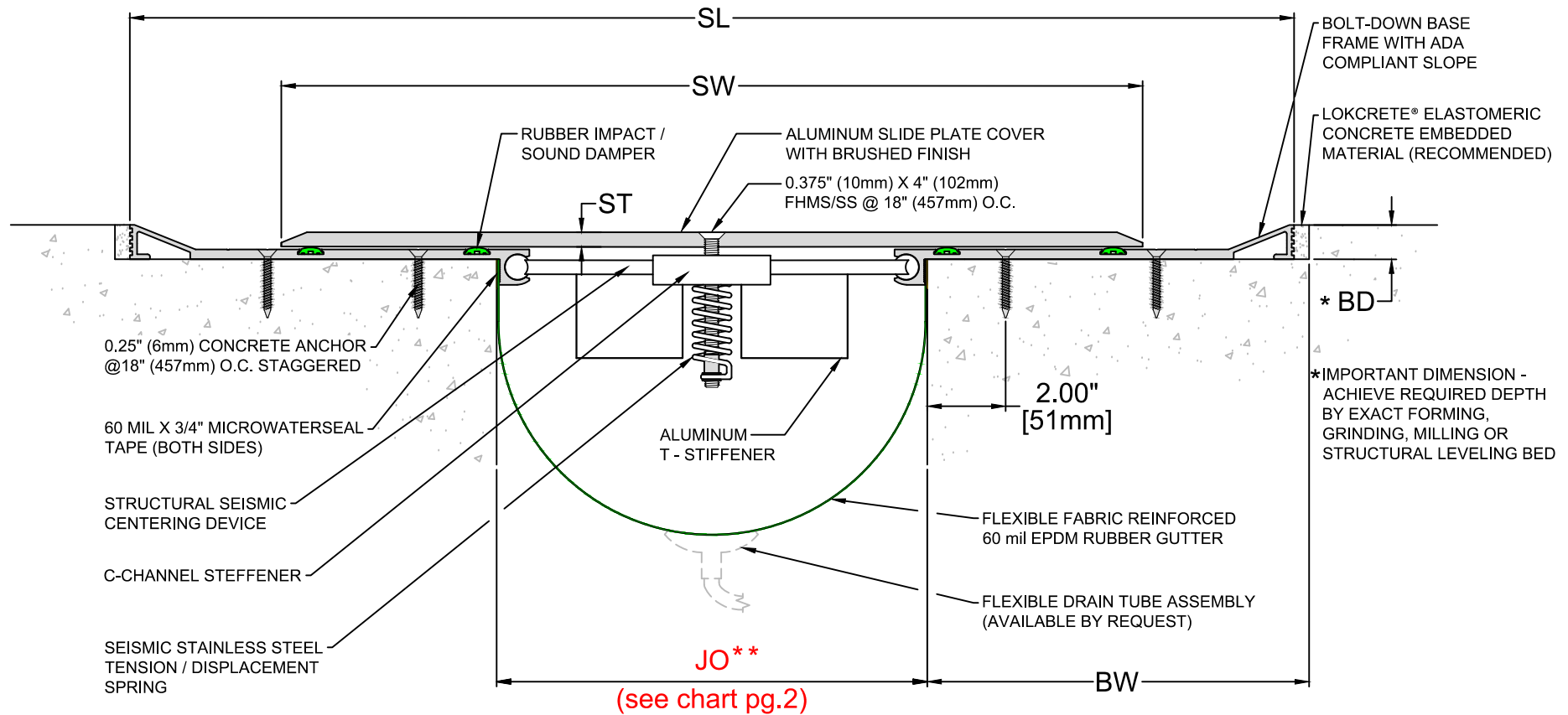




**** NOMINAL STRUCTURAL JOINT
WIDTH INCREASED 3 INCHES
TO ACCOMMODATE FULL
CLOSURE**

BIS-Plus Series Expansion Joint

**Sizes 800+ through 2000+
(Slab-to-Slab)**



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Bolt-In Seismic Expansion Joint

BIS-Plus Series (800+ to 2000+) / 100% Movement

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JRC

SHT. 1 OF 3

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Drawing Number:

30250-02B

BIS-PLUS SERIES EXPANSION JOINT MOVEMENT CHART (800-2000) / 100% MOVEMENT

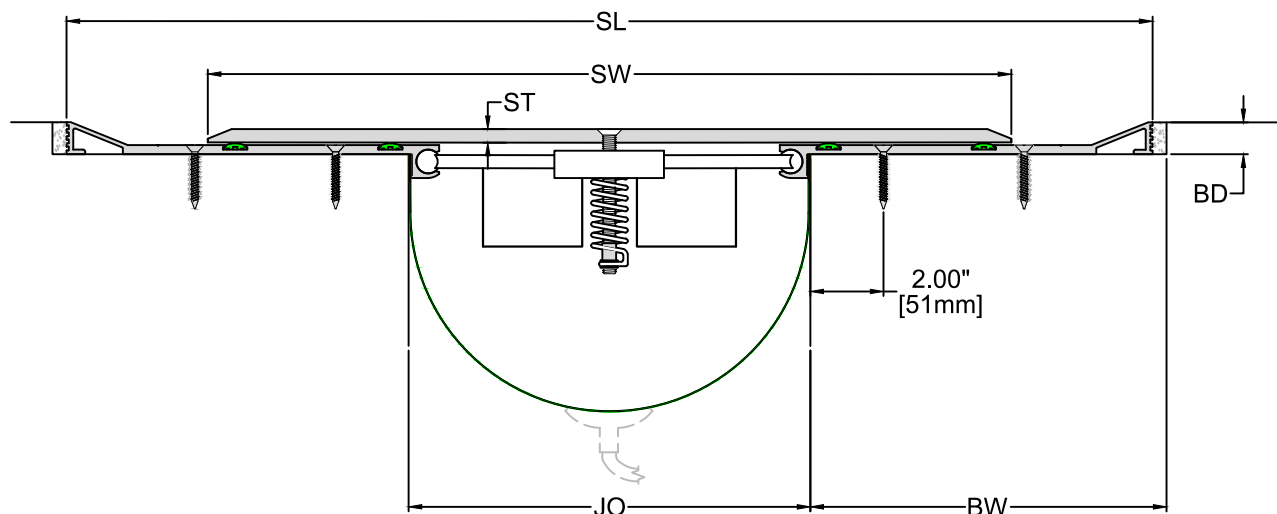
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A) Movement		Slide Plate Thickness (ST)		Slide Plate Width (SW)		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal**		Nominal		Minimum		Maximum		Minimum		Maximum											
BIS-800+	11.00	279	29.74	755	9.00	229	13.00	330	3.00	76	19.00	483	16.00	406	0.375	10	22.00	559	9.75	248	0.875	22
BIS-1000+	13.00	330	31.74	806	11.00	279	15.00	381	3.00	76	23.00	584	20.00	508	0.500	13	24.00	610	9.75	248	0.875	22
BIS-1200+	15.00	381	33.74	857	13.00	330	17.00	432	3.00	76	27.00	686	24.00	610	0.500	13	28.00	711	9.75	248	0.875	22
BIS-1400+	17.00	432	37.74	959	15.00	381	19.00	483	3.00	76	31.00	787	28.00	711	0.500	13	32.00	813	10.75	273	0.875	22
BIS-1600+	19.00	483	41.74	1060	17.00	432	21.00	533	3.00	76	35.00	889	32.00	813	0.625	16	36.00	914	11.75	298	1.000	25
BIS-1800+	21.00	533	45.74	1162	19.00	483	23.00	584	3.00	76	39.00	991	36.00	914	0.625	16	40.00	1016	12.75	324	1.000	25
BIS-2000+	23.00	584	49.74	1263	21.00	533	25.00	635	3.00	76	43.00	1092	40.00	1016	0.625	16	44.00	1118	13.75	349	1.000	25

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

****Nominal structural joint width increased 3 inches to accommodate full closure.**

LOAD TABLE	
	Auto (Low Speed)
	Maintenance Cart (Low Speed)
	Bus (Low Speed)
	AASHTO HS20 (Low Speed)
	Safe Walking Surface

Note: The BIS 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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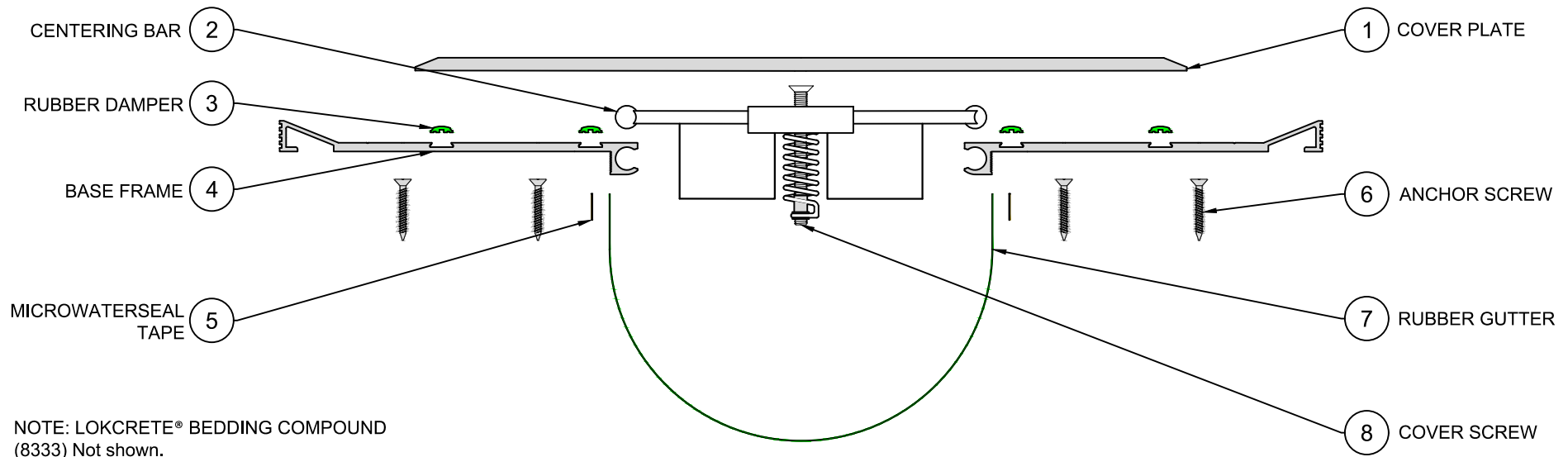
SHT. 2 OF 3

Scale:
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Drawing Number:

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EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	BIS-800+	BIS-1000+	BIS-1200+	BIS-1400+	BIS-1600+	BIS-1800+	BIS-2000+
1	Cover Plate	CPEE-AT-10-2200-02-18	CPHF-AT-10-2400-01-18	CPEF-AT-10-2800-02-18	CPEF-AT-05-3200-02-12	CPEG-AT-05-3600-02-12	CPEG-AT-05-4000-02-12	CPEG-AT-05-4400-02-12
2	Centering Bar	ASSY-SCD-2000-S001-v2	ASSY-SCD-2400-S001-v2	ASSY-SCD-2800-S001-v2	ASSY-SCD-3300-S001-v2	ASSY-SCD-3600-S001-v2	ASSY-SCD-4100-S001-v2	ASSY-SCD-4500-S001
3	Rubber Damper	8461-65	8461-65	8461-65	8461-65	8461-65	8461-65	8461-65
4	Base Frame	ASSY-71377140-M-10-00-18	ASSY-71377140-M-10-00-18	ASSY-71377140-M-10-00-18	ASSY-71377140-M-10-00-18	ASSY-71377140-M-10-00-18	ASSY-71377140-M-10-00-18	ASSY-71377140-M-10-00-18
5	Microwaterseal Tape	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$
6	Anchor Screw	9406	9406	9406	9406	9406	9406	9406
7	Rubber Gutter	9109-30	9109-33	9109-35	9109-40	9109-43	9109-47	9109-51
8	Cover Screw	8325	8325	8325	8325	8325	8325	8325



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