

Quick Set-up Guide

for the

BLU-MED™ 20'x40' Shelter System

Auxiliary Guide Only. For complete operation and maintenance instructions, including all CAUTIONS and WARNINGS, please refer to the COMMERCIAL MANUAL.

Disaster Medical Facilities... When & Where Needed.™

The majority of the
MMSM is located at
Watsonville
Community Hospital.
831-763-6400

The contact person is
Matko Vranjes (cell
408-472-4734) in the
Facilities Department.



The MMSM is located within the blue warehouse in the back parking lot. Access is on the ED side of the hospital.





MMSM
containers in
the
warehouse.

1

Set Up & Preparation

1. Select a site that is level and free of debris (35'x55').
2. Unpack the shelter from the container.
3. Group base and frame components along site.
4. Group unfolded fabric- set aside.

Refer to the commercial manuals for HVAC, lighting and electrical information.



Tent Site and Delivery Location



Installation Proximity to Containers

Container Unpacking

Vinyl fabrics include floor, insulation and tent covers





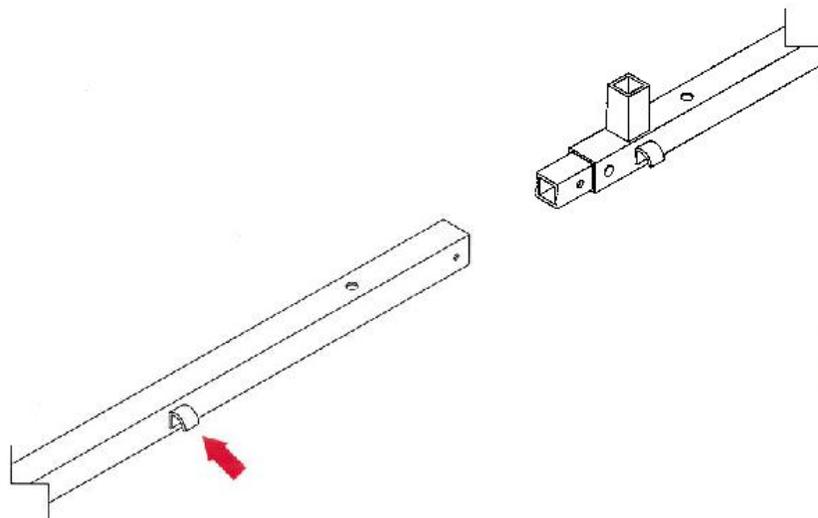
Lay Out Pieces From Container

Note: Tent Base In Progress In Background

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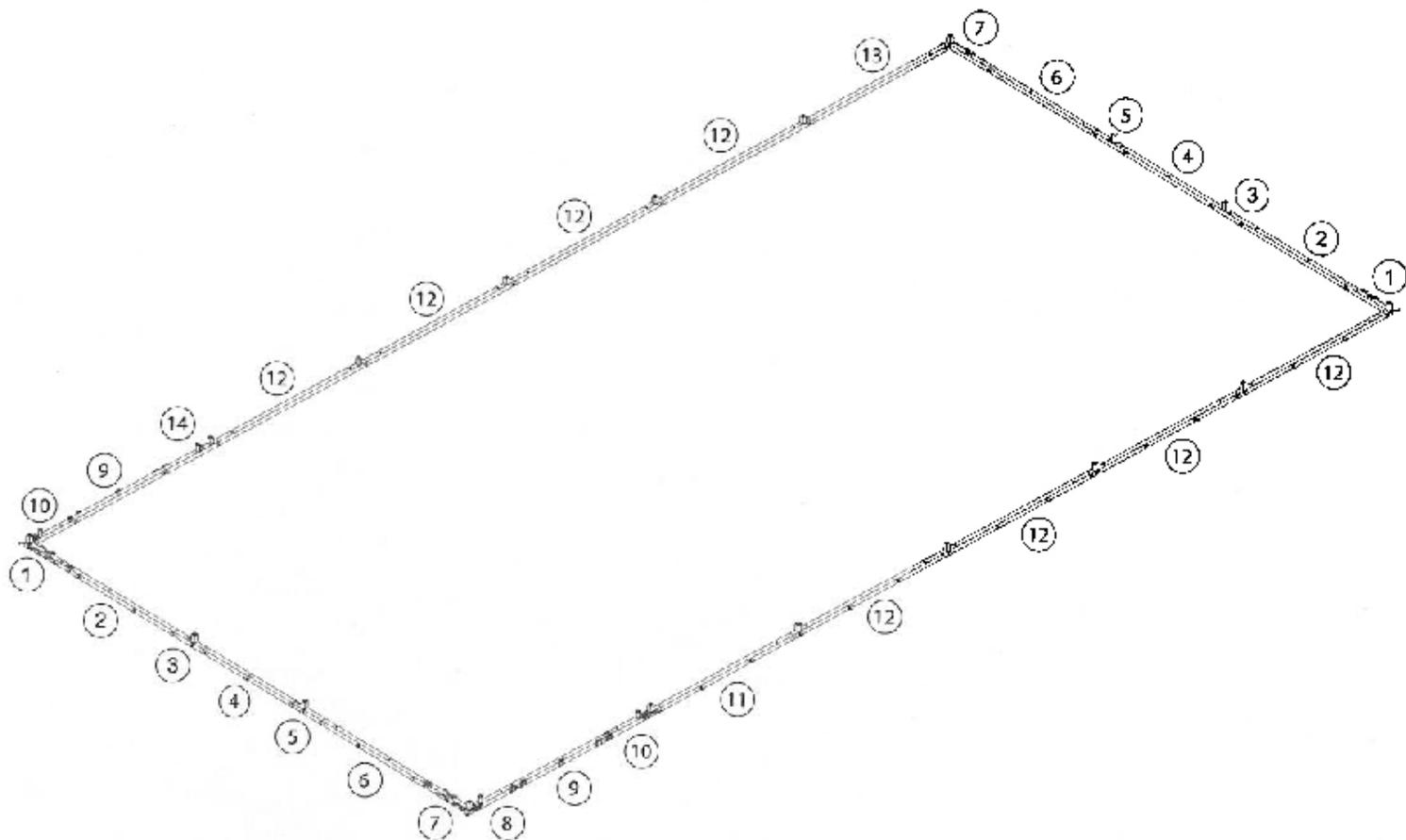
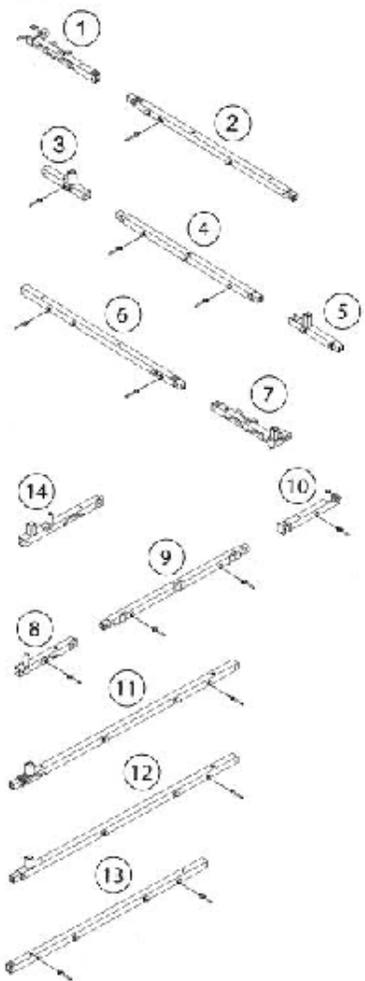
Base Assembly & Layout

1. Assemble base sections according to sequence (*hooks on outside facing down*).



CAUTION

Ensure that all base hooks are on the outside of base assembly frame. Damage to equipment may result if CAUTION is not observed.



TENT FRAME BASE

Set up in large rectangle.

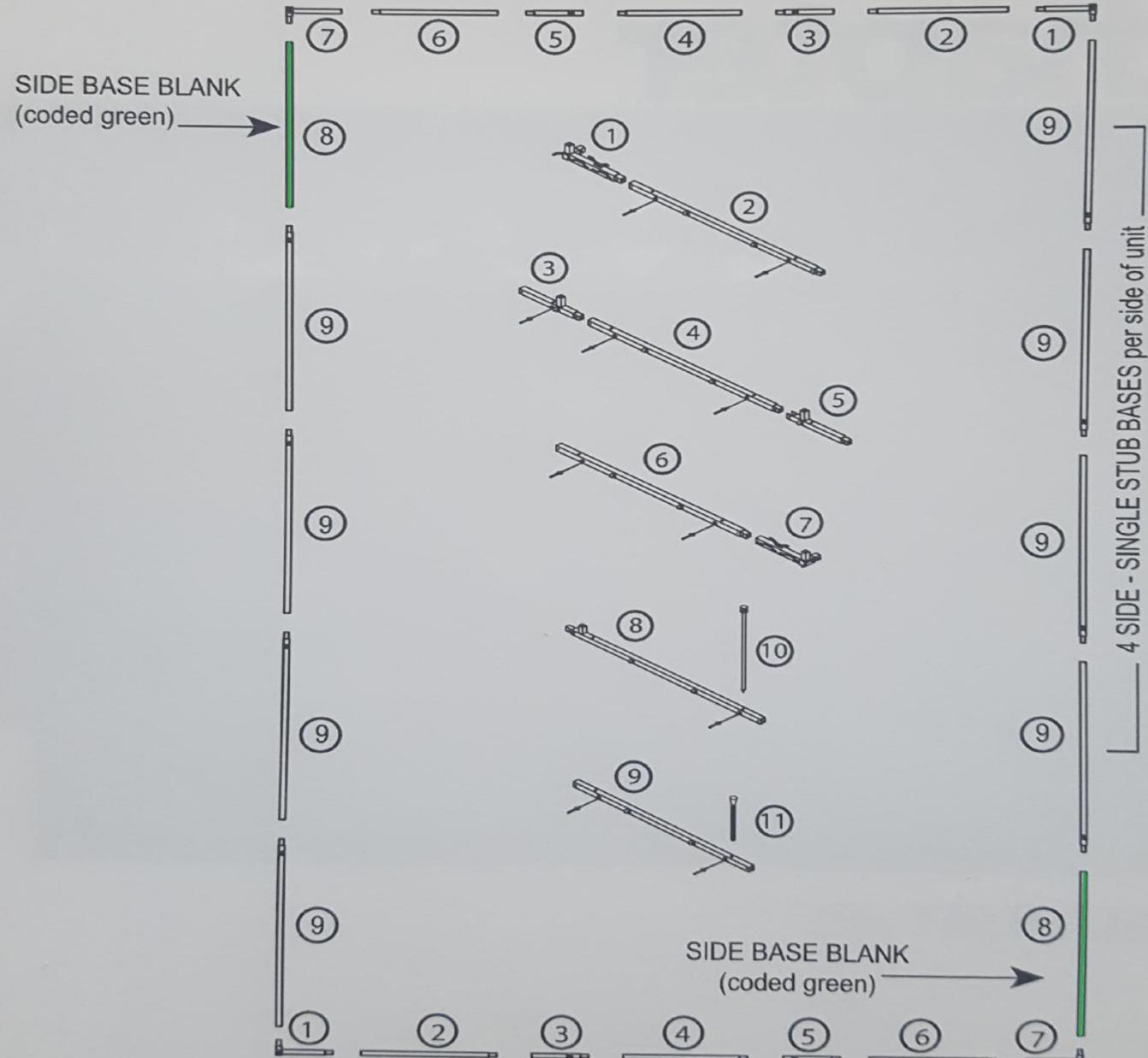
Short sides are door entries

Note:

Floor frame pieces have hooks that should be faced out and down

Green side

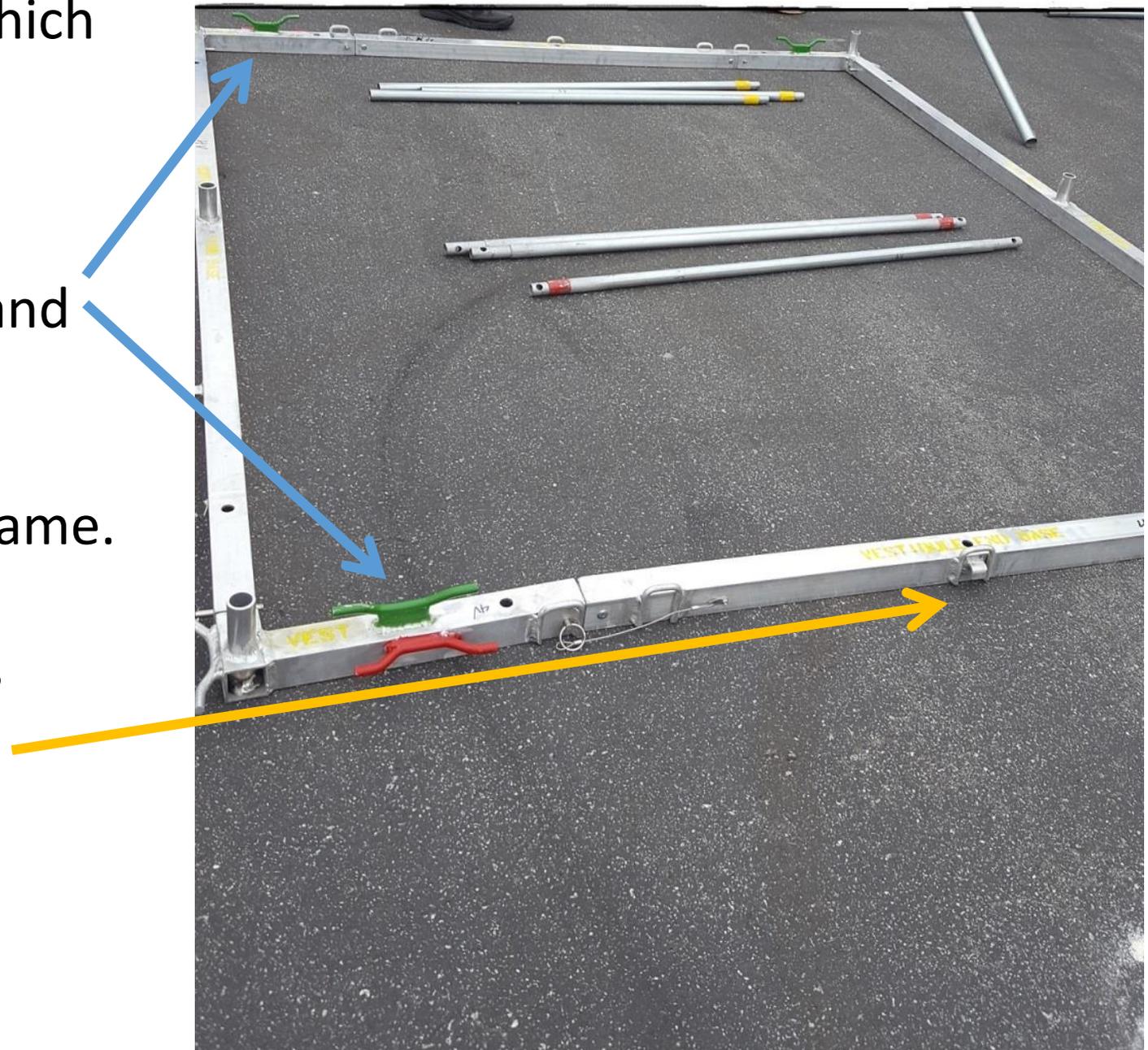
base pieces are installed at opposite corners for the tent



Note: This is the vestibule frame, which is substantially smaller.

Cleat—used to tie down insulation and tent cover

Hooks—face down and outside the frame.
When you install the cover you will secure base rope under these hooks

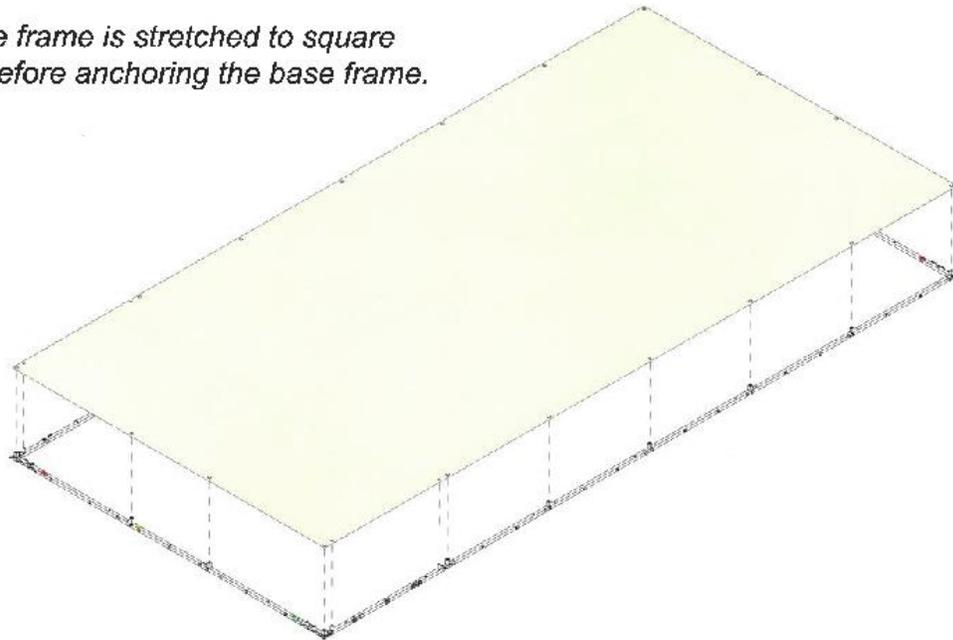


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Floor Installation

1. Unfold Floor- BLACK side down.
2. Begin with four corners- slip floor cutouts over stubs.

NOTE: *Ensure that the base frame is stretched to square the frame and floor before anchoring the base frame.*



Base Frame Set Up

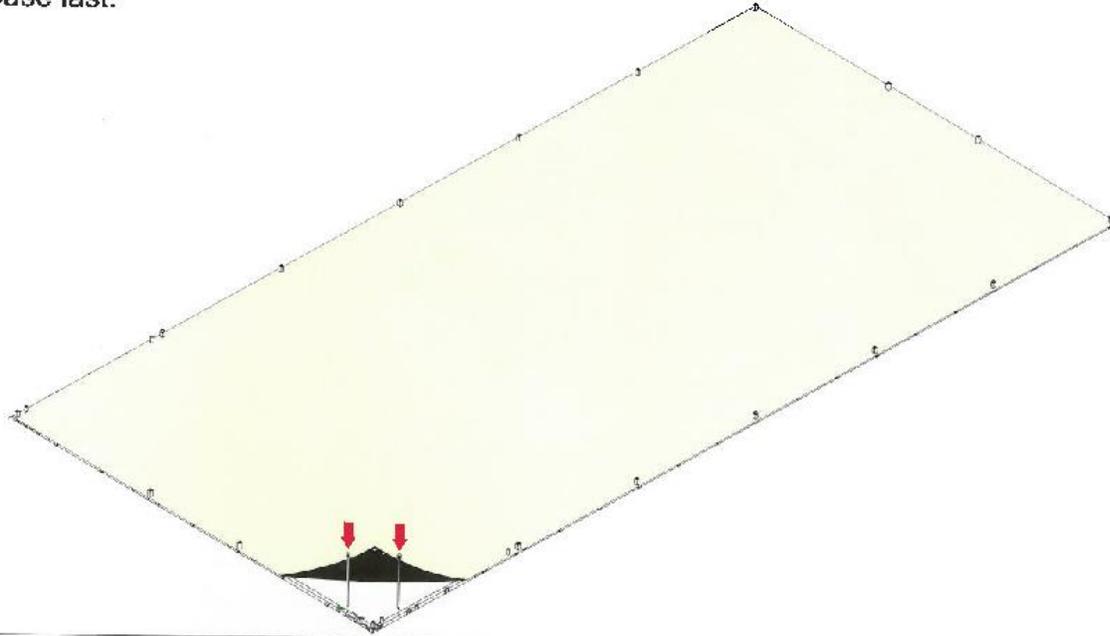
Floor is set aside until
base is completed



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Base Anchoring

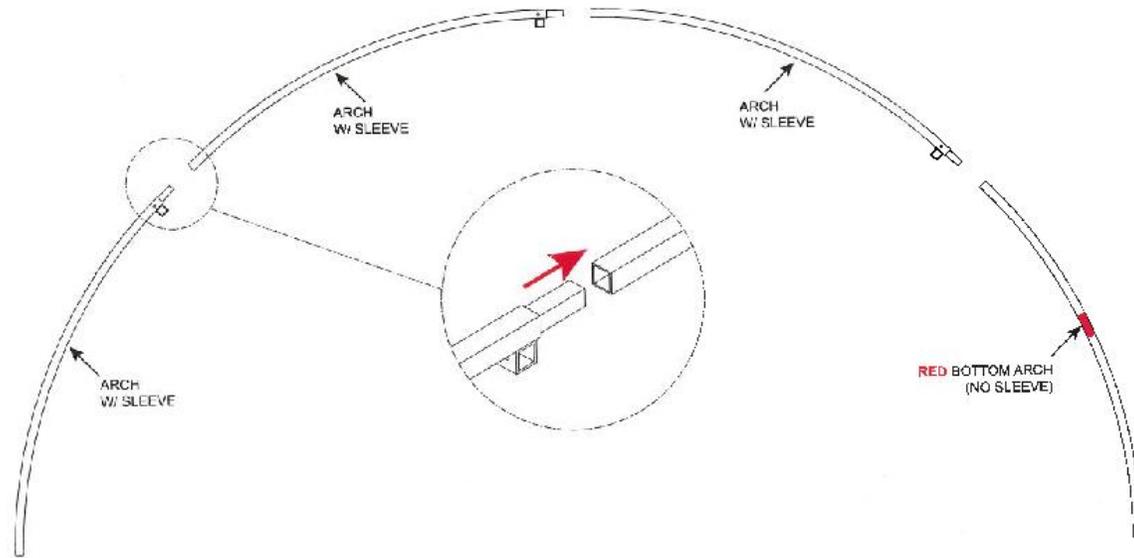
1. Lift floor corners from base.
2. Using sledgehammer, drive 18" double-headed spikes through pre-drilled holes (corners first).
3. Spike side and ends of base last.



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Arch Assembly

1. Assemble arches on ground by connecting three arch sections (with purlin sleeves) to **RED** bottom arch.



Two people hold and carry each arch;

Two people on ladders connect purlin to other arch.

Note: start with Red purlins.
Use helmets and gloves



ARCH INSTALLATION

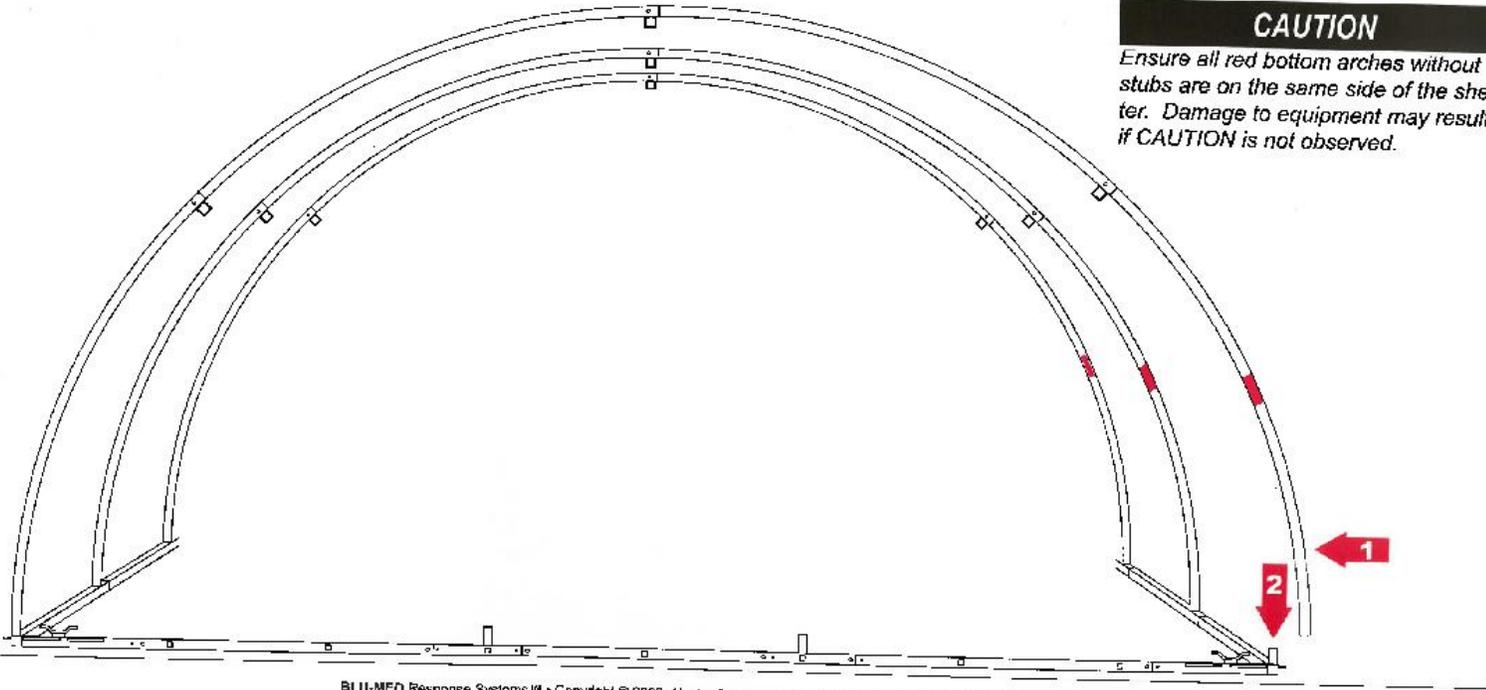
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Arch Installation

1. Lift completed arch and slip **completely** onto base stubs.
(Take care not to pinch floor.)

CAUTION

Ensure all red bottom arches without stubs are on the same side of the shelter. Damage to equipment may result if CAUTION is not observed.



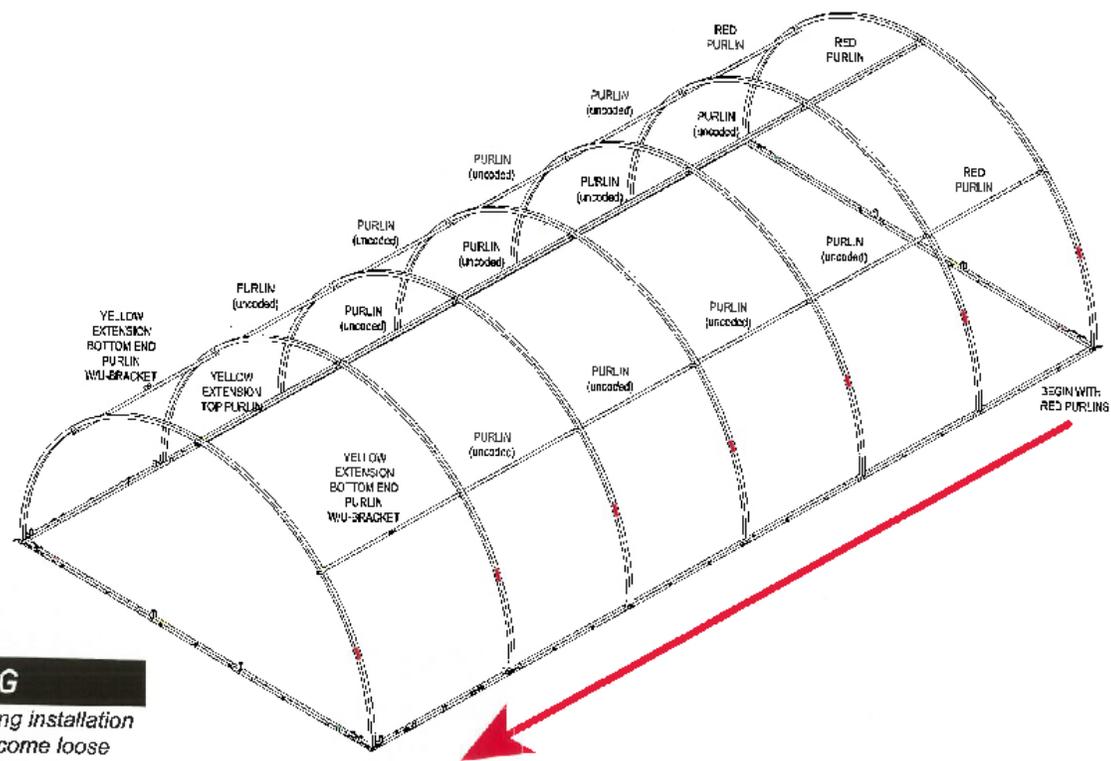
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Purlin Installation

1. Start with **RED**-coded purlins at the shelter end opposite the extension end.
2. Install each bay of (3) purlins simultaneously.
3. Repeat for middle bays using uncoded purlins.
4. Finish last bay with **YELLOW**-coded extension end purlins.

NOTE: *Ensure that the center sleeves on the extension bottom purlins face up and out.*

Purlins are the metal frame bars that are along the top and side of tent



WARNING

Secure lanyard pins during installation to ensure purlins do not come loose during assembly. Injury to personnel or damage to equipment may result if WARNING is not observed.



ARCHES AND PURLINS CONTINUE TO BE INSTALLED





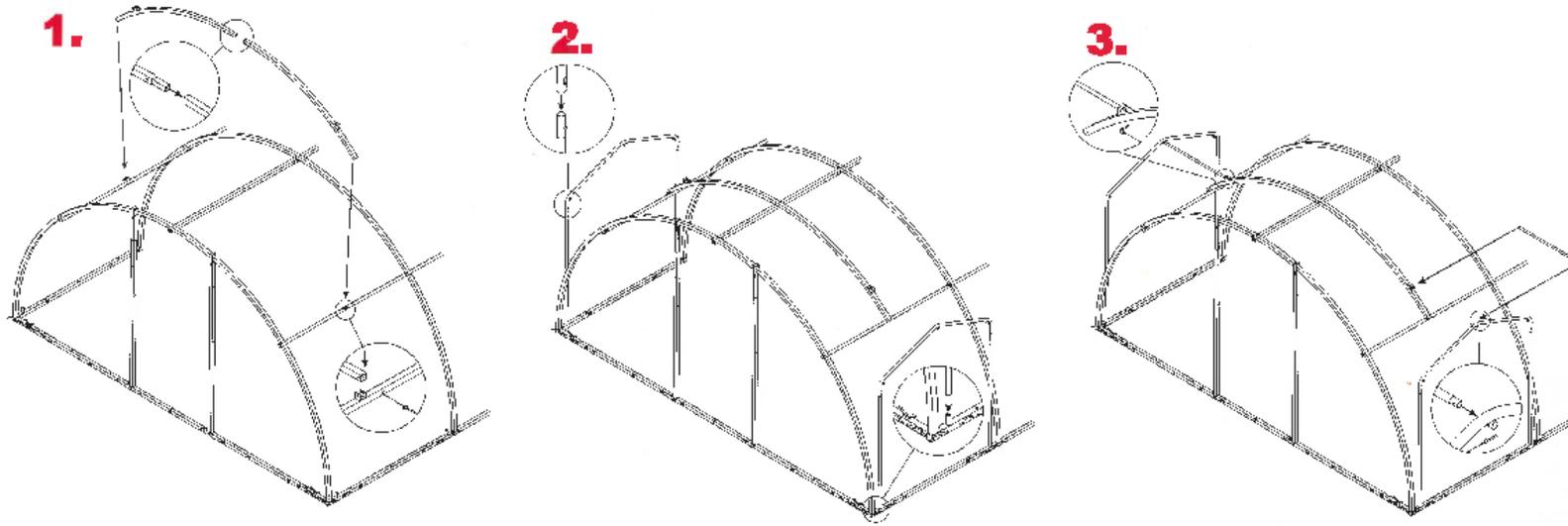
ARCH and PURLIN COMPLETION

Note: Last Purlin is yellow

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Extension End Frame Installation

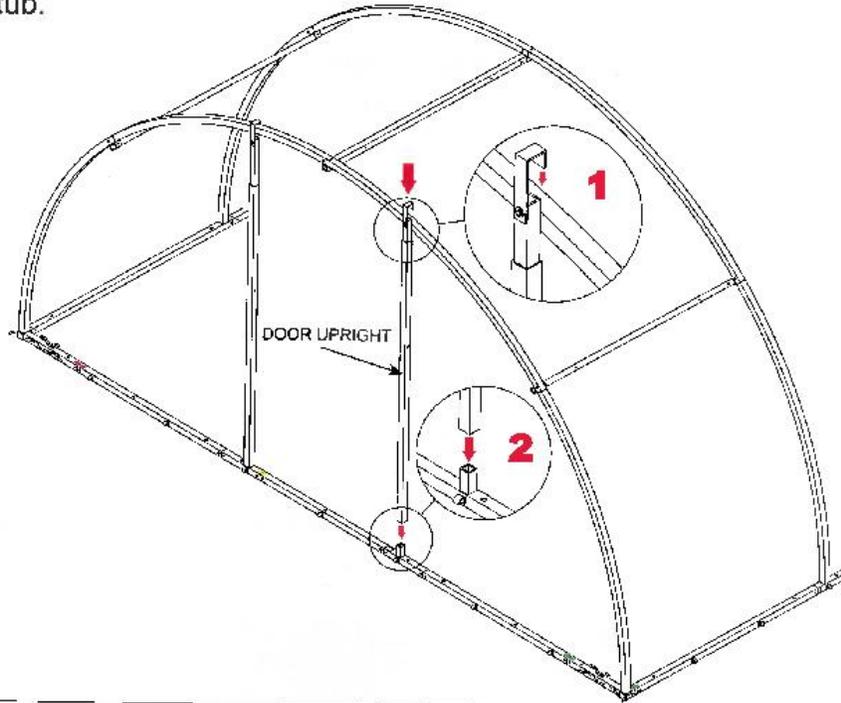
1. Assemble the two extension mid arches over the extension top purlin.
2. Assemble and install vestibule arches over round base stubs.
3. Install extension boot header between vestibule top arch and extension mid arch.



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Upright Installation

1. Slip upright insert into upright and hook over end arch (bolt head faces toward outside of shelter).
2. Slip upright onto base stub.



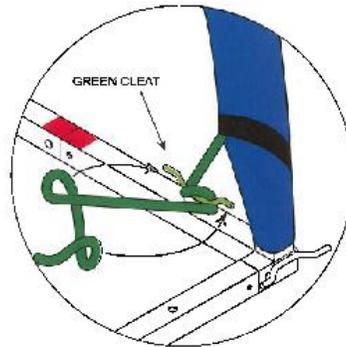
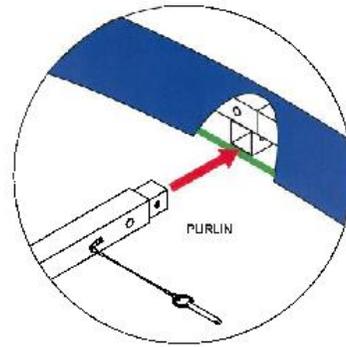


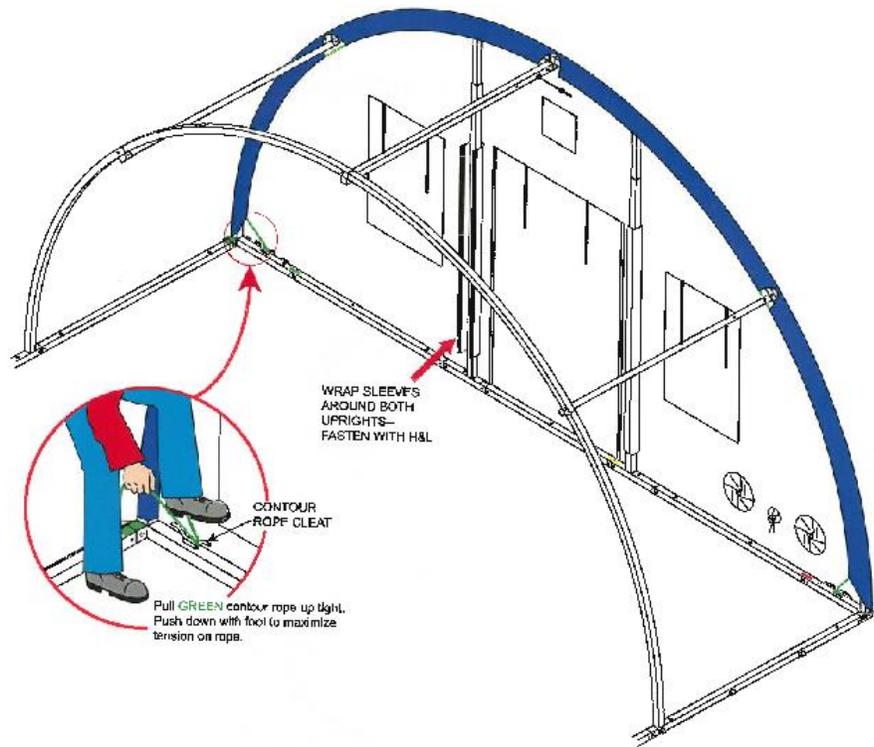
Insulation Cover On Tent and Door Uprights

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End Panel Installation

1. Lay out end panel next to shelter base.
2. Tie **YELLOW** base rope to **YELLOW** cleats.
3. Pull end panel over and around arch (*white side facing in*).
4. Reconnect purlin with **GREEN** contour rope beneath.
5. Tension end panel- pull on contour rope at all openings in unison while tensioning at **GREEN** cleats- tie off.
6. With hook tool, lever base rope under base hooks.
7. Connect floor to end panel with H&L fasteners.





End Cap Installation



End Cap Installation

Note: Folding material over arch to create a weather seal



End Cap Rope At Top of Panel:

1. Goes OVER the Arch
2. Unpin Purlin, slip rope in, and then re-pin.

2

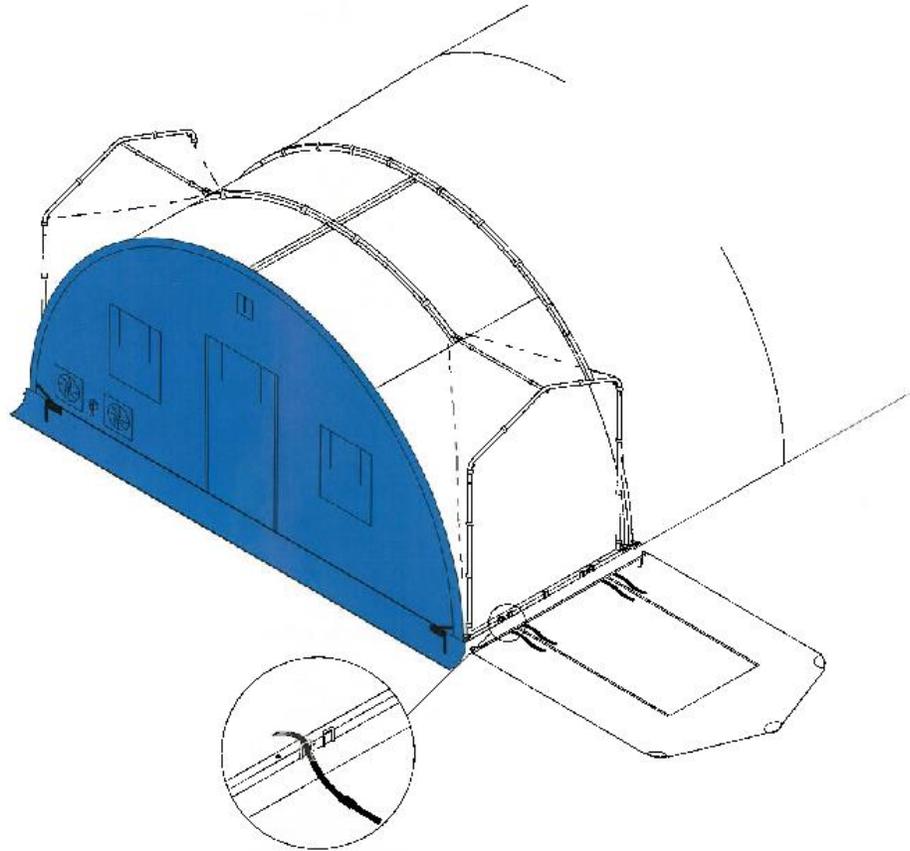
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End Cap Installation From Inside

11 Vestibule End Panel Installation

1. Lay out end panel next to shelter base.
2. Attach vestibule base straps to the SILVER tabs on the vestibule end base.
3. Pull end panel over and around vestibule arch (*white side facing in*).
4. Reconnect purlin with GREEN contour rope beneath.
5. Tension end panel- pull on contour rope at all openings in unison while tensioning at GREEN cleats- tie off.
6. With hook tool, lever base rope under base hooks.

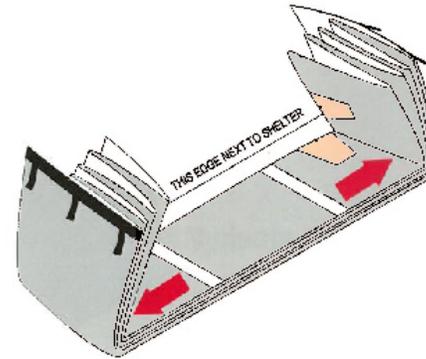




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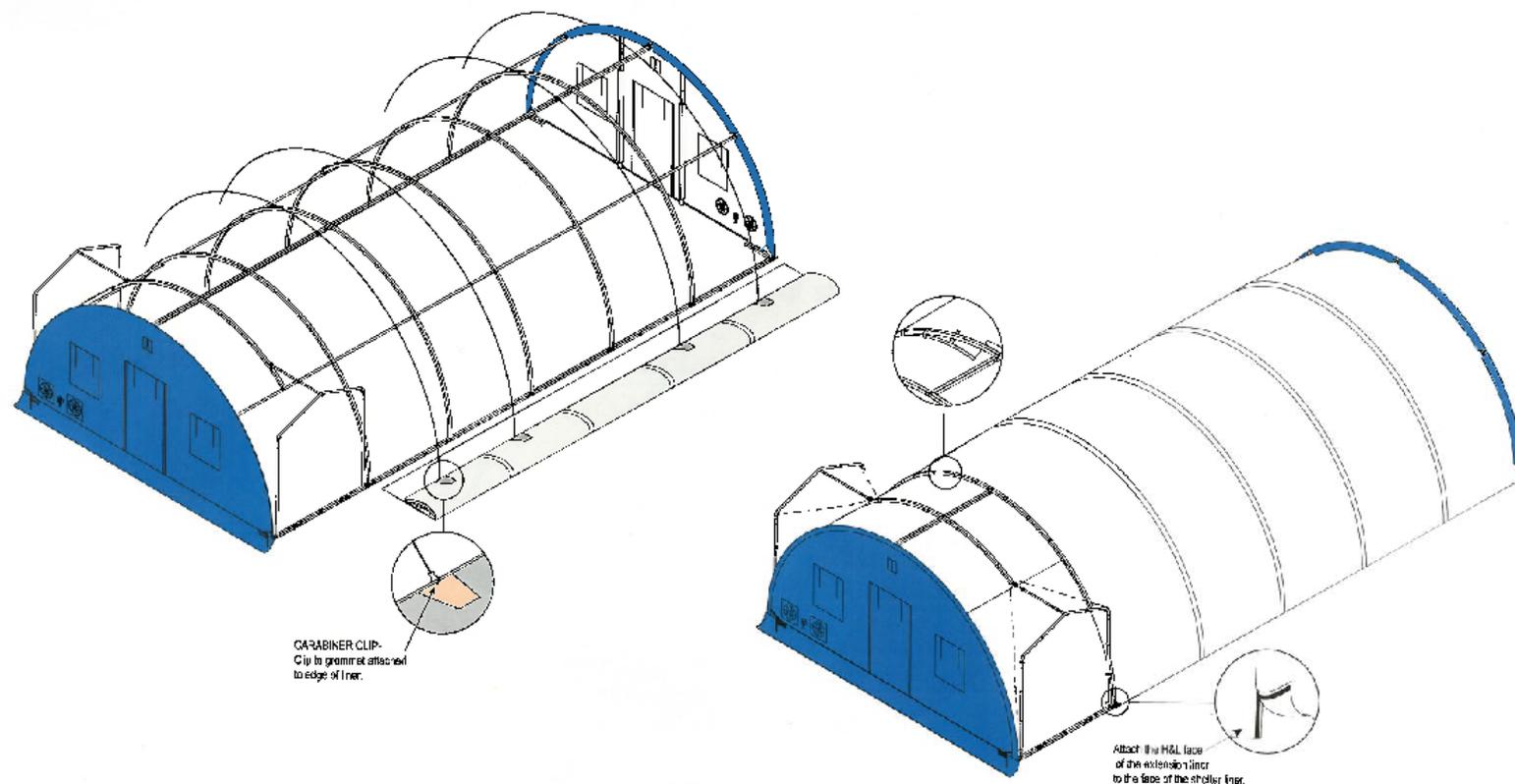
One-Piece Liner Installation

1. Unfold liner along length of shelter, align liner edge flush with edge of shelter base frame.
2. To pull liner over frame:
 - throw WHITE ropes over frame
 - attach WHITE ropes to web loops
 - pull ropes evenly to position liner
3. Attach end of liner to end arch and sixth arch using H&L straps.
4. Wrap the liner arch sleeves around the shelter arches.
5. Pull the extension one-piece liner over the special extension end frame.
6. Attach edge of liner to end arch using H&L straps.
7. Attach H&L face on extension one-piece liner to H&L face of shelter one-piece liner.





Throw Rope For Tent Cover



Side A: Toss Guy Rope over tent frame

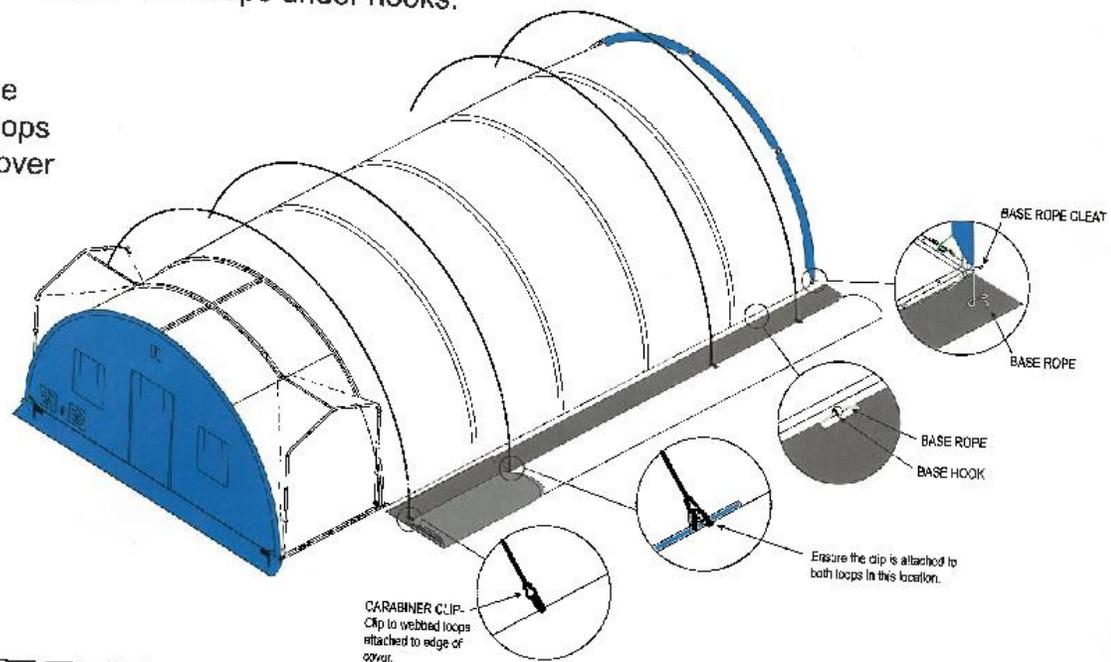
Side B: Attach carabiner from Guy rope to Cover Grommets. Position person on either side of cover to help unfold as

Side A: Each guy rope is pulled simultaneously to pull cover over frame

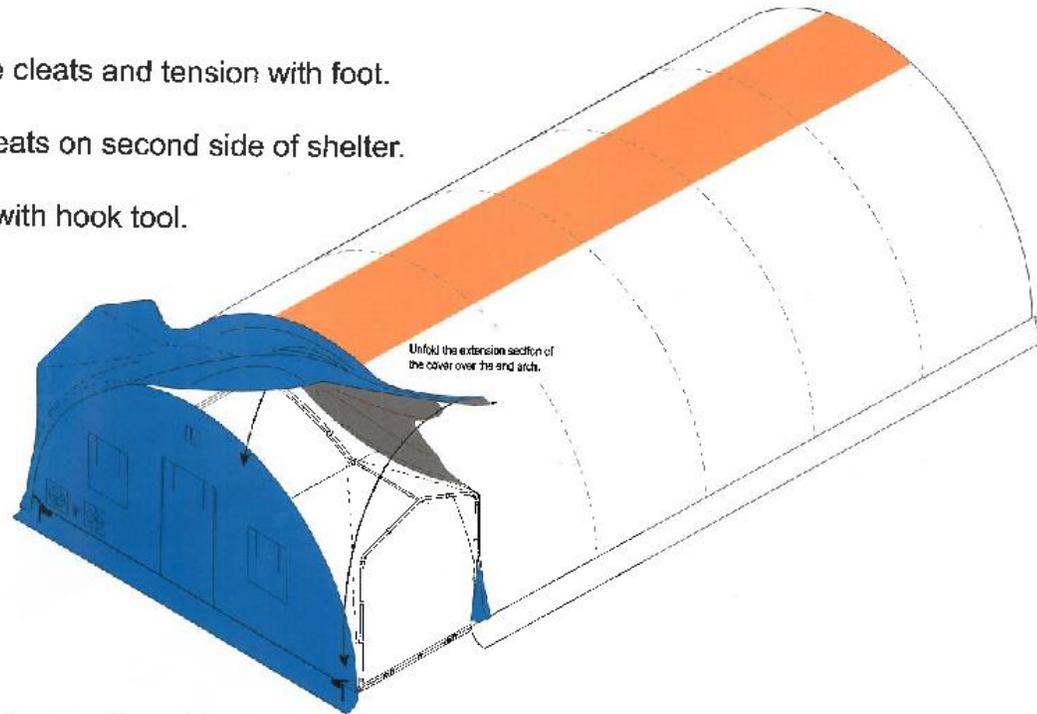
Side A and B: Secure covers by tying rope to cleats.

Cover Installation

1. Unfold cover along length of shelter, ensure that the cover is properly folded prior to pulling the cover over the frame (see Section 14, Folding the Cover).
2. Tie SILVER ropes to SILVER base cleats- base rope under hooks.
3. To pull cover over frame:
 - throw WHITE ropes over frame
 - attach WHITE ropes to web loops
 - pull ropes evenly to position cover



4. Unfold the extension section of the cover over the end arch
5. Stretch cover over end arches 5".
6. Tie RED contour ropes to RED base cleats and tension with foot.
7. Tie SILVER base rope to SILVER cleats on second side of shelter.
8. Lever base rope under base hooks with hook tool.

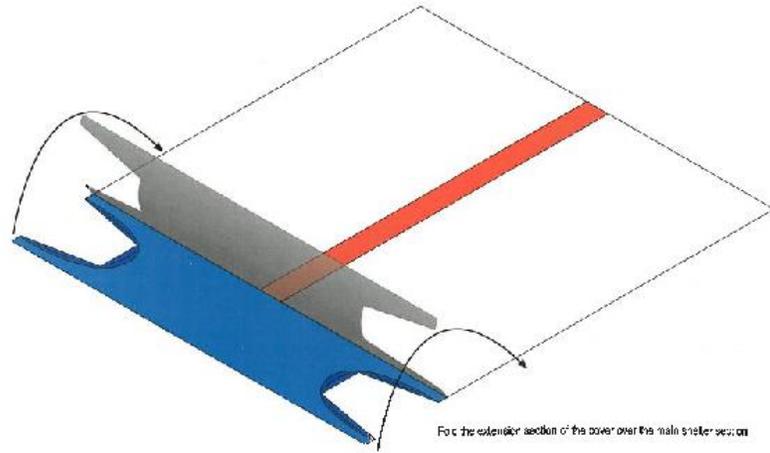


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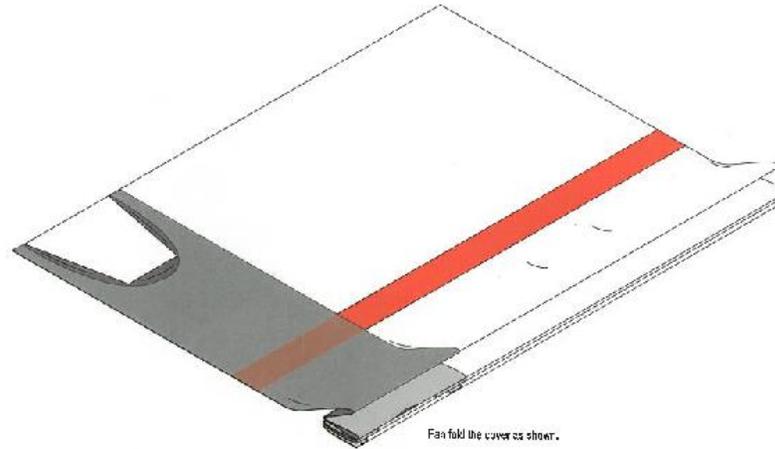
Folding the Cover

1. Lay the cover flat, with the BLACK side facing down.
2. Fold the extension section of the cover (BLUE) over the main shelter section of the cover (WHITE/ORANGE).
3. Fold the cover over itself lengthwise as shown.

1.



2.



End Cap Installation From Inside







Lights are installed
along side purlins



View of inside tent:
Lights,
Registration Desk,
Cot



