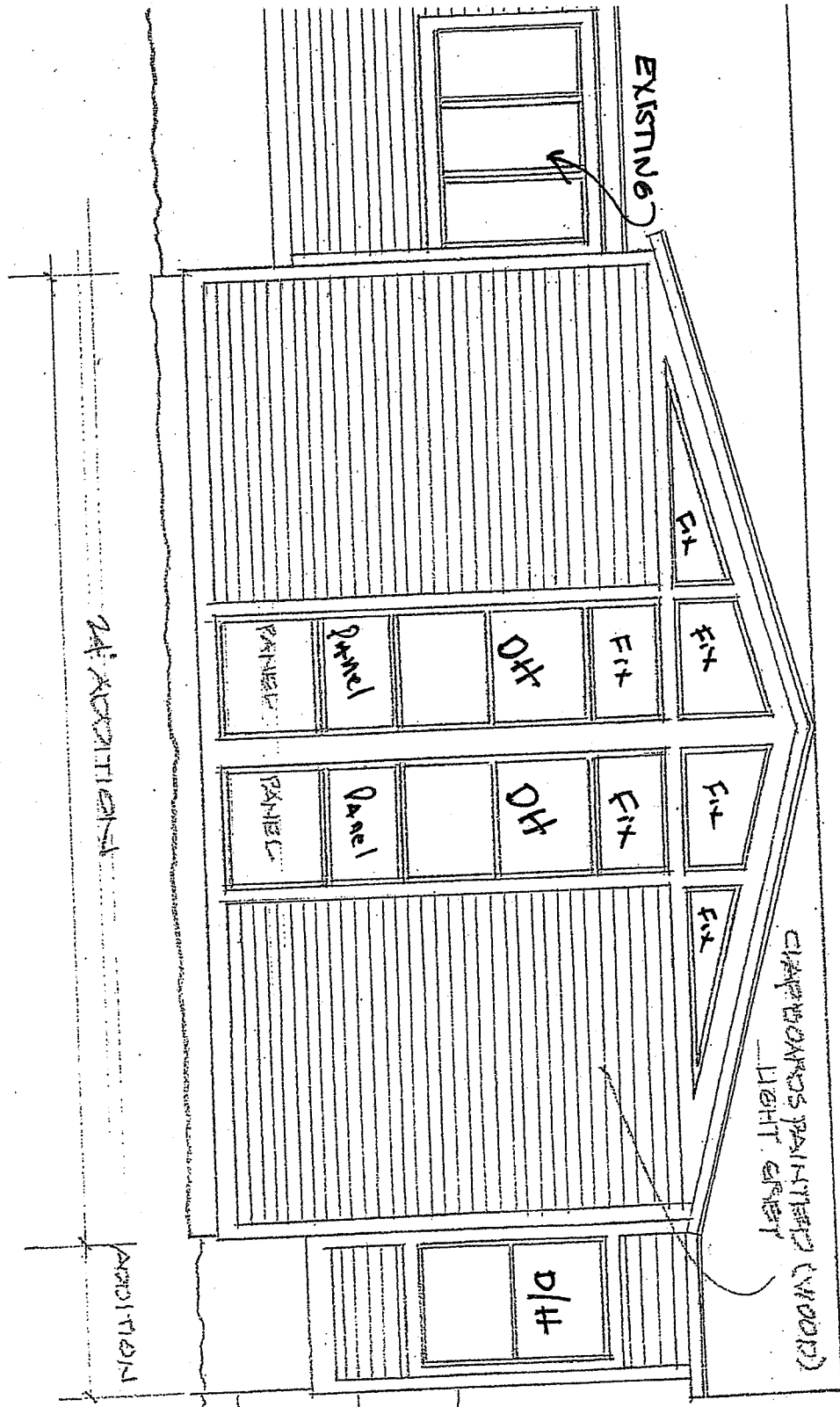
A handwritten signature in black ink, appearing to read "S. Roy".

Steve Roy, P.E.
Project Engineer
Burlington Public Works

sunset62_cap

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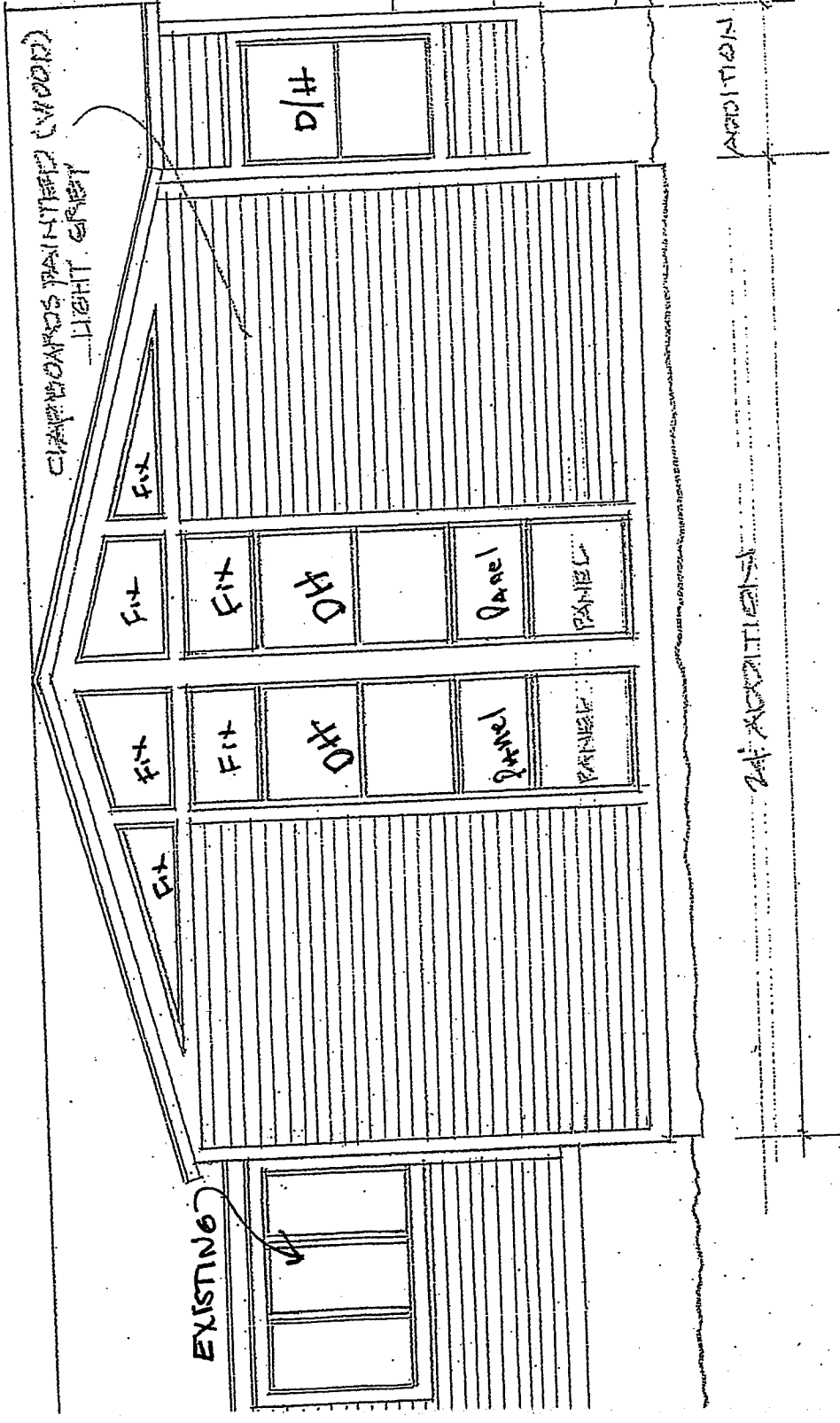
DEPARTMENT OF
PLANNING & ZONING



6/21/17
 NLB CONST. CONSULTING LLC
 20 West Canal ST #212
 Winoski, VT 05404

8/20/17

NLB CONST. CONSULTING LLC
20 West Canal ST #212
Winooski, VT 05404



1.4 System Description

A. Design and Performance Requirements:

Certified Sizes and Ratings - Standard and High Performance Units								
Product	Air Tested to psf	Water Tested to psf	Certification Rating	Design Pressure (DP)	Max Overall Width		Max Overall Height	
					in	mm	in	mm
Wood Ultrex Double Hung (Cottage 4268)	1.57	6.06	LC-PG40-H	DP40	41 1/2	(1054)	67 3/4	(1721)
Wood Ultrex Double Hung (Cottage HP 4268)	1.57	7.52	LC-PG50-H	DP50	41 1/2	(1054)	67 3/4	(1721)
Wood Ultrex Double Hung (4276)	1.57	6.06	LC-PG40-H	DP40	41 1/2	(1054)	75 3/4	(1924)
Wood Ultrex Double Hung (HP 4276)	1.57	7.52	LC-PG50-H	DP50	41 1/2	(1054)	75 3/4	(1924)
Wood Ultrex Double Hung (4284)	1.57	5.43	LC-PG35-H	DP35	41 1/2	(1054)	83 3/4	(2127)
Wood Ultrex Double Hung (HP 4284)	1.57	6.06	LC-PG40-H	DP40	41 1/2	(1054)	83 3/4	(2127)
Wood Ultrex Double Hung (5476)	1.57	6.06	LC-PG40-H	DP40	53 1/2	(1359)	75 3/4	(1924)
Wood Ultrex Double Hung (HP 5476)	1.57	7.52	LC-PG50-H	DP50	53 1/2	(1359)	75 3/4	(1924)
Wood Ultrex Double Hung (5484)	1.57	5.43	LC-PG35-H	DP35	53 1/2	(1359)	83 3/4	(2127)
Wood Ultrex Double Hung (HP 5484)	1.57	6.06	LC-PG40-H	DP40	53 1/2	(1359)	83 3/4	(2127)
Wood Ultrex Double Hung Picture (5484)	1.57	5.43	LC-PG35-FW	DP35	53 1/2	(1359)	83 3/4	(2127)
Wood Ultrex Double Hung Picture (HP 5484)	1.57	6.06	LC-PG40-FW	DP40	53 1/2	(1359)	83 3/4	(2127)
Wood Ultrex Double Hung Picture (6276)	1.57	6.06	LC-PG40-FW	DP40	61 1/2	(1562)	75 3/4	(1924)
Wood Ultrex Double Hung Picture (HP 6276)	1.57	7.52	LC-PG50-FW	DP50	61 1/2	(1562)	75 3/4	(1924)

Certified Sizes and Ratings - Impact Units								
Product	Air Tested to psf	Water Tested to psf	Certification Rating	Design Pressure (DP)	Max Overall Width		Max Overall Height	
					In	mm	In	mm
Wood Ultrex Double Hung (Cottage 4268)	1.57	8.25	LC-PG55-H	+55 / -65	41 1/2	(1054)	67 3/4	(1721)
Wood Ultrex Double Hung (4276)	1.57	8.25	LC-PG55-H	+55 / -65	41 1/2	(1054)	75 3/4	(1924)
Wood Ultrex Double Hung Picture (5476)	1.57	8.25	LC-PG55-FW	+55 / -65	53 1/2	(1359)	75 3/4	(1924)
Wood Ultrex Double Hung Picture (6264)	1.57	8.25	LC-PG55-FW	+55 / -65	61 1/2	(1562)	63 3/4	(1619)

1. Missile Impact at Missile Level D complies with ASTM E1886-05, ASTM E 1886-02, ASTM E1996-02, and ASTM E1996-05.
2. Impact Pressure Cycling at +55/-65 psf, complies with ASTM E1886-02, ASTM E1886-05, ASTM E1886-06, ASTM E1996-02, ASTM E1996-05.
3. Forced Entry Resistance, complies with ASTM F588.

1.5 Submittals

- A. Shop Drawings: Submit shop drawings under provision of Section 01 33 23.
- B. Product Data: Submit catalog data under provision of Section 01 33 23.
- C. Samples:
 1. Submit corner section under provision of section 01 33 23.
 2. Specified performance and design requirements under provisions of Section 01 33 23.
- D. Quality Control Submittals: Certificates: submit manufacturer's certification indicating compliance with specified performance and design requirement under provision of section 01 33 23.

Section 08 54 00
Wood-Ultrex® Double Hung Window

Part 1 General

1.1 Section Includes

- A. Wood-Ultrex® Double Hung window complete with hardware, glazing, weather strip, insect screen, removable grilles, grilles-between-the-glass, jamb extension, and standard or specified anchors, trim and attachments
- B. Wood-Ultrex® Double Hung bow, bay windows complete with hardware, glazing, weather strip, insect screen, removable grilles, grilles-between-the-glass, simulated divided lite, jamb extension, head/seat board, and standard or specified anchors, trim and attachments.

1.2 Related Sections

- A. Section 01 33 23 – Submittal Procedures: Shop Drawings, Product Data, and Samples
- B. Section 01 62 00 – Product Options
- C. Section 01 65 00 – Product Delivery
- D. Section 01 66 00 – Storage and Handling requirements
- E. Section 01 71 00 – Examination and Preparation
- F. Section 01 73 00 - Execution
- G. Section 01 74 00 – Cleaning and Waste Management
- H. Section 01 76 0 – Protecting Installed Construction
- I. Section 06 22 00 – Millwork: Wood trim other than furnished by window manufacturer
- J. Section 07 92 00 – Joint Sealants: Sill sealant and perimeter caulking
- K. Section 09 90 00 – Paint and Coatings: Paint or stain other than factory-applied finish

1.3 References

- A. American Society for Testing and Materials (ASTM):
 - 1. E283: Standard Test Method for Rate of Air Leakage through Exterior Windows, Curtain Walls, and Doors.
 - 2. E330: Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.
 - 3. E547: Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Cyclic Static Air Pressure Differential.
 - 4. E2190: Standard Specification for Insulating Glass Unit Performance and Evaluation.

1.6 Quality Assurance

- A. Requirements: consult local code for IBC [International Building Code] and IRC [International Residential Code] adoption year and pertinent revisions for information on:
 - 1. Egress, emergency escape and rescue requirements
 - 2. Basement window requirements
 - 3. Windows fall prevention and/or window opening control device requirements.

1.7 Delivery

- A. Comply with provisions of Section 01 65 00
- B. Deliver in original packaging and protect from weather

1.8 Storage and Handling

- A. Prime and seal wood surfaces, including to be concealed by wall construction, if more than thirty (30) days will expire between delivery and installation.
- B. Store window units in an upright position in a clean and dry storage area above ground to protect from weather under provision of Section 01660.

1.9 Warranty

The following limited warranty is subject to conditions and exclusions. There are certain conditions or applications over which Integrity has no control. Defect or problems as a result of such conditions or applications are not the responsibility of Integrity. For a more complete description of the Integrity limited warranty, refer to the Complete and current warranty information is available at Integritywindows.com/warranty.

- A. Clear insulating glass with stainless steel spacers is warranted against seal failure caused by manufacturing defects and resulting in visible obstruction through the glass for twenty (20) years from the original date of purchase. Glass is warranted against stress cracks caused by manufacturing defects from ten (10) years from the original date of purchase.
- B. Hardware another non-glass components are warranted to be free from manufacturing defects for ten (10) years from the original date of purchase.

Part 2 Products

2.1 Manufactured Units

- A. Description: Ultrex® Double Hung and related stationary or picture units as manufactured by Integrity Windows and Doors, Fargo, North Dakota.
- B. Description: Ultrex® Double Hung Bay, Bow unit as manufactured by Integrity Windows and Doors, Fargo North Dakota.

2.2 Frame Description

- A. Interior: Clear pine interior surfaces.
 - 1. Kiln-dried to moisture no greater than twelve (12) percent at the time of fabrication.
 - 2. Water repellant preservative treated in accordance with WDMA I.S.4.
- B. Exterior: Pultruded reinforced fiberglass (Ultrex®), 0.075" (2mm) thick.
- C. Frame Width: 4 9/16" (116mm).

2.3 Sash Description

- A. Clear pine interior surfaces
 - 1. Kiln-dried to moisture content no greater than twelve (12) percent at the time of fabrication.
 - 2. Water repellant preservative treated in accordance with WDMA I.S.4.
- B. Exterior: Pultruded reinforced fiberglass (Ultrex®), 0.075" (2mm) thick.
- C. Sash Options:
 - 1. Equal or Unequal Sash.
 - 2. Cottage Style: Sash divided 2/5 over 3/5.
 - 3. Reverse Cottage Style: Sash divided 3/5 over 2/5.
- D. Composite sash thickness: 1 9/16" (40mm).
- E. Operating sash tilt to interior for cleaning or removal.

2.4 Glazing

- A. Select quality complying with ASTM C1036. Insulating glass SIGMA/ICC certified to performance level CBA when tested in accordance with ASMT E2190. STC/OITC ratings are certified to the level in accordance with ASMT E90-09.
- B. Glazing method: Insulating glass
- C. Glass type: Low E1, E2, E3 air or Argon gas
- D. Glass type option: Obscure Glass or California Fire Glass (Annealed exterior and tempered interior glazing configuration)
- E. Glazing seal: Silicone bedding at exterior and interior
- F. Glazing Option: STC/OITC upgrade
- G. Optional Impact glazing for winds zone 3. Glass is laminated Low E2 or Low E3 with Argon consisting of annealed or tempered glass to the exterior and laminated glass to the interior. The interior and exterior glazing compound is silicone, in a sandwich style glazing system.

2.5 Certified Mulling for Standard Units

- A. Directional mull limits: 5 units wide by 1 unit high; Rough Opening not to exceed 113 1/2 x 68 1/4 inches (2882mm x 1733mm)
- B. Directional mull limits: 1 unit wide by 5 units high; Rough Opening not to exceed 62 1/2 x 92 inches (1587mm x 2336mm)

2.6 Certified Mulling for Impact Units

- A. Directional mull limits 1H or 1W only. Maximum span for vertical mull is 75 3/4" (1924mm)
- B. Directional mull limits 2H or 2W only. Maximum span for horizontal mull is 62" (1575mm)

2.7 Finish

- A. Exterior: Pultruded Fiberglass. Factory baked on acrylic urethane. Meets AAMA 624-10 requirements.
 - 1. Color: Stone White, Pebble Gray, Bronze, Evergreen, Cashmere, Ebony
- B. Interior:
 - 1. Treated bare wood
 - 2. White interior factory finish

2.8 Hardware

- A. Balance System: Coil spring block and tackle with nylon cord and glass filled nylon shoe and zinc locking clutch.
- B. Lock: High pressure zinc die-cast cam lock and keeper. Finish: Phosphate coated and electrostatically painted.
 - 1. Standard Color: Almond Frost, White.
 - 2. Optional Color: Bright Brass, Satin Nickel, and Oil Rubbed Bronze.
- C. Tilt latches: Spring loaded latches for release of sash located at check rail.
 - 1. Standard Color: Almond Frost, White.
 - 2. Optional Color: Bright Brass, Satin Nickel, and Oil Rubbed Bronze.
- D. Factory-Installed Window Opening Control Device for operating units per ASTM F2090-10: a system consisting of an acetal lever housed in an acetal shell on each stile of the top sash.
 - 1. Available on all sizes.
 - 2. Color: White, Beige.

2.9 Weather Strip

- A. At Bottom Sash: Rigid color matched vinyl with a hollow vinyl weather strip; interfaces against the Ultrex sill and jamb weather strip
 - 1. Color: Black.
- B. Jamb Weather Strip: Robust skin covered foam weather strip is used to seal the double hung jamb. It is inserted into to a rigid vinyl jamb carrier.
 - 1. Color: Beige.
- C. Blind Stop: vinyl with a flexible leaf seal to seal between the header and the upper sash.
- D. Foam PVC gasket between the jamb and sill.
- E. At Interlock: Rigid ABS with flexible hollow bulb.
 - 1. Color: Beige.
- F. Reduced visible beige at the exterior bottom rail.

2.10 Jamb Extension

- A. Furnish jamb extension 6 9/16" (167mm) factory-installed or 6 13/16" (160mm) shipped loose.
- B. Finish: Match interior finish.

2.11 Insect Screen

- A. Factory-installed full screen.
 - 1. Screen mesh: 18 by 16 charcoal fiberglass (non-corrosive)
- B. Factory-installed half screen.
 - 1. Screen mesh: 18 by 16 charcoal fiberglass (non-corrosive)
- C. Rolled form aluminum frame.
 - 1. Finish: White, Pebble Gray, Bronze, Evergreen, Cashmere or Ebony

2.12 Removable Grilles

- A. 3/4" x 15/32" (19mm x 12mm) pine
 - 1. Pattern: Rectangular
 - 2. Finish: to match interior finish

2.13 Simulated Divided Lites (SDL)

- A. 7/8" (22mm) wide with optional internal spacer bar.
- B. 2 11/32" (60mm) – Simulated check rail with optional internal spacer bar – PICTURE UNIT ONLY.
- C. Exterior muntins: Extruded Ultrex, finish to match exterior sash color.
- D. Interior muntins: Pine bare wood with optional white interior finish.
- E. Lite Cuts or Patterns:
 - 1. Rectangular
 - 2. Prairie

2.14 Grilles-Between-the-Glass (GBG)

- A. 23/32" (18mm) contoured aluminum bar.
- B. Color: Stone white interior, exterior color determined by exterior sash color.
 - 1. Interior: Stone white, bronze.
 - 2. Exterior: Matches exterior sash color.
- C. Lite Cuts or Patterns:
 - 3. Rectangular
 - 4. Prairie Lite

2.15 Accessories and Trim

- A. Exterior Casing:
 - 1. Non-integral to the unit. Fastened to the exterior wall with barb and kerf.
 - 2. 2" (51mm) Brick Mould available as a full surround or with Sill Nosing.
 - 3. 3 ½" (89mm) Flat casing available as a full surround or with Sill Nosing. Also available with 1" (25mm) Ranch style sill and header overhang.
 - 4. Color: Stone White, Pebble Gray, Bronze, Evergreen, Cashmere, Ebony.
- B. Installation Accessories:
 - 1. Factory-installed vinyl nailing fin/drip cap at head, sill and side jambs.
 - 2. Installation brackets: Brackets for 4 9/16" (166mm), 6 9/16" (167mm) jambs.
 - 3. Mullion kit: Standard mullion kit for field assembly of related units available in horizontal, vertical, round top over double hung and 2-wide and/or 2-high configurations. Kits include: Instructions, aluminum pins, filler blocks, wood mullion tie, sealant foam tape, interior mullion trim, mull tee, related screws and nailing fin connectors.
 - 4. Structural mullion kit: Structural mullion kit for field assembly or related units available in horizontal, vertical, round top over double hung and 2-wide and/or 2-high configurations. Kit includes: Instructions, reinforcement member, aluminum pins, filler blocks, wood mullion tie, sealant foam tape, interior mullion trim, mull tee, related screws, nailing fin connectors and structural brackets
 - 5. Installation clips standard with nailing fin on impact glazed windows.

Part 3 Execution

3.1 Examination

- A. Verification of Condition: Before installation, verify openings are plumb, square and of proper dimensions as required in Section 01 71 00. Report frame defects or unsuitable conditions to the General contractor before proceeding.
- B. Acceptance of Condition: Beginning on installation confirms acceptance of existing conditions.

3.2 Installation

- A. Comply with Section 01 73 00.
- B. Assemble and install window/door unit(s) according to manufacturer's instruction and reviewed shop drawing.
- C. Install sealant and related backing materials at perimeter of unit or assembly in accordance with Section 07 92 00 Joint Sealants. Do not use expansive foam sealant.
- D. Install accessory items as required.
- E. Use finish nails to apply wood trim and mouldings.

3.3 Cleaning

- A. Remove visible labels and adhesive residue according to manufacturer's instruction.
- B. Leave windows and glass in a clean condition. Final cleaning as required in Section 01 74 00.

3.4 Protecting Installed Construction

- A. Comply with Section 07 76 00.
- B. Protecting windows from damage by chemicals, solvents, paint or other construction operations that may cause damage.

End of Section