VRE SYSTEMS

Sidewalk Cover

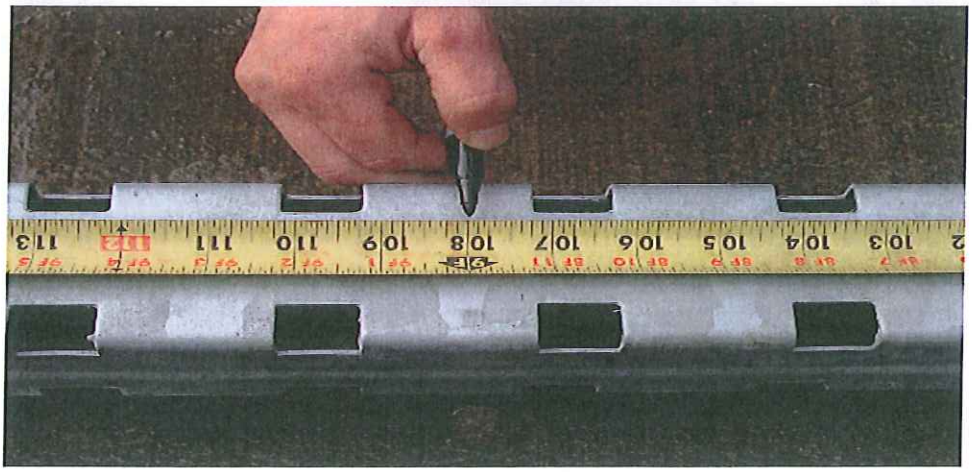
Instruction booklet

REVISED JAN 2009
Side walk cover
1-800-499-8673

VRE SYSTEMS

Layout the tall posts with the foot plate against the building.

Step 1



Measure up from the bottom of the tall post and make a mark using you shortest post as your guide (**Note**:the posts that are being used for the front typically they are 108") but yours may be custom. So make sure the **MARK** is the same as the shorter posts, (what you are using for the front of your structure).

(Use your drawing from your order as your guide)

Step 2

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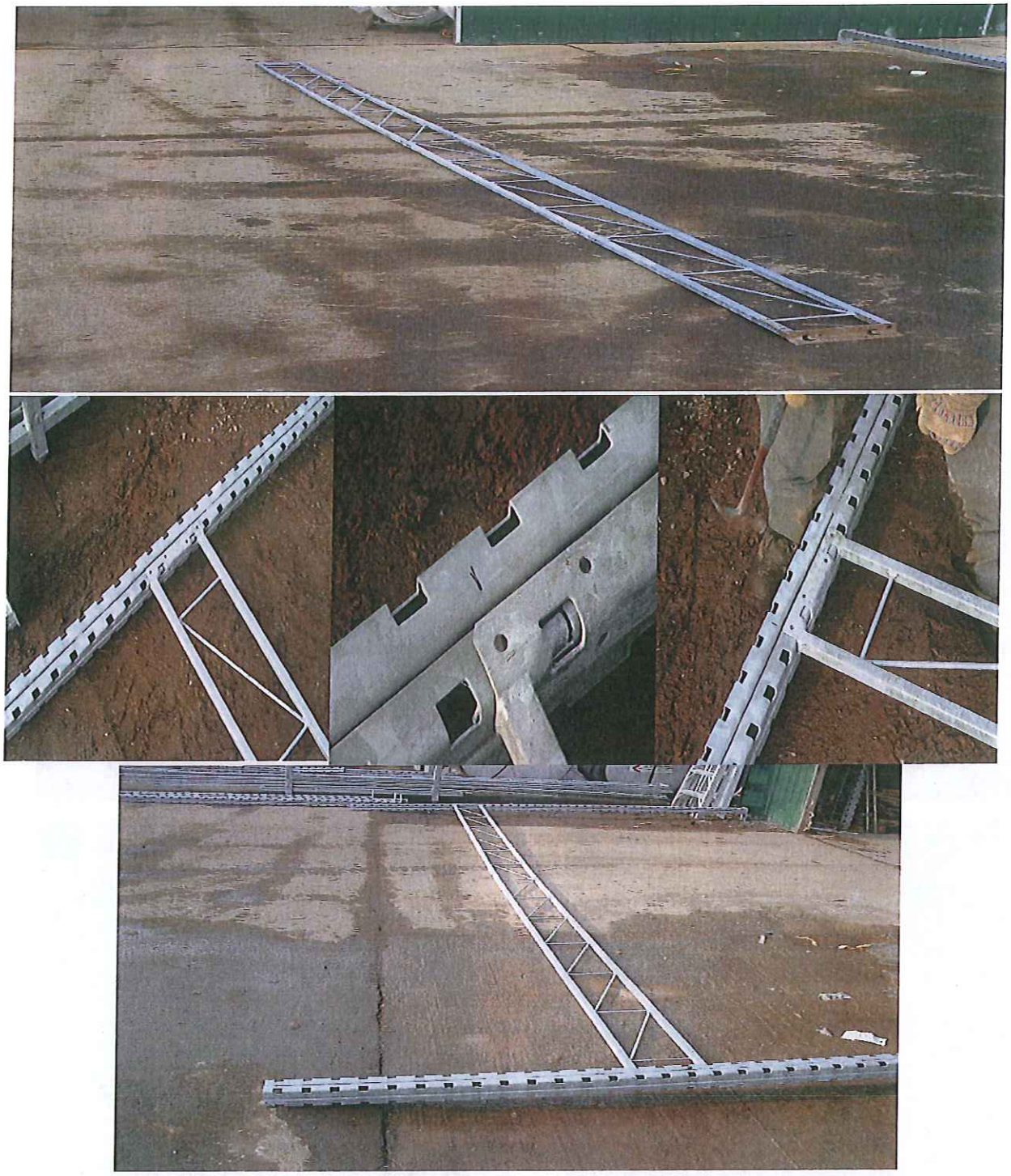

Layout the long truss **without** the extra square tubing welded on the top and attach it to the posts at your mark. Tap the truss into place so that the fingers on the end of the truss get inserted into the post.

Step 3

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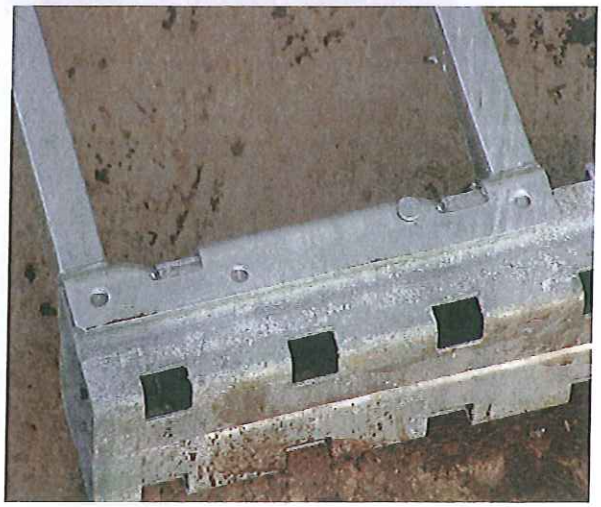
Insert the "J" pin into the slot to prevent the truss from coming out.

Step 4



Layout the short truss and a short post. Attach the truss to the top of the post. Insert "J" pin.

Step 4

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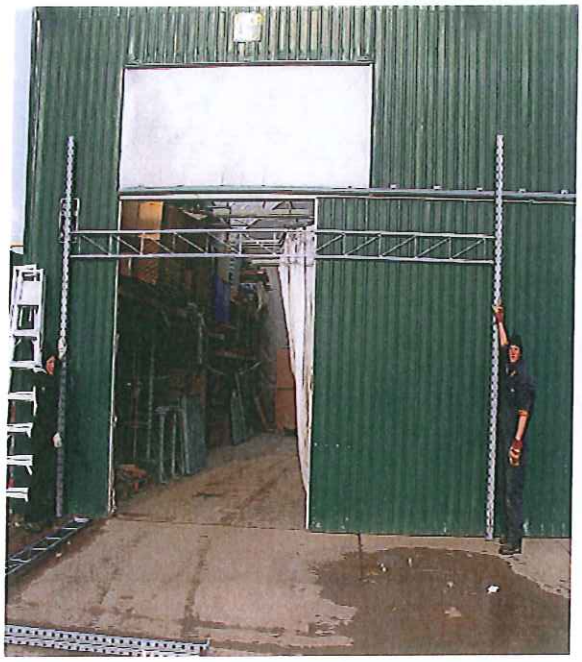

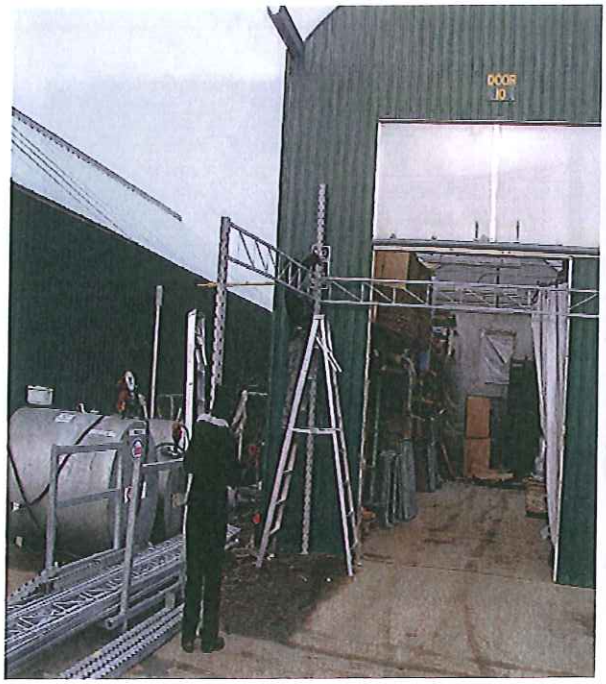

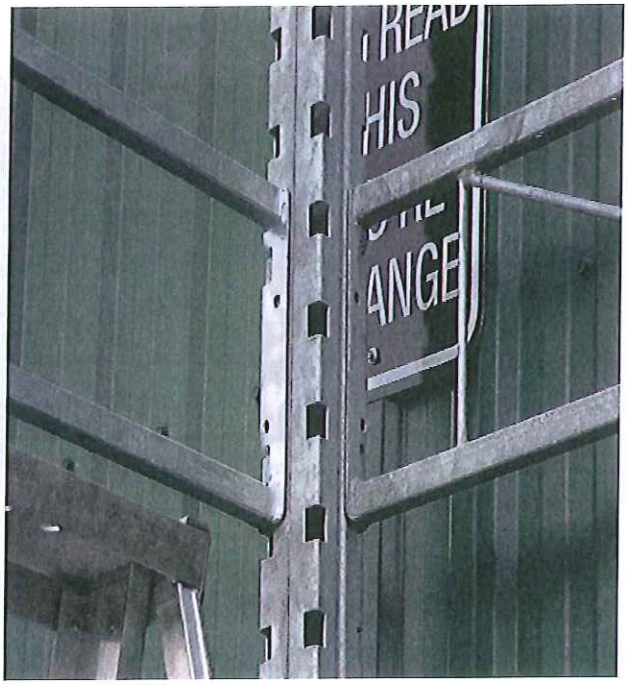

Lift up the short post- now that the truss is attached to it. Put the other end of truss onto the tall post at your mark. Attach - and insert your " J " pin

Step 5

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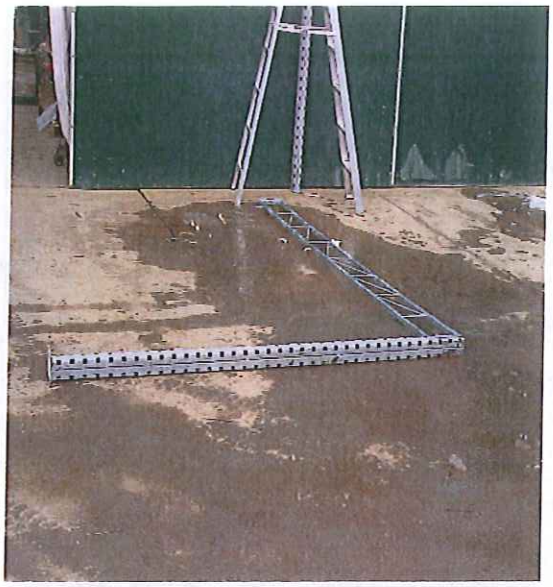

Repeat step 7 on the opposite end you are making a box . Insert "J" pins for security.

Step 6

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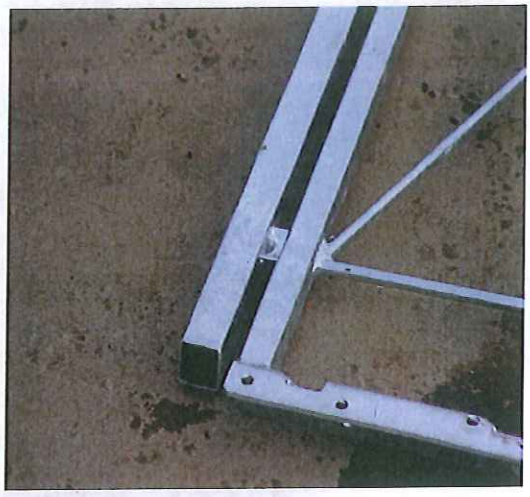

Find the truss with the double square tubing welded on it
and attach it to the front of the short posts, to complete you box.
Insert "J" pin

Step 7

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For more than one section one section skip to page 9

Attach the next regular truss to the tall post at your mark and attach the truss to the existing structure. Insert "J" pin.

Step 8

Repeat steps for the remainder of sections of the structure.
If you have a structure longer than 2 sections , you must double truss every second section Repeat steps 4-7 see page 14

Find the remainder trusses with double square tubing and attach them to the top of the tall posts along the back.
Insert "J" pin.

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Measure from post to the opposite post to make the structure square. Should be the same distance one direction as the other

Step 9

Insert the square tubing extension into the 4 outside corners use a self tapping screw to secure.

Step 10

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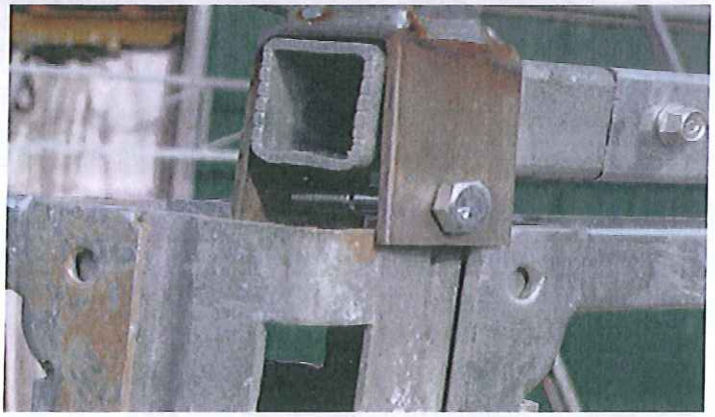

You will notice that there are 2 different types of arches. Using the arch with the higher lift attach the "U" brackets around the square tubing extension at the top and bottom trusses. Insert a bolt and nut and tighten it so that the "U" bracket is sitting flush with the end of the insert. Repeat this step at the other end of the structure.

Step 11

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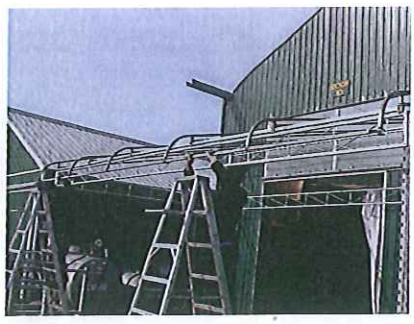
Only for more than one section:

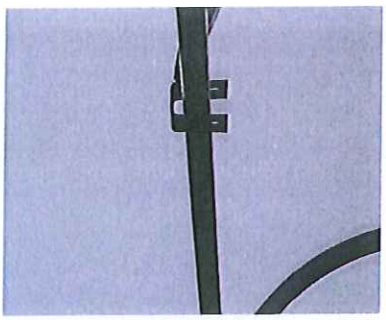
Using the arch with the higher lift, double the arches above the double truss at every second section

Step 12

Count the lower arches and evenly space and divide them between each section. Set and bolt them to the trusses.

Step 13





Take the 1"x1" square tubing and insert it onto the "U" brackets welded onto the end of the arches.

Step 14

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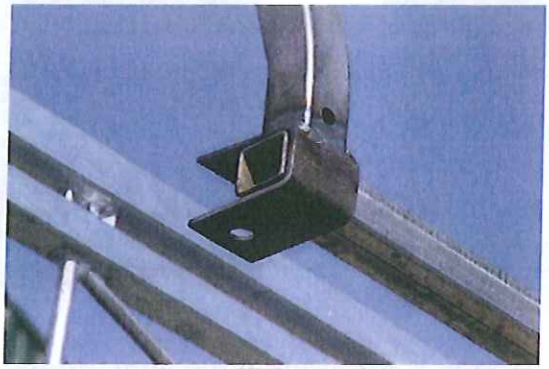
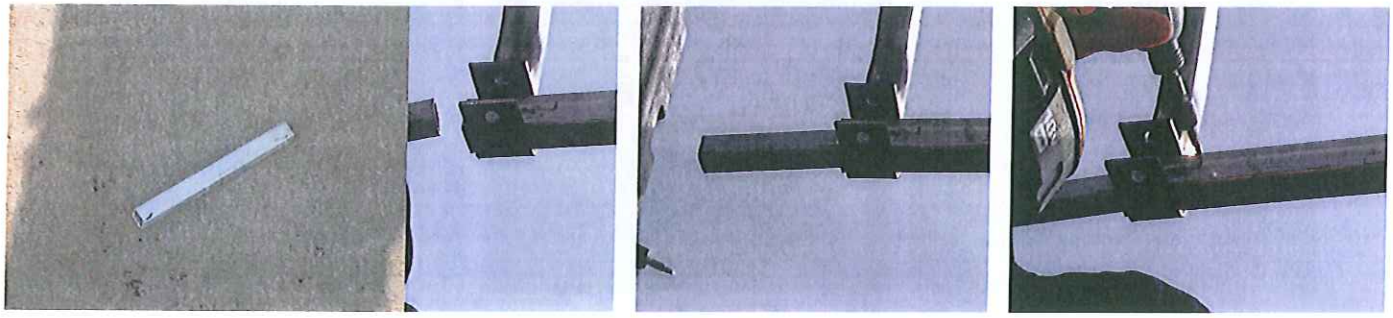


Be sure to have the start of the square tubing flush with the outside of the "U" bracket at the one end of the structure.

Step 15

Insert a bolt and nut into the "U" bracket and tighten them up.

Step 16



To connect another length of square tubing to the last one, insert a ¾" connector into the end of the square tubing. Use a self tapping screw to attach it. Run the square tubing from one end all the way to the other end and cut the end so it is flush with the outside end of the last arch.

Step 17

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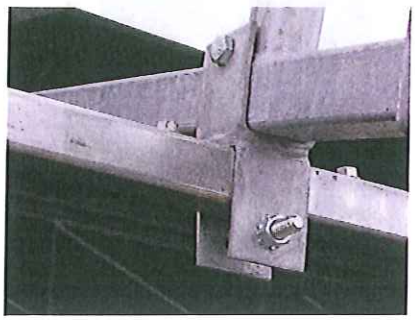
Measure the arch from the upper truss to the inside of the lower truss to find the middle and mark it.

Step 18

Using the double " U " bracket attach the bracket to the arches at your mark and tighten bolt

Step 19



Slide 1" square tubing through the bottom part of the double " U " bracket . With the end of the square tubing flush with the outside of the last arch, tighten up bolts.

Be sure to the square tubing flush with the outside of the double arches at every second section

Step 20

Repeat step 17
from page 12

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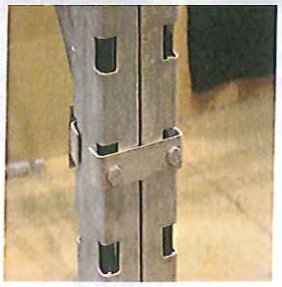
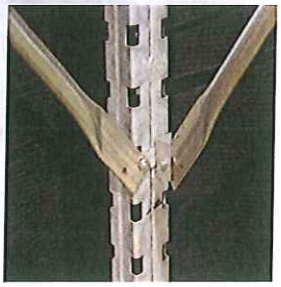
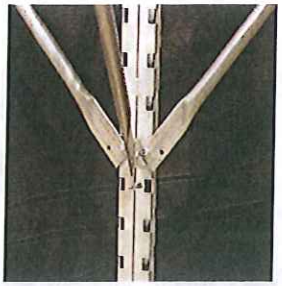
Bracing Parts and Installation







Install two bracings at each corner post. Put bracing against post to figure out the height for the two "U" brackets, and the piece of angle to be bolted to the post with the 4" bolt.

Bolt the bottom of the bracing to the post and use the 1" sq. "U" bolt to attach the top of the bracing to the bottom of the truss. Repeat this at all corners, For multiple structures, you will have to brace all center posts with 3 braces.

Step 21

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Install 2 braces at the back corners from the top of the truss to the post above the truss and 1 at the posts in the middle. Be sure to double up the braces at the double trusses at every second section giving you a total of 4 braces at the back see pictures below

Step 22

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You will notice that there are 2 different sizes of vertical supports Along the back of the structure , install the longer vertical supports from the top of the lower truss to the bottom of the upper truss in the center of each section

Step 23

Insert a nut and a bolt in both ends and tighten

Install the shorter supports from the bottom of the arch to the short truss

Be sure to double up the short vertical supports were there are double trusses, at every second section. Repeat until all braces are on

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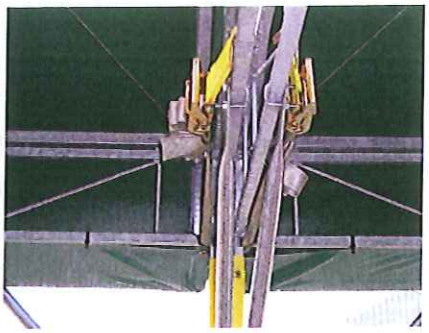
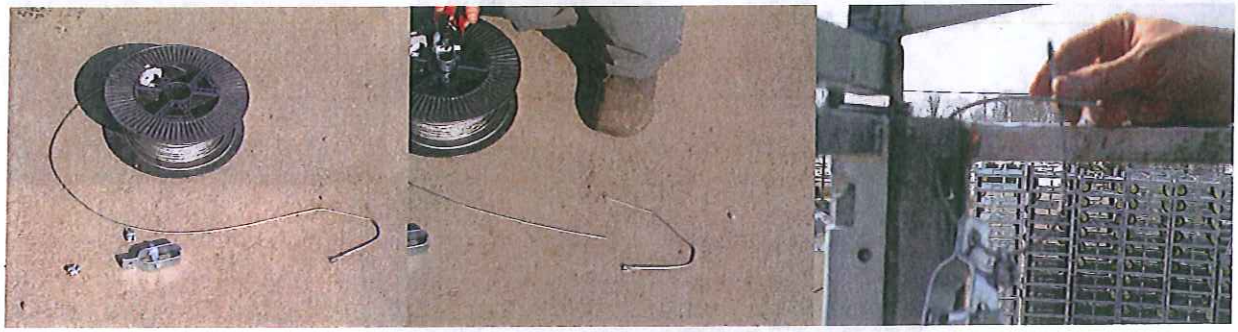
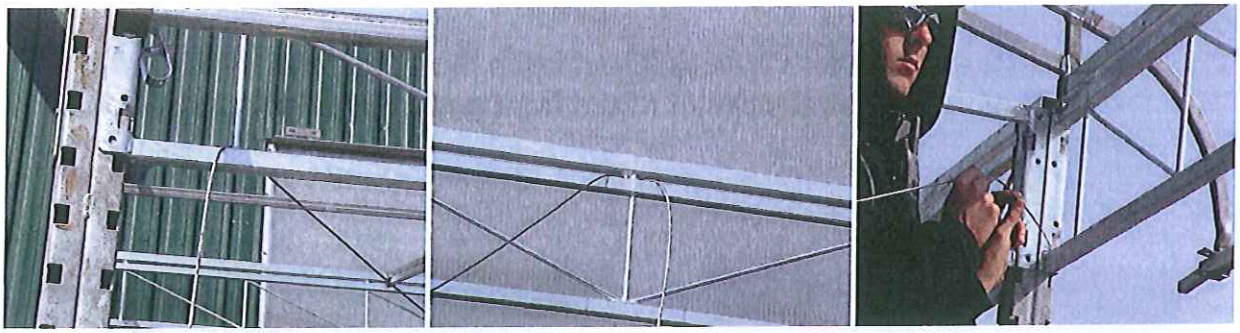


With the cable, tighteners and cable clamps provided, brace the structure.



Cut a small piece and slide a tightener on it and loop it through or around the first front post . Put a cable clamp on to both ends of the cable pull the cable snug and tighten cable clamp with a 5/16 nut driver.

Step 24



Run cable from the tightener up to the center of the top truss and back down to the top of the next front post.

Step 25

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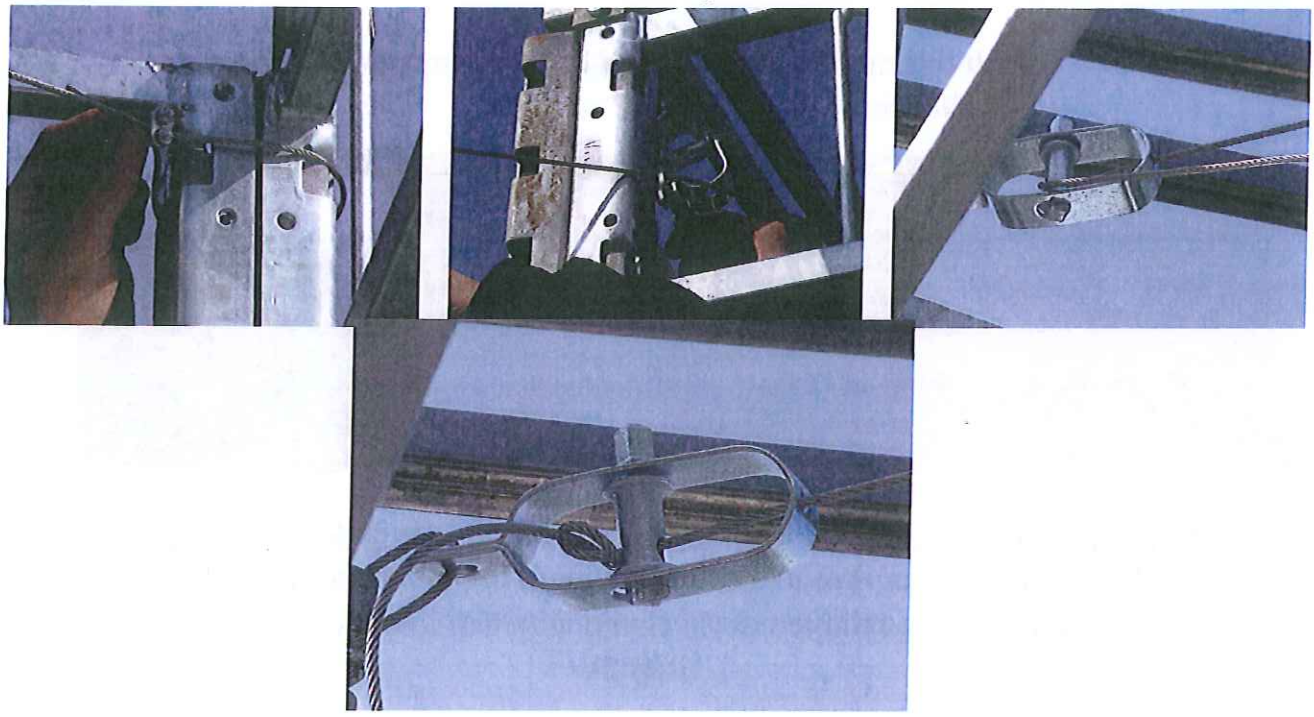
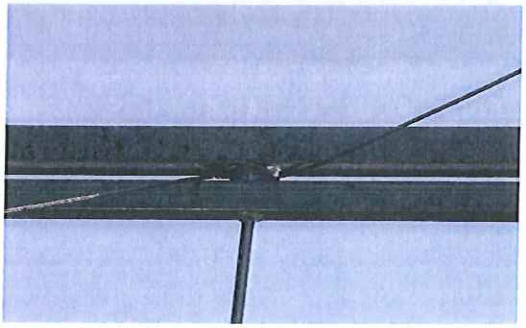
Slide a cable clamp on to the cable. Wrap the cable around the post and back through the cable clamp. Pull the cable snug around the post and tighten up the cable clamp.

Go back to the tightener side and pull the slack out of the cable and cut the cable about a foot longer. Insert the cut end of the cable through the hole in the end of the tightener and then through the center and pull snug. Put a knot in the cable to keep the cable from coming out.

Step 26



Repeat steps 24-26 for the back posts. Loop the cable from the top of the back post through the center of the front post and back to the next back post



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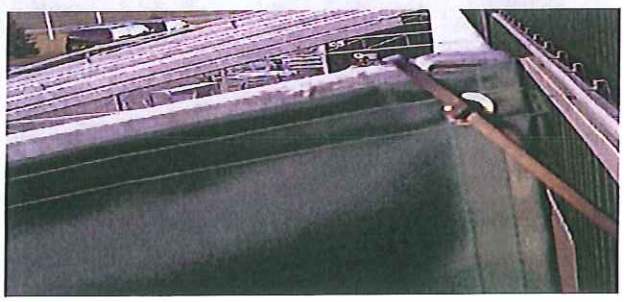
Using a vice grip tighten up the cables making sure that the trusses at the front and back stay straight.

Step 27

Repeat for all sections

Layout the gable fabric. There is a left and a right gable. To determine which is the right one, the sewing seam must be facing the structure. Loosely tywrap the top corner of the fabric to the top corner of the structure so that the fabric is flush with the edge of the post.

Step 28



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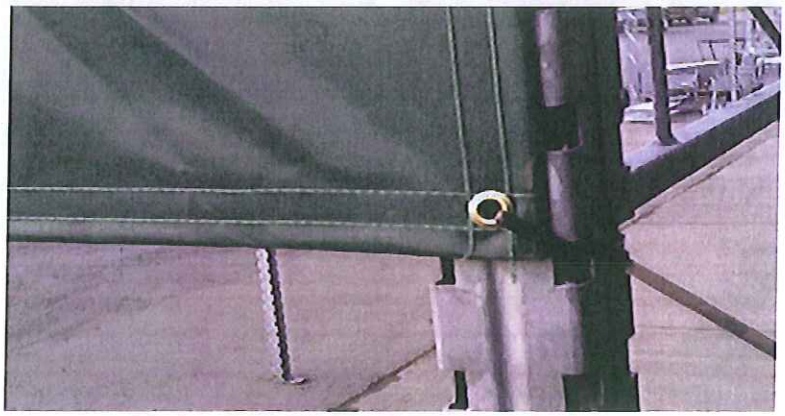
Tywrap the fabric along the top of the arch. Keep the fat end of the tywrap to the lower part of the truss , so that they will not interfere or poke into the roof fabric.

STEP 29

Tywrap the bottom corner of the fabric through the hole in the post just below the truss and pull snug so the fabric is flush with the outside of the post. Put Tywraps in the rest of the grommets along the post.

Step30



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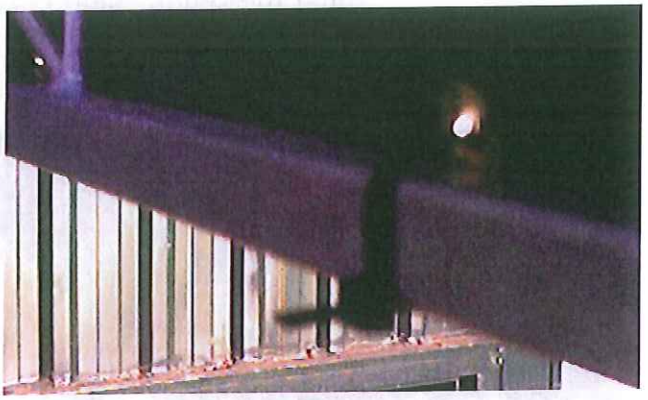
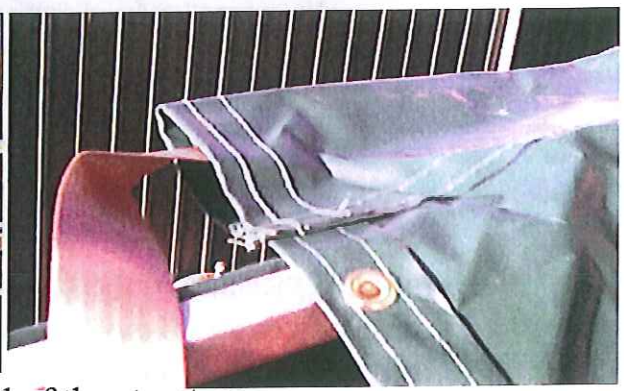


Tywrap the bottom of the fabric to the bottom of the truss. Pull tywraps snug. Go along all the tywraps and cut off the excess, leaving ¾ of an inch to pull tighter later if needed.

Step 31

Looking at the bags of roof fabric, determine how many sections each bag covers. If more than 2 sections , set the fabric at the top of the structure in the middle. Roll out the fabric along the top to one end. The end of the curtain has the belt sewn in it.

Step 32



Flap the belt end just over the gable end of the structure.

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Flap the grommet side of the fabric over the back of the structure. Be sure that the sewing seam is facing the inside of the structure.With the belt end hanging 4-6 inches over the gable end, loosely tywrap the corner to hold the top of the fabric in place

Using the ratchets provided insert the end of the belt through the ratchet and pull the slack through. Hook the other end of the ratchet about a foot down the post and crank the ratchet a couple of times to prevent the belt from slipping out.

Step 33

Unroll the other half of the fabric and pull the top snug and tywrap the other corner. Loop the belt end through the truss past the first upright of the truss. Repeat step 33.

Step 34

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Go along the upper truss and loosely tywrap the grommets, so that have clearance to move from side to side. Pull the fabric down the structure.

Step 35

Flap the belt end over the gable truss and insert the end of the belt through the ratchet. Hook the end of the ratchet to the first upright of the truss going around the post and snug up the belt so it stays over the end of the gable.

Step 36

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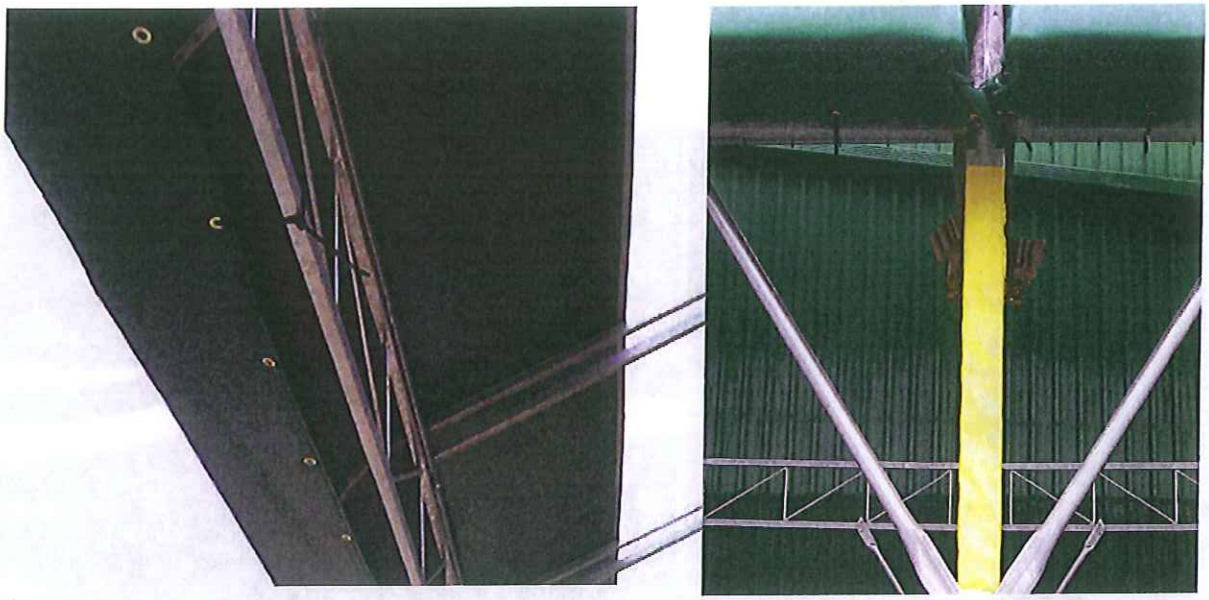
Repeat step 35 at the other end of fabric. (NOTE: If you have a structure more than 2 sections long, Have the fabric go in between the double arches. Go back along the top of the structure and snug up the tywraps so that the fabric is an inch away from the truss

Step 37

Tighten up the ratchets in the middle of the structure. Tighten the ratchets at the gable end to help pull the slack out of the cover. After the slack has been pulled out of the fabric, tywrap the rest of the grommets along the top. Repeat steps 32 &33 with the next sections of roof fabric

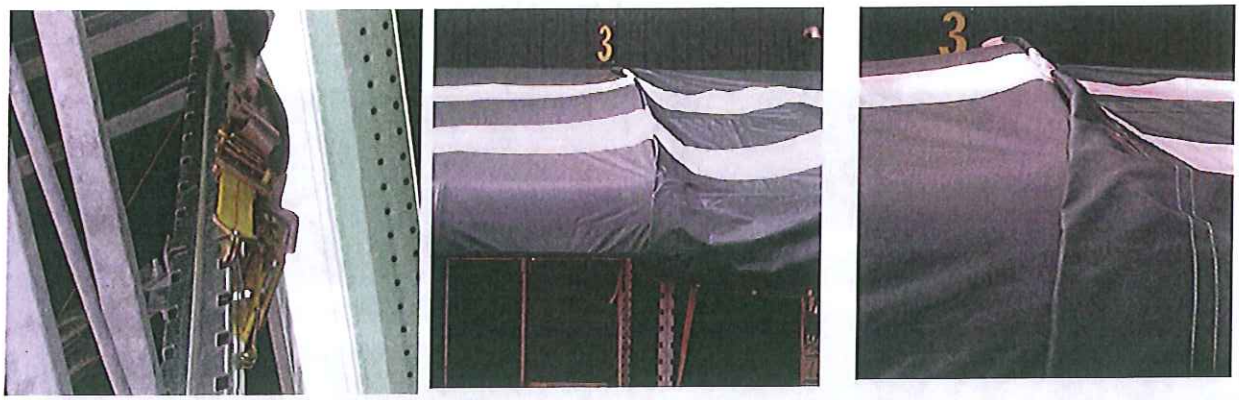
Step 38



Tywrap the bottom grommets closest to each arch first. You may pull them snug. Then tywrap the rest of the grommets. If you have more than 2 sections of structure, Repeat steps 32-33 with the next section of roof fabric.

Step 39

Skip to step 41 if you only have one section



Overlap fabric at the join (just to give you enough fabric to pull through) , now feed the belt through the truss beside the first upright. Now put the belt through the ratchet and attach the end of the ratchet to the post. Crank the ratchet a couple of times to keep the belt from coming out. The fabric will go between the double arches. Same as step 37 shown on page 24. Feed the end of the belt through the ratchet and attach the end of the ratchet to the post.

Step 40

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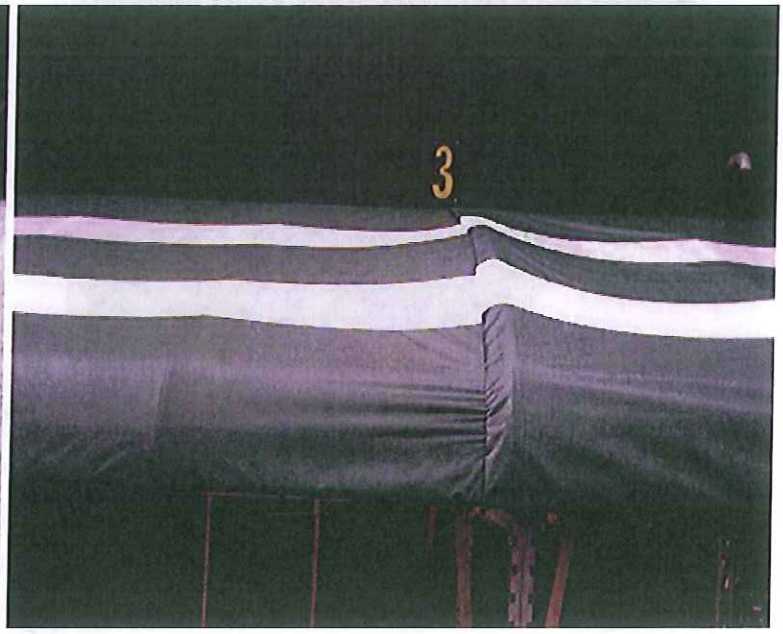

Go along the whole structure, snug up all the tywraps and cut off the excess leaving a ¾ inch tail.

Step 41

STRUCTURE NOT RATED FOR SNOW LOAD!
PLEASE DON'T HESITATE TO CALL IF YOU HAVE ANY QUESTIONS

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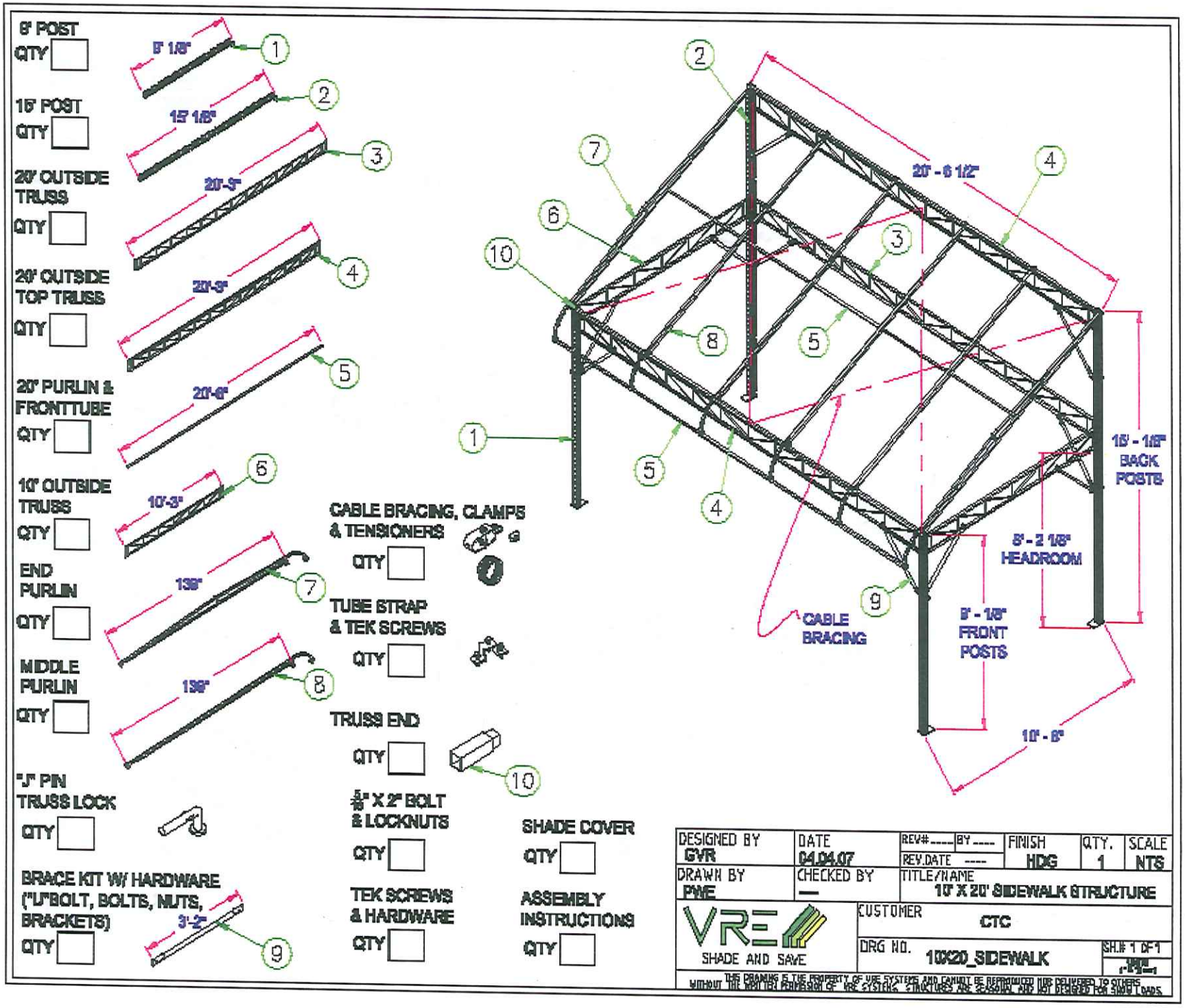

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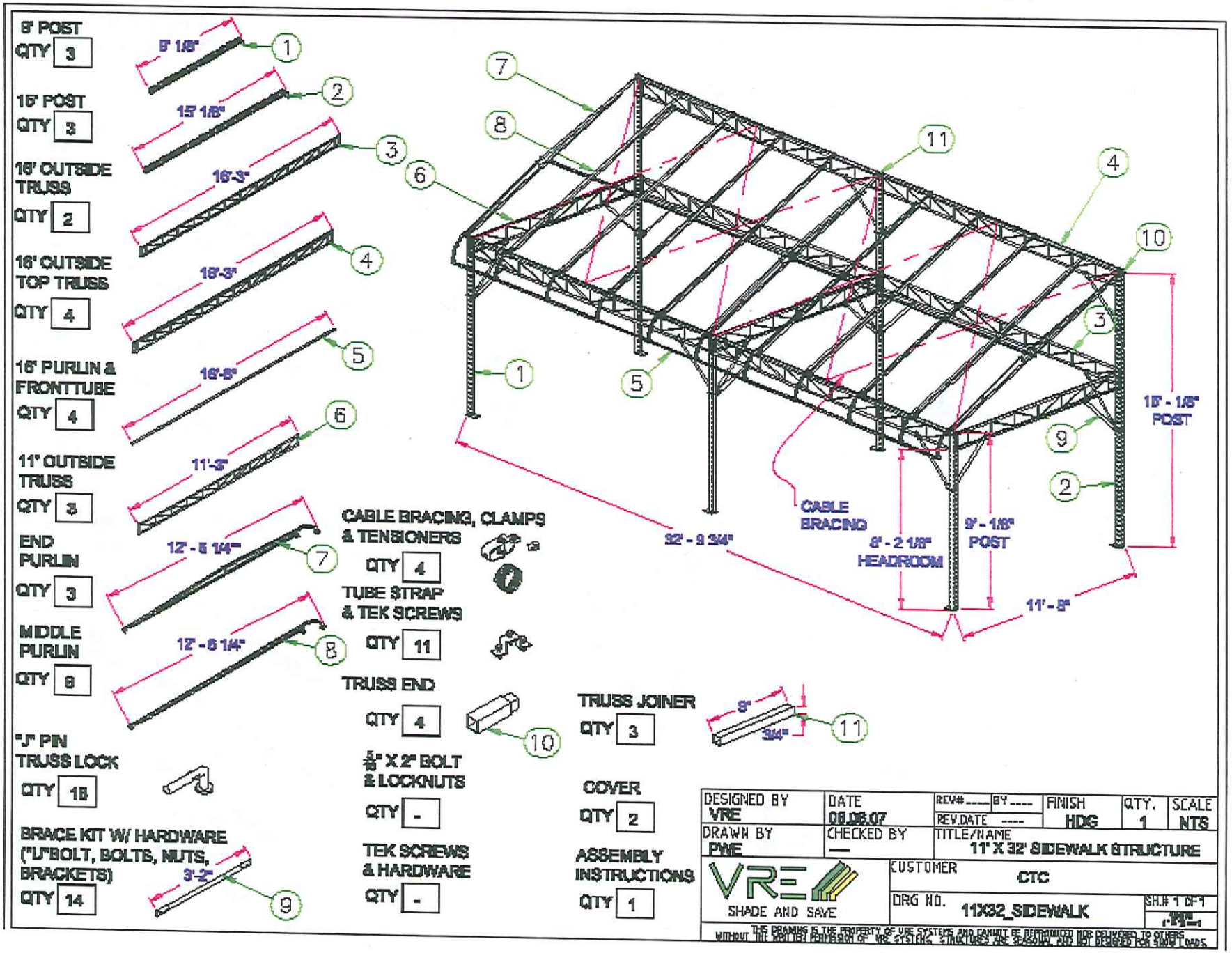

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