

Harold Robair BCB Homes 3696 Enterprise Avenue Naples, FL 34104 8/13/19

Mrs. Sullivan 602 Admiralty Parade West Naples, FL 34104

Dear Mrs. Sullivan:

BCB Homes, at your request, has performed a window and door inspection at your home in Naples. The goal was to determine if the condition that we found at bedroom No. 6 (guest house), on 7/18/19, which was wood rot in the window frame, was an isolated issue or systemic.

You had asked to look at the windows on the South elevation only; in our in office discussion it was determined that we would look at a larger sample of the doors and windows, at no additional cost to you.

Our technicians had performed both visual and intrusive inspections on the windows and doors. The operable units were opened and inspected. At the fixed windows we used a probe to get into the space or gap between the windows sash and frame. This allowed us to "feel" the wood and see if it was solid or soft.

We found that approximately 40% of the individual, fixed, units we looked at had wood rot at the bottom of the frames. We looked at approximately 30 openings which consisted of 44 individual fixed windows. 19 units, had some signs of wood rot. Each opening has between 1 and 6 individual windows in it. There are approximately 76 fixed individual window units in the 49 openings, not counting transoms over the doors.

There were no issues at the operable windows or doors that we looked at.

We would of course recommend that an inspection and evaluation be done on all units to get a complete inventory of the units that need to be addressed.

Please see the attached photos of some of the findings.

The photos are of the doors and windows that we inspected. What you will see is a picture of the unit, taken from the distance, to identify the location and a close up of some of the rotted wood that was pulled out from the frame, using the probe.

There is a caption under each photo that describes the unit/opening designation and the room or area where it is located and a brief description of the findings.

For example, the first photo is of opening "C" at the two car garage. The close up photo, shows the wood that was pulled out from the frame. The photo to the right, is a long shot that shows the location of the opening.

We are currently working with the window manufacture, Loewen Inc., to get an understanding of the current warranty and repair protocol. Once we have determined what the options are we will review them with you and our team.

Please feel free to call me with any questions.

Thank You

Harold J. Robair

Director of Building Science BCB Homes 3696 Enterprise Avenue Suite 100 Naples, Florida 34104 T 239-643-1004 C 239-293-0344 hrobair@bcbhomes.com



<u>Sullivan</u> Loewen Window Inspection



Taken Date 2019/07/29 07:13:42

Upload Date 2019/07/29 07:15:01 Uploaded By Edgar Robles Garcia

File Name 1196A4AF-D786-4900-9227-6AF...



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Description Window "C" fixed (two car garage), close up photo.

Taken Date 2019/07/29 14:19:47 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 14:19:56

File Name IMG_2019_07_29_14_19_47_351.j...



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Description
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Window "C" fixed (2 Car Garage), right sash Bottom frame is rotted, see close up photo.

Taken Date 2019/07/29 14:16:39 **Uploaded By Daniel Barrios**

Upload Date 2019/07/29 14:16:46 File Name IMG_2019_07_29_14_16_39_933.j...



Description Window "VVV" fixed (BNK Rm), close up photo.

Taken Date 2019/07/29 14:01:40

Uploaded By Daniel Barrios

Upload Date 2019/07/29 14:04:15 **File Name**

IMG_2019_07_29_14_01_40_933.j...



Description Window "VVV" fixed (BNK Rm), Bottom frame is rotted, see close up photo.

Taken Date 2019/07/29 14:00:34

Upload Date 2019/07/29 14:01:40 **Uploaded By Daniel Barrios**

File Name IMG_2019_07_29_14_00_34_181.j...



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Taken Date

Upload Date

2019/07/29 13:56:29

2019/07/29 13:56:38



Description Window "UUU" fixed (BNK Rm), no issues found.

M	DE	

Description

Window "TTT" caseman (BNK Rm), missing exterior caulk bead at bottom frame to precast. No rotted issues found.

Taken Date 2019/07/29 13:54:55 Upload Date 2019/07/29 13:55:13 Uploaded By Daniel Barrios

File Name IMG_2019_07_29_13_54_55_175.j...



Uploaded By

Daniel Barrios

IMG_2019_07_29_13_56_29_563.j...

File Name

Description
Window "SSS" fixed (Guest Bath), close up photo.

Taken Date 2019/07/29 13:39:58 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 13:41:40 Daniel Barrios File Name

IMG_2019_07_29_13_39_58_339.j...



Description

Window "SSS" fixed (Guest Bath), Bottom frame is rotted, see close up photo.

Taken Date 2019/07/29 13:39:23

Upload Date 2019/07/29 13:39:43 Uploaded By Daniel Barrios

File Name IMG_2019_07_29_13_39_23_878.j... BCBHO

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Job #: 39231 39231 Sullivan 2019 Loewen Windows 620 Admiralty Parade West Naples, Florida 34102



Description Window "RRR" fixed (Guest Living), close up photo.

Uploaded By Taken Date 2019/07/29 13:33:50 Daniel Barrios **Upload Date File Name** 2019/07/29 13:34:11 IMG_2019_07_29_13_33_50_355.j...



Description

Window "RRR" fixed (Guest Living), right sash bottom frame is rotted, see close up photo.

Taken Date 2019/07/29 13:33:10 **Uploaded By**

Upload Date 2019/07/29 13:33:47 **Daniel Barrios** File Name

IMG_2019_07_29_13_33_10_469.j...



Description Window "WWW" fixed (Pool Bath), close up photo.

Taken Date 2019/07/29 13:15:55

Uploaded By Daniel Barrios

Upload Date 2019/07/29 13:18:06 **File Name**

IMG_2019_07_29_13_15_55_712.j...

7/29/19 1:15:14 PM EDT

Description

Taken Date 2019/07/29 13:15:13

Upload Date 2019/07/29 13:17:22 **Uploaded By Daniel Barrios**

File Name IMG_2019_07_29_13_15_13_946.j...

620 Admiralty Parade West

Naples, Florida 34102

Job #: 39231 39231 Sullivan 2019 Loewen Windows

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Description Window "WWW" fixed (Pool Bath), close up photo.

Taken Date 2019/07/29 13:14:39 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 13:16:31

File Name IMG_2019_07_29_13_14_39_193.j...



Description Door "26" (Pool Bath), no issues found.

Taken Date 2019/07/29 13:09:14 **Uploaded By**

Upload Date 2019/07/29 13:09:41 **Daniel Barrios**

File Name IMG_2019_07_29_13_09_14_895.j...



Description Window "NNN" fixed (Bedroom#6), close up photo.

Taken Date 2019/07/29 13:07:30

2019/07/29 13:07:44

Upload Date

Uploaded By Daniel Barrios

File Name IMG_2019_07_29_13_07_30_025.j...



Description

Window "NNN" fixed (Bedroom #6), Bottom frame is rotted, see close up photo.

Taken Date 2019/07/29 13:06:06

Upload Date 2019/07/29 13:06:23 **Uploaded By Daniel Barrios**

File Name IMG_2019_07_29_13_06_06_667.j...



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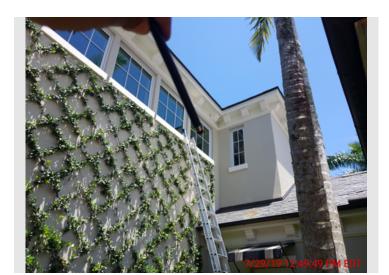


Description Window "MMM" fixed (Bathroom#5), no issues found.

Taken Date 2019/07/29 12:52:16 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 12:53:41

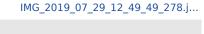
File Name IMG_2019_07_29_12_52_16_636.j...



Description Window "YYY" fixed (East stairway), no issues found.

Taken Date 2019/07/29 12:49:49 **Uploaded By**

Upload Date 2019/07/29 12:50:27 **Daniel Barrios** File Name





Description

Window "LLL" fixed (East Stairway), Bottom frame starting to show rot. See close up photo.

Taken Date 2019/07/29 12:22:02

Uploaded By Edgar Robles Garcia

Upload Date 2019/07/29 12:23:15 **File Name**

IMG_2019_07_29_12_22_02_141.j...



Description

Window "LL"L fixed (East Stairway), close up photo.

Taken Date 2019/07/29 12:21:25

Upload Date 2019/07/29 12:41:52 **Uploaded By Daniel Barrios**

File Name 20190729_122125.jpg

Printed on Mon Aug 5, 2019 at 12:51 pm EDT

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Description Window "KKK" fixed (East Stairway), No issues found.

Taken Date 2019/07/29 12:20:10 Uploaded By Edgar Robles Garcia

Upload Date 2019/07/29 12:21:29 File Name IMG_2019_07_29_12_20_10_013.j...



Description

Window "HHH" fixed (East Stairway), Bottom frame starting to show rot. See close up photo.

Taken Date 2019/07/29 12:13:25 Uploaded By Edgar Robles Garcia

Upload Date 2019/07/29 12:13:48 File Name IMG_2019_07_29_12_13_25_736.j...



Description Window "HHH" fixed (East Stairway), Close up photo.

Taken Date 2019/07/29 12:14:16 Uploaded By Edgar Robles Garcia

Upload Date 2019/07/29 12:14:19 File Name IMG_2019_07_29_12_14_16_621.j...



Description Window "FFF" fixed (Bathroom #3), No issues found.

Taken Date 2019/07/29 12:08:44

Upload Date 2019/07/29 12:08:56 Uploaded By Edgar Robles Garcia

File Name IMG_2019_07_29_12_08_44_104.j... BCB HOMES

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Description Window "EEE" fixed panel (Bedroom#3), close up photo

Taken Date 2019/07/29 11:50:36 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 11:50:44 File Name IMG_2019_07_29_11_50_36_431.j...



Description

Window "EEE" casement/fixed (Bedroom #3), Fixed panel bottom frame is rotted and glass is delaminated. See close up photos.

Taken Date 2019/07/29 11:47:54

2019/07/29 11:48:02

Upload Date

Uploaded By Edgar Robles Garcia File Name

IMG_2019_07_29_11_47_54_125.j...



Description Window "EEE" casement/fixed (Bedroom #3), Close up photo 1 of 2.

Taken Date 2019/07/29 11:48:28 **Uploaded By** Edgar Robles Garcia

Upload Date 2019/07/29 11:48:45 File Name

IMG_2019_07_29_11_48_28_518.j...



Description
Door #61 (Master Suite), No issues found.

Taken Date 2019/07/29 11:41:02

Upload Date 2019/07/29 11:41:09 Uploaded By Edgar Robles Garcia

File Name IMG_2019_07_29_11_41_02_870.j...



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Description Door #60 (Master Suite), No issues found.

Taken Date 2019/07/29 11:40:47

Uploaded By Edgar Robles Garcia

Upload Date 2019/07/29 11:40:53 **File Name** IMG_2019_07_29_11_40_47_229.j...



Description Door #59 (Master Suite), No issues found.

Taken Date 2019/07/29 11:36:24 **Uploaded By** Edgar Robles Garcia

Upload Date 2019/07/29 11:36:31 File Name





Description Door #56 (2nd Floor Sitting), No issues found.

Taken Date 2019/07/29 11:36:03 **Uploaded By**

Upload Date 2019/07/29 11:36:12 Edgar Robles Garcia

File Name IMG_2019_07_29_11_36_03_591.j...



Description Window "VV" fixed (2nd Floor Sitting), No issues found.

Taken Date 2019/07/29 11:25:25

Upload Date 2019/07/29 11:25:33 **Uploaded By Daniel Barrios**

File Name IMG_2019_07_29_11_25_25_661.j...



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Description

GENERAL NOTE; Windows "HH thru TT" fixed (Open to Study), Close up photo 2 of 2.

Taken Date 2019/07/29 11:11:33 **Uploaded By** Edgar Robles Garcia

 Upload Date
 File N

 2019/07/29 11:11:41
 IMG_2

File Name IMG_2019_07_29_11_11_33_201.j...



Description

GENERAL NOTE; Windows "HH thru TT" fixed (Open to Study), Sill waterproofing exposed to weather and deterioration, needs to be repaired a...

Taken Date 2019/07/29 11:09:50 Uploaded By Daniel Barrios

Upload Date 2019/07/29 11:09:55 File Name IMG_2019_07_29_11_09_50_042.j...



Description

GENERAL NOTE; Windows "HH thru TT" fixed (Open to Study), Close up photo 1 of 2.

Taken Date 2019/07/29 11:11:15 Uploaded By Edgar Robles Garcia

Upload Date 2019/07/29 11:11:36 File Name



Description Window "TT" fixed (Open to study), Close up photo.

Taken Date 2019/07/29 11:09:04

Upload Date 2019/07/29 11:09:19 Uploaded By Edgar Robles Garcia

File Name IMG_2019_07_29_11_09_04_912.j...



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Description

Window "TT" fixed (Open to Study), Bottom frame is rotted, see close up photo.

Taken Date 2019/07/29 11:08:08 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 11:08:13 File Name IMG_2019_07_29_11_08_08_468.j...



Description

Window "SS" fixed (Open to Study), Bottom frame is rotted, see close up photo.

Taken Date 2019/07/29 11:07:18 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 11:07:29 File Name IMG_2019_07_29_11_07_18_888.j...



Description Window "SS" fixed (Open to study), Close up photo.

Taken Date 2019/07/29 11:07:49 Uploaded By Edgar Robles Garcia

Upload Date 2019/07/29 11:08:02 File Name IMG_2019_07_29_11_07_49_300.j...



Description
Window "RR" fixed (Open to study), Close up photo.

Taken Date 2019/07/29 11:06:52

Upload Date 2019/07/29 11:07:05 Uploaded By Edgar Robles Garcia

File Name IMG_2019_07_29_11_06_52_556.j...



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Description

Window "RR" fixed (Open to Study), Bottom frame is rotted, see close up photo.

Taken Date 2019/07/29 11:06:24 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 11:06:32 File Name IMG_2019_07_29_11_06_24_250.j...



Description

Window "PP" fixed (Open to Study), Bottom frame is rotted, see close up photo.

Taken Date 2019/07/29 11:05:12 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 11:05:27 File Name IMG_2019_07_29_11_05_12_702.j...



Description Window "PP" fixed (Open to Study), Close up photo.

Taken Date 2019/07/29 11:06:00 Uploaded By Edgar Robles Garcia

Upload Date 2019/07/29 11:06:14 File Name



Description
Window "LL" fixed (Open to Study), Close up photo.

Taken Date 2019/07/29 10:47:01

Upload Date 2019/07/29 10:47:26 Uploaded By Edgar Robles Garcia

File Name IMG_2019_07_29_10_47_01_245.j...



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Description

Upload Date

Window "LL" fixed (Open to Study), Bottom frame is rotted, see close up photo.

Uploaded By

Taken Date 2019/07/29 10:45:40

2019/07/29 10:46:17

Daniel Barrios **File Name** IMG_2019_07_29_10_45_39_990.j...



Description

Taken Date
2019/07/29 10:42:55
Upload Date

Uploaded By Daniel Barrios

File Name IMG_2019_07_29_10_42_55_074.j...



Description

Taken Date 2019/07/29 10:41:59 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 10:43:46 File Name IMG_2019_07_29_10_41_59_287.j...



Description Door #13 (Lndry/Chng's Rm), no issues found.

Taken Date 2019/07/29 10:29:29

Upload Date 2019/07/29 10:29:43 Uploaded By Daniel Barrios

File Name IMG_2019_07_29_10_29_29_524.j...

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Naples, Florida 34102

Job #: 39231 39231 Sullivan 2019 Loewen Windows



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Description Window "U" fixed (Kitchen), Close up photo.

Taken Date 2019/07/29 10:22:14 **Uploaded By** Edgar Robles Garcia

Upload Date 2019/07/29 10:22:24 **File Name** IMG_2019_07_29_10_22_14_562.j...



Description Door #14 (Dining), No issues found.

Taken Date 2019/07/29 10:14:39

Uploaded By Edgar Robles Garcia

Upload Date 2019/07/29 10:15:12

File Name $\mathsf{IMG}_2019_07_29_10_14_39_310.j...$



Description

Window "U" fixed (Kitchen), bottom frame starting to show rot, See close up photo.

Taken Date 2019/07/29 10:19:18 **Uploaded By** Edgar Robles Garcia

Upload Date 2019/07/29 10:19:13 **File Name** IMG_2019_07_29_10_19_18_629.j...



Description Door #9 (Dining), No issues found.

Taken Date 2019/07/29 09:25:42

Upload Date 2019/07/29 09:26:49 **Uploaded By** Edgar Robles Garcia

File Name IMG_2019_07_29_09_25_42_042.j...

Printed on Mon Aug 5, 2019 at 12:51 pm EDT

Job #: 39231 39231 Sullivan 2019 Loewen Windows 620 Admiralty Parade West Naples, Florida 34102



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Description

Taken Date

Upload Date

2019/07/29 09:18:15

Description Window "P" fixed (1st Floor Sitting), No issues found.

Taken Date 2019/07/29 09:18:04 Uploaded By Edgar Robles Garcia

Upload Date 2019/07/29 09:20:20 File Name

IMG_2019_07_29_09_18_04_076.j...



Uploaded By

File Name

Edgar Robles Garcia

1564406129240.852783_templm...

Description
Door #7 (1st Floor Sitting), no issues found.

Taken Date 2019/07/29 08:49:59 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 08:52:14 File Name 6970A996-8360-4B9C-ACA3-C1A...



Description Window "V" fixed (Great Room Transom) close up photo.

Taken Date 2019/07/29 08:38:04

Upload Date 2019/07/29 08:38:31 Uploaded By Daniel Barrios

File Name 1B6E1C95-9FE1-4612-AE09-3274...

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Job #: 39231 39231 Sullivan 2019 Loewen Windows

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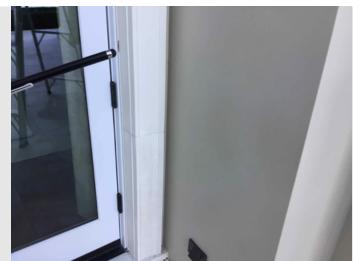
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Description

Window "V" fixed (Great Room Transom) missing exterior beauty caulk bead around window, see close up photo.

Taken Date 2019/07/29 08:33:39 **Uploaded By** Daniel Barrios

Upload Date 2019/07/29 08:37:22 File Name 9C70CBC3-824C-4891-8180-207...



Description Door #5 (Study), close up photo.

Taken Date 2019/07/29 07:58:00 Uploaded By Daniel Barrios

Upload Date 2019/07/29 07:58:05 File Name 4C8880E3-07E2-422B-888E-61B1...



Description Sliding Glass Door #6 (Great Room), no issues found.

Taken Date 2019/07/29 08:29:14 Uploaded By Daniel Barrios

Upload Date 2019/07/29 08:30:10 File Name 21261605-ADC1-42B1-BC95-291...



Description

Door #5 (Study), right side beauty caulk bead missing on a small section, see close up photo.

Taken Date 2019/07/29 07:53:22

Upload Date 2019/07/29 07:53:31 Uploaded By Daniel Barrios

File Name 9B6D6B14-5D46-45B8-9151-2AC...