<table>
<thead>
<tr>
<th>DETAIL NO.</th>
<th>DETAIL NAME</th>
<th>DETAIL DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Deflection Track Assembly</td>
<td>Single Track With Double Flat Strap</td>
</tr>
<tr>
<td>1A</td>
<td>Deflection Track Assembly</td>
<td>CEMCO FAS Track DL2 With Double Flat Strap</td>
</tr>
<tr>
<td>2</td>
<td>Deflection Track Assembly</td>
<td>Single Track With Cold-Rolled Channel (CRC) and Clip Angle</td>
</tr>
<tr>
<td>2A</td>
<td>Deflection Track Assembly</td>
<td>CEMCO FAS Track DL2 With Cold-Rolled Channel (CRC) and Clip Angle</td>
</tr>
<tr>
<td>3</td>
<td>Deflection Track Assembly</td>
<td>Double Deflection Track</td>
</tr>
<tr>
<td>3A</td>
<td>Deflection Track Assembly</td>
<td>Double Deflection Track With CEMCO FAS Track DL2</td>
</tr>
<tr>
<td>4</td>
<td>Deflection Track Assembly</td>
<td>Single CEMCO Slotted Track (CST)</td>
</tr>
<tr>
<td>4A</td>
<td>Deflection Track Assembly</td>
<td>CEMCO FAS Track DL</td>
</tr>
<tr>
<td>5</td>
<td>Bridging</td>
<td>Single Flat Strap With Blocking</td>
</tr>
<tr>
<td>6</td>
<td>Bridging</td>
<td>Double Flat Strap With Blocking</td>
</tr>
<tr>
<td>7</td>
<td>Bridging</td>
<td>Cold-Rolled Channel (CRC) With Clip Angle</td>
</tr>
<tr>
<td>8</td>
<td>Large Opening</td>
<td>Boxed Header-Boxed Jamb With CEMCO Utility Clip (UA)</td>
</tr>
<tr>
<td>8A</td>
<td>Large Opening</td>
<td>Boxed Header-Boxed Jamb With CEMCO Track</td>
</tr>
<tr>
<td>9</td>
<td>Large Opening</td>
<td>Back-to-Back Header - Boxed Jamb With CEMCO Utility Clip (UA)</td>
</tr>
<tr>
<td>10</td>
<td>Large Opening</td>
<td>Back-to-Back Header, Back-to-Back Jamb With CEMCO Utility Clip (UA)</td>
</tr>
<tr>
<td>11</td>
<td>Large Opening</td>
<td>Boxed Header, Back-to-Back Jamb With CEMCO Utility Clip (UA)</td>
</tr>
<tr>
<td>11A</td>
<td>Large Opening</td>
<td>Boxed Header, Back-to-Back Jamb With CEMCO Track</td>
</tr>
<tr>
<td>12</td>
<td>Large Opening</td>
<td>Boxed Sill</td>
</tr>
<tr>
<td>13</td>
<td>Small Opening</td>
<td>Single Track Header and Sill, Single Jamb Stud</td>
</tr>
<tr>
<td>14</td>
<td>Non-Bearing Wall</td>
<td>Stiffened Kneewall/Parapet</td>
</tr>
<tr>
<td>15</td>
<td>Non-Bearing Wall</td>
<td>Jamb Base Connection Detail</td>
</tr>
<tr>
<td>16</td>
<td>Wall Deflection</td>
<td>CEMCO WSC Vertical Slide Clip</td>
</tr>
<tr>
<td>17</td>
<td>Wall Deflection</td>
<td>CEMCO WSC Vertical Slide Clip With Track Piece Extension</td>
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<tr>
<td>18</td>
<td>Wall Deflection</td>
<td>CEMCO WSC Vertical Slide Clip With Extended Leg</td>
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<td>19</td>
<td>Wall Deflection</td>
<td>CEMCO OUTRIGGER Vertical Slide Clip</td>
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<tr>
<td>20</td>
<td>Wall Deflection</td>
<td>CEMCO WSC Vertical Slide Clip, Non-Continuous Stud Attachment</td>
</tr>
<tr>
<td>21</td>
<td>Wall Deflection</td>
<td>CEMCO DEFLEx Vertical Slide Clip</td>
</tr>
<tr>
<td>22</td>
<td>Wall Deflection</td>
<td>CEMCO DWSC Seismic Clip</td>
</tr>
<tr>
<td>23</td>
<td>Rigid Connection</td>
<td>CEMCO Utility Clip (UA), Rigid Stud Attachment</td>
</tr>
<tr>
<td>24</td>
<td>Rigid Connection</td>
<td>Spandrel Stud Attachment With Diagonal Brace</td>
</tr>
</tbody>
</table>

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**Category:**

**CURTAIN WALL DETAILS**

REV: 0
RELEASE: 11/16/2011
CELMO DEFLECTION TRACK

FASTEN DEFLECTION TRACK TO MAIN STRUCTURE (BY DESIGN)

DESIGN GAP FOR VERTICAL DEFLECTION

12" MAX

CEMCO JAMB STUD

PLACE (1) ROW OF LATERAL BRACING (CEMCO FLAT STRAPPING EACH SIDE) WITHIN 12" OF DEFLECTION TRACK

SCREW ATTACH AT EACH FLANGE

CEMCO STUD

1
DEFLECTION TRACK ASSEMBLY - SINGLE TRACK WITH DOUBLE FLAT STRAP
SCALE: N.T.S.

CATEGORY:
CURTAIN WALL DETAILS

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REV: 0
RELEASE: 11/16/2011

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www.cemcosteel.com
DEFLECTION TRACK ASSEMBLY - FAS TRACK DL2
WITH DOUBLE FLAT STRAP

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CATEGORY: CURTAIN WALL DETAILS

SCALE: N.T.S.

1A

DISCLAIMER:

SCREW ATTACH AT EACH FLANGE

CEMCO STUD

FASTEN FAS TRACK DL2 TO MAIN STRUCTURE (BY DESIGN)

CEMCO FAS TRACK DL2

DESIGN GAP FOR VERTICAL DEFLECTION

12" MAX

PLACE (1) ROW OF LATERAL BRACING (CEMCO FLAT STRAPPING EACH SIDE) WITHIN 12" OF DEFLECTION TRACK
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Curtain Wall Details

**Category:**

- **Option 1:** Screwed Attachment of Lateral Bracing
- **Option 2:** Welded Attachment of Lateral Bracing
- **Option 3:** Welded Attachment of Lateral Bracing
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CEMCO DEFLECTION (OUTER) TRACK

CEMCO DEEP LEG NESTED (INNER) TRACK

SCREW ATTACH AT EACH FLANGE

CEMCO STUD

FASTEN DEFLECTION (OUTER) TRACK TO MAIN STRUCTURE (BY DESIGN)

NO ATTACHMENT OF OUTER TRACK TO INNER TRACK

MIN SCREW CLEARANCE EQUAL TO DESIGN GAP

DESIGN GAP FOR VERTICAL DEFLECTION

CEMCO JAMB STUD

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CATEGORY:
CURTAIN WALL DETAILS
DEFLECTION TRACK ASSEMBLY - DOUBLE DEFLECTION TRACK
WITH CEMCO FAS TRACK DL2

Fasten CEMCO FAS Track DL2 (outer track) to main structure (by design)

No attachment of outer track to inner track

Min screw clearance equal to design gap

Design gap for vertical deflection

Screw attach at each flange

CEMCO Deep Leg Nested (inner) Track

CEMCO FAS Track DL2 (outer) Track

CEMCO Stud

3A

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CATEGORY:
CURTAIN WALL DETAILS

SCALE: N.T.S.

REV. 0
RELEASE: 11/16/2011
CEMCO SLOTTED TRACK

CUT STUD SHORT EQUAL TO DESIGN GAP TO ALLOW FOR VERTICAL DEFLECTION

FASTEN SLOTTED TRACK TO MAIN STRUCTURE (BY DESIGN)

FASTEN SLOTTED TRACK TO STUD WITH SCREW AT EACH FLANGE (DO NOT OVER TIGHTEN)

DESIGN GAP FOR VERTICAL DEFLECTION

CEMCO JAMB STUD

---

**CATEGORY:**

DEFLECTION TRACK ASSEMBLY - SINGLE SLOTTED TRACK

**SCALE:** N.T.S.

**DISCLAIMER:**

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**CATEGORY:**

CURTAIN WALL DETAILS

---

**RELEASE:** 11/16/2011

**REV:** 0
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CEMCO TRACK BLOCK PIECE TO MATCH WALL STUD (CLIP FLANGE AND BEND). INSTALL AT 8'-0" O.C. AND AT END OF WALL.

CEMCO STUD
FINISH SURFACE

SCREW ATTACHMENT, STRAP TO BLOCKING (BY DESIGN)
SCREW ATTACHMENT, TRACK FLANGE TO STUD FLANGE (BY DESIGN)
CEMCO FLAT STRAP ONE SIDE

SCREW ATTACHMENT AT FLANGE

BRIDGING - SINGLE FLAT STRAP WITH BLOCKING

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CEMCO TRACK BLOCK PIECE TO MATCH WALL STUD (CLIP FLANGE AND BEND), INSTALL AT 8'-0" O.C. AND AT END OF WALL

CEMCO STUD

SCREW ATTACHMENT STRAP TO BLOCKING (BY DESIGN)

SCREW ATTACHMENT, TRACK FLANGE TO STUD FLANGE (BY DESIGN)

CEMCO FLAT STRAP AT EACH SIDE

SCREW ATTACHMENT AT EACH FLANGE

6
BRIDGING - DOUBLE FLAT STRAP WITH BLOCKING

SCALE: N.T.S.

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CATEGORY:
CURTAIN WALL DETAILS
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CATEGORY: CURTAIN WALL DETAILS

Bridging - Cold Rolled Channel with Clip Angle

Scale: N.T.S.
CEMCO CRIPPLE STUDS

SCREW ATTACH TOP AND BOTTOM TRACKS (SCREW SIZE AND SPACING BY DESIGN)

HEADER UNPUNCHED CEMCO STUDS

CEMCO TRACKS, TOP AND BOTTOM

WELD SIZE & SPACING (BY DESIGN)

CEMCO UTILITY CLIP (UA SERIES BY DESIGN)

SCREW ATTACH AT EACH FLANGE

CEMCO BOXED JAMB STUDS

CEMCO UTILITY CLIP (UA SERIES BY DESIGN)

LARGE OPENING (BOXED HEADER-BOXED JAMB)

8

CATEGORY:

CURTAIN WALL DETAILS

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LARGE OPENING
(BOXED HEADER - BACK TO BACK JAMB)

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DISCLAIMER:

CATEGORY:

CURTAIN WALL DETAILS

REV. 0
RELEASE: 11/16/2011
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**DISCLAIMER:**

**CATEGORY:**

**CURTAIN WALL DETAILS**

**SCALE:** N.T.S.
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CATEGORY:
SMALL OPENING
SINGLE TRACK HEADER & SILL, SINGLE JAMB

SCALE: N.T.S.

13

SMALL OPENING
SINGLE TRACK HEADER & SILL, SINGLE JAMB

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JAMB BASE CONNECTION DETAIL

SCALE: N.T.S.

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CATEGORY:
CURTAIN WALL DETAILS

CEMCO RIGID CLIP CONNECTOR (RCC, SERIES) BY DESIGN

CEMCO JAMB STUDS

CEMCO BOTTOM TRACK

ANCHOR BOLT (BY DESIGN)
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CATEGORY:

CURTAIN WALL DETAILS
WALL DEFLECTION - CEMCO WSC VERTICAL SLIDE CLIP WITH TRACK PIECE EXTENSION

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CATEGORY:
CURTAIN WALL DETAILS

SCALE: N.T.S.

REV: 0
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CATEGORY:

18 WALL DEFLECTION - CEMCO WSC VERTICAL SLIDE CLIP WITH EXTENDED LEG

SCALE: N.T.S.

REV: 0
RELEASE: 11/16/2011
WALL DEFLECTION - CEMCO OUTRIGGER VERTICAL SLIDE CLIP

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CATEGORY:
CURTAIN WALL DETAILS
WALL DEFLECTION, CEMCO WSC VERTICAL SLIDE CLIP, NON-CONTINUOUS STUD ATTACHMENT

SCALE: N.T.S.

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CATEGORY:
CURTAIN WALL DETAILS
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