

# The Meridian Community Building Rebuild

## 3 Meridian Place, Ottawa

Job No. 19-356

### Architect

Hobin Architecture Incorporated  
63 Pamilla St  
Ottawa, ON  
K1S 3K7  
Tel: 613-238-7200

### Coordinator

Hal Howlett - Merlin Door Systems Ltd  
29 Cleopatra Drive  
Ottawa, ON  
K2G 0B6  
Tel: 613-723-7900  
Fax: 613-723-7976  
E-Mail: Hal@merlindoor.com

### SHOP DRAWING REVIEW

REVIEWED

REVIEWED AS NOTED

REVISE AND RESUBMIT



"This review is for the sole purpose of ascertaining conformance with the general design concept for architectural features only, and does not in any way constitute review of the design of engineering elements which form part of the Contract Documents prepared by others. This review shall not mean that the Architect approves the detail design inherent in the shop drawings. This responsibility shall remain with the Contractor submitting same, and such review shall not relieve the Contractor of his responsibility for errors or omissions in the shop drawings or of his responsibility for meeting all requirements of the Contract Documents. The Contractor is responsible for dimensions to be confirmed and correlated at the job site, for information that pertains solely to fabrication processes, or to techniques of construction and installation and for co-ordination for the work of all trades."

### Contractor

Tal-Co Limited  
4728 Bank St  
Gloucester, ON  
K1T 3W7  
Tel: 613-821-2938

By: Bryan Bonell Date: July 29, 2019

HOBIN ARCHITECTURE INCORPORATED



The Meridian Community Building Rebuild  
3 Meridian Place, Ottawa  
Job No. 19-356

Submittal Date: July 23, 2019

## Index of Abbreviations

### Anchor Type

MOST WALLS ARE NEW WOOD  
STUD WALLS

*EWA* - Existing Wall Anchor

### Door Core

*HC* - Honeycomb  
*LEED* - Agrifibre  
*PC* - Particle Board  
*SSL* - Steel Stiffened, Laminated

EXT. DOORS - POLYURETHANE INSULATED

### Door Mat'l

*A40* - A-40 Galvanneal Steel  
*AL* - Aluminum  
*BIRCH-PG* - Paint Birch

MAPLE SPECIFIED

### Door Series

*8600-MO* - Institutional Flush, Particle Core  
*AF45-MO* - Agrifibre, 45 min  
*AL* - Aluminum Doors  
*LS* - Lock Seam Doors

### Frame Construction

*FW* - Face Weld Only

### Frame Mat'l

*AL* - Aluminum

### Frame Profile

*APP* - Applied Stop  
*M* - Masonry (Single Bend)

D? - MOST FRAMES WRAP AROUND DRYWALL PARTITIONS

### Frame Series

*AL* - Aluminum Frames  
*HM* - Hollow Metal Frames  
*WD* - Wood Frames

### Label

*UL-C* - UL "C" - 3/4 hr.

### Lite Kit

*THERMAL* - Sealed/Thermal Kit

### Openings Schedule

Opening Number(s)	Qty	Location 1	To/ From	Location 2	Section Num.	Nominal Elevatio	Nominal Width	Nominal Height	Type	Hand	Label	Frame Series	Frame Gauge	Frame Profile	Jamb Depth	Frame Constructor	Anchor Type	Door Series	Door Mat'l	Door Gauge	Door Thickness	Door Elev.	Door Lite Kit	Door Core	Remarks
		Garage Level																							
B02.1	1	Exit Vestibule B03	From	Stair B02	1	E-1	914	2032	Single	LHR	UL-C	HM	16	M	191	FW	EWA	LS	A40	<del>18</del> 16	44	B		HC	POLYURETHANE INSUL. TOP & BOTTOM CAPS
		Ground Floor																							
101.1	1	Stair 101	From	Vestibule 104a	2	E-2	914	2134	Single	RHR	UL-C	HM	16	M	146	FW	EWA	LS	A40	18	44	B		HC	
102.1	1	Vestibule 104a	To	Stor-5 102	3	E-3	762	2134	Single	LH		HM	16	M	142	FW	EWA	8600-MO	BIRCH-PG		44	B		PC	
103.1	1	Vestibule 104a	To	WC 103	3	E-3	965	2134	Single	LH		HM	16	M	142	FW	EWA	8600-MO	BIRCH-PG		44	B		PC	
104.1	1	Corr. C 118	From	Corr. A 104	4, 5, 6, 7	104.1	965	2134	Single	LHR	UL-C	HM	16	M	208 172 WALL	FW	EWA	LS	A40	18	44	G		HC	
104.2	1	Corr. B 117	From	Corr. A 104	4, 6, 7, 8	104.2	965	2134	Single	RHR	UL-C	HM	16	M	208 172 WALL	FW	EWA	LS	A40	18	44	G		HC	
105.1	1	Corr. A 104	To	Libraby 105	9	E-4	914, 914	2134	Pair	LHA/RHA		HM	16	M	208 172 WALL	FW	EWA	8600-MO	BIRCH-PG		44	E		PC	



The Meridian Community Building Rebuild  
3 Meridian Place, Ottawa  
Job No. 19-356

Submittal Date: July 23, 2019

Opening Number(s)	Qty	Location 1	To/ From	Location 2	Section Num.	Nominal Elevatio	Nominal Width	Nominal Height	Type	Hand	Label	Frame Series	Frame Gauge	Frame Profile	Jamb Depth	Frame Constructor	Anchor Type	Door Series	Door Mat'l	Door Gauge	Door Thickness	Door Elev.	Door Lite Kit	Door Core	Remarks
106.1	1	Vestibule 104b	To	Jan./ Stor. 106	10	E-5	864	2134	Single	RH	UL-C	HM	16	M	146	FW	EWA	AF45-MO	BIRCH-PG		44	B		LEED	
107.1	1	Corr. A 104	To	Office 107	9	E-5	965	2134	Single	RH		HM	16	M	208	FW	EWA	8600-MO	BIRCH-PG		44	B		PC	
108.1	1	Open Area	From	Stor-3 108	11	E-6	914, 914	2134	Pair	RHRA		HM	16	M	222	FW	EWA	LS	A40	<del>18</del> 16	44	B		HC	POLYURETHANE INSUL. TOP & BOTTOM CAPS
109.1	1	Corr. A 104	From	Fitness 109	12	E-2	965	2134	Single	RHR		HM	16	M	142	FW	EWA	8600-MO	BIRCH-PG		44	C		PC	
110.1	1	Corr. A 104	To	Kitchen 110	3	E-5	965	2134	Single	RH		HM	16	M	142	FW	EWA	8600-MO	BIRCH-PG		44	C		PC	
110.2	1	Common Room 111	From	Kitchen 110	4	E-6	600, 600	2134	Pair	LHRA		HM	16	M	<del>208</del> 195	FW	EWA	8600-MO	BIRCH-PG		44	A		PC	
111.1	1	Corr. A 104	From	Common Room 111	13, 14, 15, 16	111.1	965	2134	Single	LHR		WD		APP	140		WS	8600-MO	BIRCH-PG		44	F		PC	
112.1	1	Common Room 111	From	Stor-2 112	12	E-6	812, 812	2134	Pair	RHRA		HM	16	M	142	FW	EWA	8600-MO	BIRCH-PG		44	A		PC	
113.1	1	Common Room 111	From	Stor-1 113	12	E-6	764, 764	2134	Pair	LHRA/RHRA		HM	16	M	142	FW	EWA	8600-MO	BIRCH-PG		44	A		PC	
113.2	1	Common Room 111	From	Stor-1 113	12	E-6	764, 764	2134	Pair	LHRA/RHRA		HM	16	M	142	FW	EWA	8600-MO	BIRCH-PG		44	A		PC	
114.1	1	Corr. A 104	From	Crafts Hobby 114	4	E-1	965	2134	Single	LHR		HM	16	M	208	FW	EWA	8600-MO	BIRCH-PG		44	C		PC	
115.1	1	Corr. A 104	To	Laund. 115	3	E-5	965	2134	Single	RH		HM	16	M	142	FW	EWA	8600-MO	BIRCH-PG		44	C		PC	



The Meridian Community Building Rebuild  
3 Meridian Place, Ottawa  
Job No. 19-356

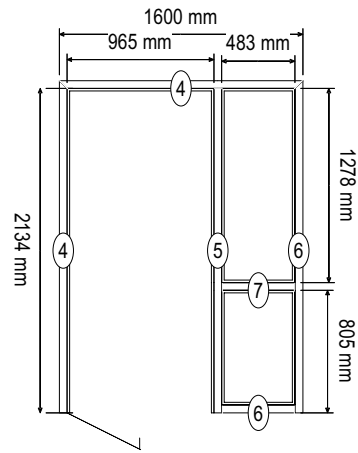
Submittal Date: July 23, 2019

Opening Number(s)	Qty	Location 1	To/ From	Location 2	Section Num.	Elevation	Nominal Width	Nominal Height	Type	Hand	Label	Frame Series	Frame Gauge	Frame Profile	Jamb Depth	Frame Construction	Anchor Type	Door Series	Door Mat'l	Door Gauge	Door Thickness	Door Elev.	Door Lite Kit	Door Core	Remarks
116.1	1	Corr.A 104	From	Roof Access 116	2	E-2	914	2134	Single	RHR	UL-C	HM	16	M	146	FW	EWA	LS	A40	18	44	B		HC	
117.1	1	Corr.B 117	From	Exterior	17	E-5	914	2032	Single	RH		HM	16	M	191	FW	EWA	LS	A40	18	44	H	THERMAL	SSL	Confirm Glass Kit
																				POLYURETHANE INSUL. / TOP & BOTTOM CAPS					
118.1	1	Corr.C 118	From	Exterior	17	E-3	914	2032	Single	LH		HM	16	M	191	FW	EWA	LS	A40	18	44	H	THERMAL	SSL	Confirm Glass Kit
																				POLYURETHANE INSUL. / TOP & BOTTOM CAPS					
109.3	1	Fitness 109	From	Closet	18	E-7	415 405	2745	Single	LHR		WD		APP	115		WS	8600-MO	BIRCH-PG		44	B		PC	415x2745 O.D. No Head Jamb
114.3	1	Crafts Hobby 114	From	Closet	18	E-8	415 363	2745	Single	RHR		WD		APP	115		WS	8600-MO	BIRCH-PG		44	B		PC	415x2745 O.D. No Head Jamb
							SITE CONFIRM FRAMING DIMENSIONS AT POCKETS																		
																						GL-1, INNER AND OUTER PANES TEMPERED			

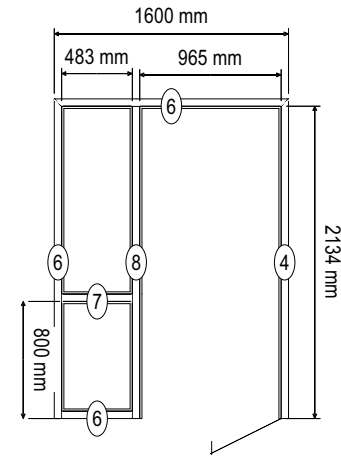


The Meridian Community Building Rebuild  
 3 Meridian Place, Ottawa  
 Job No. 19-356

Submittal Date: July 23, 2019

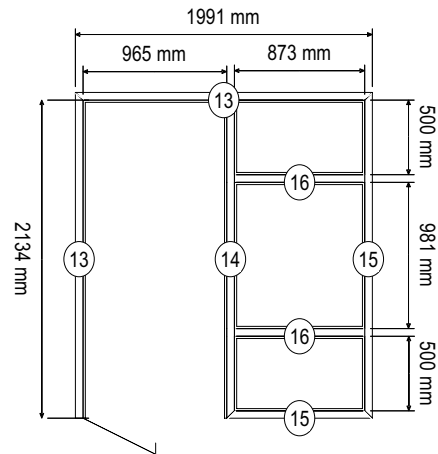


104.1

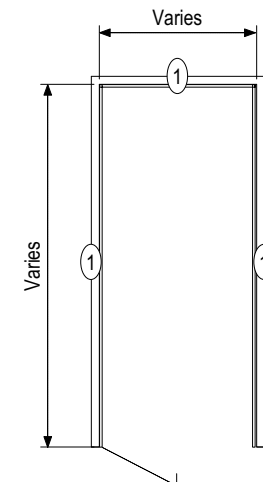


104.2

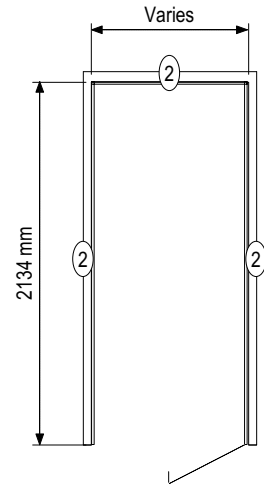
**SITE CONFIRM**



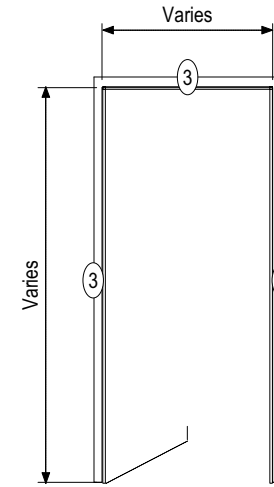
111.1



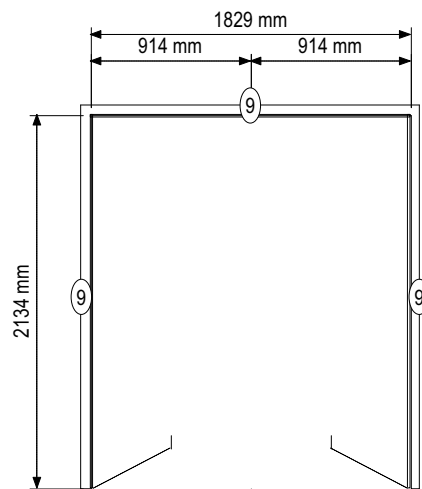
E-1



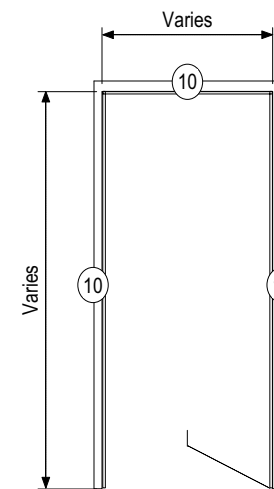
E-2



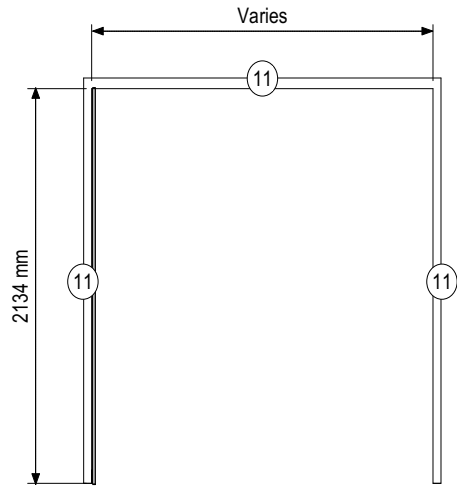
E-3



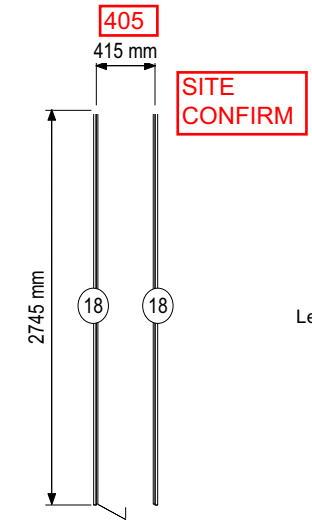
E-4



E-5

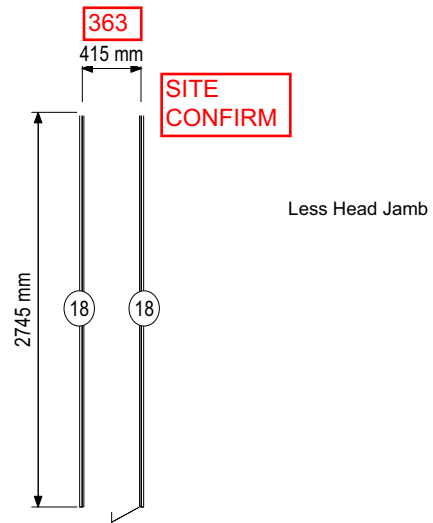


E-6



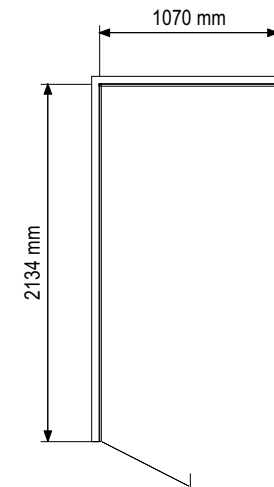
Less head Jamb

E-7

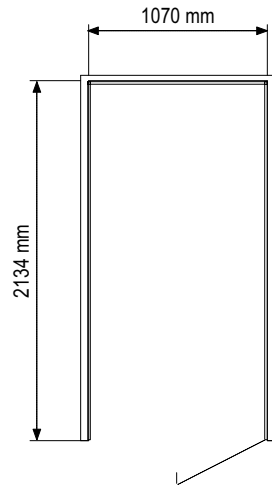


Less Head Jamb

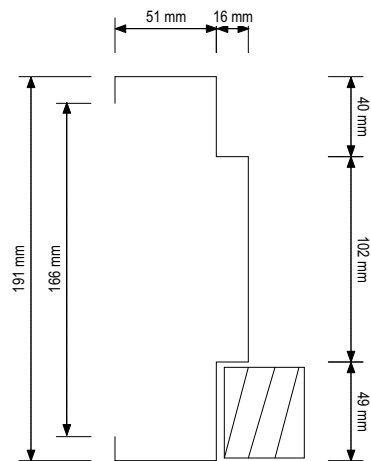
E-8



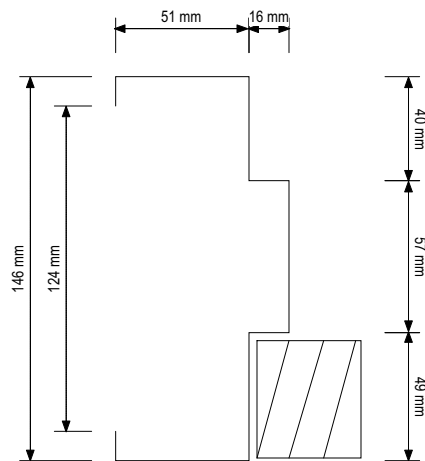
E-9



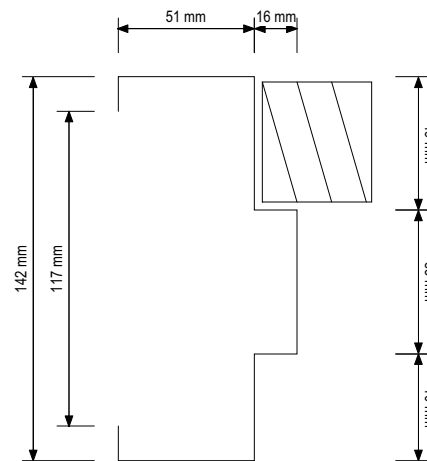
E-10



1

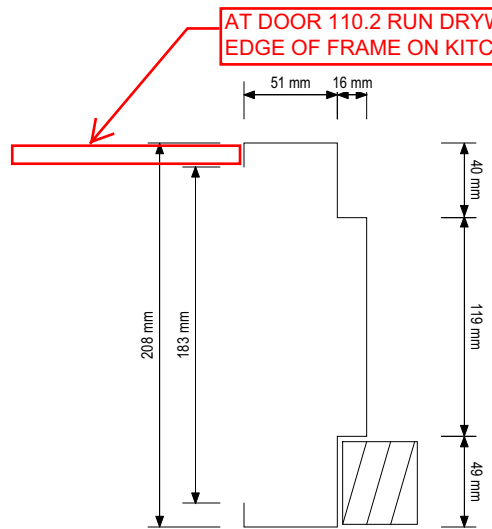


2

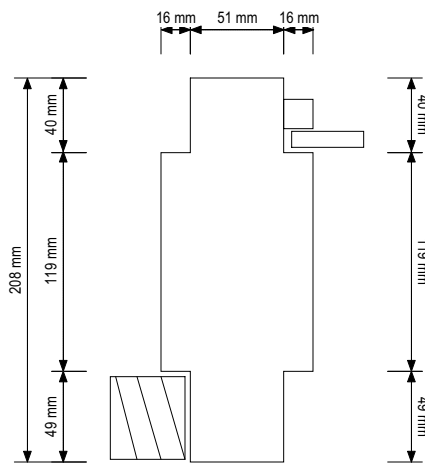


3

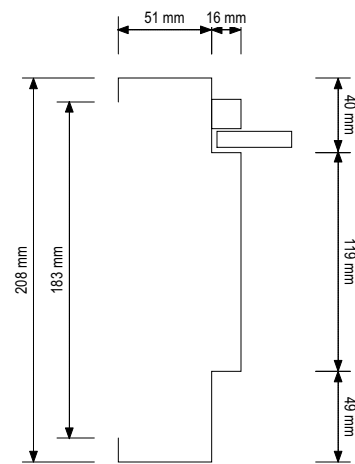
AT DOOR 110.2 RUN DRYWALL INTO  
EDGE OF FRAME ON KITCHEN SIDE



4



5

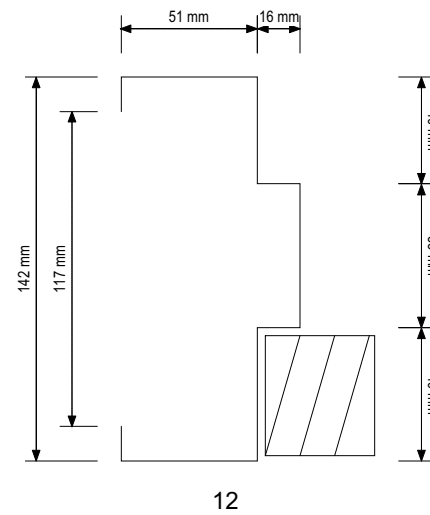
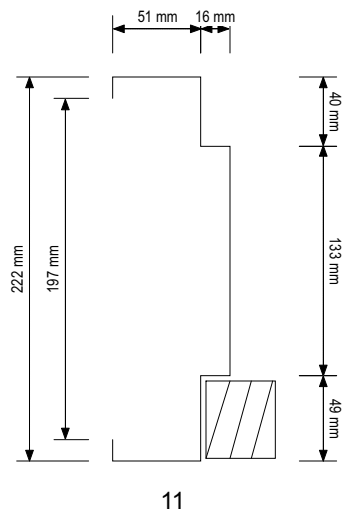
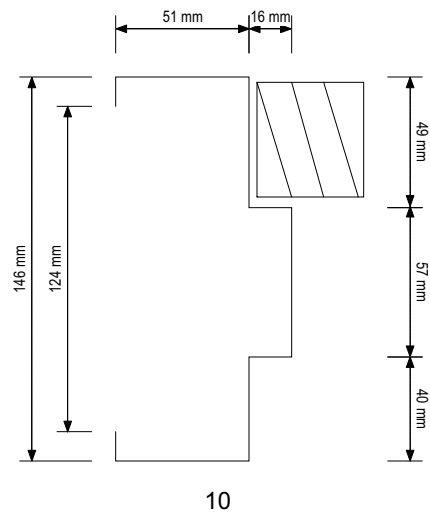
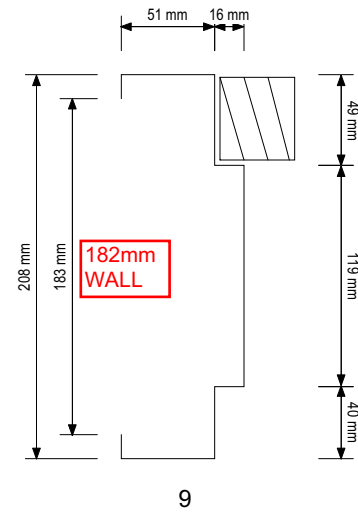
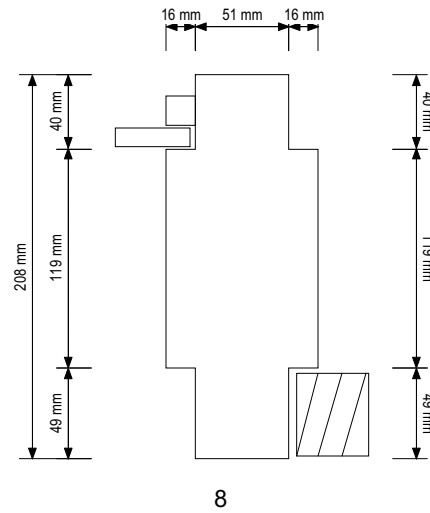
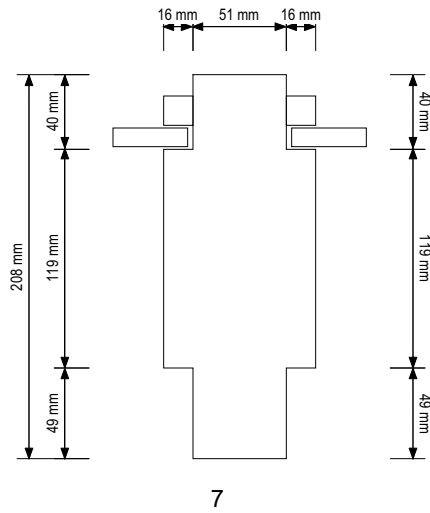


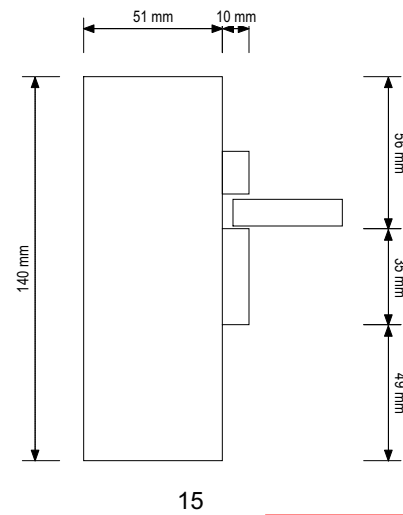
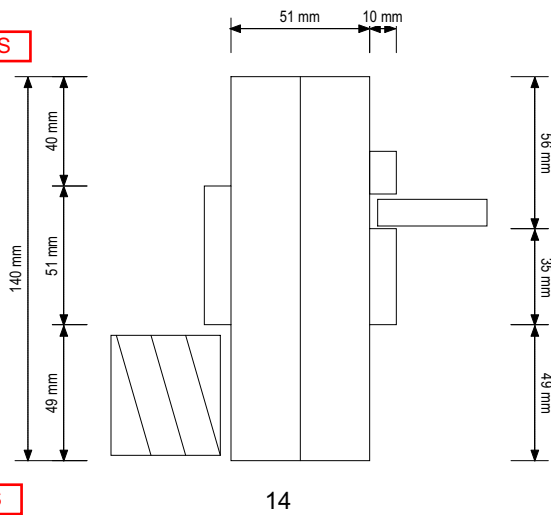
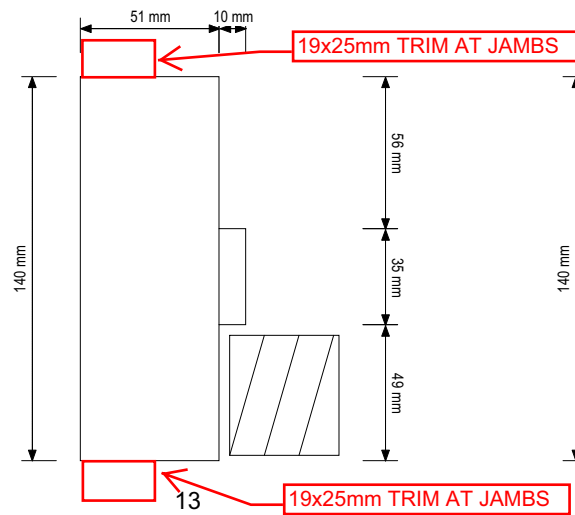
6



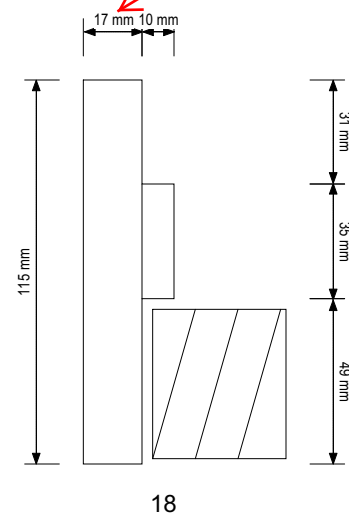
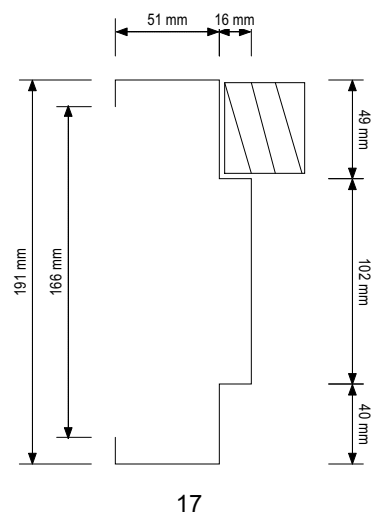
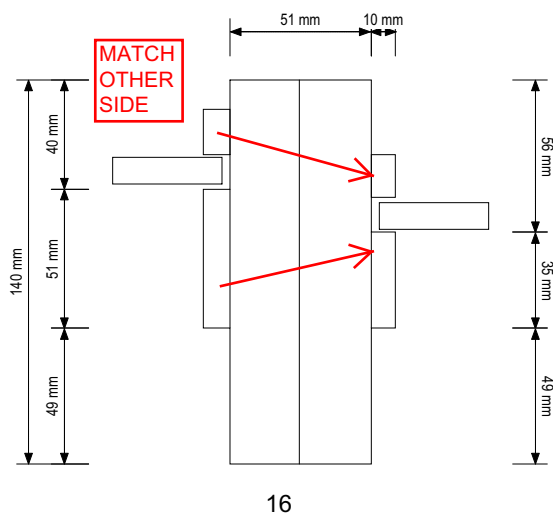
The Meridian Community Building Rebuild  
3 Meridian Place, Ottawa  
Job No. 19-356

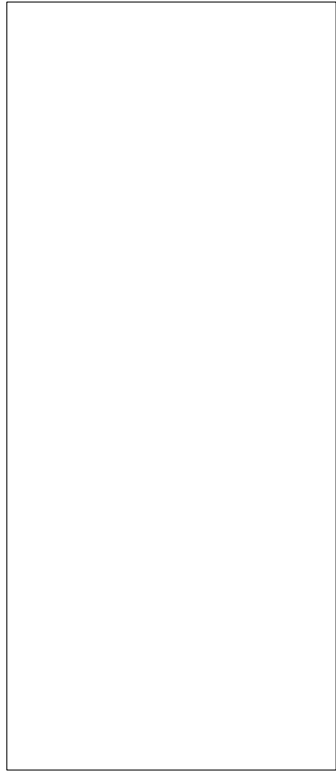
Submittal Date: July 23, 2019



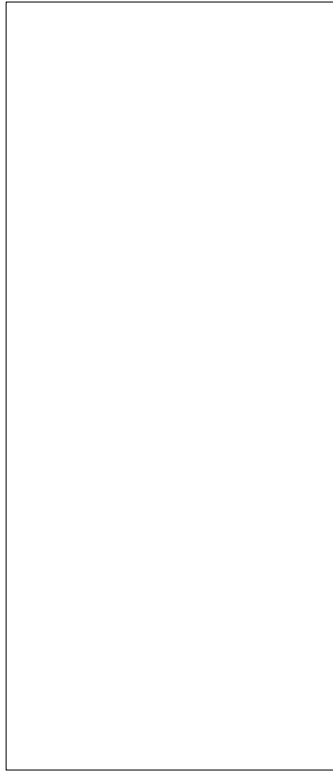


IS THIS THICK ENOUGH FOR THE JAMB HEIGHT?

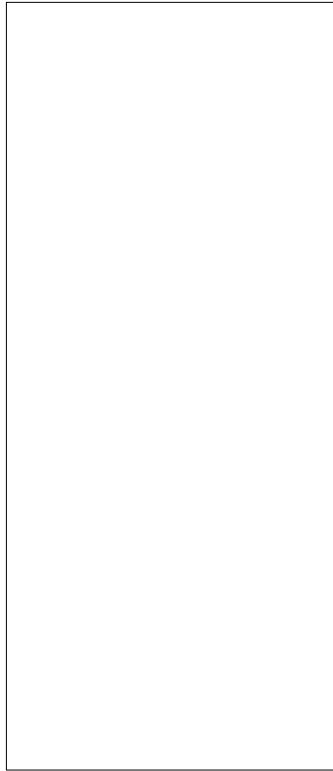




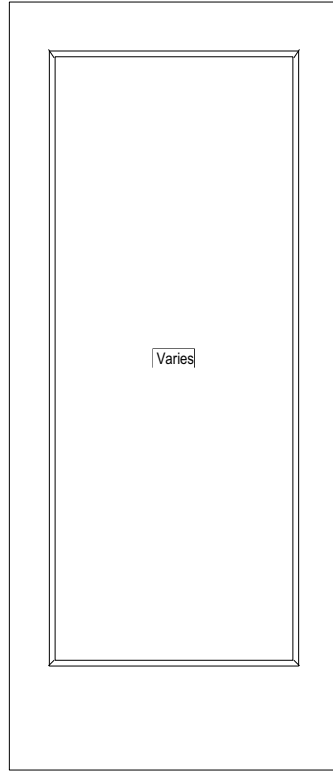
A



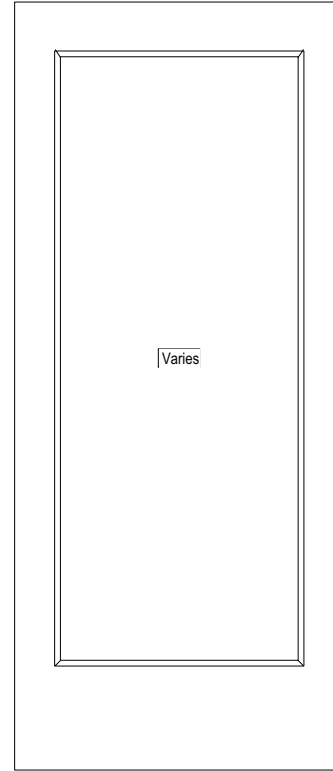
B (Baillargeon)



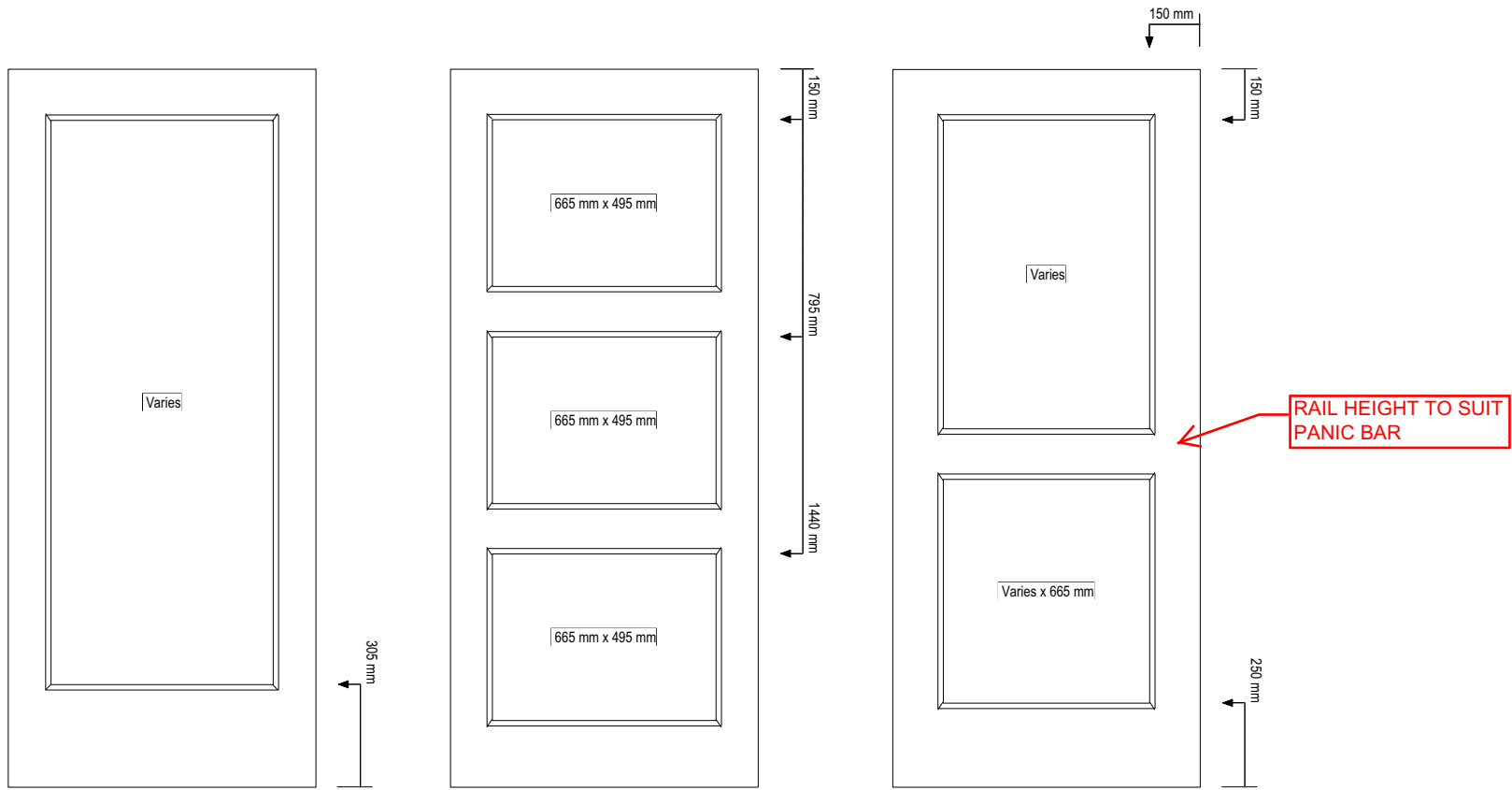
B (Vision)



C



E



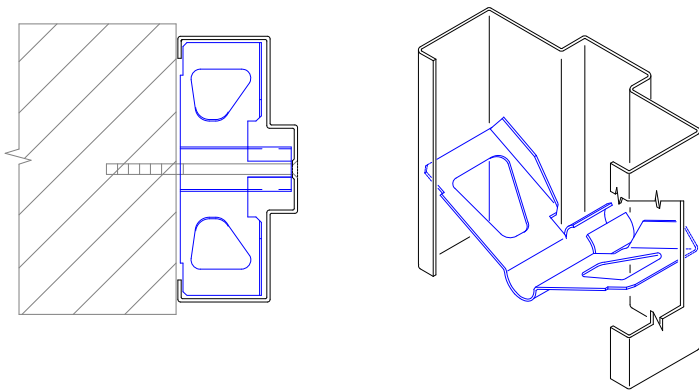
F

G

H

RAIL HEIGHT TO SUIT PANIC BAR

**Anchor Type**



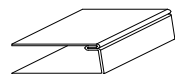
Existing Wall Anchor (EWA)

IS THIS CORRECT ANCHOR FOR  
FRAME TO WRAP AROUND WOOD  
STUD WALL?

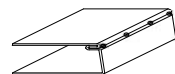
**LS SERIES DOOR-AVAILABLE CONSTRUCTION**

**D-2**

**EDGE OPTIONS**



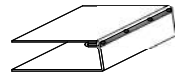
**LS - LOCK SEAM (STANDARD)**  
Continuous, mechanical interlocking edge seam filled with internal sealant.



**TW - TACK WELDED (OPTIONAL)**  
Edge seams tack welded at 6" to 10" O.C.



**WF - WELDED & FILLED (OPTIONAL)**  
Edge seams tack welded on the ends and filled with a special paintable compound that will not shrink or crack.



**TF - TACK & FILLED (OPTIONAL)**  
Edge seams tack welded at 6" to 10" O.C. and Bondo filled.



**LW - LOCK WELDED (OPTIONAL)**  
Edge seam continuously welded. Available in 18 GA and 16 GA with HC or TRR cores only. Maximum size 4'0" x 8'0".

**CORE OPTIONS**



**HC - HONEYCOMB (STANDARD)**  
High density honeycomb paper core laminated to the inside of door.  
R value = 2.62  
U value = 0.381



**IS - POLYSTYRENE INSULATION (OPTIONAL)**  
Polystyrene slab bonded to the inside of door.  
R value = 6.87  
U value = 0.146



**IU - POLYURETHANE INSULATION (OPTIONAL)**  
Polyurethane slab bonded to the inside of door.  
R value = 12.23  
U value = 0.082



**TRR - TEMPERATURE RISE RATED (OPTIONAL)**  
Special high temperature core laminated to door skin's to reduce heat transmission as follows:  
(250°F @ 30 Minutes, 450°F @ 60 Minutes, 250°C @ 60 Minutes).



**SSL - STEEL STIFFENED LAMINATED (OPTIONAL)**  
20 GA Steel Stiffened Channels laminated to door skin 6" O.C. Voids filled with high density insulation.  
R value = 1.17  
U value = 0.855

**DISCLAIMER NOTICE:**

"R" & "U"- values are industrial standards based on core slab only and not on assembled door unit.



VISION HOLLOW METAL LTD.

DRAFT-UNDER REVISION



The Meridian Community Building Rebuild  
3 Meridian Place, Ottawa  
Job No. 19-356

Submittal Date: July 23, 2019

INSTITUTIONAL

## 8600-MO/ME/VE (5 PLY)

### PARTICLE CORE, FOR INTENSIVE USE

① **STILES:** Hardwood or laminated strand lumber (LSL) or **1/8" (3 mm)** thick veneer, longitudinally laminated by hot pressing with type 1 structural glue, as per ASTM-D5456-93 (LVL), including a **7/8" (22 mm)** piece of hardwood, for a total width of **1 3/16" (30 mm)**

**MO:** Manufacturer's choice

**ME:** Matched with faces

**VE:** Covered with 1/32" (0.7938 mm) wood veneer, matched with faces

② **TOP AND BOTTOM RAILS:** **1 3/16" (30 mm)** in wood or SCL, manufacturer's choice (LVL or LSL)

③ **CORE:** Solid particleboard, Density of 28-32 lbs per cubic foot. Complies with CSA-0188 and ANSI A208-1 standards (LD-1/LD-2)

④ **FACES:** Wood veneer (choice of face veneers; 2 ply plywood), hardboard panel or plastic laminate glued to composite crossband

**LOCK BLOCK:** Integrated

**GLUE:** Type I PVA Cross-link (UFF)

**INTERIOR USE**

**REFERENCE:** FPC-5/FPC-7 (AWI/ANMAC)

**WARRANTY:** LIFETIME

### OPTIONS

| 20 minute fire rating, specify 8620-MO or 8620-ME or 8620-VE

| Wood veneer glued to veneer plywood (3 ply plywood)

| \* To get M.R. 6, specify agrifibre core (8620-MO-AF • 8620-ME-AF • 8620-VE-AF)

| \*\* To get M.R. 7, specify agrifibre core (8620-MO-AF • 8620-ME-AF • 8620-VE-AF) and FSC wood veneer faces

| \*\*\* To get I.E.Q. 4, 4, specify agrifibre core (8620-MO-AF • 8620-ME-AF • 8620-VE-AF) and UFF wood veneer faces

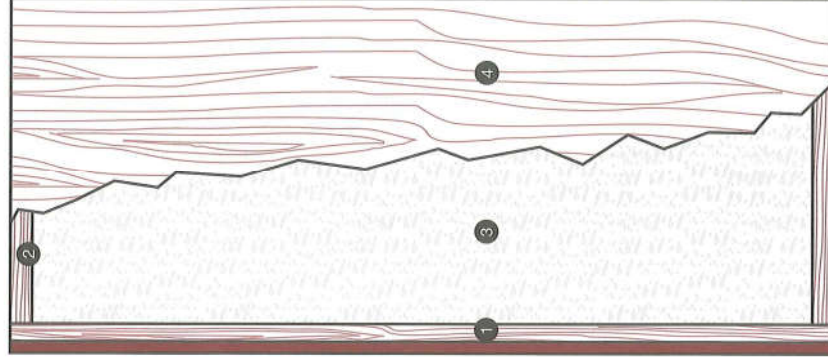
### NOTE

| Dimensions are nominal before trimming.

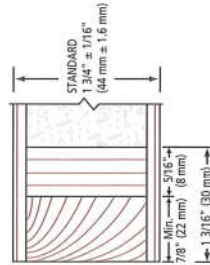
**LEED**  
ELIGIBLE  
CREDITS

M.R.	I.E.Q.
4.1	4.4 (UFF)
4.2	4.4 (UFF)
5.1	4.4 (UFF)
5.2	4.4 (UFF)
6	4.4 (UFF)
7	4.4 (UFF)

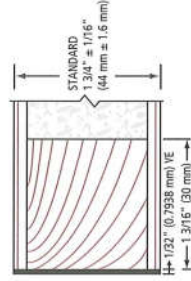
Standards meet or exceed:  
AWI/ANMAC section 1300.2.0 2005,  
W.D.M.A. 1.S.1.A-04 and CSA 0132.2 90



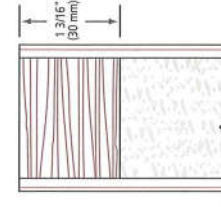
### ① STILES MO/ME



### ① STILES VE



### ② RAILS



**Baillargeon**  
Wood Door Manufacturer

TOLL FREE: 1 800 804-5666

www.baillargeondoors.com

IN-1

The Meridian Community Building Rebuild  
3 Meridian Place, Ottawa  
Job No. 19-356

Submission Date: July 23, 2019