Mini-Storage Installation Guide

REGENCY STORAGE SYSTEMS
10390 Bradford Road - Suite 140
Littleton, CO 80127
800-486-8415

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Thank you for choosing our self-storage system

Our Building Packages Offer

- Simple and Fast Construction
  - Construction so simple a small crew equipped with stepladders, screw guns, and hand tools can erect the entire building.
  - All framing members identified with piecemark and length.

- Quick and Accurate Delivery
  - Our Quick Quote-to-Complete self-storage packages come with everything you'll need to erect your mini storage.
  - We handle everything including the design, manufacture and delivery of these complete self-storage building packages.
  - You can expect a quality product delivered to you, on time, and at a great value.

Standard Product Descriptions

- 8'-6" eave height
- ½:12 roof slope
- Panels & Trim –
  - Roof panels - 26 gauge galvalume “R” panel with 20 year warranty
  - Wall panels - 26 gauge painted “R” panel with 40 year limited warranty
  - Interior partition panels - 29 gauge galvalume
  - Trim package - 26 gauge painted simple eave trim, rake trim, mullion cover, door jamb, head trim, and outside corners
- Framing - 16 gauge red oxide steel
- Base condition –
  - 14 gauge base clips at interior columns
  - Base Angle at sheeted walls
  - Base Channel at door mullions and jambs
- Accessories –
  - Inside closures under roof panels at low eave
  - Outside closures between rake trim and endwall panels
  - 7/8" Butyl tape for roof panel laps and top/bottom of inside closures
- Fasteners –
  - 1" Self Drilling Tek fastener for framing
  - 1 1/4" and 7/8" Self Drilling Tek fastener with washer for exterior panels and trim
  - 1 1/4" and 7/8" Long Life Zac fastener with washer for roof panels
  - 1/2" x 2 3/4" Wedge Anchors for base conditions
- Complete set of erection drawings

Available Options

- Gutter and downspouts
- Base Channel or Angle
- Standing seam roof systems
- Complete insulation packages
- Roll up doors with 26 gauge curtain
- Engineer stamped drawings
- Eave heights available from 8'-6" to 16'-0"
- Boat/RV storage units
- Climate controlled units
- 19 color options available

If you should have any questions or concerns during the construction of your mini-storage, please give us a call.

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Please Note: Jobsite safety instructions, equipment, and conditions are the responsibility of the builder/contractor. The following are a few helpful reminders and are not meant to replace the builder/contractor's established safety program.

**Safety Tips**

**Guidelines**
- Always make safety your number one priority on the jobsite.
- Refer to local, state, and federal safety and health standards to help insure worker safety.
- Emergency telephone numbers, location of first aid stations, and emergency procedures should be shared with all employees.

**Equipment**
- Tools and equipment should only be used for the purpose they were intended.
- Maintain a safe position and sure footing when using tools or equipment.
- Never overload electrical outlets and verify they are equipped with a breaker.
- Do not drag power cords over sharp edges such as panel edges.
- Crane and lift swing range should be marked as a hazardous area.

**Personal Protection Equipment**
- Always use gloves when handling sheeting.
- Wear safety goggles and gloves when using power tools.
- Wear protective mask and gloves when handling exposed insulation.
- Hardhats should be worn whenever there is a hazard of falling objects.

**Jobsite**
- Do not work in conditions of high winds, rain, snow or lighting.
- Watch out for power and gas lines while working.
- Unsecured roof panels may collapse. Do not stand within five feet of end of panel.
- Maintain an awareness of your location in relation to the roof edge.
- Rigid and blanket insulation will not support a worker.
- Clean spills immediately to prevent workers from slipping or falling.

**Material Handling**

**Delivery**
- Verify the jobsite has adequate access prior to delivery of materials.
- Drivers have the authority to refuse delivery to any location they see as unsafe or inaccessible.
- Customer is responsible for any charges incurred if truck is detained for any reason.
- Material should be unloaded with a forklift or crane.
- Banding should never be used to lift bundles.
- Materials should be inventoried and checked for damage at time of delivery.
- Notify building supplier of damaged material within three (3) days after delivery.
- Care should be taken to avoid damaging material during unloading or staging.

**Storage**
- Jobsite storage shall be in a clean and dry area, out of direct contact with ground water.
- Protect bottom panel from direct contact with moisture, concrete, asphalt, gravel, or any corrosive materials.
- Material stored outside should be covered with a tarp and sloped for drainage.
- A plastic cover should not be used, as this may cause condensation to occur.
- Protect material against damage from traffic, high winds, or corrosive material.
- Do not stack bundles. If stacking is required, separate bundles with 2x6 boards to distribute load.
- Do not allow panels to buckle during handling. Do not pick up sheeting by the end of the panel or carry sheets in a flat position. Always carry sheets on edge or in a vertically positioned.
Framing

Column / Door Header / Girt
Material: 16 Gauge
Piecemark: C4 / DH / G

Door Jamb
Material: 16 Gauge
Piecemark: DJ

One Piece Column
Material: 16 Gauge
Piecemark: M

Rake / Partition Angle
Material: 16 Gauge
Piecemark: PA / RA

Eave / Ridge Strut
Material: 16 Gauge
Piecemark: ES / RS
Note: Used at pitches > 1/2:12

Eave Channel
Material: 16 Gauge
Piecemark: EC
Note: Used at pitches ≤ 1/2:12

Perimeter Angle
Material: 16 Gauge
Piecemark: BA
Note: Punched 6" From End & 5'-0" O.C.

Purlin
Material: 16 Gauge
Piecemark: P4

Clips

Mini-Clip
Material: 16 Gauge
Part Code: MC
Note: Cut To 2" Length

Base Channel
Material: 16 Gauge
Part Code: BC
Note: 11 3/4" Channel - Punched 2" From Each End
Note: 5 3/4" Channel - Punched 1" From Each End

Floor Base Clip
Material: 14 Gauge
Part Code: FC

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Panels

R-Panel
Used at Roof and Walls
Part Code: RW at Wall / RR at Roof

Panel-Loc Panel
Used at Partitions
Part Code: PL

M-Panel
Used at Partitions
Part Code: ML

Central-Loc / Central Seam Plus Panel
Used at SSR Roof
Part Code: CL / CSP

Please refer to the SSR Installation Guide for specific information regarding the Central-Loc / Central Seam Plus Roofing System.
Trim

Long Eave Trim
Part Code: EF
Note: At Buildings Without Gutter

3x3 Eave (Gutter Backer)
Part Code: EF
Note: At Buildings With Gutter

High Side Eave
Part Code: HI
Note: At Single Slope Buildings

Rake
Part Code: RA

Gutter
Part Code: GU

Door Head Trim
Part Code: HE

Outside Corner
Part Code: OU

Mullion Cover
Part Code: MC

Corner Mullion Cover
Part Code: CM

Jamb Trim
Part Code: JA

Jamb / Head Cover
Part Code: JC / HC

Downspout w/ Kickout
Part Code: DK

Transition Trim
Part Code: TR
Note: At Roof Step

Peak Box
Part Code: PBOX

Outside Corner Box
Part Code: OCB

Inside Corner Box
Part Code: ICB

Formed Ridge Cap
Part Code: FRC
Note: Used at pitches > 1/2:12

Gutter End Cap
Part Code: GEND

Rake End Cap
Part Code: REND

Downspout Strap
Part Code: DSS

Gutter Strap
Part Code: GS9

Note: Used at pitches > 1/2:12
**Fasteners**

- **#14 - 7/8” Self Drilling Tek With Washer**  
  Used For:  
  - Wall Lap  
  - Trim Lap

- **#12 - 1 1/4” Self Drilling Tek With Washer**  
  Used For:  
  - Wall Sheet Driller  
  - Trim Driller

- **#14 - 7/8” Self Drilling Zac With Washer**  
  Used For:  
  - Roof Lap

- **#12 - 1 1/4” Self Drilling Zac With Washer**  
  Used For:  
  - Roof Sheet Driller

- **#12 - 1” Self Drilling Tek (No Washer)**  
  Used For:  
  - Framing  
  - Partition Sheeting

- **#12 - 2” Self Drilling Tek With Washer**  
  Used For:  
  - Partition Angle  
  - At Partition Crossing

- **½” x 2 ¾” Wedge Anchor**  
  Used For:  
  - Base Clip to Slab

- **Pop Rivet**  
  Used For:  
  - Trim Lap  
  - Downspout to Gutter  
  - Outside Corner Box  
  - Downspout Strap

**Closures**

- **Inside Closure**  
  Part Code: CLIN  
  Available with or without glue  
  Used:  
  - Between Roof Panel and Eave Trim

- **Outside Closure**  
  Part Code: CLOUT  
  Available with or without glue  
  Used:  
  - Between Rake Trim and Wall Panel  
  - Between High Side Eave Trim and Roof/Wall Panels

**Accessories**

- **Geocel Sealant**  
  Part Code: GEOCEL  
  Used:  
  - Gutter Laps  
  - Gutter to Downspout

- **7/8” Mastic Tape (40’ Roll)**  
  Part Code: BTR  
  Used:  
  - Between rake trim and roof panel  
  - Top and bottom of closures at roof  
  - Roof panel side lap  
  - Roof panel end lap

- **Touch-Up Paint**  
  Part Code: 4_SP
Framing

Panels and Trim
Tools Needed
- Tape Measure
- Hammer Drill
- 3/4" Wrench or Socket
- Chalk Line Reel
- 1/2" Masonry Drill Bit
- Hammer

Material Needed
- Base Clip, Channel, and Angles
- 1/2" Wedge Anchor, Nut, and Washer

Standard Foundation Layout
- Building supplier is not responsible for foundation design or material selection.
- Foundation will typically be 3" wider and longer than building steel dimension.
  - Refer to erection drawings for slab and notch dimensions.
- Slab will have a 1 1/2" recess at each side, permitting wall panels to run past finished floor level.
  - Wall edge notch will be 1 1/2" x 1 1/2".
  - Door edge notch will be 9 1/2" x 1 1/2".

Mark Column Locations With Chalk Line
- Refer to erection drawings for column spacing. (5'-0" O.C. Typical)

Stage Floor Clips, Base Channels, And Perimeter Angles
- Refer to erection drawings for proper location.

Fasten Floor Clips, Base Channels, And Perimeter Angles To Foundation
- Place clips and channels squarely on chalk lines.
  - Interior Base Clip/Channel will sit to one side of Chalk Line
  - Vertical leg will typically face low eave of building, sitting on the ridge/high eave side of chalk line
  - Refer to erection drawings for column location and orientation
  - Base Channel is 1/4" shorter than mullion. Center Base Channel on centerline of bay.
  - Do not lap perimeter angle.
- Using a 1/2" diameter bit, drill hole to 2" depth. Clean hole.
- Tap in 1/2" x 2 3/4" wedge anchor with hammer.
- Place washer over bolt and tighten nut with wrench or socket.
Tools Needed
- Screw Gun
- 5/16" Nut Driver
- Level
- Metal Nibbler

Materials Needed
- Framing Members
- #12 x 1" Self Drilling Tek Fastener (No Washer)

Stage Framing Material
- Identify columns, girts, and purlins then stage in proper location.
  - Note: All framing members will be shipped pre-marked with a piecemark and length.

Fasten Columns To Floor Clips (at intermediate columns)
- Place column over clip and connect with two (2) #12 x 1" self-drilling fastener using a screw gun with a 5/16" nut driver.
  - 4" web will typically face low eave of building.
  - Refer to erection drawings for column location and orientation.

Connect Columns to Channels (at door jambs)
- At Sidewall - Place one piece column inside channel and connect from behind with four (4) #12 x 1" self-drilling fasteners using a screw gun with a 5/16" nut driver.
- At Endwall - Place column inside channel and connect with four (4) #12 x 1" self-drilling fasteners.
  - Note: Door jambs will be erected after purlins and rake angles are installed.
• Connect Columns To Perimeter Angle
  o Place column against angle and connect with two (2) #12 x 1” self-drilling fasteners using a screw gun with a 5/16” nut driver.

- Perimeter Angle / Column Assembly

• Connect Partition Angle To Back Of Mullion
  o Connect partition angle to back of 12” mullion with #12 x 1” self-drilling fasteners at 12” O.C.
  o Partition Angle will typically be 1” shorter than column.

- Partition Angle at One Piece Mullion (Sidewall)
- Partition Angle at Three Piece Mullion (Endwall)

• Erect Bottom Partition Panel At Interior Walls
  o Attach bottom partition panel at partition angle and columns with #12 x 1” self-drilling fasteners.
  o Refer to erection drawings for fastener spacing.
  o Use level to make sure columns are plumb.

- Partition Panel at One Piece Mullion

• Install Corner Column
  o Place door jamb and column in 5 ¾” channel and connect with #12 x 1” self drilling fasteners.

- Door Jamb and Column at Corner
**FRAMING**

- **Install Girts**
  - Attach Mini-clip to column at midpoint of column with two (2) #12 x 1" self-drilling fasteners.
  - Place girt over mini-clip and secure from above with two (2) #12 x 1" self-drilling fasteners.
  - Note: Girt will typically be ½” shorter than column-to-column dimension.
  - Typically girt should sit on mini-clip as shown; however, mini-clip may be installed on top of girt to ease installation at back-to-back clip conditions.
  - Girts at 6" Door Jamb condition will be turned 90° to allow clearance for door track.

- **Install Purlins**
  - Position purlin over column and secure with #12 x 1" self-drilling fasteners.
  - Refer to erection drawings for fastener quantity
  - Continue length of the building overlapping 8” minimum where purlins meet.
  - Purlin must be lapped at a column location.
  - Notching of lower leg may be required at endwall to clear door jamb at 3-piece mullion.
  - Buildings without longitudinal partitions may require a knee brace angled between column and purlin.

- **Install Eave Channel**
  - Place eave channel on top of mullions.
  - Fasten to mullion/door jamb with #12 x 1" self-drilling fasteners.
  - Eave Channel will typically be 1/8” shorter than the bay it spans.
  - When eave channel splices at single column conditions, attach mini-clip to one side of column.
  - At 6” endwall door jambs, the eave channel must be notched to clear door jamb.
• Install Rake Angle
  o Position rake angle on top of endwall column with long leg vertical.
  o Fasten to purlin and column with #12 x 1" self-drilling fasteners.
    • Note: If lapping is required, lap rake angle at a purlin location.

Rake Angle at End Wall

• Install End Wall Door Jambs
  o Place door jambs inside channel and connect with two (2) #12 x 1" self-drilling fasteners.
  o Connect door jambs to rake angle with two (2) #12 x 1" self-drilling fasteners.

Endwall Base Channel / 3-Piece Mullion Assembly

• Install Door Headers
  o Identify headers and stage where required.
  o Pre-attach header cover and mini-clip to header with (2) #12 x 1 1/4" colored self-drilling fastener with washer. Fasten trim to door head at 24" O.C.
    • Door header will typically by 1/4" shorter then door opening width.

Door Header with Header Cover and Mini-Clip Attached

  o Lift header assembly into place and attach to mullion/door jamb with (2) #12 x 1" self-drilling fasteners.
  o 10' wide endwall units will require a header reinforcement and stub column to support purlin
• Finish Out Transverse Partition Panels
  o Position partition panels so that panels overlap.
  o Secure to columns with #12 x 1” self-drilling fasteners.
  o Continue until paneling reaches purlins.
  o Trim top sheet to match roof pitch and clear purlin leg to close in unit.

![Partition Panel with Top Sheet Notched To Clear Purlins](image)

• Erect Longitudinal Partition Panels
  o Attach partition angle to column at desired bay depth.
  o Secure to panel and column with #12 x 2” self-drilling fasteners @ 12” O.C.
  o Fasten partition panel to partition angle and column with #12 x 1” self-drilling fastener.
  o Refer to erection drawings for fastener spacing.

![Partition Angle](image)
![Transverse Panels/Partition Angle](image)
![Section at Partition Angle](image)
• Attach Mullion Cover
  - Place mullion cover over one-piece mullion and secure with #12 x 1 1/4" colored self-drilling fastener with washer at each end and 24" O.C.

Mullion Cover At One Piece Mullion

Section At Mullion Cover

• Install Jamb Cover And Jamb Trim (At Panel Wall Door Jamb)
  - Place jamb cover trim over door jamb
  - Fasten with #12 x 1 1/4" colored self-drilling fastener with washer at each end and 24" O.C.
  - Position Jamb Trim and fasten with #12 x 1 1/4" colored self-drilling fastener with washer @ 24" O.C.

Jamb Cover & Trim At 4" x 3 ½" Door Jamb

Section At Jamb

• Erect Wall Sheets
  - Position wall sheets so that sides lap at 36" O.C.
  - Double check that wall sheet is level.
  - Fasten wall sheet to base channel, wall girt, and eave channel (or rake angle) with #12 x 1 ¼" colored self-drilling fastener with washer. Refer to erection drawings for fastener spacing.
  - Direct contact with cement foundation, asphalt, gravel, or other corrosive materials is not recommended

Wall Sheet At 4" x 3 ½" Door Jamb

Section At Door Jamb
• Install Head Trim And Wall Panels Above Doors.
  o Attach head trim to header with (2) #12 x 1 1/4" self-drilling fastener with washer (one each end).
  o When possible, locate fastener to occur at high rib location of wall panel.
  o Place wall panel on top of head trim.
  o Fasten wall panel to header and eave channel (or rake angle) with #12 x 1 1/4" colored self-drilling fastener with washer. Refer to erection drawings for fastener spacing.
  o If needed, you may field drill weep holes in underside of head trim.

• Install Corner Trim
  o Place Corner Trim over wall panels and fasten with #12 x 1 1/4" colored self-drilling fastener with washer @ 24" O.C.
  o Maintain gap between trim and concrete foundation. Direct contact may cause accelerated corrosion.
ROOF PANELS AND TRIM

- **Tools Needed**
  - Screw Gun
  - 5/16” Nut Driver
  - 3/8” Nut Driver (Zac screws)
  - Metal Nibblers
  - Pop Rivet Gun

- **Material Needed**
  - Mastic
  - String Line
  - Geocel Sealant
  - Inside Closures

- **Install Low Side Eave Trim**
  - Use 3x3 Eave trim for building with gutters.
  - Use Long Eave Trim for building without gutters.
  - Position Eave Trim on top of Eave Channel.
  - Fasten to eave channel with (2) #12 x 1 ¼” self-drilling fastener with washer (one each end).

- **Install Insulation (Optional)**
  - Refer to insulation manufacturers recommended installation instructions.
  - Please note that insulation and other building materials that can soak up moisture should not be exposed to the exterior of the building. Install the insulation at least one inch above the bottom edge of the panels and fold the insulation face around the bottom edge of the fiberglass.
• Install Roof Panels
  o Place mastic at closure line, full length of building, leaving top paper backer in place
  o Place mastic tape on sidetrap panel ridge, leaving paper backer in place.
  o Position first roof panel and make sure that the overhang is equal on both sides of the building.
  o Create a string line to measure roof panel placement.
  o Peel off paper backer and secure panel to neighboring panel.
  o Position inside closure at edge of eave channel so that it is aligned with underside corrugation of panel.
  o Peel back mastic paper on bottom of closure strip and mastic and secure to eave strut.
  o Place mastic on top of closure, leaving top paper backer in place.
  o Lift up roof panel, peel back mastic paper on top of closure.
  o Place roof panel over closure and fasten to eave channel and purlins with #12 x 1 1/4" colored self-drilling Zac with washer. See erection drawings for fastener spacing.
  o Fasten at sidetaps with #14 x 7/8" colored self-drilling Zac with washer at 24" O.C. max.

• Ridge Conditions
  o $\leq \frac{1}{8}:12$ roof pitch –
    ▪ Roof panel will typically run full depth of building.
    ▪ Roof panel will rollover center purlin.
    ▪ Buildings wider than 45' may require three (3) roof sheets (refer to erection drawings).
    ▪ At 3 piece roof condition, run butyl tape continuous between roof panel end laps.
  o $> \frac{1}{8}:12$ roof pitch –
    ▪ A pitched roof will require (2) roof sheets and a formed ridge cap (refer to erection drawings).

• Install Gutters
  o Fasten gutter straps to panel high rib at 36" O.C. with #12 x 7/8" self-drilling Zac with washer.
  o Fasten gutter to roof panel and gutter straps with #12 x 7/8" self-drilling Zac with washer.
    ▪ Fasten gutter to roof panel @ 12" O.C.
  o Seal gutter laps with geocel sealant and fasten with pop rivet as required.
  o Seal gutter end cap with geocel sealant and fasten with pop rivets as required.
• Install Rake Trim
  o Place mastic tape on top of corresponding roof panel.
  o Attach rake trim to roof panel with #14 x 7/8” self-drilling Zac with washer at 12” O.C.
  o Insert outside closure between rake trim and wall panel and fasten rake trim to panel high rib with #14 x 7/8” colored self-drilling fastener with washer at 12” O.C.

• Install Rake End Cap (At buildings without gutters)
  o Fasten Rake end cap with pop rivets as required.

• Install Outside Corner Box (At buildings with gutter)
  o Seal connections with acrylic sealant and fasten with pop rivets as needed.
• Install Downspouts
  o Attach downspout strap to mullion / wall panel with pop rivet or lap screw.
  o Field cut and bend downspout outlet in bottom of gutter.
  o Outside dimension of outlet will be 3 3/8" x 3 7/8".
  o Insert downspouts from underneath.
  o Note: At steeper pitches, top of downspout may be mitered to match roof pitch to achieve a better fit.
  o Seal connection with Geocel sealant and fasten with pop rivets.
  o Secure base of downspout to strap with pop rivet.

• Install Peak Box
  o Place peak box at top of ridge where rake trims meets.
  o Attach with #14 x 7/8" colored self-drilling Zac with washer.
  o Seal lap between peak box and rake trim with Geocel sealant.

• 5. Assemble and Install Roll Up Doors
  o Refer to door manufacturers recommended installation instructions.
Erector note: Maintain gap between edge of galvalume material and concrete foundation. Direct contact with concrete, asphalt, gravel, dirt, mulch, etc. may cause accelerated corrosion.
DOOR MULLION CONDITIONS

FRAMING ISOMETRIC VIEW

12” DOOR MULLION

FRAMING ISOMETRIC VIEW

12” ENDWALL DOOR MULLION

FRAMING ISOMETRIC VIEW

12” DOOR MULLION AT STEP

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6" DOOR JAMB CORNER

- Wedge Anchor
- Base Angle (4"x2"x16ga)
- Line of Concrete Notch Below
- Base Channel
- Column (4"x2"x16ga)
- #12 x 1" SD

SECTION VIEW AT BASE

- Frame Isometric View
- Mini-Clip
- Door Jamb
- Girt
- Column
- Base Angle
- Base Channel

SECTION VIEW AT PANEL/TRIM

- 1 1/4" Fastener (24" O.C.)
- Corner Cover
- Outside Corner Trim
- Outside Corner Trim
- Corner Cover

TRIM ISOMETRIC VIEW

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DOOR HEAD / JAMB CONDITIONS

Sample Details Only – Refer to Erection Drawings For Job Specific Details

ISOMETRIC VIEW

DOOR HEAD

ISOMETRIC VIEW
LONG EAVE TRIM

#12 x 1 1/4" ZAC (6 PER PANEL)
ROOF PANEL

FOLD BACK VINYL
DOUBLE SIDED TAPE
#12 x 1" SD

#12 x 1 1/4"
OR POP RIVET
(TMPRARY FASTENER)
(2 PER TRIM PIECE)

BUTYL TAPE
INSIDE CLOSURE
BUTYL TAPE

EAVE CHANNEL
#12 x 1 1/4"
(3 PER PANEL)

LONG EAVE TRIM

COLUMN
WALL PANEL

SECTION VIEW

DOUBLE SIDED TAPE

7/8" ZAC LAP
(24" O.C.)

BUTYL TAPE
(SIDELAP)
BUTYL TAPE
(CLOSURE TO SIDELAP)

BUTYL TAPE
(OVER CLOSURE)
INSIDE CLOSURE
BUTYL TAPE
(UNDER CLOSURE)

ISOMETRIC VIEW

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MISCELLANEOUS DETAILS

Sample Details Only – Refer to Erection Drawings For Job Specific Details

HIGH SIDE EAVE

- #12 x 7/8" ZAC (at each high rib)
- BUTYL TAPE
- OUTSIDE CLOSURE
- BUTYL TAPE
- ROOF PANEL

HIGH SIDE EAVE TRIM

- #12 x 1 1/4" ZAC (6 per roof panel)
- 1 1/4" FASTENER (12" o.c.)

WALL PANEL

- 7/8" LAP (at each high rib)
- OUTSIDE CLOSURE

SECTION VIEW

- HIGH SIDE EAVE TRIM

- BUTYL TAPE

- OUTSIDE CLOSURE

- BUTYL TAPE

OUTSIDE CLOSURE

ISOMETRIC VIEW
MISCELLANEOUS DETAILS

Sample Details Only – Refer to Erection Drawings For Job Specific Details

FORMED RIDGE CAP

- #12 x 1 1/4" ZAC (8 per roof panel per side)
- #12 x 7/8" ZAC (1 per roof panel per side)
- Butyl Tape (Continuous)
- #12 x 1" SD
- Pitched Ridge Strut
- Column

SECTION VIEW

FORMED RIDGE CAP

Butyl Tape (Continuous)

ISOMETRIC VIEW

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MISCELLANEOUS DETAILS

Sample Details Only – Refer to Erection Drawings For Job Specific Details

ROOF PANEL LAP ATTACHMENT

7/8" ZAC LAP
(24" O.C.)

CONT. TAPE AT
PANEL OVERLAP

1 1/4" ZAC FASTENER
(EACH SIDE OF MAJOR RIB)
(LOCATE FASTENER BEHIND LAP TAPE)

ROOF PANEL

#12 X 1" SD

COLUMN

PURLIN

SECTION VIEW

1 1/4" ZAC FASTENER
(3 PER PANEL & PURLIN)

7/8" ZAC LAP
(24" O.C.)

7/8" ZAC LAP
(24" O.C.)

PRESSING WIRE

SECTION A-A
VIEW AT SIDE LAP

SECTION F-B
VIEW AT END LAP

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MISCELLANEOUS DETAILS

Sample Details Only – Refer to Erection Drawings For Job Specific Details

RAKE

- #12 X 7/8" ZAC (12" O.C.)
- BUTYL TAPE
- ROOF PANEL
- PURLIN

RAKE TRIM
RAKE ANGLE
1 1/4" FASTENER (12" O.C.)

7/8" LAP (AT EACH HIGH RID)
OUTSIDE CLOSURE
WALL PANEL
COLUMN

SECTION VIEW

ISOMETRIC VIEW

OUTSIDE CLOSURE

BUTYL TAPE

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RAKE END CAP

TOP VIEW AT RAKE END CAP

FACE VIEW AT RAKE END CAP

ISOMETRIC VIEW

MISCELLANEOUS DETAILS

Sample Details Only – Refer to Erection Drawings For Job Specific Details
12" STEP CONDITION

1 1/4" ZAC (AT EACH SUPPORT)
7/8" ZAC LAP (12" O.C.)
CONT. TAPE
RAKE TRIM
RAKE ANGLE
1" DRILLER (AT EACH SUPPORT)
CONT. TAPE
TRANSITION TRIM
7/8" ZAC LAP (12" O.C.)
CONT. TAPE
RAKE ANGLE
1" DRILLER (AT EACH SUPPORT)
GUTTER
OUTSIDE ANGLE TRIM
HEAD TRIM
JAMB TRIM
MULLION COVER

SECTION VIEW

ISOMETRIC VIEW

FACE VIEW
MISCELLANEOUS DETAILS

Sample Details Only – Refer to Erection Drawings For Job Specific Details

18" STEP CONDITION

- 1 1/4" ZAC FASTENER (AT EACH SUPPORT)
- 7/8" ZAC LAP (12" O.C.)
- CONT. TAPE
- RAKE ANGLE
- 1 1/4" FASTENER (12" O.C.)
- RAKE TRIM
- 1" FASTENER (AT EACH SUPPORT)
- 7/8" LAP (12" O.C.)
- OUTSIDE CLOSURE
- WALL PANEL
- 1 1/4" FASTENER (12" O.C.)
- TRANSITION TRIM
- 7/8" ZAC LAP (12" O.C.)
- CONT. TAPE
- RAKE ANGLE
- 1" DRILLER (AT EACH SUPPORT)

SECTION VIEW

ISOMETRIC VIEW

FACE VIEW

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