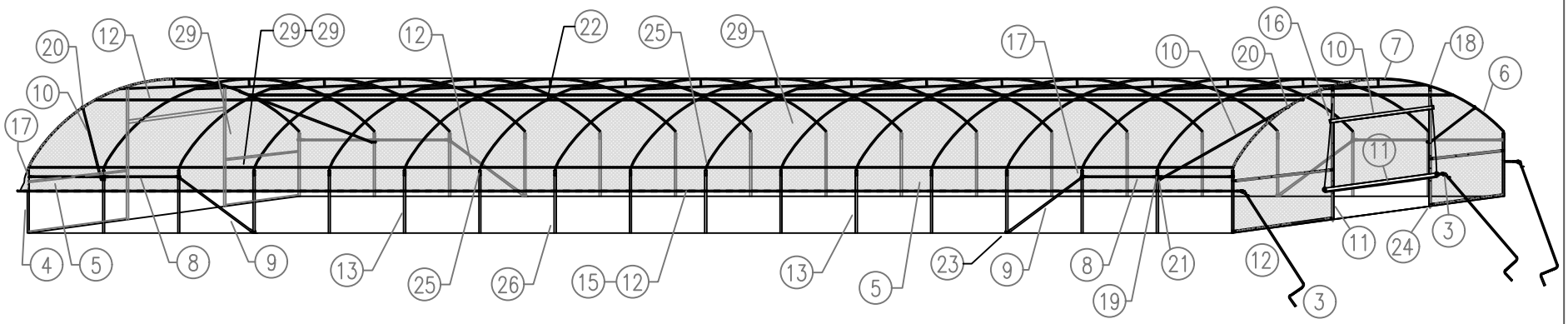
# 22'x96' - 2000 Series Installation Manual

Part No. 0096-2000-90-0221
Part No. 0096-2000-STND-0221




REVISIONS

| | BY |
|---|---|
| 6-29-17 | GM |
| | |

SCALE: AS NOTED

DATE: 6-29-17


QUIEDAN COMPANY

Phone: (831) 663-0770
Fax: (831) 663-0777
e-mail: info@quiedan.com

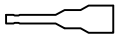
1400 Imjin Rd. Ste J
Marina, CA. 93933


2000 SERIES INSTALLATION MANUAL

Sheet 1 Of 17 Sheets

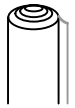
# 22'x96' - 2000 Series Components List

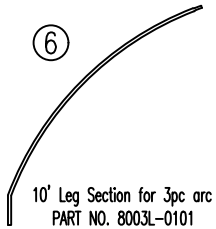
①
12"x ¾" SDS Screws
PART NO. 1281-1000-0001
(1,000)

② 
#12 SDS Magnetic Driver
PART NO. 1281-0121
(2)

③
Large Crank Handle
PART NO. 1339LH-0001
(4)

④
2" Poly Web Strap
PART NO. 7505-1M-0001
(328')

⑤ 
6'x100' Tarp Clear
PART NO. 75120-06-100C2
(2)

⑥ 
10' Leg Section for 3pc arc
PART NO. 8003L-0101
(17)

⑦
8' Reinforced Center for 3pc Arc
PART NO. 8003RC-0081
(17)

⑧

6' Tubing Galv 33mm
PART NO. 8004HD-0062
(20)

⑨ 

8' Tubing Galv 33mm
PART NO. 8004HD-0082
(4)

⑩ 

10' Tubing Galv 33mm
PART NO. 8004HD-0101
(10)

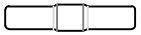
⑪ 

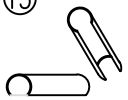
12' Tubing Galv 33mm
PART NO. 8004HD-0121
(6)

⑫ 

10' Swaged Tubing Galv 33mm
PART NO. 8004HDS-0102
(56)

⑬
90" Double Spaded Platform 42mm
PART NO. 8011-42-0901
(34)

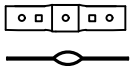
⑭ 
Insert Connector 33mm
PART NO. 8110-00331
(8)

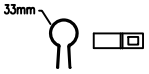
⑮ 
4" ABS cuff 33mm
PART NO. 8120-40331
(150)

⑯
Straight Clamp 33/33 mm
PART NO. 8121-33331
(16)

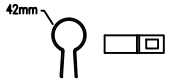
⑰
Straight Clamp 33/42 mm
PART NO. 8121-33421
(16)

⑱
Oblique Clamp 33/33 mm
PART NO. 8122-33331
(4)

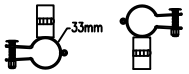
⑲ 
3 Way Connector 33/42/33
PART NO. 8123-33421
(4)

⑳ 

One Bolt Strap Clamp 33mm
PART NO. 8124-00331
(4)

㉑ 

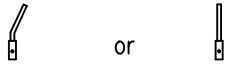
One Bolt Strap Clamp 40-42mm
PART NO. 8124-00421
(12)

㉒ 

Hinged Dbl Clamp 33/33 mm
PART NO. 8124WH-33331
(68)

㉓
Pivot Cap 33mm
PART NO. 8127-2-00331
(16)

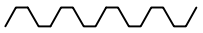
㉔
Square Prop Stop
PART NO. 8130-0001
(4)

㉕ 
Standard uni-direct 42mm top
PART NO. 8201USB-42331
(34)
(0048-2000-STND-0221)

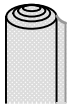
or

90° uni-direct 42mm top
PART NO. 8201UNB-42331
(34)
(0048-2000-90-0221)

㉖
End "J" SDS Strap Clamp 42mm
8158J-00421
(34)

㉗ 
6.56' Wiggle Wire
PART NO. 8350-0651
(100)

㉘
6' Channel Lock
PART NO. 8351-0061
(60)

㉙ 
32' Film Super Premium w/paper core
PART NO. 8462-32SP-1601
(1 roll)

| REVISIONS | BY |
|---|---|
| 6-29-17 | GM |

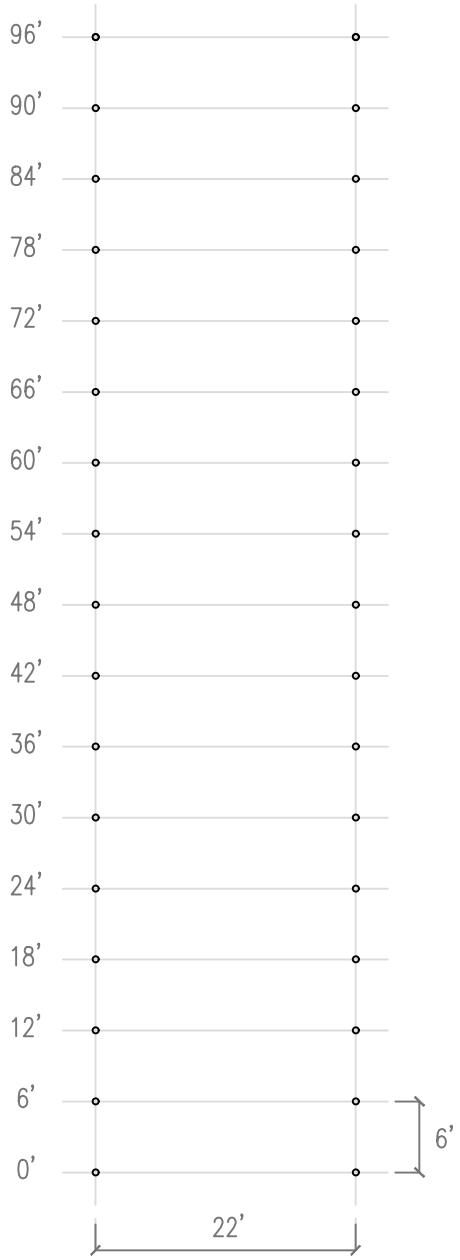
SCALE: AS NOTED

DATE: 6-29-17

QUIEDAN COMPANY
1540 Valley Rd
Wall, NJ 07719
Phone: (800) 883-0770
Fax: (800) 647-0777
e-mail: info@quiedan.com

2000 SERIES INSTALLATION MANUAL

Sheet 2 Of 17 Sheets




TOP VIEW
NTS

# *Overview:*

*Setting up the foundation is crucial to maximizing the stability of your cold frame. Be sure to clear out the portion of land you intend to cover and flatten the ground to ensure continuity throughout the heights of all platform posts.*

# Instructions

1. Measure and map out your platform insertion points (as shown).
2. Use appropriate tooling according to the condition of the soil where the structure will stand.

REVISIONS | BY
6-29-17 | GM

Scale: AS NOTED

Date: 6-29-17

QUIEDAN COMPANY
Phone: (831) 663-0770
Fax: (831) 663-0777
e-mail: info@quiedan.com
1540 Market St
Salinas, CA 93901

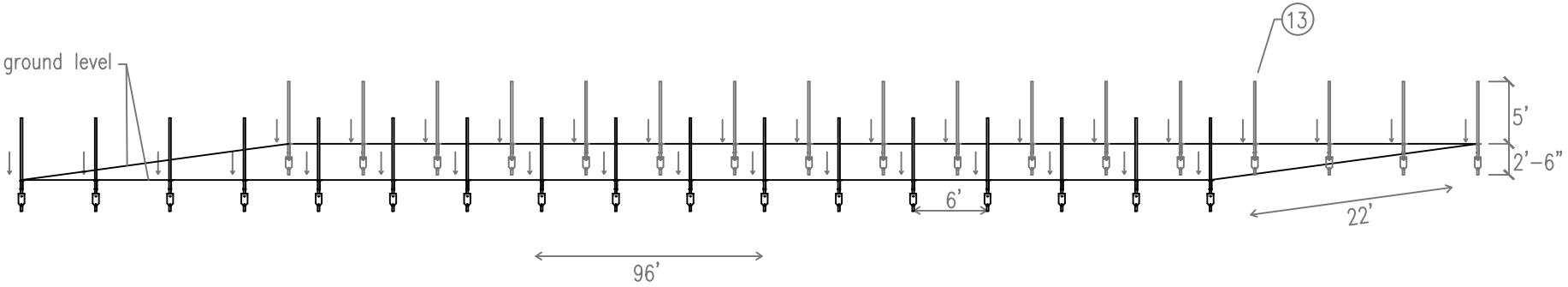
2000 SERIES INSTALLATION MANUAL

# *Overview:*

*Inserting platform posts.*

# Instructions

1. Use pneumatic pounder to install (13) platforms 2'-6" in the ground at insertion points.
2. Be sure that the top of the platforms are leveled.




(13) platform post (34)

ISOMETRIC VIEW

NTS

| REVISIONS | BY |
|---|---|
| 6-29-17 | GM |

SCALE: AS NOTED

DATE: 6-29-17

QUIEDAN COMPANY

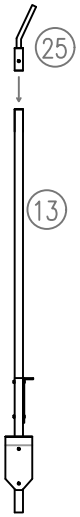
1400 Harbor Bl
Belmont, CA 94002

Phone: (650) 655-0770
Fax: (650) 654-0777
e-mail: info@quiedan.com

2000 SERIES INSTALLATION MANUAL

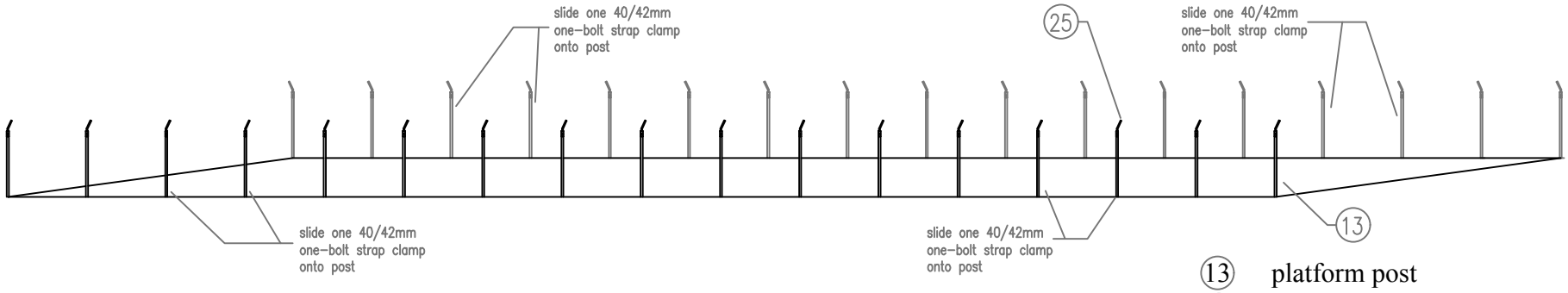
# *Overview:*

*Preparing platform posts by attaching uni-directional tops.*




# Instructions

1. Grab eight (21) 40/42mm one bolt strap clamps. Drop one onto the third and fourth (13) platform posts of each corner (see picture below).
2. Set (25) uni-directional tops on the heads of (13) platforms and align appropriately.




ISOMETRIC VIEW
NTS

(13) platform post
(21) 40-42 one bolt strap clamp(8)
(25) uni-directional top (34)

| REVISIONS | BY |
|---|---|
| 6–29–17 | GM |

SCALE: AS NOTED

DATE: 6–29–17

QUIEDAN COMPANY
1400 Harbor Bl
Belmont, CA 94002
Phone: (650) 593-0770
Fax: (650) 637-0777
e–mail: info@quiedan.com

2000 SERIES INSTALLATION MANUAL

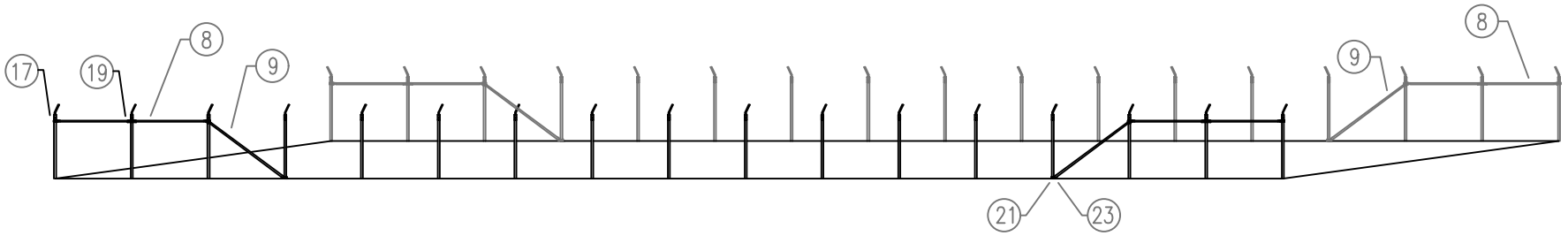
Sheet 5 Of 17 Sheets

# *Overview:*

*Connecting platform posts at all four corners to create support bracing.*

# Instructions

1. Using (17) 33mm/42mm straight clamps, (19) 3 way connectors, (23) pivot caps and (21) 33mm/42mm one bolt strap clamps, connect six foot 33mm tubes and (9) eight foot 33mm tubes (as shown below) to reinforce corners.




(8) 6' tube (8)
(9) 8' tube (4)
(17) 33/42mm straight clamp (8)
(19) 33/42/33mm 3-way clamp (4)
(21) 40-42mm one bolt strap clamp
(23) pivot caps (8)


REVISIONS BY
6-29-17 GM

SCALE AS NOTED
DATE 6-29-17

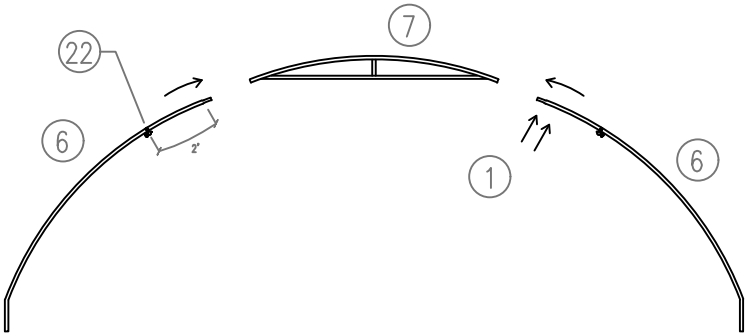
QUIEDAN COMPANY
1400 Harbor Rd
Belmont, CA 94002
Phone: (650) 802-0770
Fax: (650) 802-0777
e-mail: info@quiedan.com

2000 SERIES INSTALLATION MANUAL

Sheet 6 of 17 Sheets

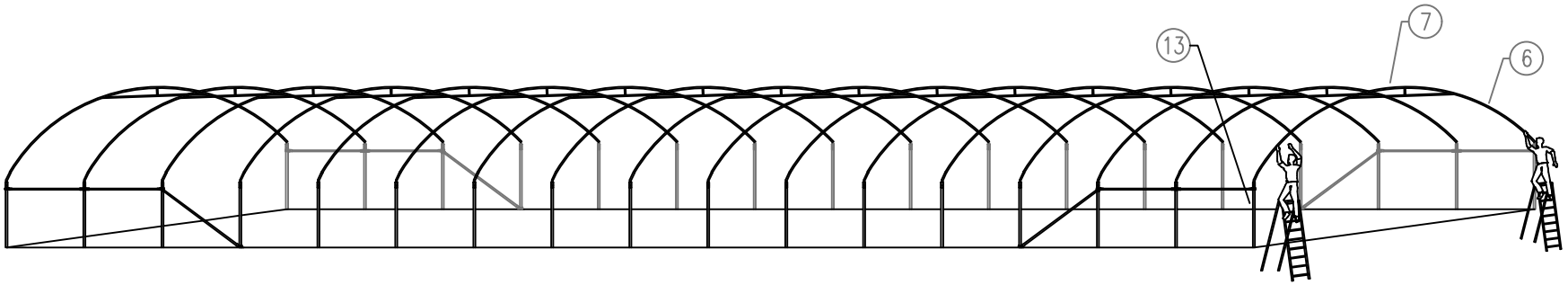
# *Overview:*

*Installation of arcs to begin over-head structure assembly.*




# Instructions

1. Slide one 33/33mm hinged double-clamp onto each (6) 10' leg, 2' in from the swaged end (see drawing).
2. Connect (6) 10' legs to (7) 8' reinforced center piece to create arc (drill in two (1) screws at the unions to hold tubes together).
3. With one person on each side, insert one end at a time and continue until all arc sets are installed onto 13 platforms.




(1) sds screws
(6) 10' leg section (pairs)(17)
(7) 8' reinforced center(17)
(13) platform post
(22) 33/33mm hinged double clamp(34)

REVISIONS BY
6-29-17 GM

SCALE AS NOTED

DATE 6-29-17

QUIEDAN COMPANY

2000 SERIES INSTALLATION MANUAL

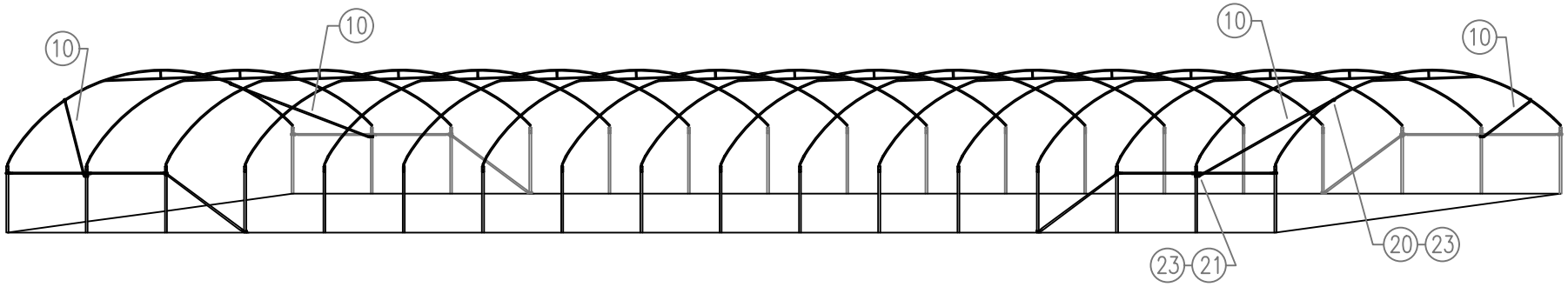
Sheet 7 Of 17 Sheets

# *Overview:*

*Attachment of the stretchers will provide additional support to both ends of the cold frame since this is where the most tension is placed.*

# Instructions

1. Using (20) 33mm one bolt strap clamps, (21) 42mm one-bolt strap clamps, and (23) pivot caps, connect (10) 10' tubes from the end arcs to the appropriate platform posts as shown below.




(10) 10' tube (4)
(20) 33mm one bolt strap clamp (4)
(21) 40-42mm one bolt strap clamp (4)
(23) pivot cap (8)

REVISIONS BY
6-29-17 GM

AS NOTED

6-29-17

QUIEDAN COMPANY
Phone: (831) 663-0770
Fax: (831) 663-0777
e-mail: info@quiedan.com
1540 Merker Rd
Hollister, CA 95023

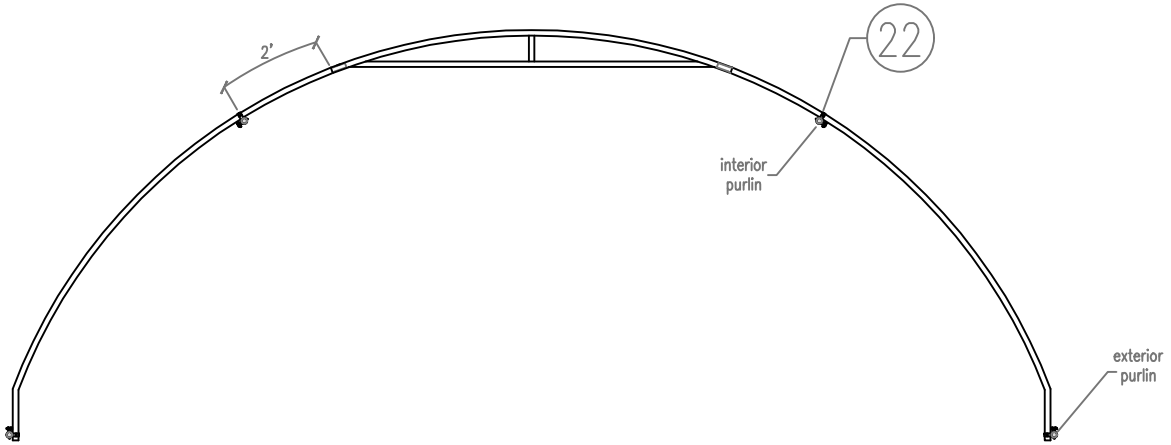
2000 SERIES INSTALLATION MANUAL

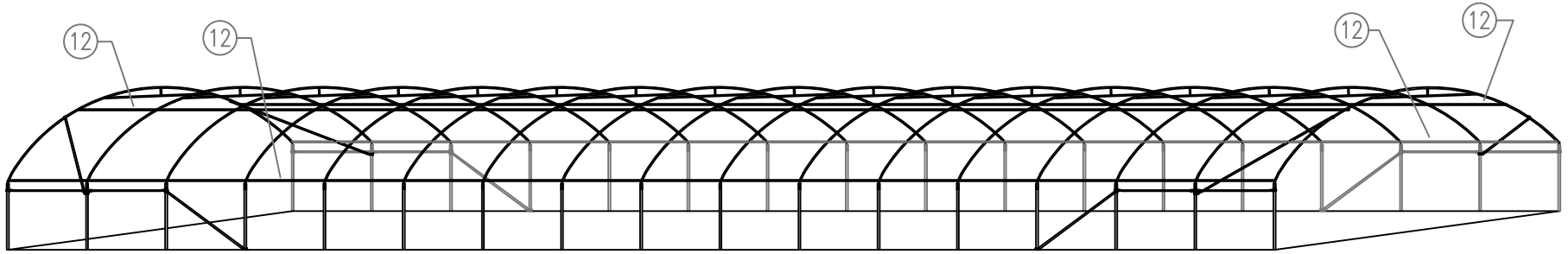
# *Overview:*

*Setting up arc purlins along the interior and exterior sides of arc.*

# Instructions

1. Connect nine (12) 10' swaged tubes together plus one (8) 6' tube (drill in two (1) screws at the unions to hold tubes in place) to create one purlin. Construct four purlins (two interior and two exterior) and connect them to arcs using (22) 33/33mm hinged double clamps. See sketch below.




(8) 6' tube (4)
(12) 10' swaged tube (36)
(22) 33/33mm double-hinged clamp (34)

| REVISIONS | BY |
|---|---|
| 6-29-17 | GM |

SCALE: AS NOTED

DATE: 6-29-17

QUIEDAN COMPANY
1400 Harbor Rd
Ilwaco, WA 98624
Phone: (951) 663-0770
Fax: (951) 667-0777
e-mail: info@quiedan.com

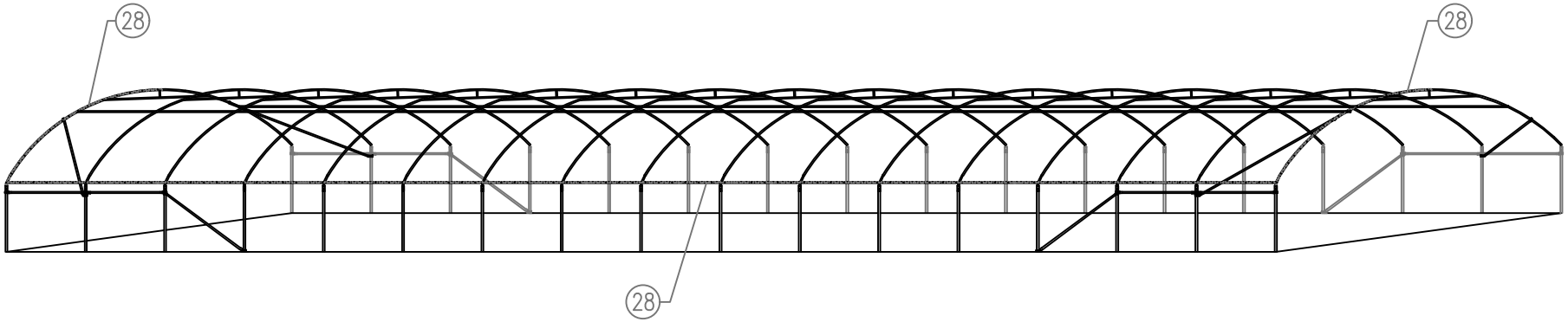
2000 SERIES INSTALLATION MANUAL

# *Overview:*

*Attaching aluminum channel to first and last arcs.*

# Instructions

1. Drill (28) aluminum channel along the top side of the first and last arcs as well as on the exterior purlins as shown.




(28) aluminum channel (40)

# *Overview:*

*Assembling side roll-up tubes (a total of two).*

# Instructions

1. Connect ten (12) 10' swaged tubes (drill in two (1) screws at the unions to hold tubes together) and connect all appropriate pieces for (3) crank handle (including (14) 33mm swaged insert connectors if necessary). Once film is ready to be attached to side roll-up tube, clamp on one (15) 4" abs cuff at every foot as shown (repeat this to create a second roll up for opposite side of structure).
2. See page 18 for Large Crank Handle assembly details.

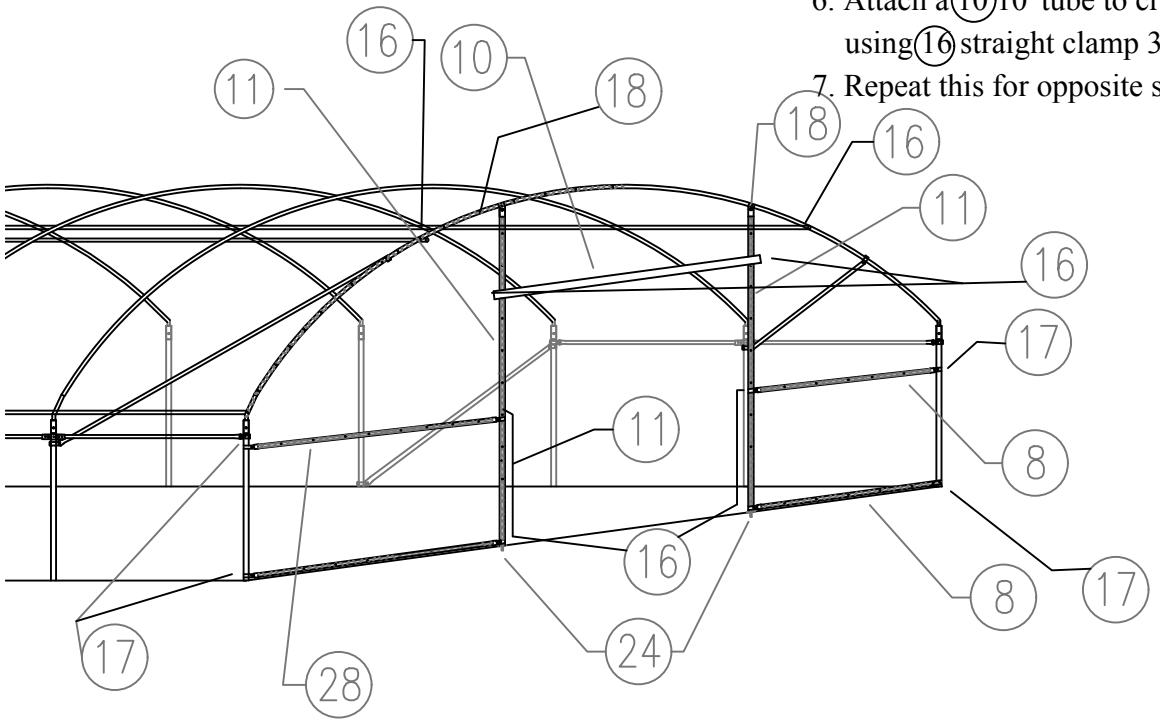
| | |
|---|---|
| (1) | sds screws |
| (3) | crank handle (2) |
| (10) | 10' tubing (2) |
| (12) | 10' swaged tube (20) |
| (14) | 33mm swaged insert connector (4) |
| (15) | 4" abs cuff (134) |

# *Overview:*

*Setting up front and back enclosures.*

# Instructions

1. Gather four (8) 6' tubes and add (28) aluminum channel beginning at 12" in on both ends.
2. Using (17) 33/42mm straight clamps connect prepped (8) 6' tubes to the first and last pairs of (13) platform posts.
3. Drive (24) prop stands into ground and insert (11) 12' tubes at the appropriate distance so that they can be connected by the prepped (8) 6' tubes.
4. Cut both (11) 12' tubes approximately ½" below the hoop. Attach the top of the the 12' tubes to the hoop using the 18 oblique clamps.
5. Using (16) 33/33mm straight clamps, clamp the other ends of (8) 6' tubes to (11) 12' posts.
6. Attach a (10) 10' tube to create the door header using (16) straight clamp 33/33mm
7. Repeat this for opposite side of structure.




- (8) 6' tube (8)
- (10) 10' tube (2)
- (11) 12' tube (4)
- (13) platform post
- (16) straight clamp 33/33mm (16)
- (17) 33/42mm straight clamp (8)
- (18) 33/33 oblique clamp (4)
- (24) prop stop (4)
- (28) aluminum channel (20)

| REVISIONS | BY |
|---|---|
| 6-29-17 | GM |

Scale: AS NOTED

Date: 6-29-17

QUIEDAN COMPANY
Phone: (831) 663-0770
Fax: (831) 663-0777
e-mail: info@quiedan.com

2000 SERIES INSTALLATION MANUAL

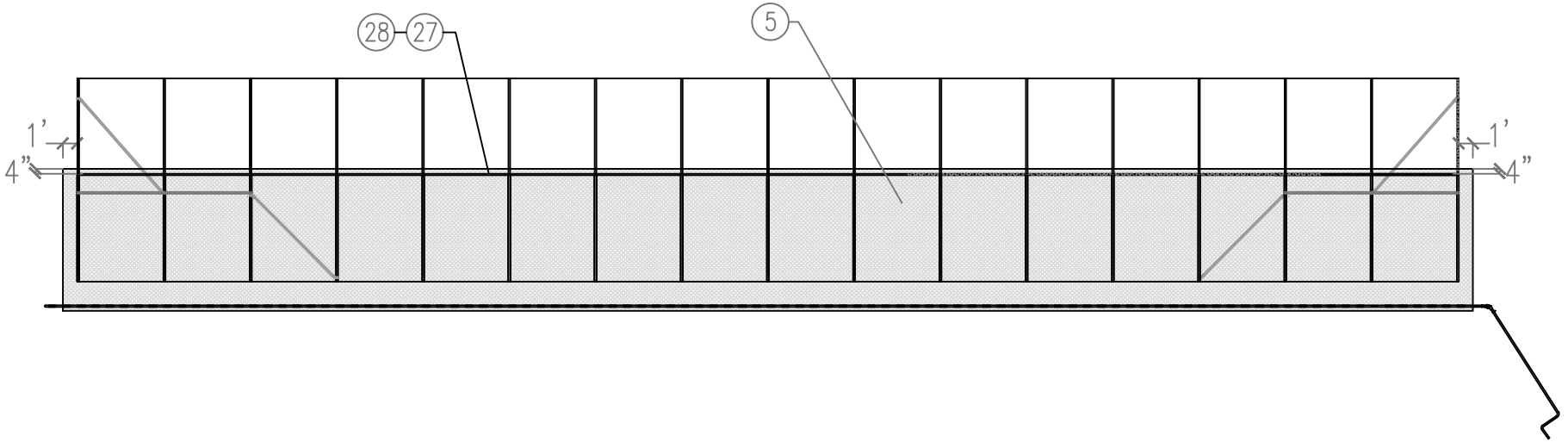
Sheet 12 Of 17 Sheets

# *Overview:*

*Attaching film to create roll-up sidewalls. Be sure to tape all corners and possible sharp edges before attaching film to prevent puncturing.*

# Instructions

1. Begin by leaving 12" of film sticking outwards past the sides, and 4" upwards past the top of the channel.
2. Use (27) wiggle wire to lock film inside (28) aluminum channel.
3. Wrap up the bottom excess film to the roll-up arms assembled in a previous step (page 11).
4. Do this for both sides.




(5) 6'x100' tarp clear (2)
(27) wiggle wire (44)
(28) aluminum channel

REVISIONS
6-29-17 GM

AS NOTED

6-29-17

QUIEDAN COMPANY

2000 SERIES INSTALLATION MANUAL

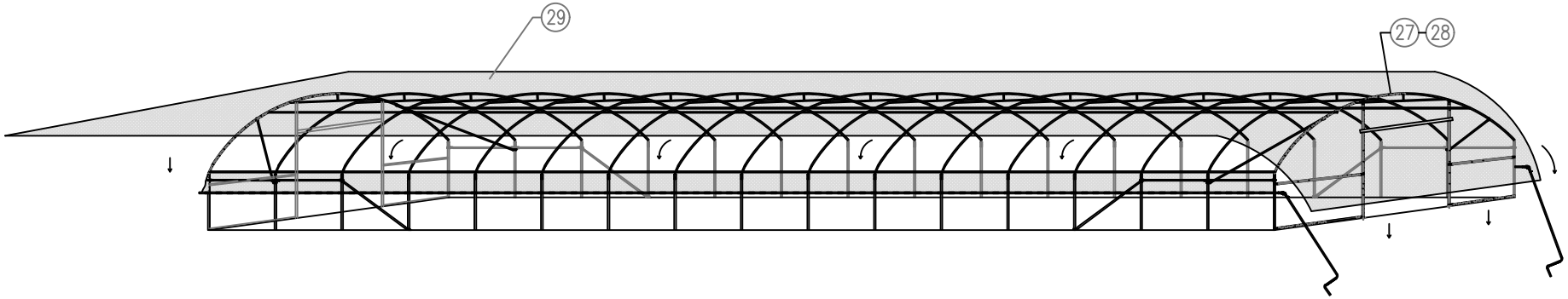
Sheet 13 of 17 Sheets

# *Overview:*

*Attaching film to create ceiling cover.*

# Instructions

1. Lay film over the cold frame.
2. Attach film to the last hoop (locking film into (28) aluminum channel with (27) wiggle wire).
3. Pull the front very tight and lock film into the front hoop's (28) aluminum channel (film must be put on tightly to prevent flapping which can cause potential tearing).
4. Trim excess film that hangs over the front and back of cold frame (leave 6" of excess flap).



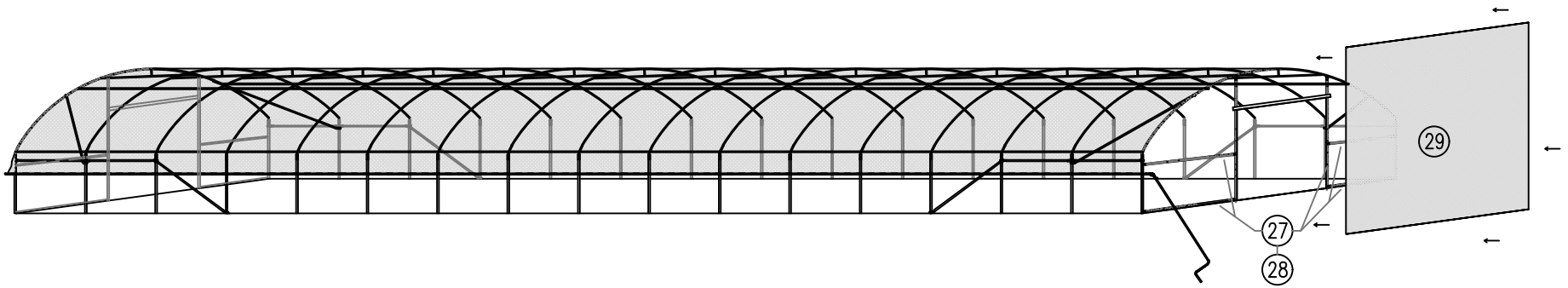

(27) wiggle wire (16)
(28) aluminum channel
(29) super premium film (1)

# *Overview:*

*Attaching film to cover the front and back sides.*

# Instructions

1. Measure the height (x) of the cold frame and add two feet to that distance (x+2').
2. Using the remainder of the (29) film, cut two sheets to be 32' wide (assuming your roll of film is 32' wide) by x'+2' long (i.e. if the cold frame height is 13', your sheet should be 32'x15').
3. Center the sheet and lock film into (28) aluminum channels with 12" of film going upwards past the top and 12" downwards past bottom of (28) aluminum channel.
4. Do for front and back sides of cold frame.




(27) wiggle wire (36)
(28) aluminum channel
(29) super premium film

REVISIONS BY
6-29-17 GM

AS NOTED

6-29-17

QUIEDAN COMPANY
Phone: (831) 663-0770
Fax: (831) 663-0777
e-mail: info@quiedan.com

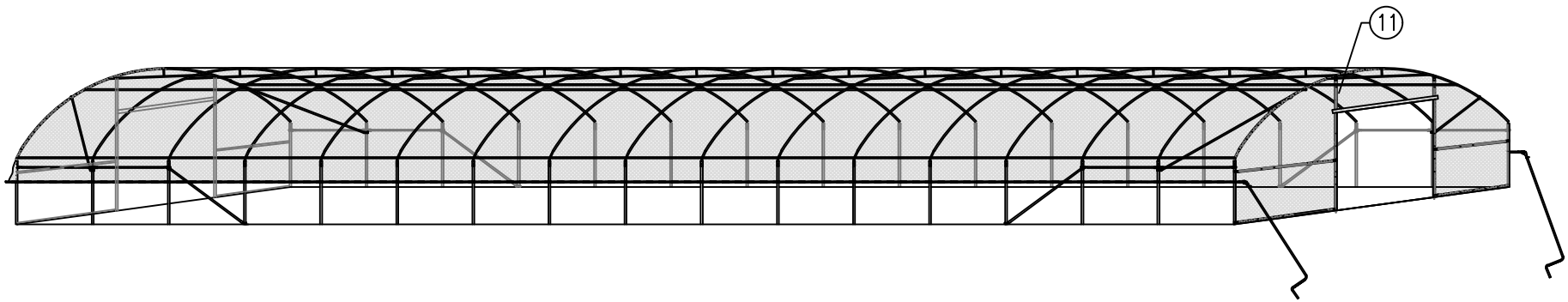
2000 SERIES INSTALLATION MANUAL

# *Overview:*

*Cutting out your front and back doors.*

# Instructions

1. Cut out an opening 4" in from the (11) 12' tubes and header.




(11) 12' tube

REVISIONS

| | BY |
|---|---|
| 6–29–17 | GM |
| | |

SCALE: AS NOTED

DATE: 6–29–17

QUIEDAN COMPANY

Phone: (831) 663-0770
Fax: (831) 663-0777
e-mail: info@quiedan.com

1400 Work Way
Salinas, CA 93907

2000 SERIES INSTALLATION MANUAL

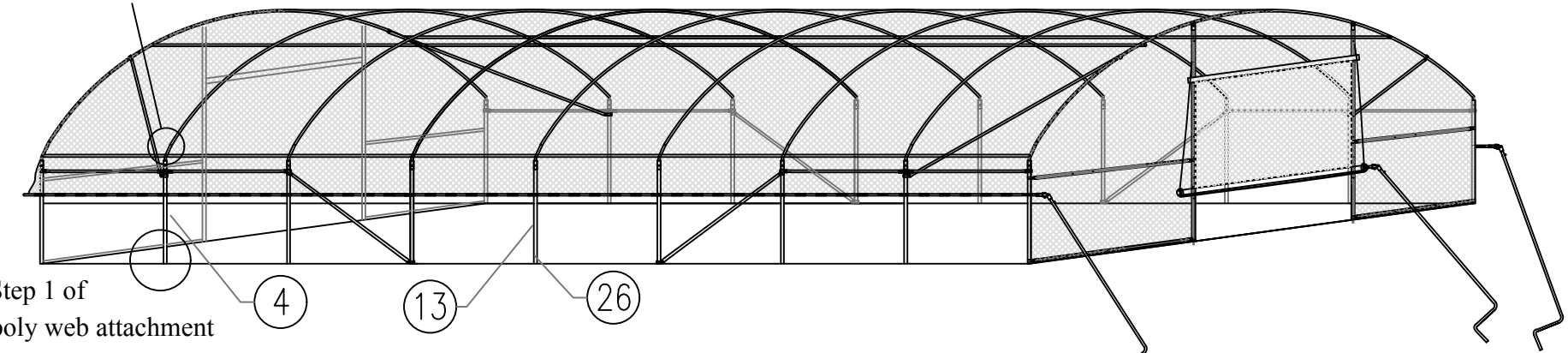
# *Overview:*

*Creating your front and back roll up doors.*

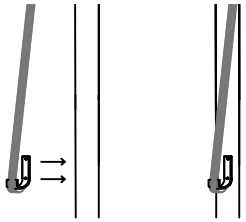
# Instructions

1. From the remaining film, cut out a 11'x12' sheet.
2. Lock the top portion of the film to the (23) aluminum channel with (27) wiggle wire approximately 6" above the header.
3. Wrap up the excess bottom portion of the sheet to the (11) 12' tube using (15) 4" abs cuffs. (For crank handle assembly, see page 18).
4. Screw on (26) 42mm end "J" SDS clamp to the outside of each (13) platform, a few inches above ground with (4) poly web strip between the (26) "J" SDS clamp and the (13) platform (see illustration below, step 1).
5. Using the same strip of (4) poly web, screw the other end of the strip into (28) aluminum channel. (see illustration below, step 2).

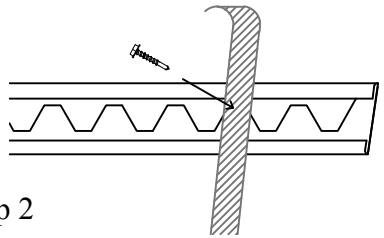
Step 2 of poly web attachment




Step 1 of poly web attachment



Step 1



Step 2

(4) 2" poly web strap
(11) 12' tube (2)
(13) platform post
(15) ABS cuff (16)
(26) end "J" SDS strap clamp 42mm (34)
(27) wiggle wire (4)
(28) aluminum channel

| REVISIONS | BY |
|---|---|
| 6-29-17 | GM |

Scale: AS NOTED

Date: 6-29-17

QUIEDAN COMPANY
Phone: (831) 663-0770
Fax: (831) 663-0777
e-mail: info@quiedan.com

2000 SERIES INSTALLATION MANUAL

Sheet 17 of 17 Sheets

# Crank Handle Assembly

1. Large Crank Handle, remove nuts and bolts from the universal joint areas. Remove handle and set aside.

2. Insert (11) swaged connector into the universal joint ends.

3. Once (11) swaged insert connectors are in place, drill in SDS screws through both sides to secure them in place.

4. For Side Roll-Up Assembly insert the swaged connector end into the (8) 8’ tube roll up assembly tube. Drill SDS screws to connect.

5. For the Front/Back roll-up door assembly, insert swaged connector end into the (9) 12’ roll-up door assembly.

4 Large Crank Handle (2)

8 8’ Tubing (2)

9 12’ Tube

11 Swaged connector (4)