

Model Number	Nominal (JO <sub>N</sub> )		Nominal (SL <sub>N</sub> )		Thermal Movement (JO <sub>T</sub> )				Seismic Movement (JO <sub>S</sub> )				Total (JO <sub>Δ</sub> )		Slide Plate Thickness (ST)	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
SSD-400	<b>4.00</b>	102	<b>8.00</b>	203	<b>2.00</b>	51	<b>6.00</b>	152	<b>1.33</b>	34	<b>6.00</b>	152	<b>4.67</b>	119	<b>0.375</b>	10
SSD-500	<b>5.00</b>	127	<b>11.00</b>	279	<b>2.50</b>	64	<b>7.50</b>	191	<b>1.67</b>	42	<b>7.50</b>	191	<b>5.83</b>	148	<b>0.375</b>	10
SSD-600	<b>6.00</b>	152	<b>11.00</b>	279	<b>3.00</b>	76	<b>9.00</b>	229	<b>2.00</b>	51	<b>9.00</b>	229	<b>7.00</b>	178	<b>0.375</b>	10
SSD-700	<b>7.00</b>	178	<b>14.00</b>	356	<b>3.50</b>	89	<b>10.50</b>	267	<b>2.33</b>	59	<b>10.50</b>	267	<b>8.17</b>	208	<b>0.375</b>	10

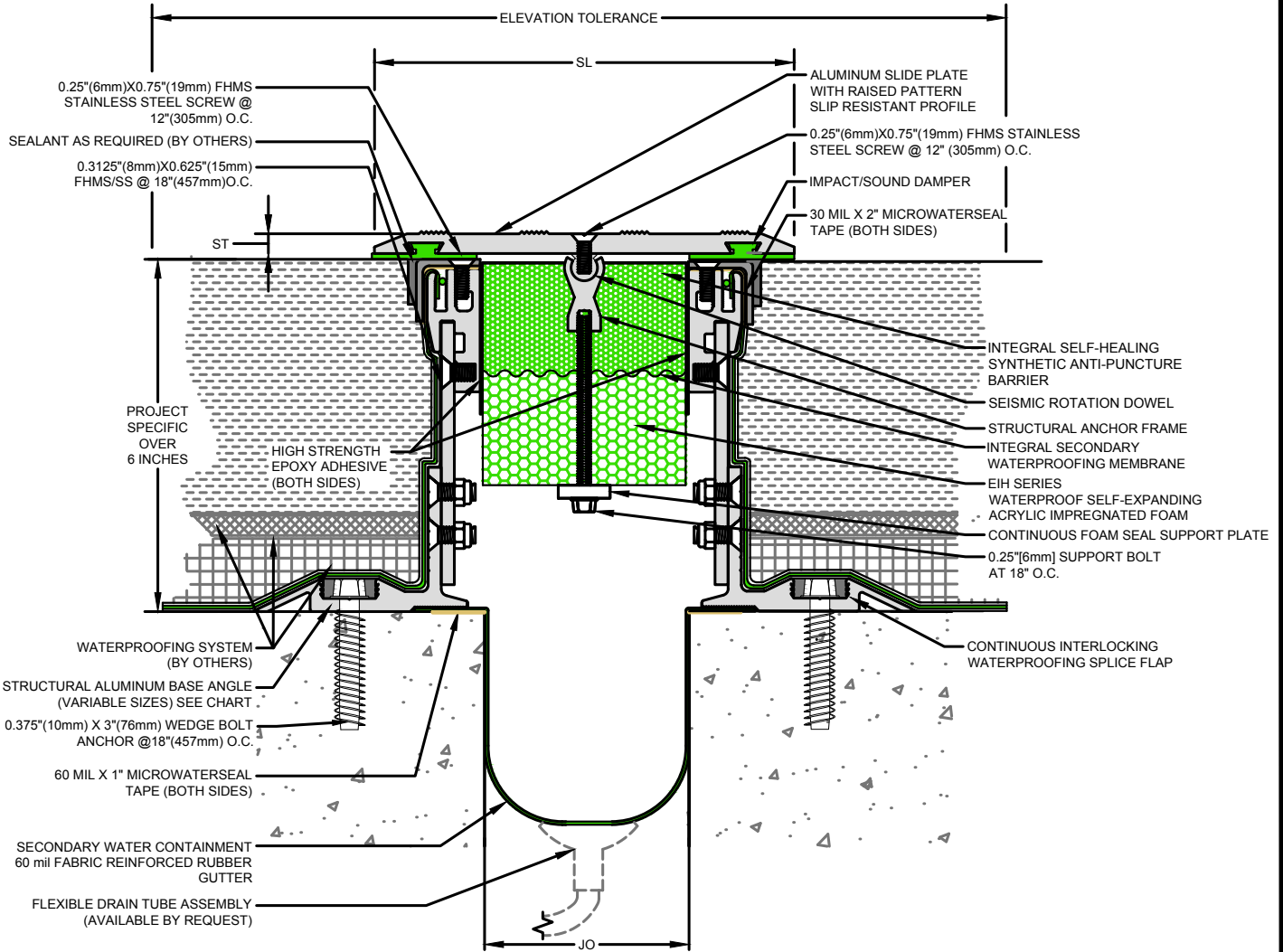
Dimension shown in inches (bold) and millimeters. JO = Joint Opening, SL = Sight Line. Color Options for rubber seals are Black or Special Order Gray.

**Safety Max.** - Safety Margin Movement capacity accommodates concrete shrinkage, vertical deflection and unexpected movement.

**Waterproofing Membrane Compatibility** - confirm with membrane manufacturer grade of rubber to be used on waterproofing splice flap.

**Elevation Control Area** - Surface areas two feet on each side of the expansion joint opening shall have identical elevations creating flush slab-to-slab transition.

See drawing 40075-11 for SSD-800 through 1200.



**SSD Series Adjustable Height Expansion Joint**  
(Slab-to-Slab)



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**Split Slab Dual Seismic Foam Seal Expansion Joint**

SSD-400 through 700 Adjustable Frame Series

Drawn by: DMW	Scale: NTS	Issue Date: 06-23-2017
SHT. 1 OF 4		Drawing Number: 40075-09

Model Number	Nominal (JO <sub>n</sub> )		Nominal (SL <sub>n</sub> )		Thermal Movement (JO <sub>t</sub> )				Seismic Movement (JO <sub>s</sub> )				Total (JO <sub>t</sub> )		Slide Plate Thickness (ST)	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
SSD-400	4.00	102	8.00	203	2.00	51	6.00	152	1.33	34	6.00	152	4.67	119	0.375	10
SSD-500	5.00	127	11.00	279	2.50	64	7.50	191	1.67	42	7.50	191	5.83	148	0.375	10
SSD-600	6.00	152	11.00	279	3.00	76	9.00	229	2.00	51	9.00	229	7.00	178	0.375	10
SSD-700	7.00	178	14.00	356	3.50	89	10.50	267	2.33	59	10.50	267	8.17	208	0.375	10

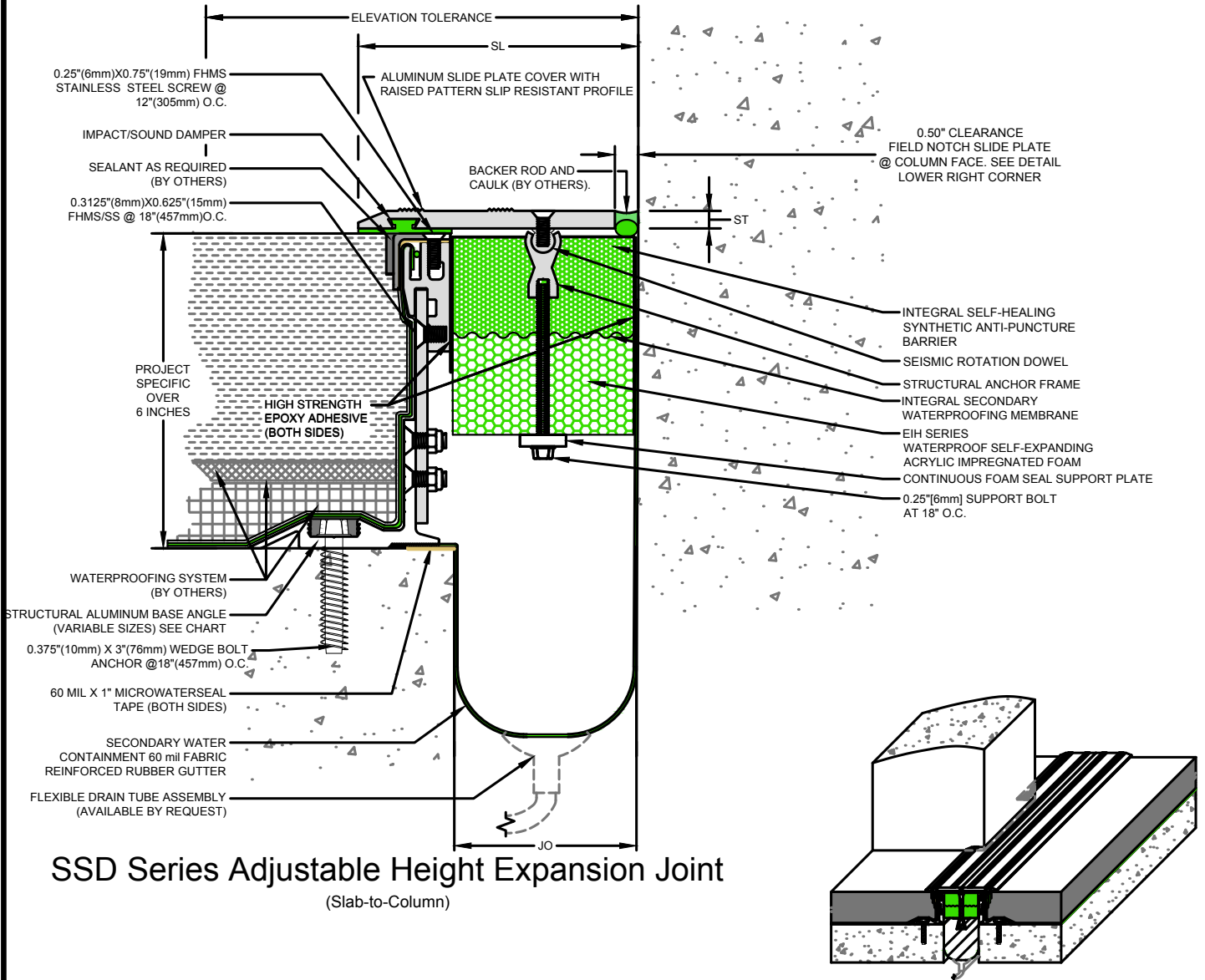
Dimension shown in inches (bold) and millimeters. JO = Joint Opening. SL = Sight Line. Color Options for rubber seals are Black or Special Order Gray.

**Safety Max.** - Safety Margin Movement capacity accommodates concrete shrinkage, vertical deflection and unexpected movement.

**Waterproofing Membrane Compatibility** - confirm with membrane manufacturer grade of rubber to be used on waterproofing splice flap.

**Elevation Control Area** - Surface areas two feet on each side of the expansion joint opening shall have identical elevations creating flush slab-to-slab transition.

See drawing 40075-11 for SSD-800 through 1200.



**SSD Series Adjustable Height Expansion Joint**  
(Slab-to-Column)



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**Split Slab Dual Seismic Foam Seal Expansion Joint**

SSD-C-400 through 700 Adjustable Frame Series

Drawn by: DMW	Scale: NTS	Issue Date: 06-23-2017
SHT. 2 OF 4		Drawing Number: 40075-09

Model Number	Nominal (JO <sub>N</sub> )		Nominal (SL <sub>N</sub> )		Thermal Movement (JO <sub>T</sub> )				Seismic Movement (JO <sub>S</sub> )				Total (JO <sub>Σ</sub> )		Slide Plate Thickness (ST)	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
SSD-400	<b>4.00</b>	102	<b>8.00</b>	203	<b>2.00</b>	51	<b>6.00</b>	152	<b>1.33</b>	34	<b>6.00</b>	152	<b>4.67</b>	119	<b>0.375</b>	10
SSD-500	<b>5.00</b>	127	<b>11.00</b>	279	<b>2.50</b>	64	<b>7.50</b>	191	<b>1.67</b>	42	<b>7.50</b>	191	<b>5.83</b>	148	<b>0.375</b>	10
SSD-600	<b>6.00</b>	152	<b>11.00</b>	279	<b>3.00</b>	76	<b>9.00</b>	229	<b>2.00</b>	51	<b>9.00</b>	229	<b>7.00</b>	178	<b>0.375</b>	10
SSD-700	<b>7.00</b>	178	<b>14.00</b>	356	<b>3.50</b>	89	<b>10.50</b>	267	<b>2.33</b>	59	<b>10.50</b>	267	<b>8.17</b>	208	<b>0.375</b>	10

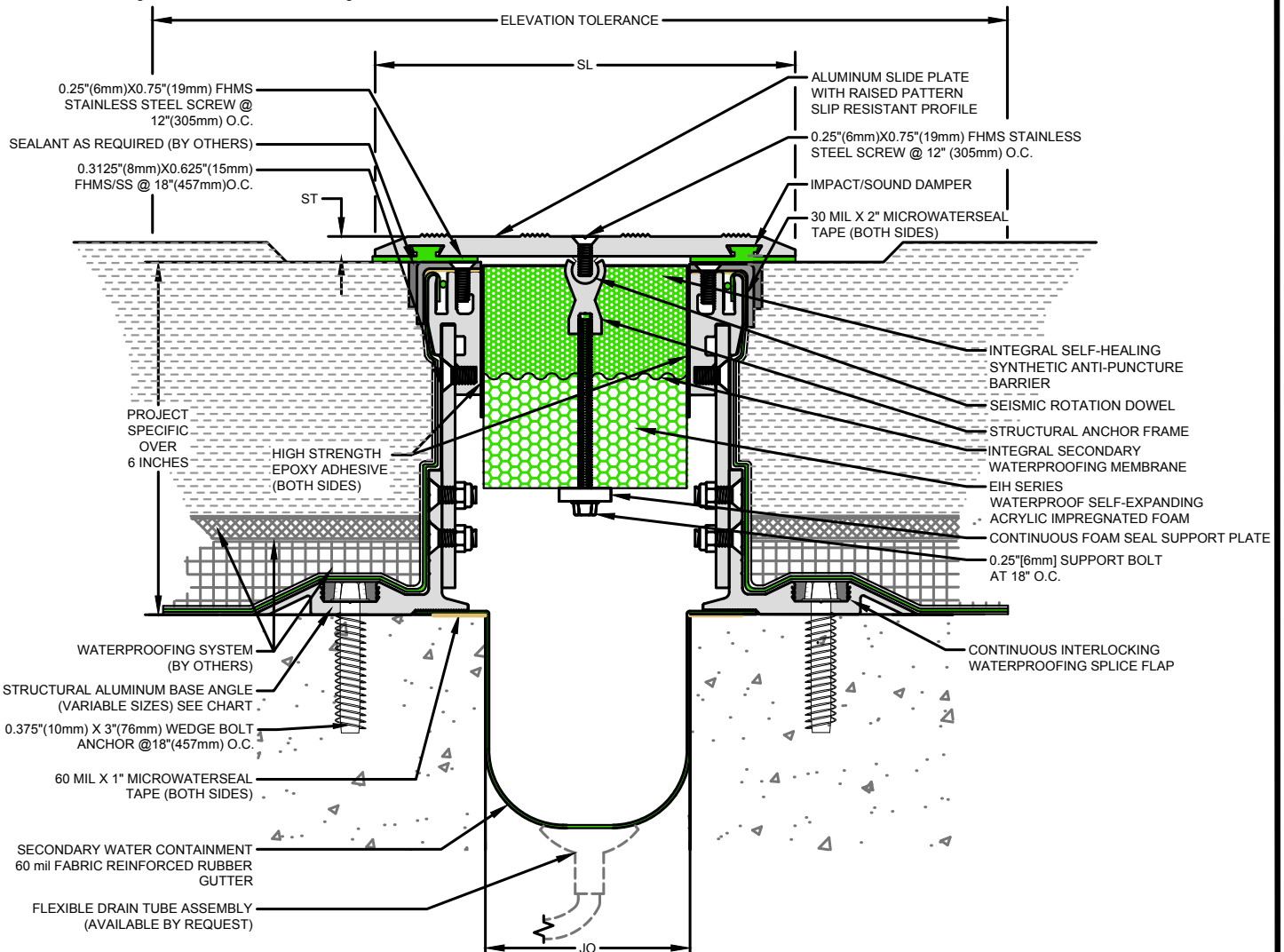
Dimension shown in inches (bold) and millimeters. JO = Joint Opening, SL = Sight Line. Color Options for rubber seals are Black or Special Order Gray.

**Safety Max.** - Safety Margin Movement capacity accommodates concrete shrinkage, vertical deflection and unexpected movement.

**Waterproofing Membrane Compatibility** - conform with membrane manufacturer grade of rubber to be used on waterproofing splice flap.

**Elevation Control Area** - Surface areas two feet on each side of the expansion joint opening shall have identical elevations creating flush slab-to-slab transition.

See drawing 40075-11 for SSD-800 through 1200.



## SSD Recessed Adjustable Height Expansion Joint

(Slab-to-Slab)



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### Split Slab Dual Seismic Foam Seal Expansion Joint

SSD-400 through 700 Adjustable Frame Series

Drawn by: DMW	Scale: NTS	Issue Date: 06-23-2017
SHT. 3 OF 4		Drawing Number: 40075-09

Model Number	Nominal (JO <sub>N</sub> )		Nominal (SL <sub>N</sub> )		Thermal Movement (JO <sub>T</sub> )				Seismic Movement (JO <sub>S</sub> )				Total (JO <sub>T</sub> )		Slide Plate Thickness (ST)	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
SSD-400	<b>4.00</b>	102	<b>8.00</b>	203	<b>2.00</b>	51	<b>6.00</b>	152	<b>1.33</b>	34	<b>6.00</b>	152	<b>4.67</b>	119	<b>0.375</b>	10
SSD-500	<b>5.00</b>	127	<b>11.00</b>	279	<b>2.50</b>	64	<b>7.50</b>	191	<b>1.67</b>	42	<b>7.50</b>	191	<b>5.83</b>	148	<b>0.375</b>	10
SSD-600	<b>6.00</b>	152	<b>11.00</b>	279	<b>3.00</b>	76	<b>9.00</b>	229	<b>2.00</b>	51	<b>9.00</b>	229	<b>7.00</b>	178	<b>0.375</b>	10
SSD-700	<b>7.00</b>	178	<b>14.00</b>	356	<b>3.50</b>	89	<b>10.50</b>	267	<b>2.33</b>	59	<b>10.50</b>	267	<b>8.17</b>	208	<b>0.375</b>	10

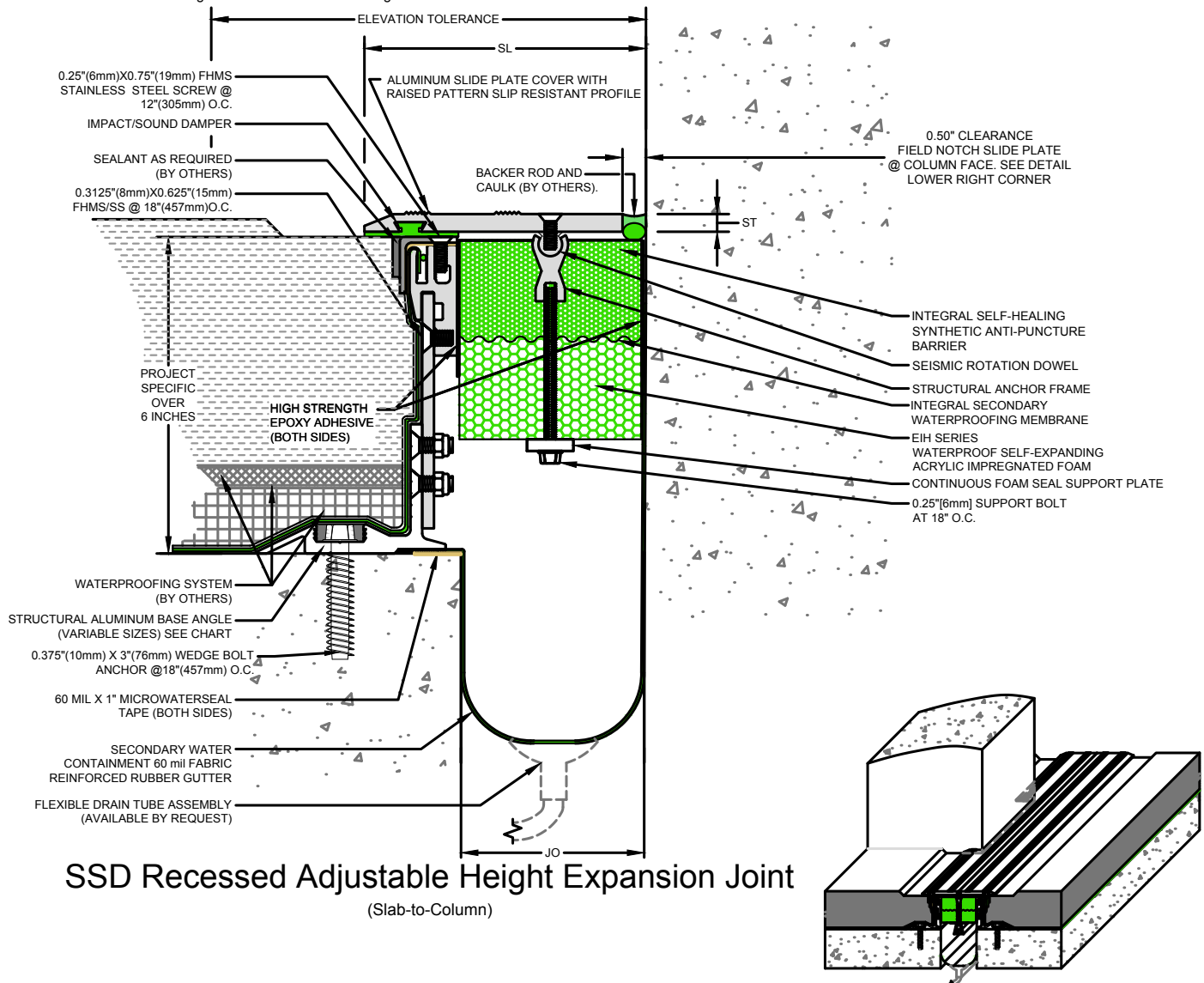
Dimension shown in inches (bold) and millimeters. JO = Joint Opening. SL = Sight Line. Color Options for rubber seals are Black or Special Order Gray.

**Safety Max.** - Safety Margin Movement capacity accommodates concrete shrinkage, vertical deflection and unexpected movement.

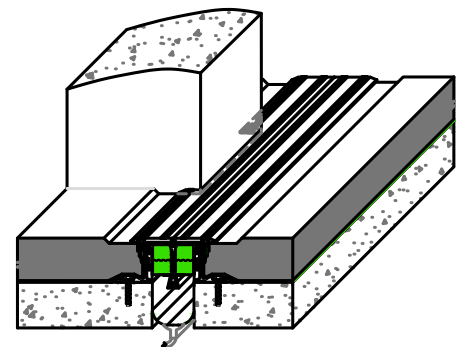
**Waterproofing Membrane Compatibility** - confirm with membrane manufacturer grade of rubber to be used on waterproofing splice flap.

**Elevation Control Area** - Surface areas two feet on each side of the expansion joint opening shall have identical elevations creating flush slab-to-slab transition.

See drawing 40075-11 for SSD-800 through 1200.



**SSD Recessed Adjustable Height Expansion Joint**  
(Slab-to-Column)



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**Split Slab Dual Seismic Foam Seal Expansion Joint**

SSD-C-400 through 700 Adjustable Frame Series

Drawn by: DMW	Scale: NTS	Issue Date: 06-23-2017
SHT. 4 OF 4		Drawing Number: 40075-09