

# ICC-ES Evaluation Report

**ESR-1042**

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**DIVISION: 05 00 00—METALS****Section: 05 40 00—Cold Formed Metal Framing****DIVISION: 07 00 00—THERMAL AND MOISTURE  
PROTECTION****Section: 07 84 00—Firestopping****DIVISION: 09 00 00—FINISHES****Section: 09 22 16.13—Non-Structural Metal Stud  
Framing****REPORT HOLDER:****SLIPTRACK SYSTEMS**

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[www.sliptrack.com](http://www.sliptrack.com)**EVALUATION SUBJECT:****SLP-TRK® SLOTTED STEEL TRACKS FOR INTERIOR  
PARTITIONS AND EXTERIOR NONLOAD-BEARING  
WALL SYSTEMS****1.0 EVALUATION SCOPE****Compliance with the following codes:**

- 2006 *International Building Code*® (IBC)
- 1997 *Uniform Building Code*™ (UBC)

**Properties evaluated:**

- Structural
- Fire resistance

**2.0 USES****2.1 SLP-TRK Slotted Track:**

The SLP-TRK Slotted Track is a top track that is recognized for use in interior one- and two-hour fire-resistance-rated, nonload-bearing, light-gage steel framed wall assemblies, described in this report, as a fire-resistive joint capable of vertical movement which may be caused by thermal, seismic, wind loading or any other load. For fire-resistance-rated construction, SLP-TRK Slotted Track sections may be used in assemblies described in Items 13-1.1, 13-1.2 and 13-1.3 of Table 720.1(2) of the IBC, and Items 16-1.1 and 16-1.3 of Table 7-B of the UBC.

**2.2 SLP-TRK Expansion Joint System:**

The SLP-TRK Slotted Track expansion joint system provides positive attachment of stud to slotted-top track in

non-fire-resistance-rated and fire-resistive joints designed to accommodate vertical movement, in compliance with Section 713.2 of the IBC and Section 706.2 of the UBC. The SLP-TRK, when installed in accordance with Figures 1 and 2, is designed for an allowable total vertical movement of 1 inch (+/-1/2 inch) [25.4 mm (+/-12.7 mm)].

**3.0 DESCRIPTION**

The SLP-TRK consists of a slotted flange formed from cold-formed sheet steel. The SLP-TRK Slotted Track sections are roll-formed into U-shaped channel sections, in widths of 2 1/2, 3 5/8, 4, 6 and 8 inches (63.5, 92, 102, 152 and 203 mm). The sections are formed from steel having design base-metal thicknesses of 0.0188, 0.0346, 0.0451, 0.0566 or 0.0713 inch [0.478, 0.879, 1.146, 1.438 and 1.811 mm (No. 25, 20, 18, 16 and 14 gage)]. The section track legs (flanges) are 2 1/2 inches (63.5 mm) in length, and have 1/4-inch-wide-by-1 1/2-inch-long (6.4 mm by 38 mm) vertical slots spaced every 1 inch (25.4 mm) along the length of the section. See the isometric detailed and enlarged track elevation in Figure 1.

The SLP-TRK Slotted Track section properties shown in Table 1 are based on Section 2210 of the IBC and Chapter 22, Division VII, of the UBC. The maximum wall heights shown in Table 2 are based on the allowable lateral loads for steel stud wall partitions supported at the top with SLP-TRK. Wall heights based on stud strength and stiffness need to be considered. The minimum thickness of the steel delivered to the jobsite must be 95 percent of the design thickness. The design of the steel studs and attachment of the SLP-TRK Slotted Track to the structure are beyond the scope of this report.

**3.1 Components:**

**3.1.1 Steel:** SLP-TRK Slotted Track sections are formed from 0.0566- and 0.0713-inch-thick [1.437 and 1.811 mm (No. 16 and 14 gage)] steel complying with ASTM A 653 SS, Grade 50. Sections cold-formed from steel thicknesses of 0.0188, 0.0346 and 0.0451 inch [0.478, 0.879 and 1.145 mm (No.25, No. 20 and No. 18 gage)] comply with ASTM A 653 SS, Grade 33. The continuous angle used in SLP-TRK System 3 is 1 1/2-inch-by-1 1/2-inch (38 mm by 38 mm), No. 25 gage [0.0188 inch (0.0477 mm)], galvanized steel complying with ASTM A 653 SS, Grade 33. The continuous angle (Mesh Angle) used in SLP-TRK Slotted Track System 6 is 1 1/2-inch-by-2 3/4-inch (38 mm by 70 mm), No. 25 gage [0.0188 inch (0.0477 mm)] galvanized steel complying with ASTM A 653 SS, Grade 33. The No. 25, No. 20 and No. 18 gage steel sections have a G-40 galvanized coating, while No.16 and No. 14 gage steel sections have G-60 galvanized coating.

**3.1.2 Gypsum:** The  $\frac{5}{8}$ -inch-thick (15.9 mm), Type X gypsum wallboard must comply with ASTM C 36-97.

**3.1.3 Fire Protection Material:** The recognized fire protection gypsum board sheets, fill, void or cavity material, forming material and fire stop sealant materials, are described in Figures 3, 4, 5 and 6.

**3.1.4 Fasteners:** The top of the stud must be fastened through the SLP-TRK Slotted Track with No. 8 by  $\frac{9}{16}$ -inch (14 mm), wafer head, self-tapping screws. The  $1\frac{1}{2}$ -inch-by- $1\frac{1}{2}$ -inch (38 mm by 38 mm) steel angle must be attached to 4-inch wide (drywall rip) gypsum wallboard using minimum No. 6 by  $1\frac{1}{4}$ -inch-long (28.6 mm) drywall screws. There shall be no attachment through the slotted track that will impair movement.

## 4.0 INSTALLATION

### 4.1 SLP-TRK Expansion Joint System:

The attachment of the SLP-TRK Slotted Track to the stud is accomplished by using minimum No. 8 by  $\frac{9}{16}$ -inch-long (14 mm), wafer head screws as shown in Figures 1 and 2. The screws are installed into each side of the SLP-TRK Slotted Track through the center of the slots designed for upward and downward movement. Screw gun installation of the screws ensures a positive attachment of the stud framing members (in compliance with ASTM C-754) to the SLP-TRK Slotted Track, but still permits vertical movement of the top track system. The fasteners shall penetrate the stud section a minimum of three threads.

Connection of the SLP-TRK Slotted Track to the ceiling or floor must be based on the material substrate and the maximum allowable lateral load noted in Table 2.

### 4.2 Fire-resistance-rated Construction:

The fire-resistance rating of the wall assembly with the SLP-TRK is maintained when installation is in accordance with Figures 3, 4, 5 and 6 of this report and is approved by the code official.

## 5.0 CONDITIONS OF USE

The SLP-TRK Slotted Track described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

**5.1** SLP-TRK tracks must be installed and identified in accordance with this report, the applicable code and the manufacturer's instructions.

**5.2** Connections of the SLP-TRK to floors and ceilings substrates, as noted in Figure 2 of this report, are considered to be fire-resistive joints designed to accommodate vertical movement as defined in Section 713 of the IBC or Section 706 of the UBC, as applicable

**5.3** Fire-resistive-rated wall assemblies incorporating the SLP-TRK Slotted Track are limited to the assemblies described in Figures 3, 4, 5 or 6 of this report.

**5.4** Load reactions resulting from wall heights shall be checked with structural properties noted in Table 1 and allowable lateral loads noted in Table 2.

**5.5** Complete plans, details and calculations for each project, verifying compliance with this report, must be submitted to the building official for approval.

**5.6** The uncoated minimum steel thickness of cold-formed members, as delivered to the jobsite, must be at least 95 percent of the designed base- metal thickness as specified in this report.

**5.7** SLP-TRK Slotted Tracks support steel studs designed without considering composite interaction between the wall covering and the steel wall framing.

**5.8** SLP-TRK Slotted Tracks are manufactured by CEMCO in the City of Industry, California; CEMCO in Pittsburg, California; Dietrich Metal Framing in Colton, California; and Dietrich Metal Framing in Warren, Ohio.

## 6.0 EVIDENCE SUBMITTED

**6.1** Data in accordance with Appendix B of the ICC-ES Acceptance Criteria for Cold-formed Steel Framing Members (AC46), dated February 2011.

**6.2** Test reports in accordance with UL 2079 test standards.

## 7.0 IDENTIFICATION

Each SLP-TRK Slotted Track section is identified with the name "SLP-TRK", the minimum base steel thickness, the minimum yield strength (if over 33 ksi) and the evaluation report number (ESR-1042). In addition, each pallet of slotted track is identified with the company name (Sliptrack Systems), the steel thickness, and the section designation in accordance with Section 2203.1 of the IBC or Section 2203 of the UBC, as applicable.

TABLE 1—STRUCTURAL PROPERTIES OF SLP-TRK TOP TRACK

MINIMUM DESIGNATION	DESIGN THICKNESS (inch)	CROSS SECTION PROPERTIES							EFFECTIVE SECTION PROPERTIES			
		Fy (ksi)	Weight (lbs/ft)	Area (in <sup>2</sup> )	Ix (in <sup>4</sup> )	rx (in)	Iy (in <sup>4</sup> )	ry (in)	Ix (in <sup>4</sup> )	Sx (in <sup>3</sup> )	Iy (in <sup>4</sup> )	Sy (in <sup>3</sup> )
2.50025	0.01880	33	0.484	0.142	0.074	0.720	0.171	1.096	0.051	0.037	0.151	0.121
3.62525		33	0.556	0.163	0.086	0.728	0.390	1.546	0.051	0.037	0.390	0.180
4.0025		33	0.580	0.170	0.090	0.727	0.477	1.674	0.051	0.037	0.384	0.160
6.0025		33	0.708	0.208	0.105	0.710	1.190	2.392	0.052	0.037	0.868	0.260
8.0025		33	0.836	0.246	0.115	0.685	2.377	3.111	0.052	0.037	1.546	0.360
2.5002	0.0346	33	0.882	0.260	0.175	0.822	0.308	1.089	0.155	0.099	0.174	0.210
3.6250		33	1.014	0.298	0.201	0.820	0.740	1.575	0.200	0.067	0.530	0.151
4.0000		33	1.058	0.311	0.207	0.815	0.914	1.714	0.203	0.067	0.661	0.175
6.0000		33	1.294	0.380	0.233	0.783	2.236	2.424	0.215	0.068	1.705	0.299
8.0000		33	1.529	0.450	0.252	0.748	4.318	3.099	0.221	0.068	3.469	0.384
3.6250	0.0451	33	1.321	0.389	0.260	0.818	0.966	1.577	0.260	0.088	0.763	0.196
4.0000		33	1.379	0.405	0.268	0.813	1.193	1.715	0.268	0.088	0.946	0.227
6.0000		33	1.685	0.496	0.303	0.781	2.916	2.425	0.298	0.089	2.353	0.434
8.0000		33	1.992	0.586	0.326	0.746	5.630	3.100	0.310	0.089	4.692	0.618
3.6250	0.0566	50	1.657	0.487	0.325	0.816	1.225	1.585	0.325	0.110	0.983	0.244
4.0000		50	1.730	0.509	0.335	0.811	1.511	1.724	0.335	0.111	1.216	0.284
6.0000		50	2.115	0.622	0.378	0.779	3.679	2.432	0.374	0.111	3.003	0.543
8.0000		50	2.499	0.735	0.407	0.744	7.090	3.106	0.389	0.112	5.949	0.792
3.6250	0.0713	50	2.087	0.614	0.406	0.813	1.566	1.597	0.406	0.138	1.381	0.306
4.0000		50	2.178	0.641	0.419	0.808	1.929	1.735	0.419	0.139	1.698	0.356
6.0000		50	2.663	0.783	0.472	0.776	4.671	2.442	0.472	0.140	4.102	0.680
8.0000		50	3.148	0.926	0.509	0.742	8.979	3.114	0.509	0.141	7.915	1.100

TABLE 2—MAXIMUM WALL HEIGHTS WITH SLP-TRK TOP TRACK<sup>1,2,3,7</sup>

SLP-TRK TOP TRACK GAGE <sup>4</sup>	MAXIMUM HEIGHT OF WALL (ft) <sup>5</sup>												ALLOWABLE LATERAL LOAD (lb) <sup>6,7</sup>
	Stud Spacing on Center (in)												
	12	16	24	12	16	24	12	16	24	12	16	24	
	Uniform Lateral Load												
	5 psf			10 psf			20 psf			40 psf			
25 ga.	13.2	9.9	—	—	—	—	—	—	—	—	—	—	33
20 ga.	55.2	41.5	27.6	27.6	20.8	13.8	13.8	10.4	—	—	—	—	138
18 ga.	65.2	49.0	32.6	32.6	24.5	16.3	16.3	12.3	8.2	8.2	—	—	163
16 ga.	123.2	92.6	61.6	61.6	46.3	30.8	30.8	23.2	15.4	15.4	11.6	—	308
14 ga.	136.8	102.9	68.4	68.4	51.4	34.2	34.2	25.7	17.1	17.1	12.9	8.6	342

For SI: 1 inch = 25.4 mm, 1 psf = 0.0479 kN/m<sup>2</sup>, 1 lb. = 4.45 N, 1 foot = 304.8 mm.

<sup>1</sup>SLP-TRK Top Track maximum wall height is based on allowable lateral load imposed on the top of a wall. Wall studs shall be determined independently. Heights based on wall allowable bending stress need to be considered.

<sup>2</sup>The allowable reaction is the point load allowed into the Slip Track imposed by a single stud. This loading is derived from testing, with the ultimate load being that load which produces a 1/16-inch permanent set in the SLP-TRK flanges.

<sup>3</sup>Screw location at 1/4 inches from track web. Studs to be secured to SLP-TRK Top Track using No. 8 wafer head screws.

<sup>4</sup>16 gage material is 50,000 psi; 16, 18, 20 and 25 gage material is 33,000 psi.

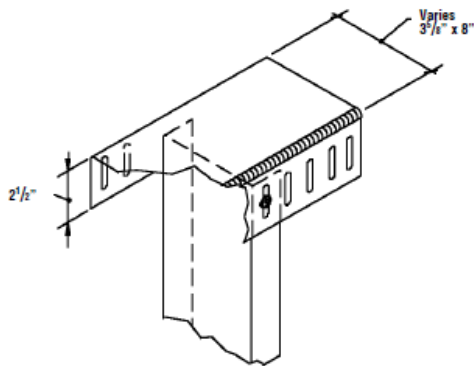
<sup>5</sup>The maximum wall heights are valid for allowable lateral loads shown. No additional loads are permitted to be placed on SLP-TRK.

<sup>6</sup>The allowable lateral load indicated can be increased by a factor of 1.33 for wind and seismic loading.

<sup>7</sup>This table applies to the five SLP-TRK widths having the same design thickness as recognized in Table 1.

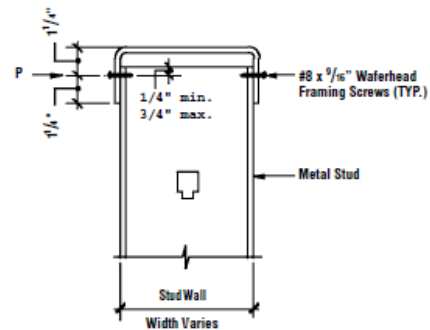
# INTERIOR AND EXTERIOR PARTITION DEFLECTION SYSTEM

SLP-TRK® Slotted Top Track



Isometric View of Vertical Slotted Sliptrack

Single Track Deflection System

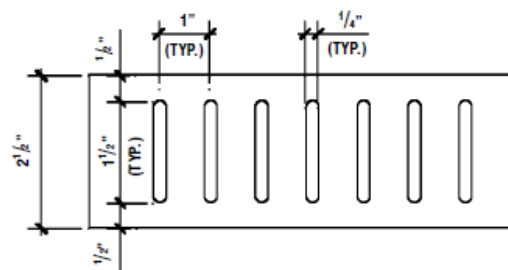


Slotted Top Track System

## HEAD OF WALL ISOMETRIC AND SECTION DETAIL (STANDARDS)

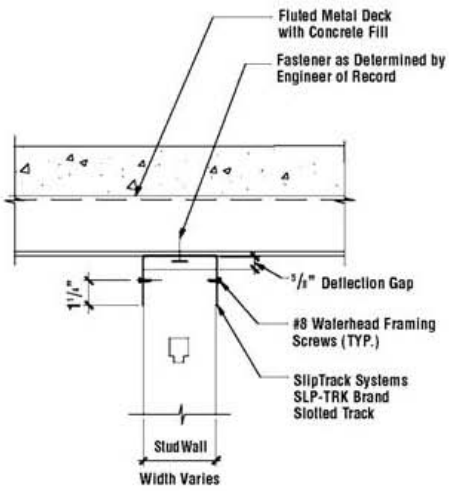
**Notes:**

1. Fire-rated assemblies shall comply to UL 2079 Test Standard
2. Load data based on Twining Laboratories Load Test #95-9080 / 9/11/1995
3. Sliptrack Systems Slotted Track – SLP-TRK®
4. Track is 16, 18, 20 and 25 Gauge
5.  $F_y = 50$  ksi for 16 Gauge Members  
 $F_y = 33$  ksi for 18, 20 and 25 Gauge Members
6. SLP-TRK® Single Track Systems: A second top track is not required
7. The engineer of record for a site-specific project is responsible for the design of the connection to the structure.
8. Space requirement for deflection minimum 1/2" maximum of 1"
9. Partition studs at 12", 16", or 24" o/c typically. Studs attached to tracks with #8 x 9/16 wafer head screws
10. For larger details or CAD downloads visit [www.sliptrack.com](http://www.sliptrack.com)
11. See Figure 2 thru 6 for various installation details
12. For One and Two hour fire rated designs as tested per UL-2079 Reference [www.sliptrack.com](http://www.sliptrack.com) or [www.ul.com](http://www.ul.com) (select certification in left navigation bar, find company name, insert sliptrack, initiate search)
13. Obtain site specific approval from the Project Architect and Building Official having jurisdiction. Submit data and installation details via the project submittal process prior to field installations.

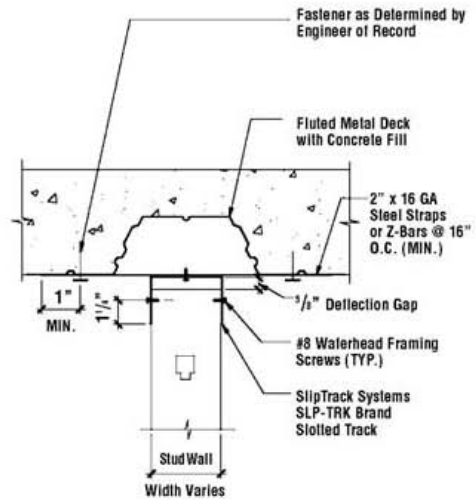


Enlarged Track Elevation

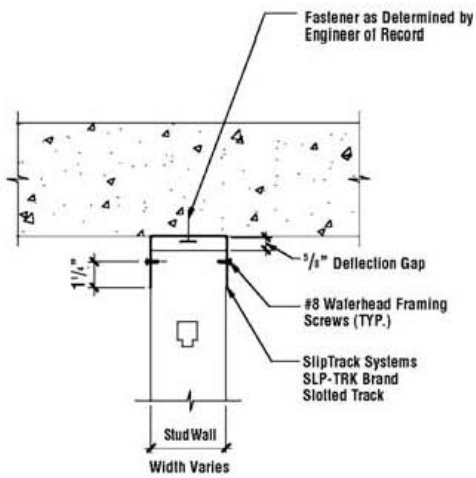
FIGURE 1



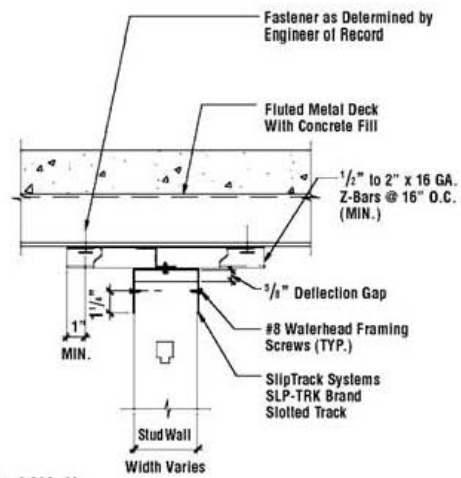
Head of Wall Perpendicular to Flute



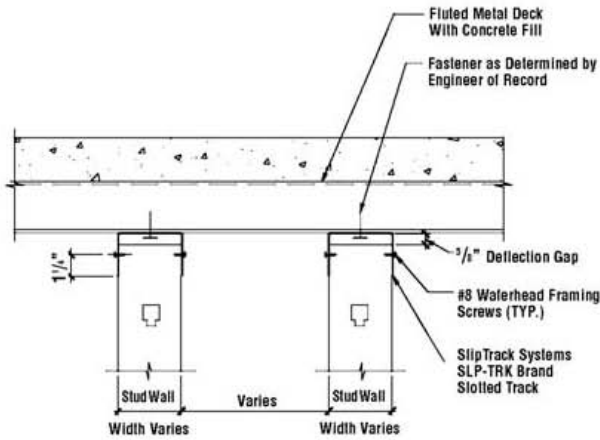
Head of Wall Parallel to Flute



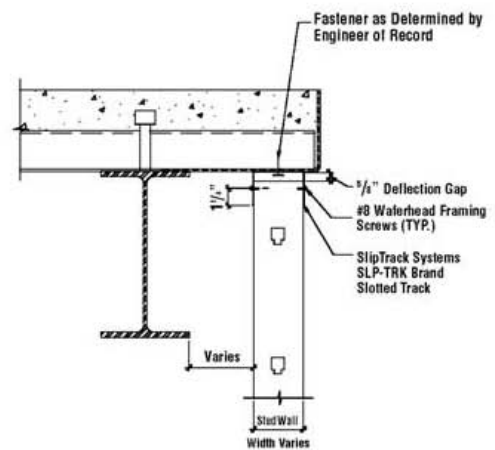
Head of Wall at Concrete Slab or Exterior



Head of Wall Z-Bar to Accommodate Deck Fireproofing

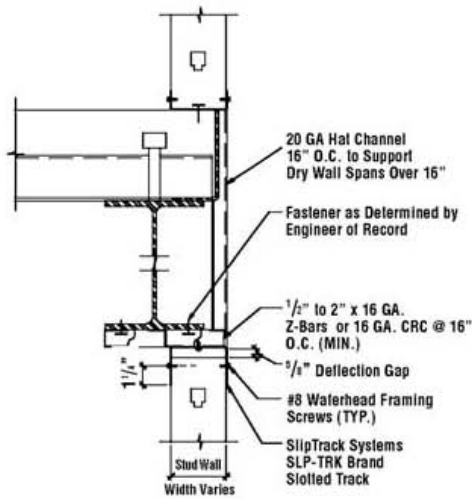


Head of Wall Chase Wall

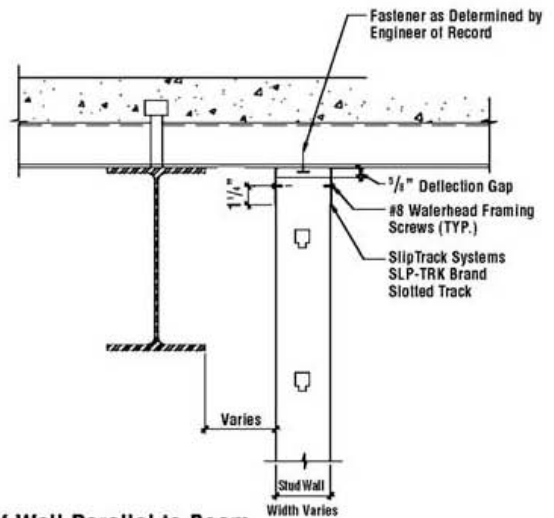


Head of Wall at Slab Edge or Exterior

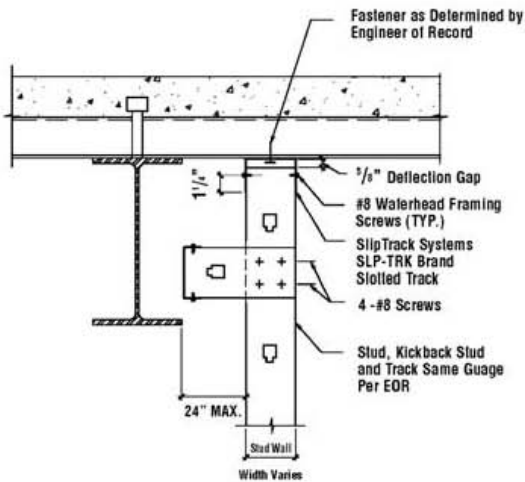
FIGURE 2



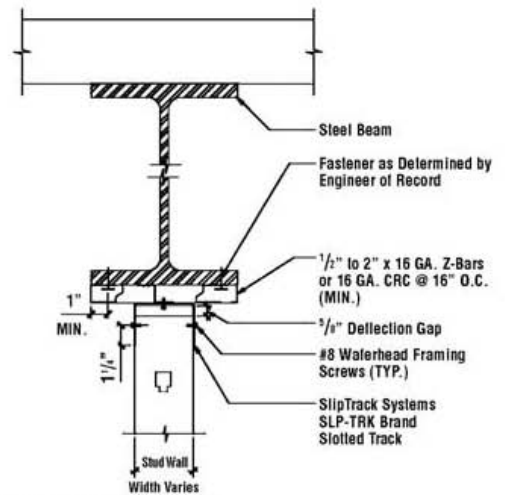
Head of Wall at Stair Shaft or Exterior



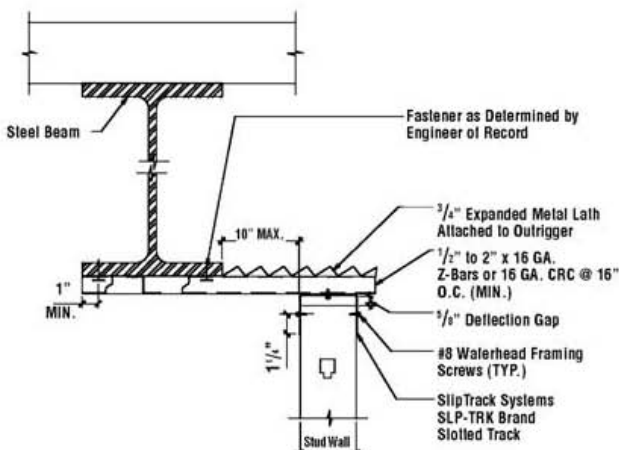
Head of Wall Parallel to Beam



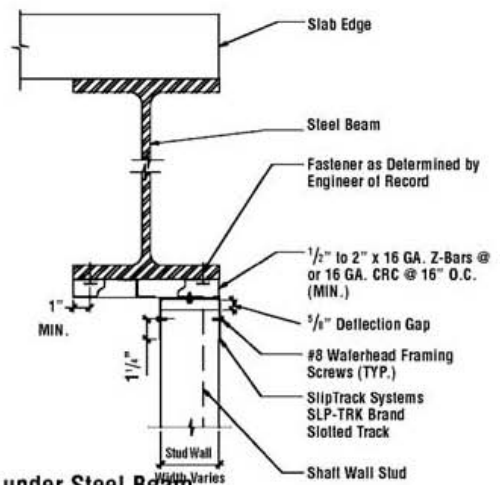
Head of Wall Parallel to Beam - Optional



Head of Wall under Steel Beam Z - Bar to Accommodate Beam Fireproofing

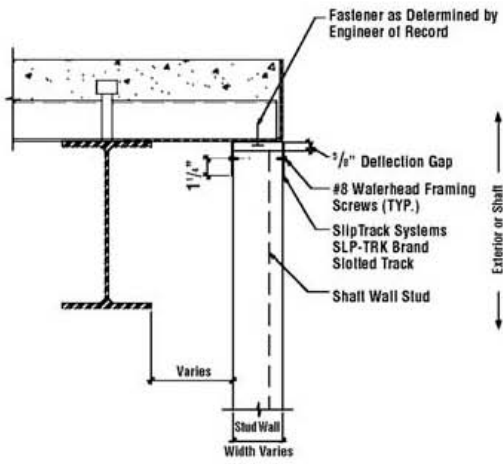


Head of Wall offset from Steel Beam Z - Bar to Accommodate Beam Fireproofing

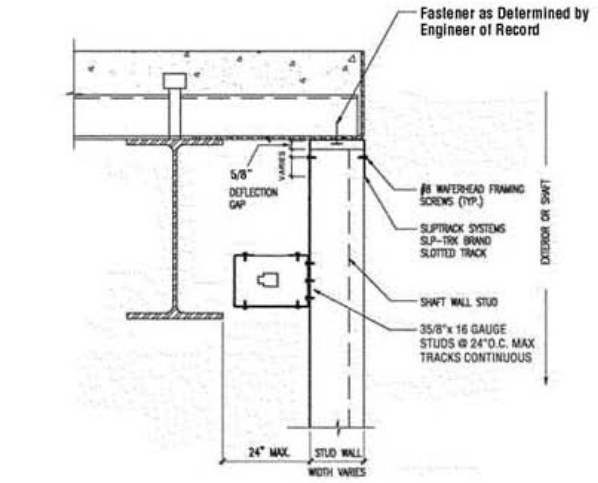


Shaft Wall under Steel Beam Z - Bar to Accommodate Beam Fireproofing

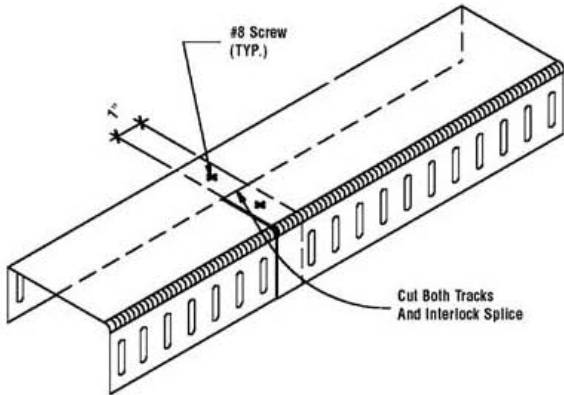
FIGURE 2 (Continued)



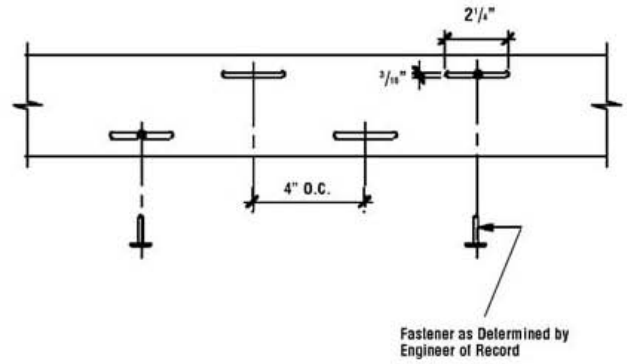
Shaft Wall at Slab Edge or Exterior



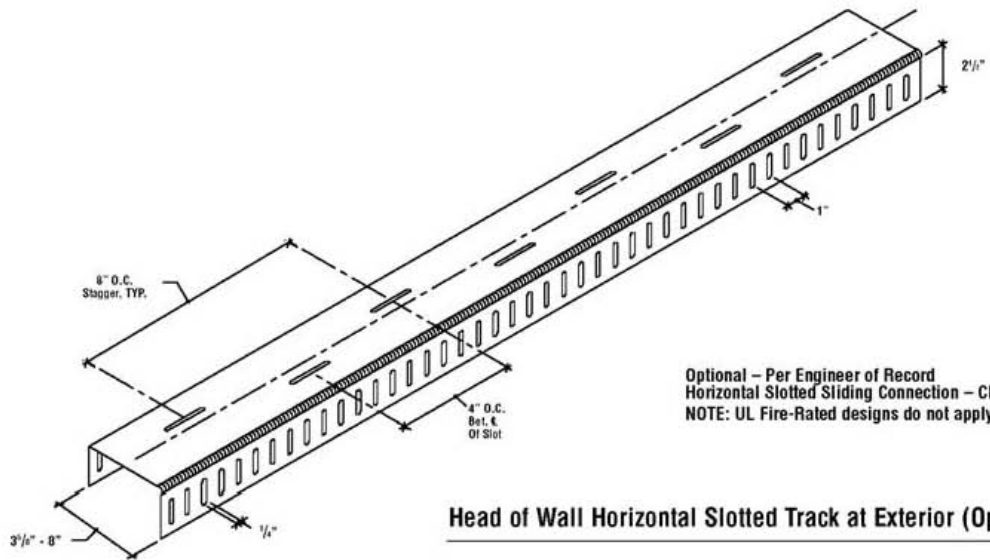
Shaft Wall at Slab Edge or Exterior - Optional



Interlock Splice Detail



Horizontal Slotted Web Top Track Section at Exterior (Optional)

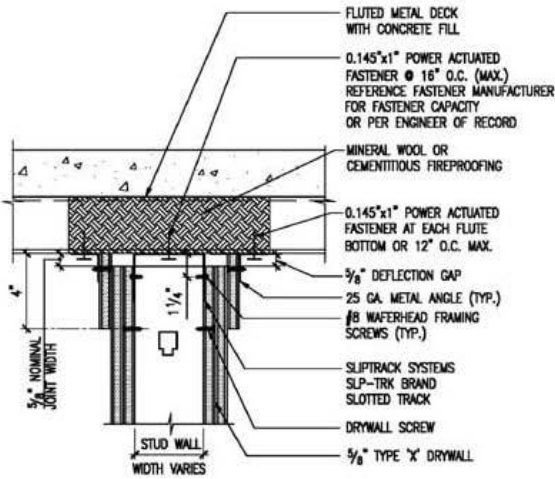


Head of Wall Horizontal Slotted Track at Exterior (Optional)

FIGURE 2 (Continued)

### SLIPTRACK SYSTEMS - SYSTEM 3

#### SLP-TRK® Brand Slotted Top Track Head-of-Wall Expansion Joint System, One and Two-Hour Fire-Resistive Assembly with +/- 1/2-inch Allowable Vertical Movement



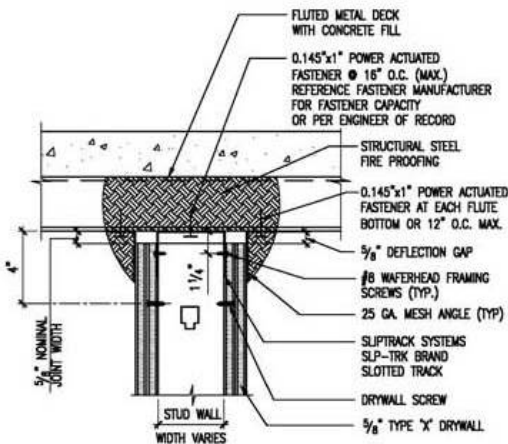
Head of Wall Perpendicular to Flute - System 3

1. Floor assembly - concrete floor assembly may be over fluted steel deck or flat concrete slab bearing a 2-hour fire-resistive rating. A fire-rated roof assembly can be used in lieu of a floor assembly
2. Isolatek International CAFCO® 300 or W.R. Grace MK-6 - applies to fill flutes. This material fills the flutes out to the end of the metal angle. The exposed flange of the retainer angle may be wiped clean.
3. No. 25 gage slotted head track by Sliptrack Systems, Inc. - 2 1/2-inch leg - 3 5/8-inch width with 1/4-inch-wide-by-1 1/2-inch slots at 1-inch on center.
4. Single (1-hour) double (2-hour) layer 5/8-inch Type X gypsum wallboard cut nominal 1/2-inch short of the head of the track.
5. Continuous 1 1/2-inch-by-1 1/2-inch in 10 foot lengths No. 25 gage galvanized metal angle.
6. No. 25 gage steel stud, minimum width 3 5/8-inches
7. Slotted track attached to the decking with 1-inch-long powder actuated fasteners, maximum of 12 inches on center.
8. Steel studs are cut nominal 3/4-inch short of the head of the track and attached with No. 8 - 9/16-inch long wafer head screws through the center point of the 1 1/2-inch-long slots in the side of the track.
9. There is an open travel gap of 1 1/4-inches at the head of the wall. The system is constructed in a 1/2-inch open position, allowing unencumbered movement of 1-inch, i.e. +/- 1/2-inch.
10. Single layer (for both 1 and 2 hour ratings) of 4-inch-wide 5/8-inch Type X wallboard valance attached to metal angle on the board side with No. 6 by 1 1/8-inch drywall screws at 8 inches on center. The metal angle is then attached to the floor deck with 3/4-inch long powder-actuated fasteners at 12 inches on center. The valance is set abutting the 5/8-inch gypsum wall.
11. There shall be no attachment through the head track that will impair movement.

FIGURE 3

### SLIPTRACK SYSTEMS - SYSTEM 6

#### SLP-TRK® Brand Slotted Top Track Head-of-Wall Expansion Joint System, One and Two-Hour Fire-Resistive Assembly with +/- 1/2-inch Allowable Vertical Movement



Head of Wall Perpendicular to Flute - System 6

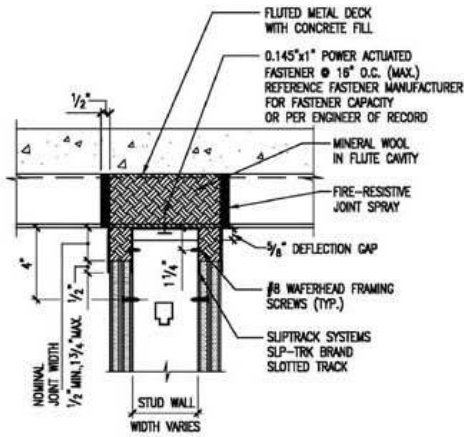
1. Floor assembly - concrete floor assembly may be over fluted steel deck or flat concrete slab bearing a 2-hour fire-resistive rating. A fire-rated roof assembly can be used in lieu of a floor assembly
2. Isolatek International CAFCO® 300 or W.R. Grace MK-6 - applies to fill flutes. This material fills the flutes out to the end of the metal angle. The exposed flange of the retainer angle may be wiped clean.
3. No. 25 gage slotted head track by Sliptrack Systems, Inc. - 2 1/2-inch leg - 3 5/8-inch width with 1/4-inch-wide-by-1 1/2-inch slots at 1-inch on center.
4. Single (1-hour) double (2-hour) layer 5/8-inch Type X gypsum wallboard cut nominal 5/8-inch short of the head of the track.
5. Continuous 1 1/2-inch-by-2 3/4-inch in 10 foot lengths No. 25 gage galvanized Mess metal angle.
6. No. 25 gage steel stud, minimum width 3 5/8-inches
7. Slotted track attached to the decking with 1-inch-long powder actuated fasteners, maximum of 12 inches on center.
8. Steel studs are cut nominal 3/4-inch short of the head of the track and attached with No. 8 - 9/16-inch long wafer head screws through the center point of the 1 1/2-inch-long slots in the side of the track.
9. 1" long powder actuated fastener @ 12" o.c. @ 3/8-inch out from corner of angle.
10. There is an open travel gap of 1 1/4-inches at the head of the wall. The system is constructed in a 1/2-inch open position, allowing unencumbered movement of 1-inch, i.e. +/- 1/2-inch.
11. There shall be no attachment through the head track that will impair movement

FIGURE 4



## SLIPTRACK SYSTEMS - SYSTEM 7 -19

### SLP-TRK® Brand Slotted Top Track Head-of-Wall Expansion Joint System, One and Two-Hour Fire-Resistive Assembly with +/- 1/2-inch Allowable Vertical Movement



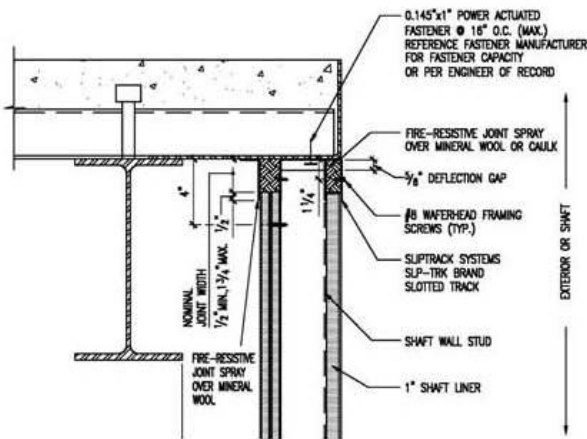
Head of Wall Perpendicular to Flute - System 7-19

1. Wall Assembly - Approved 1 or 2 hour fire rated gypsum board / stud wall assembly.
2. Floor Runners - Floor runners of the wall assembly shall consist of galv. Steel channels sized to accommodate steel studs.
3. Ceiling Runners - Slotted Ceiling Track, No. 25 gage slotted head track by Sliptrack Systems, Inc. - 2 1/2-inch leg - 3 5/8-inch width with 1/4-inch-wide-by-1 1/2-inch slots at 1-inch on center. Slotted ceiling track sized to accommodate steel studs. The length of the top track leg shall be min. 1/4-inch (6 mm) greater than the joint width.
4. Steel Studs - studs to be min. 3 5/8-inch wide and formed of min. 24 MSG galv. Steel. Studs cut 1/2-inch to 3/4-inch (13 mm to 19 mm) less in length than assembly height
5. Fasteners - Secure studs to floor and ceiling runners with No. 8 - 9/16-inch long wafer head screws through the center point of the 1 1/2-inch-long slots in the side of the track on both sides of the wall.
6. Fire Protection - Approved Gypsum Board Sheets, Fill, Void or Cavity Material, Forming Material and/or FireStop Sealant install as specified.
7. There shall be no attachment through the head track that will impair movement.

FIGURE 5

## SLIPTRACK SYSTEMS - SYSTEM SHAFT WALL

### SLP-TRK® Brand Slotted Top Track Head-of-Wall Expansion Joint System, One and Two-Hour Fire-Resistive Assembly with +/- 1/2-inch Allowable Vertical Movement



Shaft Wall at Slab Edge - System 7-19

1. Shaft Wall Assembly - Approved 1 or 2 hour fire rated shaft wall assembly.
2. Floor Runners - "J" Shaped runner, min. 2 1/2-inch (64 mm) wide with unequal legs of min. 1-inch (25 mm) and 2-inch (51 mm), fabricated from min. 24 MSG galv. Steel. Runners positioned with shorter leg toward finished side of wall.
3. Ceiling Runners - Slotted Ceiling Track, No. 25 gage slotted head track by Sliptrack Systems, Inc. - 2 1/2-inch leg - 2 1/2-inch width with 1/4-inch-wide-by-1 1/2-inch slots at 1-inch on center. Slotted ceiling track sized to accommodate steel "C-T", "I" or "C-H" studs. The length of the top track leg shall be min. 1/4-inch (6 mm) greater than the joint width.
4. Steel Studs - "C-T", "I" or "C-H" studs to be min. 2 1/2-inch (64 mm) wide and formed of min. 24 MSG galv. Steel. Studs cut 1/2-inch to 3/4-inch (13 mm to 19 mm) less in length than assembly height.
5. Fasteners - Secure studs to floor and ceiling runners with No. 8 - 9/16-inch long wafer head screws through the center point of the 1 1/2-inch-long slots in the side of the track on finished side of the wall only.
6. Fire Protection - Approved Gypsum Board-Shaft Wall Liners, Gypsum Board Sheets, Bond Breaker Tape, Fill, Void or Cavity Material, Forming Material and/or FireStop Sealant install as specified.
7. There shall be no attachment through the head track that will impair movement.

FIGURE 6