

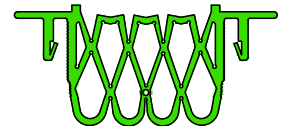
RUBBER SEAL PROFILES



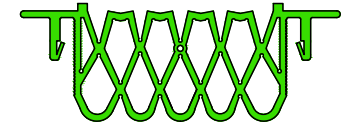
250 SEAL



350 SEAL



450 SEAL



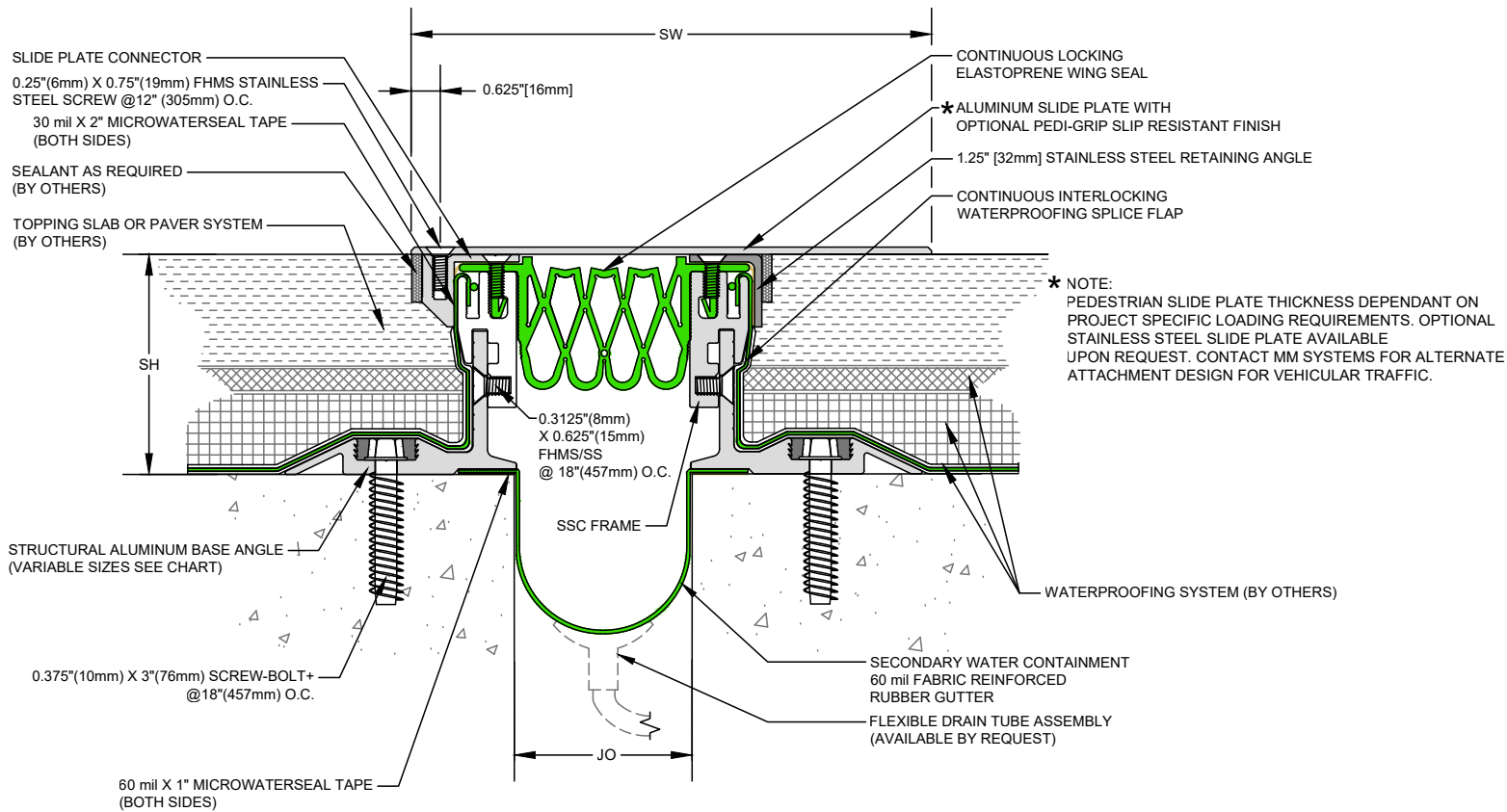
550 SEAL

Model Number	Nominal (JO _N)		Slide Plate Width (SW _N)		Thermal Movement (JO _T)		Seismic Movement (JO _S)		Total (JO _T)					
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum				
SSC-250-P	1.50	8	6.50	165	0.75	19	2.50	64	0.75	19	3.25	83	2.50	64
SSC-350-P	2.00	57	7.50	191	1.00	25	3.50	89	1.00	25	4.25	108	3.25	83
SSC-450-P	3.00	76	8.50	216	1.50	38	4.50	114	1.50	38	5.50	140	4.00	102
SSC-550-P	4.00	102	9.50	241	1.50	38	5.50	140	1.50	38	6.50	165	5.00	127

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

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

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



* NOTE: PEDESTRIAN SLIDE PLATE THICKNESS DEPENDANT ON PROJECT SPECIFIC LOADING REQUIREMENTS. OPTIONAL STAINLESS STEEL SLIDE PLATE AVAILABLE UPON REQUEST. CONTACT MM SYSTEMS FOR ALTERNATE ATTACHMENT DESIGN FOR VEHICULAR TRAFFIC.

SSC Pedestrian Series Expansion Joint
(Slab-to-Slab)

Base Angle Size	System Height (SH)	
3.5 x 1.75	See Next Page	
3.5 x 2	3.25	83
3.5 x 2.25	3.5	89
3.5 x 2.5	3.75	95
3.5 x 2.75	4	102
3.5 x 3	4.25	108
3.5 x 3.25	4.5	114
3.5 x 3.5	4.75	121
3.5 x 3.75	5	127
3.5 x 4	5.25	133
3.5 x 4.25	5.5	140
3.5 x 4.5	5.75	146
3.5 x 4.75	6	152



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Split Slab Covered Membrane Expansion Joint

SSC Pedestrian Series

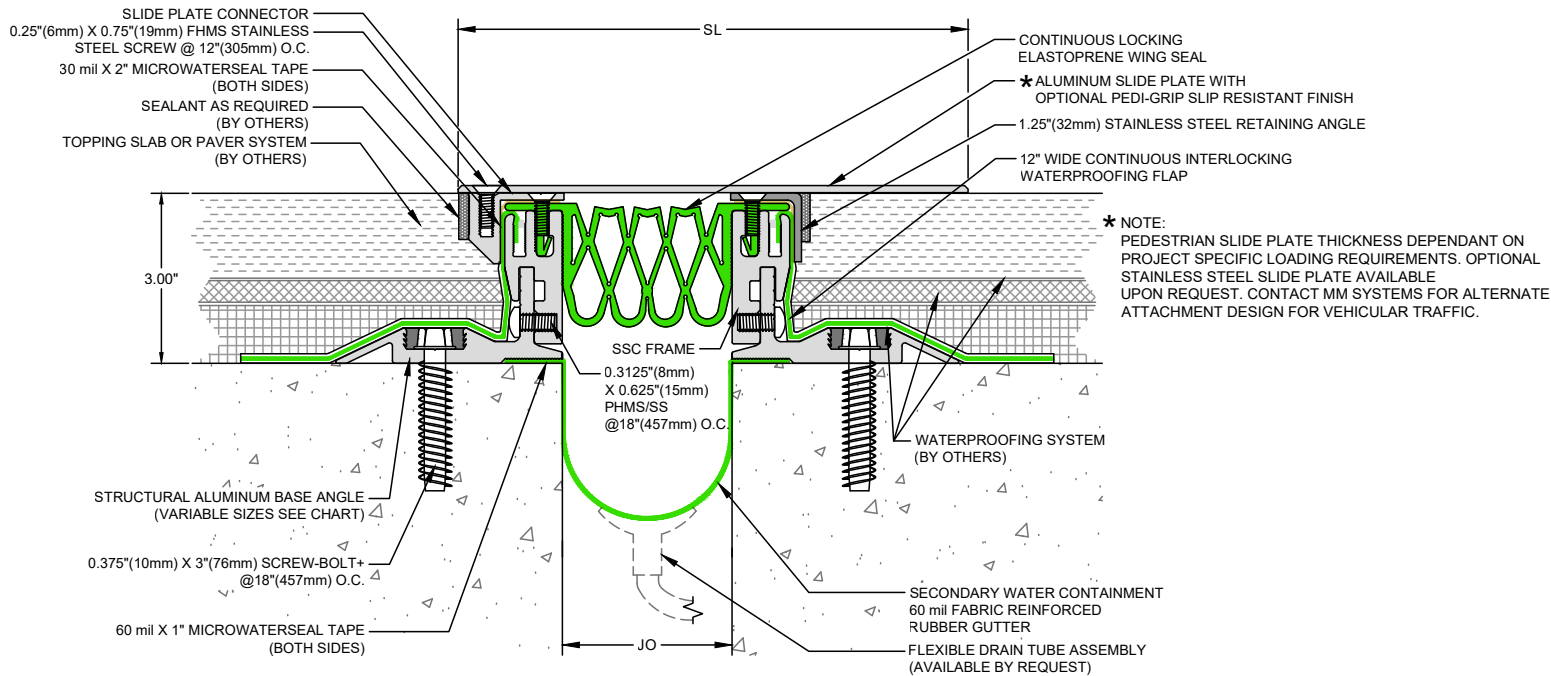
Drawn by: DMW	Scale: NTS	Drawing Number: 41250-01
SHT. 1 OF 4	Issue Date: 02-13-2019	

Model Number	Nominal (JO _n)		Slide Plate Width (SW _n)		Thermal Movement (IO _t)				Seismic Movement (IO _s)				Total (IO _{t,s}) Movement	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum		
SSC-250-P	1.50	8	6.50	165	0.75	19	2.50	64	0.75	19	3.25	83	2.50	64
SSC-350-P	2.00	57	7.50	191	1.00	25	3.50	89	1.00	25	4.25	108	3.25	83
SSC-450-P	3.00	76	8.50	216	1.50	38	4.50	114	1.50	38	5.50	140	4.00	102
SSC-550-P	4.00	102	9.50	241	1.50	38	5.50	140	1.50	38	6.50	165	5.00	127

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

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

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



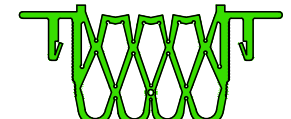
SSC Series Expansion Joint / 3" System Height
(Slab-to-Slab)



250 SEAL



350 SEAL



450 SEAL



550 SEAL



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Split Slab Covered Membrane Expansion Joint
SSC Pedestrian Series 3" System Height

Drawn by:
DMW

Scale:
NTS

Drawing Number:

SHT. 2 OF 4

Issue Date:
02-13-2019

41250-01

Model Number	Nominal (JO _N)		Slide Plate Width (SW _N)		Thermal Movement (JO _T)				Seismic Movement (JO _S)				Total (JO _A)	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum		
SSC-250-V	1.50	8	7.00	178	0.75	19	2.50	64	0.75	19	3.25	83	2.50	64
SSC-350-V	2.00	57	8.00	203	1.00	25	3.50	89	1.00	25	4.25	108	3.25	83
SSC-450-V	3.00	76	9.25	235	1.50	38	4.50	114	1.50	38	5.50	140	4.00	102
SSC-550-V	4.00	102	10.25	260	1.50	38	5.50	140	1.50	38	6.50	165	5.00	127

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

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

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

RUBBER SEAL PROFILES



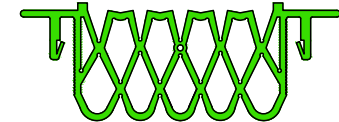
250 SEAL



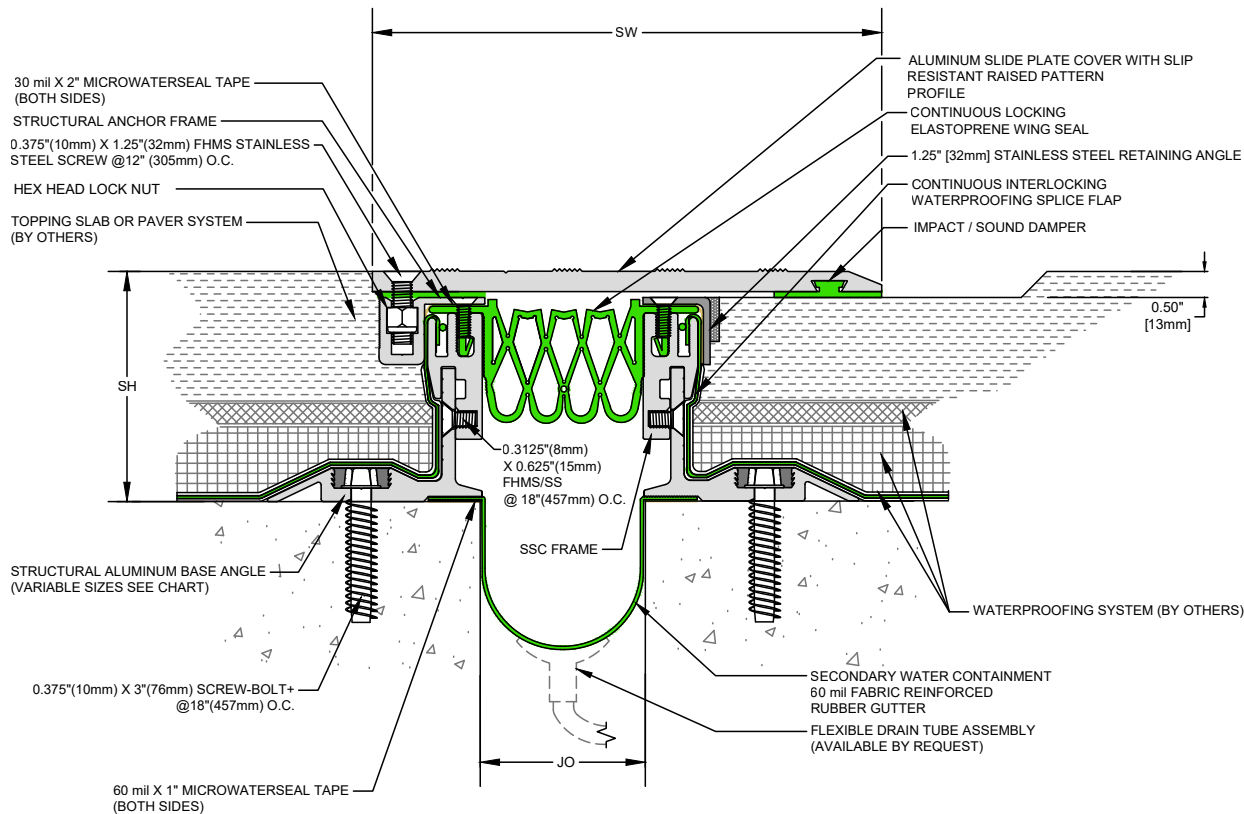
350 SEAL



450 SEAL



550 SEAL



SSC Vehicular Series Expansion Joint
(Slab-to-Slab)

Base Angle Size	System Height (SH)	
3.5 x 1.75	See Next Page	
3.5 x 2	3.25	83
3.5 x 2.25	3.5	89
3.5 x 2.5	3.75	95
3.5 x 2.75	4	102
3.5 x 3	4.25	108
3.5 x 3.25	4.5	114
3.5 x 3.5	4.75	121
3.5 x 3.75	5	127
3.5 x 4	5.25	133
3.5 x 4.25	5.5	140
3.5 x 4.5	5.75	146
3.5 x 4.75	6	152



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Split Slab Covered Membrane Expansion Joint

SSC Vehicular Series

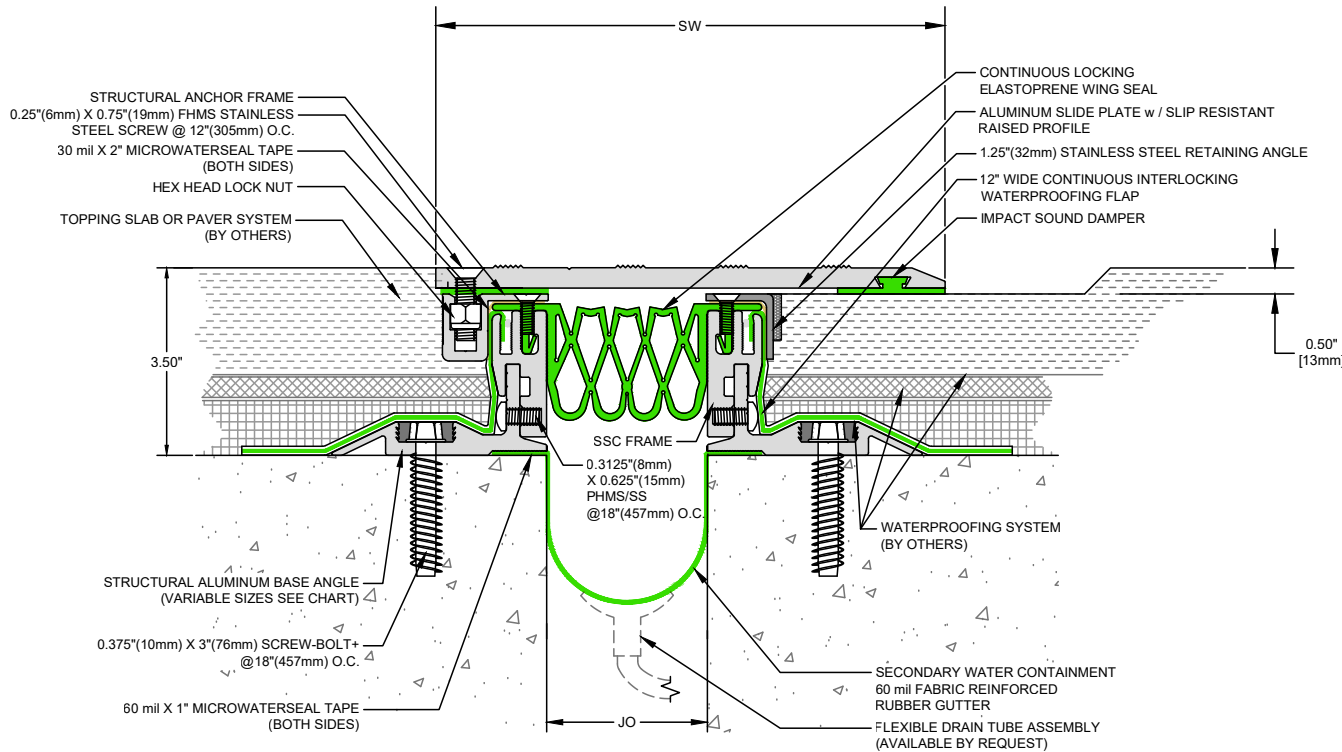
Drawn by: DMW	Scale: NTS	Drawing Number: 41250-01
SHT. 3 OF 4	Issue Date: 02-13-2019	

Model Number	Nominal (JO _N)		Slide Plate Width (SW _N)		Thermal Movement (JO _T)				Seismic Movement (JO _S)				Total (JO _T) Movement	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum		
SSC-250-P	1.50	8	6.50	165	0.75	19	2.50	64	0.75	19	3.25	83	2.50	64
SSC-350-P	2.00	57	7.50	191	1.00	25	3.50	89	1.00	25	4.25	108	3.25	83
SSC-450-P	3.00	76	8.50	216	1.50	38	4.50	114	1.50	38	5.50	140	4.00	102
SSC-550-P	4.00	102	9.50	241	1.50	38	5.50	140	1.50	38	6.50	165	5.00	127

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

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

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



SSC Vehicular Series Expansion Joint / 3" System Height
(Slab-to-Slab)

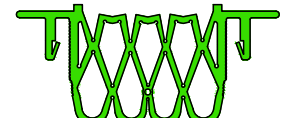
RUBBER SEAL PROFILES



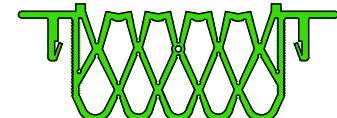
250 SEAL



350 SEAL



450 SEAL



550 SEAL



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Split Slab Covered Membrane Expansion Joint

SSC Vehicular Series 3" System Height

Drawn by:
DMW

Scale:
NTS

Drawing Number:

SHT. 4 OF 4

Issue Date:
02-13-2019

41250-01