**3-PART CSI MASTERFORMAT SPECIFICATION**

**SECTION 079513.13**

**INTERIOR EXPANSION JOINT COVER ASSEMBLIES**

Rev 10/23

1. GENERAL
	* + 1. SUMMARY
				1. Section includes:

Interior expansion joint cover assemblies.

Edit note: modify this list per project requirements

* + - 1. Related Requirements:
				1. Section 07 91 00 “Preformed Joint Seals” for preformed foam and extruded-silicone joint seals.
				2. Section 07 95 13.16 Exterior Expansion Joint cover assemblies
				3. Section 07 95 13.19 Parking Deck expansion Joint cover assemblies
				4. Floor and wall finishes: Refer to Division 09.
				5. Field painting: Refer to Section 09 91 00.
			2. COORDINATION
				1. Coordinate sizes and locations of expansion joint cover assemblies with joint widths and assumed movement.
			3. ACTION SUBMITTALS
				1. Comply with Division 01 requirements.
				2. Product Data: Manufacturer's specifications and technical data edited specifically for proposed system, including specific requirements indicated.

Detailed specification of construction and fabrication.

* + - * 1. Shop Drawings: Indicate joint device profile, dimensions, location in the work, affected adjacent construction, anchorage devices, and location of splices.
				2. Samples: Submit two 6-inch samples, illustrating operational properties of assemblies.
			1. INFORMATIONAL SUBMITTALS
				1. Sustainable Design Submittals:

Building Product Disclosure Requirements: To encourage the use of building products that are working to minimize their environmental and health impacts, provide the following information when available:

Material Ingredients Documentation demonstrating the chemical inventory of the product.

* + - 1. PERFORMANCE REQUIREMENTS
				1. Seismic Performance: Expansion joint cover assemblies shall withstand the effects of earthquake motions determined according to [ASCE/SEI 7] <Insert requirement>.
				2. Fire-Resistance Ratings: Provide expansion joint cover assemblies with fire barriers identical to those of systems tested for fire resistance according to [**UL 2079] [ASTM E 1966]** by a qualified testing agency.

Hose Stream Test: Wall-to-wall and wall-to-soffit assemblies shall be subjected to hose stream testing.

* + - 1. CLOSEOUT SUBMITTALS
				1. Manufacturer's Installation Instructions and Operation & Maintenance: Indicate installation, operation and maintenance requirements and rough-in dimensions
				2. Provide manufacturer's written warranty.
			2. DELIVERY, STORAGE AND HANDLING
				1. Comply with Division 01 requirements.
				2. Packing and Shipping: Deliver products in original unopened packaging with legible manufacturer's identification.
				3. Store per manufacturer’s instructions.

Store in dry area out of direct sunlight.

1. PRODUCTS
	* + 1. Material
				1. Aluminum: ASTM B209, ASTM B221
				2. Apply manufacturer’s standard protective coating on aluminum surfaces to be placed in contact with cementitious materials
				3. Stainless Steel: ASTM A 240/A 240M or ASTM A 666, Type 304 for plates, sheet, and strips.
				4. Brass: ASTM B 36/B 36M, UNS Alloy C26000 for half hard sheet and coil.
				5. Bronze: ASTM B 455, Alloy C38500 for extrusions; Alloy C23000 red brass for plates.
			2. MANUFACTURERs
				1. Nystrom

9300 73rd Avenue N

Minneapolis, MN 55428

PH: (800) 547-2635
www.Nystrom.com

* + - 1. FLOOR-TO-FLOOR INTERIOR EXPANSION CONTROL SYSTEMS
				1. Aluminum Flooring System Single Wing In**, [1/8 inch (3.18 mm)] [1/4 inch (6.35 mm)] [3/8 inch (9.52 mm)]** height flooring infill; accommodating horizontal thermal movement.

Basis-of-Design Product: Nystrom Model EJN-SA150

Design Criteria:

Exposed Sight-Line: 1.5 inch (37 mm).

Minimum Nominal Joint Width: 1 inch (25 mm).

Maximum Nominal Joint Width: 3 inch (76 mm).

Maximum Movement Capabilities: ± 0.5 inch (12.7 mm).

Material: Aluminum

Finish: Mill.

Attachment Method: Mechanical fasteners.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Aluminum Flooring System Double Wing Infill Application **[1/8 inch (3.18 mm)] [1/4 inch (6.35 mm)] [3/8 inch (9.52 mm)]** height flooring infill

Basis-of-Design Product: Nystrom Model EJN-DA150

Design Criteria:

Exposed Sight-Line: 3 inch (76 mm).

Minimum Nominal Joint Width: 1 inch (25 mm).

Maximum Nominal Joint Width: 3 inch (76 mm).

Maximum Movement Capabilities: ±0.5 inch (12.7 mm).

Material: Aluminum

Finish: Mill.

Attachment Method: Mechanical fasteners.

Load Capacity: Standard duty.

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Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Aluminum Hinged Flooring System Single Wing Infill Application **[1/8 inch (3.18 mm)] [1/4 inch (6.35 mm)] [3/8 inch (9.52 mm)]** height flooring infill; accommodating horizontal movement.

Basis-of-Design Product: provide Nystrom Model EJN-FA150

Design Criteria:

Exposed Sight-Line: 1.5 inch (37 mm).

Minimum Nominal Joint Width: 1 inch (25 mm).

Maximum Nominal Joint Width: 3 inch (76 mm).

Maximum Movement Capabilities: ±0.5 inch (12.7 mm).

Material: Aluminum

Finish: Mill

Attachment Method: Mechanical fasteners.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Cover plate aluminum extruded surface mount, butt joint, anti-slip serrations. **[1/8 inch (3.18 mm)] [3/8 inch (9.52 mm)]** height flooring; accommodating horizontal movement.

Basis-of-Design Product: Nystrom Model RA125

Design Criteria:

Exposed Sight-Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Movement Capabilities: ±0.5 inch (12.7 mm).

Material: 6063-T6 Aluminum

Finish: Mill.

Attachment Method: Mechanical anchors.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Aluminum Flooring System Surface Application.

Basis-of-Design Product: Nystrom Model EJN-DTDesign Criteria:

Exposed Sight-Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 0.10 inch (2.54 mm)

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum

Finish: Mill.

Attachment Method: Mechanical anchors.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Aluminum Gym Flooring System Surface Application

Basis-of-Design Product: Nystrom Model EJN-DTGDesign Criteria:

Exposed Sightline: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 0.10 inch (2.54 mm)

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum

Finish: Mill.

Gaskets: 70 duro PVC

Attachment Method: Mechanical anchors.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Flooring System No Bump Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-SFPDesign Criteria:

Exposed Sightline: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum

Finish: Mill.

Attachment Method: Mechanical anchors.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Flooring System Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-LCF

Design Criteria:

Exposed Sight-Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Block out, concrete anchor, and backfill.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Flooring System Infill Application.

Basis-of-Design Product: Nystrom Model EJN-LCFC

Design Criteria:

Exposed Sight-Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width**: [As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Flooring System Surface Application.

Basis-of-Design Product: Nystrom Model EJN-LCFS

Design Criteria:

Exposed Sight-Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum

Finish: Mill.

Seal Santoprene or equivalent:

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Flooring System Tile Application

Basis-of-Design Product: Nystrom Model EJN-LCFT

Design Criteria:

Exposed Sight Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric twin seal, surface mount, extruded aluminum base, butt joint, 1/8 inch (3.2 mm) height flooring infill, accommodating horizontal movement.

Basis-of-Design Product: Nystrom Model TMM

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Seal Width: 2 inch (51 mm).

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 1 inch (25 mm).

Maximum Joint Width **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Center plate, recessed, 3/16 inch (5 mm) stainless steel base, block out, seismic centering bar, accommodating horizontal movement.

Basis-of-Design Product: Nystrom Model SFX

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 1 inch (25 mm).

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Stainless steel:

Finish: Brush.

Attachment Method: Block out, concrete anchor, and backfill.

Load Capacity: Vehicular traffic.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Flooring System Recessed Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-SFG.

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 1 inch (25 mm).

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum:

Finish: Mill.

Attachment Method: Block out, concrete anchor, and backfill.

Load Capacity: Vehicular traffic.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Flooring System Surface Blockout Application

Basis-of-Design Product: Nystrom Model EJN-SFC

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 1 inch (25 mm).

Maximum Joint Width **[As indicated on Drawings] <Insert width>.**

Material: Aluminum:

Finish: Mill.

Attachment Method: Block out, concrete anchor, and backfill.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Flooring System Renovation Blockout Application

Basis-of-Design Product: Nystrom Model EJN-SFB

Design Criteria

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 1 inch (25 mm).

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum:

Finish: Mill.

Attachment Method: Block out, concrete anchor, and backfill and mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Flooring System Surface Application

Basis-of-Design Product: NystromModelEJN-SFE

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 1 inch (25 mm).

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum:

Finish: Mill.

Attachment Method: Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Glide Flooring System Infill Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-NBR

Design Criteria:

Exposed Sight Line: **[As indicated on Drawings] <Insert width>.**

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum:

Finish: Mill.

Attachment Method: Block out, Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Glide Flooring System No-Bump Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-NBF

Design Criteria:

Exposed Sight Line: **[As indicated on Drawings] <Insert width>.**

Nominal System Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum:

Finish: Mill.

Attachment Method: Block out, Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Pan Flooring System Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-FLP

Design Criteria:

Exposed Sight Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum:

Finish: Mill.

Attachment Method: Block out, concrete anchor, backfill and mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Slide plate, surface mount, aluminum base, block out, integrated moisture barrier, 1/4 inch (6.4 mm) flooring infill; accommodating seismic movement with lateral shear.

Basis-of-Design Product: Nystrom Model FLC

Design Criteria:

Exposed Sight Line: 0.75 inch (19 mm).

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

System Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: 6063-T6 Aluminum:

Finish: Mill.

Attachment Method: Block out, concrete anchor, and backfill.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic, expanding foam, watertight, wax and asphalt free, non-invasive anchoring compression seal.

Basis-of-Design Product: Nystrom Model HES

Design Criteria:

Exposed Sight Line: Joint width.

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: 6063-T6 Aluminum:

Silicone bellows with foam sealant

Attachment Method: Self-compression with silicone sealant and 2 part epoxy.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Integrated.

* + - * 1. Small Joint compression seal designed for use in vertical and horizontal joints. Expanding foam, watertight, wax and asphalt free, non-invasive anchoring compression seal

Basis-of-Design Product: Nystrom Model SER

Design Criteria:

Exposed Sight Line: Joint width.

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Silicone bellows with foam sealant

Attachment Method: Self-compression with silicone sealant and 2 part epoxy.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Integrated.

* + - * 1. Seismic, Fire rated 2 hour, expanding foam, watertight, wax and asphalt free, non-invasive anchoring compression seal.

Basis-of-Design Product: Nystrom Model FHES2

Design Criteria:

Exposed Sight Line: Joint width.

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Silicone bellows with foam sealant

Attachment Method: Self-compression with silicone sealant and 2 part epoxy.

Load Capacity: Standard duty.

Fire-Resistance Rating: 2 Hour.

Moisture Barrier: Integrated.

* + - * 1. Fire-rated 3 Hour, expanding foam, watertight, wax and asphalt free, non-invasive anchoring compression seal.

Basis-of-Design Product: Nystrom Model FHES3

Design Criteria:

Exposed Sight Line: Joint width.

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Silicone bellows with foam sealant

Attachment Method: Self-compression with silicone sealant and 2 part epoxy.

Load Capacity: Standard duty.

Fire-Resistance Rating: 3 Hour.

Standard: Meets UL-2079, ASTM E-119, E-1966 and E1399.

* + - * 1. Seismic, Security, Fire rated 2 hour, expanding foam, watertight, wax and asphalt free, non-invasive anchoring compression seal.

Basis-of-Design Product: Nystrom Model PHES2

Design Criteria:

Exposed Sight Line: Joint width.

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Silicone bellows with foam sealant

Attachment Method: Self-compression with silicone sealant and 2 part epoxy.

Load Capacity: Standard duty.

Fire-Resistance Rating: 2 Hour.

Moisture Barrier: Integrated.

* + - * 1. Fire-rated 3 Hour, Security, expanding foam, watertight, wax and asphalt free, non-invasive anchoring compression seal.

Basis-of-Design Product: Nystrom Model PHES3

Design Criteria:

Exposed Sight Line: Joint width.

Nominal Joint Width: 1 inch (25.4 mm)

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Silicone bellows with foam sealant

Attachment Method: Self-compression with silicone sealant and 2 part epoxy.

Load Capacity: Standard duty.

Fire-Resistance Rating: 3 Hour.

Standard: Meets UL-2079, ASTM E-119, E-1966 and E1399.

* + - 1. FLOOR-TO-WALL INTERIOR EXPANSION CONTROL SYSTEMS
				1. Seismic Aluminum Flooring System Renovation Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-SFBw

Design Criteria

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 1 inch (25 mm).

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum:

Finish: Mill.

Attachment Method: Block out, concrete anchor, and backfill and mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer’s standard

* + - * 1. Seismic Aluminum Flooring System Surface Application.

Basis-of-Design Product: NystromModelEJN-SFEw

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 1 inch (25 mm).

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum:

Finish: Mill.

Attachment Method: Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Aluminum Flooring System Surface Application.

Basis-of-Design Product: Nystrom Model EJN-DTw

Design Criteria:

Exposed Sight-Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 0.10 inch (2.54 mm)

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum

Finish: Mill.

Attachment Method: Mechanical anchors.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Aluminum Hinged Flooring System Single Wing Infill Application **[1/8 inch (3.18 mm)] [1/4 inch (6.35 mm)] [3/8 inch (9.52 mm)]** height flooring infill; accommodating horizontal movement.

Basis-of-Design Product: Nystrom Model EJN-FA150w

Design Criteria:

Exposed Sight-Line: 1.5 inch (37 mm).

Minimum Nominal Joint Width: 1 inch (25 mm).

Maximum Nominal Joint Width: 3 inch (76 mm).

Maximum Movement Capabilities: ±0.5 inch (12.7 mm).

Material: Aluminum

Finish: Mill

Attachment Method: Mechanical fasteners.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Cover plate aluminum extruded surface mount, anti-slip serrations; accommodating horizontal thermal movement.

Basis-of-Design Product: Nystrom Model SW-300, 1 inch (25.4 mm) to 3 inch (76 mm) Joint Opening

Design Criteria:

Exposed Sight-Line: 5 inch (127 mm).

Nominal Joint Width: 1 inch (25.4 mm) to 3 inch (76 mm).

Maximum Joint Size: 4.5 inch (11.43 mm), Note: ½” overlap onto floor structure must be maintained.

Minimum Joint Size: 1 inch (25.4 mm)

Material: 6063-T6 Aluminum

Finish: Mill.

Attachment Method: Mechanical anchors.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Flooring System Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-LCFw,

Design Criteria:

Exposed Sight-Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Block out, concrete anchor, and backfill.

Load Capacity: Standard duty..

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Flooring System No Bump Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-SFPw

Design Criteria:

Exposed Sightline: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum

Finish: Mill.

Attachment Method: Mechanical anchors.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Flooring System Infill Application.

Basis-of-Design Product: Nystrom Model EJN-LCFCw

Design Criteria:

Exposed Sight-Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint System Width: **[As indicated on Drawings] <Insert width>.**

Seal Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Flooring System Surface Application.

Basis-of-Design Product: Nystrom Model EJN-LCFSw

Design Criteria:

Exposed Sight-Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Flooring System Tile Application

Basis-of-Design Product: Nystrom Model EJN-LCFTw,

Design Criteria:

Exposed Sight Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric twin seal, surface mount, extruded aluminum base, butt joint, 1/8 inch (3.2 mm) height flooring infill; accommodating horizontal thermal movement.

Basis-of-Design Product: Nystrom Model TMMw,

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Seal Width: 2 inch (51 mm).

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Center plate, recessed, 3/16 inch (9.5 mm) stainless steel base, block out, seismic centering bar; accommodating seismic movement.

Basis-of-Design Product: Nystrom Model SFXw,

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 1 inch (25 mm).

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Stainless Steel.

Finish: Brush.

Attachment Method: Block out, concrete anchor, and backfill.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Flooring System Recessed Blockout Application

Basis-of-Design Product: Nystrom Model EJN-SFGw,

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 1 inch (25 mm).

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: aluminum.

Finish: Mill.

Attachment Method: Block out, concrete anchor, and backfill.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Flooring System Surface Blockout Application

Basis-of-Design Product: Nystrom Model EJN-SFCw

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 1 inch (25 mm).

Maximum Joint Width **[As indicated on Drawings] <Insert width>.**

Material: Aluminum.

Finish: Mill.

Attachment Method: Block out, concrete anchor, and backfill.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Glide Flooring System Infill Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-NBRw

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum.

Finish: Mill.

Attachment Method: Block out, Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Glide Flooring System No-Bump Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-NBFw

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum.

Finish: Mill.

Attachment Method: Block out, Mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Pan Flooring System Blockout Application.

Basis-of-Design Product: Nystrom Model EJN-FLPw,

Design Criteria:

Exposed Sight-line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: aluminum.

Finish: Mill.

Attachment Method: Block out, concrete anchor, backfill, and mechanical anchor.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Slide plate, surface mount, aluminum base, block out, integrated moisture barrier, ¼-inch (6.4-mm) flooring infill; accommodating seismic movement.

Basis-of-Design Product: Nystrom Model FLCw,

Design Criteria:

Exposed Sight-line: 0.75 inch (19 mm).

System Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: 6063-T6 aluminum.

Finish: Mill.

Attachment Method: Block out, concrete anchor, and backfill.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - 1. WALL-TO-WALL INTERIOR EXPANSION CONTROL SYSTEMS
				1. Aluminum Wall System Surface Snap-On Application.

Basis-of-Design Product: Nystrom Model EJN-WJ

Design Criteria:

Exposed Sight-line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 0.4 inch (10 mm).

Maximum Joint Width:

Material: aluminum.

Finish: Clear Anodized.

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Wall & Ceiling System Recessed Application.

Basis-of-Design Product: Nystrom Model EJN-LCWF

Design Criteria:

Exposed Sight-line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Ceiling System Acoustical Tile Application.

Basis-of-Design Product: Nystrom Model EJN-LCA

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Elastomeric Corridor Wall & Ceiling System Drywall Bead Application.

Basis-of-Design Product: Nystrom Model EJN-LCD

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Seal Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Elastomeric Corridor Ceiling System Acoustical Tile Application.

Basis-of-Design Product: Nystrom Model EJN-LCE

Design Criteria:

Exposed Sight-Line **[As indicated on Drawings] <Insert width>.**

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Elastomeric Wall & Ceiling System Interior Recessed Application.

Basis-of-Design Product: Nystrom Model EJN-LCH

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Pantograph Mechanism for units 8-inches (20.3-cm) through 24-inches (61-cm)

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Elastomeric Corridor Wall & Ceiling System surface application.

Basis-of-Design Product: Nystrom Model EJN-LCS

Design Criteria:

Exposed Sightline **[As indicated on Drawings] <Insert width>.**

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Wall & Ceiling System Drywall Bead Application.

Basis-of-Design Product: Nystrom Model EJN-LCW

Design Criteria:

Exposed Sight-line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Wall & Ceiling System Surface Application.

Basis-of-Design Product: Nystrom Model EJN-LCWS

Design Criteria:

Exposed Sight-line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Dual elastomeric seal, flush, extruded aluminum base, surface mount, seismic centering bar, recessed plate to accept decorative wall covering; accommodating seismic movement with lateral shear.

Basis-of-Design Product: Nystrom Model SWNB

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 2 inch (51 mm).

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

6063-T6 Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Glide System Surface Application

Basis-of-Design Product: Nystrom Model EJN-NBW

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum.

Finish: Clear anodized.

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Glide Plate, extruded aluminum, surface mount, slide plate; accommodating seismic movement with lateral shear.

Basis-of-Design Product: Nystrom Model EJN-WCS

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum.

Finish: Clear anodized.

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Wall & Ceiling System Surface Application.

Basis-of-Design Product: Nystrom Model EJN-FCT

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: [**[As indicated on Drawings] <Insert width>.**

Material: Aluminum.

Finish: Clear anodized.

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

* + - * 1. Seismic, expanding foam, watertight, wax and asphalt free, non-invasive anchoring compression seal.

Basis-of-Design Product: Nystrom Model SES

Design Criteria:

Exposed Sight Line: **[As indicated on Drawings] <Insert width>.**

System Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Silicone bellows with foam sealant

Attachment Method: Self-compression with silicone sealant and 2 part epoxy.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Small Joint compression seal designed for use in vertical and horizontal joints. Expanding foam, watertight, wax and asphalt free, non-invasive anchoring compression seal.

Basis-of-Design Product: Nystrom Model SER

Design Criteria:

Exposed Sight Line: **[As indicated on Drawings] <Insert width>.**

System Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Silicone bellows with foam sealant

Attachment Method: Self-compression with silicone sealant and 2 part epoxy.

Load Capacity: Standard duty.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Integrated.

* + - * 1. Seismic, Fire-rated 2 Hour, expanding foam, watertight, wax and asphalt free, non-invasive anchoring compression seal.

Basis-of-Design Product: Nystrom Model FES2

Design Criteria:

Exposed Sight Line: **[As indicated on Drawings] <Insert width>.**

System Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Silicone bellows with foam sealant

Attachment Method: Self-compression with silicone sealant and 2 part epoxy.

Load Capacity: Standard duty.

Fire-Resistance Rating: 2 Hour.

Standard: Meets UL-2079, ASTM E-119, E-1966 and E1399.

* + - * 1. Fire-rated 3 Hour, expanding foam, watertight, wax and asphalt free, non-invasive anchoring compression seal.

Basis-of-Design Product: Nystrom Model FES3

Design Criteria:

Exposed Sight Line: **[As indicated on Drawings] <Insert width>.**

System Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Silicone bellows with foam sealant

Attachment Method: Self-compression with silicone sealant and 2 part epoxy.

Load Capacity: Standard duty.

Fire-Resistance Rating: 3 Hour.

Standard: Meets UL-2079, ASTM E-119, E-1966 and E1399.

* + - * 1. Seismic, Security, Fire-rated 2 Hour, expanding foam, watertight, wax and asphalt free, non-invasive anchoring compression seal.

Basis-of-Design Product: Nystrom Model PSES2

Design Criteria:

Exposed Sight Line: **[As indicated on Drawings] <Insert width>.**

System Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width **[As indicated on Drawings] <Insert width>.**

Material: Silicone bellows with foam sealant

Attachment Method: Self-compression with silicone sealant and 2 part epoxy.

Load Capacity: Standard duty.

Fire-Resistance Rating: 2 Hour.

Standard: Meets UL-2079, ASTM E-119, E-1966 and E1399.

* + - 1. WALL-CEILING CORNER INTERIOR EXPANSION CONTROL SYSTEMS
				1. Aluminum Wall System Surface Snap-On Application.

Basis-of-Design Product: Nystrom Model EJN-WJw,

Design Criteria:

Exposed Sight-line: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: 0.5 inch (13 mm).

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: 6063-T5 Aluminum

Finish: Mill.

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Wall & Ceiling System Drywall Bead Application.

Basis-of-Design Product: Nystrom Model EJN-LCWw,

Design Criteria:

Exposed Sight-line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners..

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Wall & Ceiling System Surface Application.

Basis-of-Design Product: Nystrom Model EJN-LCWSw,

Design Criteria:

Exposed Sight-line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric seal, extruded aluminum base, surface mount with drywall bead; accommodating horizontal thermal movement.

Basis-of-Design Product: Nystrom Model LCWM

Design Criteria:

Exposed Sight-line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

6063-T6 Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners..

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Elastomeric Corridor Wall & Ceiling System Drywall Bead Application.

Basis-of-Design Product: Nystrom Model EJN-LCDw

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Elastomeric Corridor Ceiling System Acoustical Tile Application.

Basis-of-Design Product: Nystrom Model EJN-LCAw,

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Elastomeric Corridor Ceiling System Acoustical Tile Application.

Basis-of-Design Product: Nystrom Model EJN-LCEw

Design Criteria:

Exposed Sight-Line: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Elastomeric Corridor Wall & Ceiling System surface application..

Basis-of-Design Product: Nystrom Model EJN-LCSw

Design Criteria:

Exposed Sightline **[As indicated on Drawings] <Insert width>.**

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Dual elastomeric seal, flush, extruded aluminum base, surface mount, seismic centering bar, recessed to accept decorative wall covering, accommodating seismic movement with lateral shear.

Basis-of-Design Product: Nystrom Model SWNBw

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

6063-T6 Aluminum.

Finish: Mill.

Seal: Santoprene or equivalent.

Color: [**Beige**] [**White**] [**Gray**] [**Black**].

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Glide System Surface Application.

Basis-of-Design Product: Nystrom Model EJN-NBWw

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Clear anodized.

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Glide plate, extruded aluminum, surface mount, slide plate; accommodating seismic movement with lateral shear.

Basis-of-Design Product: Nystrom Model EJN-WCSw

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material:

Aluminum.

Finish: Clear anodized.

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - * 1. Seismic Aluminum Wall & Ceiling System Surface Application.

Basis-of-Design Product: Nystrom Model EJN-FCTw

Design Criteria:

System Width: **[As indicated on Drawings] <Insert width>.**

Nominal Joint Width: **[As indicated on Drawings] <Insert width>.**

Minimum Joint Width: **[As indicated on Drawings] <Insert width>.**

Maximum Joint Width: **[As indicated on Drawings] <Insert width>.**

Material: Aluminum.

Finish: Clear anodized.

Attachment Method: Mechanical fasteners.

Fire-Resistance Rating: Provide expansion control system and fire-barrier assembly with a rating not less than [**that of adjacent construction**] <**Insert rating**>.

Moisture Barrier: Manufacturer's standard.

* + - 1. FABRICATION
				1. Shop assembly components and package with anchors and fittings.
				2. Provide joint components in single lengths wherever practical. Minimize Site splicing.
				3. Back paint components in contact with cementitious materials to prevent electrolysis.
				4. Galvanize concealed ferrous metal anchors and fastening devices.
				5. Floor expansion joint covers along accessible routes must comply with 2010 ADA Standards, including beveling of vertical offsets greater than 1/4 inch height.
1. EXECUTION
	* + 1. EXAMINATION
				1. Verify that rough openings for joint covers are correctly sized and located.
				2. Verify block outs are in place, where required.
			2. PREPARATION
				1. Provide anchoring devices for installation and embedment.
				2. Provide templates or rough-in measurements.
			3. INSTALLATION
				1. Install components and accessories to comply with manufacturer's instructions.

Exterior conditions: Heat weld splices and intersections to form a continuous joint system.

* + - * 1. Align work plumb and level, flush with adjacent surfaces.
				2. Rigidly anchor to substrate to prevent movement or misalignment.
				3. Where required install flexible fire barrier to comply with manufacturer's instructions.

END OF SECTION