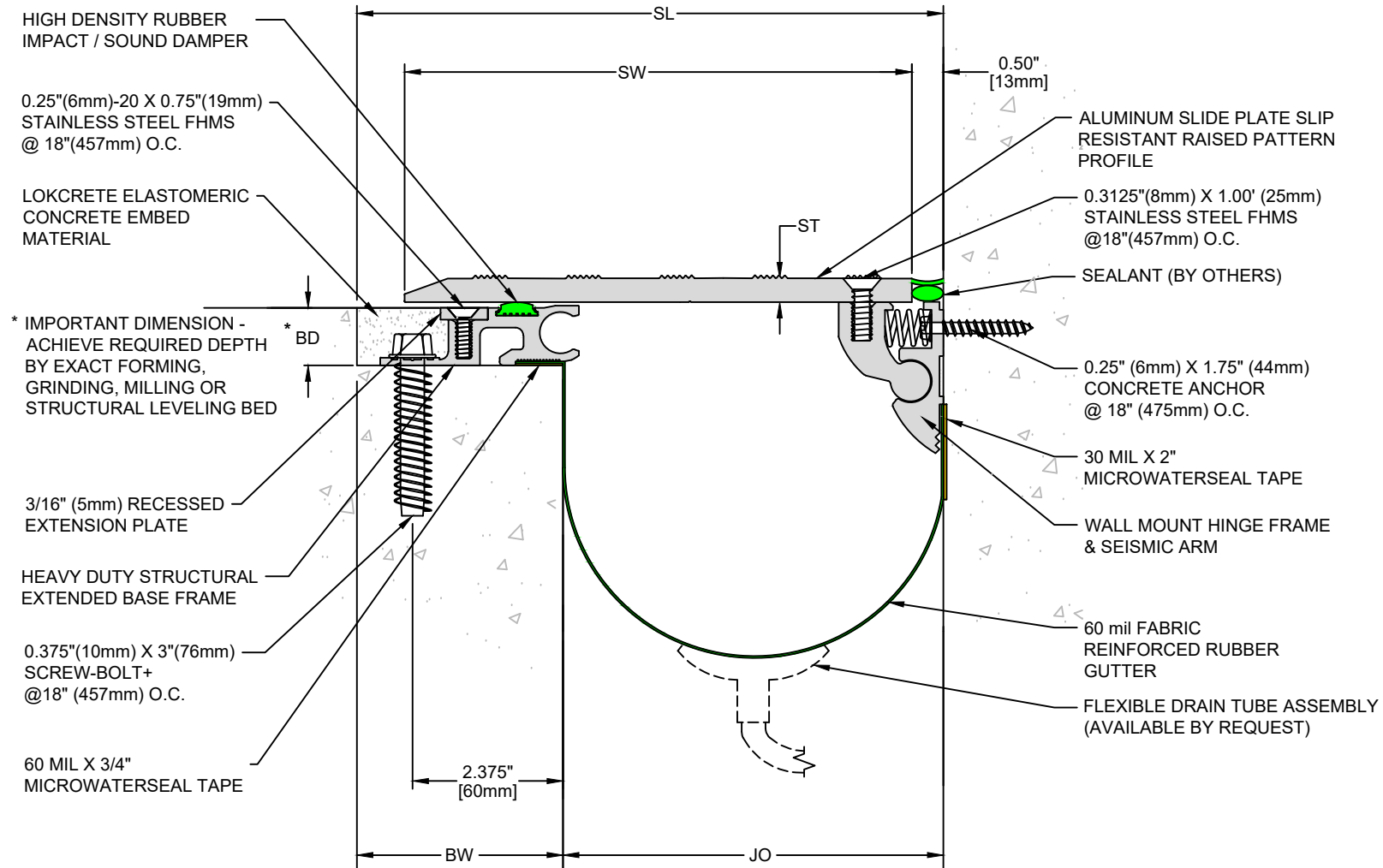




STS-C Series Expansion Joint
Sizes 200 through 1200
(Slab-to-Wall)



50 MM WAY
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Seismic Top-Mount Slide Plate

STS-C Series (200-1200)

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SHT. 1 OF 3	Issue Date: 03/20/2025	31325-02

STS-C SERIES EXPANSION JOINT MOVEMENT CHART (400-1200) / 50% MOVEMENT

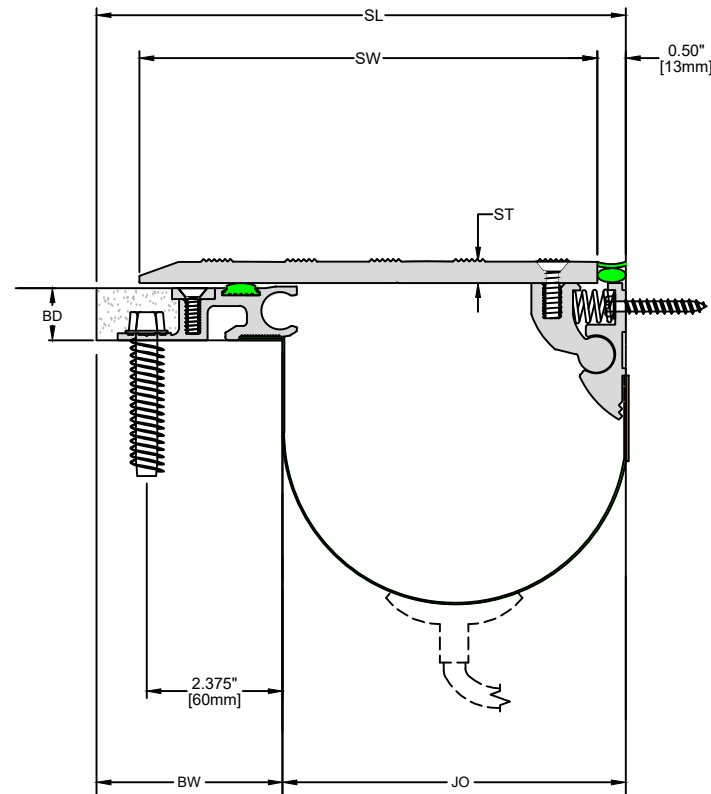
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate Thickness (ST)		Slide Plate Width (SW)		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal		Nominal		Minimum	Maximum			Minimum	Maximum			Minimum	Maximum								
STS-C-200	2.00	51	5.00	127	2.00	51	3.00	76	2.00	51	3.00	76	1.00	25	0.250	6	3.50	89	3.25	83	1.00	25
STS-C-400	4.00	102	7.25	184	2.00	51	6.00	152	2.00	51	6.00	152	4.00	102	0.250	6	5.25	133	3.25	83	1.00	25
STS-C-600	6.00	152	9.25	235	4.00	102	8.00	203	3.00	76	9.00	229	6.00	152	0.375	10	8.00	203	3.25	83	1.00	25
STS-C-800	8.00	203	11.25	286	6.00	152	10.00	254	4.00	102	12.00	305	8.00	203	0.375	10	10.75	273	3.25	83	1.00	25
STS-C-1000	10.00	254	13.50	343	8.00	203	12.00	305	5.00	127	15.00	381	10.00	254	0.375	10	13.00	330	3.25	83	1.00	25
STS-C-1200	12.00	305	16.00	406	10.00	254	14.00	356	6.00	152	18.00	457	12.00	305	0.500	13	15.50	394	3.25	83	1.00	25

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

LOAD TABLE

	Safe Walking Surface
	Auto (Low Speed)
	Emergency Vehicle (Low Speed)
	ADA Compliant
	Maintenance Cart

Note: The STS-C 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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Seismic Top-Mount Slide Plate

STS-C Series (200-1200)

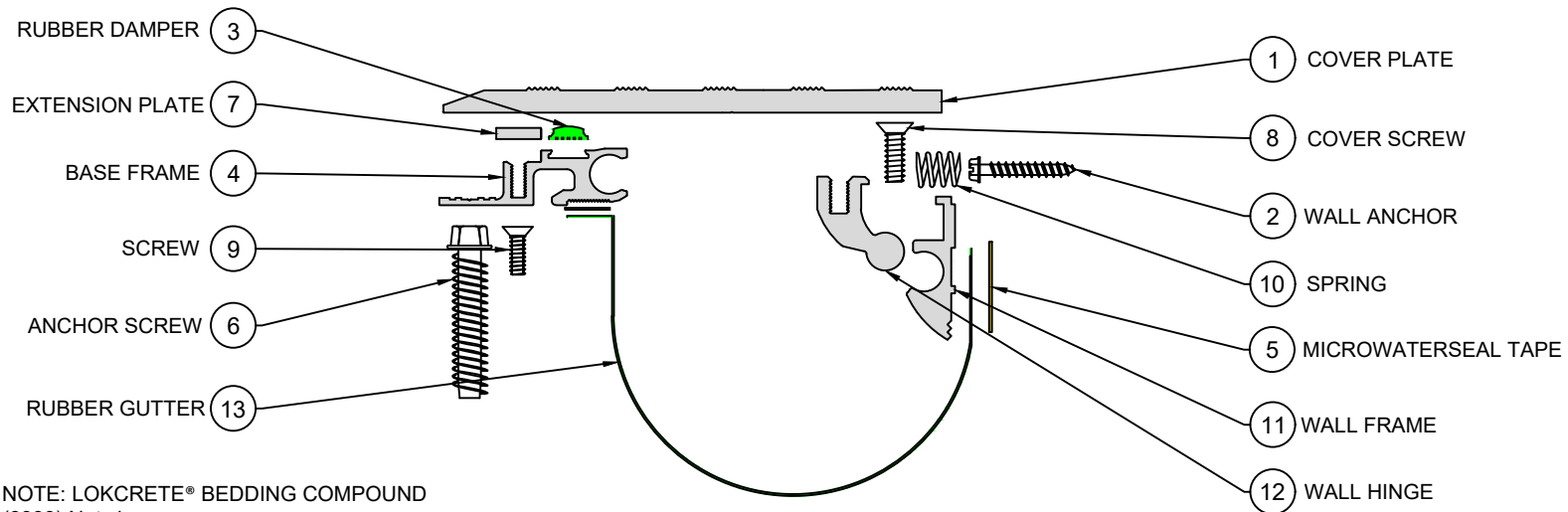
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EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	STS-C-200	STS-C-400	STS-C-600	STS-C-800	STS-C-1000	STS-C-1200
1	Cover Plate	7145#0308-M-10	7146#0504-M-10	7147#0800-M-10	7148#1012-M-10	7149#1300-M-10	7150#1508-M-10
2	Wall Anchor	9397	9397	9397	9397	9397	9397
3	Rubber Damper	8461-65	8461-65	8461-65	8461-65	8461-65	8461-65
4	Base Frame	7130-M-10	7130-M-10	7130-M-10	7130-M-10	7130-M-10	7130-M-10
5	Microwaterseal Tape	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$
6	Anchor Screw	7420	7420	7420	7420	7420	7420
7	Extension Plate	BAR-6061-3/16X3/4X144	BAR-6061-3/16X3/4X144	BAR-6061-3/16X3/4X144	BAR-6061-3/16X3/4X144	BAR-6061-3/16X3/4X144	BAR-6061-3/16X3/4X144
8	Cover Screw	9349	9349	9349	9349	9349	9349
9	Screw	9382	9382	9382-1	9382-1	9382-1	9382-1
10	Spring	8317	8317	8317	8317	8317	8317
11	Wall Frame	8358	8358	8358	8358	8358	8358
12	Wall Hinge	8357	8357	8357	8357	8357	8357
13	Rubber Gutter	9109-09	9109-14	9109-18	9109-24	9109-26	9109-26



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Seismic Top-Mount Slide Plate

STS-C Series (200-1200)

Drawn by:

LRM

Scale:

NTS

Drawing Number:

SHT. 3 OF 3

Issue Date:
03/20/2025

31325-02