



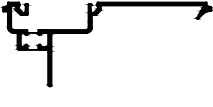
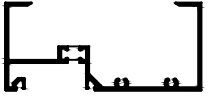
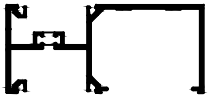
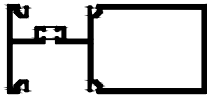
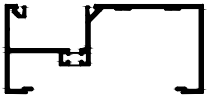
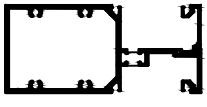
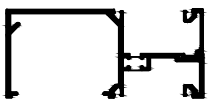


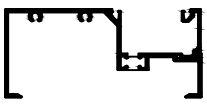
CASCADE ALUMINUM, INC.

ENTRANCES, EXTRUSIONS & ANODIZING

SERIES # 450-T0S 2" x 4 1/2" OFFSET GLAZE THERMALLY BROKEN

1" INSULATED GLASS SYSTEM FOR INTERIOR AND EXTERIOR GLAZING

QUARTER SIZE DETAILS

 <p>(DETAIL # 1)</p> <p>TWO PIECE COMPENSATION CHANNEL WITH GASKET</p> <p>PART# TCC450/ST</p>	 <p>(DETAIL # 2)</p> <p>COMPENSATION CHANNEL OR HEAD CAN</p> <p>PART# THC450</p>	 <p>(DETAIL # 3)</p> <p>HEAD CAN INSERT</p> <p>PART# TOHI450</p>	 <p>(DETAIL # 4)</p> <p>HEAD WITH SPLINE</p> <p>PART# TOSH450</p>
<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>
 <p>(DETAIL # 5)</p> <p>VERTICAL</p> <p>PART# TOV452</p>	 <p>(DETAIL # 6)</p> <p>VERTICAL</p> <p>PART# TOV450</p>	 <p>(DETAIL # 7)</p> <p>WALL JAMB</p> <p>PART# TWJ450</p>	 <p>(DETAIL # 8)</p> <p>INTERMEDIATE HORIZONTAL WITH STOP</p> <p>PART# TOH450/ST</p>
<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>
 <p>(DETAIL # 9)</p> <p>INTERMEDIATE HORIZONTAL WITH STOP</p> <p>PART# TOHO450/ST</p>	 <p>(DETAIL # 10)</p> <p>GLASS STOP FOR TOH450, TSM450, TOHO450</p> <p>PART# OHS450</p>	 <p>(DETAIL # 11)</p> <p>INTERMEDIATE VERTICAL OR HORIZONTAL FILLER</p> <p>PART# OHF450</p>	 <p>(DETAIL # 12)</p> <p>SILL MEMBER WITH STOP</p> <p>PART# TSM450/ST</p>
<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>

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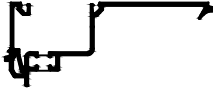



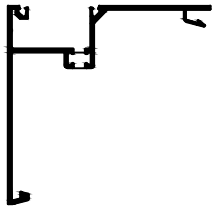
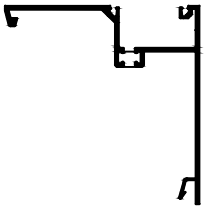



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1" INSULATED GLASS SYSTEM FOR INTERIOR AND EXTERIOR GLAZING

QUARTER SIZE DETAILS

 <p>(DETAIL # 13)</p> <p>SILL CAN</p> <p>PART# TSC450</p>	 <p>(DETAIL # 14)</p> <p>SILL CAN INSERT WITH STOP</p> <p>PART# TOSI450/ST</p>	 <p>(DETAIL # 15)</p> <p>ENCAPSULATED SILL FLASHING</p> <p>PART# TSF100</p>	 <p>(DETAIL # 16)</p> <p>REGLET FILLER</p> <p>PART# RF100</p>
<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>
 <p>(DETAIL # 17)</p> <p>EXPANSION MULLION OR SPECIAL CORNERS</p> <p>PART# TEOEM450</p>	 <p>(DETAIL # 18)</p> <p>90° OUTSIDE CORNER LEFT</p> <p>PART# T-90-OSL</p>	 <p>(DETAIL # 19)</p> <p>90° OUTSIDE CORNER RIGHT</p> <p>PART# T-90-OSR</p>	 <p>(DETAIL # 20)</p> <p>NON-THERMAL FLAT FILLER</p> <p>PART# FF200</p>
<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>	<p>MILL 24' 1" _____.00</p> <p>CLEAR 24' 1" _____.00</p> <p>BRONZE 24' 1" _____.00</p>
 <p>(DETAIL # 21)</p> <p>FLAT FILLER</p> <p>PART# TFF200</p>	 <p>(DETAIL # 22)</p> <p>CLIP JOINT FOR OHO450</p> <p>PART# OHO-CLIP</p>		
<p>MILL 24' 1" _____.00</p>	<p>MILL 24' 1" _____.00</p>		

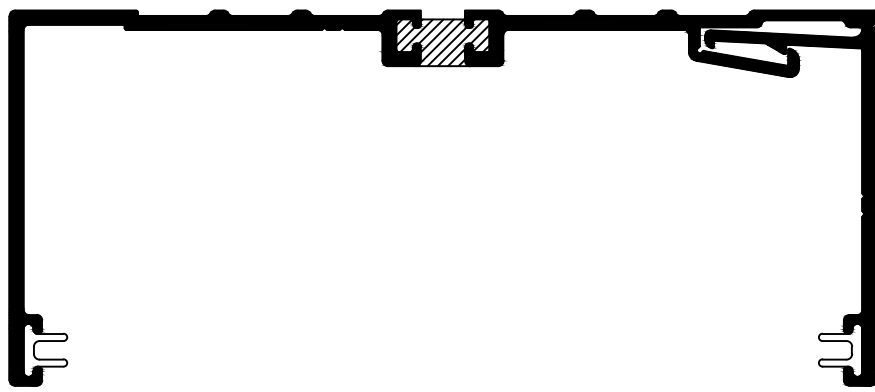

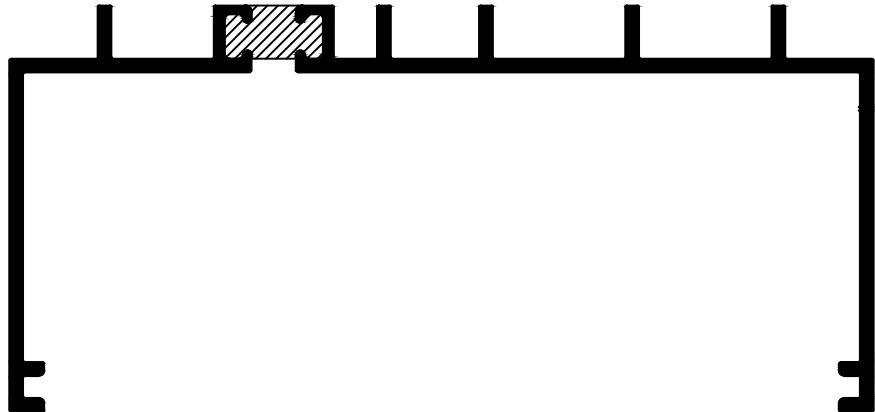

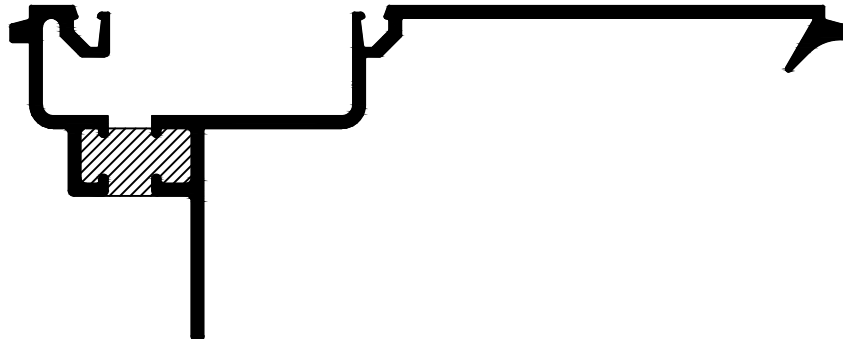
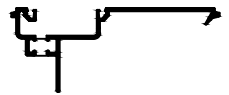
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FULL SIZE DETAILS	DETAIL NUMBER	QUARTER SIZE DETAILS
	1	 <p>(DETAIL # 1) TWO PIECE COMPENSATION CHANNEL INCLUDES GASKET</p> <p>PART# TCC450/ST</p> <p>AVAILABLE IN 24' 1" LENGTH</p>
	2	 <p>(DETAIL # 2) COMPENSATION CHANNEL OR HEAD CAN</p> <p>PART# THC450</p> <p>AVAILABLE IN 24' 1" LENGTH</p>
	3	 <p>(DETAIL # 3) HEAD CAN INSERT</p> <p>PART# TOHI450</p> <p>AVAILABLE IN 24' 1" LENGTH</p>

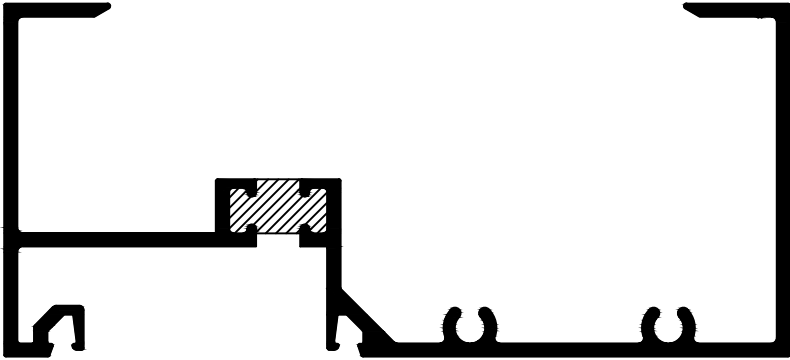
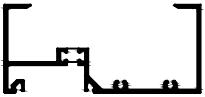
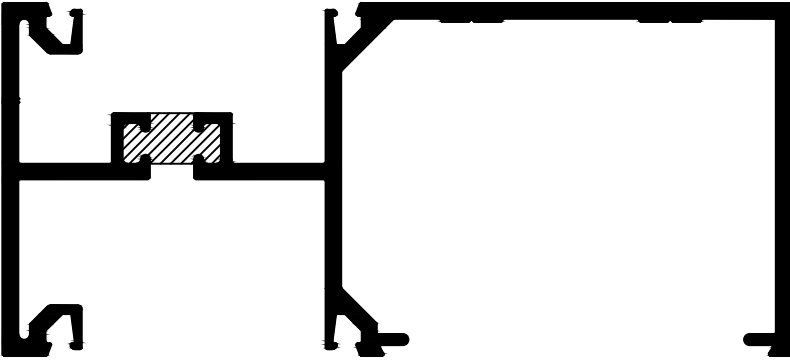
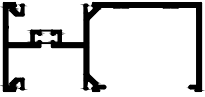
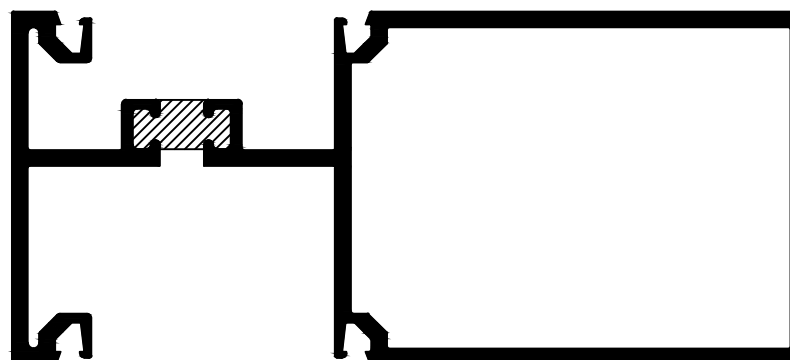
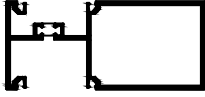
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FULL SIZE DETAILS	DETAIL NUMBER	QUARTER SIZE DETAILS
	4	 <p>(DETAIL # 4)</p> <p>HEAD WITH SPLINE</p> <p>PART# TOSH450</p> <p>AVAILABLE IN 24' 1" LENGTH</p>
	5	 <p>(DETAIL # 5)</p> <p>VERTICAL</p> <p>PART# TOV452</p> <p>AVAILABLE IN 24' 1" LENGTH</p>
	6	 <p>(DETAIL # 6)</p> <p>VERTICAL</p> <p>PART# TOV450</p> <p>AVAILABLE IN 24' 1" LENGTH</p>

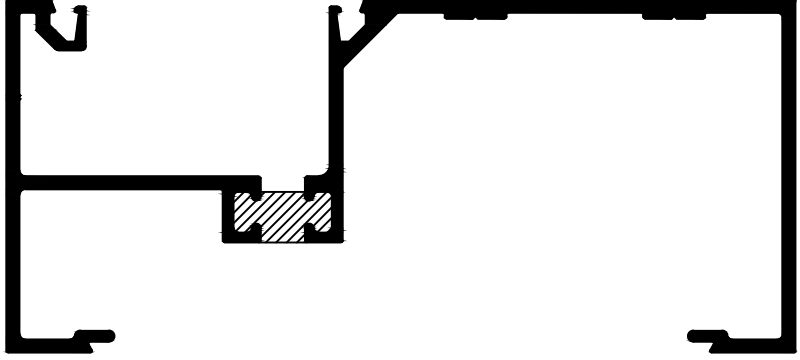
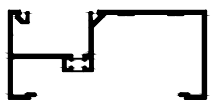
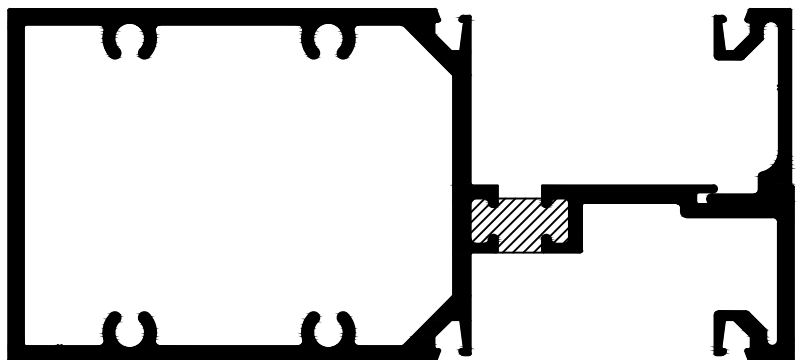
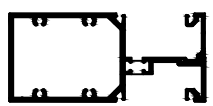
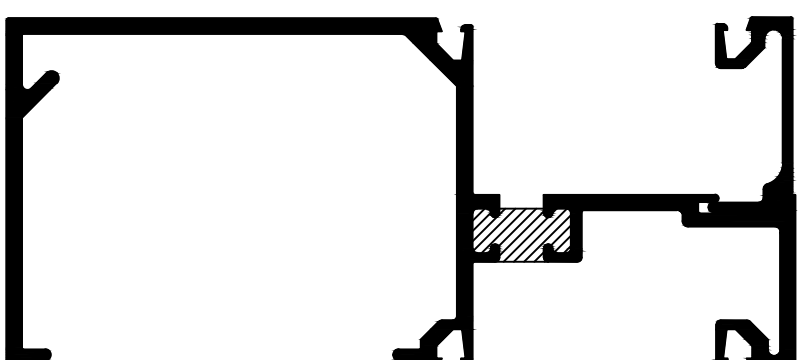
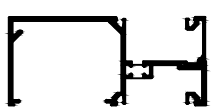
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1" INSULATED GLASS SYSTEM FOR INTERIOR AND EXTERIOR GLAZING

FULL SIZE DETAILS	DETAIL NUMBER	QUARTER SIZE DETAILS
	7	 (DETAIL # 7) WALL JAMB PART# TWJ450 AVAILABLE IN 24' 1" LENGTH
	8	 (DETAIL # 8) INTERMEDIATE HORZ. W / STOP PART# TOH450/ST AVAILABLE IN 24' 1" LENGTH
	9	 (DETAIL # 9) INTERMEDIATE HORZ. W / STOP PART# TOHO450/ST AVAILABLE IN 24' 1" LENGTH





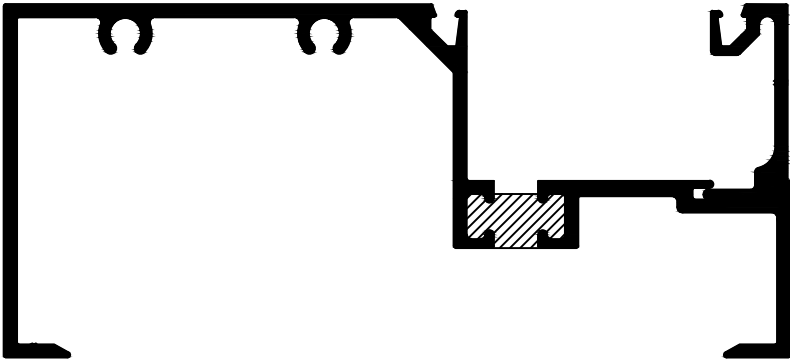

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FULL SIZE DETAILS	DETAIL NUMBER	QUARTER SIZE DETAILS
	<p style="text-align: center;">10</p>	<p style="text-align: center;"></p> <p style="text-align: center;">(DETAIL # 10)</p> <p style="text-align: center;">GLASS STOP FOR TOH450, TSM450, TOHO450</p> <p style="text-align: center;">PART# OHS450</p>
		<p style="text-align: center;">AVAILABLE IN 24' 1" LENGTH</p>
	<p style="text-align: center;">11</p>	<p style="text-align: center;"></p> <p style="text-align: center;">(DETAIL # 11)</p> <p style="text-align: center;">INTERMEDIATE VERTICAL OR HORIZONTAL FILLER</p> <p style="text-align: center;">PART# OHF450</p>
		<p style="text-align: center;">AVAILABLE IN 24' 1" LENGTH</p>
	<p style="text-align: center;">12</p>	<p style="text-align: center;"></p> <p style="text-align: center;">(DETAIL # 12)</p> <p style="text-align: center;">SILL MEMBER WITH STOP</p> <p style="text-align: center;">PART# TSM450/ST</p>
<p style="text-align: center;">AVAILABLE IN 24' 1" LENGTH</p>		

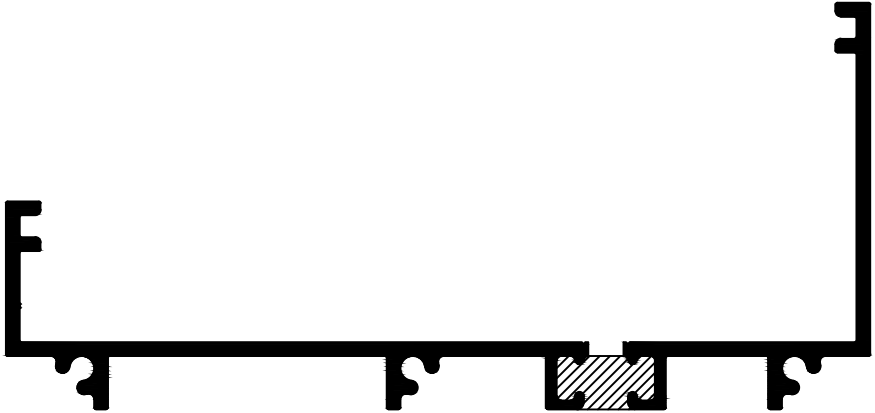

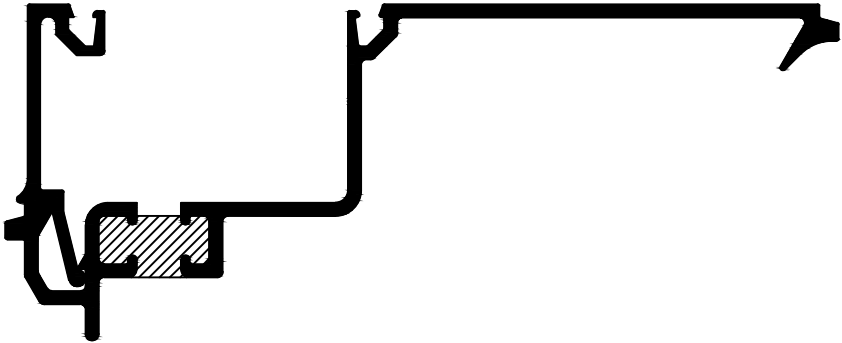
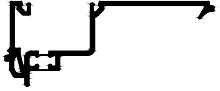
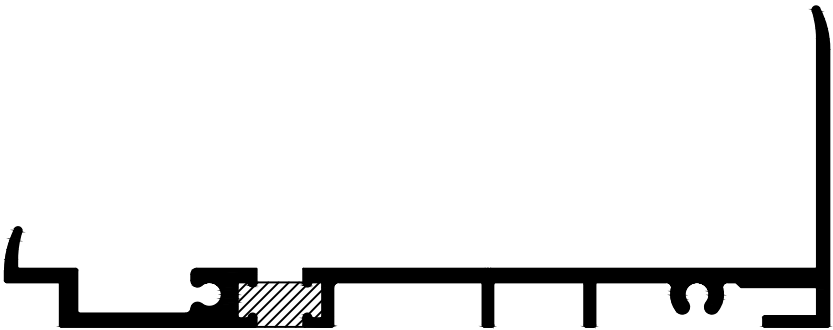

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FULL SIZE DETAILS	DETAIL NUMBER	QUARTER SIZE DETAILS
	<p>13</p>	 <p>(DETAIL # 13)</p> <p>SILL CAN</p> <p>PART# TSC450</p> <hr/> <p>AVAILABLE IN 24' 1" LENGTH</p>
	<p>14</p>	 <p>(DETAIL # 14)</p> <p>SILL CAN INSERT WITH STOP</p> <p>PART# TOSI450/ST</p> <hr/> <p>AVAILABLE IN 24' 1" LENGTH</p>
	<p>15</p>	 <p>(DETAIL # 15)</p> <p>ENCAPSULATED SILL FLASHING</p> <p>PART# TSF100</p> <hr/> <p>AVAILABLE IN 24' 1" LENGTH</p>



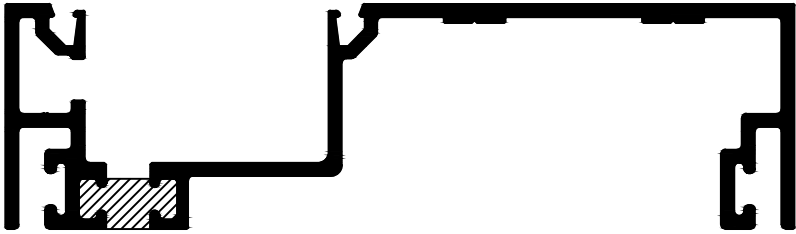

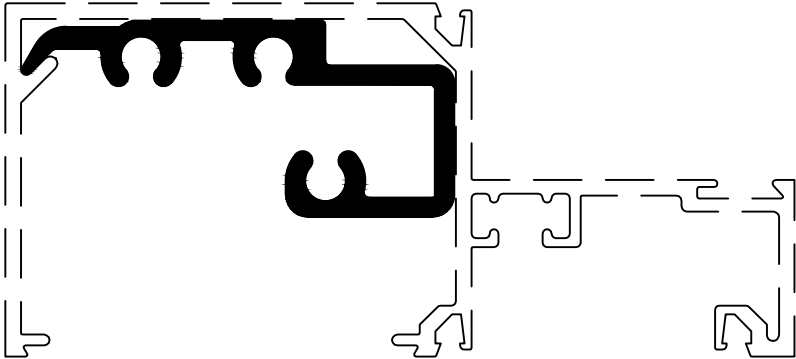

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FULL SIZE DETAILS	DETAIL NUMBER	QUARTER SIZE DETAILS
	<p>16</p>	 <p>(DETAIL # 16)</p> <p>REGLET FILLER</p> <p>PART# RF100</p> <p>AVAILABLE IN 24' 1" LENGTH</p>
	<p>17</p>	 <p>(DETAIL # 17)</p> <p>EXPANSION MULLION OR SPECIAL CORNERS</p> <p>PART# TEOEM450</p> <p>AVAILABLE IN 24' 1" LENGTH</p>
	<p>22</p>	 <p>(DETAIL # 22)</p> <p>CLIP JOINT</p> <p>PART# OHO-CLIP</p> <p>AVAILABLE IN 1 1/4" LENGTH</p>

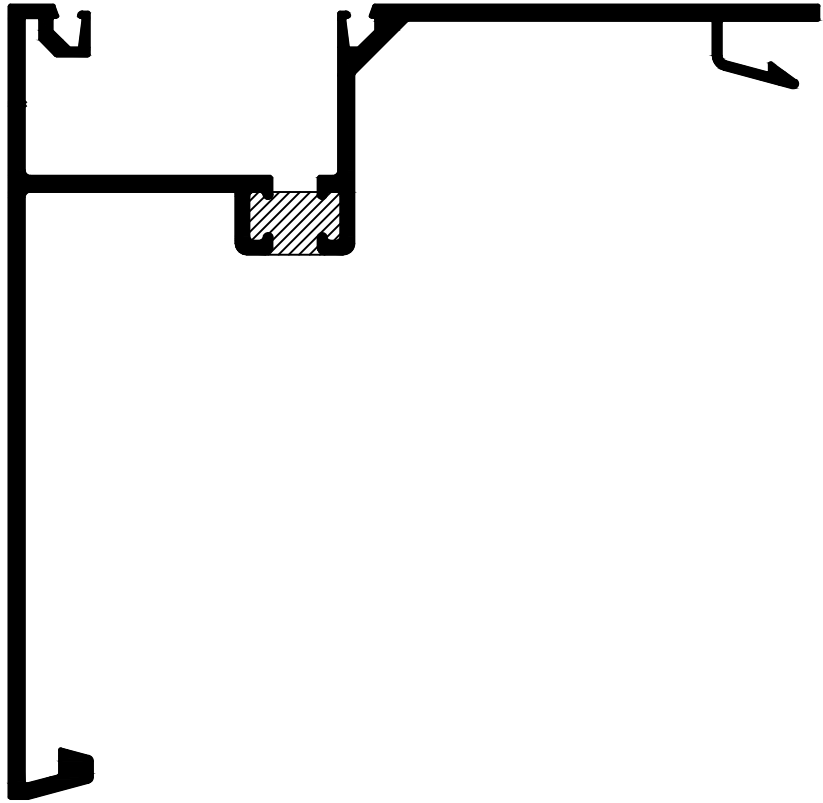
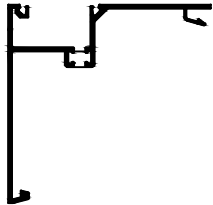


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	<p>18</p>	 <p>(DETAIL # 18)</p> <p>90° OUTSIDE CORNER LEFT</p> <p>PART# T-90-OSL</p> <p>AVAILABLE IN 24' 1" LENGTH</p>
	<p>20</p>	 <p>(DETAIL # 20)</p> <p>FLAT FILLER</p> <p>PART# FF200</p> <p>AVAILABLE IN 24' 1" LENGTH</p>

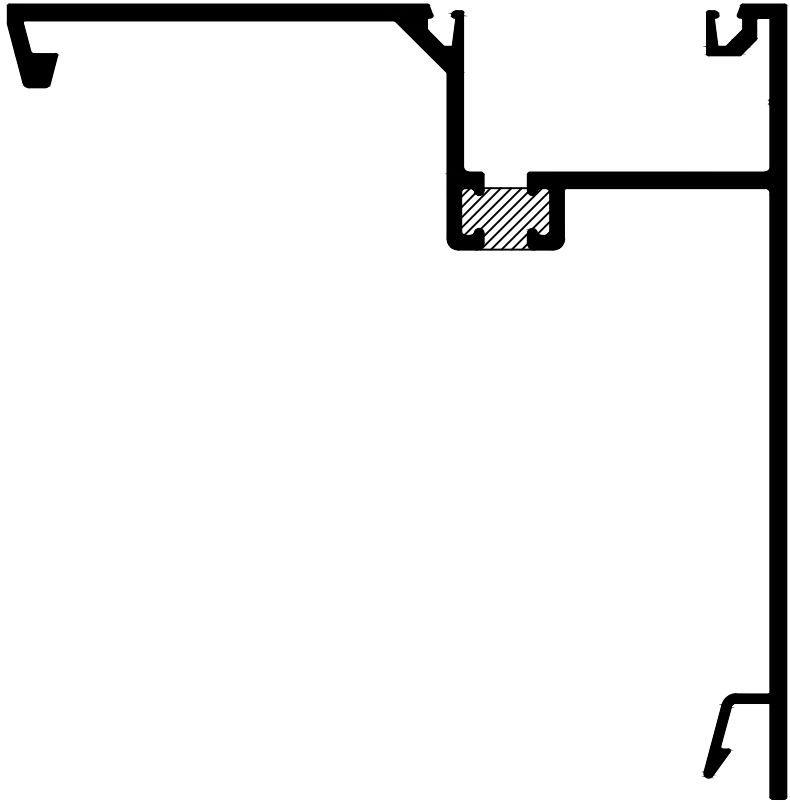
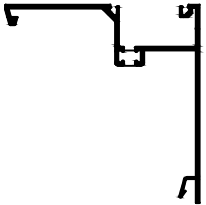
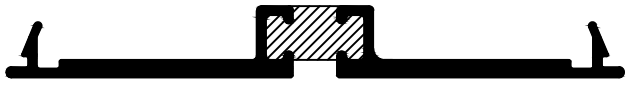

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1" INSULATED GLASS SYSTEM FOR INTERIOR AND EXTERIOR GLAZING

FULL SIZE DETAILS	DETAIL NUMBER	QUARTER SIZE DETAILS
	<p>19</p>	 <p>(DETAIL # 19)</p> <p>90° OUTSIDE CORNER RIGHT</p> <p>PART# T-90-OSR</p> <p>AVAILABLE IN 24' 1" LENGTH</p>
	<p>21</p>	 <p>(DETAIL # 11)</p> <p>FLAT FILLER</p> <p>PART# T-FF200</p> <p>AVAILABLE IN 24' 1" LENGTH</p>

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 THE OWNER, THE ARCHITECT AND THE INSTALLER ARE RESPONSIBLE FOR THE SELECTION OF
 THE PROPER SYSTEMS AND SIZES TO COMPLY WITH ALL APPLICABLE BUILDING AND SAFETY LAWS.