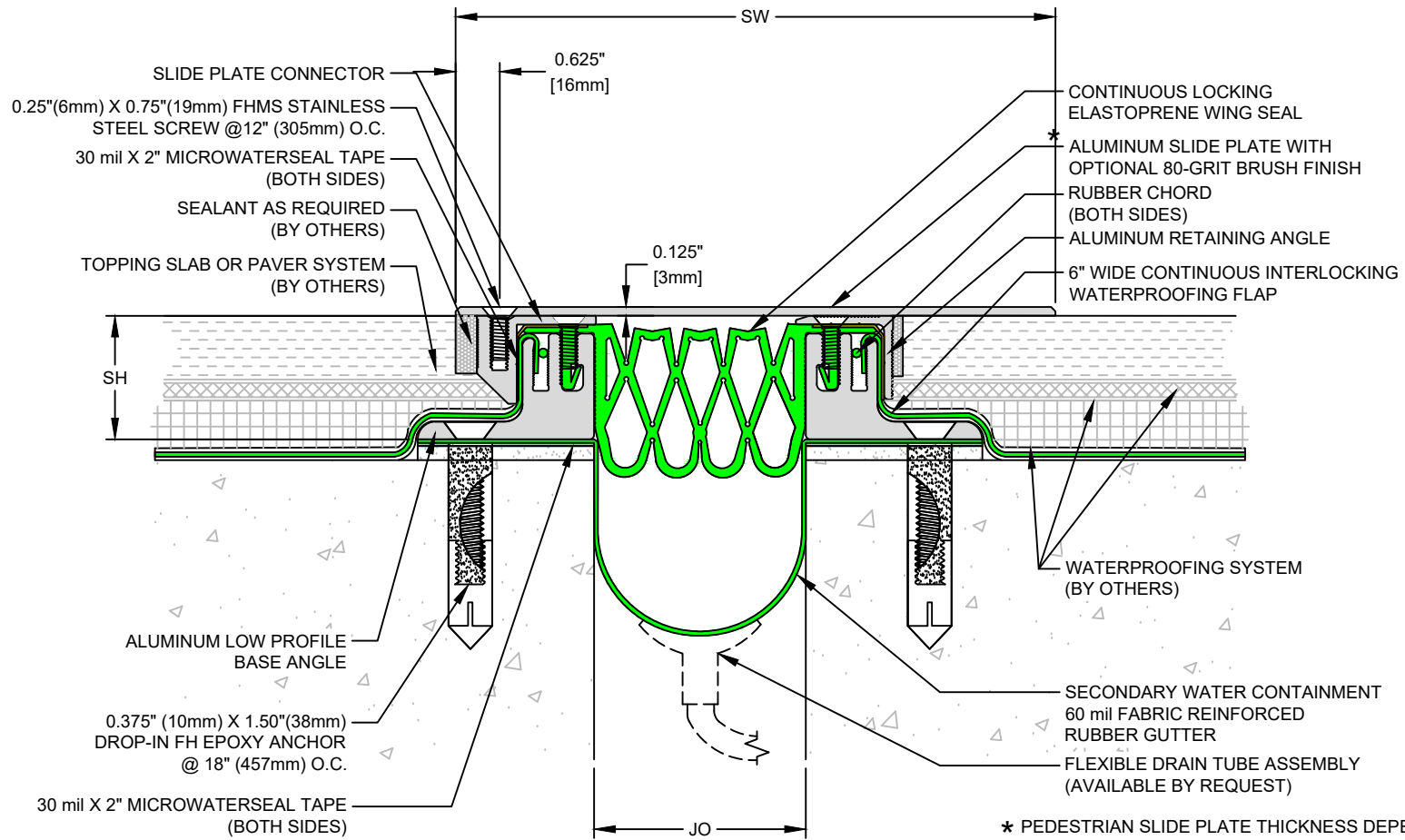




* PEDESTRIAN SLIDE PLATE THICKNESS DEPENDANT ON PROJECT SPECIFIC LOADING REQUIREMENTS. OPTIONAL STAINLESS STEEL SLIDE PLATE AVAILABLE UPON REQUEST. CONTACT MM SYSTEMS FOR ALTERNATE ATTACHMENT DESIGN FOR VEHICULAR TRAFFIC.

SSC Low Profile Series Expansion Joint

Sizes 250 through 550

(Slab-to-Slab)



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Split Slab Membrane with Cover Plate System

SSC-LP Series (250-550)

Drawn by:
LRM

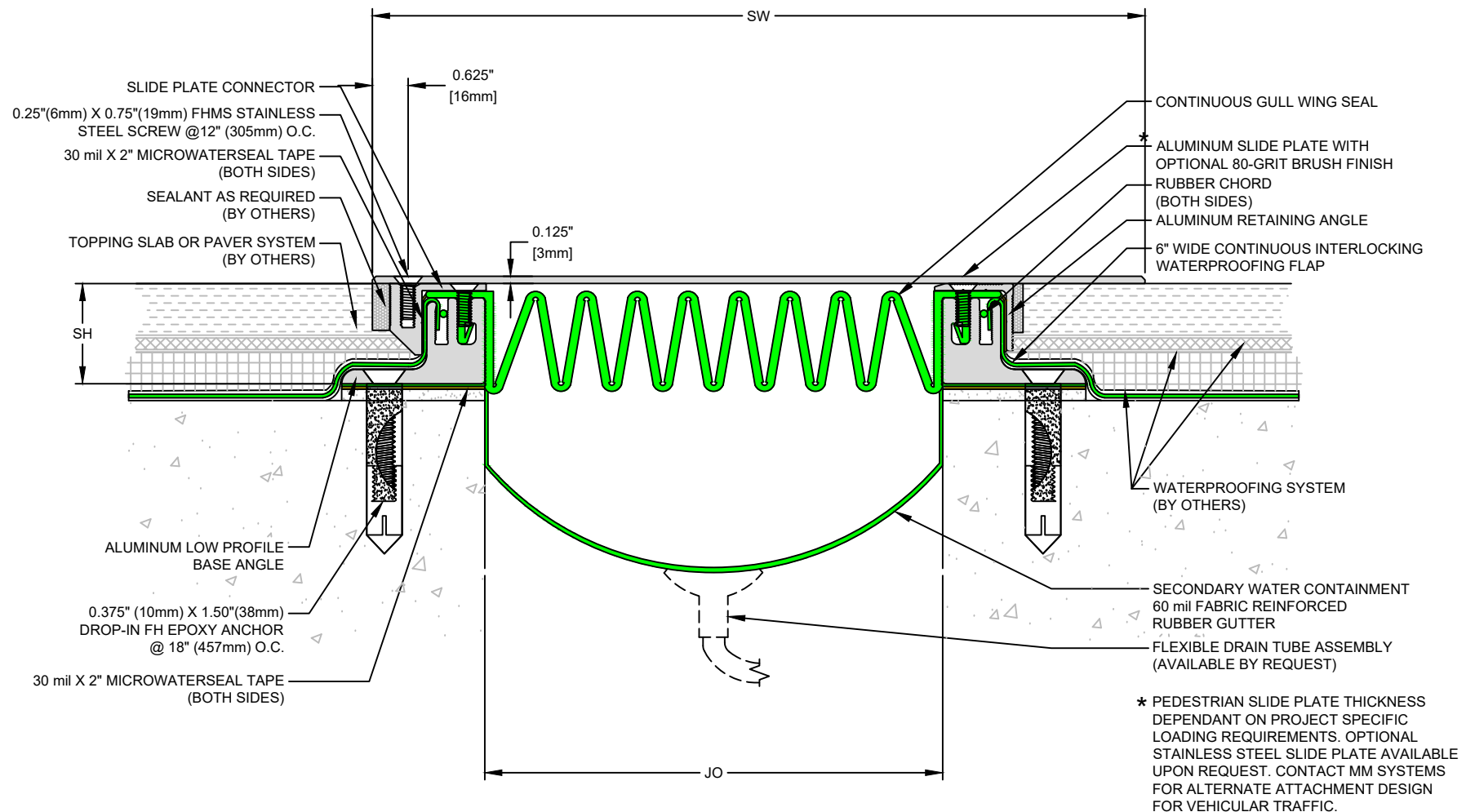
SHT. 1 OF 4

Scale:
NTS

Issue Date:
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Drawing Number:

41250-01



SSC Low Profile Expansion Joint
Sizes 650 through 1200
 (Slab-to-Slab)



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Split Slab Membrane with Cover Plate System

SSC-LP Series (550-1200)

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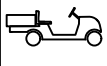
41250-01

SSC-LP SERIES EXPANSION JOINT MOVEMENT CHART

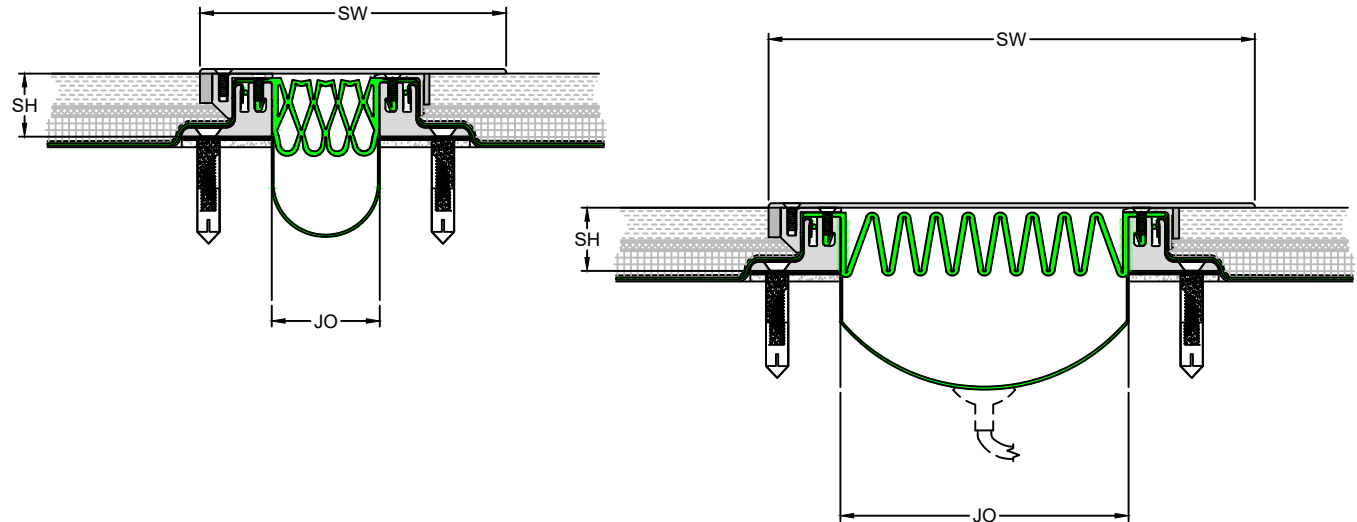
Model Number	Joint Opening (JO ^N)		Slide Plate Width (SW ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement	
SSC-LP-250	1.50	38	7.00	178	0.75	19	2.50	64	0.75	19	3.25	83	2.50	64
SSC-LP-350	2.00	51	8.00	203	1.00	25	3.50	89	1.00	25	4.25	108	3.25	83
SSC-LP-450	3.00	76	9.00	229	1.50	38	4.50	114	1.50	38	5.50	140	4.00	102
SSC-LP-550	4.00	102	10.00	254	1.50	38	5.50	140	1.50	38	6.50	165	5.00	127
SSC-LP-650	5.00	127	11.00	280	3.00	76	7.00	178	2.50	64	7.50	191	5.00	127
SSC-LP-750	6.00	152	12.50	318	4.00	102	8.00	203	3.00	76	9.00	229	6.00	152
SSC-LP-850	7.00	178	14.00	356	5.00	127	9.00	229	3.50	89	10.50	267	7.00	178
SSC-LP-950	8.00	203	15.50	394	6.00	152	10.00	254	4.00	102	12.00	305	8.00	203
SSC-LP-1000	10.00	254	18.50	470	8.00	203	12.00	305	5.00	127	15.00	381	10.00	254
SSC-LP-1200	12.00	305	22.00	559	10.00	254	14.00	356	6.00	152	16.00	406	10.00	254

Dimension shown in **inches** (bold) and millimeters. Refer to the SSC-LP AutoCAD file for individual system drawings.

LOAD TABLE

	ADA Compliant
	Shopping Cart
	Safe Walking Surface
	Maintenance Cart
	Extreme Weather

Note: The SSC loading capabilities shown above are based upon average vehicular and equipment weights, wheel types and sizes. For project-specific loading capabilities, contact MM Systems with technical data related to wheel type, contact area (footprint), distributed load per wheel, and speed of traffic.



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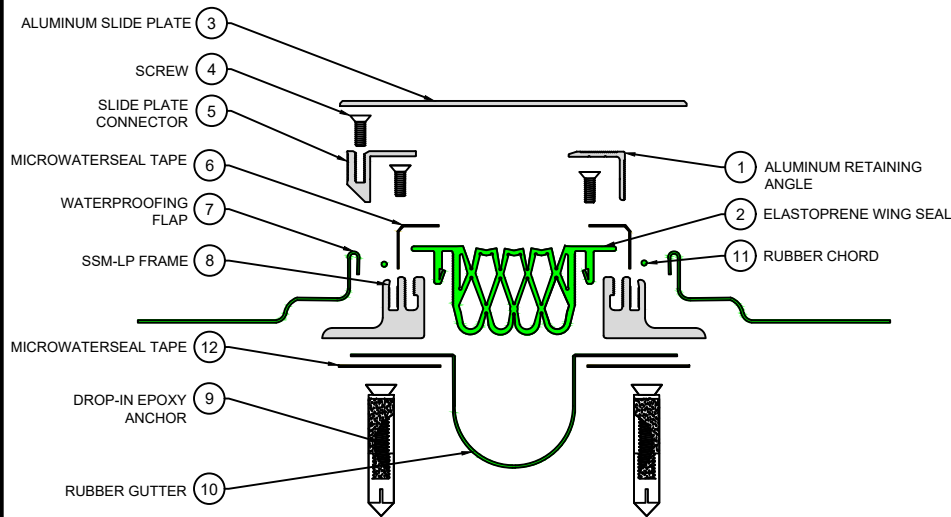
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Split Slab Membrane with Cover Plate System

SSC-LP Series (250-1200)

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SHT. 3 OF 4	Issue Date: 07/10/2025	41250-01



EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	SSC-250-LP	SSC-250-LP	SSC-450-LP	SSC-550-LP	SSC-650-LP	SSC-750-LP	SSC-850-LP	SSC-950-LP	SSC-1000-LP	SSC-1200-LP
1	Aluminum Retaining Angle	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10
2	Elastoprene Wing Seal	8385-65	8386-65	8387-65	8388-65	AA-0002	AA-0002	AA-0002	AA-0002	AA-0002	AA-0002
3	Aluminum Slide Plate	CPMA-AM-10-0700-0 0-12	CPMA-AM-10-0708-0 0-12	CPMA-AM-10-0900-0 0-12	CPMA-AM-10-1000-0 0-12	CPMA-AM-10-1100-0 0-12	CPMA-AM-10-1208-0 0-12	CPMA-AM-10-1400-0 0-12	CPMA-AM-10-1508-0 0-12	CPMA-AM-10-1808-0 0-12	CPMA-AM-10-2200-0 0-12
4	Screw	9382	9382	9382	9382	9382	9382	9382	9382	9382	9382
5	Slide Plate Connector	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10
6	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
7	Waterproofing Flap	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12
8	SSC-LP Frame	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10
9	Drop-In Epoxy Anchor	9034	9034	9034	9034	9034	9034	9034	9034	9034	9034
10	Rubber Gutter	9109-12	9109-12	9109-18	9109-18	9109-24	9109-24	9109-30	9109-30	9109-36	9109-36
11	Rubber Chord	9457	9457	9457	9457	9457	9457	9457	9457	9457	9457
12	Microwaterseal Tape	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1



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Split Slab Membrane with Cover Plate System

SSC-LP Series (250-1200)

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SHT. 4 OF 4

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07/10/2025

Drawing Number:

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