STANDARD WALL, PERPENDICULAR TO FLUTED DECK

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**FLUTED METAL DECK**
**WITH CONCRETE FILL**

**MINERAL WOOL**

**TYPICAL STEEL FASTENERS BY DESIGN**

**CEMCO FAS TRACK 1000**

**DRYWALL SCREW**

1" LOWER THAN TRACK LEG

**3/4" JOINT PROTECTION**

**#8 x 1/2" FRAMING SCREW**

**METAL STUD BY DESIGN**

**5/8" TYPE "X" DRYWALL**

---

**STANDARD WALL, PERPENDICULAR TO FLUTED DECK**

**HW-D-0518**

**ASSEMBLY RATING: 2 HR**

---

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FLUTED METAL DECK FILLED WITH CONCRETE

MIN. #6 FRAMING SCREW BY DESIGN

CEMCO FAS STRAP

TYPICAL STEEL FASTENERS BY DESIGN

#8 x 1/2" FRAMING SCREW

DRYWALL SCREW 1" LOWER THAN TRACK LEG

METAL STUD BY DESIGN

5/8" TYPE "X" DRYWALL

3/4" JOINT PROTECTION

CEMCO FAS TRACK 1000

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FLUTED METAL DECK FILLED WITH CONCRETE

MIN. #6 FRAMING SCREW BY DESIGN

CEMCO FAS STRAP

TYPICAL STEEL FASTENERS BY DESIGN

CEMCO FAS TRACK 1000

3/4" JOINT PROTECTION

#8 x 1/2" FRAMING SCREW

DRYWALL SCREW 1" LOWER THAN TRACK LEG

METAL STUD BY DESIGN

5/8" TYPE "X" DRYWALL

---

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---

**HW-D-0524**

**STANDARD WALL, PARALLEL & DIRECTLY UNDER DECK FLUTE**

**CONFIGURATION "A"**
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MINERAL WOOL

FLUTED METAL DECK FILLED WITH CONCRETE

TYPICAL STEEL FASTENERS BY DESIGN

2" STRAP BY DESIGN

MIN. #6 FRAMING SCREW BY DESIGN

3/4" JOINT PROTECTION

#8 x 1/2" FRAMING SCREW

DRYWALL SCREW 1" LOWER THAN TRACK LEG

CEMCO FAS TRACK 1000

METAL STUD BY DESIGN

5/8" TYPE "X" DRYWALL

DISCLAIMER:

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FLUTED METAL DECK WITH CONCRETE FILL

FIREPROOFING OR MINERAL WOOL

1/2" x 20 GA. Z-BAR OR 16 GA. CRC BY DESIGN

5/8" TYPE "X" DRYWALL

3.4 EXPANDED RIB LATH

3/4" JOINT PROTECTION

#8 x 1/2" FRAMING SCREW

METAL STUD BY DESIGN

5/8" TYPE "X" DRYWALL

TYPICAL STEEL FASTENERS BY DESIGN

1/2" x 20 GA. Z-BAR OR 16 GA. CRC BY DESIGN

3/4" JOINT PROTECTION

#8 x 1/2" FRAMING SCREW

STEEL BEAM

STRUCTURAL STEEL FIREPROOFING (THICKNESS BY OTHERS)

CEMCO FAS TRACK 1000

DRYWALL SCREW 1" LOWER THAN TRACK LEG

STANDARD WALL, CANTILEVERED UNDER BEAM

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FLUTED METAL DECK WITH CONCRETE FILL

1/2" x 20 GA. Z-BAR OR 16 GA. CRC BY DESIGN

3/4" JOINT PROTECTION

3.4 EXPANDED RIB LATH

5/8" TYPE "X" DRYWALL

TYPICAL STEEL FASTENERS BY DESIGN

#8 x 1/2" FRAMING SCREW

METAL STUD BY DESIGN

CEMCO FAS TRACK 1000

DRYWALL SCREW 1" LOWER THAN TRACK LEG

STEEL BEAM

STRUCTURAL STEEL FIREPROOFING (THICKNESS BY OTHERS)

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FLUTED METAL DECK WITH CONCRETE FILL

FIRE PROOFING OR MINERAL WOOL

STEEL BEAM

STRUCTURAL STEEL FIREPROOFING (THICKNESS BY OTHERS)

1/2" x 20 GA. Z-BAR OR 16 GA. CRC @ BY DESIGN

3/4" JOINT PROTECTION

5/8" TYPE "X" DRYWALL

#8 x 1/2" FRAMING SCREW

TYPICAL STEEL FASTENERS BY DESIGN

CEMCO FAS TRACK 1000

METAL STUD BY DESIGN

DRYWALL SCREW 1" LOWER THAN TRACK LEG

TYPICAL STEEL FASTENERS BY DESIGN

SD55

HW-D-0551

STANDARD WALL, CENTERED DIRECTLY UNDER BEAM

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REVISION:

DRAWN BY: T. GARIBEKIAN
DATA: 05/16/13

APPROVED BY: F. SESMA
DATE: 05/16/13

SCALE: 3"=1'-0"

JOB NO.: UL DETAILS

SD55

263 N. Covina Lane.
City of Industry, CA 91744
PHONE (800) 775-2362
ENG. DEPT.
FAX (626) 369-7243
WWW.CEMCOSTEEL.COM
FLUTED METAL DECK WITH CONCRETE FILL

FIRE PROOFING OR MINERAL WOOL

STEEL BEAM

STRUCTURAL STEEL FIREPROOFING (THICKNESS BY OTHERS)

1/2" x 20 GA. Z-BAR OR 16 GA. CRC BY DESIGN.

3/4" JOINT PROTECTION

5/8" TYPE "X" DRYWALL

CEMCO FAS TRACK 1000

#8 x 1/2" FRAMING SCREW

METAL STUD BY DESIGN

TYPICAL STEEL FASTENERS BY DESIGN

DRYWALL SCREW 1" LOWER THAN TRACK LEG

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HD-W-0551
STANDARD WALL, CENTERED DIRECTLY UNDER BEAM

ASSEMBLY RATING: 2 HR

REVISION:

DRAWN BY: T.GARIBEKIAN
DATA: 05/16/13
APPROVED BY: F. SESMA
DATE: 05/16/13
SCALE: 3"=1'-0"
JOB NO.: UL DETAILS
SHEET NO.: SD56

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City of Industry, CA 91744
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MINERAL WOOL

#8 x 1/2" FRAMING SCREW

FLUTED METAL DECK WITH CONCRETE FILL

5/8" TYPE "X" DRYWALL

METAL STUD SPACING BY DESIGN

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HW-D-0620
STANDARD WALL, PARALLEL & OFFSET UNDER FLUTED DECK
CONFIGURATION "B"

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REVISION:
DRAWN BY: T.GARIBEKIAN
DATA: 05/24/13
APPROVED BY: F. SESMA
DATE: 05/24/13
SCALE: 3"=1'-0"
JOB NO.: UL DETAILS
SHEET NO.: SD59

263 N. Covina Lane.
City of Industry, CA 91744
PHONE (800) 775-2362
ENG. DEPT.
FAX (626) 369-7243
WWW.CEMCOSTEEL.COM

METAL STUD SPACING BY DESIGN
5/8" TYPE "X"
MINERAL WOOL
CONCRETE DECK

3/4" JOINT PROTECTION

CEMCO FAS RACK 1000

#8 x 1/2" FRAMING SCREW

DRYWALL SCREW 1" LOWER THAN TRACK LEG

5/8" TYPE "X" DRYWALL

METAL STUD SPACING BY DESIGN

SD59
METAL STUD SPACING BY DESIGN
5/8" TYPE "X"
DRYWALL
#8 x 1/2" FRAMING SCREW
3/4" JOINT PROTECTION
CEMCO FAST RACK 1000
CONCRETE DECK
MINERAL WOOL
DRYWALL SCREW 1" LOWER THAN TRACK LEG
5/8" TYPE "X" DRYWALL
METAL STUD SPACING BY DESIGN

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METAL STUD SPACING BY DESIGN
5/8" TYPE "X"
DRYWALL
#8 x 1/2" FRAMING SCREW

3/4" JOINT PROTECTION
CEMCO FAS TRACK 1000

CONCRETE DECK

#8 x 1/2" FRAMING SCREW

DRYWALL SCREW
1" LOWER THAN TRACK LEG

5/8" TYPE "X" DRYWALL

METAL STUD SPACING BY DESIGN

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ENG. DEPT.
FAX (626) 369-7243
WWW.CEMCOSTEEL.COM
METAL STUD SPACING BY DESIGN
5/8" TYPE "X"
DRYWALL

#8 x 1/2" FRAMING SCREW

3/4" JOINT PROTECTION

CEMCO FAS TRACK 1000

CONCRETE DECK

DISCLAIMER:
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PHONE (800) 775-2362
ENG. DEPT.
FAX (626) 369-7243
WWW.CEMCOSTEEL.COM

REVISION:
SCALE: 3"=1'-0"
JOB NO.: UL DETAILS
SHEET NO.: SD62
**HW-D-0554**

**STANDARD CHASE WALL, CONCRETE SLAB**

**ASSEMBLY RATING:** 1 HR

---

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---

**REVISION:**

DRAWN BY: T. GARIBEKIAN  
DATA: 05/24/13

APPROVED BY: F. SESMA  
DATE: 05/24/13

SCALE: 3"=1'-0"

JOB NO.: UL DETAILS

SHEET NO.: SD65

---

**CONCRETE SLAB**

**3/4" JOINT PROTECTION**

**CEMCO FAS TRACK 1000**  
(TAPE ON FINISH SIDE ONLY)

**DRYWALL SCREW**  
1" LOWER THAN TRACK LEG

---

**5/8" TYPE "X" DRYWALL**

**METAL STUD SPACING BY DESIGN**

---

**#8 x 1/2" FRAMING SCREW**
### HW-D-0554

**STANDARD CHASE WALL, CONCRETE SLAB**

<table>
<thead>
<tr>
<th>DISCLAIMER:</th>
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<td>CEMCO assumes no liability for failure resulting from the use of its drawings, computations, or for failure resulting from the use of alternate materials, or improper application or installation. This drawing is supplied solely to assist in the selection and application of CEMCO products. This drawing is generic in nature and should not be used in design or construction without an independent evaluation by a qualified Architect or Engineer of Record. All warranties of any kind, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose are disclaimed.</td>
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<td>DATE: 05/24/13</td>
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<td>SHEET NO.: SD66</td>
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DISCLAIMER:
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CEMCO

FAS TRACK 1000

5/8" TYPE "X" DRYWALL

CONCRETE SLAB

TYPICAL STEEL FASTENERS BY DESIGN

3/4" JOINT PROTECTION

#8 x 1/2" FRAMING SCREW

CEMCO FAS TRACK 1000

METAL STUD BY DESIGN

5/8" TYPE "X" DRYWALL

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**WW-D-0104**  
**ASSEMBLY RATING: 1 HR**

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**REVISION:**

**SCALE:** 3"=1'-0"  
**JOB NO.: UL DETAILS**  
**SHEET NO.: SD75**
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<table>
<thead>
<tr>
<th>ASSEMBLY RATING: 2 HR</th>
<th>VERTICAL TIE IN TO CONCRETE SLAB</th>
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<tbody>
<tr>
<td></td>
<td><strong>REVISION:</strong></td>
</tr>
<tr>
<td></td>
<td>DRAWN BY: T.GARIBEKIAN</td>
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<tr>
<td></td>
<td>DATA: 05/17/13</td>
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<tr>
<td></td>
<td>APPROVED BY: F. SESMA</td>
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<td></td>
<td>DATE: 05/17/13</td>
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<td></td>
<td>SHEET NO.:</td>
</tr>
<tr>
<td></td>
<td>SD76</td>
</tr>
</tbody>
</table>
**Bottom of Wall Static Joint**

- **Assemble Rating:** 1 HR
- **Joint Protection:** 1/2" joint protection
- **Drywall Screw:** 1" lower than track leg
- **Framing Screw:** #8 x 1/2" framing screw
- **Concrete Slab:** Typical steel fasteners by design
- **Fas Track 1000BT:** CEMCO
- **5/8" Type "X" Drywall:**
- **Metal Stud by Design:**

---

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---

**Revision:**
- **Drawn By:** T.G.
- **Data:** 05/24/13
- **Approved By:** F. Sesma
- **Date:** 05/24/13
- **Scale:** 3"=1'-0"
- **Job No.:** UL Details
- **Sheet No.:** SD79
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REVISION:
DRAWN BY: T.G.
DATA: 05/24/13
APPROVED BY: F. SESMA
DATE: 05/24/13
SCALE: 3"=1'-0"
JOB NO.: UL DETAILS
SHEET NO.: SD80
FLUTED METAL DECK WITH CONCRETE

SPRAY FIREPROOFING

5/8" NOMINAL GAP
(1/4" JOINT PROTECTION)

#8 x 1/2" FRAMING SCREW

DRYWALL SCREW
1" LOWER THAN TRACK LEG

CEMCO FAS TRACK 1000

METAL STUD BY DESIGN

5/8" TYPE "X" DRYWALL

NOTE: SINGLE LAYER OF 5/8" TYPE "X" DRYWALL FOR 1 HOUR FIRE RATING

HW-D-0514
STANDARD WALL, PERPENDICULAR TO FLUTED DECK

ASSEMBLY RATING: 2 HR

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REVISION:
DRAWN BY: T. GARIBEKIAN
DATA: 06/25/14
APPROVED BY: F. SESMA
DATE: 06/25/14
SCALE: 3"=1'-0"
JOB NO.: UL DETAILS
SHEET NO.: SD112
TYPICAL STEEL FASTENERS BY DESIGN

NOTE: SINGLE LAYER OF 5/8" TYPE "X" DRYWALL FOR 1 HOUR FIRE RATING

OPEN WEB TRUSS OR JOIST

FURRING CHANNEL @ 24" O.C.

CONCRETE SLAB

5/8" TYPE "C" GYPSUM WALLBOARD

3/8" NOMINAL GAP (1/4" JOINT PROTECTION)

#8 x 1/2" FRAMING SCREW

DRYWALL SCREW 1" LOWER THAN TRACK LEG

CEMCO FAS TRACK 1000

METAL STUD BY DESIGN

5/8" TYPE "X" DRYWALL

NOTE: SINGLE LAYER OF 5/8" TYPE "X" DRYWALL FOR 1 HOUR FIRE RATING

HW-D-0550

STANDARD WALL, GYPSUM WALLBOARD CEILING

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MINERAL WOOL STUFFED BETWEEN FRAMING AND FIREPROOFING 50% COMPRESSED

METAL STUD

CEMCO FAS TRACK 1000

I-BEAM

(2) LAYERS DRYWALL

Z-CLIP

3⁄8" NOMINAL GAP (3⁄4" JOINT PROTECTION)

NOTE: SINGLE LAYER OF 5⁄8" TYPE "X" DRYWALL FOR 1 HOUR FIRE RATING

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SD114