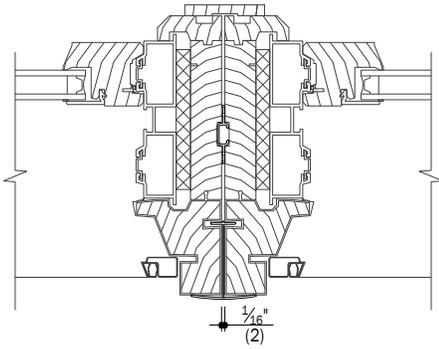


# 400 Series

## Tilt-Wash Double-Hung Full-Frame Joins

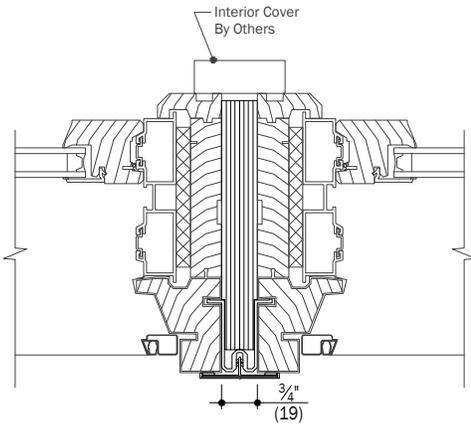
### Non-Reinforced Join



Vertical Section Detail Lookup Chart	Tilt-Wash Double-Hung		
	TW Double-Hung	TW Transom	TW Picture
TW Double-Hung	A/3		
TW Transom		C/3	
TW Picture	B/3		D/3

Horizontal Section Detail Lookup Chart	Tilt-Wash Double-Hung	
	TW Double-Hung	TW Transom
TW Double-Hung	E/3	
TW Transom		F/3
TW Picture		G/3

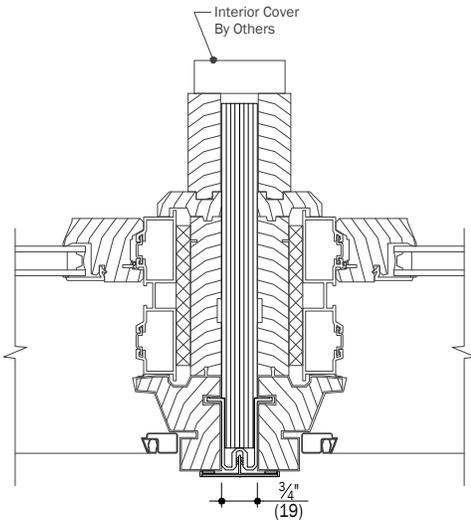
### 4-9/16" LVL Reinforced Join



Vertical Section Detail Lookup Chart	Tilt-Wash Double-Hung		
	TW Double-Hung	TW Transom	TW Picture
TW Double-Hung	H/3		
TW Transom		K/3	
TW Picture	J/3		L/3

Horizontal Section Detail Lookup Chart	Tilt-Wash Double-Hung	
	TW Double-Hung	TW Transom
TW Double-Hung	M/3	
TW Transom		N/3
TW Picture		P/3

### 6-9/16" LVL Reinforced Join



Vertical Section Detail Lookup Chart	Tilt-Wash Double-Hung		
	TW Double-Hung	TW Transom	TW Picture
TW Double-Hung	Q/3		
TW Transom		A/4	
TW Picture	R/3		B/4

Horizontal Section Detail Lookup Chart	Tilt-Wash Double-Hung	
	TW Double-Hung	TW Transom
TW Double-Hung	C/4	
TW Transom		D/4
TW Picture		E/4

#### Notes:

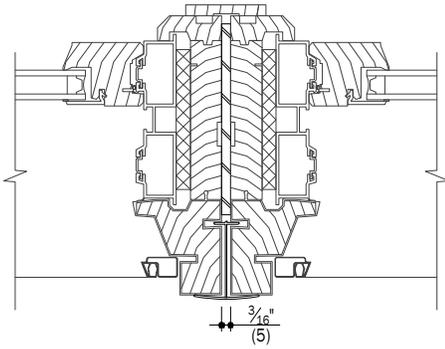
Details have been optimized for use in architectural software and do not match manufacturing specifications. Dimensions in parentheses are in millimeters.

Date: 12/08/17  
Scale: None

# 400 Series

## Tilt-Wash Double-Hung Full-Frame Joins

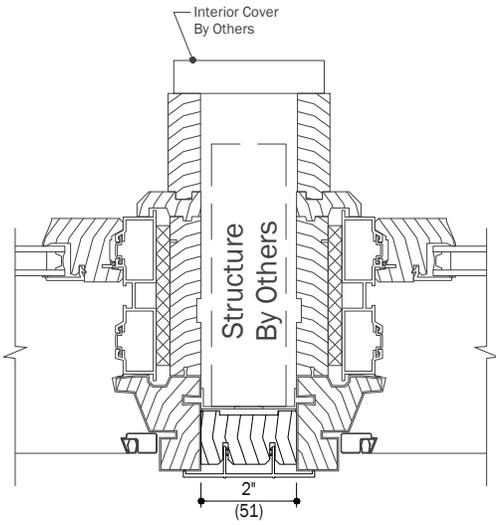
### Steel Reinforced Join



Vertical Section Detail Lookup Chart	Tilt-Wash Double-Hung		
	TW Double-Hung	TW Transom	TW Picture
TW Double-Hung	F/4		
TW Transom		H/4	
TW Picture	G/4		J/4

Horizontal Section Detail Lookup Chart	TW Transom
	TW Double-Hung
TW Transom	L/4
TW Picture	M/4

### 2" Mull Cover



Vertical Section Detail Lookup Chart	Tilt-Wash Double-Hung		
	TW Double-Hung	TW Transom	TW Picture
TW Double-Hung	N/4		
TW Transom		Q/4	
TW Picture	P/4		R/4

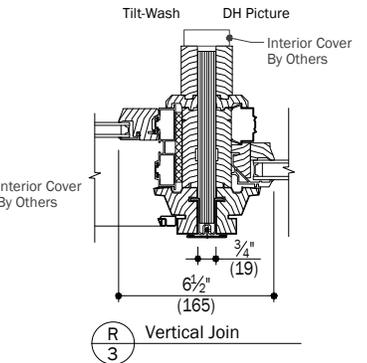
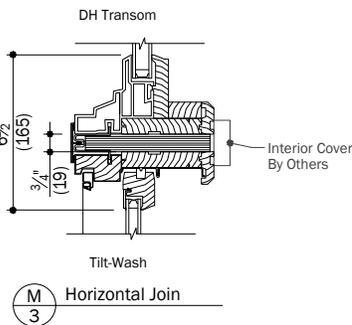
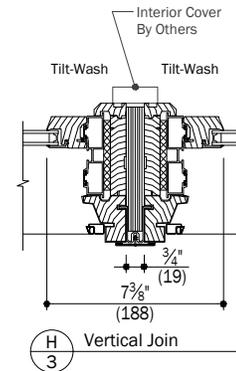
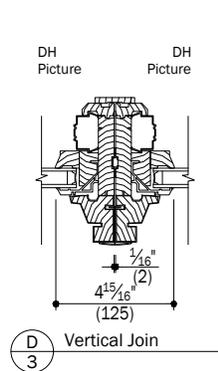
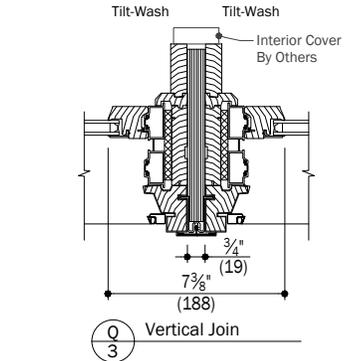
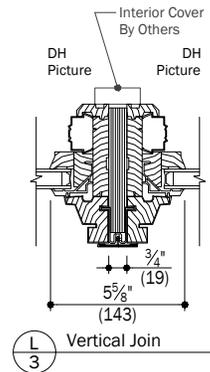
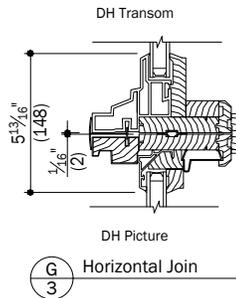
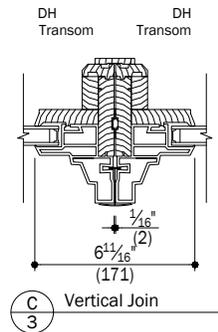
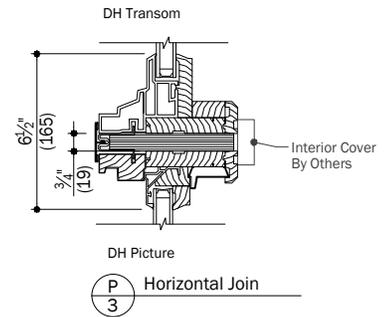
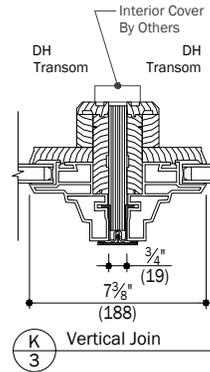
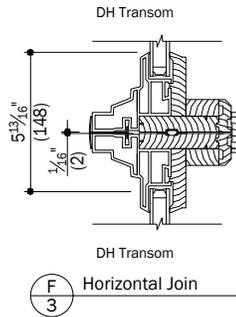
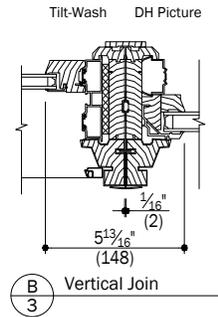
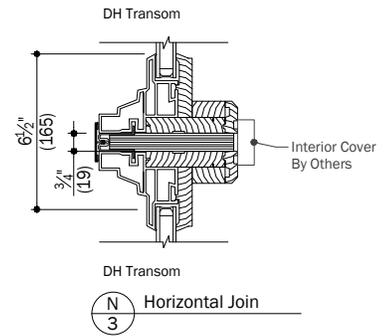
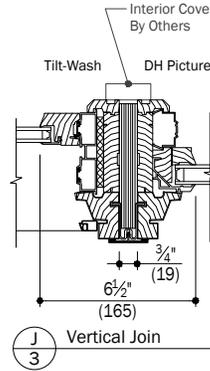
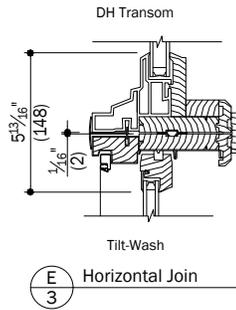
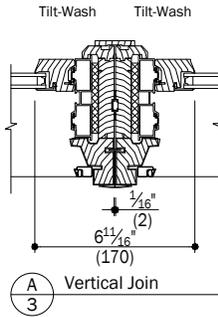
Horizontal Section Detail Lookup Chart	TW Transom
	TW Double-Hung
TW Transom	B/5
TW Picture	C/5

#### Notes:

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

Date: 12/08/17  
Scale: None

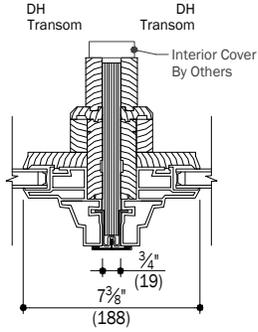
## Tilt-Wash Double-Hung Full-Frame Joins



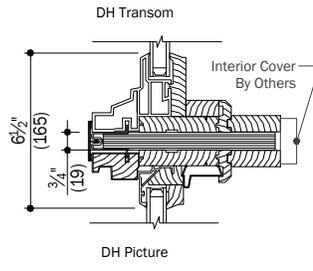
### Notes:

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

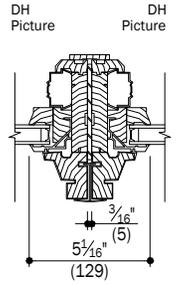
## Tilt-Wash Double-Hung Full-Frame Joins



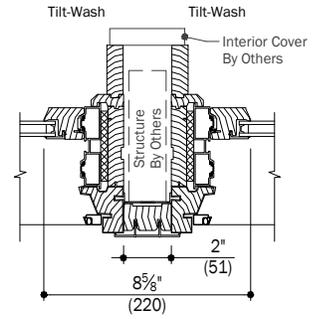
**A** Vertical Join  
4



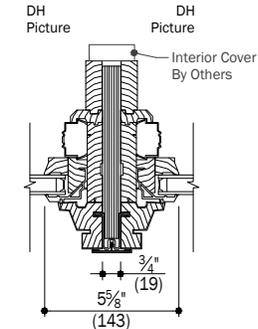
**E** Horizontal Join  
4



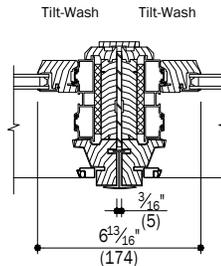
**J** Vertical Join  
4



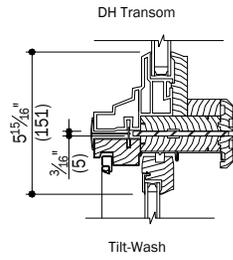
**N** Vertical Join  
4



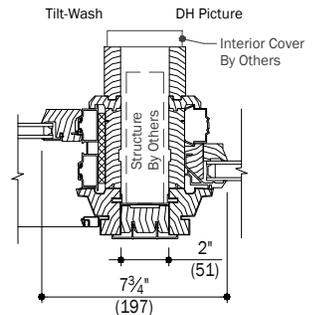
**B** Vertical Join  
4



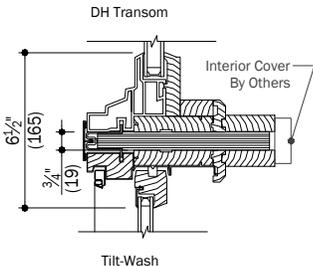
**F** Vertical Join  
4



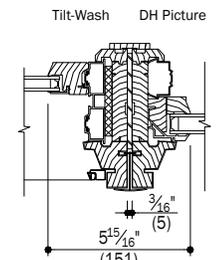
**K** Horizontal Join  
4



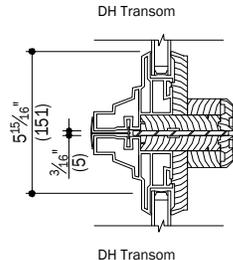
**P** Vertical Join  
4



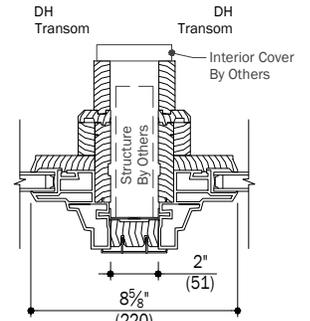
**C** Horizontal Join  
4



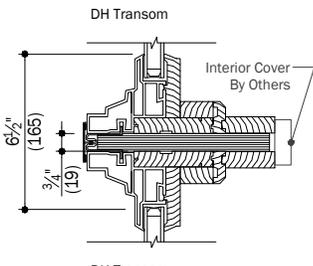
**G** Vertical Join  
4



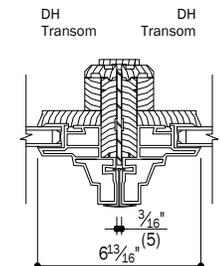
**L** Horizontal Join  
4



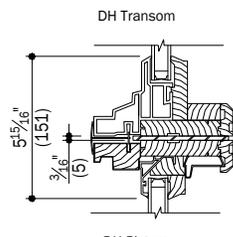
**Q** Vertical Join  
4



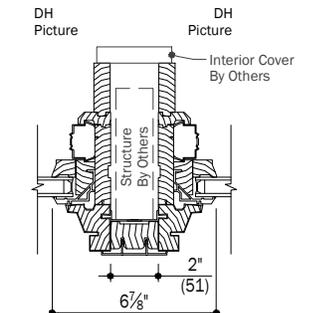
**D** Horizontal Join  
4



**H** Vertical Join  
4



**M** Horizontal Join  
4



**R** Vertical Join  
4

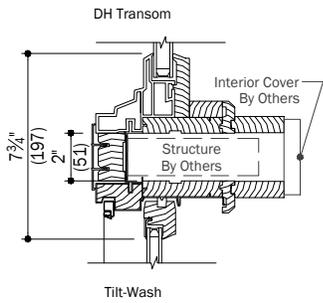
### Notes:

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

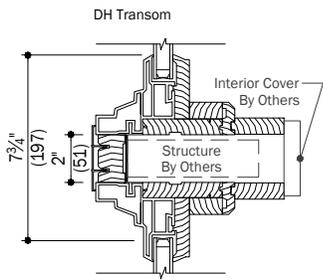
Date: 12/08/17  
Scale: 1 1/2" (38) = 1' (305)

# 400 Series

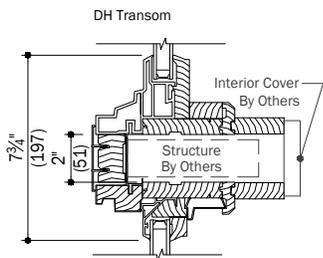
## Tilt-Wash Double-Hung Full-Frame Joins



**A**  
5 Horizontal Join



**B**  
5 Horizontal Join



**C**  
5 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: 12/08/17  
Scale: 1 1/2" (38) = 1' (305)