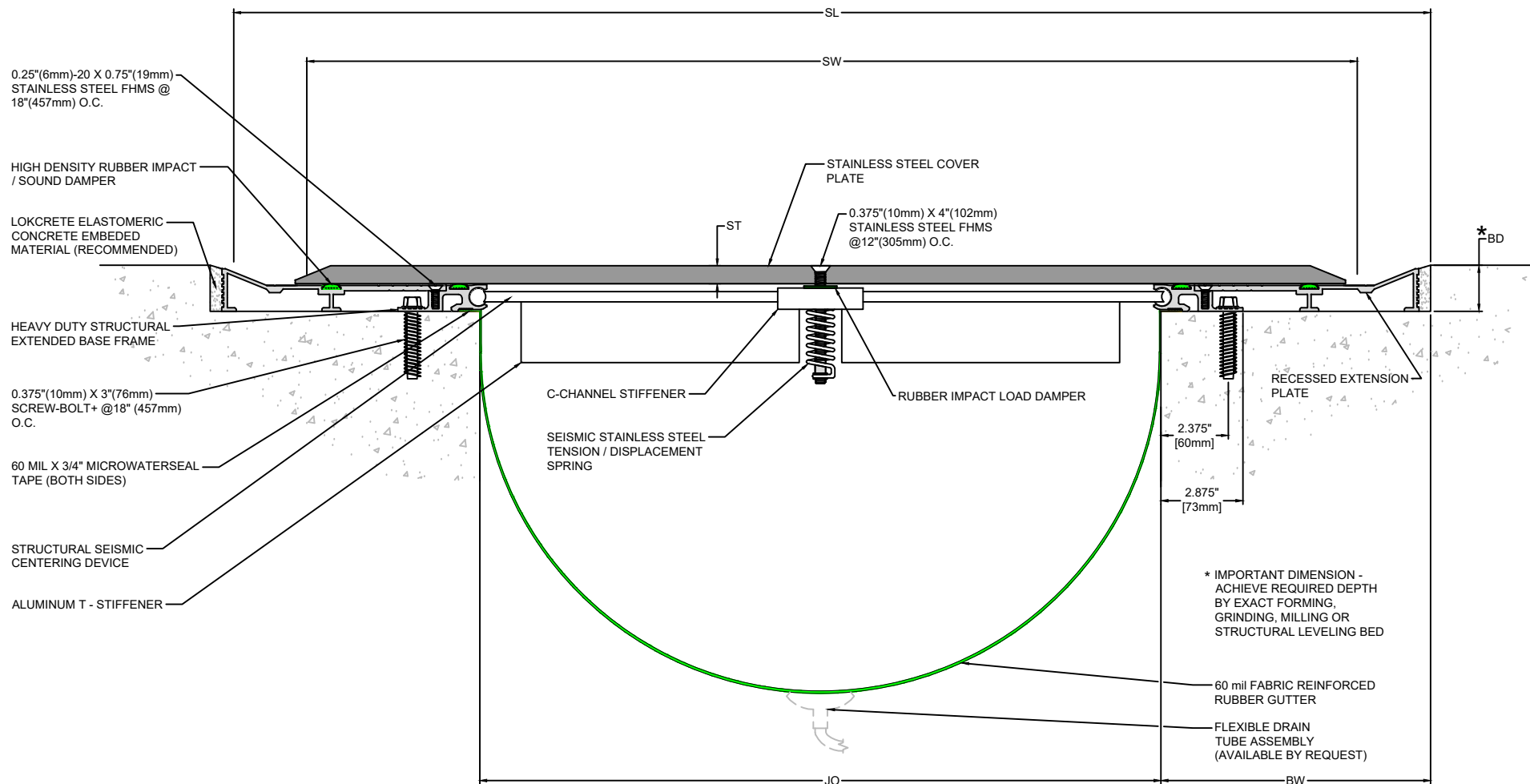




SSS Series Expansion Joint

Sizes 1400 through 2400

(Slab-to-Slab)



MM[®]
SYSTEMS

50 MM WAY
PENDERGRASS, GA. 30567
706-824-7500 PHONE

www.mm.systems

For Spec-Data, Install Guides, and other data visit www.mm.systems

RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

Seismic Stainless Steel Slide Plate Extra Heavy Duty Expansion Joint

SSS Series (1400-2400) / 50% Movement

Drawn by:
LRM

SHT. 1 OF 3

Scale:
NTS

Issue Date:
03/03/2025

Drawing Number:

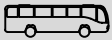
31300-02

SSS SERIES EXPANSION JOINT MOVEMENT CHART

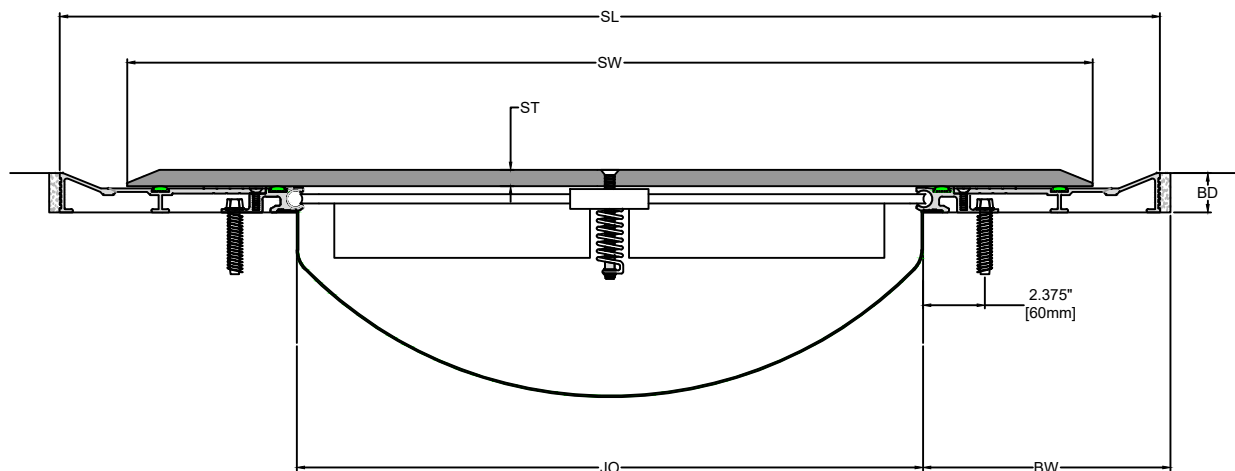
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate Thickness (ST)		Slide Plate Width (SW)		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement									
SSS-1400	14.00	51	29.00	737	12.00	305	16.00	406	7.00	178	21.00	533	14.00	356	0.50	13	22.00	559	7.50	191	1.50	38
SSS-1600	16.00	102	31.00	787	14.00	356	18.00	457	8.00	203	24.00	610	16.00	406	0.50	13	25.00	635	7.50	191	1.50	38
SSS-1800	18.00	457	34.00	864	16.00	406	20.00	508	9.00	229	27.00	686	18.00	457	0.625	16	28.00	711	8.00	203	1.625	41
SSS-2000	20.00	508	37.00	940	18.00	457	22.00	559	10.00	254	30.00	762	20.00	508	0.625	16	31.00	787	8.50	216	1.625	41
SSS-2200	22.00	559	40.00	1016	20.00	508	24.00	610	11.00	279	33.00	838	22.00	559	0.625	16	34.00	864	9.00	229	1.625	41
SSS-2400	24.00	610	43.00	1092	22.00	559	26.00	660	12.00	305	36.00	914	24.00	610	0.625	16	37.00	940	9.50	241	1.625	41

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

LOAD TABLE

	Auto (Low Speed)
	Maintenance Cart
	Emergency Vehicle (Low Speed)
	AASHTO HS20 (Low Speed)
	Bus (Low Speed)

Note: The SSS 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.



MM[®]
SYSTEMS

50 MM WAY
PENDERGRASS, GA. 30567
706-824-7500 PHONE

www.mm.systems

For Spec-Data, Install Guides, and other data visit www.mm.systems

RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

Seismic Stainless Steel Slide Plate Extra Heavy Duty Expansion Joint

SSS Series (1400-2400) / 50% Movement

Drawn by:
LRM

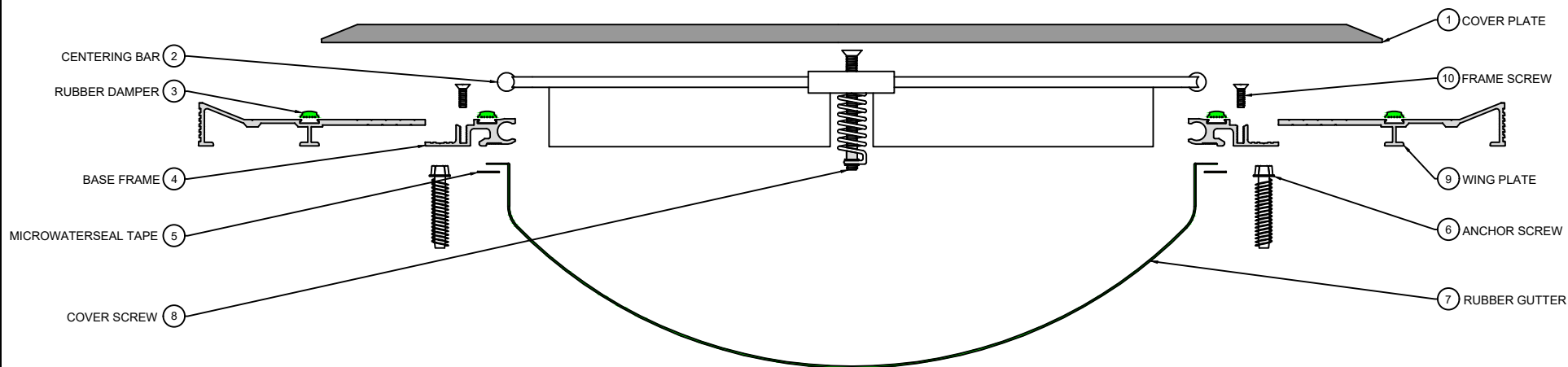
SHT. 2 OF 3

Scale:
NTS

Issue Date:
03/03/2025

Drawing Number:

31300-02



NOTE: LOKCRETE BEDDING COMPOUND
(8333) Not shown.

EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	SSS-1400	SSS-1600	SSS-1800	SSS-2000	SSS-2200	SSS-2400
1	Cover Plate						
2	Centering Bar	ASSY-SCD-2400-S001-v2	ASSY-SCD-2600-S001-v2	ASSY-SCD-2800-S001-v2	ASSY-SCD-3300-S001-v2	ASSY-SCD-3600-S001-v2	ASSY-SCD-4100-S
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	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60
6	Anchor Screw	7420	7420	7420	7420	7420	7420
7	Rubber Gutter	9109-30	9109-30	9109-35	9109-35	9109-40	9109-40
8	Cover Screw	8325	8325	8325	8325	8325	8325
9	Wing Plate	7133#0514-M-10-00-18	7133#0514-M-10-00-18	7133#0606-M-10-00-18	7133#0614-M-10-00-18	7133#0706-M-10-00-18	7133-M-10-00-
10	Frame Screw	9382	9382	9382	9382	9382	9382



MM[®]
SYSTEMS

50 MM WAY
PENDERGRASS, GA. 30567
706-824-7500 PHONE

www.mm.systems

For Spec-Data, Install Guides, and other data visit www.mm.systems

RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

Seismic Stainless Steel Slide Plate Extra Heavy Duty Expansion Joint

SSS Series (1400-2400) / 50% Movement

Drawn by:
LRM

Scale:
NTS

Drawing Number:

SHT. 3 OF 3

Issue Date:
03/03/2025

31300-02