

Model Number	Nominal (JO _n)		Nominal (SL _n)		Thermal Movement (JO _t)			Seismic Movement (JO _s)			Total (JO _t)		Slide Plate Thickness (ST)			
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum		
SSD-800	8.00	203	14.00	356	4.00	102	12.00	305	2.67	68	12.00	305	9.33	237	0.375	10
SSD-900	9.00	229	17.00	432	4.50	114	13.50	343	3.00	76	13.50	343	10.50	267	0.375	10
SSD-1000	10.00	254	17.00	432	5.00	127	15.00	381	3.33	85	15.00	381	11.67	296	0.375	10
SSD-1100	11.00	279	20.00	508	5.50	140	15.00	381	3.67	93	16.50	419	12.83	326	0.5	13
SSD-1200	12.00	305	20.00	508	6.00	152	16.00	406	4.00	102	18.00	457	14.00	356	0.5	13

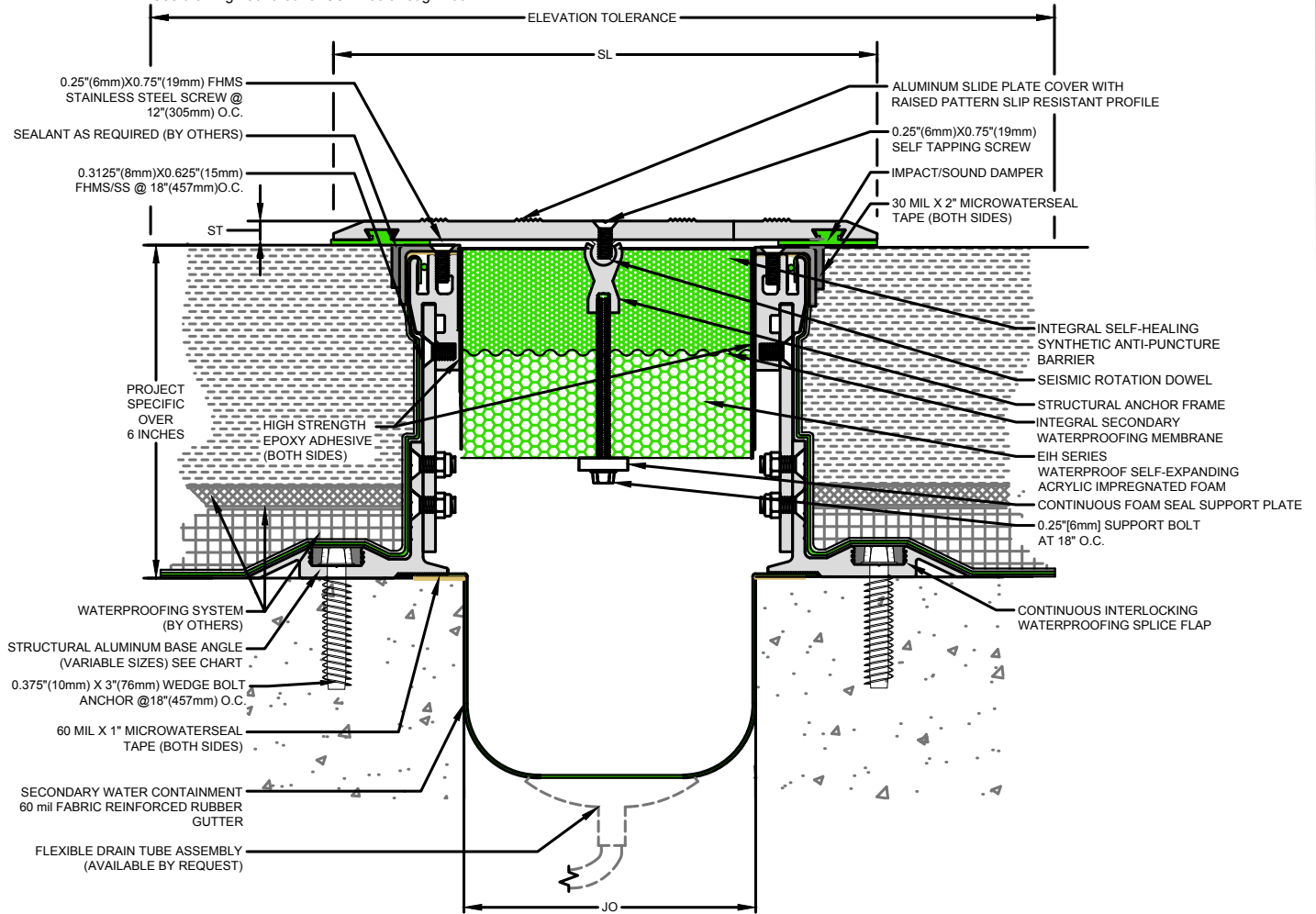
Dimension shown in inches (bold) and millimeters. JO = Joint Opening, SL = Sight Line. Color Options for rubber seals are Black or Special Order Gray.

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 40075-09 for SSD-400 through 700.



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



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Split Slab Dual Seismic Foam Seal Expansion Joint

SSD-800 through 1200 Adjustable Frame Series

Drawn by: DMW	Scale: NTS	Issue Date: 06-23-2017
SHT. 1 OF 4		Drawing Number: 40075-11

Model Number	Nominal (JO _n)		Nominal (SL _n)		Thermal Movement (JO _T)				Seismic Movement (JO _S)				Total (JO _T)		Slide Plate Thickness (ST)	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
SSD-800	8.00	203	14.00	356	4.00	102	12.00	305	2.67	68	12.00	305	9.33	237	0.375	10
SSD-900	9.00	229	17.00	432	4.50	114	13.50	343	3.00	76	13.50	343	10.50	267	0.375	10
SSD-1000	10.00	254	17.00	432	5.00	127	15.00	381	3.33	85	15.00	381	11.67	296	0.375	10
SSD-1100	11.00	279	20.00	508	5.50	140	15.00	381	3.67	93	16.50	419	12.83	326	0.5	13
SSD-1200	12.00	305	20.00	508	6.00	152	16.00	406	4.00	102	18.00	457	14.00	356	0.5	13

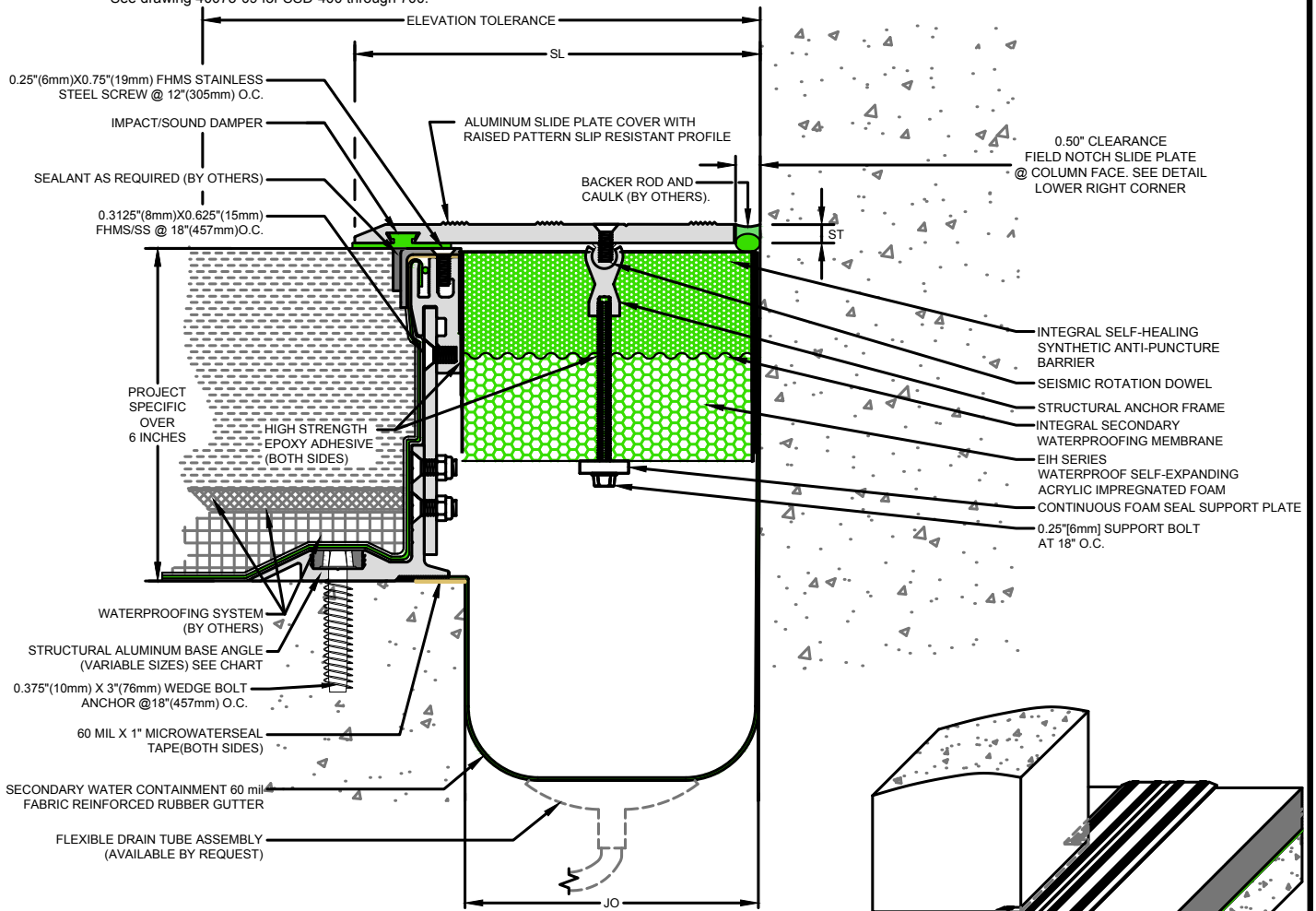
Dimension shown in inches (bold) and millimeters. JO = Joint Opening. SL = Sight Line. Color Options for rubber seals are Black or Special Order Gray.

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.

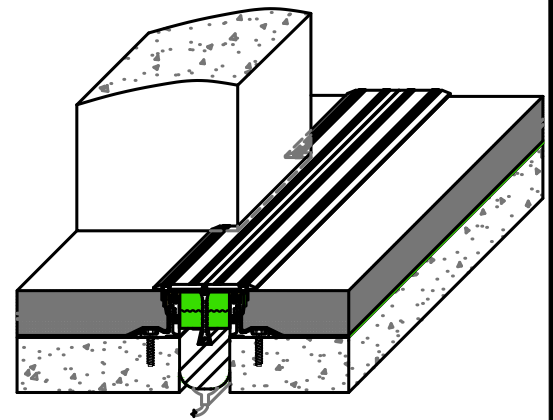
Elevation Control Area - Surface areas two feet on each side of the expansion joint opening shall have identical elevations creating flush slab-to-slab transition.

See drawing 40075-09 for SSD-400 through 700.



SSD Series Adjustable Height Expansion Joint

(Slab-to-Column)



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Split Slab Dual Seismic Foam Seal Expansion Joint

SSD-C-800 through 1200 Adjustable Frame Series

Drawn by: DMW	Scale: NTS	Issue Date: 06-23-2017
SHT. 2 OF 4		Drawing Number: 40075-11

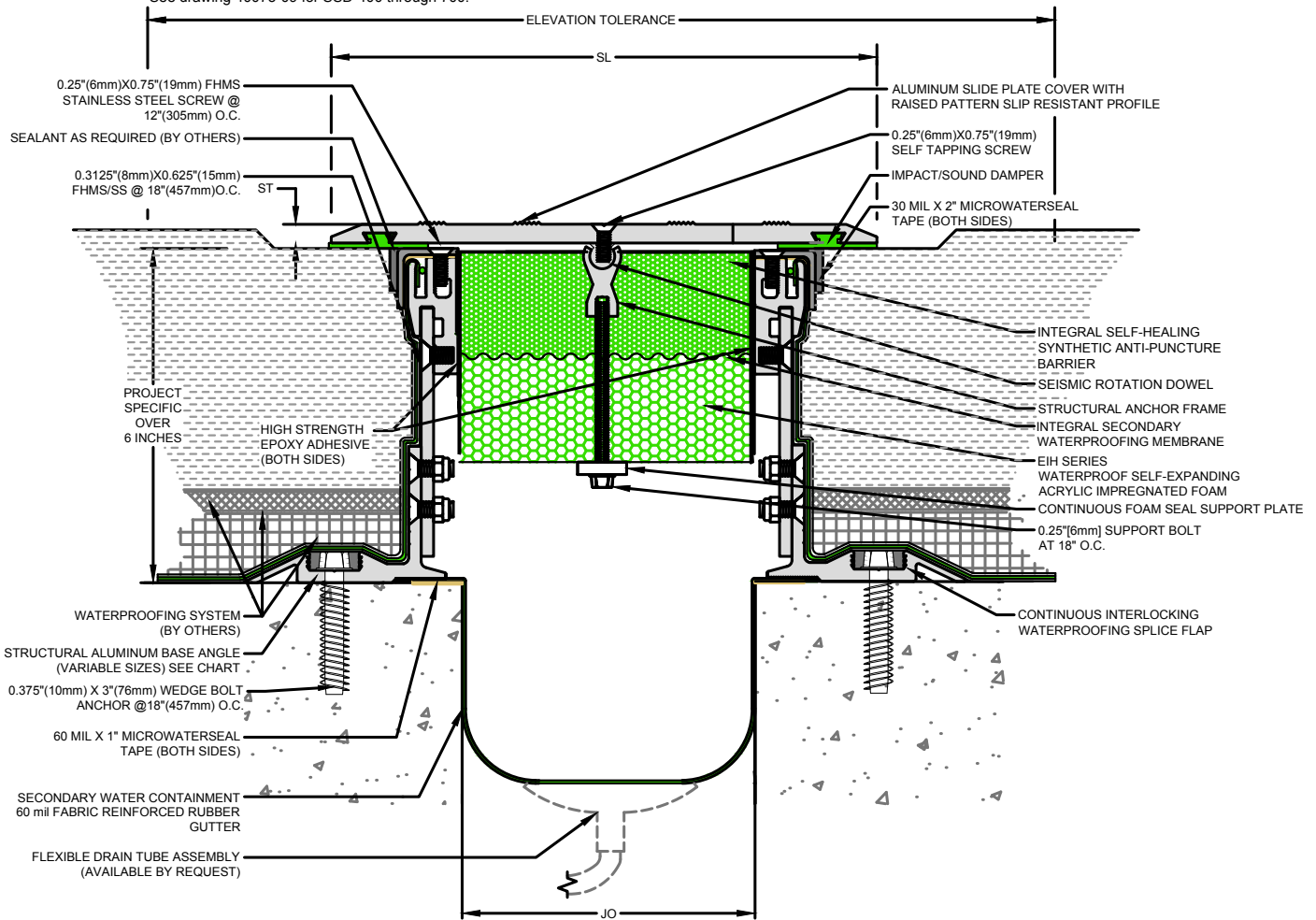
Model Number	Nominal (JO _w)		Nominal (SL _w)		Thermal Movement (JO _t)				Seismic Movement (JO _s)				Total (JO _t)		Slide Plate	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Thickness (ST)			
SSD-800	8.00	203	14.00	356	4.00	102	12.00	305	2.67	68	12.00	305	9.33	237	0.375	10
SSD-900	9.00	229	17.00	432	4.50	114	13.50	343	3.00	76	13.50	343	10.50	267	0.375	10
SSD-1000	10.00	254	17.00	432	5.00	127	15.00	381	3.33	85	15.00	381	11.67	296	0.375	10
SSD-1100	11.00	279	20.00	508	5.50	140	15.00	381	3.67	93	16.50	419	12.83	326	0.5	13
SSD-1200	12.00	305	20.00	508	6.00	152	16.00	406	4.00	102	18.00	457	14.00	356	0.5	13

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 40075-09 for SSD-400 through 700.



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



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Split Slab Dual Seismic Foam Seal Expansion Joint

SSD-800 through 1200 Adjustable Frame Series

Drawn by: DMW	Scale: NTS	Issue Date: 06-23-2017
SHT. 3 OF 4		Drawing Number: 40075-11

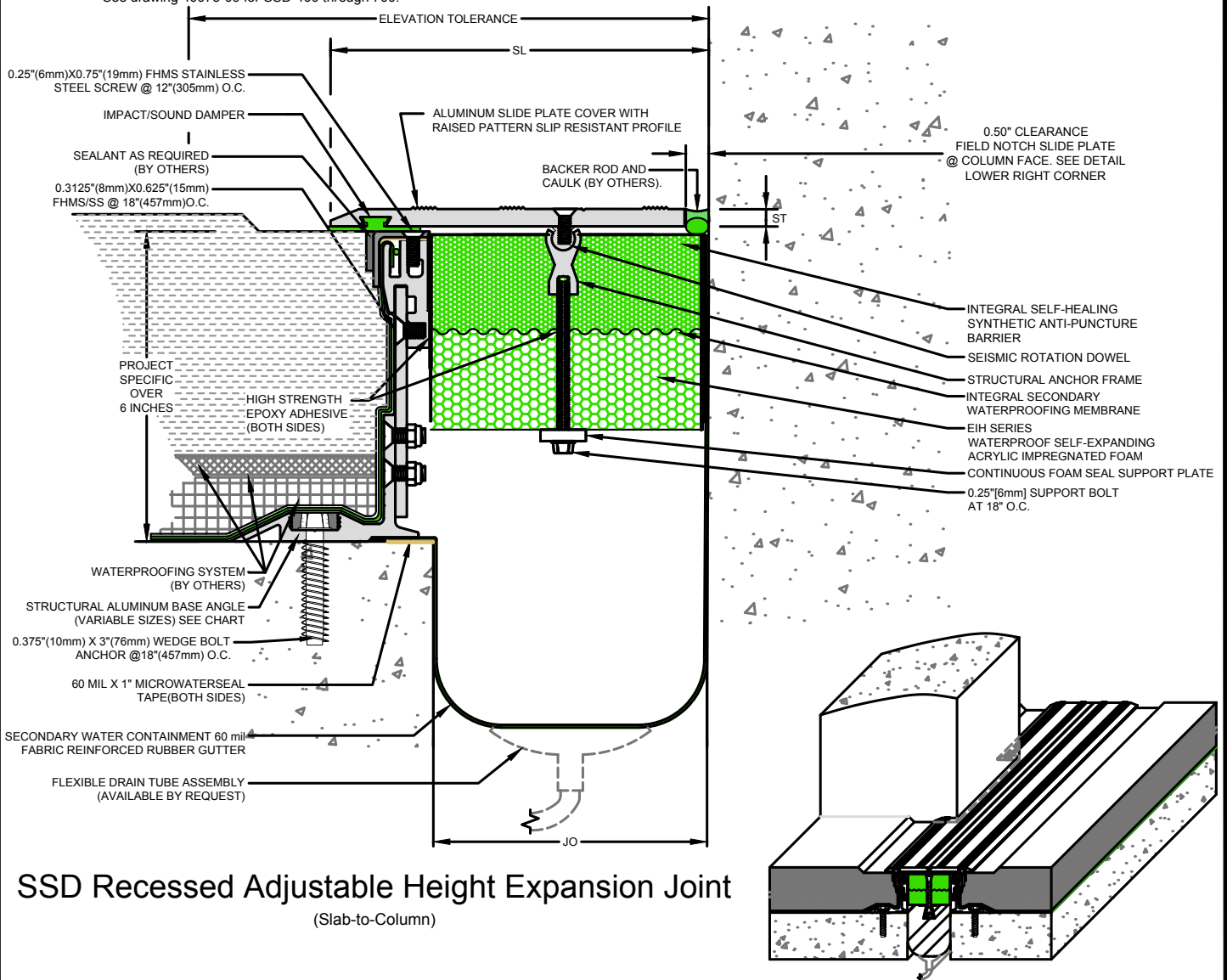
Model Number	Nominal (JO _N)		Nominal (SL _N)		Thermal Movement (JO _T)				Seismic Movement (JO _S)				Total (JO _T) Movement		Slide Plate Thickness (ST)	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
SSD-800	8.00	203	14.00	356	4.00	102	12.00	305	2.67	68	12.00	305	9.33	237	0.375	10
SSD-900	9.00	229	17.00	432	4.50	114	13.50	343	3.00	76	13.50	343	10.50	267	0.375	10
SSD-1000	10.00	254	17.00	432	5.00	127	15.00	381	3.33	85	15.00	381	11.67	296	0.375	10
SSD-1100	11.00	279	20.00	508	5.50	140	15.00	381	3.67	93	16.50	419	12.83	326	0.5	13
SSD-1200	12.00	305	20.00	508	6.00	152	16.00	406	4.00	102	18.00	457	14.00	356	0.5	13

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

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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 40075-09 for SSD-400 through 700.



SSD Recessed Adjustable Height Expansion Joint
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Split Slab Dual Seismic Foam Seal Expansion Joint

SSD-C-800 through 1200 Adjustable Frame Series

Drawn by: DMW	Scale: NTS	Issue Date: 06-23-2017
SHT. 4 OF 4		Drawing Number: 40075-11