Stud Shear Connector\ Steel Studs
<table>
<thead>
<tr>
<th>Detail</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSh-I-01</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Foundation\ Fast Bracket</td>
</tr>
<tr>
<td>SSh-I-02</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Foundation\ Fast Bracket\ Concrete Block Foundation Wall</td>
</tr>
<tr>
<td>SSh-I-03</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Foundation\ Fast Bracket\ Insulated Slab</td>
</tr>
<tr>
<td>SSh-I-04</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Foundation\ Fast Bracket\ Concrete Block Foundation Wall\ Insulated Slab</td>
</tr>
<tr>
<td>SSh-I-05</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Foundation\ Fast Bracket</td>
</tr>
<tr>
<td>SSh-I-06</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Foundation\ Fast Bracket\ Concrete Block Foundation Wall</td>
</tr>
<tr>
<td>SSh-I-07</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Foundation\ Fast Bracket\ Interior Insulation</td>
</tr>
<tr>
<td>SSh-I-08</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Foundation\ Fast Bracket\ Concrete Block Foundation Wall\ Interior Insulation</td>
</tr>
<tr>
<td>SSh-I-09</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Slab\ Fast Bracket</td>
</tr>
<tr>
<td>SSh-I-10</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Parapet\ Low Parapet\ Protected Membrane Roofing (P.M.R.)</td>
</tr>
<tr>
<td>SSh-I-11</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Parapet\ High Parapet\ Protected Membrane Roofing (P.M.R.)</td>
</tr>
<tr>
<td>SSh-I-11a</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Parapet Edge\ High Parapet\ Protected Membrane Roofing (P.M.R.)</td>
</tr>
<tr>
<td>SSh-I-11b</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Roof Slab (Parapet)\ High Parapet\ Protected Membrane Roofing (P.M.R.)</td>
</tr>
<tr>
<td>SSh-I-12</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Parapet\ Low Parapet\ Conventional Roofing</td>
</tr>
<tr>
<td>SSh-I-13</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Parapet\ High Parapet\ Conventional Roofing</td>
</tr>
<tr>
<td>SSh-I-13a</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Parapet Edge\ High Parapet\ Conventional Roofing</td>
</tr>
<tr>
<td>SSh-I-14</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Exhaust Vent</td>
</tr>
<tr>
<td>SSh-I-15</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Window Head\ Slab\ Fast Bracket\ Aluminum Window</td>
</tr>
<tr>
<td>SSh-I-16</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Window Head\ Aluminum Window</td>
</tr>
<tr>
<td>SSh-I-17</td>
<td>Masonry Veneer\ Steel Stud Wall Plan Detail @ Window Jamb\ Aluminum Window</td>
</tr>
<tr>
<td>SSh-I-18</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Window Sill\ Aluminum Window</td>
</tr>
<tr>
<td>SSh-I-19</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Window Sill\ Aluminum Window</td>
</tr>
<tr>
<td>SSh-I-20</td>
<td>Masonry Veneer\ Steel Stud Wall Plan Detail @ Control Joint</td>
</tr>
<tr>
<td>SSh-I-21</td>
<td>Masonry Veneer\ Steel Stud Wall Plan Detail @ Corner\ Control Joint</td>
</tr>
<tr>
<td>SSh-I-22</td>
<td>Masonry Veneer\ Steel Stud Wall Plan Detail @ Structural Expansion Joint</td>
</tr>
<tr>
<td>SSh-I-23</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Cantilevered Floor Slab Edge\ Fast Bracket</td>
</tr>
<tr>
<td>SSh-I-23a</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Cantilevered Floor Slab Edge\ Fast Bracket</td>
</tr>
<tr>
<td>SSh-I-23b</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Cantilevered Floor Slab Edge\ Fast Bracket</td>
</tr>
<tr>
<td>SSh-I-24</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Cantilevered Floor Slab</td>
</tr>
<tr>
<td>SSh-I-25</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Cantilevered Floor Slab Edge\ Fast Bracket\ Cold Soffit</td>
</tr>
<tr>
<td>SSh-I-26</td>
<td>Masonry Veneer\ Steel Stud Wall Detail @ Cantilevered Floor Slab\ Cold Soffit</td>
</tr>
</tbody>
</table>
Masonry Veneer \ Steel Stud Wall Detail @ Foundation

Fast Bracket \ Concrete Block Foundation Wall

Scale 3" = 1'

FERO Engineering
15305-117th Ave., Edmonton, Alberta, T5M 3X4, Canada
Tel: (780) 455-5098  Fax: (780) 452-5969  www.ferocorp.com  E-mail: engineering@ferocorp.com
BRICK VENEER
AIR SPACE
RIGID INSULATION
CONTAIN. AIR/VAPOUR BARRIER
1/2" (12.7mm) SHEATHING
STEEL STUDS
1/2" (12.7mm) GYPSUM BOARD

STUD
SHEAR CONNECTOR
INSULATION SUPPORT
V-TIE

AIR/VAPOUR BARRIER
OVERLAP 6" (150mm) MIN.

CONTINUOUS FLEXIBLE FLASHING
ADHERED TO SUBSTRATES

FAST BRACKET
ANCHORED TO SLAB
SHIM 2/ANGLE LENGTH MIN.

UNOBRUCTURED WEEP HOLES
Ø24" (600 mm) o.c.

CONTINUOUS METAL
FLASHING WITH DRIP EDGE
CONTINUOUS STEEL SHELF ANGLE
CONTINUOUS SEALANT
BEADS BELOW FLASHING

PARING
KORAX DRAINAGE PANEL
CONTAIN. AIR/VAPOUR BARRIER
CONCRETE BLOCK FOUNDATION WALL

GRADE

2" (51mm) MIN.

DRILLED ANCHOR
BOTTOM TRACK

5/8" (16mm) ANCHOR

MECHANICAL FASTENER SPACED
Ø6" (200mm) o.c. MAX.

CONCRETE SLAB
6" (150mm)
CRUSHED STONE
UNDISTURBED SOIL

Masonry Veneer \ Steel Stud Wall \ Detail @ Foundation
Fast Bracket \ Concrete Block Foundation wall \ Insulated Slab

Detail SSh - I - 04
Masonry Veneer \ Steel Stud Wall Detail @ Foundation

Fast Bracket

Scale 3" = 1'
Masonry Veneer \ Steel Stud Wall Detail @ Parapet

Low Parapet \ Protected Membrane Roofing (P.M.R.)

Detail SS# - I - 10
Masonry Veneer \ Steel Stud Wall  Detail @ Roof Slab (Parapet)

High Parapet  \ Protected Membrane Roofing (P.M.R.)

Scale 3" = 1'

Detail SSh -1 - 11b
Masonry Veneer \ Steel Stud Wall Detail @ Parapet

High Parapet \ Conventional Roofing

Scale 1 1/2" = 1'

Detail SS\# 1 - 13
Continuous Cleats

Treated Framing Anchored to Steel Stud Wall

Metal Cap Flashing

Cleats 24ga (0.66mm) in the middle half of flashing mechanically fastened

4" (100mm) MIN.

Sealant

Unobstructed Weep Holes Ø24" (600 mm) O.C.

Brick Veneer
Air Space
Rigid Insulation
Sheathing
Steel Stud Parapet Framing
Batt Insulation
Sheathing
Roof Membranes & Flexible Flashing

Insulation Support

V-Tie

Stud Shear Connector

Masonry Veneer \ Steel Stud Wall Detail @ Parapet Edge

High Parapet \ Conventional Roofing

Detail SSh-1-13a
Masonry Veneer \ Steel Stud Wall Detail @ Roof Slab

High Parapet \ Conventional Roofing

Scale 3" = 1'

FERO Engineering
15305-117th Ave., Edmonton, Alberta, T5M 3X4, Canada
Tel: (780) 455-5098 Fax: (780) 452-5969 www.ferocorp.com E-mail: engineering@ferocorp.com
BRICK VENEER
AIR SPACE
RIGID INSULATION
CONTAIN. AIR/VAPOUR BARRIER
1/2" (12.7mm) SHEATHING
STEEL STUDS
1/2" (12.7mm) GYPSUM BOARD
V-TIE
INSULATION SUPPORT
AIR/VAPOUR BARRIER
OVERLAP 6" (150mm) MIN.
CONTINUOUS FLEXIBLE FLASHING
ADHERED TO SUBSTRATES
FAST BRACKET
ANCHORED TO SLAB
SHIM 2/ANGLE LENGTH MIN.
UNOBSCTURED WEEP HOLES
Ø24" (600 mm) o.c.
CONTINUOUS METAL
FLASHING WITH DRIPT EDGE
CONTINUOUS SEALANT
BEADS BELOW FLASHING
CONTINUOUS WOOD BLOCKING
ANCHORED TO WALL
SEALANT & COMPRSABLE
FOAM BACKER ROD ALL
AROUND THE FRAME
PREMANUFACTURED
WINDOW ASSEMBLY

STUD SHEAR
CONNECTOR
2" (51mm) MIN.
DRILLED ANCHOR
BOTTOM TRACK
CONCRETE SLAB
5/8" (16mm) ANCHOR

Masonry Veneer \ Steel Stud Wall Detail @ Window Head \ Slab
Fast Bracket \ Aluminum Window

FERO Engineering
15305-117th Ave., Edmonton, Alberta, T5M 3X4, Canada
Tel:(780) 455-5098 Fax:(780) 452-5969 www.ferocorp.com E-mail: engineering@ferocorp.com
Masonry Veneer \ Steel Stud Wall Detail @ Window Head

Aluminum Window

Scale 3" = 1'

Detail SSh - 1 - 16

FERO Engineering
15305-117th Ave., Edmonton, Alberta, T5M 3X4, Canada
Tel: (780) 455-5098    Fax: (780) 452-5969    www.ferocorp.com    E-mail: engineering@ferocorp.com
Masonry Veneer \ Steel Stud Wall Detail @ Window Sill

Aluminum Window

Scale 3' = 1'

FERO Engineering
15305-117th Ave., Edmonton, Alberta, T5M 3X4, Canada
Tel: (780) 455-5098 Fax: (780) 452-5969 www.ferocorp.com E-mail: engineering@ferocorp.com
Masonry Veneer \ Steel Stud Wall Detail @ Window Sill

Aluminum Window

Scale 3" = 1'

FERO Engineering
15305-117th Ave., Edmonton, Alberta, T5M 3X4, Canada
Tel:(780) 455-5098 Fax: (780) 452-5969 www.ferocorp.com E-mail: engineering@ferocorp.com
Masonry Veneer \ Steel Stud Wall Plan Detail @ Structural Expansion Joint

Scale 3" = 1'

FERO Engineering
15305-117th Ave., Edmonton, Alberta, T5M 3X4, Canada
Tel: (780) 455-5098 Fax: (780) 452-5969 www.ferocorp.com E-mail: engineering@ferocorp.com
Masonry Veneer \ Steel Stud Wall Detail @ Cantilevered Floor Slab Edge

Scale 3" = 1'

FERO Engineering
15305–117th Ave., Edmonton, Alberta, T5M 3X4, Canada
Tel:(780) 455–5098 Fax:(780) 452–5969 www.ferocorp.com E-mail: engineering@ferocorp.com
Masonry Veneer \ Steel Stud Wall Detail @ Cantilevered Floor Slab Edge

Fast Bracket

Scale 3" = 1'

FERO Engineering
15305–117th Ave., Edmonton, Alberta, T5M 3X4, Canada
Tel: (780) 455-5098 Fax: (780) 452-5969 www.ferocorp.com E-mail: engineering@ferocorp.com
Masonry Veneer \ Steel Stud Wall Detail @ Cantilevered Floor Slab Edge

Fast Bracket

Scale 3" = 1'

FERO Engineering
15305-117th Ave., Edmonton, Alberta, T5M 3X4, Canada
Tel:(780) 455-5098  Fax: (780) 452-5969  www.ferocorp.com  E-mail: engineering@ferocorp.com
FLOOR ASSEMBLY
CONCRETE SLAB
CONTINUOUS AIR/VAPOUR BARRIER
RIGID INSULATION
AIR SPACE
16ga. 1"X1" (25.4mmX25.4mm) METAL ANGLE FASTENED TO RAP-TIE
SOFFIT FINISH FASTENED TO THE METAL ANGLE

AIR SPACE
16ga. 1"X1" (25.4mmX25.4mm) METAL ANGLE
RAP-TIE

STUD SHEAR CONNECTOR
INSULATION SUPPORT
V-TIE
SOFFIT FINISH

BRICK VENEER
AIR SPACE
RIGID INSULATION
CONTAIN. AIR/VAPOUR BARRIER
1/2" (12.7mm) SHEATHING
STEEL STUDS
1/2" (12.7mm) GYPSUM BOARD

LONG LEG OUTER TRACK ANCHORED TO SLAB
INNER TRACK SNUG/SLIDING FIT INSIDE OUTER TRACK
SHEATHING ATTACHED TO INNER TRACK
DRYWALL ATTACHED TO INNER TRACK

1/4" (6mm) MIN.

Masonry Veneer \ Steel Stud Wall Detail @ Cantilevered Floor Slab

Scale 3" = 1'

Detail SSh -1 - 24
Masonry Veneer \ Steel Stud Wall Detail @ Cantilevered Floor Slab Edge

Fast Bracket \ Cold Soffit

Scale 3" = 1'

FERO Engineering
15305-117th Ave., Edmonton, Alberta, T5M 3X4, Canada
Tel:(780) 455-5098 Fax:(780) 452-5969 www.ferocorp.com E-mail: engineering@ferocorp.com
Masonry Veneer \ Steel Stud Wall Detail @ Cantilevered Floor Slab
Cold Soffit

Scale 3' = 1'

Detail SSh · I · 26