

NAME OF PRACTICE: Jessica MacDonald Architect Inc. 25 Mississaga Street East, Upper Unit #3 Orillia, ON, L3V 1V4 BCDN 9582		NAME OF PROJECT: THORNBURY SELF STORAGE BUILDING #1 (B,C,D,E,F, & G) LOT 31 CLARK STREET, TOWN OF BLUE MOUNTAINS																	
Ontario Building Code Data Matrix PART 3			Building Code Reference																
3.00	Building Code Version: O.Reg. 332/12 Amendment: O. Reg. 88/19																		
3.01	Project Type:	☒ New ☐ Addition ☐ Renovation ☐ Addition and Renovation Description: CONSTRUCTION OF NEW SELF-SERVICE STORAGE FACILITY AND RELATED SITE WORK	[A] 1.1.2.																
3.02	Major Occupancy Classification:	Major Occupancy (s) GROUP F2 Use SELF STORAGE	3.1.2.1.(1)																
3.03	Area (m ²)	<table><tr><td>Description</td><td>Existing</td><td>New</td><td>Total</td></tr><tr><td>Building Area</td><td>N/A</td><td>4,246.62</td><td>4,246.62</td></tr><tr><td>Gross Area</td><td>N/A</td><td>4,246.62</td><td>4,246.62</td></tr></table>	Description	Existing	New	Total	Building Area	N/A	4,246.62	4,246.62	Gross Area	N/A	4,246.62	4,246.62	[A] 1.4.1.2.				
Description	Existing	New	Total																
Building Area	N/A	4,246.62	4,246.62																
Gross Area	N/A	4,246.62	4,246.62																
3.04	Building Height	Above Grade: 1.0 Height: 3.106m Below Grade: N/A	[A] 1.4.1.2. & 3.2.1.1.																
3.05	No. of Streets Firefighter Access	Streets: 3.0 Description: FIRE ACCESS ROUTE	3.2.2.10. & 3.2.5.																
3.06	Classification	3.2.2.70. Group/Div: GROUP F, DIVISION 2 UP TO 4 STOREYS	3.2.2.20. - 83																
3.07	Sprinkler System	☐ Required ☒ Not Required Proposed: ☐ Entire Building ☐ Selected Compartments ☐ Selected Floor Areas ☐ Basement ☐ In Lieu of Roof Rating ☒ None	3.2.1.5 & 3.2.2.17																
3.08	Fire Alarm System	☐ Required ☒ Not Required	3.2.9.																
3.09	Construction Type:	Restriction: ☒ Combustible Permitted ☐ Non-Combustible Required Actual: ☐ Combustible ☐ Non-Combustible ☒ Combination Heavy Timber Construction: ☒ No ☐ Yes	3.2.2.20. - 83 3.2.1.4.																
3.10	Required Fire Resistance Ratings:	<table><tr><td>Horizontal Assembly</td><td>Rating (H)</td><td>Supporting Assembly (H)</td><td>Noncombustible in lieu of rating?</td></tr><tr><td>Floors Over Basements</td><td><u>0.75</u></td><td><u>0.75</u></td><td>☒ No ☐ Yes ☐ N/A</td></tr><tr><td>Floors</td><td><u>0.75</u></td><td><u>0.75</u></td><td>☒ No ☐ Yes ☐ N/A</td></tr><tr><td>Roof</td><td><u>0.75</u></td><td><u>0.75</u></td><td>☐ No ☒ Yes ☐ N/A</td></tr></table>	Horizontal Assembly	Rating (H)	Supporting Assembly (H)	Noncombustible in lieu of rating?	Floors Over Basements	<u>0.75</u>	<u>0.75</u>	☒ No ☐ Yes ☐ N/A	Floors	<u>0.75</u>	<u>0.75</u>	☒ No ☐ Yes ☐ N/A	Roof	<u>0.75</u>	<u>0.75</u>	☐ No ☒ Yes ☐ N/A	3.2.2.20. - 83 3.2.1.4.
Horizontal Assembly	Rating (H)	Supporting Assembly (H)	Noncombustible in lieu of rating?																
Floors Over Basements	<u>0.75</u>	<u>0.75</u>	☒ No ☐ Yes ☐ N/A																
Floors	<u>0.75</u>	<u>0.75</u>	☒ No ☐ Yes ☐ N/A																
Roof	<u>0.75</u>	<u>0.75</u>	☐ No ☒ Yes ☐ N/A																
3.11	Barrier-Free Design	☒ Yes ☐ No	3.8																
3.12	Notes:	FOR SPATIAL SEPARATIONS, SEE SEPARATE CHART BELOW NOTE THAT BUILDINGS WITHIN THE COMPLEX ADHERE TO OBC EXEMPTION 3.10.4.2.(1)(c) & 3.10.4.3.(3) & (4) THE DISTANCE BETWEEN BUILDINGS (GROUPED) ARE NOT LESS THAN 9.0m AND BUILDINGS WITHIN GROUPS ARE NOT LESS THAN 6.0m																	

NAME OF PRACTICE: Jessica MacDonald Architect Inc. 25 Mississaga Street East, Upper Unit #3 Orillia, ON, L3V 1V4 BCDN 9582		NAME OF PROJECT: THORNBURY SELF STORAGE BUILDING #2 (A) LOT 31 CLARK STREET, TOWN OF BLUE MOUNTAINS																	
Ontario Building Code Data Matrix PART 3			Building Code Reference																
3.00	Building Code Version: O.Reg. 332/12 Amendment: O. Reg. 88/19																		
3.01	Project Type:	☒ New ☐ Addition ☐ Renovation ☐ Addition and Renovation Description: CONSTRUCTION OF NEW INDUSTRIAL BUILDING AND RELATED SITE WORK	[A] 1.1.2.																
3.02	Major Occupancy Classification:	Major Occupancy (s) GROUP F2 Use INDUSTRIAL BUILDING	3.1.2.1.(1)																
3.03	Area (m ²)	<table><tr><td>Description</td><td>Existing</td><td>New</td><td>Total</td></tr><tr><td>Building Area</td><td>N/A</td><td>1,300.64</td><td>1,300.64</td></tr><tr><td>Gross Area</td><td>N/A</td><td>2,601.28</td><td>2,601.28</td></tr></table>	Description	Existing	New	Total	Building Area	N/A	1,300.64	1,300.64	Gross Area	N/A	2,601.28	2,601.28	[A] 1.4.1.2.				
Description	Existing	New	Total																
Building Area	N/A	1,300.64	1,300.64																
Gross Area	N/A	2,601.28	2,601.28																
3.04	Building Height	Above Grade: 2.0 Height: 11.00m Below Grade: N/A	[A] 1.4.1.2. & 3.2.1.1.																
3.05	No. of Streets Firefighter Access	Streets: 3.0 Description: FIRE ACCESS ROUTE	3.2.2.10. & 3.2.5.																
3.06	Classification	3.2.2.69. Group/Div: F/2 up to 4-Storeys, Increased Area	3.2.2.20. - 83																
3.07	Sprinkler System	☐ Required ☒ Not Required Proposed: ☐ Entire Building ☐ Selected Compartments ☐ Selected Floor Areas ☐ Basement ☐ In Lieu of Roof Rating ☒ None	3.2.1.5 & 3.2.2.17																
3.08	Fire Alarm System	☒ Required ☐ Not Required	3.2.9.																
3.09	Construction Type:	Restriction: ☐ Combustible Permitted ☒ Non-Combustible Required Actual: ☐ Combustible ☒ Non-Combustible ☐ Combination Heavy Timber Construction: ☒ No ☐ Yes	3.2.2.20. - 83 3.2.1.4.																
3.10	Required Fire Resistance Ratings:	<table><tr><td>Horizontal Assembly</td><td>Rating (H)</td><td>Supporting Assembly (H)</td><td>Noncombustible in lieu of rating?</td></tr><tr><td>Floors Over Basements</td><td><u>1.00</u></td><td><u>1.00</u></td><td>☒ No ☐ Yes ☐ N/A</td></tr><tr><td>Floors</td><td><u>1.00</u></td><td><u>1.00</u></td><td>☒ No ☐ Yes ☐ N/A</td></tr><tr><td>Roof</td><td><u>1.00</u></td><td><u>1.00</u></td><td>☒ No ☐ Yes ☐ N/A</td></tr></table>	Horizontal Assembly	Rating (H)	Supporting Assembly (H)	Noncombustible in lieu of rating?	Floors Over Basements	<u>1.00</u>	<u>1.00</u>	☒ No ☐ Yes ☐ N/A	Floors	<u>1.00</u>	<u>1.00</u>	☒ No ☐ Yes ☐ N/A	Roof	<u>1.00</u>	<u>1.00</u>	☒ No ☐ Yes ☐ N/A	3.2.2.20. - 83 3.2.1.4.
Horizontal Assembly	Rating (H)	Supporting Assembly (H)	Noncombustible in lieu of rating?																
Floors Over Basements	<u>1.00</u>	<u>1.00</u>	☒ No ☐ Yes ☐ N/A																
Floors	<u>1.00</u>	<u>1.00</u>	☒ No ☐ Yes ☐ N/A																
Roof	<u>1.00</u>	<u>1.00</u>	☒ No ☐ Yes ☐ N/A																
3.11	Barrier-Free Design	☒ Yes ☐ No	3.8																
3.12	Notes:	FOR SPATIAL SEPARATIONS, SEE SEPARATE CHART BELOW																	

NAME OF PRACTICE: Jessica MacDonald Architect Inc. 25 Mississaga Street East, Upper Unit #3 Orillia, ON, L3V 1V4 BCDN 9582		NAME OF PROJECT: THORNBURY SELF STORAGE BUILDING #3 (H) LOT 31 CLARK STREET, TOWN OF BLUE MOUNTAINS																	
Ontario Building Code Data Matrix PART 3			Building Code Reference																
3.00	Building Code Version: O.Reg. 332/12 Amendment: O. Reg. 88/19																		
3.01	Project Type:	☒ New ☐ Addition ☐ Renovation ☐ Addition and Renovation Description: CONSTRUCTION OF NEW INDUSTRIAL BUILDING AND RELATED SITE WORK	[A] 1.1.2.																
3.02	Major Occupancy Classification:	Major Occupancy (s) GROUP F2 Use INDUSTRIAL BUILDING	3.1.2.1.(1)																
3.03	Area (m ²)	<table><tr><td>Description</td><td>Existing</td><td>New</td><td>Total</td></tr><tr><td>Building Area</td><td>N/A</td><td>1,750.10</td><td>1,750.10</td></tr><tr><td>Gross Area</td><td>N/A</td><td>1,750.10</td><td>1,750.10</td></tr></table>	Description	Existing	New	Total	Building Area	N/A	1,750.10	1,750.10	Gross Area	N/A	1,750.10	1,750.10	[A] 1.4.1.2.				
Description	Existing	New	Total																
Building Area	N/A	1,750.10	1,750.10																
Gross Area	N/A	1,750.10	1,750.10																
3.04	Building Height	Above Grade: 1.0 Height: 9.8m Below Grade: N/A	[A] 1.4.1.2. & 3.2.1.1.																
3.05	No. of Streets Firefighter Access	Streets: 1.0 Description: FIRE ACCESS ROUTE	3.2.2.10. & 3.2.5.																
3.06	Classification	3.2.2.70 Group/Div: GROUP F, DIVISION 2 UP TO 4 STOREYS	3.2.2.20. - 83																
3.07	Sprinkler System	☐ Required ☒ Not Required Proposed: ☐ Entire Building ☐ Selected Compartments ☐ Selected Floor Areas ☐ Basement ☐ In Lieu of Roof Rating ☒ None	3.2.1.5 & 3.2.2.17																
3.08	Fire Alarm System	☐ Required ☒ Not Required	3.2.9.																
3.09	Construction Type:	Restriction: ☒ Combustible Permitted ☐ Non-Combustible Required Actual: ☐ Combustible ☐ Non-Combustible ☒ Combination Heavy Timber Construction: ☒ No ☐ Yes	3.2.2.20. - 83 3.2.1.4.																
3.10	Required Fire Resistance Ratings:	<table><tr><td>Horizontal Assembly</td><td>Rating (H)</td><td>Supporting Assembly (H)</td><td>Noncombustible in lieu of rating?</td></tr><tr><td>Floors Over Basements</td><td><u>0.75</u></td><td><u>0.75</u></td><td>☒ No ☐ Yes ☐ N/A</td></tr><tr><td>Floors</td><td><u>0.75</u></td><td><u>0.75</u></td><td>☒ No ☐ Yes ☐ N/A</td></tr><tr><td>Roof</td><td><u>0.75</u></td><td><u>0.75</u></td><td>☐ No ☒ Yes ☐ N/A</td></tr></table>	Horizontal Assembly	Rating (H)	Supporting Assembly (H)	Noncombustible in lieu of rating?	Floors Over Basements	<u>0.75</u>	<u>0.75</u>	☒ No ☐ Yes ☐ N/A	Floors	<u>0.75</u>	<u>0.75</u>	☒ No ☐ Yes ☐ N/A	Roof	<u>0.75</u>	<u>0.75</u>	☐ No ☒ Yes ☐ N/A	3.2.2.20. - 83 3.2.1.4.
Horizontal Assembly	Rating (H)	Supporting Assembly (H)	Noncombustible in lieu of rating?																
Floors Over Basements	<u>0.75</u>	<u>0.75</u>	☒ No ☐ Yes ☐ N/A																
Floors	<u>0.75</u>	<u>0.75</u>	☒ No ☐ Yes ☐ N/A																
Roof	<u>0.75</u>	<u>0.75</u>	☐ No ☒ Yes ☐ N/A																
3.11	Barrier-Free Design	☒ Yes ☐ No	3.8																
3.12	Notes:	FOR SPATIAL SEPARATIONS, SEE SEPARATE CHART BELOW																	

OBC MATRIX SPATIAL SEPARATION EXCERPT FOR THE FOLLOWING BUIDLINGS:
• BUILDING #1 (BUILDINGS B, C, D, E, F & G)
• BUILDING #2 (BUILDING A)
• BUILDING #3 (BUILDING H)

19	Spatial Separation – Construction of Exterior Walls										3.2.3.
	Wall	Building	Compartment	Area of EBF (m ²)	L.D. (m)	LH Or HL	Permitted Max. % of Openings	Proposed Openings	FRR (Hours)	Listed Design or Description	Wall Construction
North	2		A1a	66.0 (<80)	8.0	<3:1	31	29.4	1	TBD	Combustible / Noncombustible
			A1b	66.0 (<80)	8.0	<3:1	31	25.0	1		Combustible / Noncombustible
			A1c	66.0 (<80)	8.0	<3:1	31	29.4	1		Combustible / Noncombustible
			A1d	66.0 (<80)	8.0	<3:1	31	29.4	1		Combustible / Noncombustible
			A1e	66.0 (<80)	8.0	<3:1	31	25.0	1		Combustible / Noncombustible
			A1f	66.0 (<80)	8.0	<3:1	31	29.4	1		Combustible / Noncombustible
			A2a	90.5 (<100)	8.0	3:1 – 10:1	28	5.8	1		Combustible / Noncombustible
			A2b	91.4 (<100)	8.0	3:1 – 10:1	28	0	1		Combustible / Noncombustible
			A2c	90.5 (<100)	8.0	3:1 – 10:1	28	5.8	1		Combustible / Noncombustible
	1		C1b	16.7 (<20)	23.8	<3:1	100	0			
			D1b	28.1 (<30)	25.8	<3:1	100	63.7			
			E1c	36.3 (<30)	25.0	<3:1	100	61.0			
			F1b	28.1 (<30)	25.8	<3:1	100	63.7			
			G1b	16.7 (<20)	39.0	<3:1	100	0			
			3	H1a	198.0 (<250)	7.5	<3:1	10	0	2	Noncombustible
	2		A1a	66.0 (<80)	38.6	<3:1	100	38.7		TBD	
			A1b	66.0 (<80)	38.6	<3:1	100	33.0			
			A1c	66.0 (<80)	38.6	<3:1	100	38.7			
			A1d	66.0 (<80)	38.6	<3:1	100	38.7			
			A1e	66.0 (<80)	38.6	<3:1	100	33.0			
			A1f	66.0 (<80)	38.6	<3:1	100	38.7			
			A2a	90.5 (<100)	38.6	3:1 – 10:1	100	17.1			
			A2b	91.4 (<100)	38.6	3:1 – 10:1	100	0			
			A2c	90.5 (<100)	38.6	3:1 – 10:1	100	17.1			
South	1		C1a	16.7 (<20)	10.2	<3:1	100	0			
			B1a	30.0 (<30)	10.2	3:1 – 10:1	100	74			
			B1b	30.0 (<30)	10.2	3:1 – 10:1	100	74			
			B1c	30.0 (<30)	10.2	3:1 – 10:1	100	74			
			G1a	16.7 (<20)	10.2	<3:1	100	0			
			3	H1h	198.0 (<250)	23.8	<3:1	68	0	1	Combustible / Noncombustible
	2		A1f	137.4 (<150)	31.3	3:1 – 10:1	100	33.2		TBD	
			A2f	95.8 (<100)	31.3	3:1 – 10:1	100	0			
			G1a	104.3 (<150)	39.1	>10:1	100	0			
			G1b	27.87 (<30)	39.1	>10:1	100	0			
			H1a	97.2 (<100)	47.8	<3:1	100	2.4			
			H1b	95.9 (<100)	47.8	<3:1	100	2.4			
			H1c	95.9 (<100)	47.8	<3:1	100	2.4			
			H1d	108.2 (<150)	47.8	<3:1	100	2.2			
			H1e	108.2 (<150)	47.8	<3:1	100	2.2			
East	3		H1f	95.9 (<100)	47.8	<3:1	100	2.4			
			H1g	95.9 (<100)	47.8	<3:1	100	2.4			
			H1h	97.2 (<100)	47.8	<3:1	100	2.4			
	2		A1a	137.4 (<150)	34.2	3:1 – 10:1	100	33.2		TBD	
			A2a	95.8 (<100)	34.2	3:1 – 10:1	100	0			
			C1a	141.5 (<150)	29.8	>10:1	100	0			
			C1b	126.6 (<150)	29.8	>10:1	100	0			
			H1a	97.2 (<100)	7.5	<3:1	20	15.4	2		Combustible / Noncombustible
			H1b	95.9 (<100)	12.7	<3:1	58	28.6	1		Combustible / Noncombustible
			H1c	96.9 (<100)	16.6	<3:1	100	28.6			
			H1d	108.2 (<150)	24.4	<3:1	100	18.8			
			H1e	108.2 (<150)	30.3	<3:1	100	18.8			
West	3		H1f	95.9 (<100)	36.1	<3:1	100	28.6			
			H1g	95.9 (<100)	41.9	<3:1	100	28.6			
			H1h	97.2 (<100)	47.8	<3:1	100	15.4			
	1		A1a	137.4 (<150)	34.2	3:1 – 10:1	100	33.2		TBD	
			A2a	95.8 (<100)	34.2	3:1 – 10:1	100	0			
			C1a	141.5 (<150)	29.8	>10:1	100	0			
			C1b	126.6 (<150)	29.8	>10:1	100	0			
			H1a	97.2 (<100)	7.5	<3:1	20	15.4	2		Combustible / Noncombustible
			H1b	95.9 (<100)	12.7	<3:1	58	28.6	1		Combustible / Noncombustible
			H1c	96.9 (<100)	16.6	<3:1	100	28.6			
			H1d	108.2 (<150)	24.4	<3:1	100	18.8			
			H1e	108.2 (<150)	30.3	<3:1	100	18.8			

GENERAL NOTES

- THESE NOTES APPLY TO ALL DRAWINGS.
- ALL DRAWINGS ARE THE PROPERTY OF THE ARCHITECT. REPRODUCTION OF DRAWINGS WITHOUT PRIOR WRITTEN PERMISSION OF THE ARCHITECT IS PROHIBITED.
 - DO NOT SCALE THE DRAWINGS - USE ONLY NOTED DIMENSIONS
 - CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS SHOWN ON DRAWINGS AND ON SITE PRIOR TO COMMENCEMENT OF ANY WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
 - DIMENSIONS SHOWN ON DRAWINGS ARE NOMINAL ONLY AND SHALL BE ADJUSTED TO SUIT ON-SITE CONDITIONS.
 - ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST REVISED EDITION OF THE ONTARIO BUILDING CODE AND ALL APPLICABLE LAWS.

<