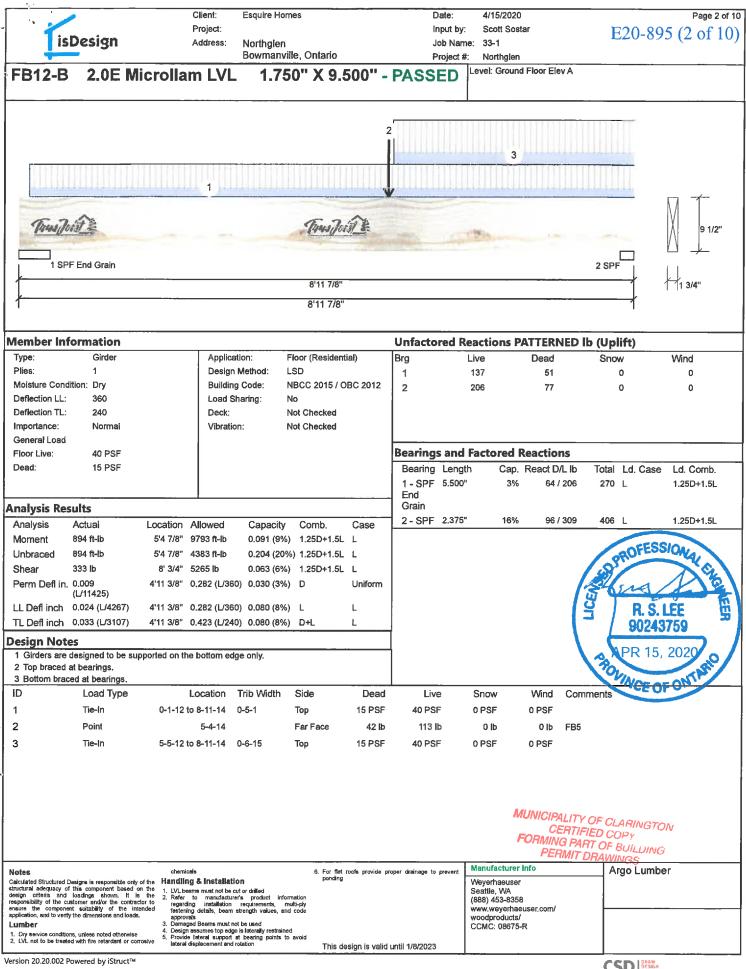
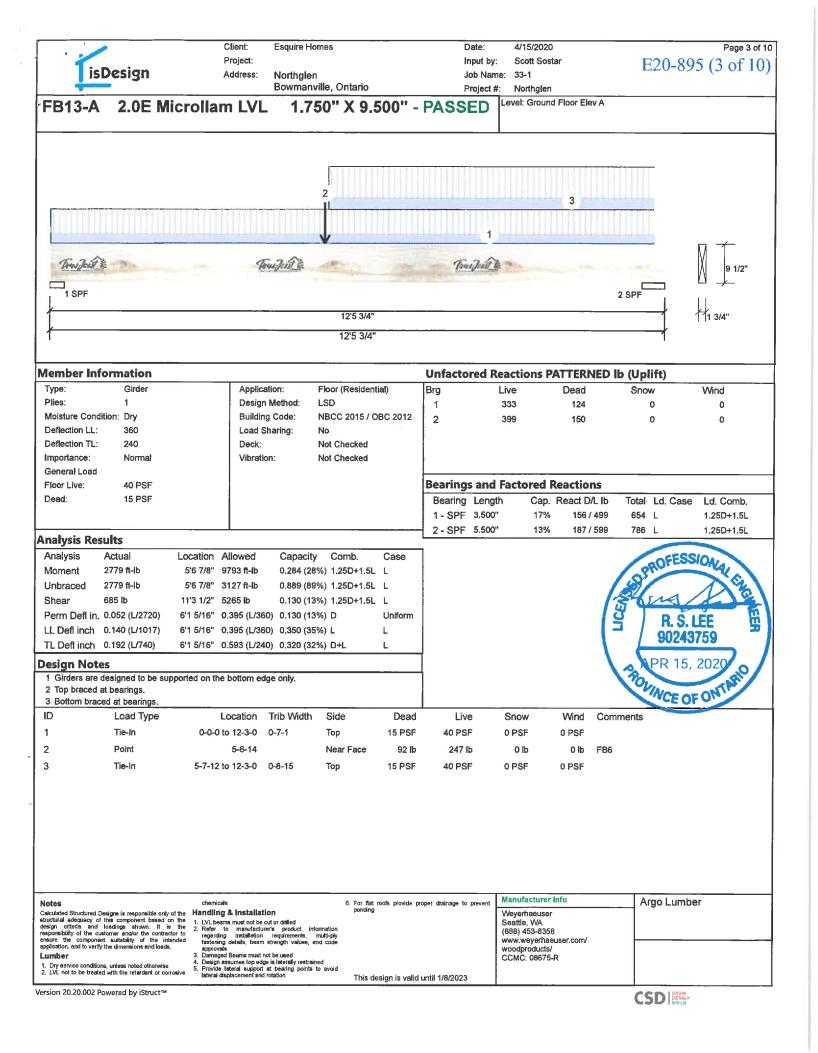
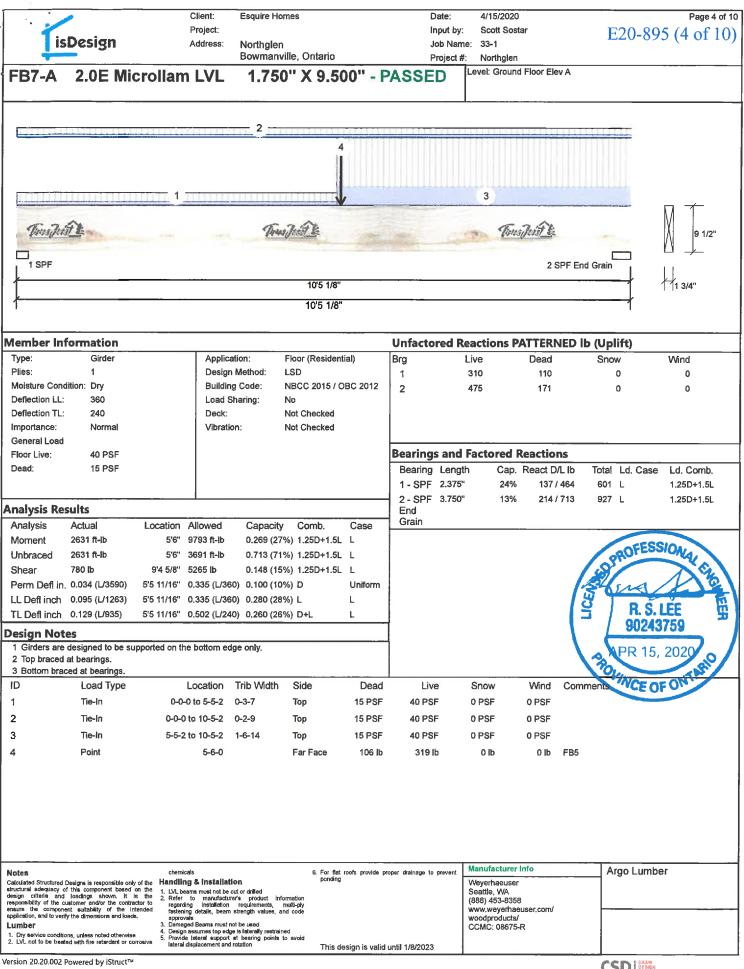


Page 1 of 10 E20-895 (1 of 10)			
	1		
N T			
9 1/2"			
1 3/4"			
lift) w Wind	-		
0 0			
Ld Cook Ld Cook			
Ld. Case Ld. Comb. L 1.25D+1.5L	;		
ROFESSIONALE			
R. S. LEE 90243759			
PR 15, 2020			
VCE OF ON!	-		
rgo Lumber			
D OSSAGE			

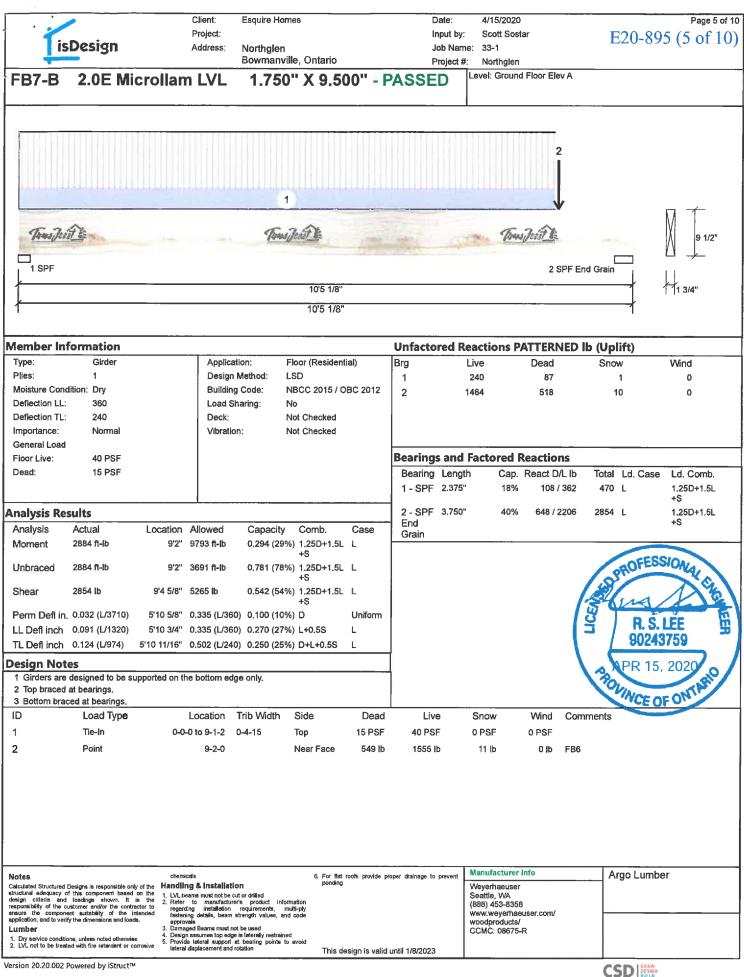




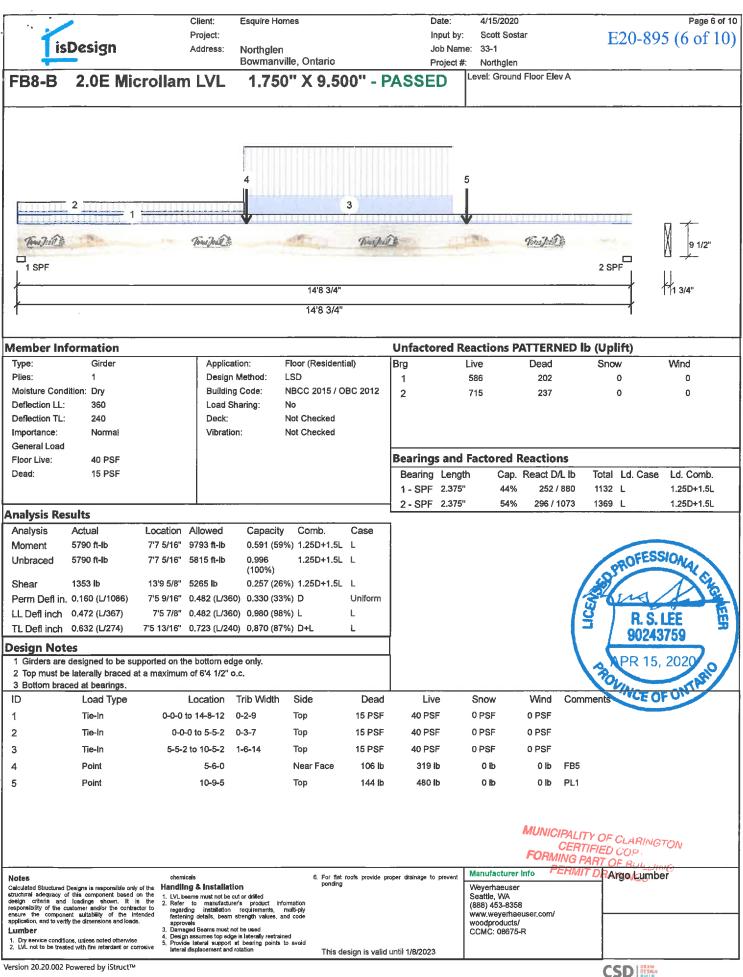




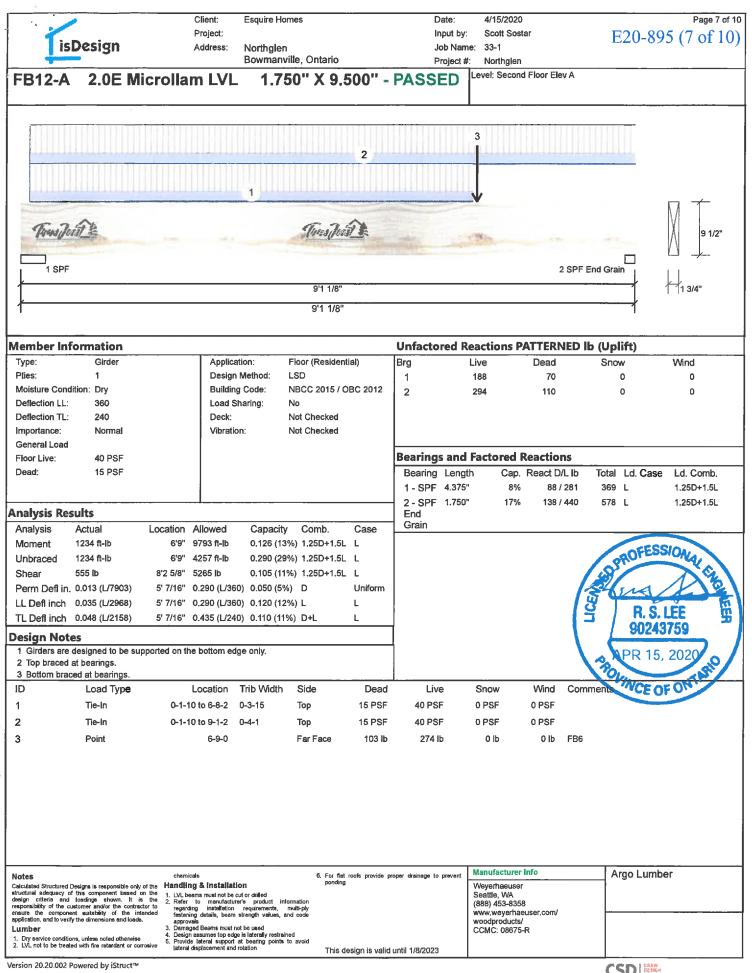
Page 4 of 10 E20-895 (4 of 10)		
9 1/2"		
End Grain 1 3/4"		
Snow Wind 0 0 0 0		
b Total Ld. Case Ld. Comb. 4 601 L 1.25D+1.5L 3 927 L 1.25D+1.5L		
R. S. LEE 90243759 APR 15, 2020 Omments VCE OF ON ARIO		
35		
Argo Lumber		
CSD GAAW		

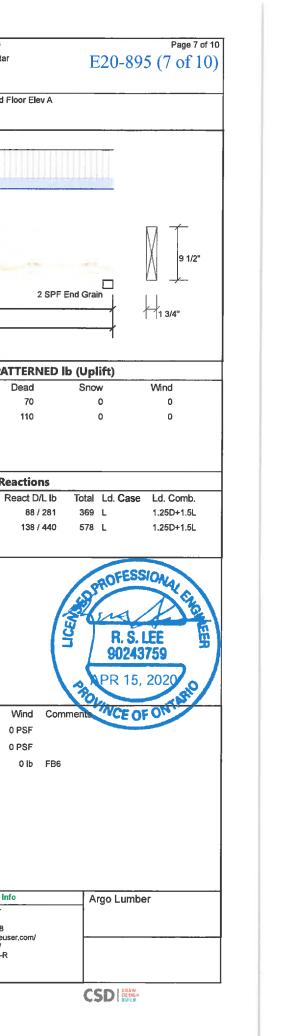


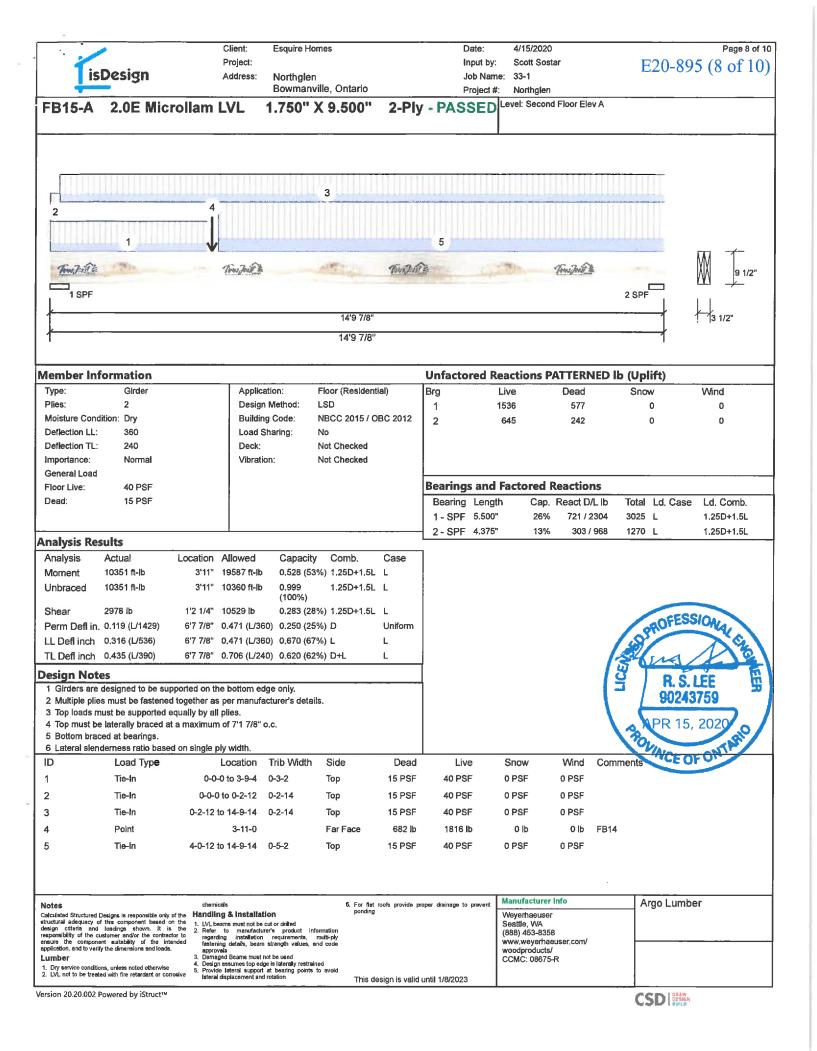


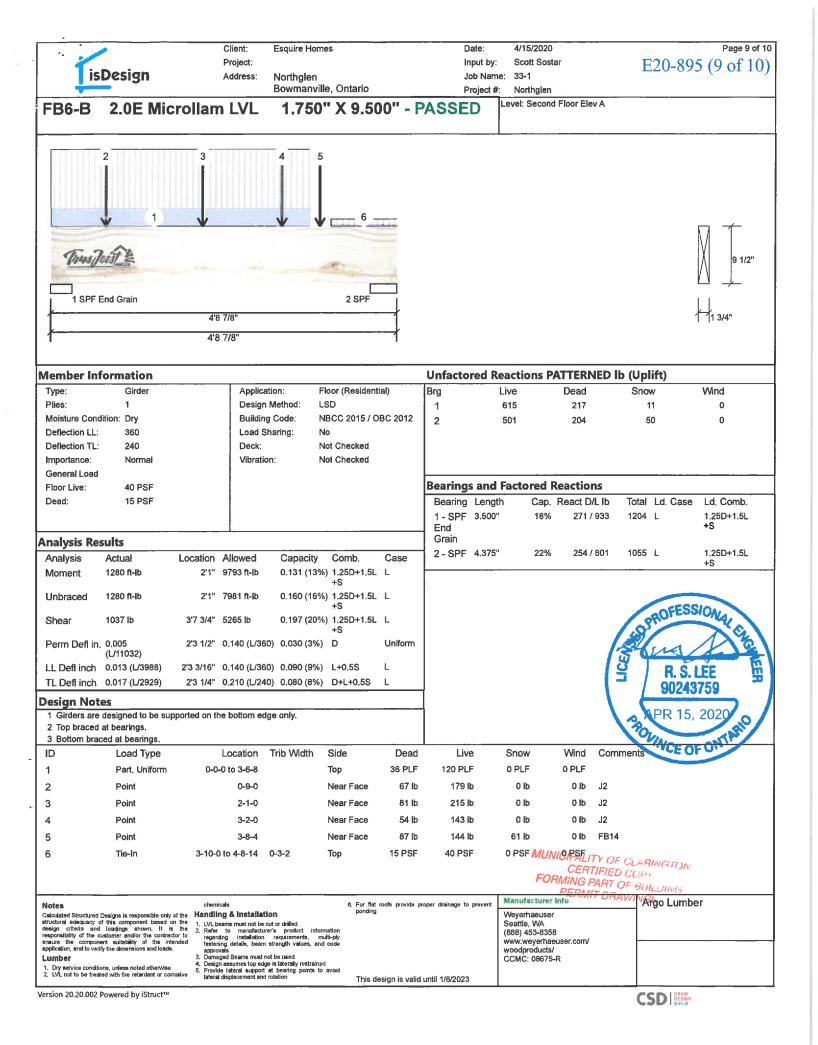


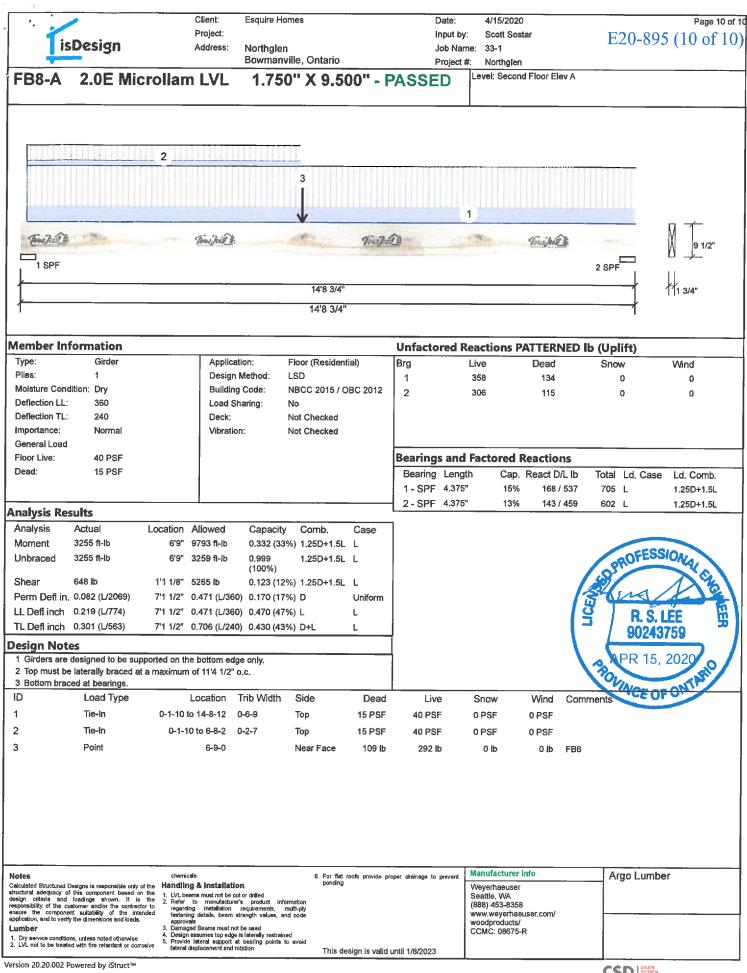




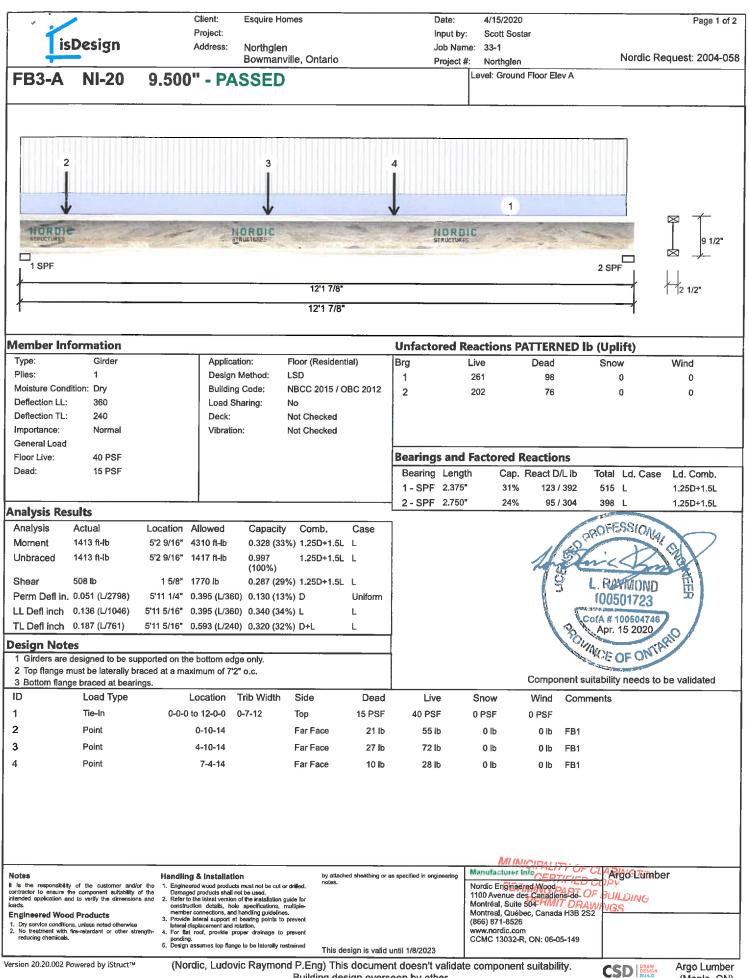








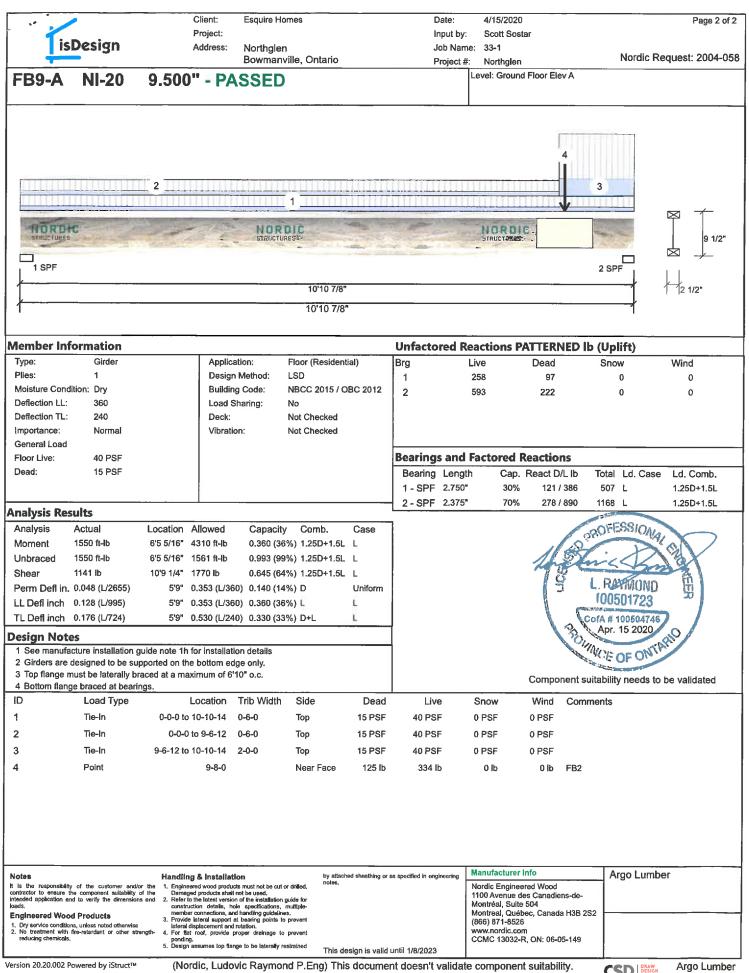




Building design overseen by other.



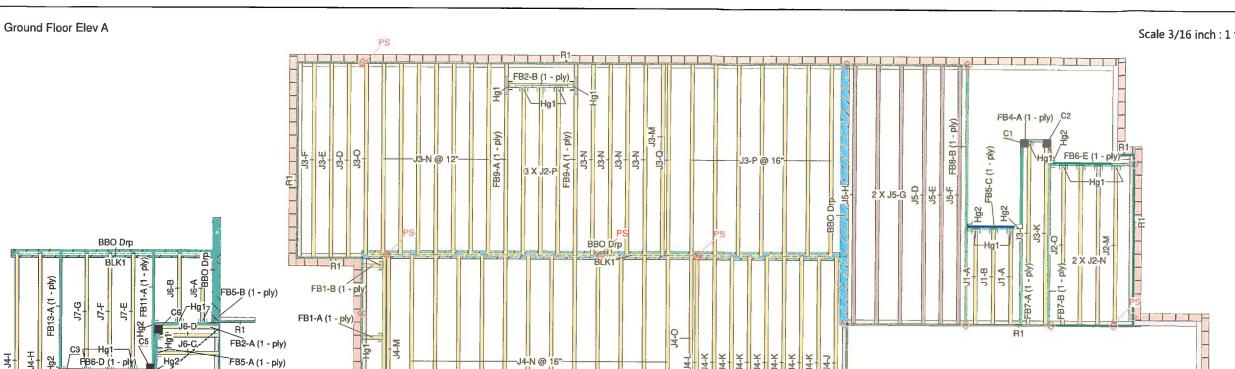
(Maple, ON)



Building design overseen by other.



(Maple, ON)



Legend

J2-L FB12-B (1 - ply)

J2-J

FB10-A (1 - ply)

Low

Ground Floor Elev A

Design Method LSD (Canada) Building Code NBCC 2015 / OBC Ground Floor Elev A

Label Description

FB3 NI-20

FB9 NI-20

FB10 NI-20

FB2 NI-20

FB1 NI-20

J4 NI-20

J3 NI-20

J2 NI-20

J7 NI-20

J1 NI-20

J6 NI-20

J5 NI-40x

BLK1 NI-20

Label Description

Label Description

FB8 2.0E Microllam LVL

FB13 2.0E Microllam LVL

FB7 2.0E Microllam LVL

FB12 2.0E Microllam LVL

FB11 2.0E Microllam LVL

FB6 2.0E Microllam LVL

FB5 2.0E Microflam LVL

FB4 2.0E Microllam LVL

1.125 X 9.5

Common Rim Board

Pcs Description

Label Description

Hg1 29 LT259

Hg2 6 HUS1.81/10

Blocking

LVL/LSL

Rim Board

R1

Hanger

Label

Width Depth

9.5

9.5

9.5

9.5

9.5

9.5

9.5

9.5

9.5

9.5

9.5

Width Depth Qty

9.5

9.5

9.5

9.5

9.5

9.5

9.5

9.5

9.5

Skew | Slope

Qty

9.5

9.5 LinFt

Width | Depth | Qty | Plies |

2.5

2.5

2.5

2.5

2.5

2.5

2.5

2.5

2.5

2.5

2.5

2.5

2.5

1.75

1.75

1.75

1.75

1.75

1.75

1.75

1.75

1.125

Width Depth

Qty

Plies

Plies

Plies

Beam/Girder

fasteners

4 10dx1 1/2

30 10dx1 1/2

Pcs Length

14-0-0

12-0-0

10-0-0

4-0-0

2-0-0

14-0-0

12-0-0

10-0-0

8-0-0

6-0-0

4-0-0

16-0-0

16-0-0

14-0-0

12-0-0

10-0-0

8-0-0

6-0-0

4-0-0

2-0-0

12-0-0

Pcs Length

Supported

Member

fasteners

2 10dx1 1/2

10 16d

1

2

- 1

4

25

26

11

3

3

4

6

1

2

1

3

3

1

12

Pcs Length

Varies 27-0-0

Pcs Length

Joist

	2012
Floor	
Loads	
Live	40
Dead	15
Deflection Joist	
LL Span L/	360
TL Span L/	240
LL Cant 2L/	360
TL Cant 2L/	240
Deflection Girder	
LL Span L/	360
TL Span L/	240
LL Cant 2L/	360
TL Cant 2L/	240
Decking	
Decking	SPF Plywood
Thickness	3/4"
.Fastener	Nailed & Glued
Vibration	

Point Load Support Load from Above Wall Common Rim Board 1.125 X 9.5 NI-20 9.5 NI-40x 9.5 2.0E Microllam LVL 1.75 X 9.5 5.5 X 9.5 (Dropped)

FB1-C (1 - ply)

FB1-D (1 - ply)

See attached sealed span charts for all uniformly loaded beams. "ALL JOISTS UNDER TILED APPLICATIONS SHALL CONFORM TO OBC 9.30.06"

THIS LAYOUT SHOULD ONLY BE USED FOR THE PLACEMENT OF THE JOISTS / BEAMS TO TRANSFER LOADS FROM ABOVE, RIM BOARDS, SQUASH BLOCKS OR BLOCKING PANELS SHALL BE USED FOR EXTERIOR WALLS AND INTERIOR BEARING WALLS OR BEAMS. - FOR FOUNDATION WALLS REQUIRED TO BE LATERALLY SUPPORTED, PROVIDE JOIST BLOCKING @24" O/C (MAY NOT BE SHOWN ON LAYOUT) - ARGO LUMBER IS NOT RESPONSIBLE FOR THE OVERALL STABILITY OF THE STRUCTURE

EWP manufacturers are responsible for the structural integrity of their respective products.

All "C#" callouts are End Grain Bearing Columns by Other

Scale 3/16 inch: 1 ft.

ARGO LUMBER INC.

Argo Lumber Inc. 10275 Keele Street Maple ON L6A 1S7 Tel: 905.832.2251

Project Northglen

Layout Name

33-1

Builder Esquire Homes

Shipping

Northglen Bowmanville, Ontario

Design Method

LSD

Revised

February 22, 2020

Description

Designer Scott Sostar

1. This layout does not constitute a record of the structural integrity of the building nor suitability of the design assumptions made. It is meant to be used as an installation guide only; in conjunction with the architectural and structural drawings, not to replace

2. Minimum required bearings for joists is 1.75" and 3.5" for

intermediate bearings 3. Minimum required bearings for LVL shall be 3" or the minimum required length indicated on the individual beam/girder member component design, whichever is greater. Each ply of the member shall be supported for the full member width for the full required minimum length of the bearing. 4. Unless otherwise noted, continuous lateral support must be provided to the compression edge of all joist/girder/beam members, Full support is considered to be a maximum unbraced length of 24". This restraint is normally provided by

to the member and supporting structure. 5. Provide lateral support to all joist/ girder/beam member components at all bearing locations to prevent lateral displacement and rotation.

sheathing and/or framing members which must be adequately anchored

6. All joist/girder/beam member components are limited to dry service conditions where the average equilibrium moisture content of sawn lumber is less than 16 percent.

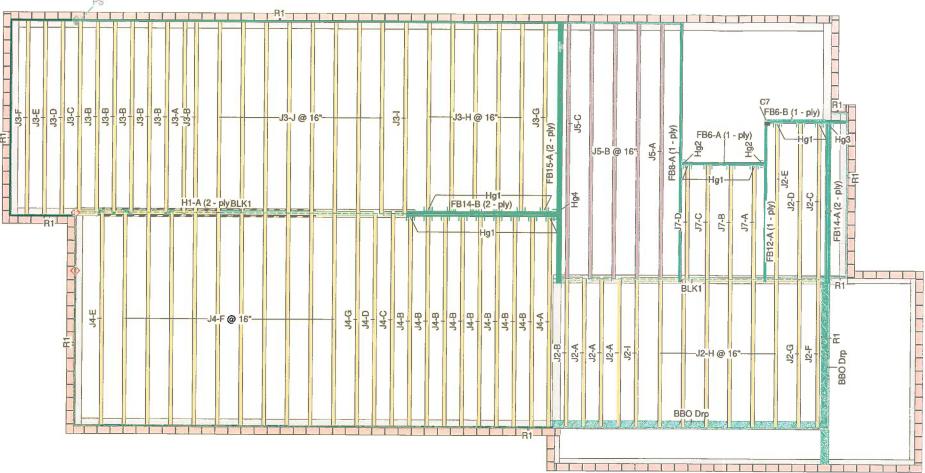
7. Point loads from above shall be solidly blocked (squash blocks) to solid bearing below. 8. All floor sheathing must be

attached (as indicated - nailed only or nailed and glued) for the entire length of the joist.

9. Blocking required over all interior supports under load bearing walls or when floor joists are not continuous

over support, for cantilevered joists of when indicated on the layout. FORMING PART 10. All lengths and quantities must be verified prior to installation. PERMIT DRAWINGS

Scale 3/16 inch: 1 ft.



Design Method	LSD (Canada)
Building Code N	
Floor	LUIL
Loads	
Live	40
Dead	15
Deflection Joist	
LL Span L/	360
TL Span L/	240
LL Cant 2L/	360
TL Cant 2L/	240
Deflection Girder	•
LL Span L/	360
TL Span L/	240
LL Cant 2L/	360
TL Cant 2L/	240
Decking	
Decking	SPF Plywood
Thickness	5/8"
Fastener	Nailed & Glued
Vibration	

Second Floor Elev A

BLK1 NI- LVL/LSL Label De	escription -20 escription DE Microllam LVL	Width 2.5 Width 1.75	Depth 9.5 Depth 9.5	Qty LinFt Qty	Plies Plies 2	Pcs Varies Pcs 2	Len 26
BLK1 NI-					Plies		
J5 NI- Blocking	-40x	2.5	9.5			5	16
J7 NI-	-20 -20	2.5 2.5	9.5 9.5			16 4	10 8
J4 NI-	escription -20 -20	Width 2.5 2.5	9.5 9.5	Qty	Plies	23 26	14 12

					Beam/Girder	Supported Member
Label	Pcs	Description	Skew	Slope	fasteners	fasteners
Hg1	22	LT259			4 10dx1 1/2	2 10dx1 1/2
Hg2	2	HUS1.81/10			30 10dx1 1/2	10 16d
Hg3	1	LF359			10 10dx1 1/2	2 #8x1 1/4WS
Hg4	1	HHUS410			30 16d	10 16d

See attached sealed span charts for all uniformly loaded beams. "ALL JOISTS UNDER TILED APPLICATIONS SHALL CONFORM TO OBC 9.30.06"

Second Floor Elev A

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Legend

Point Load Support

5.5 X 9.5 (Dropped)

Common Rim Board 1.125 X 9.5

2.0E Microllam LVL 1.75 X 9.5

2.0E Microllam LVL 1.75 X 11.875

Load from Above

Wall Opening

NI-20 9.5

NI-40x 9.5

Wall

EWP manufacturers are responsible for the structural integrity of their respective products. All "C#" callouts are End Grain Bearing Columns by Other

Version 20.20.002 Powered by iStruct™

This layout is to be used as an installation guide only. It is meant to be used in conjunction with the architectural and structural drawings, not to replace them

ARGO LUMBER INC.

Argo Lumber Inc. 10275 Keele Street Maple ON L6A 1S7 Tel: 905.832.2251

Project Northglen

Layout Name 33-1

Builder

Esquire Homes

Shipping

Northglen Bowmanville, Ontario

Design Method LSD

Revised

February 22, 2020

Description

Designer

Scott Sostar

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