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XX
Window Load Bearing Back To Back Header Single Jamb
NTS
WIN-2
XX

Window Load Bearing Back To Back Header Boxed Jamb

NTS
WIN-5  Window Load Bearing Boxed Header Boxed Jamb

XX  NTS
WIN-6
XX
Window Load Bearing Boxed Header Back to Back Jamb
NTS
WIN-7

XX

NTS

Window Load Bearing Single Header with Strongback Single Jamb

Steel Framing Details
Steel Framing Details

WIN-8 XX

Window Load Bearing Single Header with Strongback Boxed Jamb

NTS

Steel Framing Details 15
WIN-9
XX
NTS

Window Load Bearing Single Header with Strongback Back to Back Jamb
WIN-10
XX
NTS

Window Non-Load Bearing Single Track Header Single Jamb
WIN-12 Window Non-Load Bearing Single Track Header Back to Back Jamb

XX NTS
Doors
Infill Stud
Cripple Stud
Header Tracks
Header Members
Angle
Additional Anchorage @ Jamb

DR-1 XX
Door Load Bearing Back to Back Header Single Jamb
NTS
Door Load Bearing Back To Back Boxed Header Jamb
INFILL STUD
HEADER TRACKS
HEADER MEMBERS
CRIPPLE STUD
TRACK PIECE
JAMB
ANGLE
ADDITIONAL ANCHORAGE @ JAMB

DR-3
XX
NTS

Door Load Bearing Back to Back Header Back to Back Jamb
Steel Framing Details

#8 Framing Screws
12" O.C. As Req'd

Infill Stud

Cripple Stud

Optional Attachment
In Place of Angle and Cripple Stud:
Coped Flange Web Attachment, 2 - #10 Screws Attached Per Side of Jamb
Or Weld As Per Design

Header Tracks

Header Members

Angle

Additional Anchorage @ Jamb

Additional Floor Anchor Clip As Per Design

DR-4

Door Load Bearing Boxed Header Single Jamb

XX

NTS
**DR-5**  Door Load Bearing Boxed Header Boxed Jamb

**XX**  NTS
Door Load Bearing Boxed Header Back to Back Jamb
Door Load Bearing Single Header with Strongback Single Jamb
Dr-8  
XX  
NTS  

Door Load Bearing Single Header with Strongback Jamb
DR-9
XX
NTS

Door Load Bearing Single Header With Strongback Back to Back Jamb
Infill Stud

Cripple Stud

#8 Framing Screws at all locations req’d

Header Track

Jamb

Additional Anchorage @ Jamb

DR-10 Door Non-Load Bearing Single Track Header Single Jamb

XX NTS
Door Non-Load Bearing Single Track Header Boxed Jamb
DR-12  Door Non-Load Bearing Single Track Header Back to Back Jamb
XX  NTS
Deflection Track Assembly
DEF'L GAP

SCREW ATTACHMENT

GAP - TRACK LEG TO SCREW

SECTION A-A

DEF'L TRACK

TOP TRACK

STUD

DEFL-1

Deflection Track-In-Track Assembly

XX

NTS
DEFL-2
XX
NTS

Deflection Track Single Track with Cold-Rolled Channel
Bridging and Backing
Bridging Cold-Rolled Channel With Clip Angle

* EITHER SCREW OR WELD ATTACHMENT REQUIRED
BRG-2
XX
Bridging Single Flat Strap With Blocking
NTS
TRACK BLOCK PIECE TO MATCH WALL STUD CLIP FLANGE AND BEND INSTALL ___ O.C.

WALL STUD

SCREW ATTACHMENT

FLAT STRAPS

BRG-3
XX

Bridging Double Flat Strap With Blocking

NTS
FRAMED WALL, SEE PLAN FOR SIZE & SPACING

FINISH SURFACE

SCREW ATTACHMENT

TAUT FLAT STRAP

BACK-1 XX

Backing Flat Strap Lightly Loaded

NTS
BRG-4
XX
Bridging Single CRC With Sheeting

NTS
STUD

NOTCHED TRACK CLIP FLANGES AT EA. STUD

SCREW ATTACHMENT

BACKING CLIPPED TRACK HEAVILY LOADED

NTS

Steel Framing Details
Bottom Anchor Track
BASE-1  Bottom Track Anchorage Low Velocity Fastener
XX      NTS

EDGE CLEARANCE

BASE TRACK

LOW VELOCITY FASTENER

STUD
BASE-2
XX

Bottom Track Anchorage Wedge Anchor

BASE TRACK

EDGE CLEARANCE

STUD

WEDGE ANCHOR

NTS
Interior Wall with Kicker
KICK-1 Non-Load Bearing Interior Wall Diagonal Kicker Screwed
XX NTS
Steel Framing Details

ANCHORAGE

DEEP LEG TRACK

SCREW ATTACHMENT

KICKER

45° MAX

CLIP FLANGE TO FORM SHOE

CEILING LINE

TOP TRACK

STUD

KICK-2

Non-Load Bearing Interior Wall Diagonal Kicker Clipped

XX

NTS

Steel Framing Details

48
KICK-3
XX
Spandrel Curtain Wall Diagonal Brace
NTS
Spandrel Curtain Wall
SPANDREL CURTAIN WALL STICKER TO BEAM

STRUT-1
XX
NTS
Miscellaneous
Wall Framing at Corner Track Lap Connection

STUD

FINISH SURFACE

SCREW ATTACHMENT

CLIP TRACK FLANGE AT LAP JOINT

TRACK

CRNR

XX

NTS
Typical Floor Framing

FLR-1
XX

NTS
34" STANDARD HEIGHT
CUSTOM HEIGHT AVAILABLE

168 MIL BASE PLATE
G115 GALVANIZED COATING

5/8" HOLE

3-3/8"

3/16"

14"

PONY XX

Ponywall Standard Height

NTS
PRE-TENSIONED STRAPS (EACH SIDE)

TOP TRACK

SCREW ATTACHMENT

ANCHORAGE (SIZED AND SPACED TO TAKE THE SHEAR LOAD FROM BRACE)

BASE TRACK

ANCHOR BOLT

HOLDOWN

Shearwall X-Bracing

XBRC

XX

NTS
EMB-1
XX
Spandrel Framing at Pony Wall Steel Post with Embedded NTS
STUD

NOTCHED TRACK CLIP FLANGES AT EA. STUD

SCREW ATTACHMENT

TRK-BK XX

Backing Clipped Track Heavily Loaded

NTS
Specialty Framing Details
Clips
Slide Clips and Struts
PLC1-1  Bypass Slab Slide Clip Detail

ATTACH AS REQ'D BY DESIGN

SCREWS AS REQ'D

STUD PER PLAN

"PLC1 INSERT"

BYPASS SLAB SLIDE CLIP "PLC1"

STRUCTURAL STEEL

ANGLE
Bypass Slab Slide Clip Detail

PLC2-1
XX
NTS

STUD PER PLAN

ANGLE

ATTACH AS REQ'D
BY DESIGN

3 #10 SCREWS

"PLC2 INSERT"

BYPASS SLAB SLIDE CLIP "PLC2"

STRUCTURAL STEEL
PLC3-1 Bypass Slab Slide Clip Detail

XX NTS
Bypass Slab Slide Strut Detail

PLS1-1

XX

NTS

STUD PER PLAN

SCREWS AS REQ’D

STRUCTURAL STEEL

ATTACH AS REQ’D BY DESIGN

BYPASS SLAB SLIDE STRUT "PLS1"

"PLC1 INSERT"
ANGLES

STUD PER PLAN

3 #10 SCREWS

STRUCTURAL STEEL

ATTACH AS REQ'D BY DESIGN

BYPASS SLAB SLIDE STRUT "PLS2"

"PLC2 INSERT"

**PLS2-1 Bypass Slab Slide Strut Detail**

**XX NTS**
FLOORING SYSTEM PER PLAN

ATTACHED ASREQ'D

TRACK PER PLAN

3 #10 SCREWS

"ESC INSERT"

STUD PER PLAN

EXTERIOR SLIDE CLIP "ESC"

ESC-1

XX

Exterior Slide Clip Detail

NTS
FLOORING SYSTEM PER PLAN

TRACK PER PLAN

3 #10 SCREWS PER INSERT

DOUBLE EXTERIOR SLIDE CLIP "DESC"

"DESC INSERT"

STUD PER PLAN

DESC-1  Drift Exterior Slide Clip Detail
XX

NTS
Secure Clips and Struts
STUD PER PLAN

ATTACH AS REQ'D BY DESIGN

ANGLE

STRUCTURAL STEEL

SCREWS AS REQ'D

BYPASS SLAB WALL CLIP "AC"

AC-1
XX
NTS

Bypass Slab Wall Clip Detail
STUD PER PLAN

SCREW AS REQ'D

CONCRETE ANCHOR AS REQ'D

POWDER ACTUATED FASTENER AS REQ'D

TRACK PER PLAN

FLOOR ANCHOR CLIP "FA"

Stud to Floor Anchoring Detail

FA-1

XX

NTS
Stud to Floor Anchoring Detail

- BOXED STUDS PER PLAN
- SCREW AS REQ'D
- CONCRETE ANCHOR AS REQ'D
- POWDER ACTUATED FASTENER AS REQ'D
- FLOOR ANCHOR CLIP "FA"
- TRACK PER PLAN
Floor Tie Anchor Detail

**STUD PER PLAN**

**FLOOR TIE "FT"**

**CONCRETE ANCHOR AS REQ’D**

**TRACK PER PLAN**

**SCREWS AS REQ’D**

FT-1  XX  NTS
Floor Tie Anchor with Stiffening Plate Detail
FJ-1

Floor Joist Clip Detail

NTS
Hip Joist to Beam Detail

- STUD CUT TO REQ'D ANGLE
- STUD PER PLAN
- SCREWS AS REQ'D
- HIP JOIST TO BEAM CLIP "HB"
- BOXED STUDS PER PLAN

HB-1
XX
NTS
RIM JOIST PER PLAN

SCREWS AS REQ'D

MULTI-USE ANGLE CLIP "MA"

JOIST PER PLAN

MA-2  Joist to Joist Detail
XX

NTS

Steel Framing Details
Load Bearing Stud to Head of Wall Detail

SCREWS AS REQ'D

MULTI-USE CLIP "MB"

HEAD OF WALL TRACK PER PLAN

STUD PER PLAN

MB-1

XX

NTS
Rafter Tie Down Detail

MULTI-USE ANGLE "MB"

SCREWS AS REQ'D

TRACK PER PLAN

STUDS PER PLAN

MB-2
XX
NTS
MC-3
XX
NTS

Truss to Truss Detail

TRUSS PER PLAN

MULTI-USE ANGLE CLIP "MA"/"MC"

SCREWS AS REQ'D
Truss Tie Detail

- TRACK PER PLAN
- TRUSS PER PLAN
- TRUSS TIE "TT600"
- WALL STUD PER PLAN

SCREWS AS REQ'D
TRUSS PER PLAN

TRACK PER PLAN

SCREWS AS REQ’D

TRUSS TIE "TT1000"

WALL STUD PER PLAN

TT-2 XX

Truss to Stud Tie Detail

NTS
Bridging, Blocking, & Bracing Clips
STUD PER PLAN

FASTENERS IN EACH GUIDE HOLE

BRACE CLIP "BC"

CRC

BC-1
XX
NTS

Brace Clip Detail
STUD PER PLAN

SCREWS AS REQ’D

FIRE TRACK BLOCKING "FTB"

STUD SHOWN AS TRANSPARENT FOR CLARITY

FTB-1

XX

Fire Track Blocking Detail

NTS
KB-1

Kwik-Back Detail

XX

KWIK-BACK "KB"

#10 S.M.S.

WOOD SCREWS

WOOD BACKING

STUD PER PLAN
Kwik-Bridge Stud Detail

KBS-1
XX
NTS

KWIK-BRIDGE PUNCH

STUD SIZED PER PLAN

CRC

2 SCREWS AS REQ'D
Kwik-Bridge Punch with Kwik-Stik Detail

KS-1
XX
NTS

2 SCREWS AS REQ'D
Blocking Detail (Notched Track)

STUD PER PLAN

SCREWS AS REQ'D

NOTCHED TRACK "NT"
STUD PER PLAN

SCREW AS REQ'D

TRACK BLOCKING "TB"

TB-1
XX

Track Blocking Detail

NTS
Splicing and Stiffening
STUDS PER PLAN

SCREWS AS REQ'D

GUSSET PLATE CONNECTOR "GP"

GP-1  Gusset Plate Connector Detail
XX

NTS
BOXED HEADER PER PLAN

HEADER GUSSET PLATE "HG"

SCREWS AS REQ’D

HG-1
XX

Header to Jamb Detail

NTS
Secure Strap Connector Detail

SS-1
XX
NTS
FASTEN 2 LOCATIONS—
each flange on both sides of splice
(8 TOTAL)

HEAD OF WALL
TRACK PER PLAN

12"

SPLICE TRACK "ST"

STUD PER PLAN

Splice Track Detail (Head of Wall)
Truss Connection Detail

STUD PER PLAN

SCREWS AS REQ'D

TRACK PER PLAN

WEB PLATE CONNECTOR "WP"

WP-1

XX

NTS
WEB STIFFENER "WST"

TRACK PER PLAN

SCREWS AS REQ'D

TRACK PER PLAN

STUD PER PLAN

JOIST PER PLAN

WST-1
XX
NTS

Joist Web Stiffener (End Support)
**WST-2** Joist Web Stiffener (Interior Support)  
**XX** NTS
WEB STIFFENER "WST"

SCREWS AS REQ'D

TRACK PER PLAN

STUD PER PLAN

WST-3
XX
NTS

Wall Web Stiffener Detail
Headers - Sill
STUD PER PLAN

SCREW AS REQ'D

CONCRETE ANCHOR AS REQ'D

POWDER ACTUATED FASTENER AS REQ'D

TRACK PER PLAN

FLOOR ANCHOR CLIP "FA"

FA-1

XX

NTS

Stud to Floor Anchoring Detail
# Steel Framing Details

**Header to Jamb Detail**

- **HDR-1**
- **XX**
- **NTS**

- **#8 S.M.S. @ 12" O.C. TYP**
  - CONNECTING INSERT TO OUTER HEADER MEMBER

- **#10 S.M.S. TYP**

- **SADDLE CLIP**

- **PRICELESS HEADER (HDR)**

- **JAMB PER PLAN**
SILL PER PLAN

JAMB PER PLAN

MULTI-USE ANGLE CLIP "MA"/"MC"

SCREWS AS REQ'D
Window Opening Detail - 2

HDR-2
MC-2
FA-2

2
XX
NTS
Stud to Floor Anchoring Detail

BOXED STUDS PER PLAN

SCREW AS REQ'D

CONCRETE ANCHOR AS REQ'D

POWDER ACTUATED FASTENER AS REQ'D

FLOOR ANCHOR CLIP "FA"

TRACK PER PLAN

FA-2
XX
NTS
HD-2
XX
NTS

Header to Kwik-Jamb Detail
HDR-2  Header to Boxed Jamb Detail
XX  NTS
Double Jamb Sill Detail

MC-2
XX
NTS

BOXED JAMB PER PLAN

SILL PER PLAN

MULTI-USE ANGLE CLIP "MA"/"MC"

SCREWS AS REQ'D
Assorted
Header to Boxed Jamb Detail

HD-3
XX
NTS

Flush-Mount Clip

#8 S.M.S. O.C. TYP Connecting Track to HD Header

Track Section

#10 S.M.S. TYP

Boxed Jamb

Priceless HD Header
#8 S.M.S. @12" O.C. TYP. CONNECTING INSERT TO OUTER HEADER MEMBER

KWIK-JAMB STUD "S"

#10 S.M.S. TYP

SADDLE CLIP

PRICELESS HDR HEADER

HDR-3

XX

Header to Jamb Stud Detail

NTS
ROOF TRUSSES PER PLAN

PRICELESS HEADER

STUDS PER PLAN

HDR-4
XX
NTS

Bearing Top Plate Detail (Truss Support)
HDR-5
XX

Load Bearing Top Plate Detail (Joist Support)

SCREWS AS REQ'D
MULTI-USE ANGLE CLIP "MB"
FLOOR JOISTS PER PLAN
STUDS PER PLAN
PRICELESS HDR HEADER

NTS

Steel Framing Details
Single Track Header to Jamb Detail

- Track per plan
- Jambs per plan
- Screws as req’d
- Multi-use angle clip "MA"
SLT-1
XX
NTS

Slotted Track Detail

SLOTTED SLIP TRACK

SCREW IN CENTER OF SLOT

STUD PER PLAN

1/2" MIN

FRONT VIEW
Curved Products
Soffit with Curved Angle Detail

FACTORY INSTALLED RIVETS @ 4" O.C. TYP.

"PERFECT-CURVED" ANGLE

#8 S.M.S.

STUDS PER PLAN

PCA-1
XX

NTS

Steel Framing Details
Curved Wall Track Detail

RIVETS @ 8" O.C. TYP.

"PERFECT-CURVE TRACK"

#8 S.M.S.

STUDS AT REQ'D SPACING PER PLAN

PCT-1

XX

NTS