STABLE TERMINOLOGY

- Lean To Bay
- RCA Short Wall
- 4:12 Pitch
- Raised Center Aisle (RCA)
- 1:12 Pitch Lower Roof
- Side Door Opening
- Optional Wall Art
- 10' Breezeway Opening W/ 2 Sliding Doors
- Personnel Door
- Side Door Opening
- FRONT
- Lean To Bay

Priestert Ranch Equipment
STABLE PARTS LIST

TOP SECTION
Truss Frame
Part#: STTRUSS
QTY PER BAY: (4)
ADD ON BAY (+2)

C PURLIN
Part#: SHPURLINS
QTY PER BAY: (12) HEAVY/SNOW LOAD (14)

Z Purlin (Ridgeway)
Part#: STZPURLIN142
QTY Per Bay: (2)

Flat Strap
Part#: SHSTRAP
QTY PER BAY: (4)
STABLE PARTS LIST (CONT.)

SIDE PANEL
Part#: SHESIDE
QTY PER BAY: (4)** WITH NO PERSONNEL DOORS
ADD-ON QTY PER BAY: (+2)

CORNER BRACE
Part#: SHBRACE
QTY PER BAY: (4)

SHELTER LEG
Part#: SHLEG
QTY PER BAY: (8)
ADD-ON QTY PER BAY: (+4)

BACK PANEL
Part#: SHEBACK
QTY PER BAY: (2)
STABLE PARTS LIST (CONT.)

**CENTER TRUSS SECTION**
Part # STTRUSSGY  
QTY: (2)  
ADD-ON QTY PER BAY: (+1)

**STALL DOOR STOP**
Part # STDSGY  
QTY: 1 PER SLIDING DOOR

**STALL SLIDING DOOR**
Part # STSLDOOR  
QTY: 1 PER STALL

**STALL DOOR BACK**
Part # STSLDOORBACK  
QTY: 1 PER BACK DOOR

**CENTER TRUSS BRACE**
Part # STBRACE  
QTY: (1) PER TRUSS
STABLE PARTS LIST (CONT.)

DOOR TRACK ASSEMBLY
Part # STDTGY
QTY: (2)
(1 Per 10' Stall Door opening)

FIR-OUT ASSEMBLY
Part# STFOGY
QTY: 2 PER 10' STALL DOOR OPENING

DOOR FRAME
Part# STDOORGY
QTY: 2 PER 10' STALL DOOR OPENING

SHELTER ANCHOR ASSEMBLY
Part# SHANCHORGY
QTY PER BAY: (8)
ADD-ON BAY (+4)

ANCHOR FIR-OUT ASSEMBLY
Part# TBD
QTY: 1 PER FIR-OUT
(2 Per Personnel Door Opening)

DOOR WHEEL ASSEMBLY
Part # TBD
QTY: 2 PER SLIDING DOOR
STABLE DOOR OPTIONS

TACK ROOM FRONT WALL
Part# SHTRFGY
QTY: 1 PER TACK ROOM

SIDE ENTRY DOOR SECTION
Part# STSDFRAMEGY
QTY: 1 PER PERSONNEL DOOR

DOOR JAM/GROUND ANCHOR RECIEVER, Part# TBD
QTY: 1 PER PERSONNEL DOOR

DUTCH DOOR
Part#: TBD

DOOR/FRAME
Part#: PREMIER-TBD
STABLE LEANTO PARTS LIST

SHELTER LEG
Part#: SHLEG
QTY PER BAY: (8)
ADD-ON QTY PER BAY: (+4)

LEANTO TRUSS
Part#: LTTRUSS
QTY: 2
+ 1 Per Add-On Bay

LEANTO CORNER BRACE
Part#: LTCBRACE
QTY: 4
+ 2 Per Add-On Bay

LEANTO BRACE
Part#: LTBRACE
QTY: 1 Per Bay

SHELTER PURLIN
Part#: SHPURLINS
QTY: 4 Per Bay

SHELTER CONCRETE CLIP
Part #: SHCCGY
QTY: 1 Per SHLEG

TIN LIST
13 1/2" ASHEET13.5 QTY (2) Per Bay
17" ASHEET17 QTY (2)
20" ASHEET20 QTY (2)
23" ASHEET23 QTY (2)
26" ASHEET26 QTY (4) (+ 2) Per Add-On Bay
180" ASHEET180 QTY (4) Per Bay

SHELTER ANCHOR
Part#: SHANCHOR
QTY: 1 Per SHLEG

Priefert®
Ranch Equipment
# STABLE "TIN" PARTS LIST

**PER BAY FIGURES**

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Part Number</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>36&quot;</td>
<td>TIN Part#: ASHEET36</td>
<td>QTY (8) RCA ISLE SIDES</td>
<td></td>
</tr>
<tr>
<td>108&quot;</td>
<td>TIN Part#: ASHEET108</td>
<td>QTY (8) RCA ROOF</td>
<td></td>
</tr>
<tr>
<td>118&quot;</td>
<td>TIN Part#: ASHEET118</td>
<td>QTY (8, 2 PER DOOR) DOOR FRAME</td>
<td></td>
</tr>
<tr>
<td>120&quot;</td>
<td>TIN Part#: ASHEET120</td>
<td>QTY (8) BACK WALLS</td>
<td></td>
</tr>
<tr>
<td>121&quot;</td>
<td>TIN Part#: ASHEET121</td>
<td>QTY (4) STABLE FRONT/REAR</td>
<td></td>
</tr>
<tr>
<td>123&quot;</td>
<td>TIN Part#: ASHEET123</td>
<td>QTY (4) FIROUT METAL</td>
<td></td>
</tr>
<tr>
<td>124&quot;</td>
<td>TIN Part#: ASHEET124</td>
<td>QTY (4) STABLE FRONT/REAR</td>
<td></td>
</tr>
<tr>
<td>127&quot;</td>
<td>TIN Part#: ASHEET127</td>
<td>QTY (4) STABLE FRONT/REAR</td>
<td></td>
</tr>
<tr>
<td>130&quot;</td>
<td>TIN Part#: ASHEET130</td>
<td>QTY (4) FRONT/REAR</td>
<td></td>
</tr>
<tr>
<td>132&quot;</td>
<td>TIN Part#: ASHEET132</td>
<td>QTY (4) TACK ROOM FRONT</td>
<td></td>
</tr>
<tr>
<td>150&quot;</td>
<td>TIN Part#: ASHEET150</td>
<td>QTY (8) SHELTER ROOF</td>
<td></td>
</tr>
</tbody>
</table>

---

**Diagram**

- **Part#: ASHEET58L** | **QTY: 1 PER END WALL**
- **Part#: ASHEET70L** | **QTY: 1 PER END WALL**
- **Part#: ASHEET82**  | **QTY: 1 PER END WALL**
- **Part#: ASHEET70R** | **QTY: 1 PER END WALL**
- **Part#: ASHEET58R** | **QTY: 1 PER END WALL**

---

**Ranch Equipment**

- Priefert®

---

**Sheet 19 of 44** | **Rev: 3-5-09**
STABLE "TRIM" PARTS LIST

RIDGE CAP, QTY PER BAY: (1), Part#: TRIMRIDG146

RCA (RAISED CENTER IAISLE) CORNER TRIM (QTY: 4), Part#: TBD

STABLE BAY CORNER RAKE TRIM (QTY: 4), Part # TRIMRAKE150

SHELTER BAY CORNER TRIM (QTY: 4), Part # TRIMOC108

X WINDOW, SMALL (QTY:1), OPTIONAL Part # STWINART

X WINDOW, LARGE, QTY PER SLIDING DOOR (1), Part#: STDOORART

TRIM TRACK COVER, QTY PER SLIDING DOOR ASSY: (2), Part# TRIMTC168

TRIM/FLASHING, QTY PER BAY: (2), Part#: TRIMFLASHING120

BIRD STOP, QTY PER BAY: (8), Part#: BIRDSTOP

Priéfert®

Ranch Equipment
OPTIONAL STALL ACCESSORY LIST

UPPER STALL CLIP
Part# SHWMNG
QTY: 2 PER STALL

LOWER 2-WAY STALL FRONT CLIP
Part# SHCLIP2
QTY: 1 PER CENTER POST

LOWER STALL CLIP
Part# SHCLIP190
QTY: 1 PER POST

LOWER STALL CLIP
Part# SHCLIP290
QTY: 1 PER POST

LOWER STALL CLIP
Part# SHCLIP290
QTY: 1 PER POST

LOWER 3-WAY STALL CLIP
Part# SHCLIP3
QTY: 1 PER CENTER POST

LEFT SIDE STALL FRONT CLIP
Part# SHCLIPL
QTY: 1 PER STALL

RIGHT SIDE STALL FRONT CLIP
Part# SHCLIPR
QTY: 1 PER STALL
3/8"x1" FLOW BOLT (Self-Tapping)
Part#: FB061.00ZPG2ST
QTY: (113)

3/8"x 2 1/2" BOLT
Part#: FB060_2.50ZPG2
QTY: (28)

3/8"x3" BOLT
Part#: FB063.00ZPG2
QTY: (8)

3/8"x3/4" BOLT
Part#: FB060.75ZPG2
QTY: (8)

3/8" WASHER
Part#: FW06
QTY: (32)

5/16 x 7/8" LAP SCREW
Part#: FB14-14x7/8LAP
QTY: (512)

5/16" x 1" TEK SCREW (Self-Drilling)
Part#: FB051.00ZPG2TEK
QTY: (5)

5/16" x 3/4" TEK SCREW
Part#: FB12-14x3/4TEK
QTY: (846)

5/16" x 2 1/4" TEK SCREW
Part#: FB12-14x1-1/4TEK
QTY: (312)

3/8"x 1 1/4" TEK SCREW
Part#: FB12-14x1-1/4TEK
QTY: (312)

3/8"x 3/4" BOLT
Part#: FB060.75ZPG2
QTY: (8)

3/8" NUT
Part#: FN06
QTY: (8)

5/16"x 1" TEK SCREW
Part#: FB051.00ZPG2TEK
QTY: (5)

3/8"x 7/8" TEK SCREW
Part#: FB14-14x7/8TEK
QTY: (846)

3/8"x1" TEK SCREW
Part#: FB12-14x1-1/4TEK
QTY: (312)

5/16"x 1 1/4" TEK SCREW
Part#: FB12-14x1-1/4TEK
QTY: (312)

5/16"x 3/4" BOLT
Part#: FB060.75ZPG2
QTY: (8)

5/16"x 1" TEK SCREW (Self-Drilling)
Part#: FB051.00ZPG2TEK
QTY: (5)

General Note: Hardware quantity totals on Sh 11 are per single bay figures.
IMPORTANT:

Priefert Classic Barns can be erected on a concrete foundation or on a dirt pad. If the Classic Barn is going to be erected on a dirt pad, anchor rods as shown in Fig.#1 are used. The following sheets will show barn assemblies for dirt pads and for concrete.

If the Classic Barn is going on Concrete, Hilti bolts "Can be seen in Fig.#2" are used in the assembly process. The Hilti bolts have pre-drilled locations in the lower frame members to allow ease of installation. Sheet #23 will show the Hilti locations in the frame work.
ANCHOR ROD LAYOUT (SUMMARY NOTES)
FOR BARNS WITHOUT CONCRETE FOUNDATION

NOTE: Pictorial views of the step below are found on the "Plan View", and "Anchor Layouts (Sheets 14-16)

Locate all Ground Anchor positions and lay them out. Attach all Ground Anchors together using the 4 inch Purlin that is supplied for the top of the shelters. These will tie into the ground and set the distance between the Anchors. Raise all of the Purlins off the ground by 4 inches from the highest ground elevation. All of the Ground Anchors must be at the exact height and level before the concrete is poured. Make sure that all Anchor tops are at the same elevation and nothing is sloping, otherwise it will be more difficult to get all of the Fir-Outs and other components to bolt into the Stable at the latter stages.

Start with a Shelter Anchor and connect all four legs of the Shelter Bay, and then tie in the Second Bay Shelter Purlin. After all of the Bay Anchors on one side are secure with Purlin, start the other side and repeat the process. All Shelter Anchors must be apexed (See Sh 14) and made perfectly square before proceeding. After the Shelter Anchors are located, you must also do the same with the Fir-Out Anchors. The Fir-Outs have two bolts that connect them to the front Shelter legs to hold them in place. Pour concrete around the ground anchors and wait until it is cured.

NOTE: If built on Concrete Slab instead of using Ground Anchors use HILTI (HIT-RE 500) Adhesive Anchors, or Red Head 1/2" x 5" material. ***Shelter and Fir-Out Anchors not required.
ANCHOR ROD "PLAN VIEW"

FOR BARNs WITHOUT CONCRETE FOUNDATION

Purlins (Temp), 14 pl

Detail A (See Sh 16)

ANCHOR CENTER

144 0"

180"

288 0"

144 0"

29"

122"

468"

SHELTER SECTION

BREEZEWAY SECTION

Tool List

<table>
<thead>
<tr>
<th>1/2&quot; Socket</th>
<th>Ratchet</th>
<th>1/2&quot; Bit</th>
<th>Level-2&quot; Min.</th>
<th>2 Ladders</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/16&quot; Socket</td>
<td>3/8&quot; Impact</td>
<td>3/8&quot; Bit</td>
<td>Hammer</td>
<td>Scaffold-optional</td>
</tr>
<tr>
<td>5/16&quot; Socket</td>
<td>Drill</td>
<td>Tape Measure</td>
<td>Dead Blow Hammer</td>
<td>Utility Knife</td>
</tr>
<tr>
<td>3/4&quot; Socket</td>
<td>#2 Phillips Bit</td>
<td>Nylon String-Chalkline</td>
<td>Square</td>
<td>Equipment to unload up to 3000lb. Crate</td>
</tr>
<tr>
<td>5/16&quot; Hex Bit</td>
<td>Hammer Drill</td>
<td>Post Hole Diggers</td>
<td>Circular Saw</td>
<td></td>
</tr>
</tbody>
</table>

Appropriate Sheet Metal Cutting Tools: Shears, Nibblers, etc.
ANCHOR ROD (PICTORAL)

FOR BARNS WITHOUT CONCRETE FOUNDATION

Shelter Bay Anchors (12)

Fir-Out Anchors (4)
ANCHOR ROD LAYOUT DETAILS

FOR BARNs WITHOUT CONCRETE FOUNDATION

See Detail B

View A-A
See Sheet 14

1 Bolt required, each end of Purlin, 14 purlin

Top Of Grade

16 Sq Typ

Detail B
SHELTER BAY TRUSS ASSEMBLY
FOR STABLES WITH CONCRETE AND DIRT FOUNDATIONS

NOTE: Hole orientation is crucial, make sure that the holes are lined up exactly as shown in the detailed views.

NOTE: The (3) consecutive holes at the top of the legs should face upward when installed correctly.

Step 1: Lay the Top Section Truss on the ground and slide the side panel onto it at each end. Secure each leg with (2) 3/8" x 1" Flow Bolts.

Step 2: Repeat Step 2 to complete the Shelter Bay Truss Assembly for the other side of the structure.

NOTE: Same directions will be used for Side Entry Frame.
NOTE: OMIT STEPS 3 AND 4 IF USING CONCRETE FOUNDATION

Step 3: Line up the holes of the Ground Anchor per Detail C, with the holes of the leg and slide it up inside the leg. Secure with (3) 3/8" x 1" Flow Bolts.

Step 4: Repeat step 4 to complete the leg assembly for the other side of the structure.
SEE DETAIL C

Concrete Slab

Leg

Line up barn side panel to the edge of the concrete tin ledge on the back and side with the Leg hanging over 1/4” as shown in detail C. There are thru holes in the lower square tubing to secure frame to the concrete with Hilti bolts later in the process.

NOTE:
FOR CONCRETE FOUNDATION ONLY

Step 5:
Step 6: Now that the outer frame is standing, locate the back wall to the back edge of the concrete and secure with 3/8" X 1" Flow Bolts, making sure that the angle iron opens outward. Connect them at the locations shown in Details D, E, and F.

Step 7: Locate the second side panel and top section truss frame and attach it to the other side of the back wall as performed in Step 5.
OPTIONAL TACK/SIDE ENTRY FRAME ASSEMBLY

**Step 1a:** Side Entry Option: If this option is desired it replaces a full Side Panel installation. In Place of a Side Panel install the optional Side Entry Frame with Shelter Leg (2) and Truss Frame Top Section per steps 2 and 3. Align and secure with 3/8" x 1" Flow Bolts.

**Step 1b:** Tack Entry Option: If this option is desired, attach to pre-drilled holes in both the side panel of the second bay and the wall side section with 3/8" x 1" Flow Bolts. An additional C-Purlin is be installed above the Tack Entry Door with the same hardware.

**Step 1c:** Insert Door Jam Receiver with Self-Drilling TEK Screws.

**Step 1d:** Use Fir-Out Anchors and secure with (3) 3/8" x 1/2 Flow Bolts.
OPTIONAL STALL SLIDING DOOR ASSEMBLY

Step 1: Install Optional Sliding Door Panel, refer to sheet 21, Steps 6 and 7, for installing Back Panel.

Step 2: Insert (2) Door Wheel Assemblies into top of stable sliding door, as shown in Detail A. And secure with (2) 1/2" Hex Nuts, leaving 1/2" from the bottom of the square pipe to the end of the shaft on the Door Wheel Assemblies, see Detail B.
Step 3: Install Door Track to mounts located on the top of the Sliding Door Panel, and secure with (3) 3/8"x1/2" Bolts, see Detail C.
Step 4: Guide the Door Wheel Assemblies into the left side of the Door Track, shown in Detail D. Slide down the track until the door locks into place, see Detail E.
Step 1: Install Optional Back Panel with Window, refer to Sheet 20, Steps 6 and 7, for installing Back Panel.

Step 2: Install Window Frame into Back Panel Window Slot, and secure with (8) 5/16" TEK Screws, see Detail A.
OPTIONAL BACK PANEL WITH DUTCH WINDOW

Step 1: Install
Step 8: Brace the Truss frames with the C-Purlins as shown per Detail G. Align the holes and secure with 3/8" x 1" Flow Bolts.

NOTE: Use a level and framing square to ensure that all four sides and top are level and square. The OD measurements on all four sides should be 12'-2 1/2". The diagonal ID measurement in both directions of the assembly should be approximately 16' 11 5/8" at this stage.
SECOND SHELTER BAY ASSEMBLY

**Step 9:** Repeat step 6 and 7 to complete the Second Bay Shelter on the opposite anchors adjacent to First Bay Shelter. Anchor the bays using the pre-set anchors at each corner.

**Step 10:** Install the 1-1/4" Flat Strap (2) to the First Bay Shelter by securing the (2) 3/8" x 1" Flow Bolts into the pre-drilled holes in the top bays 2" x 4" tubing. When the assembly is squared properly the straps should fit tightly in an "X" configuration. Perform the same step to the top of the Second Bay Shelter.

**Step 11:** Continue Steps 3-9 to build opposite Shelter Bays. The Second Bay Purlins are adjacent and the bolts install from the inside per Detail H.
**OPTIONAL STALL FRONT ASSEMBLY INSTRUCTIONS**

**Step 1:** If structure is installed on a dirt floor, remove the (2) previously installed 3/8"X1" Flow Bolts from the bottom of the shelter leg (There are no bolts pre-installed if on concrete) and position the bottom stall clip to where the 6" tabs are to the inside of the shelter. Secure it to the shelter leg with (2) 3/8"x1" Flow Bolts as shown in Detail A. The clip in Detail A is an SHCLIP2 and is used to add stall fronts to continuous bays. If there is only one front needed, use a SHCLIP left or right like used in Detail B.

**Step 2:** Repeat the process in Step 1 for the left side of the shelter using a SHCLIPL as shown in Detail B. The same process is applied for the right side of the shelter using a SHCLIPR.
**Step 3:** Slide the stall front down onto the stall clips (Part#: SHWNMG). Next, slide the top stall clips down into the top of the stall front leg and secure it to the stable post with 3/8"x1" self tapping flow bolts. This concludes the stall front installation process.
Step 12: Hoist the Center Truss Sections into place, in a front to back order. Insert the Center Truss Sections (legs) into the tops of the front tubing of the shelter assemblies per Details J. There are holes that will line up and dictate the distance that the hall truss will go into the leg. Repeat these steps until all Center Trusses are erected for every bay in the stable.
Step 13: The Stable should appear as shown to this point. Assure that bay shelters on both sides are erected, squared, and leveled with perlins and flat straps secured tightly.

NOTE: This illustration shows a 2-bay classic barn assembly. The barn that you are constructing may have more bays and should have all added bays constructed to this point.
INSTALLATION ON CONCRETE ONLY

Step 14: All of the building corners should be at the edge of the tin ledge and squared up at this point. Once the building is square, insert the 1/2"X7" Hilti bolts in all of the lower square tubing thru holes as shown. Pre-Drill the concrete 4" for the Hilti bolts. There should be 1 inch of the Hilti shank above the top of the square tubing after inserted into the hole.
Step 15: Connect the Center Sections at the ridges of the RCA by install the Ridgeway Z Purlins (4) with 3/8" x 1" Flow Bolts per Detail L.
Step 16: Stabilize the RCA Section by installing C-Purlins (12) on the eves and slopes spanning the entire center section with 3/8" x 1" Flow Bolts per Detail K.

Step 17: Install the Fir-Out Assemblies (2) on the Ground Anchors with (5) 3/8" x 1" Flow Bolts. Repeat this step on the back side of the Stable.
Step 18: Install the (2) Center Truss Braces with 3/8" x 1" Flow Bolts per Detail M. Repeat this step on the back side of the Stable.
Step 19: Install the Door Track Assembly by inserting the square tubing of the Door Track Interior Rail in-between the Center Brace and the top of the Fir Out, per Detail P. Use the 3/8" x 3" bolts (5) thru the top of the Fir-Outs and into the Center Brace, also (1) in the center of the Assembly. Repeat this step on the back side of the Stable.
Step 1: Start by attaching the SHLEGs to all LTTRUSSes as shown on Sheet 18. Rotate the SHLEG to match the legs of the SHESIDE.

Step 2: Now go ahead and attach SHANCHOR as shown on Sheet 19. If using a SHCC, Concrete Clip, instead refer to Detail view above using (3) 3/8" X 1" Flow Bolts.

Step 3: Attach assembly to STTRUSS as shown in DETAIL R using (2) 3/8" X 3" Bolts, Nuts, and Washers.
Step 4: Repeat Step 3: from previous sheet. After that is completed, tie the 2 LTTRUSS-SHLEG assemblies together using LTBRACE using (2) 3/8" X 1" Flow Bolt and (2) 3/8" X 1" Self-Drilling Screws.
Step 5: Now to install the LTCBRACEs. First, attach using (2) 3/8" X 1" Flow Bolts as shown above. Then, using a level, make sure the leg is straight both ways and then place the 3/8" X 1" Self-Drilling Screw at indicated point into the LTBRACE.

Step 6: Attach the SHPURLINSs and SHSTRAPs. Refer to Sheets 28-29.
TIN FASTENING PROCEDURES

This is the leading edge that you want to start with when installing your roof panels. Align this edge flush with the side of the shelter and begin securing it with the fasteners provided.

Self-Tapping LAP Screw
20" O.C. at sidelap
Part # FB14-14x7/8LAP

Note: Correct fastener installation is a critical step when installing roof tin panels. Screw the fastener in until it is tight and the washer is firmly seated. DO NOT over tighten fasteners. A slight extrusion of neoprene around the washer is a good visual tightness (max) check.

Self-Drilling TEK Screw
Part # FB12-14x3/4TEK

1/2 Min. Distance from head of Screw and Tin Ridge Angle

Detail R

Ranch Equipment
Dashed lines indicate area that you must cut to fit.
Step 20: Shelter Bay Side (Right Side): Install the 120" sheets of Tin (4 Per Bay) by starting the leading edge flush with the front corner of the stable. Continue laying the tin sheets with 1 corrugated overlap until the entire right side of the stable is covered.

Step 21: Now install the BirdStop using LAP screws. Make sure the holes are centered on tin humps and that the long flat area indicated above in Detail is flush with top of CPurlin.

Step 22: If installing Leanto, go to Step 30 and complete, then come back to this Step and finish out. Shelter Bay Roof (Left Side): Install the 150" sheets of tin (4 Per Bay) with TEK and LAP screws provided. The tin will fit onto the BirdStop profile, but make sure tin is straight all the way up. Continue laying the Tin with one corrugated overlap until the entire roof is covered.

Step 23: Install Trim/Flashing on top of Shelter Bay Roof and behind the RCA wall tin.

NOTE: If installing Leanto, wall tin will have to be cut to fit around LTTRUSS!
**Step 24:** 35 1/2" Tin: Install the 35 1/2" sheets of Tin (4 Per Bay) by starting the leading edge flush with the front corner of the stable. Continue laying the tin sheets with 1 corrugated overlap until the entire short wall of the stable is covered.

**Step 25:** Now install the BirdStop using LAP screws. Make sure the holes are centered on tin humps and that the long flat area as indicated on previous sheet is flush with CPurlin.

**Step 26:** 4:12 Pitch Roof: Install the 108" sheets of tin (4 Per Bay) with TEK and LAP screws provided. The tin will fit onto the BirdStop profile, but make sure tin is straight all the way up. Continue laying the Tin with one corrugated overlap until the entire roof is covered. You should have about a 12" overhang as indicated above.

**NOTE:** For proper Tin fastening procedures please refer to page 42.
Step 27: Repeat Steps: 20-26 for other side of barn.

NOTE: For proper Tin fastening procedures please refer to page 42.
NOTE: For proper Tin fastening procedures please refer to page 42.

Step 26: Cut the trim on each end 23" X 3/4" to allow wall tin to slide in behind.

Install Trim/Door Track Cover flush to the Center Brace with TEK Screws. Repeat this step on the back side of the Stable.
**LEANTO TINNING**

**Step 27:** Start by tinning the side. First place the 26" tin at far left in place with leading edge lined up with SHLEG. You will need to cut the tin to the right of the LTCBRACE and below the LTBRACE to make it look as shown. Continue on by placing the (2) 14" pieces and then the next 26" tin, which will also be cut.

**Step 28:** Next to tin the front. Start with a 26" piece with leading edge flush with SHLEG and follow previous step to trimming metal to fit around LTCBRACE. Continue on with the next three sheets. When tinning the front of the Stable shown on the next sheet, you will take the first piece of wall tin and overlap it with the 23" piece shown here by one corrugated hump.

**Step 29:** Now to tin the rear of Leanto. Since tinning should be done left to right, skip over to the next sheet and tin the rear of the Stable first. By doing so, you can overlap the 23" piece on the rear side of Leanto with the last sheet of Wall Tin and then finish out.

**Step 30:** Now to tin the roof of Leanto. Place the 180" tin in place with top edge flush with beginning of LTTRUSS. and again, you will tin from left to right. Now skip back to Sheet 44 to place roof tin over the Leanto roof tin.

**NOTE:** ALWAYS TIN LEFT TO RIGHT.
NOTE: For proper Tin fastening procedures please refer to page 42.

**Step 27:** Attach RCA front Tin on the front of the Stable with TEK and LAP screws. Install the first 8 sheets and then stop. Left of the door frame, install (See Sh 9 for Titles); (9) the 123" piece, this will have to be cut back even with firout, (10) the ASHEET58L piece, (11) the ASHEET70L piece, (12) The ASHEET82 piece, (13) the ASHEET70R piece, (14) the ASHEET58R piece, (15), another 123" piece, also which will be ripped to be flush with firout. Continue on with the 130" piece and finish with the 121" piece.

**Step 28:** Repeat Step 27 and refer to picture above to complete rear of stable.
Step 29: (1) Attach the narrow 118" (width 25 1/2") Tin flush to the left side of the frame, then (2) the standard 118" Tin (width 36") with TEK and LAP screws provided.

Step 30: Repeat Step 29 on the right Stall Door Frame.

Step 31a: Now to install the X's on the doors. Start with Side Straps, labeled "(1)", and attach using 3 rivets to the STDOOR frame, with top flush with top of STDOOR, the indicated surface against the frame, and back side against the tin. Repeat for other part labeled "(1)".

Step 31b: Now attach Bottom Strap, labeled "(2)", to the Side Straps using TEK screws.

Step 31c: Then attach each Diagonal Strap, labeled "(3)", to the Side Straps using TEK screws. Finish up with Top Strap, labeled "(4)"", attaching it just like Bottom Strap.

Step 32: Repeat Steps 29 and 30 for the Stall Doors on the back of the Stable.

NOTE: For proper Tin fastening procedures please refer to page 42.

**Step 33:** Install Door Rollers provided onto the Door Frame sets (2) with shipped roller hardware intact. Install (2) Door Stop/Support Brackets provided with 3/8" x 1" Flow Bolts, per Detail N.

**Step 34:** Hang Door Frame Set (2) side-by-side by the rollers in door tracks on both ends of the Stable.
**Step 35a:** Install C-Purlin above the Tack Frame and under the Z-Purlin. Secure and tighten with 3/8" x 1" Flow Bolts.

**Step 35c:** Start with securing (1) sheet of 130" tin starting at indicated point. Now place another sheet as you would attach it but do not screw it yet. Mark the door frame opening, not the Tack Room Front opening, and cut the tin as to leave the metal going around door. Repeat for next sheet and then finish up with a full 130" sheet.

**Step 35b:** Install Tack and/or Entry Door, with supplied Hardware.

**Step 35d:** Use Step 35c for directions on cutting opening for tin. Tin used for this section will be (1) 120", (1) 123", (1) 126", and (1) 129".

NOTE: For proper Tin fastening procedures please refer to page 42.
Step 36: Trim out the Stable with; (1) Shelter Corner Trim, (2) Shelter Bay Roof Trim, and (3) RCA Corner Trim with LAP screws provided.
**Step 37:** Install the ridge Cap with a 6" overlap, using LAP screws at peak of corrugated ridge. Screw LAP screws; 1" off edge, in 2 ft increments, and on joints of ridge cap overlap (1) spanning the Stable eve.

Thank You for choosing a Priefert™ Product.