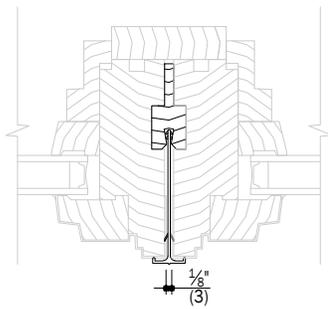


400 Series

Contemporary Casement and Awning Joins

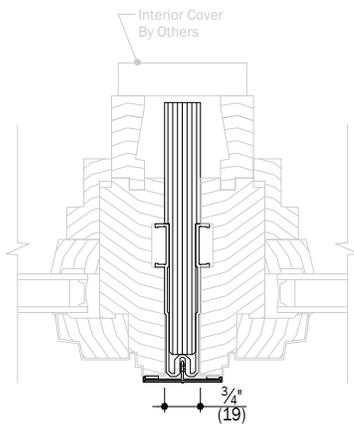
Non-Reinforced Join



Vertical Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	A/4					
Casement		B/4				
Casement Stat.		C/4	G/4			
Awning		D/4	H/4	L/4		
Awning Stat.		E/4	J/4	M/4	P/4	
Picture		F/4	K/4	N/4	Q/4	A/4

Horizontal Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	R/4					
Casement		S/4	C/5	G/5	M/5	S/4
Casement Stat.		T/4	D/5	H/5	N/5	T/4
Awning		U/4	A/5	E/5	J/5	P/5
Awning Stat.		V/4	B/5	F/5	K/5	Q/5
Picture		R/4		L/5	R/5	R/4

4-9/16" LVL Reinforced Join



Vertical Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	S/5					
Casement		T/5				
Casement Stat.		U/5	C/6			
Awning		V/5	D/6	G/6		
Awning Stat.		A/6	E/6	H/6	K/6	
Picture		B/6	F/6	J/6	L/6	S/5

Horizontal Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	M/6					
Casement		N/6	U/6	C/7	H/7	N/6
Casement Stat.		P/6	V/6	D/7	J/7	P/6
Awning		Q/6	S/6	A/7	E/7	K/7
Awning Stat.		R/6	T/6	B/7	F/7	L/7
Picture		M/6		G/7	M/7	M/6

Notes:

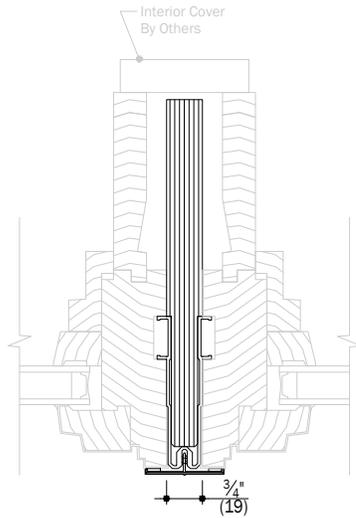
Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Date: 04/03/19
Scale: None

400 Series

Contemporary Casement and Awning Joins

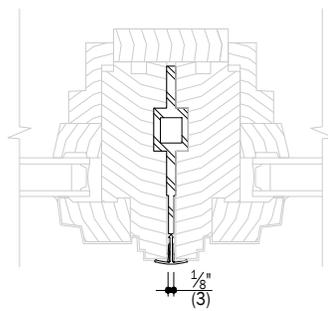
6-9/16" LVL Reinforced Join



Vertical Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	N/7					
Casement		P/7				
Casement Stat.		Q/7	U/7			
Awning		R/7	V/7	C/8		
Awning Stat.		S/7	A/8	D/8	F/8	
Picture		T/7	B/8	E/8	G/8	N/7

Horizontal Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	H/8					
Casement	J/8		Q/8	U/8	D/9	J/8
Casement Stat.	K/8		R/8	V/8	E/9	K/8
Awning	L/8	N/8	S/8	A/9	F/9	L/8
Awning Stat.	M/8	P/8	T/8	B/9	G/9	M/8
Picture	H/8			C/9	H/9	H/8

Aluminum Reinforced Join



Vertical Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	J/9					
Casement		K/9				
Casement Stat.		L/9	Q/9			
Awning		M/9	R/9	U/9		
Awning Stat.		N/9	S/9	V/9	B/10	
Picture		P/9	T/9	A/10	C/10	J/9

Horizontal Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	D/10					
Casement	E/10		L/10	Q/10	V/10	E/10
Casement Stat.	F/10		M/10	R/10	A/11	F/10
Awning	G/10	J/10	N/10	S/10	B/11	G/10
Awning Stat.	H/10	K/10	P/10	T/10	C/11	H/10
Picture	D/10			U/10	D/11	D/10

Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

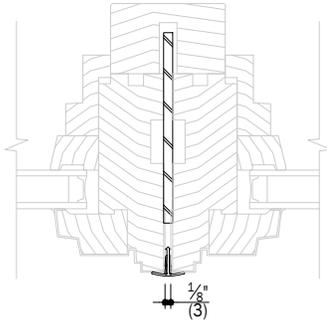
Date: 04/03/19
Scale: None

400 Series



Contemporary Casement and Awning Joins

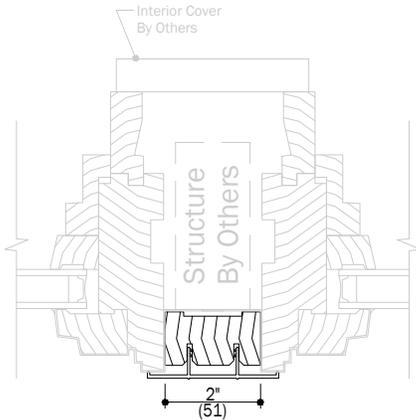
Steel Reinforced Join



Vertical Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	E/11					
Casement		F/11				
Casement Stat.		G/11	L/11			
Awning		H/11	M/11	Q/11		
Awning Stat.		J/11	N/11	R/11	T/11	
Picture		K/11	P/11	S/11	U/11	E/11

Horizontal Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	V/11					
Casement	A/12		G/12	L/12	R/12	A/12
Casement Stat.	B/12		H/12	M/12	S/12	B/12
Awning	C/12	E/12	J/12	N/12	T/12	C/12
Awning Stat.	D/12	F/12	K/12	P/12	U/12	D/12
Picture	V/11			Q/12	V/12	V/11

2" Mull Cover



Vertical Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	A/13					
Casement		B/13				
Casement Stat.		C/13	G/13			
Awning		D/13	H/13	L/13		
Awning Stat.		E/13	J/13	M/13	P/13	
Picture		F/13	K/13	N/13	Q/13	A/13

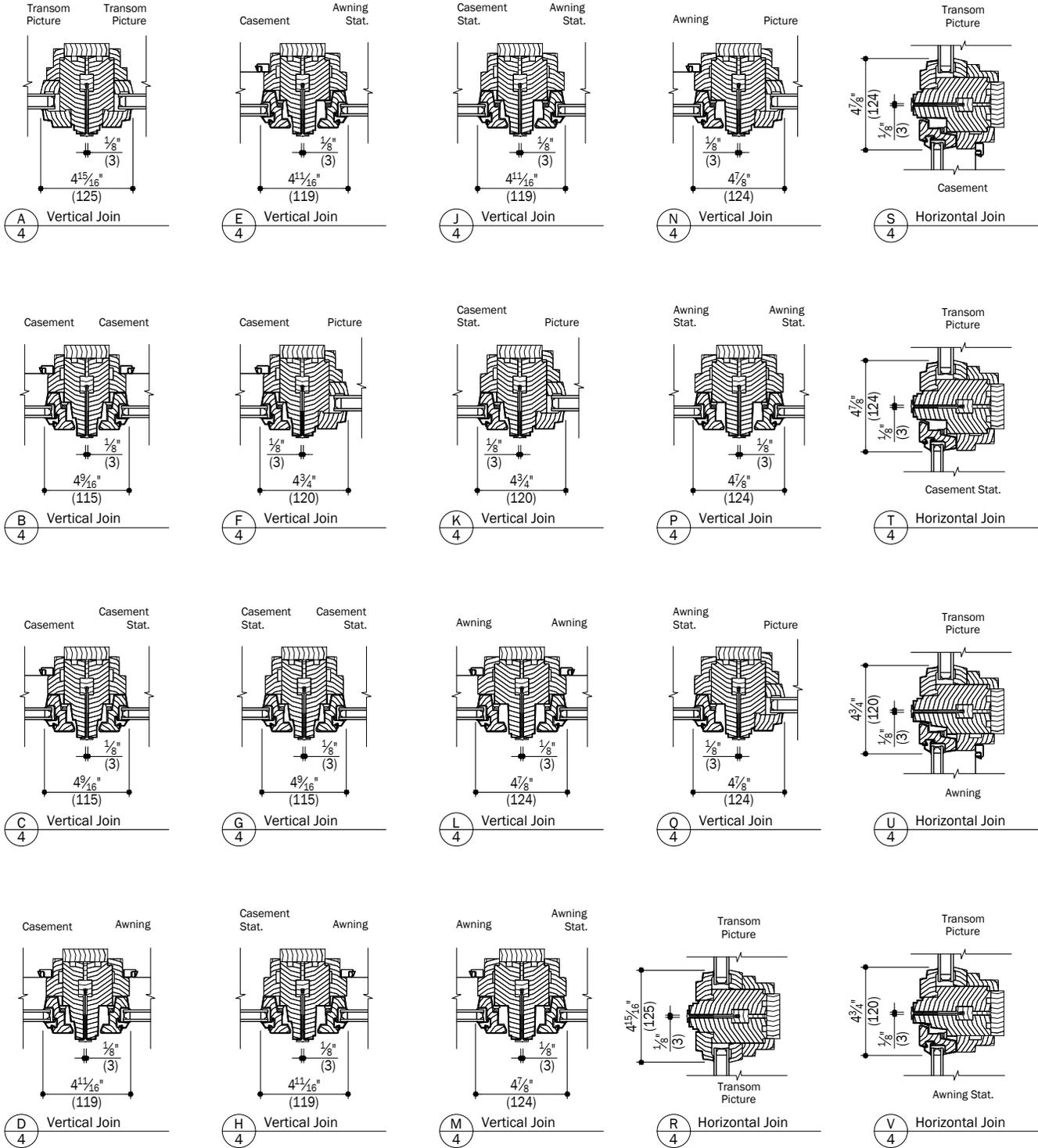
Horizontal Join Section Detail Lookup Chart						
	Transom	Casement	Casement Stat.	Awning	Awning Stat.	Picture
Transom	R/13					
Casement	A/14		G/14	L/14	R/14	A/14
Casement Stat.	B/14		H/14	M/14	A/15	B/14
Awning	C/14	E/14	J/14	N/14	B/15	C/14
Awning Stat.	D/14	F/14	K/14	P/14	C/15	D/14
Picture	R/13			Q/14	D/15	R/13

Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Date: 04/03/19
Scale: None

Contemporary Casement and Awning Joins

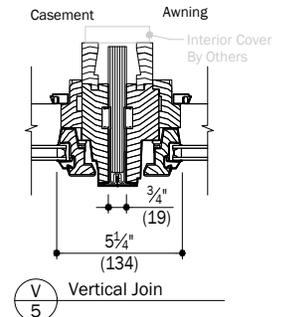
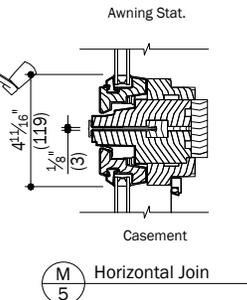
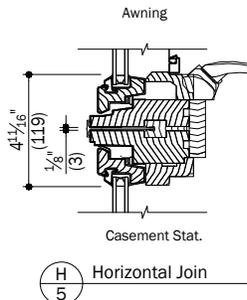
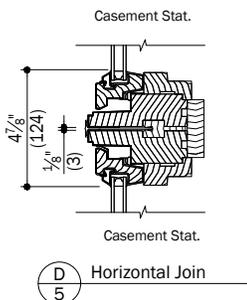
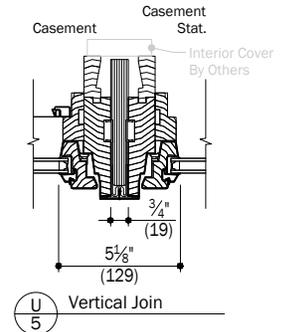
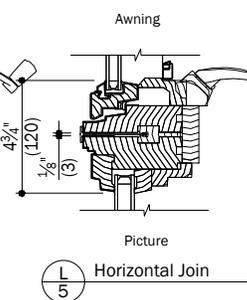
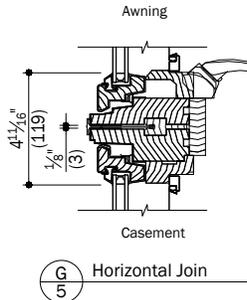
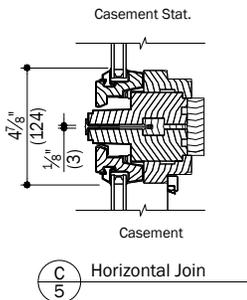
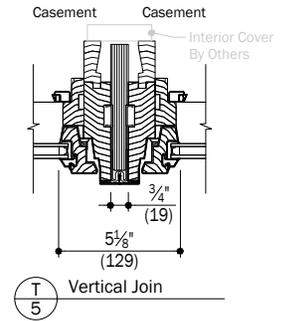
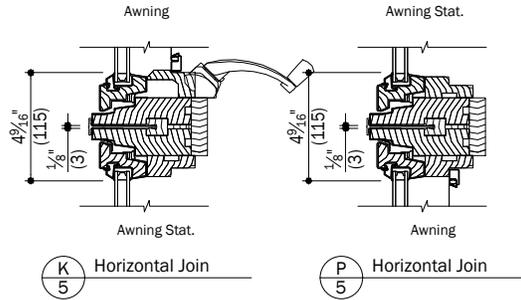
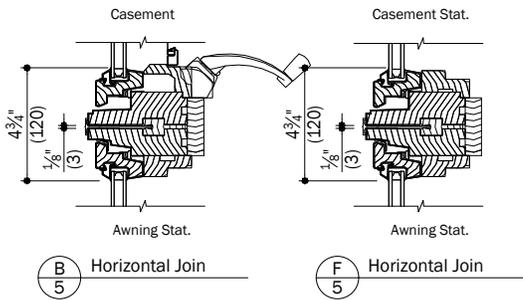
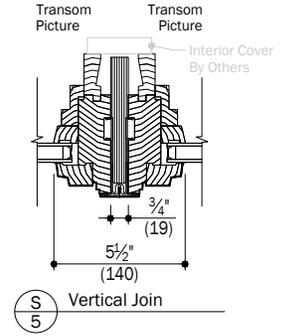
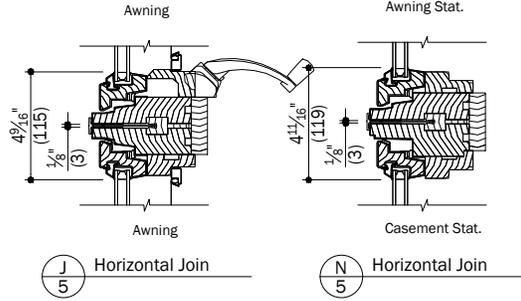
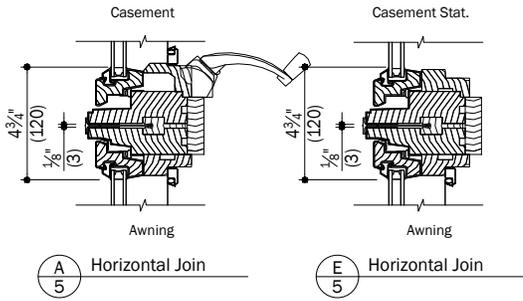


Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Date: 04/03/19
Scale: 1 1/2" (38) = 1' (305)

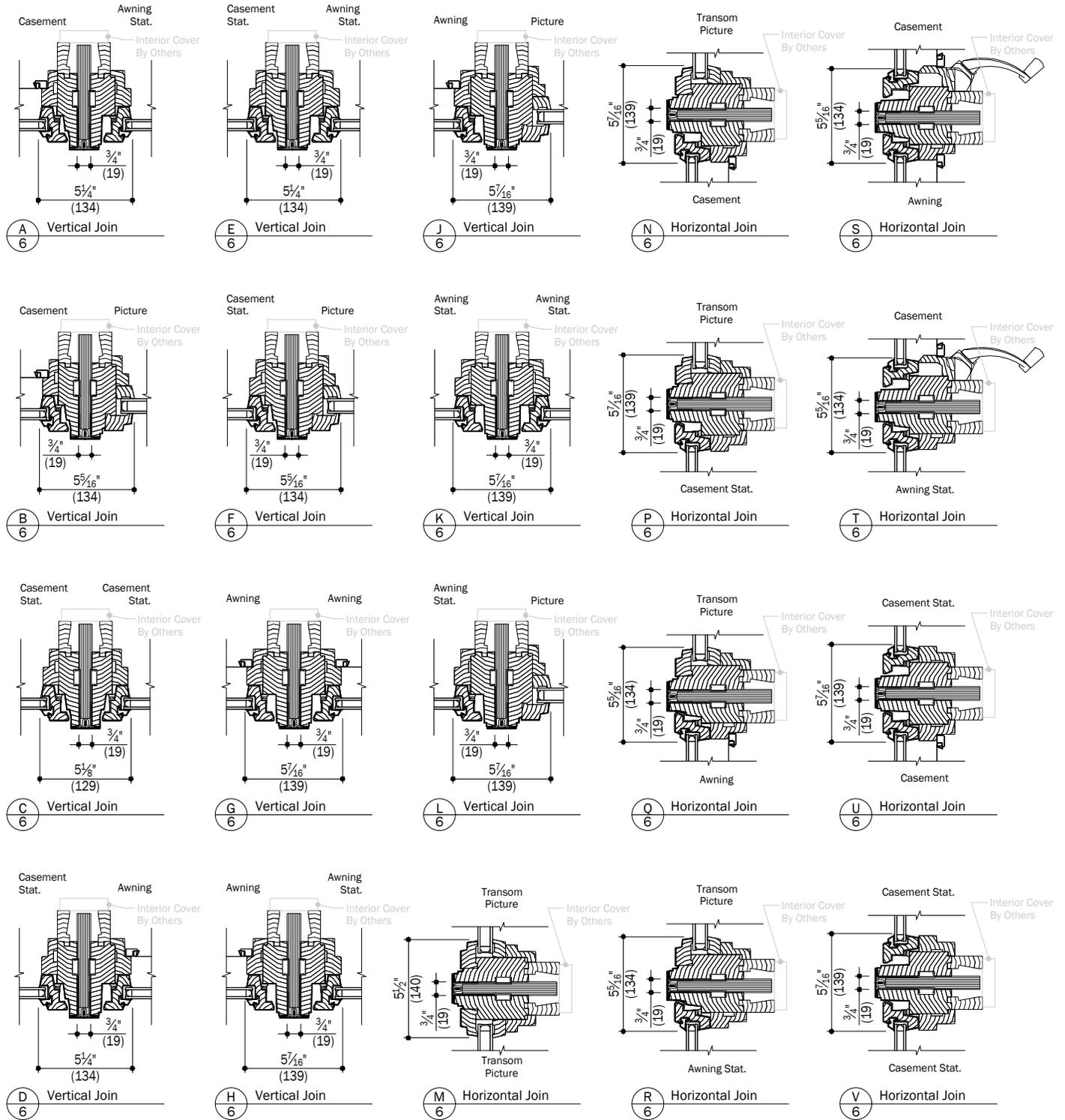
Contemporary Casement and Awning Joins



Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Contemporary Casement and Awning Joins

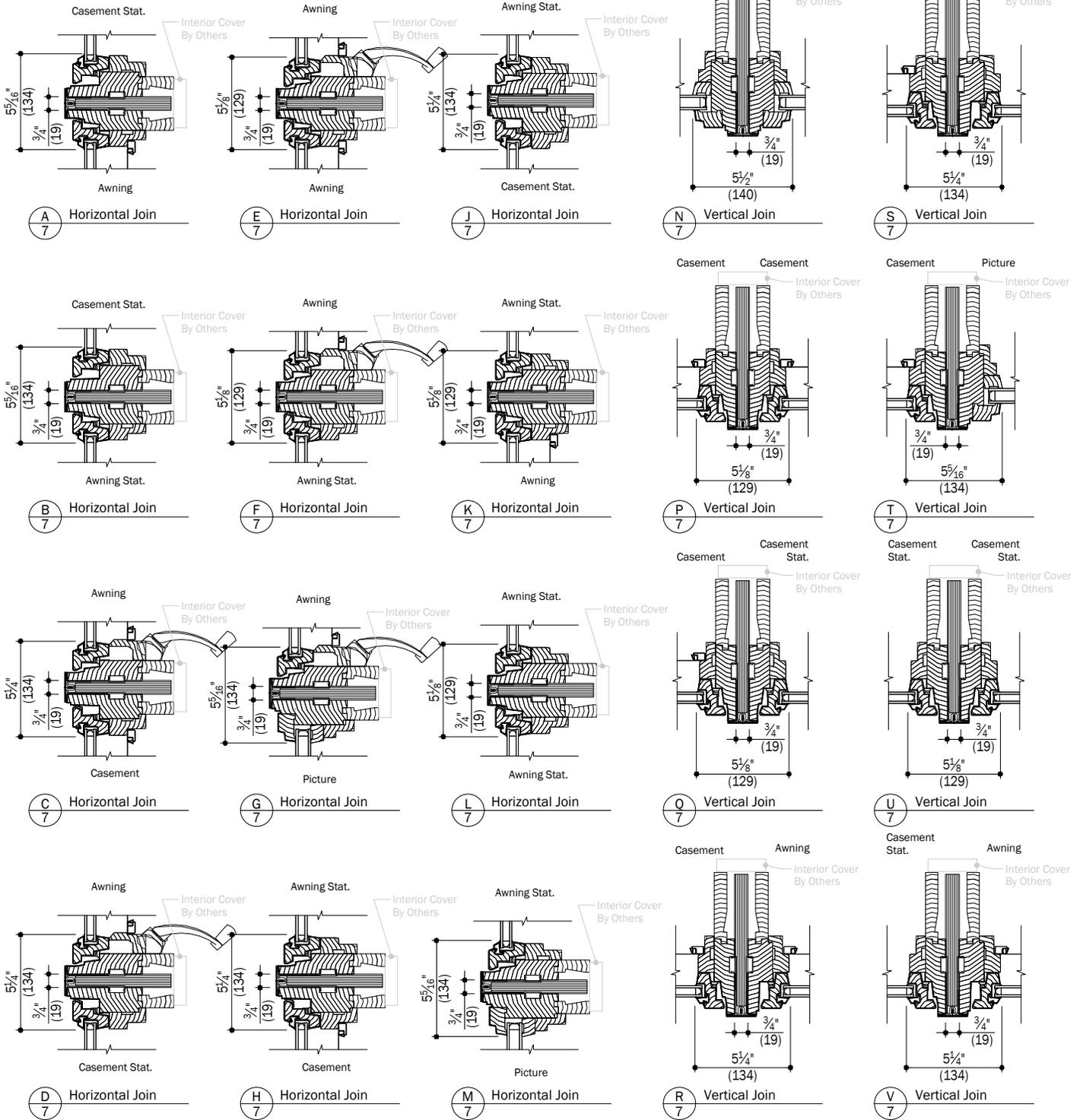


Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Date: 04/03/19
Scale: 1 1/2" (38) = 1' (305)

Contemporary Casement and Awning Joins

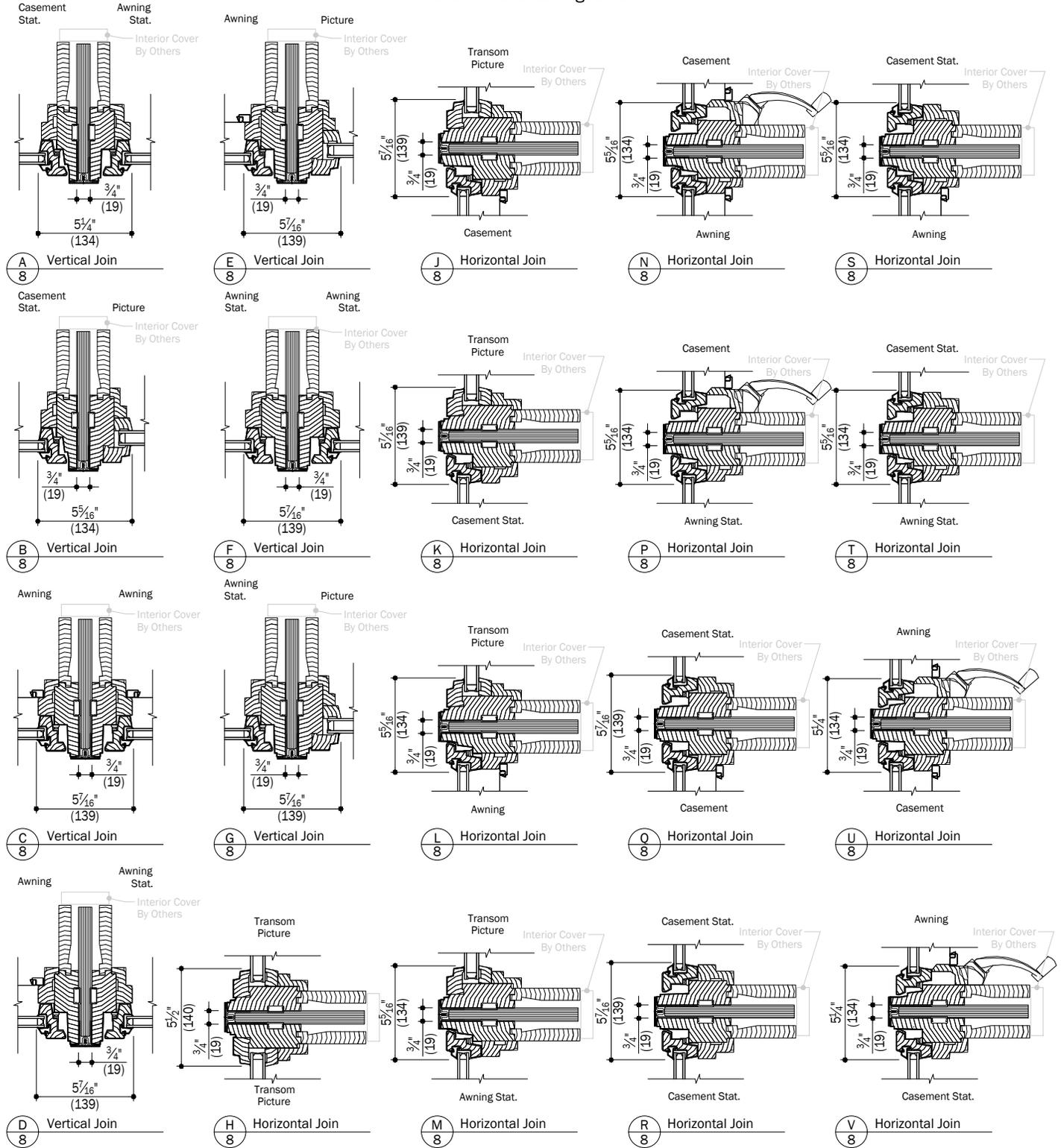


Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Date: 04/03/19
Scale: 1 1/2" (38) = 1' (305)

Contemporary Casement and Awning Joins

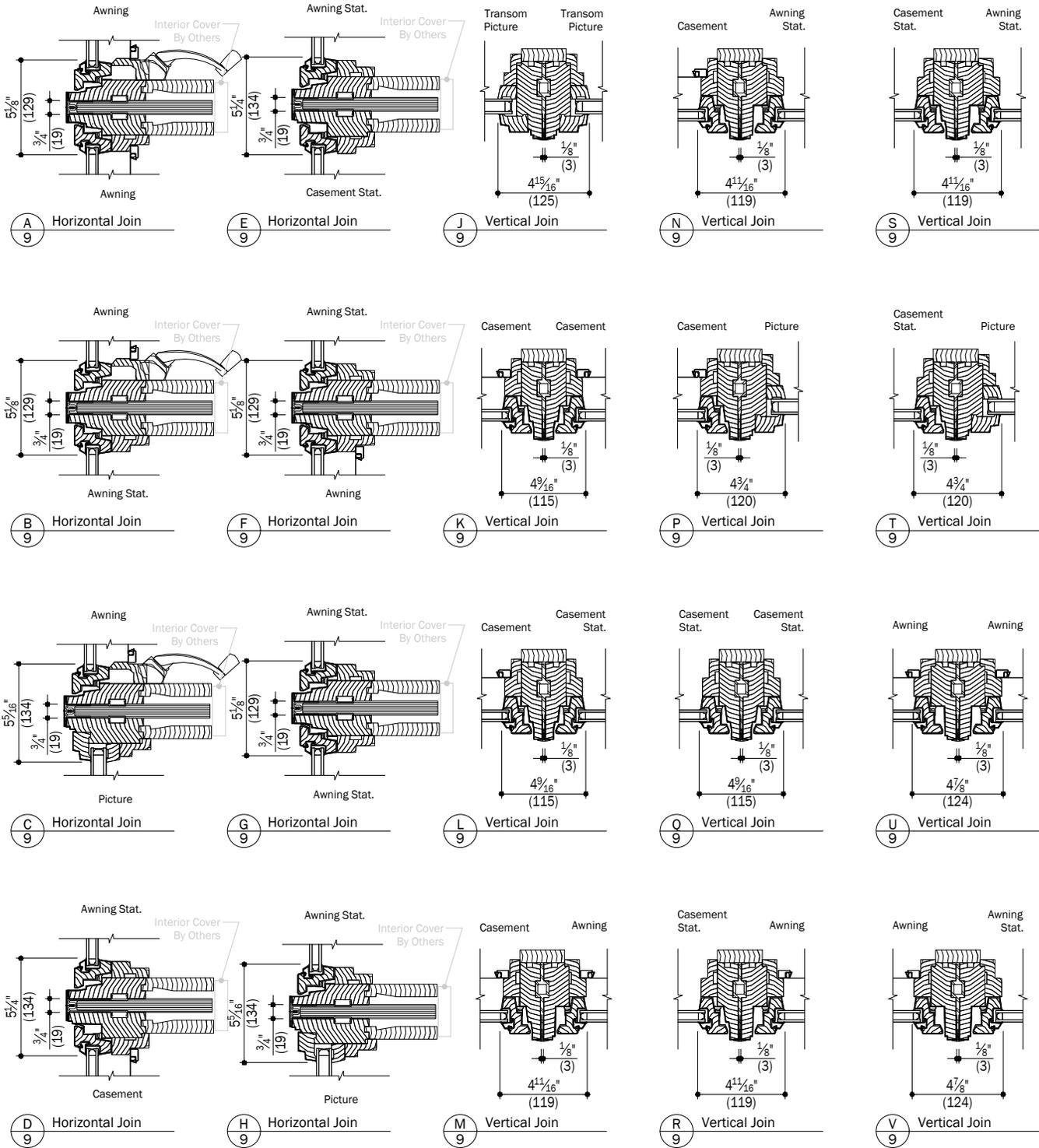


Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Date: 04/03/19
 Scale: 1 1/2" (38) = 1' (305)

Contemporary Casement and Awning Joins

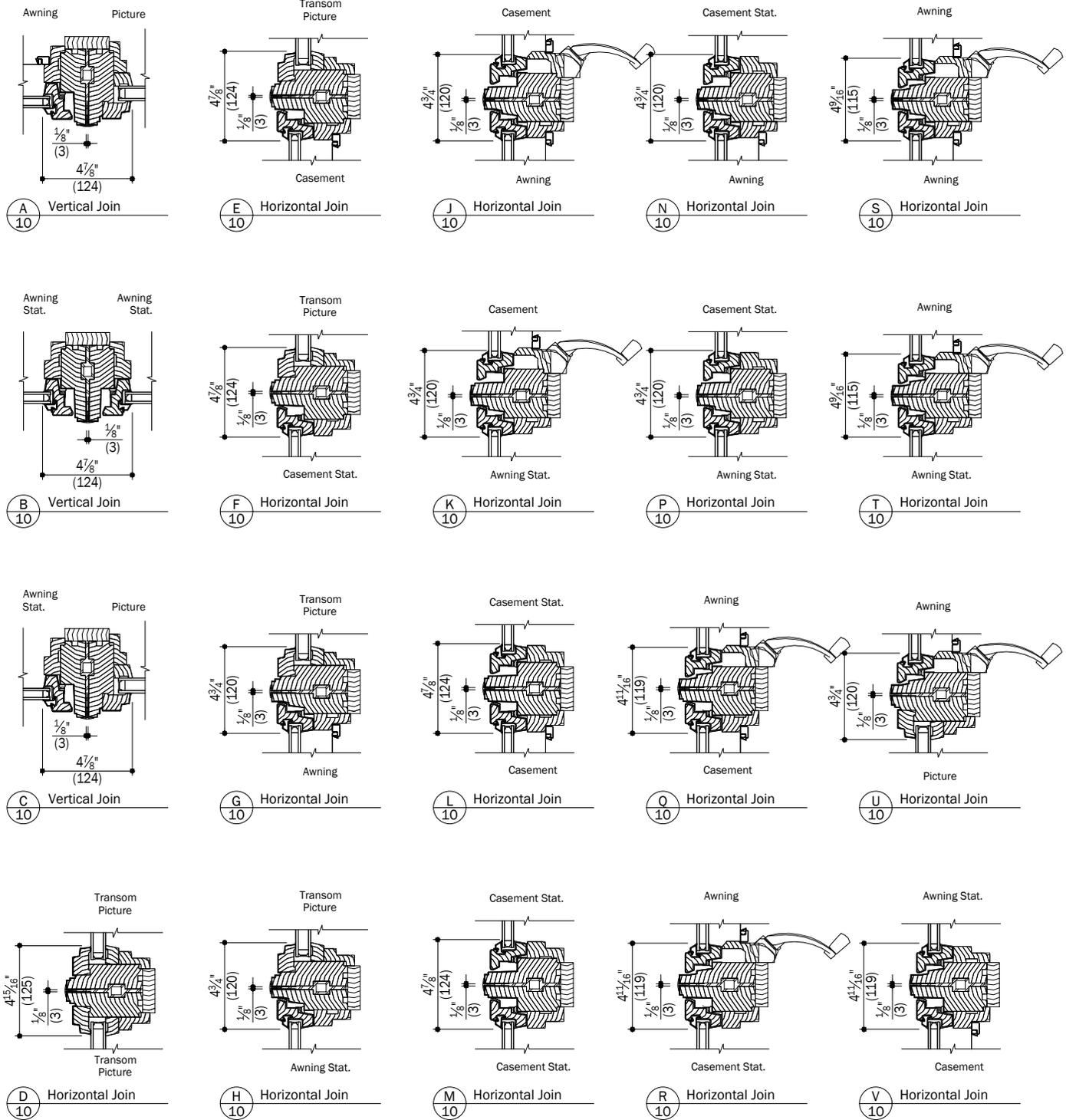


Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Date: 04/03/19
Scale: 1 1/2" (38) = 1' (305)

Contemporary Casement and Awning Joins

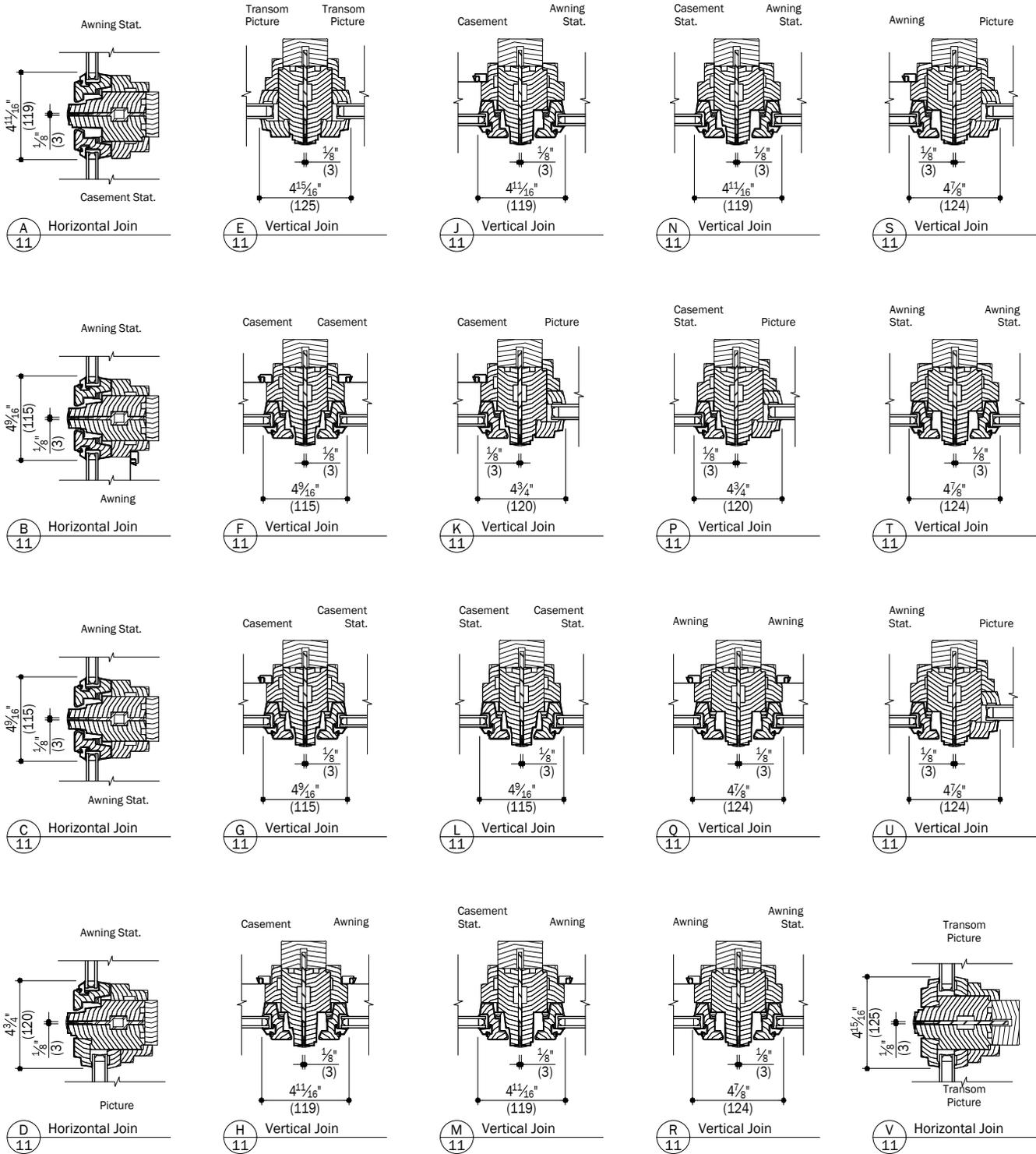


Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Date: 04/03/19
 Scale: 1 1/2" (38) = 1' (305)

Contemporary Casement and Awning Joins

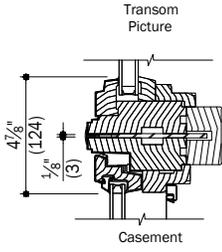


Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

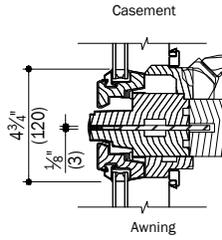
Date: 04/03/19
Scale: 1 1/2" (38) = 1' (305)

Contemporary Casement and Awning Joins



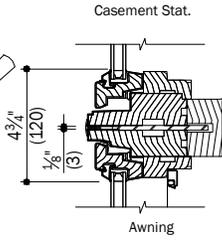
A
 12

Horizontal Join



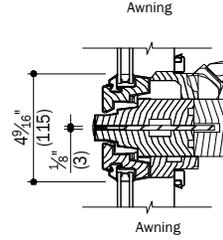
E
 12

Horizontal Join



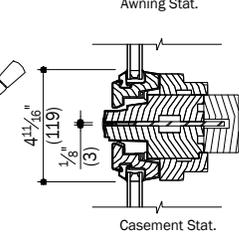
J
 12

Horizontal Join



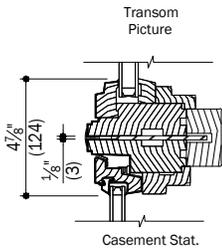
N
 12

Horizontal Join



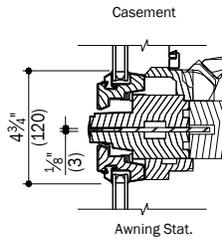
S
 12

Horizontal Join



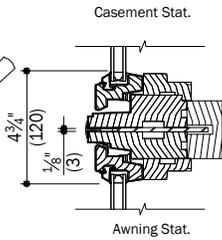
B
 12

Horizontal Join



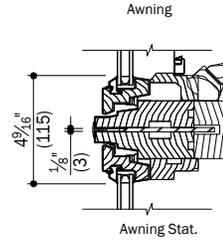
F
 12

Horizontal Join



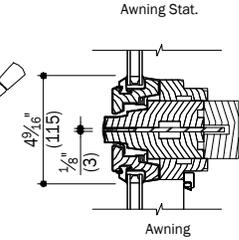
K
 12

Horizontal Join



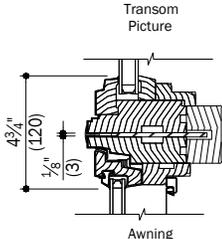
P
 12

Horizontal Join



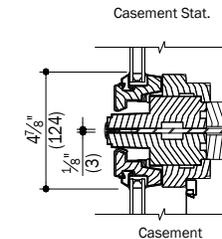
T
 12

Horizontal Join



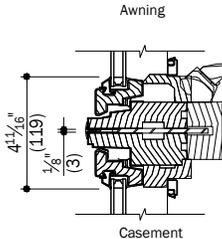
C
 12

Horizontal Join



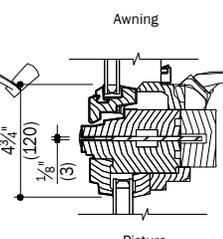
G
 12

Horizontal Join



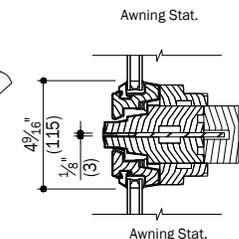
L
 12

Horizontal Join



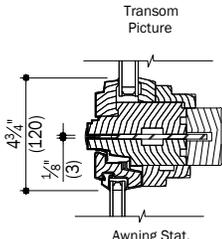
O
 12

Horizontal Join



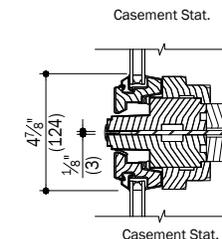
U
 12

Horizontal Join



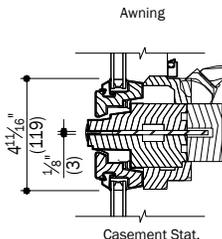
D
 12

Horizontal Join



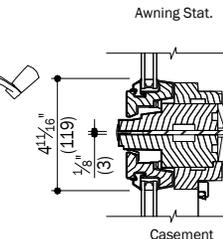
H
 12

Horizontal Join



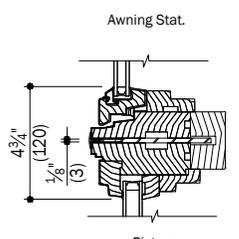
M
 12

Horizontal Join



R
 12

Horizontal Join



V
 12

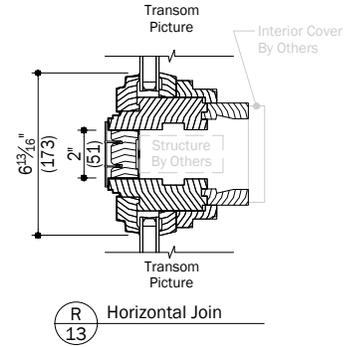
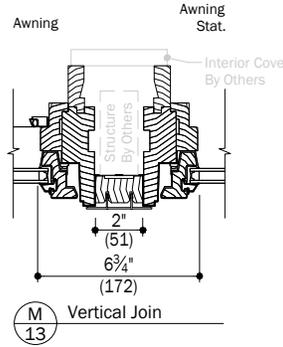
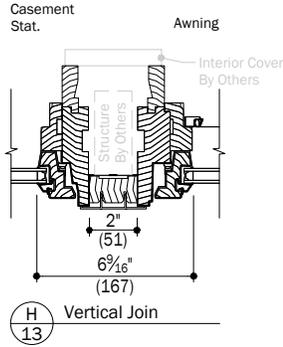
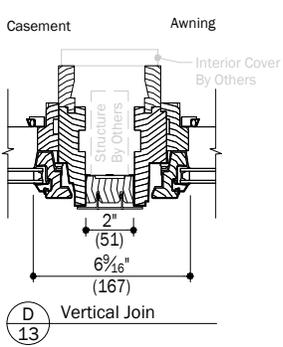
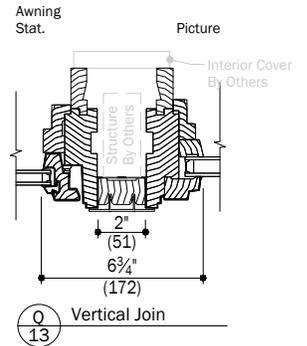
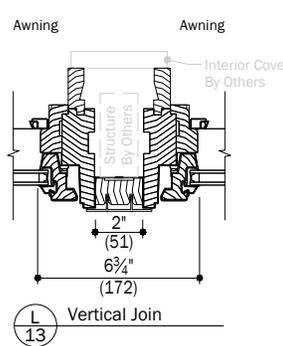
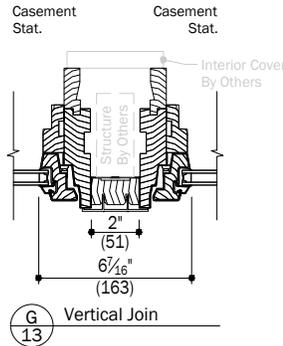
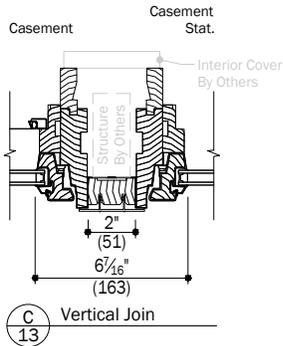
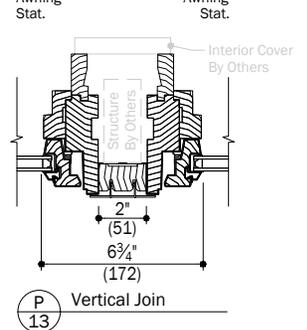
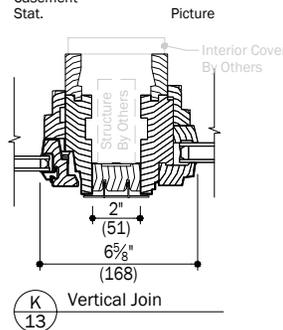
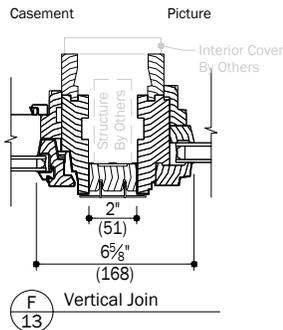
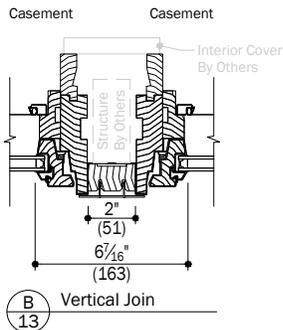
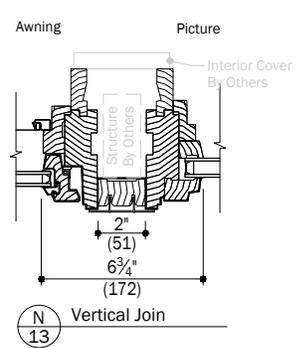
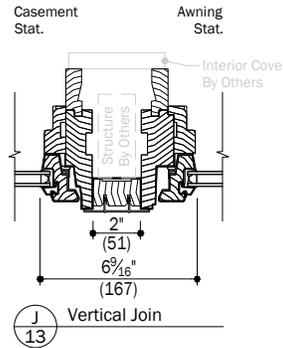
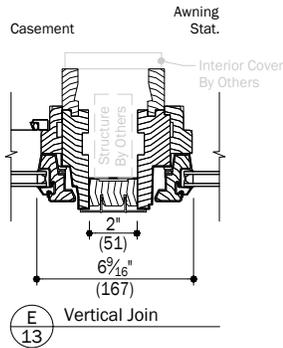
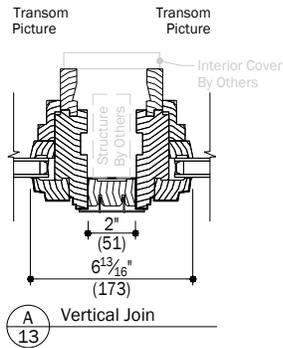
Horizontal Join

Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications.
 Dimensions in parentheses are in millimeters.

Date: 04/03/19
 Scale: 1 1/2" (38) = 1' (305)

Contemporary Casement and Awning Joins



Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Date: 04/03/19
Scale: 1 1/2" (38) = 1' (305)

Contemporary Casement and Awning Joins



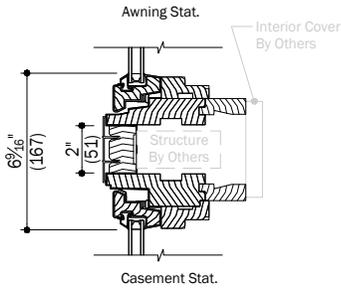
Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

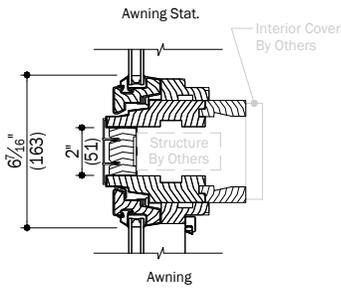
Date: 04/03/19
Scale: 1 1/2" (38) = 1' (305)

400 Series

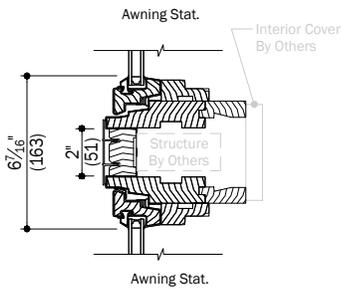
Contemporary Casement and Awning Joins



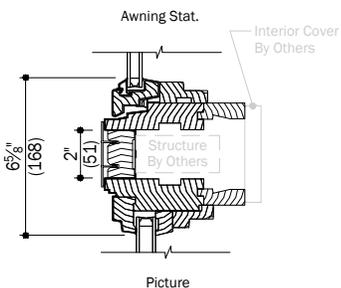
A Horizontal Join
15



B Horizontal Join
15



C Horizontal Join
15



D Horizontal Join
15

Notes:

Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Date: 04/03/19
Scale: 1 1/2" (38) = 1' (305)