Backyard DISCOVERY™

9x6 POPPY GREENHOUSE
MODEL # : 2404281

For Horticulture Use Only

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For the most up to date assembly manual, to register your product, or to order
replacement parts *Para obtener instrucciones en español, visite*
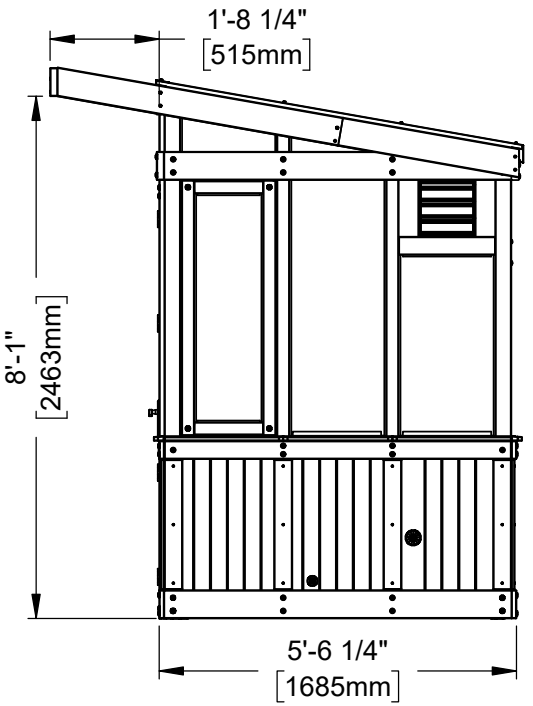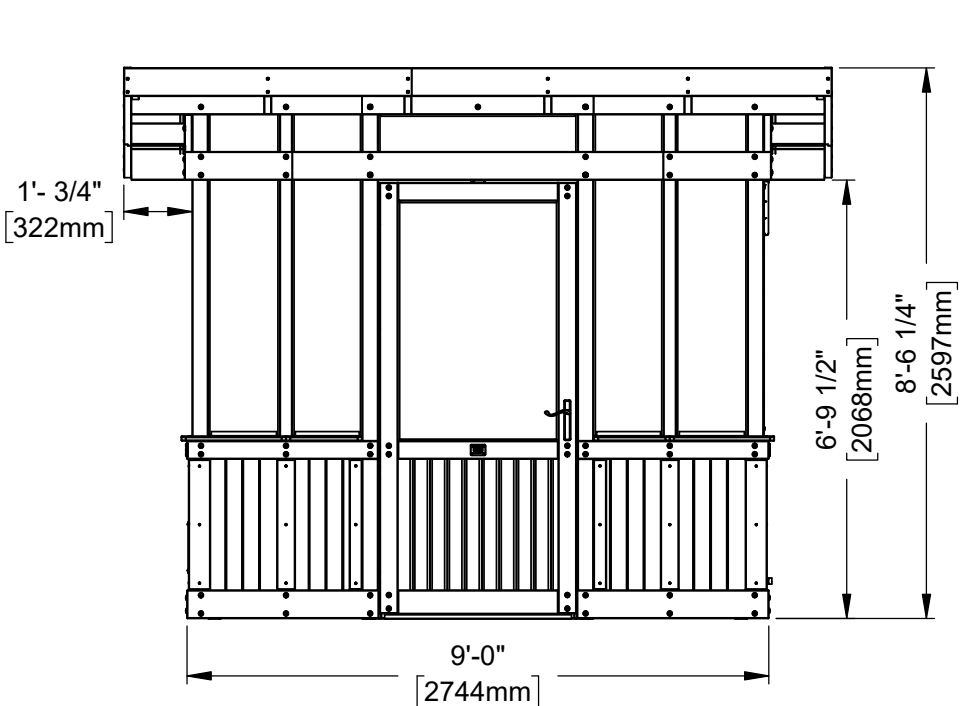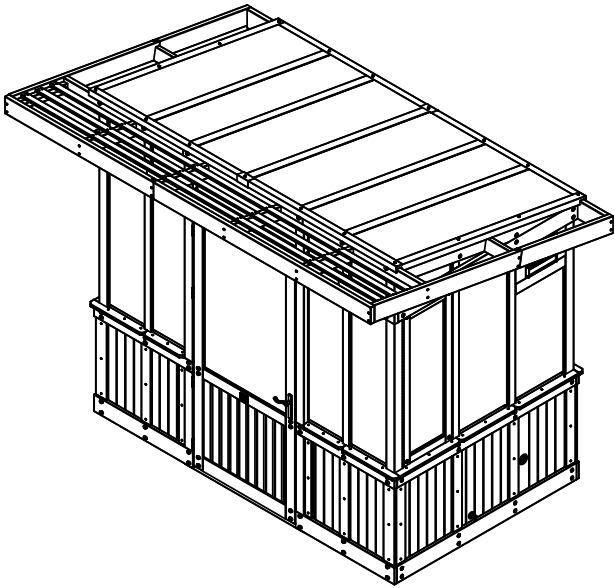*www.backyarddiscovery.com*

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EASY STEP-BY-STEP
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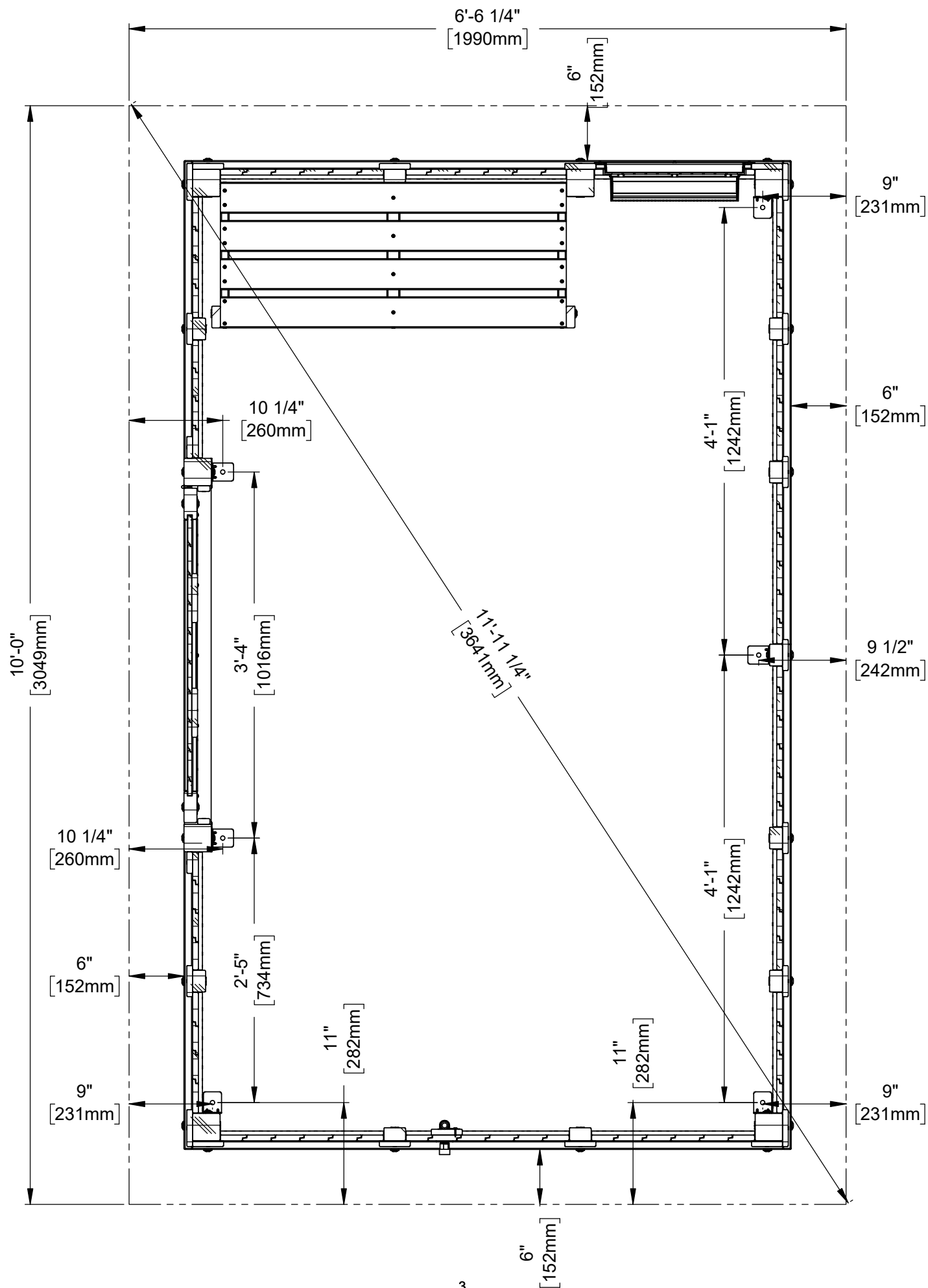# OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

It is critically important that you start with <u>square and level</u> footings or concrete pad to attach your structure

1. **Check you local building and city codes for permit requirements or restrictions, including any Home Owner's Association (HOA) restrictions.**
2. **Select a location with lots of sun, good drainage, and the ability to create a level, firm surface for your greenhouse.**
   - **A firm, level surface is critically important to the longevity of your greenhouse**
   - **Ensure it is accessible on all sides to clean and conduct annual maintenance**
   - **Consider a site location with a close proximity to both water and electrical sources**
   - **Make sure site drains well and avoid low lying areas**
   - **For recommended area for site preparation see ANCHORING LAYOUT page**
3. **Before preparing your site - double check for underground utilities (ex: gas, cable, or sprinkler lines)**
4. **Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly.**
5. **Permanently Anchoring your Greenhouse:**
   - **The hardware to mount your greenhouse permanently to a concrete surface is included. This is the recommended anchoring method.**
   - **The hardware to mount your greenhouse into a ground surface, such as through gravel into the ground, is included.**
     - **It is NOT recommended to set your greenhouse directly on soil or grass as this will shorten the lifespan of your greenhouse.**
   - **The hardware to mount the greenhouse to a wood deck is NOT included and will need to be purchased separately. You must ensure there is ample structural support under the deck before permanently attaching.**
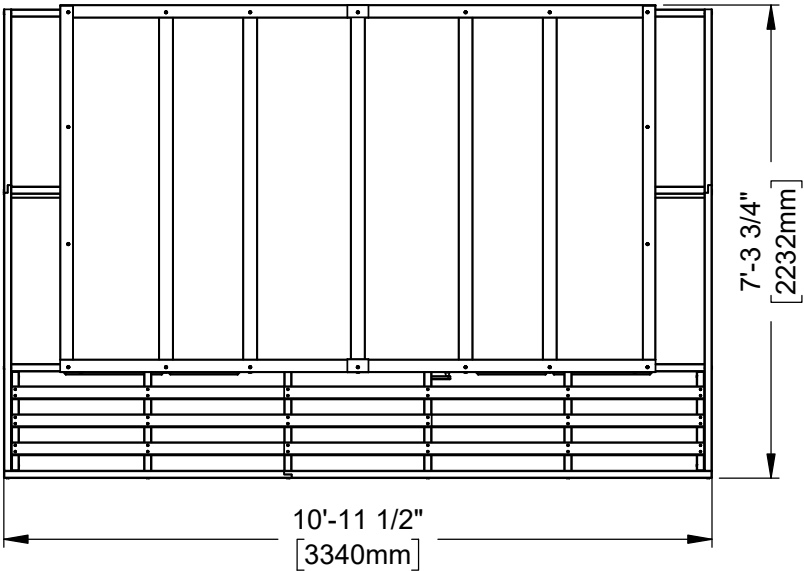
OWNER'S MANUAL - ANCHORING LAYOUT

6'-6 1/4"
[1990mm]

6"
[152mm]

9"
[231mm]

10 1/4"
[260mm]

6"
[152mm]

4'-1"
[1242mm]

10'-0"
[3049mm]

3'-4"
[1016mm]

11'-11 1/4"
[3641mm]

9 1/2"
[242mm]

10 1/4"
[260mm]

4'-1"
[1242mm]

2'-5"
[734mm]

6"
[152mm]

11"
[282mm]

11"
[282mm]

9"
[231mm]

9"
[231mm]

6"
[152mm]

OWNER'S MANUAL - PARTS IDENTIFICATION

WOOD COMPONENTS (NOT TO SCALE)

AA01   DOOR STOP - W4L20574
(x1)   1 7/8"x1 15/16"x36 15/16" (47x50x938)

AD01   ELECTRICAL ENCLOSURE BOARD - W4L20755
(x1)   15/16"x4"x22 1/16" (24x102x560)

AG01   HEADER - W4L20632
(x2)   1 7/16"x5 13/16"x65 1/2" (36x148x1664)

AJ01   PERGOLA RAFTER - W4L20716
(x4)   1 7/16"x4"x19 3/8" (36x102x492)

AJ02   PERGOLA SPACER - W4L20717
(x2)   1 7/16"x4"x9 13/16" (36x102x250)

AJ03   WINDOW SILL - W4L20589
(x1)   1 7/16"x4"x22 1/16" (36x102x561)

B01   POST - W4L20558
(x1)   3"x3"x86 11/16" (76x76x2202)

B02   POST - W4L20560
(x1)   3"x3"x86 11/16" (76x76x2202)

B03   POST TOP - W4L20564
(x1)   3"x3"x16 13/16" (76x76x427)

B04   POST TOP - W4L20565
(x1)   3"x3"x16 13/16" (76x76x427)

B05   POST - W4L20581
(x1)   3"x3"x84 1/16" (76x76x2135)

B06   POST - W4L20585
(x1)   3"x3"x86 11/16" (76x76x2202)

B07   POST TOP - W4L20601
(x1)   3"x3"x14 3/16" (76x76x360)

B08   POST - W4L20613
(x1)   3"x3"x84 1/16" (76x76x2135)

B09   POST - W4L20615
(x1)   3"x3"x86 11/16" (76x76x2202)

B10   POST TOP - W4L20618
(x1)   3"x3"x14 3/16" (76x76x360)

B11   POST - W4L20619
(x1)   3"x3"x88 9/16" (76x76x2250)

D01   HEADER - W4L20562
(x1)   1 7/16"x5 1/4"x73 5/8" (36x134x1870)

D02   HEADER - W4L20563
(x2)   1 7/16"x5 1/4"x20 1/16" (36x134x509)

D03   HEADER - W4L20567
(x1)   1 7/16"x5 1/4"x45 13/16" (36x134x1164)

D04   HEADER - W4L20568
(x1)   1 7/16"x5 1/4"x43" (36x134x1092)

OWNER'S MANUAL - PARTS IDENTIFICATION

WOOD COMPONENTS (NOT TO SCALE)

D05   HEADER - W4L20579
(x1)   1 7/16"x5 1/4"x45 13/16" (36x134x1164)

D06   HEADER - W4L20583
(x1)   1 7/16"x5 1/4"x64 7/16" (36x134x1637)

D07   HEADER - W4L20595
(x1)   1 7/16"x5 1/4"x65 9/16" (36x134x1666)

D08   HEADER - W4L20616
(x1)   1 7/16"x5 1/4"x64 7/16" (36x134x1637)

D09   HEADER - W4L20617
(x1)   1 7/16"x5 1/4"x65 9/16" (36x134x1666)

D10   WINDOW FRAME - W4L20629
(x2)   1 7/16"x4 3/16"x11 7/16" (36x106x290)

D11   FASCIA - W4L20718
(x2)   1 7/16"x5 1/4"x35 1/2" (36x134x902)

D12   FASCIA - W4L20719
(x1)   1 7/16"x5 1/4"x53 13/16" (36x134x1367)

D13   FASCIA - W4L20720
(x1)   1 7/16"x5 1/4"x53 13/16" (36x134x1367)

D14   FASCIA - W4L20721
(x1)   1 7/16"x5 1/4"x53 7/16" (36x134x1358)

D15   FASCIA - W4L20722
(x1)   1 7/16"x5 1/4"x79 7/16" (36x134x2018)

E01   WINDOW SILL - W4L20569
(x2)   1 7/16"x3 3/8"x19 7/16" (36x86x493)

E02   WINDOW SILL - W4L20570
(x2)   1 7/16"x3 3/8"x19 7/16" (36x86x493)

E03   WINDOW SILL - W4L20572
(x1)   1 7/16"x3 3/8"x14 1/8" (36x86x358)
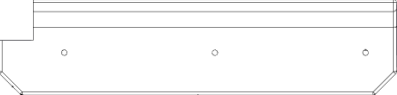
E04   WINDOW SILL - W4L20573
(x1)   1 7/16"x3 3/8"x14 1/8" (36x86x358)

E05   WINDOW SILL - W4L20587
(x1)   1 7/16"x3 3/8"x20 1/4" (36x86x515)

E06   WINDOW SILL - W4L20588
(x2)   1 7/16"x3 3/8"x22 1/16" (36x86x561)

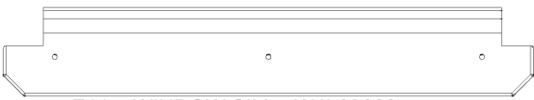# OWNER'S MANUAL - PARTS IDENTIFICATION

WOOD COMPONENTS (NOT TO SCALE)

E08   WINDOW SILL - W4L20608
(x2)   1 7/16"x3 3/8"x15 5/8" (36x86x397)
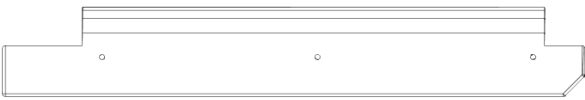
E10   WINDOW SILL - W4L20625
(x1)   1 7/16"x3 3/8"x22 1/16" (36x86x561)

E11   WINDOW SILL - W4L20626
(x1)   1 7/16"x3 3/8"x20 1/4" (36x86x515)

E12   FAN FRAME - W4L20628
(x1)   1 7/16"x3 3/8"x18 11/16" (36x86x475)

E13   WINDOW SILL - W4L20633
(x2)   1 7/16"x3 3/8"x20" (36x86x508)

E14   RAFTER - W4L20642
(x3)   1 7/16"x3 3/8"x64 3/16" (36x86x1630)

E15   JOIST - W4L20643
(x2)   1 7/16"x3 3/8"x60 7/16" (36x86x1535)

E16   RAFTER - W4L20644
(x2)   1 7/16"x3 3/8"x63 9/16" (36x86x1614)

E17   FAN FRAME - W4L20614
(x1)   1 7/16"x3 3/8"x18 11/16" (36x86x475)

F01   UPRIGHT - W4L20557
(x2)   1 7/16"x2 3/8"x86 11/16" (36x60x2202)

F02   UPRIGHT TOP - W4L20566
(x2)   1 7/16"x2 3/8"x16 13/16" (36x60x427)

F03   WINDOW CAP - W4L20577
(x1)   1 7/16"x2 3/8"x36 15/16" (36x60x938)

F04   UPRIGHT - W4L20582
(x1)   1 7/16"x2 3/8"x86 11/16" (36x60x2202)

F05   UPRIGHT TOP - W4L20594
(x1)   1 7/16"x2 3/8"x10 3/4" (36x60x273)

F06   UPRIGHT - W4L20596
(x1)   1 7/16"x2 3/8"x88 9/16" (36x60x2250)

F07   TABLE CLEAT - W4L20599
(x1)   1 7/16"x2 3/8"x13 1/4" (36x60x336)

F08   WINDOW CAP - W4L20600
(x1)   1 7/16"x2 3/8"x17 13/16" (36x60x453)

F09   UPRIGHT - W4L20607
(x3)   1 7/16"2 3/8"x85 1/4" (36x60x2166)

F10   ANGLE BRACE - W4L20611
(x1)   1 7/16"x2 3/8"x17" (36x60x432)

F11   ANGLE BRACE - W4L20612
(x4)   1 7/16"x2 3/8"x18 1/16" (36x60x458)

F12   UPRIGHT - W4L20620
(x1)   1 7/16"x2 3/8"x86 11/16" (36x60x2202)
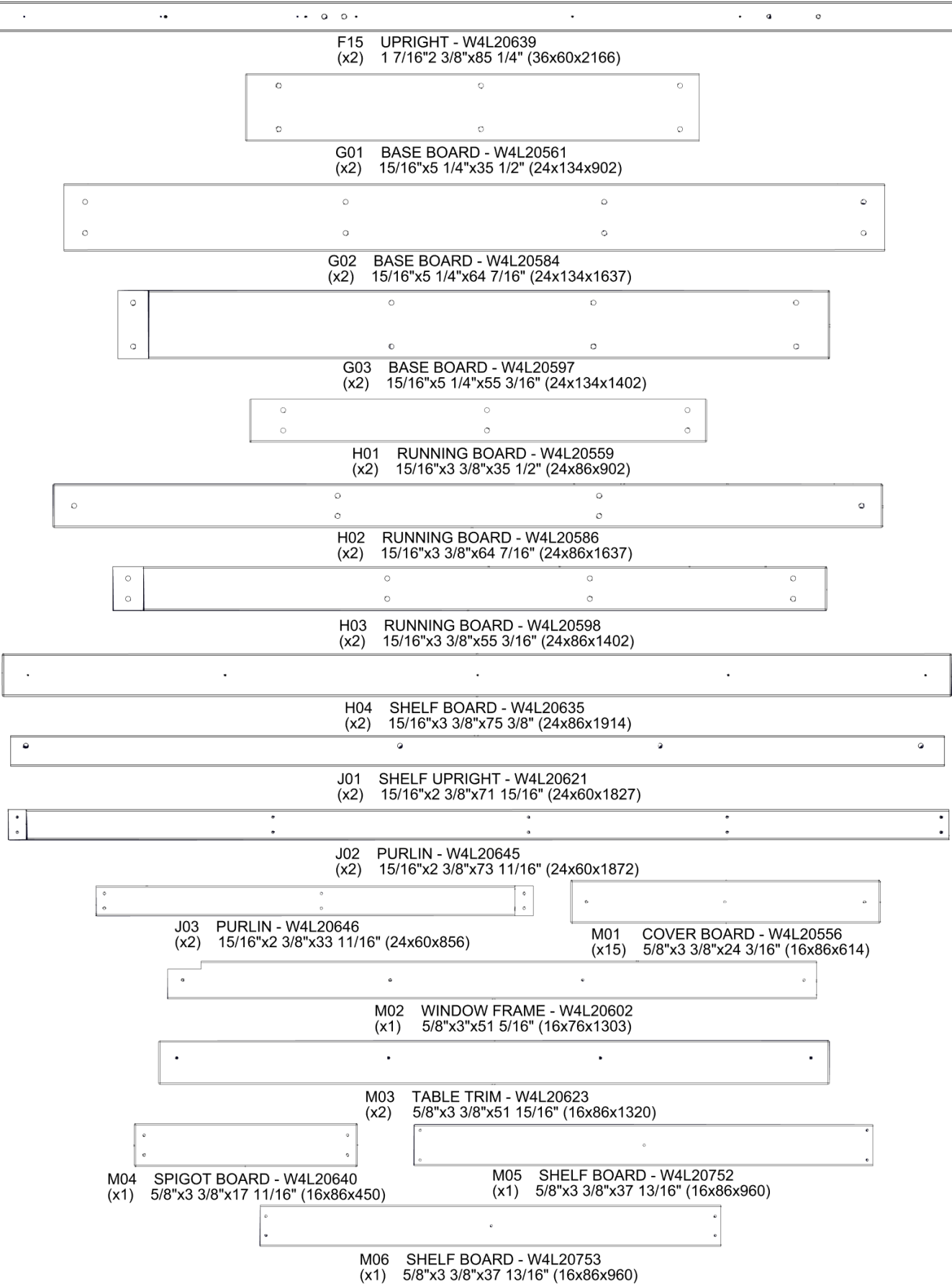
F13   UPRIGHT TOP - W4L20622
(x1)   1 7/16"x2 3/8"x10 3/4" (36x60x273)

F14   ANGLE BRACE - W4L20631
(x2)   1 7/16"x2 3/8"x18 1/16" (36x60x458)
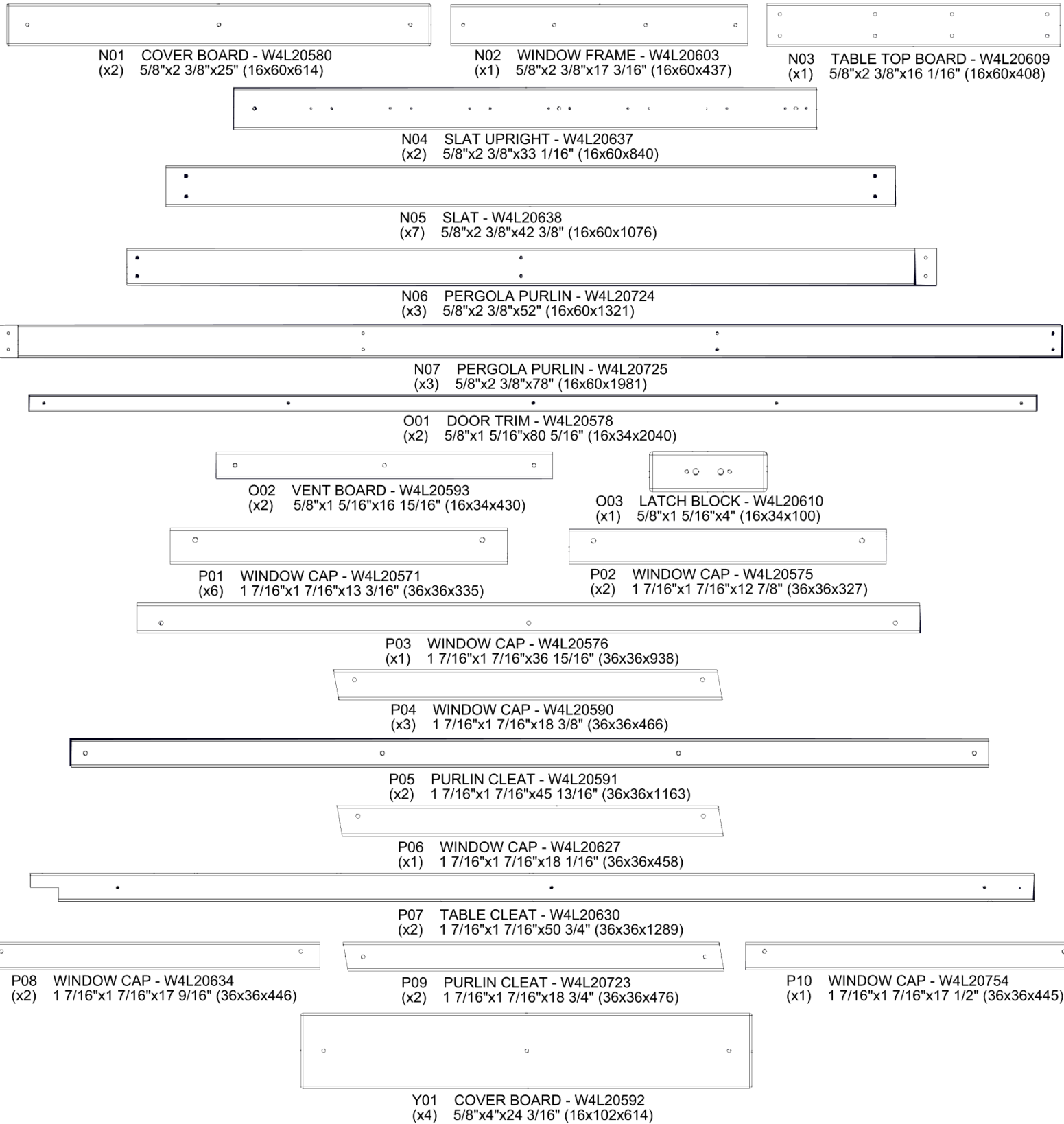
OWNER'S MANUAL - PARTS IDENTIFICATION
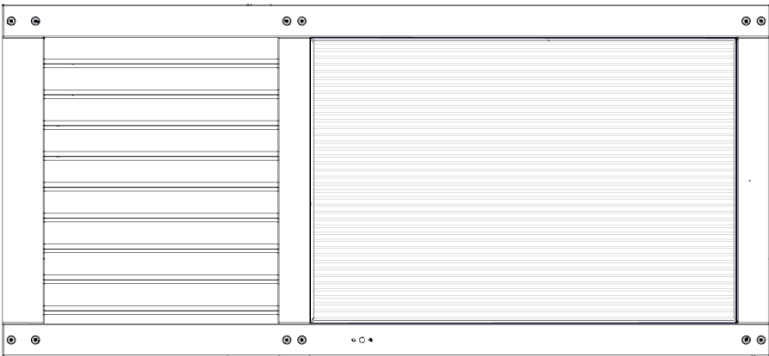
WOOD COMPONENTS (NOT TO SCALE)

F15   UPRIGHT - W4L20639
(x2)   1 7/16"2 3/8"x85 1/4" (36x60x2166)

G01   BASE BOARD - W4L20561
(x2)   15/16"x5 1/4"x35 1/2" (24x134x902)

G02   BASE BOARD - W4L20584
(x2)   15/16"x5 1/4"x64 7/16" (24x134x1637)

G03   BASE BOARD - W4L20597
(x2)   15/16"x5 1/4"x55 3/16" (24x134x1402)

H01   RUNNING BOARD - W4L20559
(x2)   15/16"x3 3/8"x35 1/2" (24x86x902)

H02   RUNNING BOARD - W4L20586
(x2)   15/16"x3 3/8"x64 7/16" (24x86x1637)

H03   RUNNING BOARD - W4L20598
(x2)   15/16"x3 3/8"x55 3/16" (24x86x1402)

H04   SHELF BOARD - W4L20635
(x2)   15/16"x3 3/8"x75 3/8" (24x86x1914)

J01   SHELF UPRIGHT - W4L20621
(x2)   15/16"x2 3/8"x71 15/16" (24x60x1827)

J02   PURLIN - W4L20645
(x2)   15/16"x2 3/8"x73 11/16" (24x60x1872)

J03   PURLIN - W4L20646
(x2)   15/16"x2 3/8"x33 11/16" (24x60x856)

M01   COVER BOARD - W4L20556
(x15)   5/8"x3 3/8"x24 3/16" (16x86x614)

M02   WINDOW FRAME - W4L20602
(x1)   5/8"x3"x51 5/16" (16x76x1303)

M03   TABLE TRIM - W4L20623
(x2)   5/8"x3 3/8"x51 15/16" (16x86x1320)

M04   SPIGOT BOARD - W4L20640
(x1)   5/8"x3 3/8"x17 11/16" (16x86x450)

M05   SHELF BOARD - W4L20752
(x1)   5/8"x3 3/8"x37 13/16" (16x86x960)

M06   SHELF BOARD - W4L20753
(x1)   5/8"x3 3/8"x37 13/16" (16x86x960)

OWNER'S MANUAL - PARTS IDENTIFICATION

WOOD COMPONENTS (NOT TO SCALE)

N01   COVER BOARD - W4L20580
(x2)   5/8"x2 3/8"x25" (16x60x614)

N02   WINDOW FRAME - W4L20603
(x1)   5/8"x2 3/8"x17 3/16" (16x60x437)

N03   TABLE TOP BOARD - W4L20609
(x1)   5/8"x2 3/8"x16 1/16" (16x60x408)

N04   SLAT UPRIGHT - W4L20637
(x2)   5/8"x2 3/8"x33 1/16" (16x60x840)

N05   SLAT - W4L20638
(x7)   5/8"x2 3/8"x42 3/8" (16x60x1076)

N06   PERGOLA PURLIN - W4L20724
(x3)   5/8"x2 3/8"x52" (16x60x1321)

N07   PERGOLA PURLIN - W4L20725
(x3)   5/8"x2 3/8"x78" (16x60x1981)

O01   DOOR TRIM - W4L20578
(x2)   5/8"x1 5/16"x80 5/16" (16x34x2040)

O02   VENT BOARD - W4L20593
(x2)   5/8"x1 5/16"x16 15/16" (16x34x430)

O03   LATCH BLOCK - W4L20610
(x1)   5/8"x1 5/16"x4" (16x34x100)

P01   WINDOW CAP - W4L20571
(x6)   1 7/16"x1 7/16"x13 3/16" (36x36x335)

P02   WINDOW CAP - W4L20575
(x2)   1 7/16"x1 7/16"x12 7/8" (36x36x327)

P03   WINDOW CAP - W4L20576
(x1)   1 7/16"x1 7/16"x36 15/16" (36x36x938)

P04   WINDOW CAP - W4L20590
(x3)   1 7/16"x1 7/16"x18 3/8" (36x36x466)

P05   PURLIN CLEAT - W4L20591
(x2)   1 7/16"x1 7/16"x45 13/16" (36x36x1163)

P06   WINDOW CAP - W4L20627
(x1)   1 7/16"x1 7/16"x18 1/16" (36x36x458)

P07   TABLE CLEAT - W4L20630
(x2)   1 7/16"x1 7/16"x50 3/4" (36x36x1289)

P08   WINDOW CAP - W4L20634
(x2)   1 7/16"x1 7/16"x17 9/16" (36x36x446)

P09   PURLIN CLEAT - W4L20723
(x2)   1 7/16"x1 7/16"x18 3/4" (36x36x476)

P10   WINDOW CAP - W4L20754
(x1)   1 7/16"x1 7/16"x17 1/2" (36x36x445)

Y01   COVER BOARD - W4L20592
(x4)   5/8"x4"x24 3/16" (16x102x614)

OWNER'S MANUAL - PARTS IDENTIFICATION

WOOD COMPONENTS (NOT TO SCALE)

DA01   DOOR ASSEMBLY - W2A04009
(x1)   1 7/8"x36 9/16"x80" (48x928x2032)

SH01   SHELF ASSEMBLY - W2A04437
(x3)   3"x15 7/8"x37 13/16" (76x404x960)

SH02   SHELF ASSEMBLY - W2A04446
(x1)   3"x15 7/8"x37 13/16" (76x404x960)

TB01   TABLE ASSEMBLY - W2A04439
(x1)   2 1/16"x16 1/16"x51 15/16" (52x408x1319)
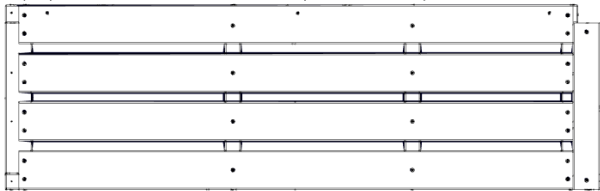
TB02   TABLE ASSEMBLY - W2A04444
(x1)   2 1/16"x16 1/16"x51 15/16" (52x408x1319)
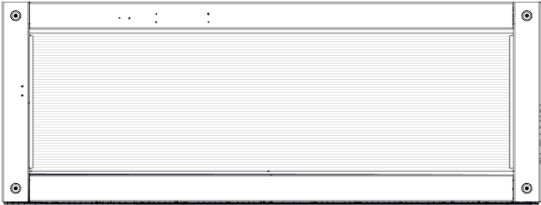
WA01   WINDOW ASSEMBLY - W2A04438
(x1)   1 7/8"x17 1/2"x47 3/16" (48x444x1198)
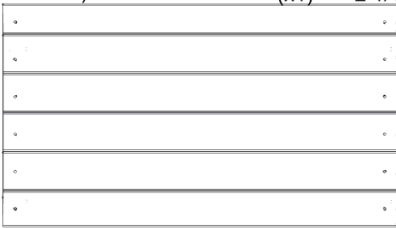
WP01   WALL PANEL - W2A04433
(x2)   1 1/16"x17 13/16"x31 9/16" (27x453x801)
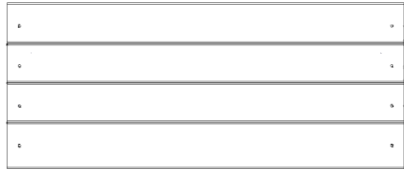
WP02   WALL PANEL - W2A04434
(x6)   1 1/16"x13 3/16"x31 9/16" (27x335x801)
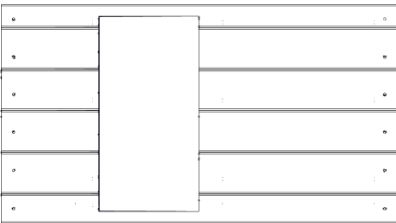
WP03   WALL PANEL - W2A04435
(x2)   1 1/16"x12 7/8"x31 9/16" (27x327x801)

WP04   WALL PANEL - W2A04436
(x1)   1 1/16"x17 1/2"x31 9/16" (27x445x801)

WP05   WALL PANEL - W2A04440
(x1)   1 1/16"x17 1/2"x31 9/16" (27x445x801)
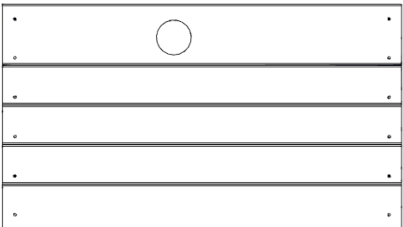
WP06   WALL PANEL - W2A04441
(x1)   1 1/16"x17 13/16"x31 9/16" (27x453x801)
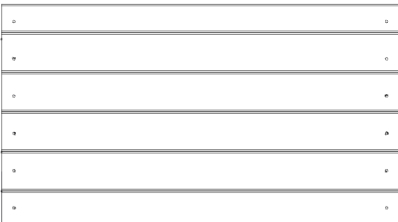
WP07   WALL PANEL - W2A04443
(x2)   1 1/16"x17 9/16"x31 9/16" (27x446x801)
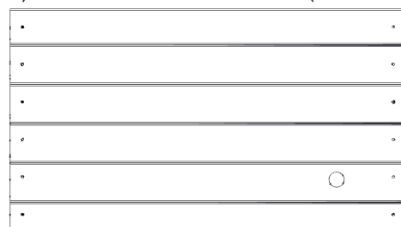
WP08   WALL PANEL - W2A04447
(x1)   1 1/16"x17 13/16"x31 9/16" (27x453x801)

OWNER'S MANUAL - PARTS IDENTIFICATION

ACCESSORY COMPONENTS (NOT TO SCALE)

A4M00555   L BRACKET BLK
(x5)

A4M00557   HINGE ASSEMBLY
(x4)

A4M00559   PULL HANDLE
(x1)

A4M01591   HOOK
(x4)

A6P00692   CORD GROMMET
(x1)

A4M02385   PIPE CLAMP
(x2)

A4M02384   HOSE FAUCET
(x1)

A6P00645   PIPE 1/2" X 24"
(x1)

A6P00649   THREADED PIPE
(x1)   CONNECTOR

A6P00577   RUBBER GROMMET
(x1)

A6P00648   THREADED HOSE
(x1)   FITTING

A6P00646   ELBOW 1/2" NPT
(x2)

A6P00730   LOUVER
(x1)

A6P00754   THERMOSTAT
(x1)

A4M02383   EXHAUST FAN
(x1)

A4M02096   BRACKET
(x3)

A4M02502   ANCHOR BRACKET
(x1)

A4M02503   ANCHOR BRACKET
(x2)

A4M03417   TRUSS BRACKET
(x2)

A4M02091   GROUND STAKE
(x6)

A4M02093   RAFTER BRACKET
(x12)

A4M02411   DOOR PROTECTOR
(x1)   CHAIN

A4M02158   BYD ID TAG PATIO
(x1)

A4M00997   METAL CLEAT
(x1)

A4M02410   STORM DOOR
(x1)   HANDLE

A4M03473   HOSE HANGER
(x1)

A4M02532   DOOR SWEEP
(x1)

A4M02607   WINDOW LATCH LOCK
(x1)

A4M02526   DOOR BRACKET
(x1)

A4M02533   SUPPORT HINGE
(x1)

9205413   ELECTRICAL ENCLOSURE
(x1)

A4M02811   SHELF BRACKET
(x5)

A6P01060   COLLAPSIBLE
(x1)   GARDEN HOSE

A6P00809   PLUMBERS TAPE
(x1)

A6P00690   DUST SEAL TAPE
(x1)

A6P00813   DOUBLE SIDED TAPE
(x1)

OWNER'S MANUAL - PARTS IDENTIFICATION

ACCESSORY COMPONENTS (NOT TO SCALE)

A4M04033   SPLICE COVER
(x5)
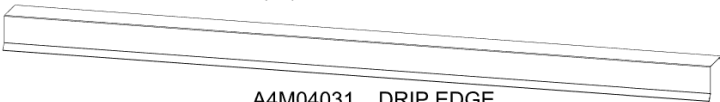
A4M04031   DRIP EDGE
(x2)
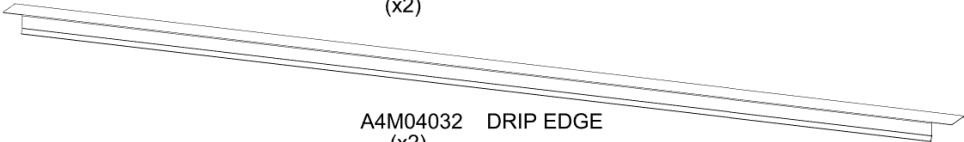
A4M04032   DRIP EDGE
(x2)
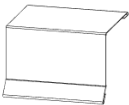
A4M03419   DRIP EDGE SPLICE
(x1)
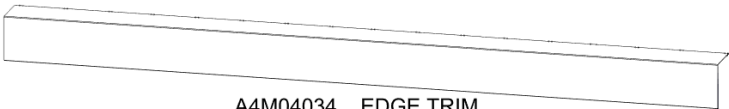
A4M04034   EDGE TRIM
(x2)
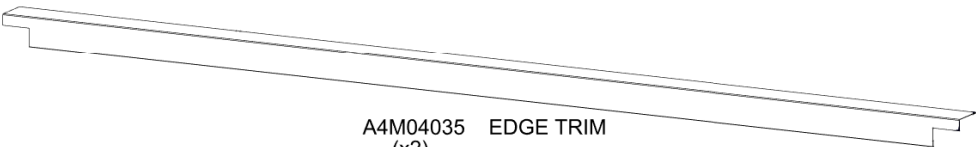
A4M04035   EDGE TRIM
(x2)
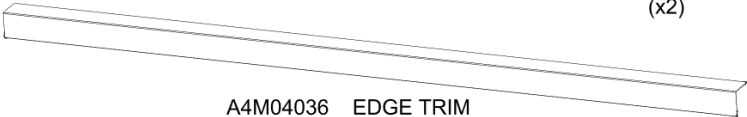
A4M04036   EDGE TRIM
(x2)
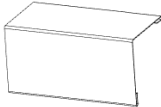
A4M03423   EDGE TRIM SPLICE
(x1)
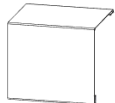
A4M03424   EDGE TRIM SPLICE
(x1)

A6P01009   POLY SHEET
(x1)

A6P01025   POLY SHEET
(x3)

A6P01068   POLY SHEET
(x2)

A6P01069   POLY SHEET
(x2)

A6P01072   POLY SHEET
(x1)

A6P01074   POLY SHEET
(x4)

A6P01076   POLY SHEET
(x4)

A6P01077   POLY SHEET
(x2)

A6P01085   POLY SHEET
(x1)

A6P01087   POLY SHEET
(x1)

A6P01088   POLY SHEET
(x1)

A6P01089   POLY SHEET
(x1)

OWNER'S MANUAL - PARTS IDENTIFICATION

ACCESSORY COMPONENTS (NOT TO SCALE)

A6P01004   POLY CHANNEL
(x2)

A6P01006   POLY CHANNEL
(x1)

A6P01007   POLY CHANNEL
(x3)

A6P01008   POLY CHANNEL
(x2)

A6P01014   POLY CHANNEL
(x12)

A6P01020   POLY CHANNEL
(x10)

A6P01023   POLY CHANNEL
(x2)

A6P01026   POLY CHANNEL
(x4)

A6P01031   POLY CHANNEL
(x2)

A6P01066   POLY CHANNEL
(x4)

A6P01067   POLY CHANNEL
(x4)

A6P01070   POLY CHANNEL
(x8)

A6P01071   POLY CHANNEL
(x2)

A6P01073   POLY CHANNEL
(x8)

A6P01079   POLY CHANNEL
(x2)

A6P01080   POLY CHANNEL
(x8)

A6P01081   POLY CHANNEL
(x4)

A6P01083   POLY CHANNEL
(x2)

A6P01084   POLY CHANNEL
(x1)

A6P01086   POLY CHANNEL
(x1)

A6P01075   POLY SHEET SPLICE
(x5)

A6P00796   SILICONE

OWNER'S MANUAL - PARTS IDENTIFICATION

H100513 BOLT WH BLK
(x27) 5/16x4-1/4

H100488 BOLT WH BLK
(x14) 1/4x2

H100415 BOLT WH BLK
(x26) 5/16x3-3/4

H100171 BOLT WH BLK
(x10) 1/4x1

H100503 BOLT WH BLK
(x4) 5/16x3-1/2

H100792 LAG SCREW WH BLK
(x12) 1/4x3

H100416 BOLT WH BLK
(x10) 5/16x3

H100456 LAG SCREW WH BLK
(x2) 1/4x2-1/2

H100653 NUT LOCK BLK
(x14) 1/4

H100195 BOLT WH BLK
(x24) 5/16x2-3/4

H100487 LAG SCREW WH BLK
(x8) 1/4x2

H100460 LAG SCREW WH BLK
(x4) 1/4x1

H100205 BOLT WH BLK
(x42) 5/16x2-1/4

H100193 NUT BARREL WH BLK
(x20) 5/16x1-1/2

H100399 NUT BARREL WH BLK
(x10) 1/4x7/8

H100378 BOLT WH BLK
(x16) 5/16x1-3/4

H100198 WASHER LOCK EXT BLK
(x151) 8x19

H100192 NUT BARREL WH BLK
(x4) 5/16x7/8

H100407 BOLT WH BLK
(x2) 5/16x1-1/2

H100405 WASHER LOCK EXT BLK
(x22) 6x15

H100630 WASHER FLAT BLK
(x14) 8x19

H100400 WASHER LOCK EXT BLK
(x10) 8x15

H100379 T-NUT BLK
(x127) 5/16

H101206 SCREW WOODGRIP
(x18) 10x1-1/4

H101165 CONCRETE ANCHOR 3/8"x3" BLK
(x6) 3/8x3

OWNER'S MANUAL - PARTS IDENTIFICATION

HARDWARE COMPONENTS

H100362 SCREW PFH BLK
(x6) 8x3

H100201 SCREW PFH BLK
(x63) 8x2-1/2

H100391 SCREW PFH BLK
(x93) 8x2

H100382 SCREW PFH BLK
(x160) 8x1-3/4

H100200 SCREW PFH BLK
(x118) 8x1-1/2

H100387 SCREW PFH BLK
(x16) 8x1-1/4

H100380 SCREW PFH BLK
(x60) 8x1-1/8

H100385 SCREW PFH BLK
(x26) 8x1

H100395 SCREW PFH BLK
(x4) 8x3/4

H100536 SCREW PWH BLK
(x4) 8x1-1/4

H100627 SCREW PFH BLK
(x4) 6x3/4

H100797 SCREW PWH BLK
(x10) 8x1

H100392 SCREW PWH BLK
(x14) 8x3/4

H100202 SCREW PWH BLK
(x9) 8x5/8

H101191 SCREW PFH BLK
(x13) 6x1

H101203 SCREW PWH BLK
(x38) 8x1 1/4

H101008 SCREW CONFIRMAT BLK
(x40) 7x3

H101114 RIGHT HAND
(x1) **DRILL ADAPTER**

H101106 SOCKET DRIVER
(x1)

H101100 MAGNETIC DRIVER
(x1)

H100147 TORX BIT
(x1) T-30

H101261 PHILLIPS EXTENSION BIT
(x1)

H100114 TORX WRENCH
(x1) T-30

H100764 SCREW SETTER
(x1)

PRE-ASSEMBLY STEP 1 - SORTING PARTS

It is critical for ease of assembly that you take the time to sort and organize the wood and hardware.

WOOD PARTS:

- Organize wood parts by the three-digit, alpha-numeric number stamped on each board (ex. P01).
- If there are multiple boards with the same stamped number, stack those pieces together.
- Stamps can be found on the flat surface of the boards or on the end of the boards.
- Allow yourself plenty of room - the wood pieces can take up a significant amount of space.

NOTE: CARTONS ARE NOT ORGANIZED BY BOARD OR STEP NUMBER.

HARDWARE PARTS:

- We recommend that you have a separate table to organize the hardware.
- Hardware bags are printed with a seven-digit, alpha-numeric part number.
- You can organize your hardware by part number or group by hardware type (e.g. bolts, nuts, etc.).
- During assembly you only need to reference the last four digits of the number.

H100194 | BOLT WH
(x2) | 5/16 x 2-1/2
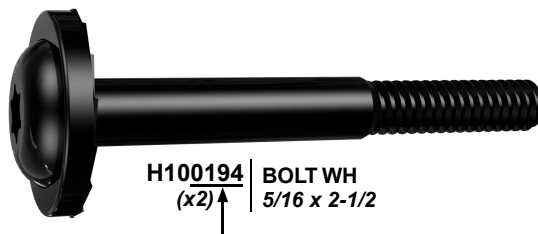
PRE-ASSEMBLY STEP 2 - TOOLS REQUIRED

Drill Attachments: Phillips Head

1/8", 3/16", 3/8" & 7/16" Drill Bits
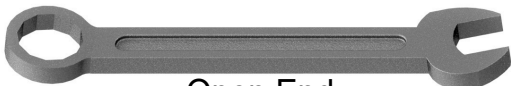
Open End Wrenches 1/2" & 9/16"

3/8" Drive Ratchet, 1/2" & 7/16" STD Sockets 1/2" & 7/16" Deep Sockets

Cordless Drill or Electric Drill

Phillips Screw Driver

Claw Hammer

Rubber Mallet - Optional
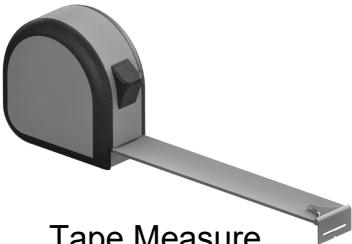
Tape Measure
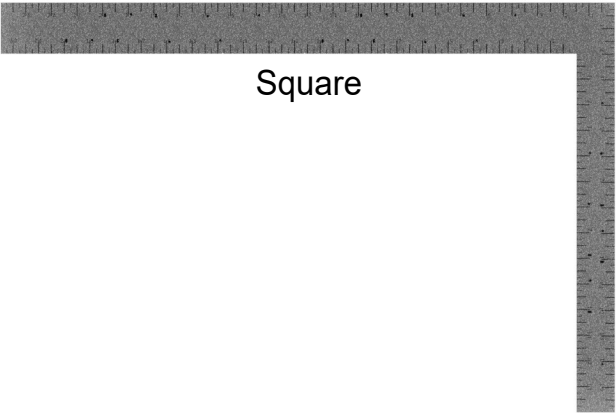
Square

Level 24"

PRE-ASSEMBLY STEP 3 - CHOOSE YOUR ASSEMBLY METHOD

<u>There are several types of assembly instructions available to you.</u>
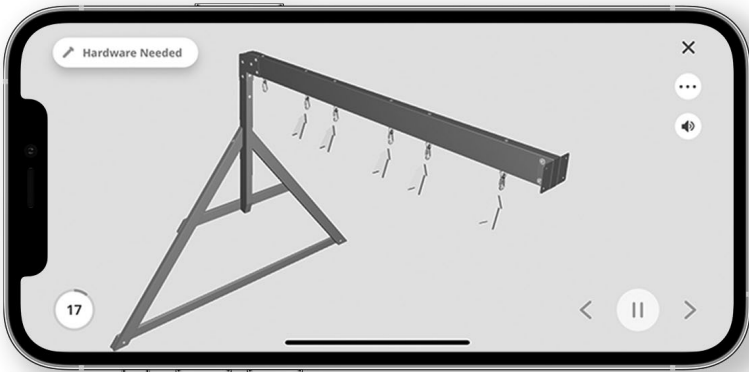
1. Printed Assembly Manual included with your set
2. BILT APP - 3D interactive instructions
3. Combination of the Printed Manual and BILT APP (Note: Step numbers can differ between the two methods)

POLYCARBONATE SHEETING INFORMATION - IMPORTANT!

The Polycarbonate Sheeting has UV protection on ONE (1) SIDE.

CRITICAL to install with the UV protection facing the OUTSIDE

- Wear safety gloves to protect against any sharp edges during handling or install.

- Do NOT use knife or sharp object to remove protective film as it may result in damage to polycarbonate sheeting

- Leave film on during install to ensure UV side is facing outside.

- Peel protective film back from edges approximately 2" (5cm) during installation.

- Remove film completely after installation.

NOTE: Do not store polycarbonate sheeting with film outside in direct sunlight or rain. It may make removal of film more difficult.

STEP 4 - BACK WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
5	H100195	BOLT WH 5/16x2 3/4 BLK
15	H100198	WASHER LOCK EXT 8x19
10	H100205	BOLT WH 5/16x2 1/4 BLK
15	H100379	TNUT-5/16" BLK

AG01   HEADER - W4L20632
(x2)   1 7/16"x5 13/16"x65 1/2" (36x148x1664)
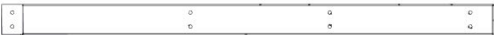
H03   RUNNING BOARD - W4L20598
(x2)   15/16"x3 3/8"x55 3/16" (24x86x1402)

F09   UPRIGHT - W4L20607
(x3)   1 7/16"2 3/8"x85 1/4" (36x60x2166)

F15   UPRIGHT - W4L20639
(x2)   1 7/16"2 3/8"x85 1/4" (36x60x2166)

- THE USE OF SAWHORSES IS RECOMMENDED
  DURING THE ASSEMBLY OF ALL WALL ASSEMBLIES.
- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

205 (x10)
BOLT - 2 1/4"

198 (x15)
WASHER - 8x19

NOTE ORIENTATION OF PILOT HOLES ON H03.

THE SIDE OF F09 & F15 WITH
THREE PILOT HOLES IN THIS
AREA FACES OUT AS SHOWN.

379 (x15)
TNUT-5/16"

F09 (x1)
UPRIGHT

F15 (x1)
UPRIGHT

F09 (x1)
UPRIGHT

F15 (x1)
UPRIGHT

F09 (x1)
UPRIGHT

H03 (x2)
RUNNING BOARD
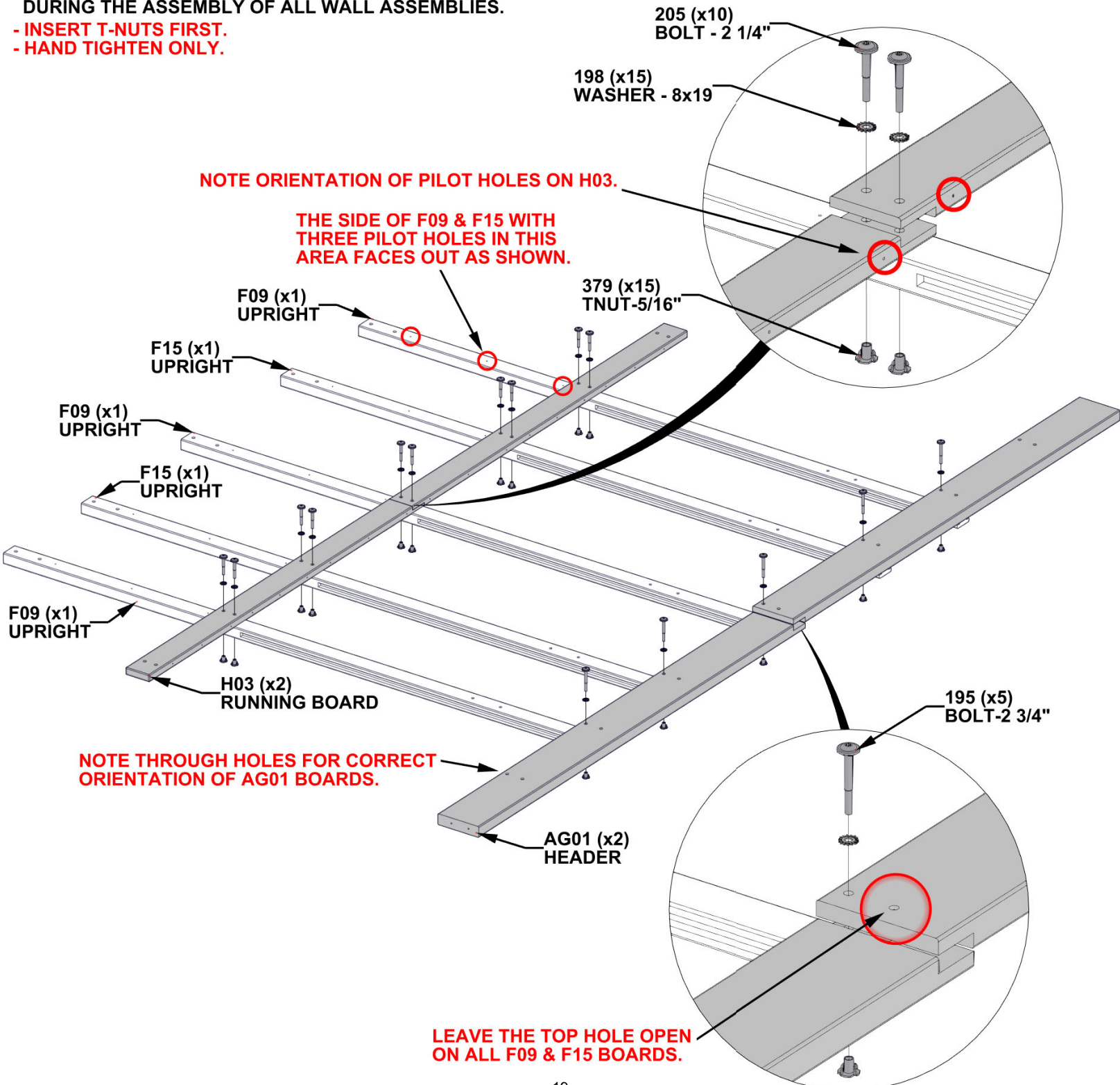
NOTE THROUGH HOLES FOR CORRECT
ORIENTATION OF AG01 BOARDS.

195 (x5)
BOLT-2 3/4"

AG01 (x2)
HEADER

LEAVE THE TOP HOLE OPEN
ON ALL F09 & F15 BOARDS.

STEP 5 - BACK WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100193	NUT BARREL WH 5/16 X 1 1/2 BLK
10	H100198	WASHER LOCK EXT 8x19
8	H100205	BOLT WH 5/16x2 1/4 BLK
8	H100379	TNUT-5/16" BLK
2	H100407	BOLT WH 5/16x1 1/2 BLK

G03   BASE BOARD - W4L20597
(x2)   15/16"x5 1/4"x55 3/16" (24x134x1402)

A4M02096   BRACKET
(x1)

- INSERT T-NUTS FIRST.

205 (x8)
BOLT - 2 1/4"

407 (x2)
BOLT - 1 1/2"

198 (x10)
WASHER - 8x19

379 (x8)
TNUT-5/16"

2096 (x1)
BRACKET

193 (x2)
BARREL NUT - 1 1/2"

G03 (x2)
BASE BOARD
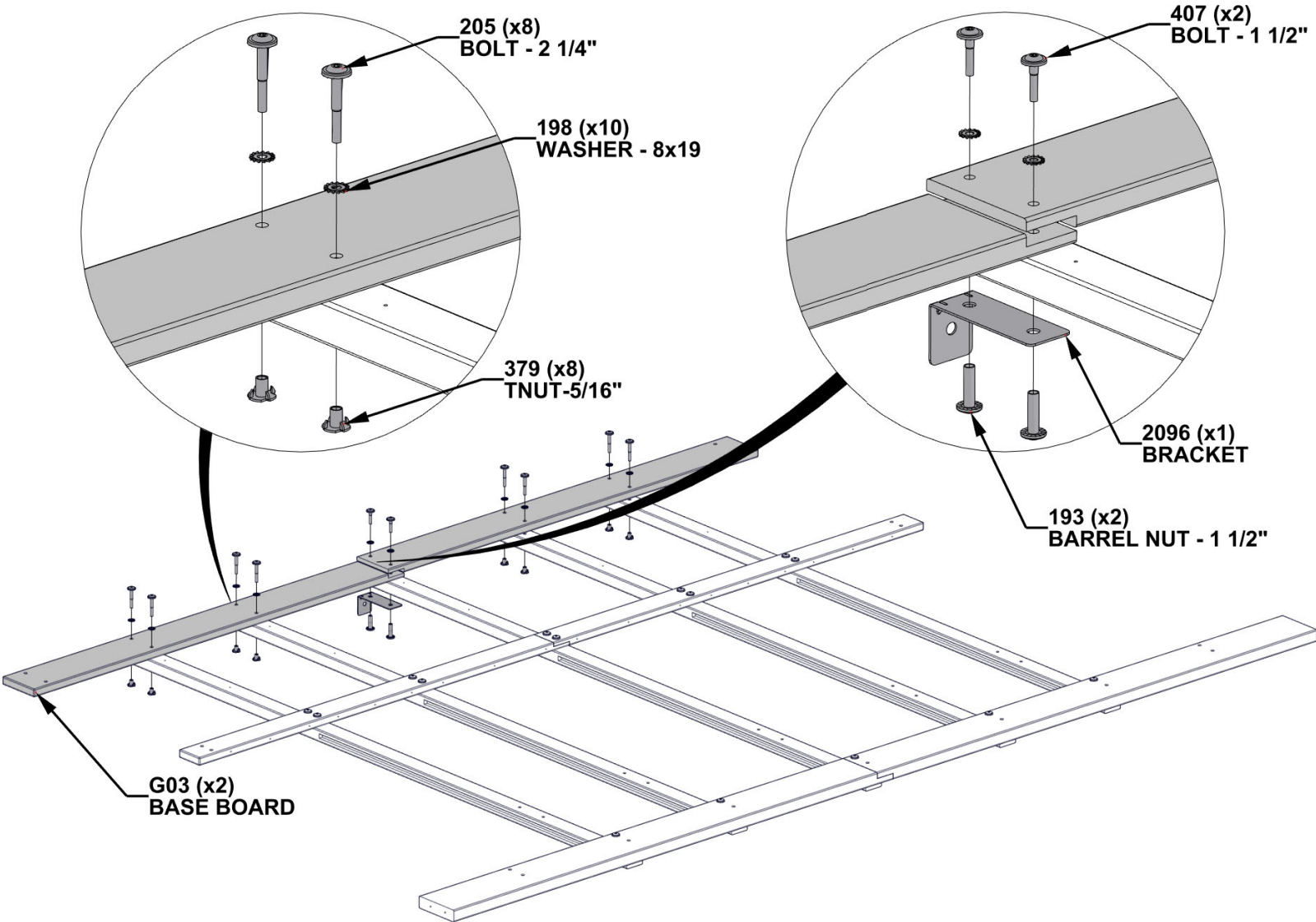
STEP 6 - BACK WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100198	WASHER LOCK EXT 8x19
12	H100379	TNUT-5/16" BLK
8	H100415	BOLT WH 5/16x3 3/4 BLK
4	H100513	BOLT WH 5/16x4 1/4 BLK

B06   POST - W4L20585
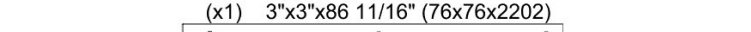(x1)   3"x3"x86 11/16" (76x76x2202)

B09   POST - W4L20615
(x1)   3"x3"x86 11/16" (76x76x2202)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

415 (x8)
BOLT - 3 3/4"

B09 (x1)
POST

B06 (x1)
POST

513 (x4)
BOLT - 4 1/4"

198 (x12)
WASHER - 8x19

379 (x12)
TNUT-5/16"

NOTE GROOVES FOR CORRECT
ORIENTATION OF B06 & B09.
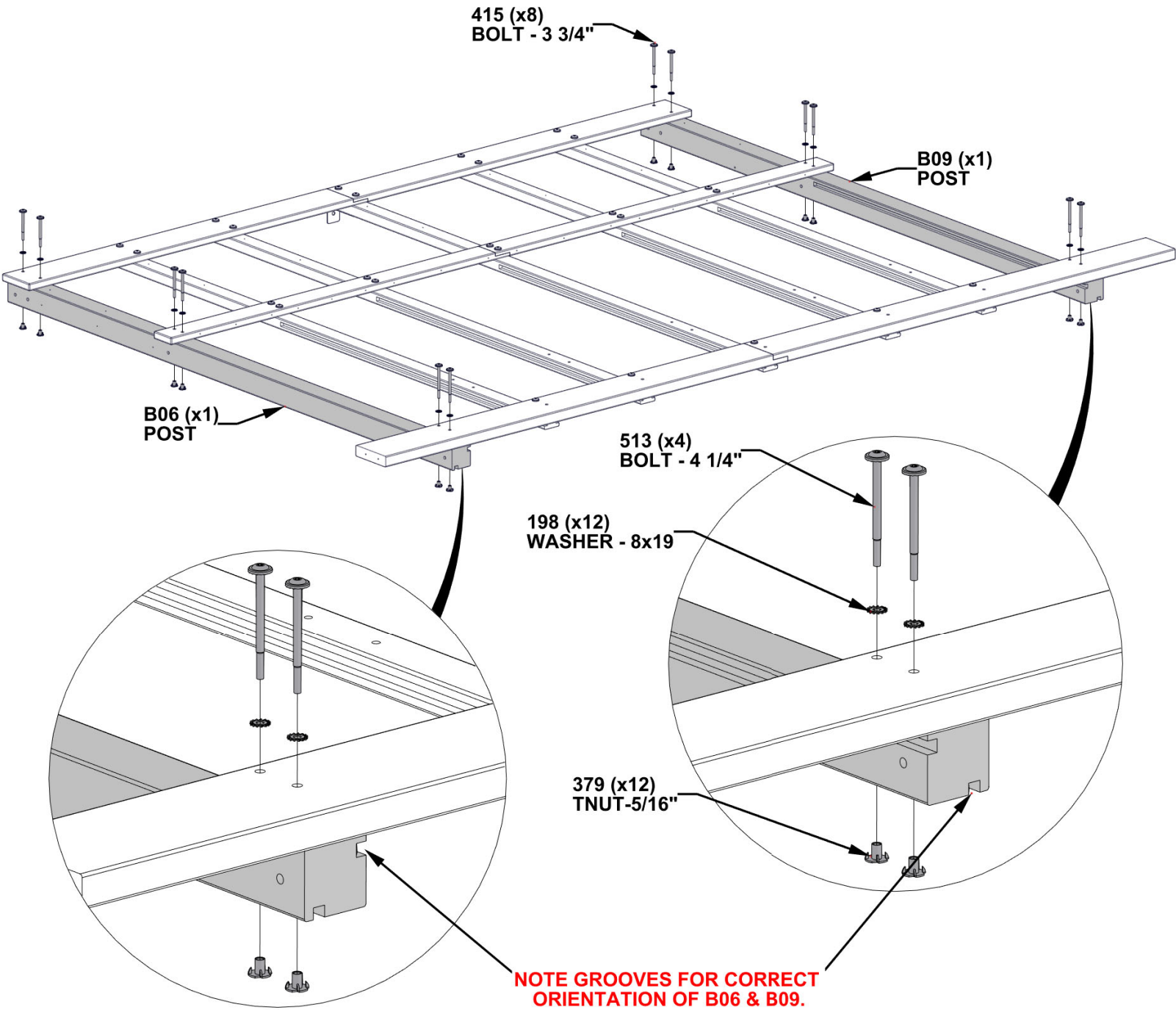
STEP 7 - BACK WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
5	H100193	NUT BARREL WH 5/16 X 1 1/2 BLK
5	H100198	WASHER LOCK EXT 8x19
5	H100378	BOLT WH 5/16x1 3/4 BLK

A4M02093   RAFTER BRACKET
(x5)

- HAND TIGHTEN ONLY.

378 (x5)
BOLT - 1 3/4"

198 (x5)
WASHER - 8x19
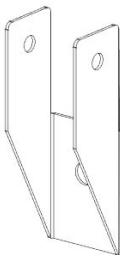
2093 (x5)
RAFTER BRACKET

193 (x5)
BARREL NUT - 1 1/2"
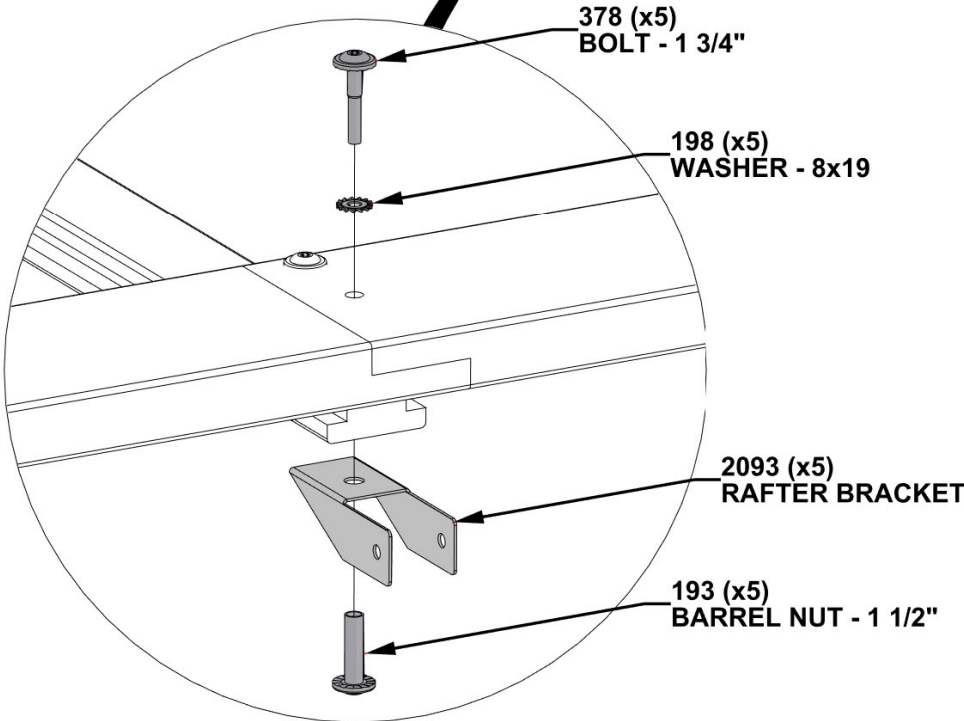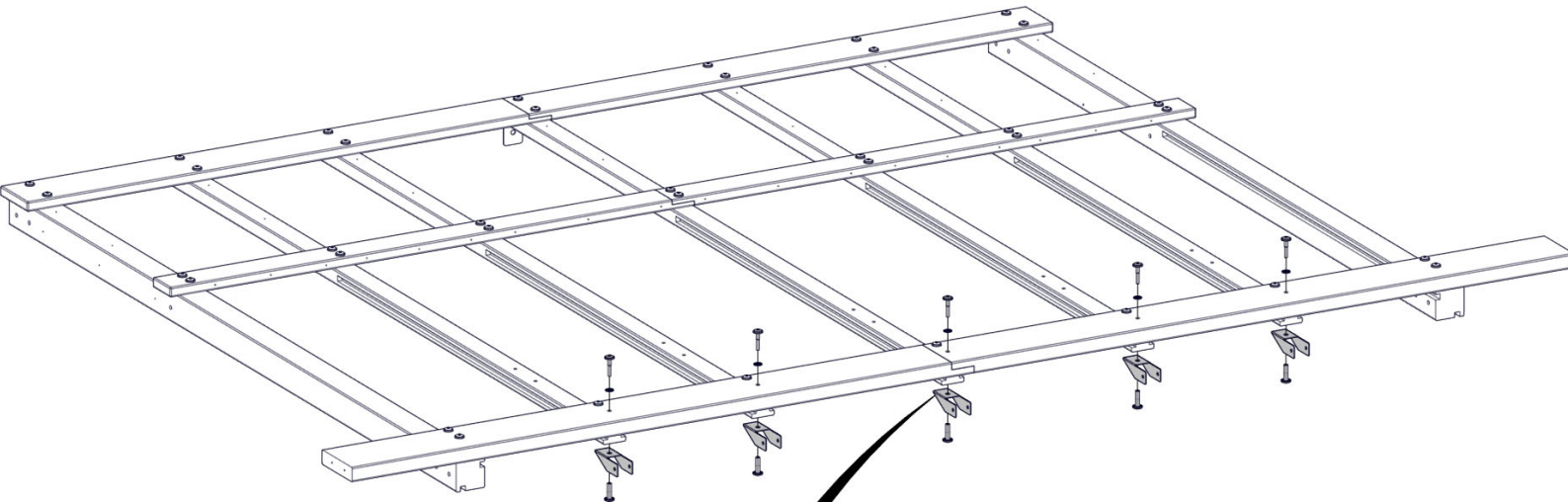
SET ASSEMBLY ASIDE FOR FUTURE STEP.

STEP 8 - SIDE WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8x19
4	H100205	BOLT WH 5/16x2 1/4 BLK
8	H100379	TNUT-5/16" BLK
4	H100415	BOLT WH 5/16x3 3/4 BLK

B11   POST - W4L20619
(x1)   3"x3"x88 9/16" (76x76x2250)

F04   UPRIGHT - W4L20582
(x1)   1 7/16"x2 3/8"x86 11/16" (36x60x2202)

H02   RUNNING BOARD - W4L20586
(x1)   15/16"x3 3/8"x64 7/16" (24x86x1637)

G02   BASE BOARD - W4L20584
(x1)   15/16"x5 1/4"x64 7/16" (24x134x1637)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

415 (x4)
BOLT - 3 3/4"

198 (x8)
WASHER - 8x19

NOTE ORIENTATION OF
PILOT HOLES ON H02.

THE SIDE OF THE UPRIGHTS WITH
THREE PILOT HOLES IN THIS
AREA FACES OUT AS SHOWN.

205 (x4)
BOLT - 2 1/4"

B11 (x1)
POST

379 (x8)
TNUT-5/16"

G02 (x1)
BASE BOARD

H02 (x1)
RUNNING BOARD

F04 (x1)
UPRIGHT
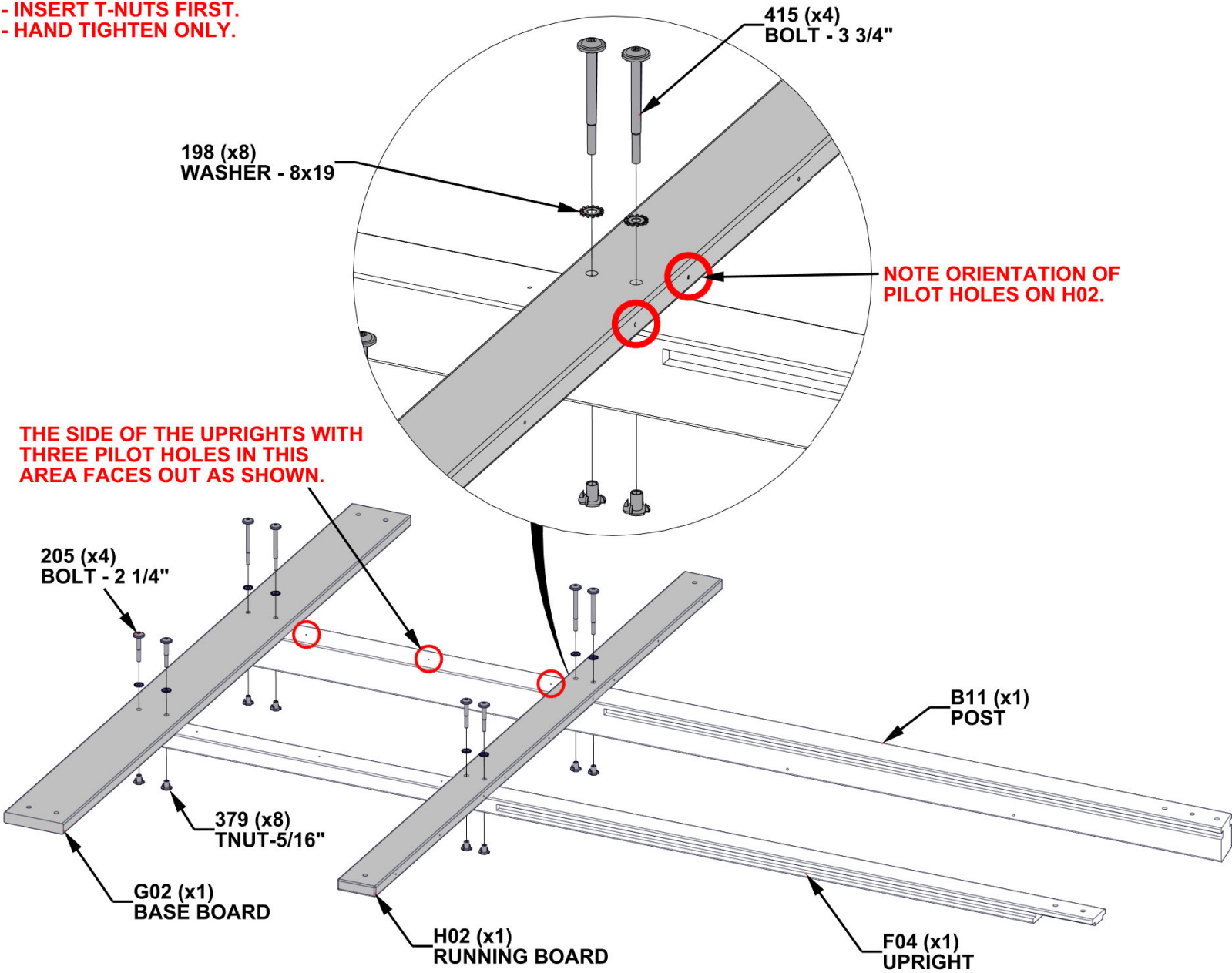
STEP 9 - SIDE WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100195	BOLT WH 5/16x2 3/4 BLK
4	H100198	WASHER LOCK EXT 8x19
4	H100379	TNUT-5/16" BLK
2	H100513	BOLT WH 5/16x4 1/4 BLK

D06 HEADER - W4L20583
(x1) 1 7/16"x5 1/4"x64 7/16" (36x134x1637)

F05 UPRIGHT TOP - W4L20594
(x1) 1 7/16"x2 3/8"x10 3/4" (36x60x273)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

513 (x2)
BOLT - 4 1/4"

D06 (x1)
HEADER

NOTE PILOT HOLES FOR CORRECT ORIENTATION OF D06.

195 (x2)
BOLT-2 3/4"

198 (x4)
WASHER - 8x19

F05 (x1)
UPRIGHT TOP

379 (x4)
TNUT-5/16"
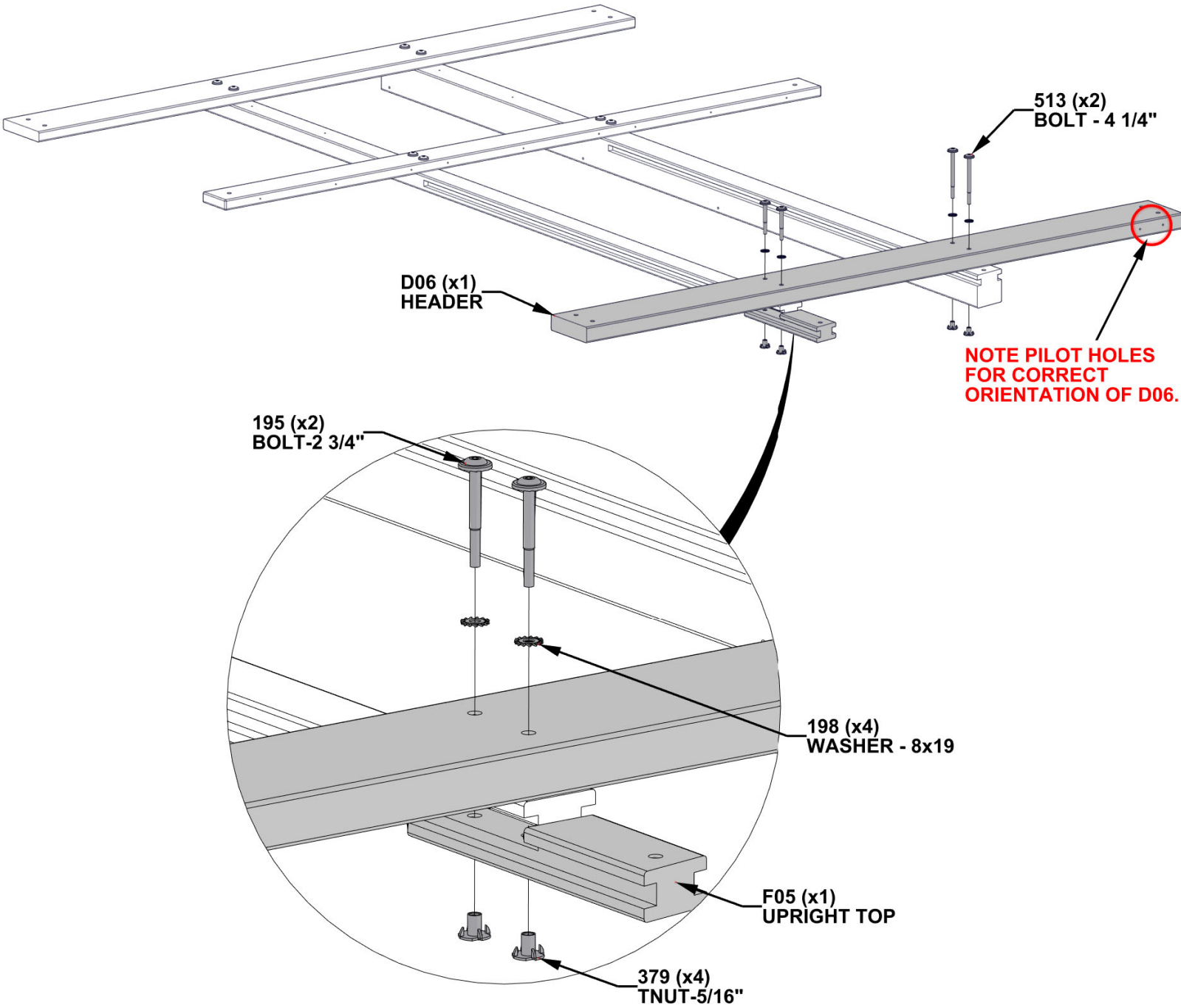
STEP 10 - SIDE WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
1	H100195	BOLT WH 5/16x2 3/4 BLK
2	H100198	WASHER LOCK EXT 8x19
2	H100379	TNUT-5/16" BLK
1	H100513	BOLT WH 5/16x4 1/4 BLK
2	H101008	SCREW CONFIRMAT 7x3 BLK

D07   HEADER - W4L20595
(x1)   1 7/16"x5 1/4"x65 9/16" (36x134x1666)
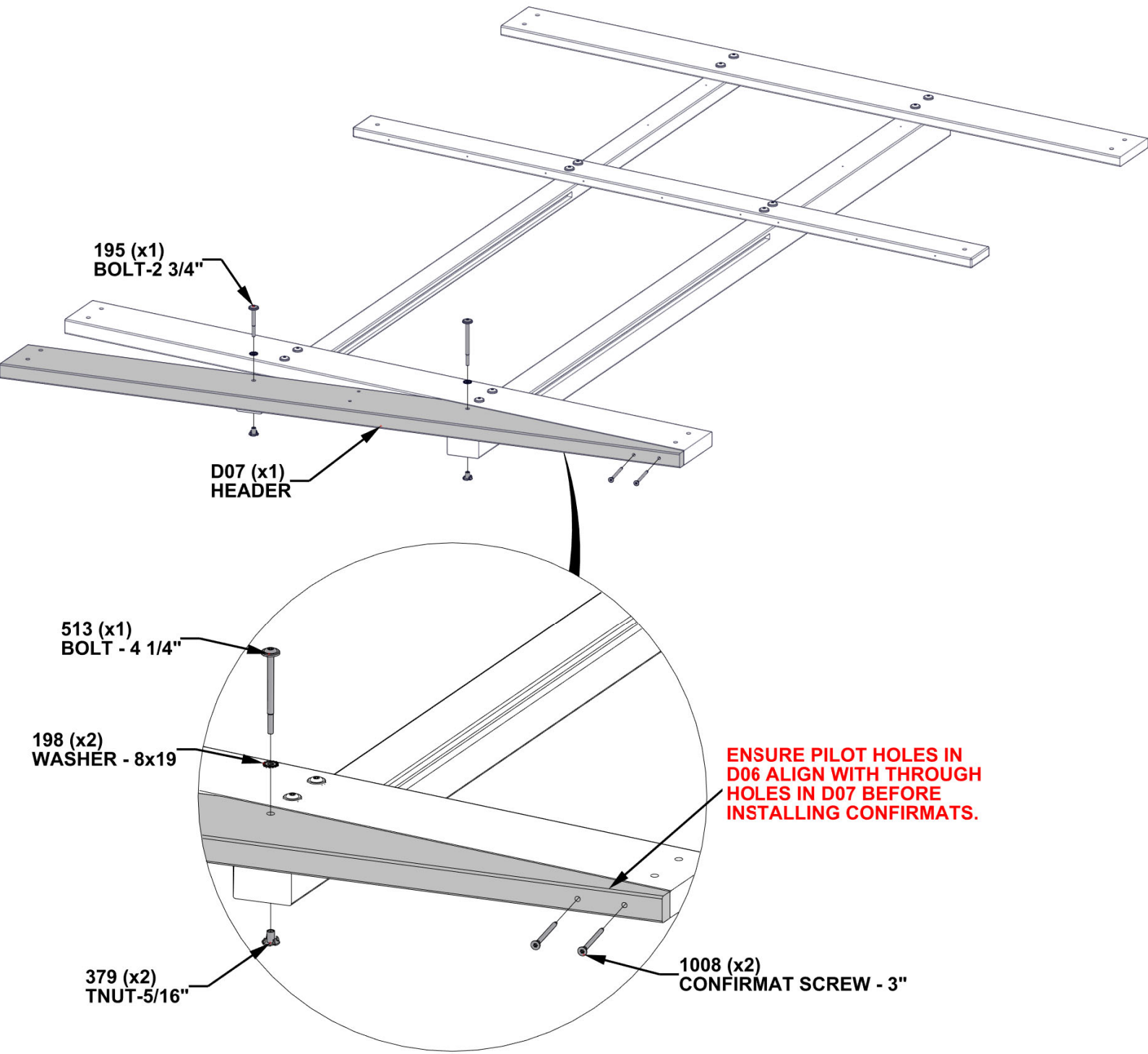
- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

195 (x1)
BOLT-2 3/4"

D07 (x1)
HEADER

513 (x1)
BOLT - 4 1/4"

198 (x2)
WASHER - 8x19

ENSURE PILOT HOLES IN
D06 ALIGN WITH THROUGH
HOLES IN D07 BEFORE
INSTALLING CONFIRMATS.

379 (x2)
TNUT-5/16"

1008 (x2)
CONFIRMAT SCREW - 3"

STEP 11 - GREENHOUSE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100193	NUT BARREL WH 5/16 X 1 1/2 BLK
5	H100198	WASHER LOCK EXT 8x19
3	H100379	TNUT-5/16" BLK
1	H100415	BOLT WH 5/16x3 3/4 BLK
2	H100416	BOLT WH 5/16x3 BLK
2	H100513	BOLT WH 5/16x4 1/4 BLK

A4M02503   ANCHOR BRACKET
(x1)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

513 (x2)
BOLT - 4 1/4"
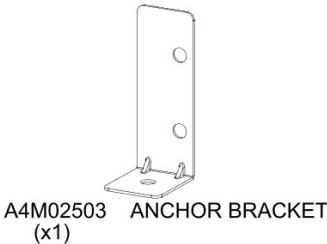
198 (x5)
WASHER - 8x19

STAND UP THE SIDE AND BACK
ASSEMBLIES AND BOLT TOGETHER.

SIDE ASSEMBLY
FROM STEP 10

379 (x3)
TNUT-5/16"

415 (x1)
BOLT - 3 3/4"

416 (x2)
BOLT - 3"

193 (x2)
BARREL NUT - 1 1/2"

BACK ASSEMBLY
FROM STEP 7

2503 (x1)
ANCHOR BRACKET

26

STEP 12 - SIDE WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100198	WASHER LOCK EXT 8x19
8	H100205	BOLT WH 5/16x2 1/4 BLK
8	H100379	TNUT-5/16" BLK

F12 UPRIGHT - W4L20620
(x1) 1 7/16"x2 3/8"x86 11/16" (36x60x2202)

F06 UPRIGHT - W4L20596
(x1) 1 7/16"x2 3/8"x88 9/16" (36x60x2250)

H02 RUNNING BOARD - W4L20586
(x1) 15/16"x3 3/8"x64 7/16" (24x86x1637)

G02 BASE BOARD - W4L20584
(x1) 15/16"x5 1/4"x64 7/16" (24x134x1637)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

205 (x8)
BOLT - 2 1/4"

198 (x8)
WASHER - 8x19

NOTE ORIENTATION OF
PILOT HOLES ON H02.

379 (x8)
TNUT-5/16"

G02 (x1)
BASE BOARD

H02 (x1)
RUNNING BOARD

THE SIDE OF F06 & F12 WITH
THREE PILOT HOLES IN THIS
AREA FACES OUT AS SHOWN.

F12 (x1)
UPRIGHT

F06 (x1)
UPRIGHT
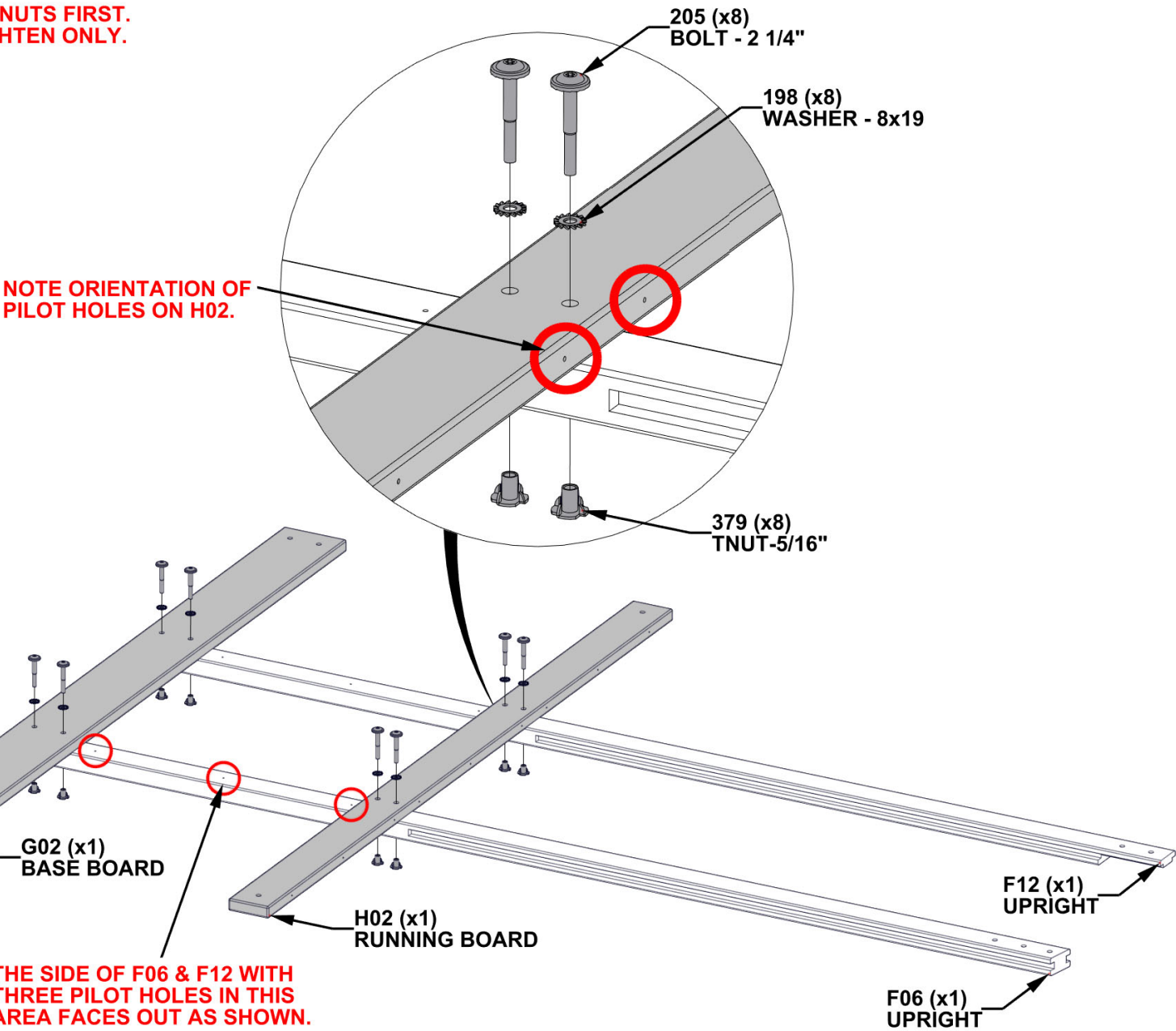
STEP 13 - SIDE WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100195	BOLT WH 5/16x2 3/4 BLK
4	H100198	WASHER LOCK EXT 8x19
4	H100379	TNUT-5/16" BLK

D08   HEADER - W4L20616
(x1)   1 7/16"x5 1/4"x64 7/16" (36x134x1637)
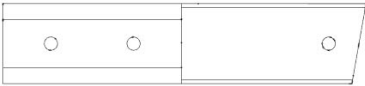
F13   UPRIGHT TOP - W4L20622
(x1)   1 7/16"x2 3/8"x10 3/4" (36x60x273)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

**NOTE PILOT HOLES
FOR CORRECT
ORIENTATION OF D08.**

**D08 (x1)
HEADER**

**F13 (x1)
UPRIGHT TOP**

**195 (x4)
BOLT-2 3/4"**

**198 (x4)
WASHER - 8x19**

**379 (x4)
TNUT-5/16"**
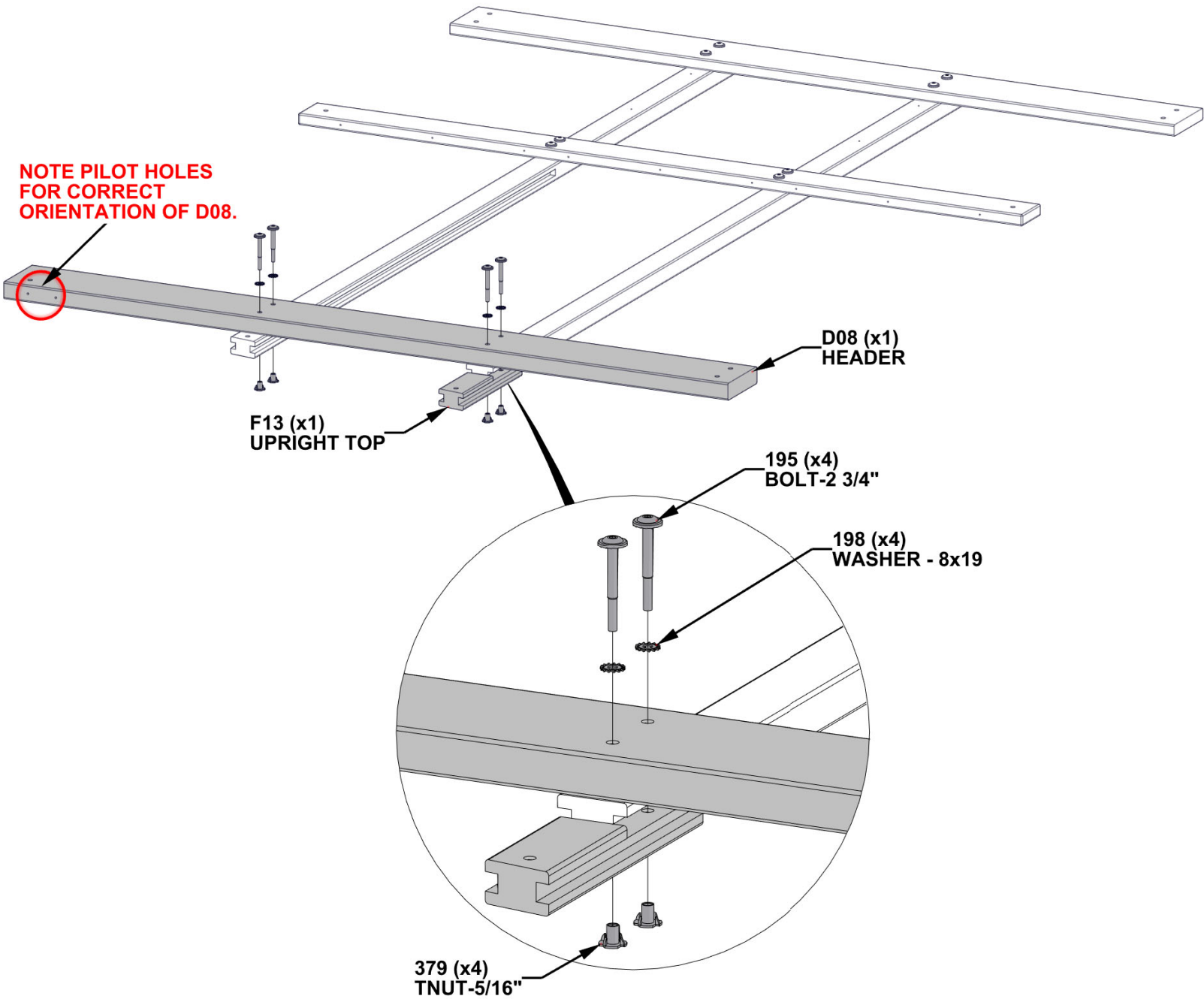
STEP 14 - SIDE WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100195	BOLT WH 5/16x2 3/4 BLK
2	H100198	WASHER LOCK EXT 8x19
2	H100379	TNUT-5/16" BLK
2	H101008	SCREW CONFIRMAT 7x3 BLK

D09   HEADER - W4L20617
(x1)   1 7/16"x5 1/4"x65 9/16" (36x134x1666)
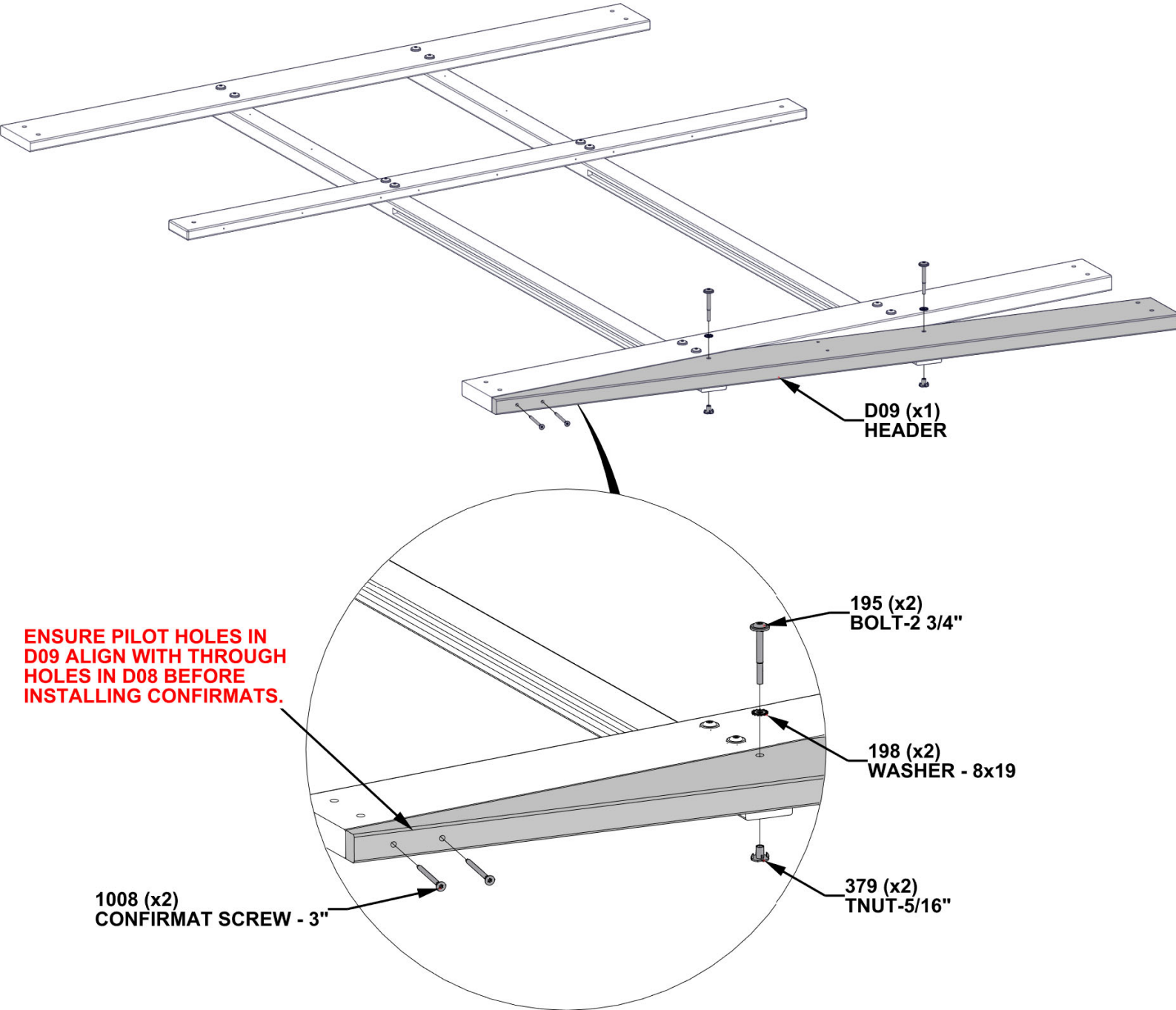
- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

D09 (x1)
HEADER

ENSURE PILOT HOLES IN D09 ALIGN WITH THROUGH HOLES IN D08 BEFORE INSTALLING CONFIRMATS.

195 (x2)
BOLT-2 3/4"

198 (x2)
WASHER - 8x19

379 (x2)
TNUT-5/16"

1008 (x2)
CONFIRMAT SCREW - 3"

STEP 15 - GREENHOUSE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100193	NUT BARREL WH 5/16 X 1 1/2 BLK
5	H100198	WASHER LOCK EXT 8x19
3	H100379	TNUT-5/16" BLK
1	H100415	BOLT WH 5/16x3 3/4 BLK
2	H100416	BOLT WH 5/16x3 BLK
2	H100513	BOLT WH 5/16x4 1/4 BLK

A4M02502   ANCHOR BRACKET
(x1)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

513 (x2)
BOLT - 4 1/4"

198 (x5)
WASHER - 8x19

STAND UP AND ATTACH SIDE
ASSEMBLY AS SHOWN.

379 (x3)
TNUT-5/16"

SIDE ASSEMBLY
FROM STEP 14

415 (x1)
BOLT - 3 3/4"

416 (x2)
BOLT - 3"

193 (x2)
BARREL NUT - 1 1/2"

2502 (x1)
ANCHOR BRACKET
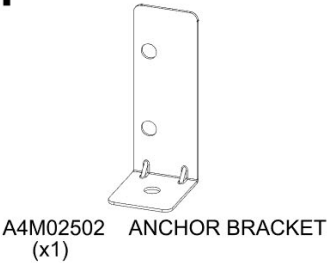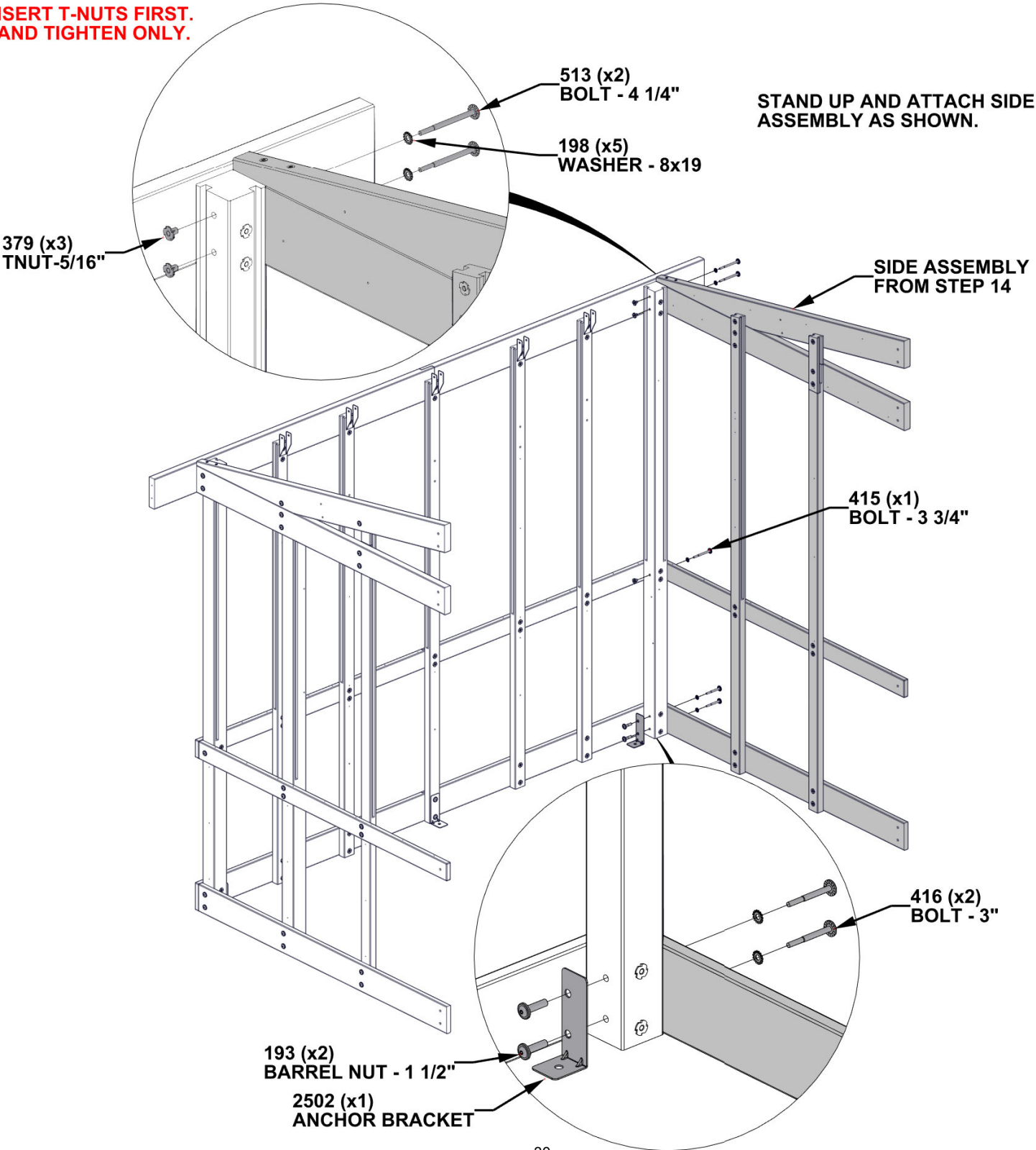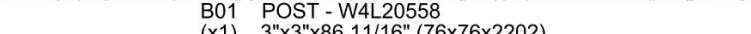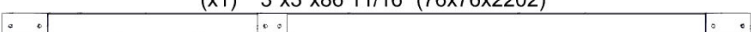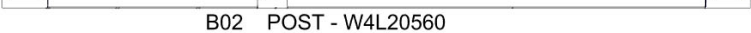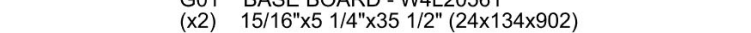
STEP 16 - FRONT WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100193	NUT BARREL WH 5/16 X 1 1/2 BLK
4	H100195	BOLT WH 5/16x2 3/4 BLK
8	H100198	WASHER LOCK EXT 8x19
4	H100205	BOLT WH 5/16x2 1/4 BLK
4	H100379	TNUT-5/16" BLK

B01   POST - W4L20558
(x1)   3"x3"x86 11/16" (76x76x2202)

B02   POST - W4L20560
(x1)   3"x3"x86 11/16" (76x76x2202)

G01   BASE BOARD - W4L20561
(x2)   15/16"x5 1/4"x35 1/2" (24x134x902)

H01   RUNNING BOARD - W4L20559
(x2)   15/16"x3 3/8"x35 1/2" (24x86x902)

A4M02096   BRACKET
(x2)

A4M02526   DOOR BRACKET
(x1)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

195 (x4)
BOLT-2 3/4"

NOTE ORIENTATION OF PILOT HOLES ON H01.

205 (x4)
BOLT - 2 1/4"

198 (x8)
WASHER - 8x19

2526 (x1)
DOOR BRACKET

379 (x4)
TNUT-5/16"

2096 (x2)
BRACKET

193 (x4)
BARREL NUT - 1 1/2"

H01 (x2)
RUNNING BOARD

G01 (x2)
BASE BOARD

B01 (x1)
POST

ENSURE CORRECT ORIENTATION OF H01 AND G01 BOARDS WITH ENDS FLUSH WITH POSTS.

B02 (x1)
POST

STEP 17 - FRONT WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100198	WASHER LOCK EXT 8x19
4	H100379	T-NUT 5/16 BLK
4	H100503	BOLT WH 5/16x3 1/2 BLK
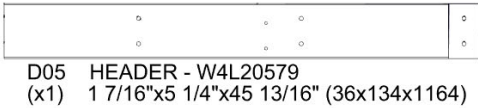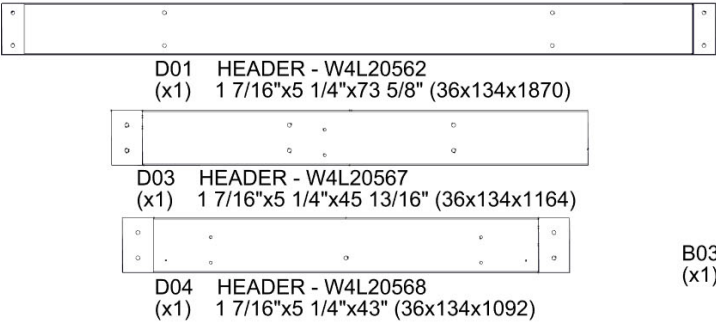
D01   HEADER - W4L20562
(x1)   1 7/16"x5 1/4"x73 5/8" (36x134x1870)

D03   HEADER - W4L20567
(x1)   1 7/16"x5 1/4"x45 13/16" (36x134x1164)

D04   HEADER - W4L20568
(x1)   1 7/16"x5 1/4"x43" (36x134x1092)

D05   HEADER - W4L20579
(x1)   1 7/16"x5 1/4"x45 13/16" (36x134x1164)

B03   POST TOP - W4L20564
(x1)   3"x3"x16 13/16" (76x76x427)

B04   POST TOP - W4L20565
(x1)   3"x3"x16 13/16" (76x76x427)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.
- NOTE NOTCHES FOR CORRECT
  ORIENTATION OF ALL BOARDS. THIS
  IS CRITICAL FOR LATER STEPS.
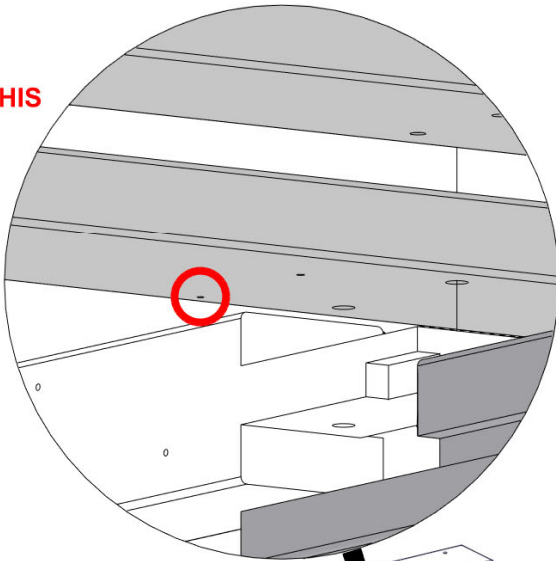
ORIENT PILOT HOLES ON
BACK OF D01 AS SHOWN.

D01 (x1)
HEADER

D05 (x1)
HEADER

B03 (x1)
POST TOP

D04 (x1)
HEADER

D03 (x1)
HEADER

B04 (x1)
POST TOP

DO NOT INSERT HARDWARE
IN HIGHLIGHTED HOLES.

503 (x4)
BOLT - 3 1/2"

198 (x4)
WASHER - 8x19

THROUGH HOLE
TOWARDS THE
BOTTOM ON D04.

379 (x4)
T-NUT - 5/16"
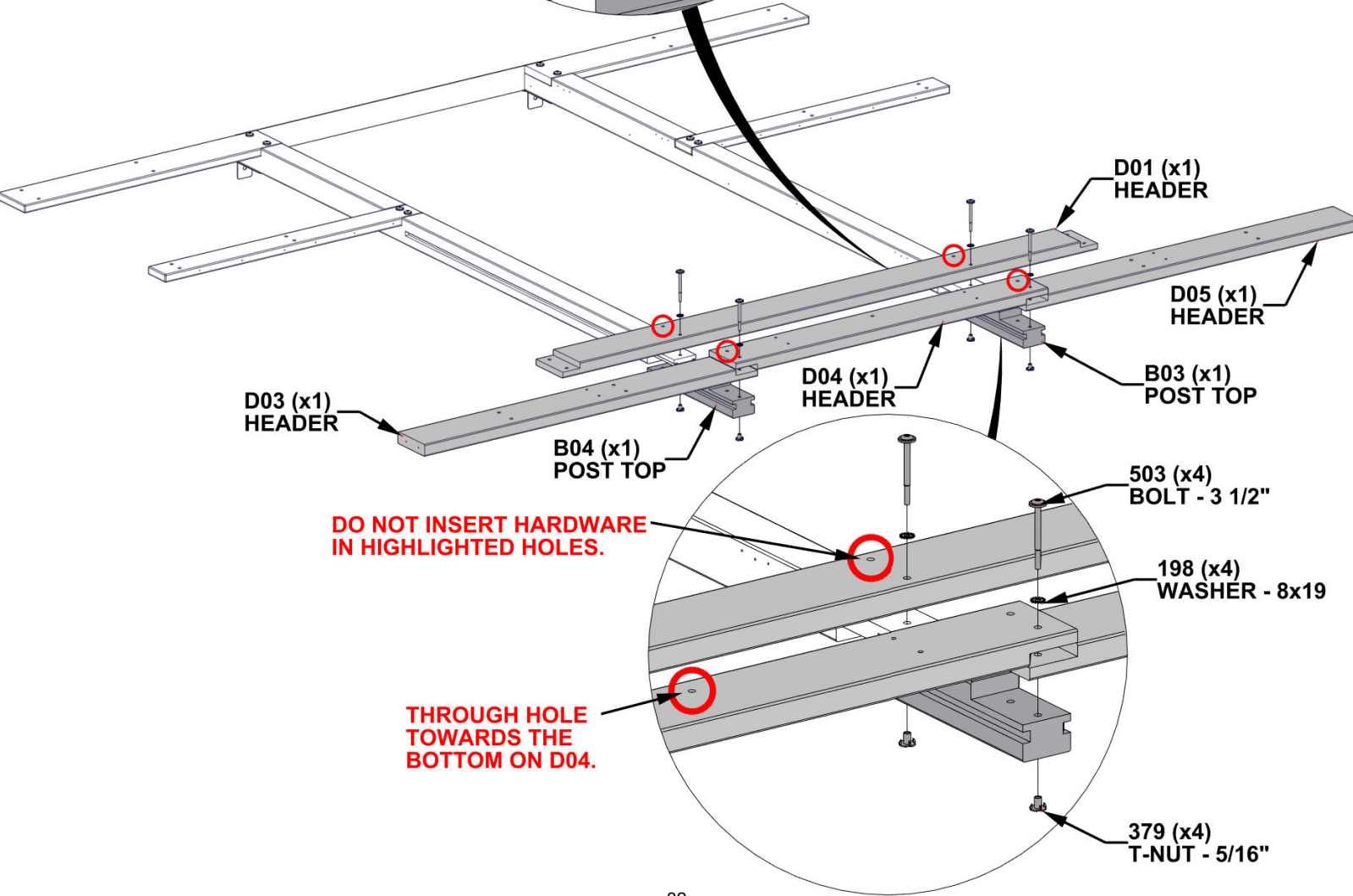
STEP 18 - FRONT WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H100195	BOLT WH 5/16x2 3/4 BLK
14	H100198	WASHER LOCK EXT 8x19
8	H100205	BOLT WH 5/16x2 1/4 BLK
14	H100379	TNUT-5/16" BLK

D02   HEADER - W4L20563
(x2)   1 7/16"x5 1/4"x20 1/16" (36x134x509)

F01   UPRIGHT - W4L20557
(x2)   1 7/16"x2 3/8"x86 11/16" (36x60x2202)

F02   UPRIGHT TOP - W4L20566
(x2)   1 7/16"x2 3/8"x16 13/16" (36x60x427)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

NOTE NOTCHES FOR CORRECT ORIENTATION OF ALL BOARDS. THIS IS CRITICAL FOR LATER STEPS.

205 (x8)
BOLT - 2 1/4"

F01 (x2)
UPRIGHT

D02 (x2)
HEADER

F02 (x2)
UPRIGHT TOP

195 (x6)
BOLT-2 3/4"

198 (x14)
WASHER - 8x19

379 (x14)
TNUT-5/16"

DO NOT INSERT HARDWARE
IN HIGHLIGHTED HOLES.

33
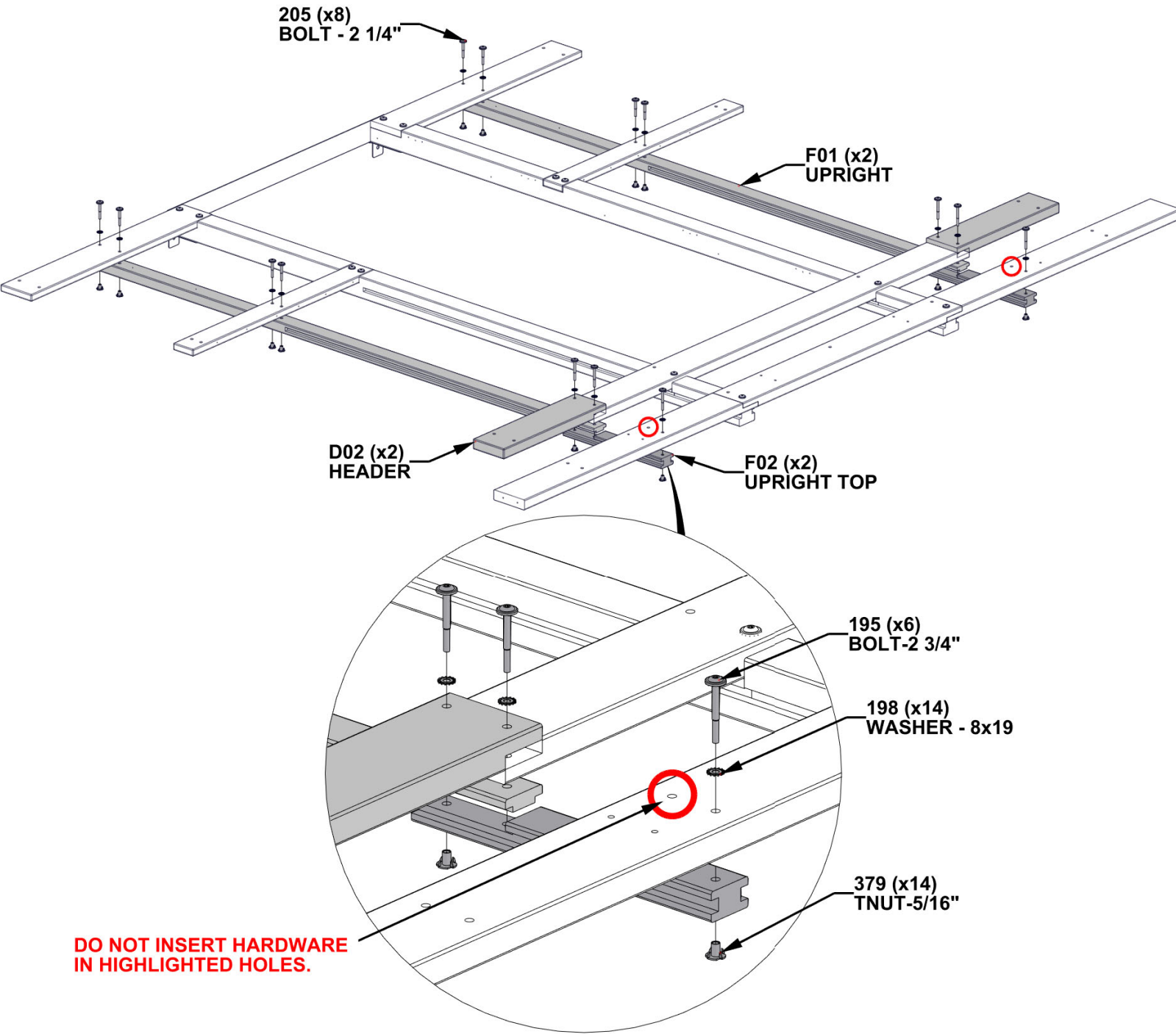
STEP 19 - FRONT WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
16	H100198	WASHER LOCK EXT 8x19
16	H100379	TNUT-5/16" BLK
8	H100415	BOLT WH 5/16x3 3/4 BLK
8	H100513	BOLT WH 5/16x4 1/4 BLK

B05 POST - W4L20581
(x1) 3"x3"x84 1/16" (76x76x2135)

B07 POST TOP - W4L20601
(x1) 3"x3"x14 3/16" (76x76x360)

B08 POST - W4L20613
(x1) 3"x3"x84 1/16" (76x76x2135)

B10 POST TOP - W4L20618
(x1) 3"x3"x14 3/16" (76x76x360)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.
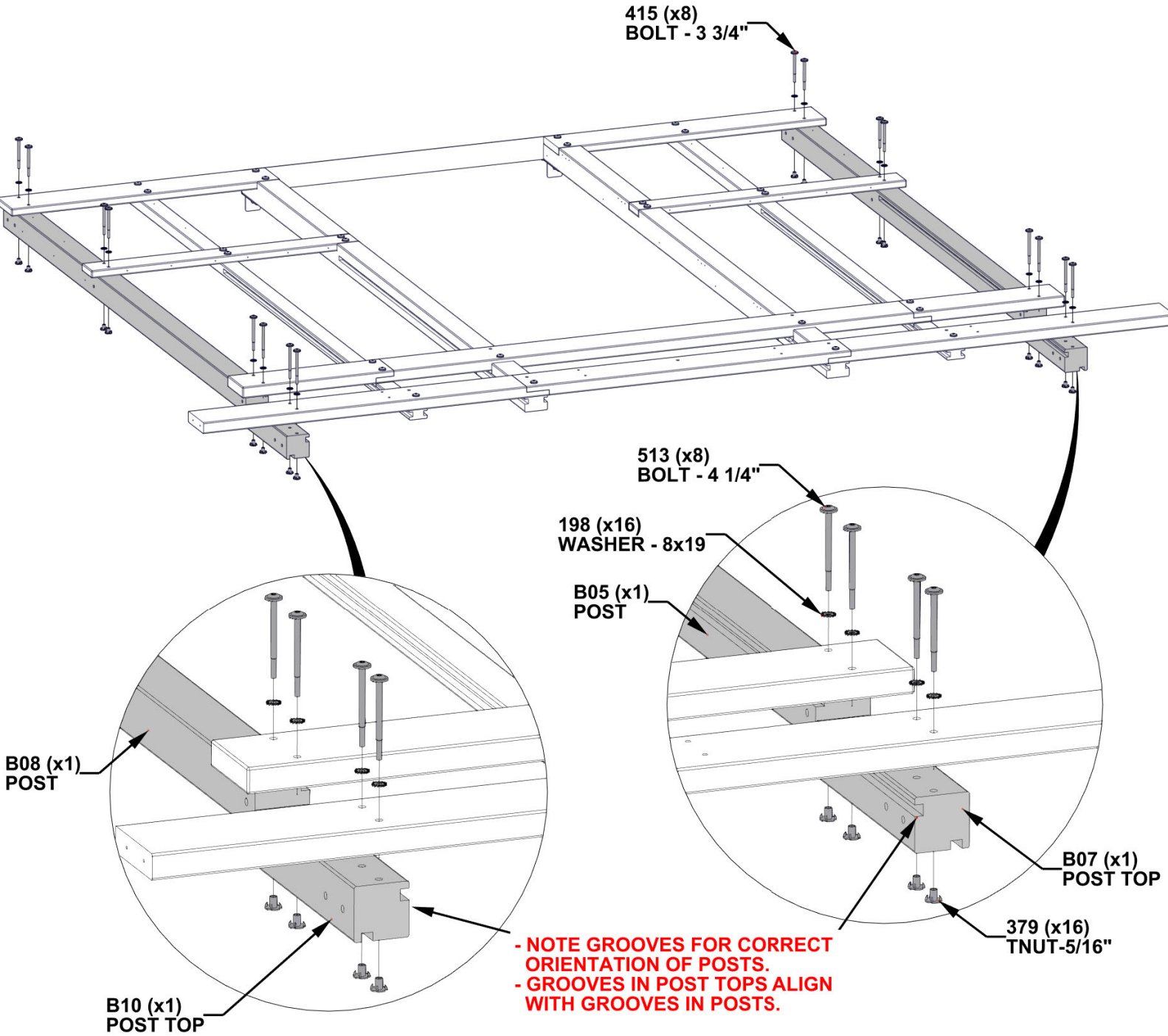
415 (x8)
BOLT - 3 3/4"

513 (x8)
BOLT - 4 1/4"

198 (x16)
WASHER - 8x19

B05 (x1)
POST

B08 (x1)
POST

B07 (x1)
POST TOP

379 (x16)
TNUT-5/16"

B10 (x1)
POST TOP

- NOTE GROOVES FOR CORRECT
** ORIENTATION OF POSTS.**
- GROOVES IN POST TOPS ALIGN
** WITH GROOVES IN POSTS.**

34

STEP 20 - FRONT WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100192	NUT BARREL WH 5/16X7/8 BLK
2	H100193	NUT BARREL WH 5/16 X 1 1/2 BLK
6	H100198	WASHER LOCK EXT 8x19
2	H100378	BOLT WH 5/16x1 3/4 BLK
4	H100416	BOLT WH 5/16x3 BLK

A4M02093   RAFTER BRACKET
(x6)

- HAND TIGHTEN ONLY.

416 (x4)
BOLT - 3"

378 (x2)
BOLT - 1 3/4"

198 (x6)
WASHER - 8x19

2093 (x6)
RAFTER BRACKET

192 (x4)
BARREL NUT - 7/8"

193 (x2)
BARREL NUT - 1 1/2"
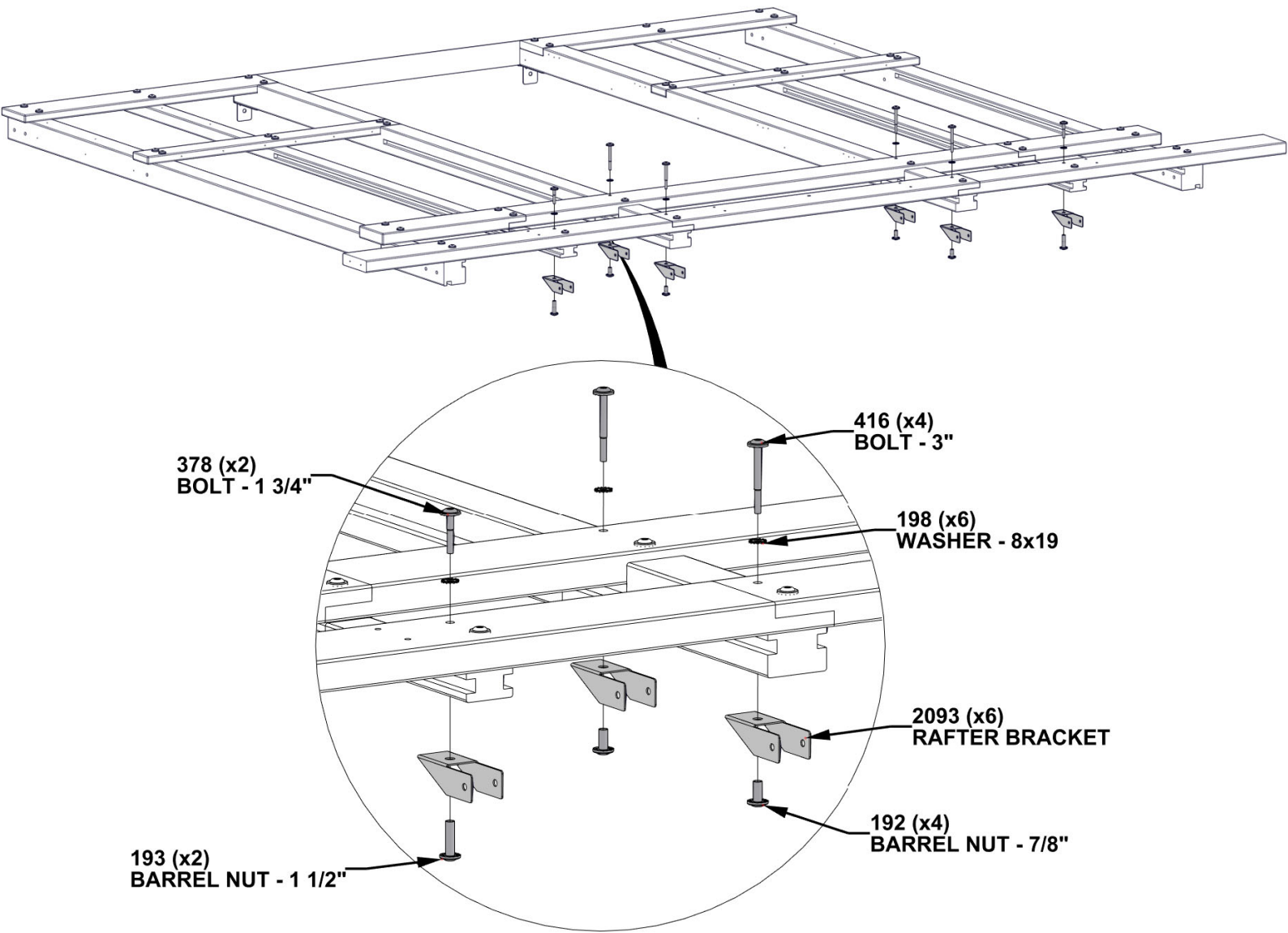
STEP 21 - GREENHOUSE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100193	NUT BARREL WH 5/16 X 1 1/2 BLK
14	H100198	WASHER LOCK EXT 8x19
12	H100379	TNUT-5/16" BLK
4	H100415	BOLT WH 5/16x3 3/4 BLK
2	H100416	BOLT WH 5/16x3 BLK
8	H100513	BOLT WH 5/16x4 1/4 BLK

A4M02503   ANCHOR BRACKET
(x1)

- INSERT T-NUTS FIRST.
- HAND TIGHTEN ONLY.

379 (x12)
TNUT-5/16"

STAND UP FRONT WALL
AND ATTACH AS SHOWN.

FRONT ASSEMBLY
FROM STEP 20

198 (x14)
WASHER - 8x19

513 (x8)
BOLT - 4 1/4"

415 (x4)
BOLT - 3 3/4"

416 (x2)
BOLT - 3"

193 (x2)
BARREL NUT - 1 1/2"

ENSURE THAT ANCHOR BRACKET IS
INSTALLED IN CORRECT CORNER AS SHOWN.

2503 (x1)
ANCHOR BRACKET
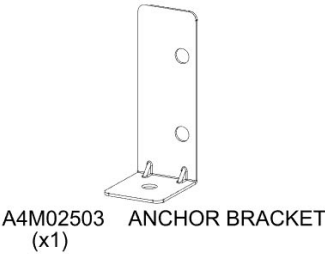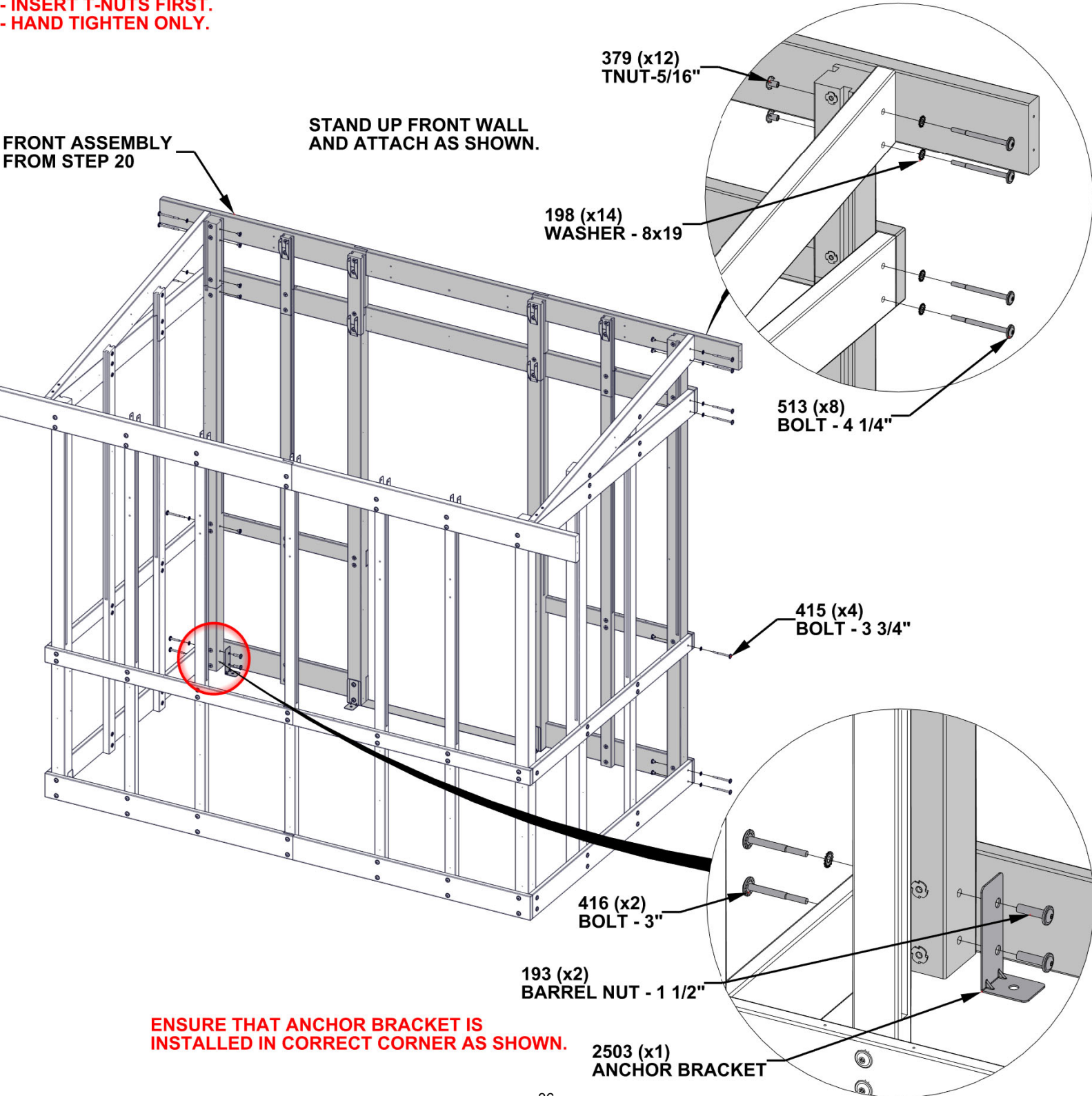
STEP 22 - GREENHOUSE ASSEMBLY

IMPORTANT!

STARTING WITH THE SIDE WALL ASSEMBLY, THE FOLLOWING STEPS ARE CRITICAL:
- POSTS AND UPRIGHTS ARE PLUMB (STRAIGHT UP AND DOWN) WITH A LEVEL.
- MEASUREMENTS BETWEEN POSTS AND UPRIGHTS ARE AS SHOWN +/- 1/8".
- RUNNING AND BASE BOARDS ARE SQUARED TO THE UPRIGHTS.
- ALL HARDWARE ON THIS SIDE IS FULLY TIGHTENED.

37 7/8" [962mm]

17 5/8" [447mm]   17 5/8" [447mm]   17 7/8" [455mm]
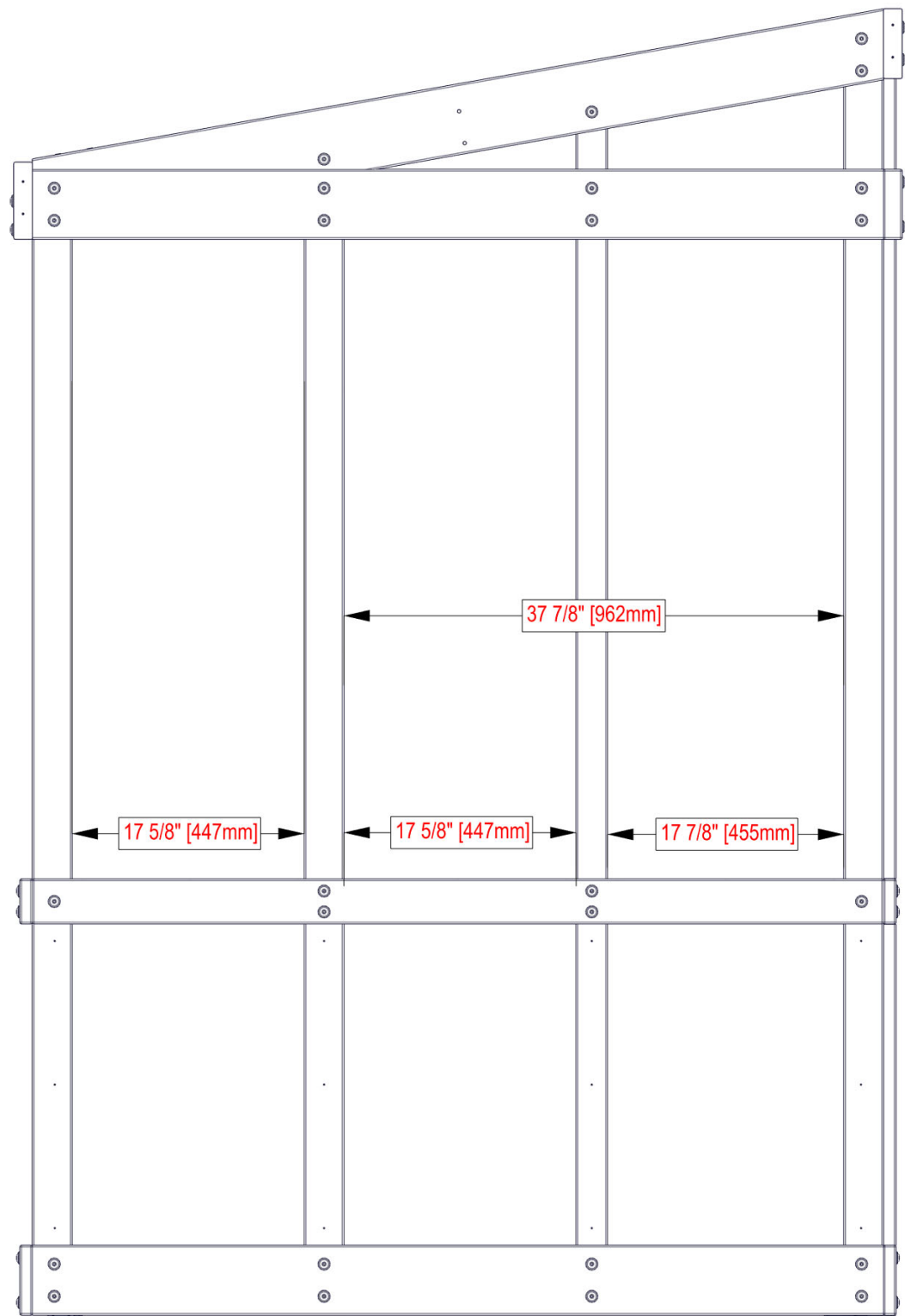
STEP 23 - GREENHOUSE ASSEMBLY
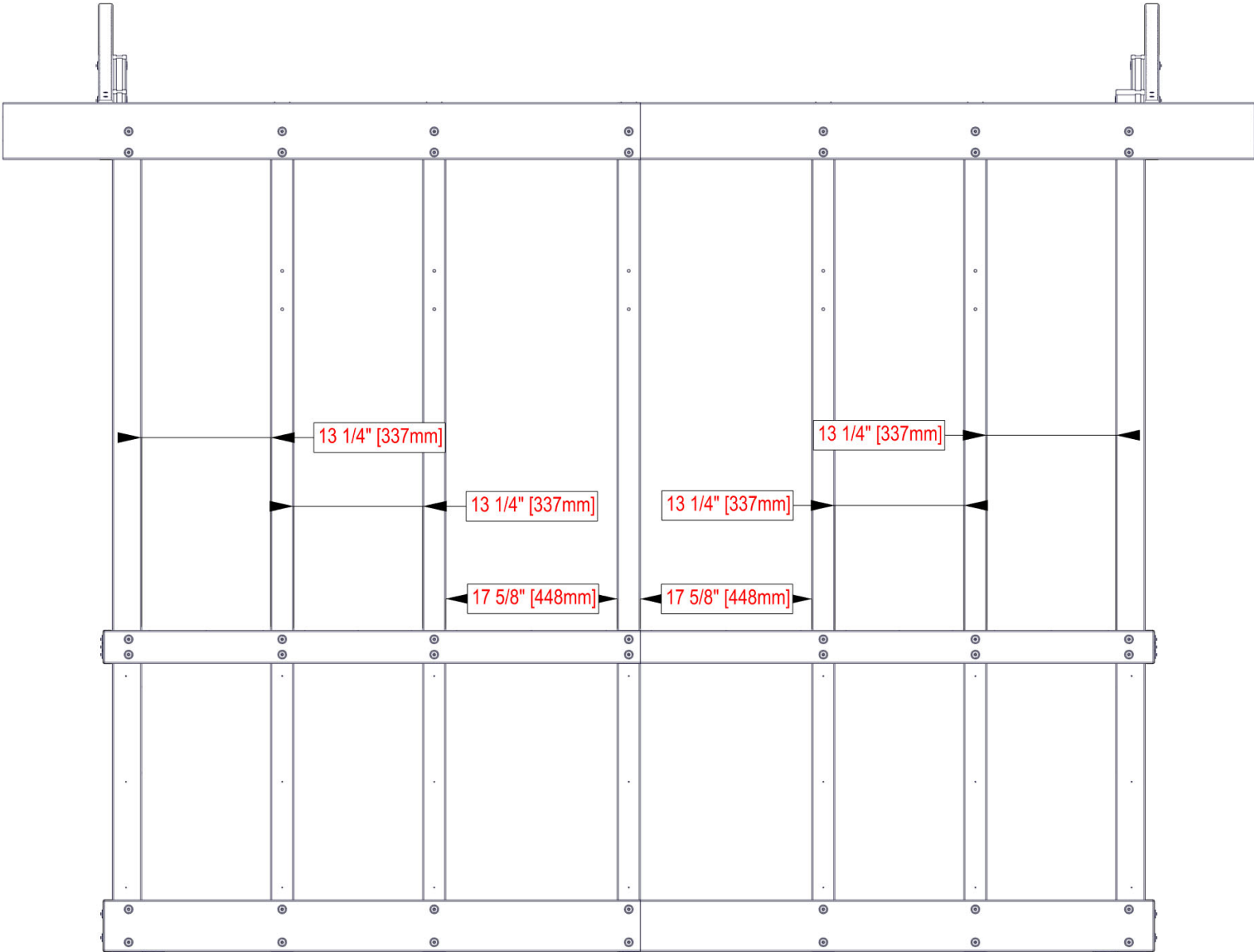
STEP 24 - GREENHOUSE ASSEMBLY

17 7/8" [455mm]   17 7/8" [455mm]   17 7/8" [455mm]
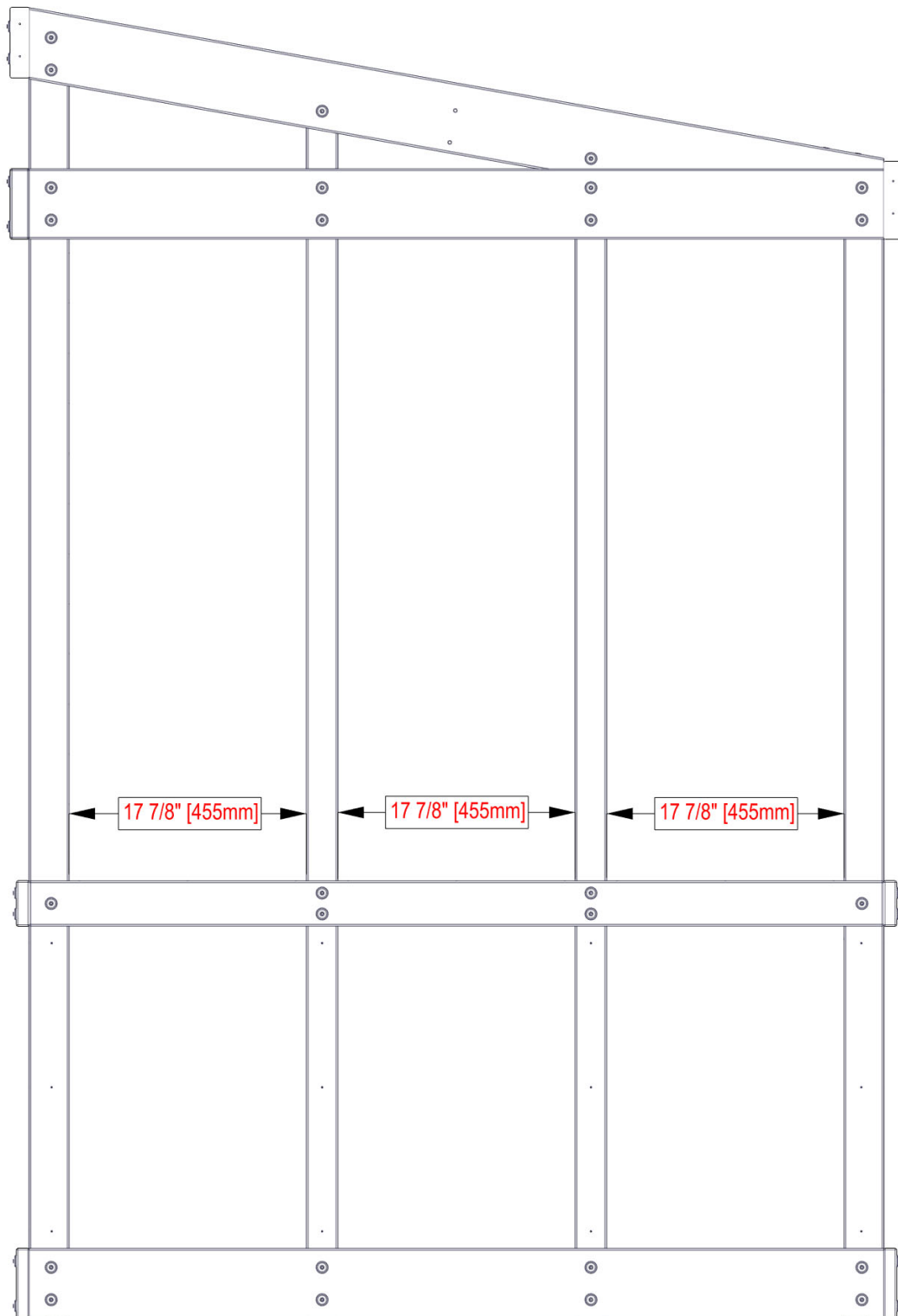
STEP 25 - GREENHOUSE ASSEMBLY

IMPORTANT!

ON THE FRONT WALL ASSEMBLY, THE FOLLOWING STEPS ARE CRITICAL:
- POSTS AND UPRIGHTS ARE PLUMB (STRAIGHT UP AND DOWN) WITH A LEVEL.
- MEASUREMENTS BETWEEN POSTS AND UPRIGHTS ARE AS SHOWN +/- 1/8".
- RUNNING AND BASE BOARDS ARE SQUARED TO THE UPRIGHTS.
- ALL HARDWARE ON THIS SIDE IS FULLY TIGHTENED.

13" [329mm]   13" [329mm]

13 1/4" [337mm]   37" [940mm]   13 1/4" [337mm]
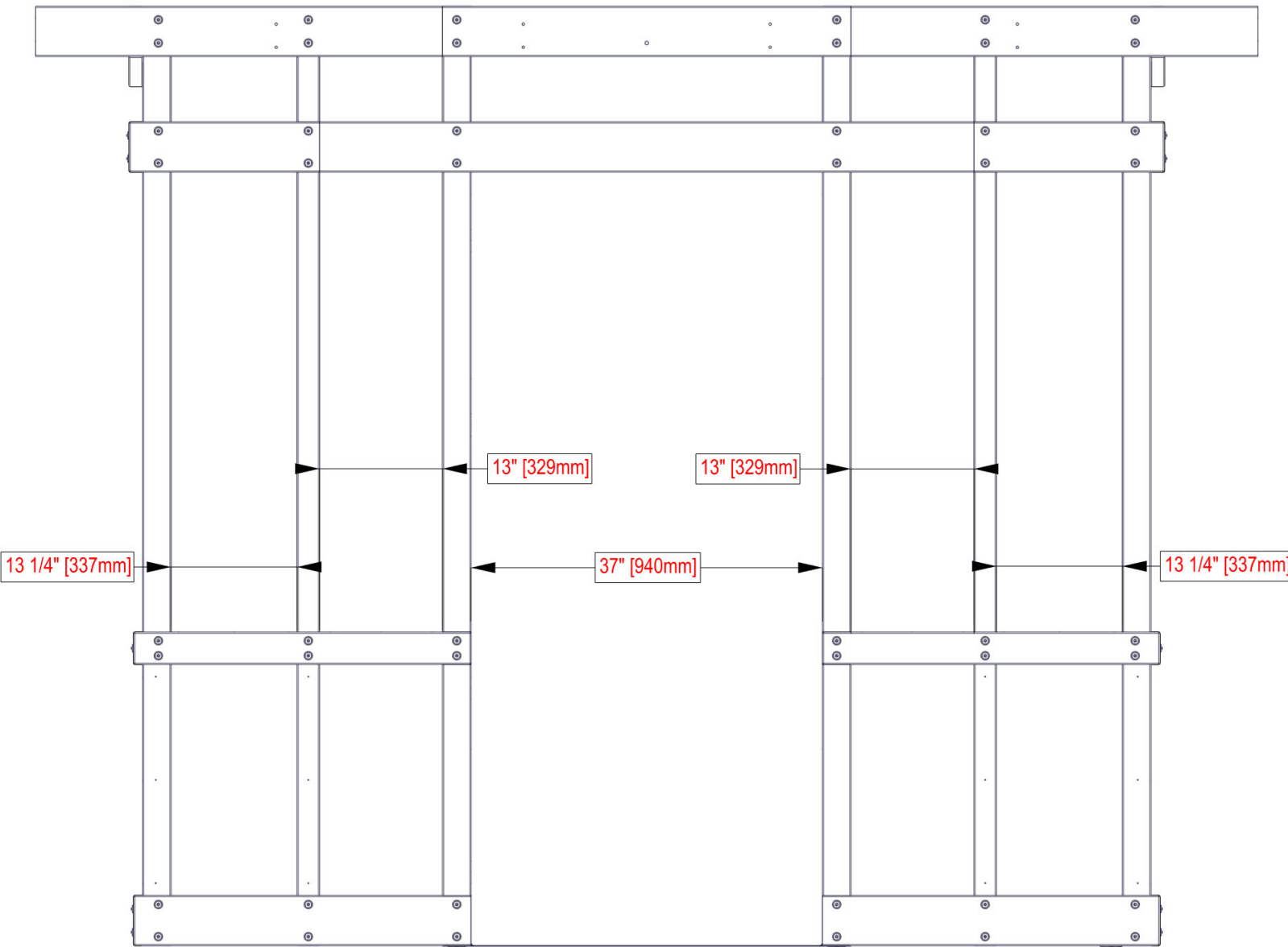
STEP 26 - GREENHOUSE ASSEMBLY

116 1/8" [2950mm]
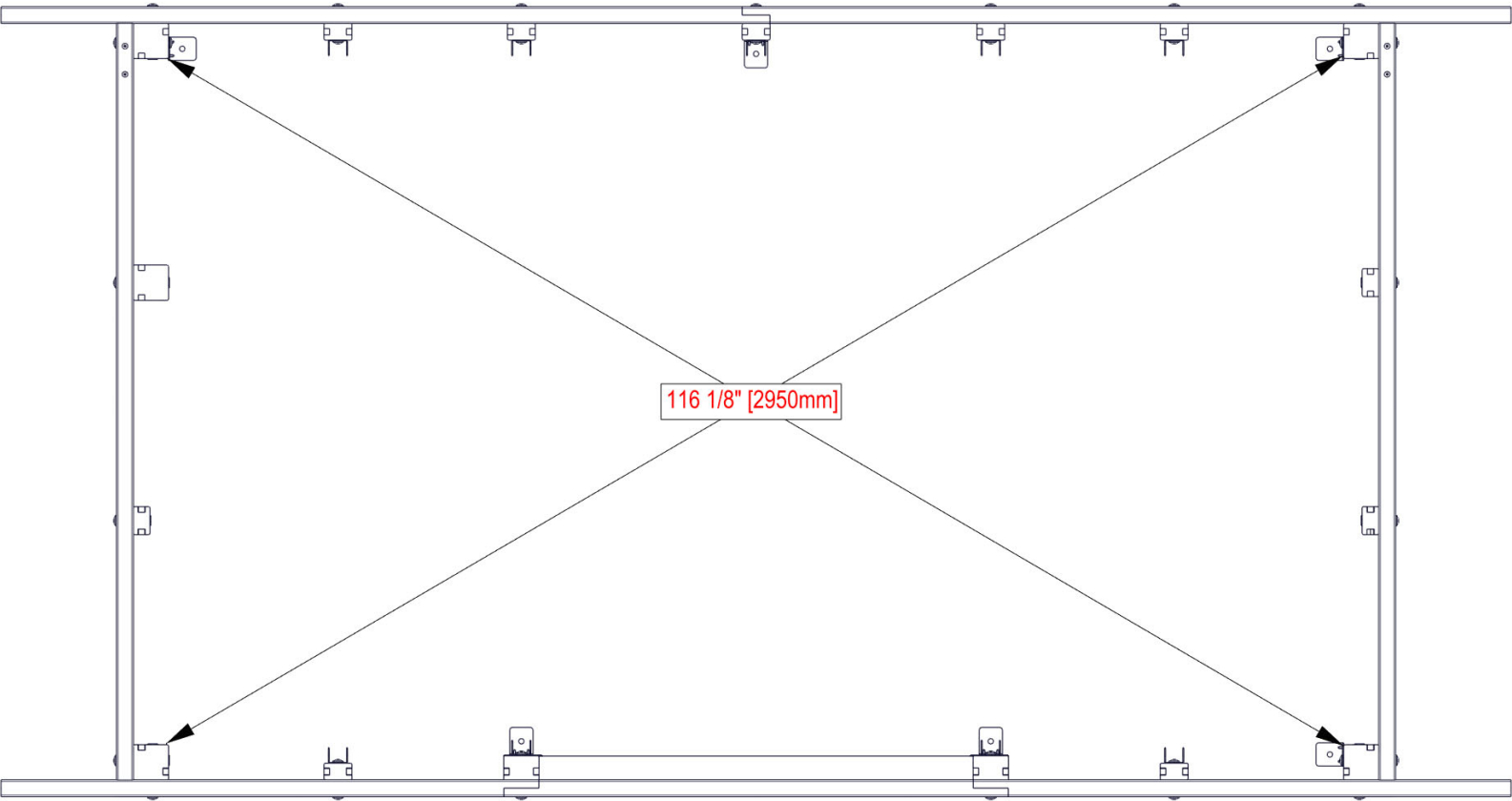
STEP 27 - SIDE WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
36	H100382	SCREW PFH 8x1 3/4 BLK
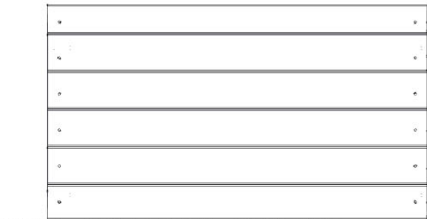
WP01   WALL PANEL - W2A04433
(x1)   1 1/16"x17 13/16"x31 9/16" (27x453x801)
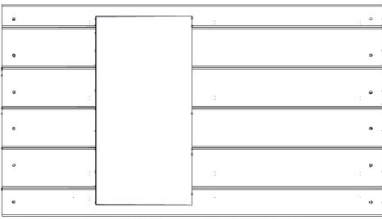
WP04   WALL PANEL - W2A04436
(x1)   1 1/16"x17 1/2"x31 9/16" (27x445x801)
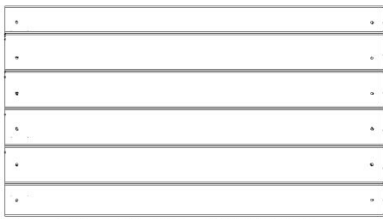
WP05   WALL PANEL - W2A04440
(x1)   1 1/16"x17 1/2"x31 9/16" (27x445x801)

- TOP OF PANELS SHOULD BE FLUSH WITH TOP OF RUNNING BOARD.
- CENTER BETWEEN POSTS AND UPRIGHTS.
- ATTACH AS SHOWN.

382 (x36)
SCREW - 1 3/4"

ENSURE WP04 PANEL IS ORIENTED CORRECTLY WITH OPENING TOWARD THE BOTTOM.

WP01 (x1)
WALL PANEL

WP05 (x1)
WALL PANEL

WP04 (x1)
WALL PANEL
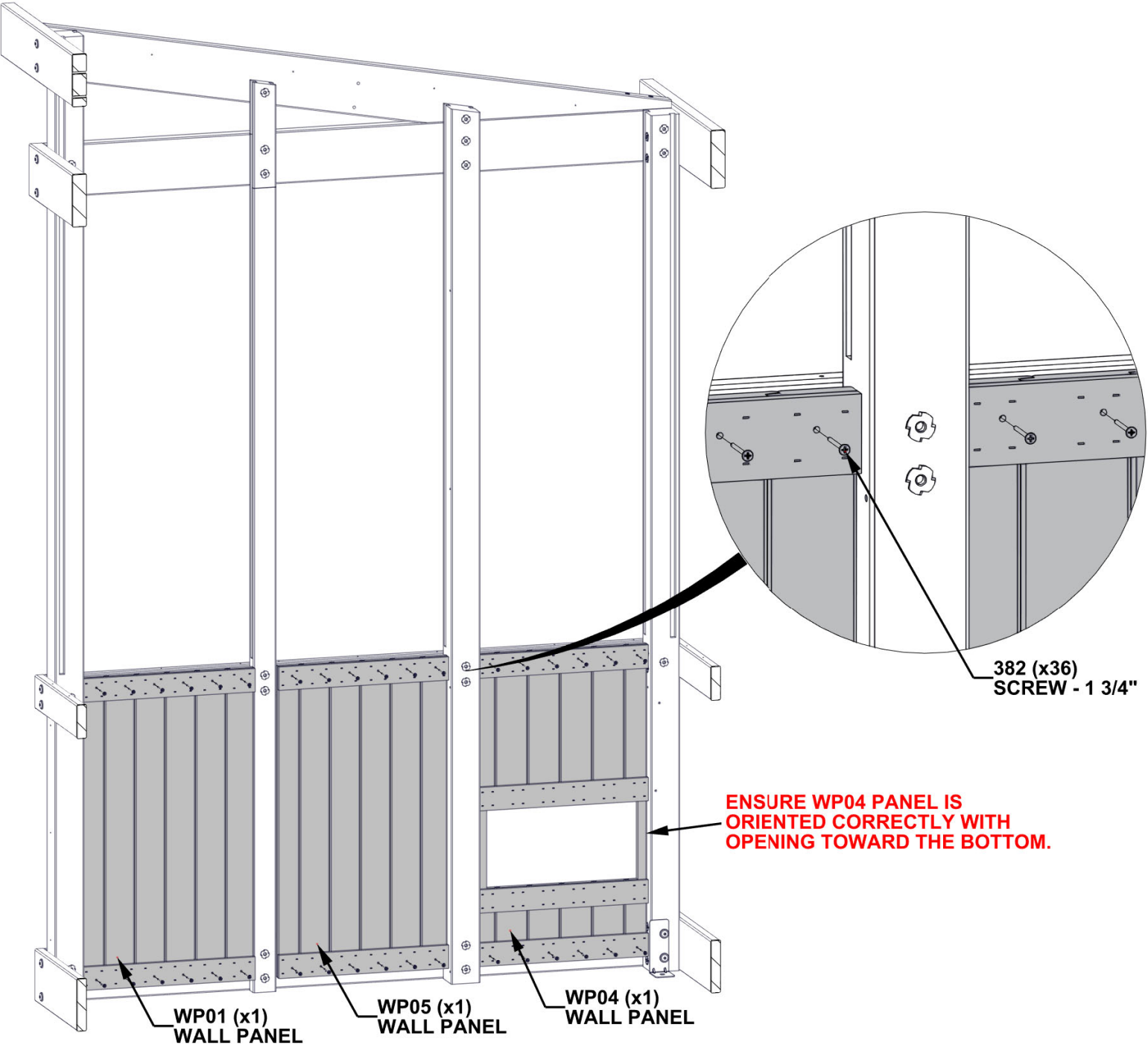
ONLY LEFT SIDE OF GREENHOUSE SHOWN FOR DETAIL.

STEP 28 - BACK WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
56	H100382	SCREW PFH 8x1 3/4 BLK
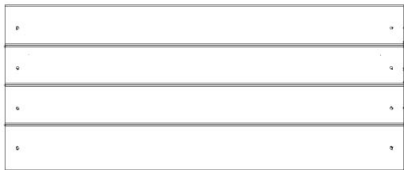
WP02   WALL PANEL - W2A04434
(x4)   1 1/16"x13 3/16"x31 9/16" (27x335x801)
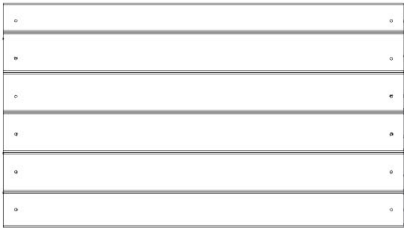
WP07   WALL PANEL - W2A04443
(x2)   1 1/16"x17 9/16"x31 9/16" (27x446x801)

- TOP OF PANELS SHOULD BE FLUSH WITH TOP OF RUNNING BOARD.
- CENTER BETWEEN POSTS AND UPRIGHTS.
- ATTACH AS SHOWN.

382 (x56)
SCREW - 1 3/4"

WP02 (x4)
WALL PANEL

WP07 (x2)
WALL PANEL
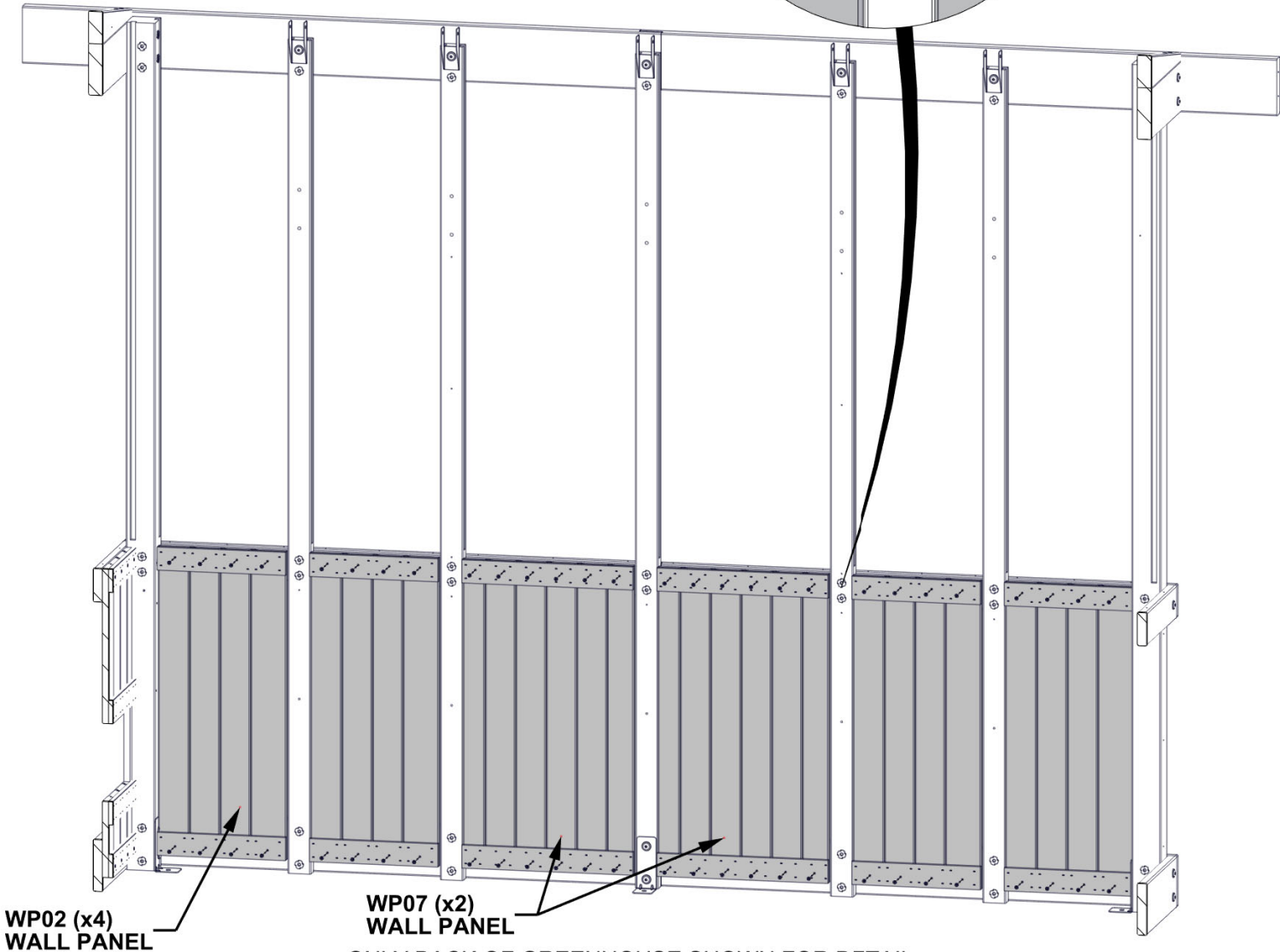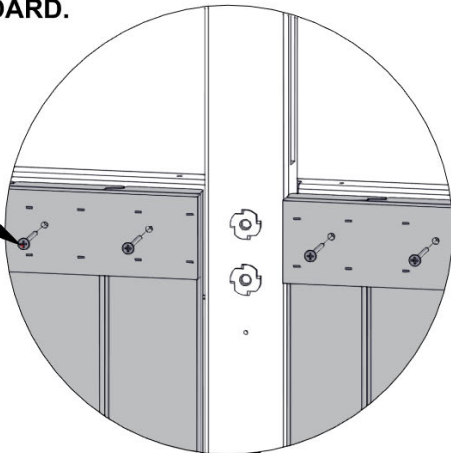
ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.

STEP 29 - SIDE WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
36	H100382	SCREW PFH 8x1 3/4 BLK

WP01   WALL PANEL - W2A04433
(x1)   1 1/16"x17 13/16"x31 9/16" (27x453x801)
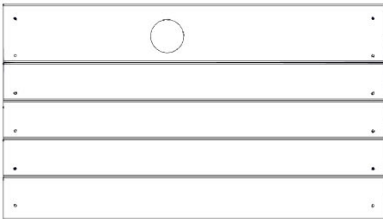
WP06   WALL PANEL - W2A04441
(x1)   1 1/16"x17 13/16"x31 9/16" (27x453x801)
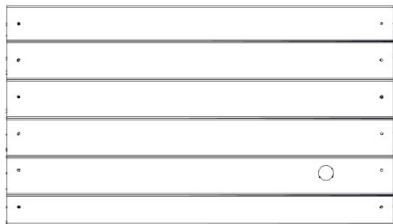
WP08   WALL PANEL - W2A04447
(x1)   1 1/16"x17 13/16"x31 9/16" (27x453x801)

- TOP OF PANELS SHOULD BE FLUSH WITH TOP OF RUNNING BOARD.
- CENTER BETWEEN POSTS AND UPRIGHTS.
- ATTACH AS SHOWN.

382 (x36)
SCREW - 1 3/4"

**NOTE HOLES IN WP06 & WP08
FOR CORRECT ORIENTATION.**

WP06 (x1)
WALL PANEL

WP08 (x1)
WALL PANEL

WP01 (x1)
WALL PANEL
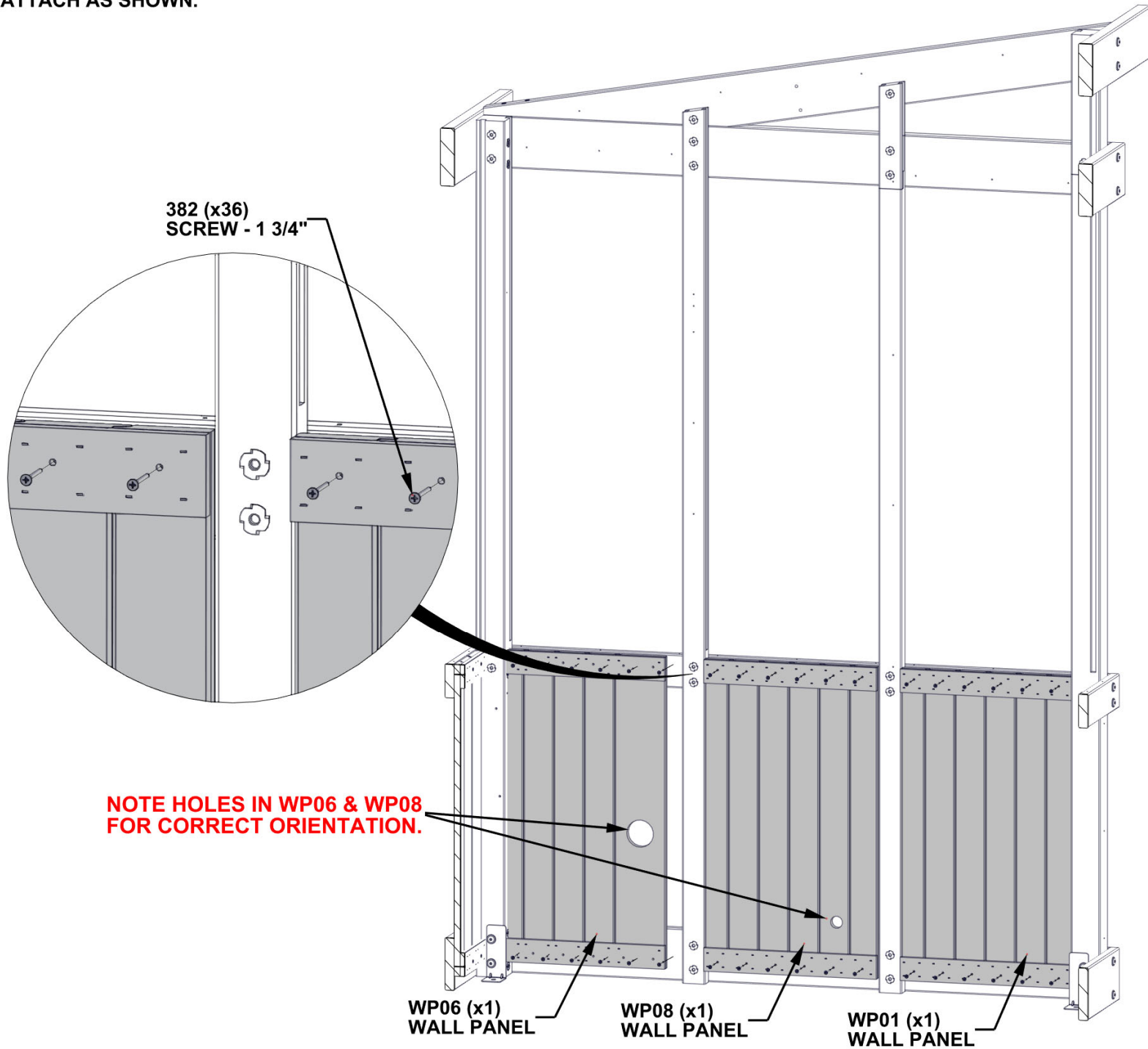
ONLY RIGHT SIDE OF GREENHOUSE
SHOWN FOR DETAIL.

STEP 30 - FRONT WALL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
32	H100382	SCREW PFH 8x1 3/4 BLK
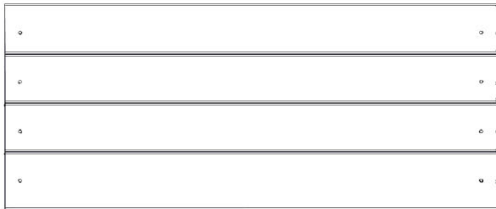
WP02   WALL PANEL - W2A04434
(x2)   1 1/16"x13 3/16"x31 9/16" (27x335x801)

WP03   WALL PANEL - W2A04435
(x2)   1 1/16"x12 7/8"x31 9/16" (27x327x801)

- TOP OF PANELS SHOULD BE FLUSH WITH TOP OF RUNNING BOARD.
- CENTER BETWEEN POSTS AND UPRIGHTS.
- ATTACH AS SHOWN.

382 (x32)
SCREW - 1 3/4"

WP03 (x1)
WALL PANEL

WP03 (x1)
WALL PANEL

WP02 (x1)
WALL PANEL

WP02 (x1)
WALL PANEL

ONLY FRONT SIDE OF
GREENHOUSE SHOWN FOR DETAIL.
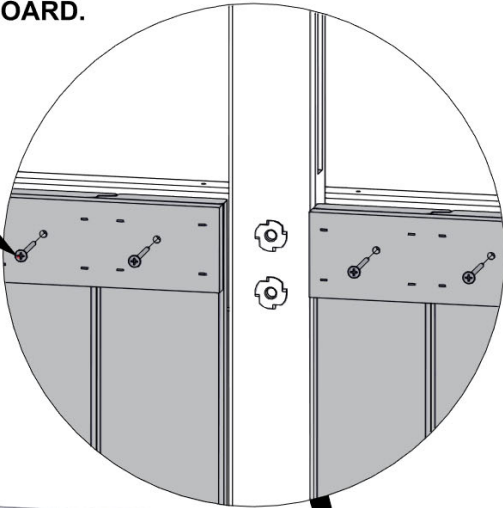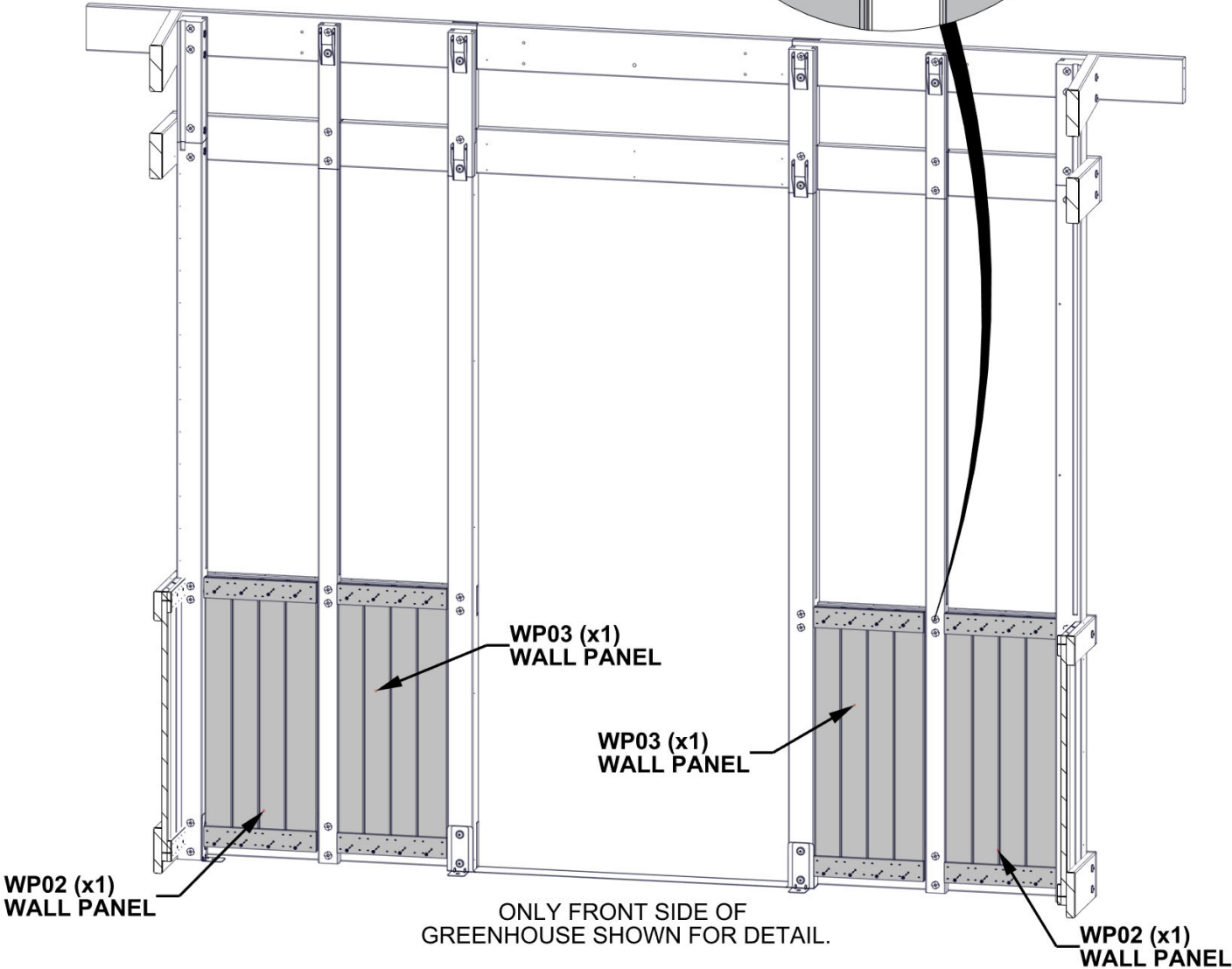
STEP 31 - COVER BOARD ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100200	SCREW PFH 8x1 1/2 BLK

M01   COVER BOARD - W4L20556
(x4)   5/8"x3 3/8"x24 3/16" (16x86x614)

- **ALIGN PILOT HOLES IN COVER BOARDS WITH PILOT HOLES IN POSTS AND UPRIGHTS.**
- **ATTACH AS SHOWN.**

**M01 (x4)
COVER BOARD**

**200 (x12)
SCREW - 1 1/2"**
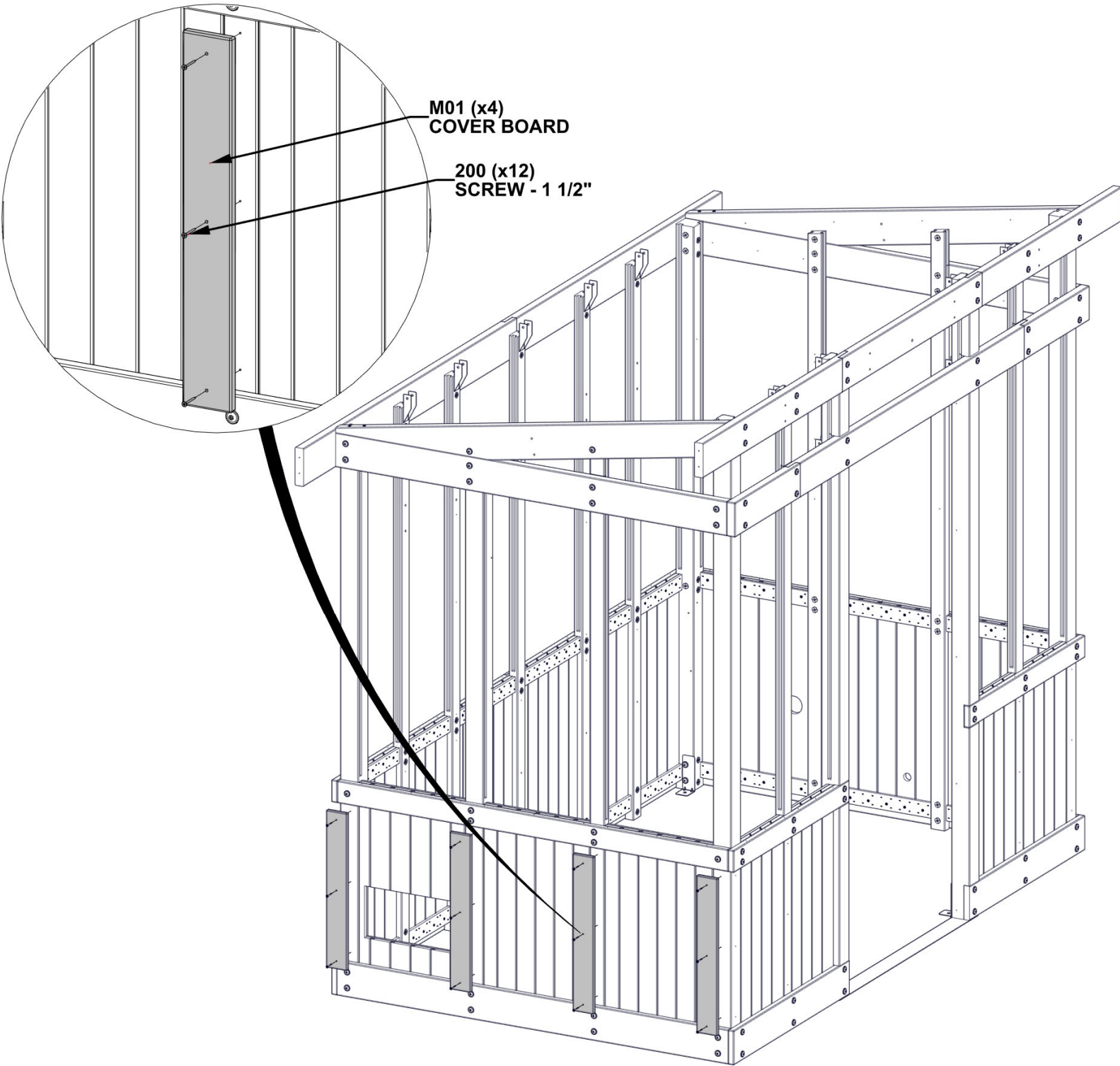
STEP 32 - COVER BOARD ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
21	H100200	SCREW PFH 8x1 1/2 BLK

M01   COVER BOARD - W4L20556
(x5) 5/8"x3 3/8"x24 3/16" (16x86x614)

Y01   COVER BOARD - W4L20592
(x2) 5/8"x4"x24 3/16" (16x102x614)

- **ALIGN PILOT HOLES IN COVER BOARDS**
  WITH PILOT HOLES IN POSTS AND UPRIGHTS.
- **ATTACH AS SHOWN.**

200 (x21)
SCREW - 1 1/2"

Y01 (x1)
COVER BOARD

M01 (x5)
COVER BOARD

Y01 (x1)
COVER BOARD

47
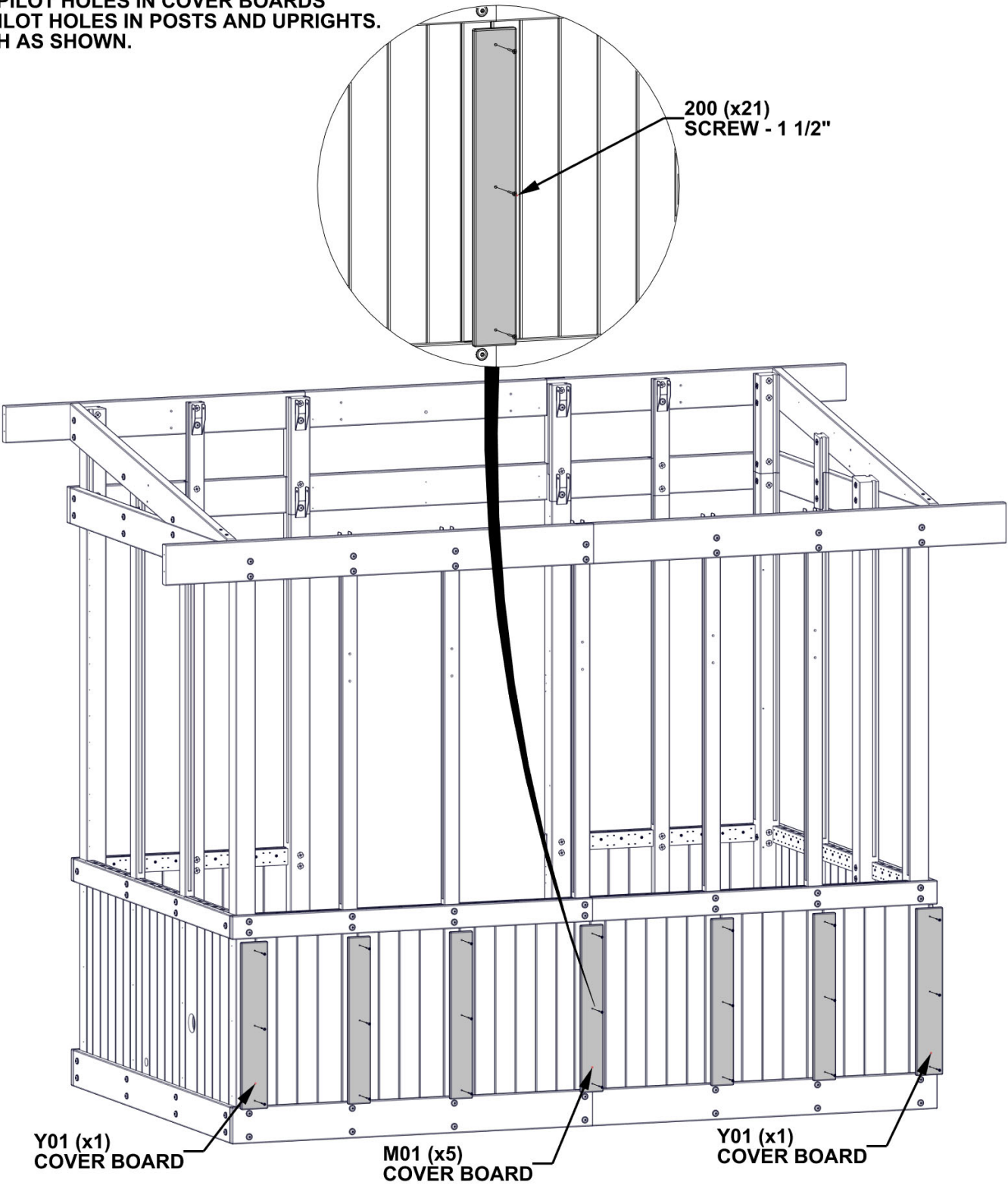
STEP 33 - COVER BOARD ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100200	SCREW PFH 8x1 1/2 BLK

M01   COVER BOARD - W4L20556
(x4)   5/8"x3 3/8"x24 3/16" (16x86x614)

- **ALIGN PILOT HOLES.**
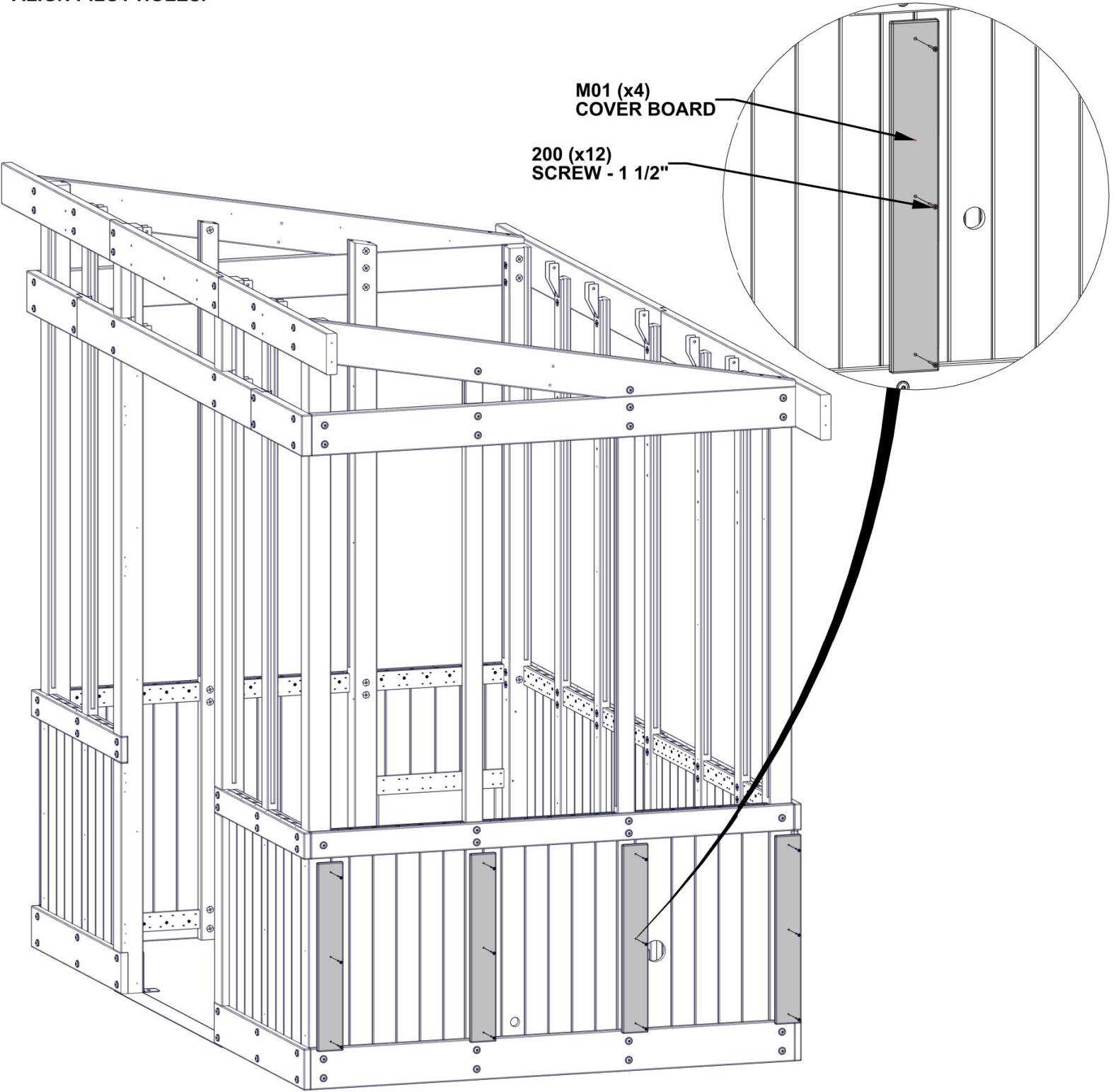
**M01 (x4)
COVER BOARD**

**200 (x12)
SCREW - 1 1/2"**

STEP 34 - COVER BOARD ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100200	SCREW PFH 8x1 1/2 BLK
6	H100380	SCREW PFH 8x1 1/8 BLK

N01   COVER BOARD - W4L20580
(x2)   5/8"x2 3/8"x25" (16x60x614)

M01   COVER BOARD - W4L20556
(x2)   5/8"x3 3/8"x24 3/16" (16x86x614)

Y01   COVER BOARD - W4L20592
(x2)   5/8"x4"x24 3/16" (16x102x614)

- ALIGN PILOT HOLES IN COVER BOARDS WITH PILOT HOLES IN POSTS AND UPRIGHTS.
- ATTACH AS SHOWN.

Y01 (x2)
COVER BOARD

N01 (x2)
COVER BOARD

M01 (x2)
COVER BOARD
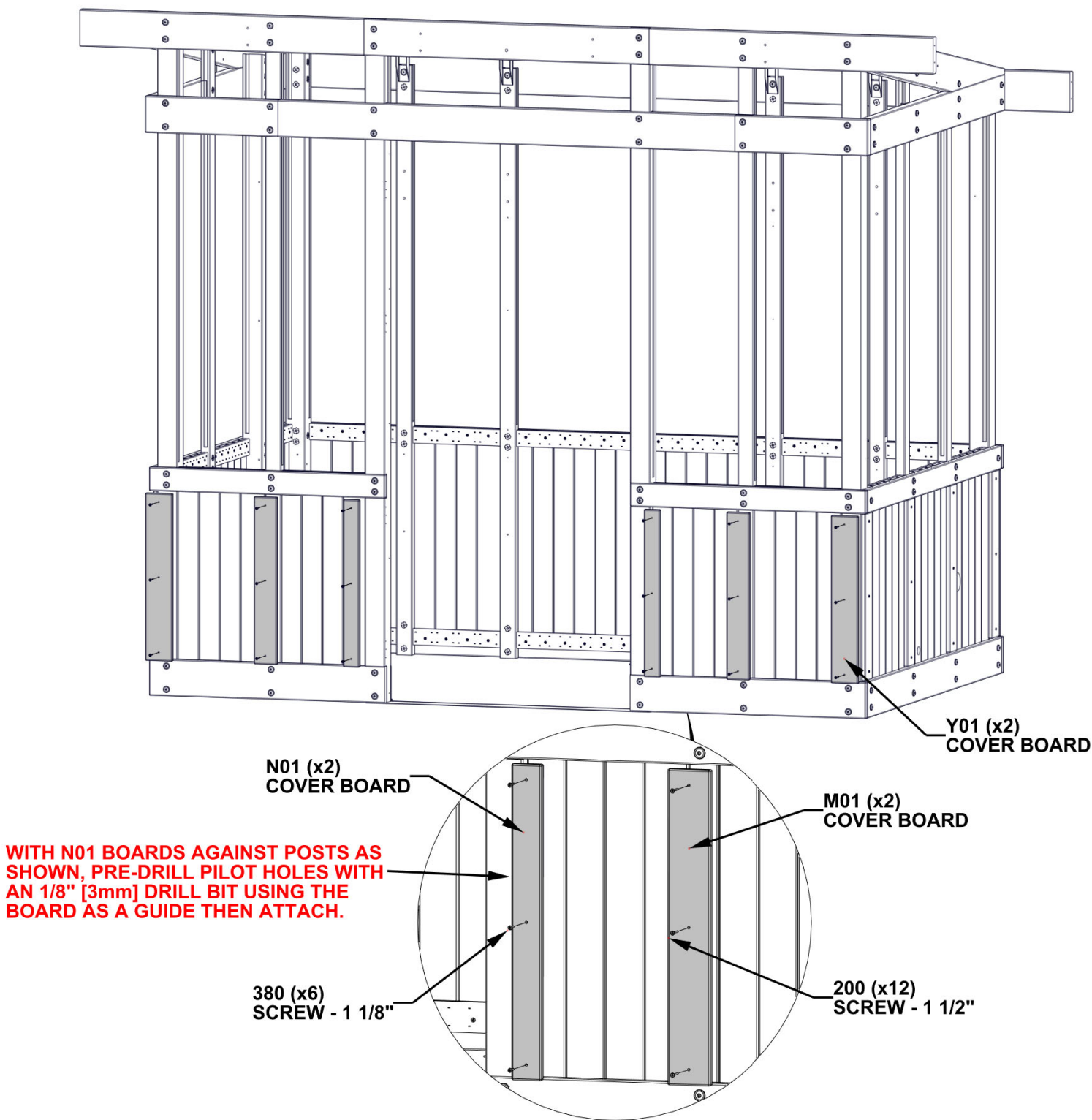
WITH N01 BOARDS AGAINST POSTS AS SHOWN, PRE-DRILL PILOT HOLES WITH AN 1/8" [3mm] DRILL BIT USING THE BOARD AS A GUIDE THEN ATTACH.

380 (x6)
SCREW - 1 1/8"

200 (x12)
SCREW - 1 1/2"

49

STEP 35 - WINDOW SILL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
9	H100391	SCREW PFH 8x2 BLK

E06   WINDOW SILL - W4L20588
(x1)   1 7/16"x3 3/8"x22 1/16" (36x86x561)

E10   WINDOW SILL - W4L20625
(x1)   1 7/16"x3 3/8"x22 1/16" (36x86x561)

E11   WINDOW SILL - W4L20626
(x1)   1 7/16"x3 3/8"x20 1/4" (36x86x515)
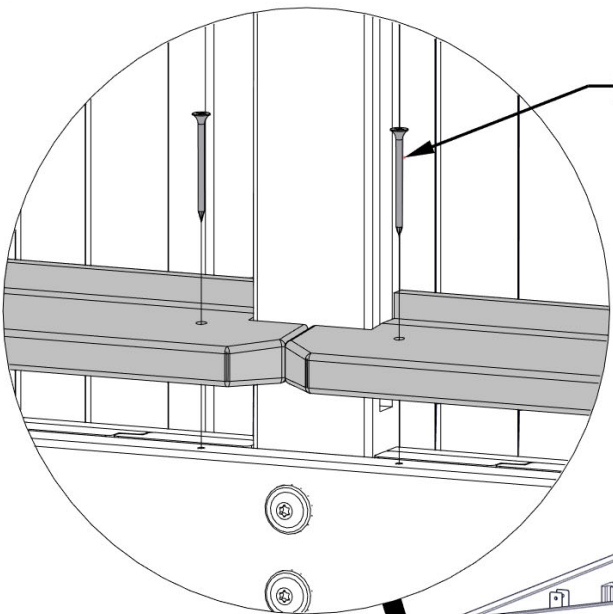
391 (x9)
SCREW - 2"

ATTACH WINDOW SILLS USING PILOT
HOLES IN RUNNING BOARD.

E10 (x1)
WINDOW SILL

E11 (x1)
WINDOW SILL

E06 (x1)
WINDOW SILL

STEP 36 - WINDOW SILL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
18	H100391	SCREW PFH 8x2 BLK

E01   WINDOW SILL - W4L20569
(x1)   1 7/16"x3 3/8"x19 7/16" (36x86x493)

E02   WINDOW SILL - W4L20570
(x1)   1 7/16"x3 3/8"x19 7/16" (36x86x493)

E08   WINDOW SILL - W4L20608
(x2)   1 7/16"x3 3/8"x15 5/8" (36x86x397)

E13   WINDOW SILL - W4L20633
(x2)   1 7/16"x3 3/8"x20" (36x86x508)

**391 (x18)
SCREW - 2"**

**ATTACH WINDOW SILLS USING PILOT
HOLES IN RUNNING BOARD.**

**E02 (x1)
WINDOW SILL**

**E08 (x1)
WINDOW SILL**

**E13 (x2)
WINDOW SILL**

**E08 (x1)
WINDOW SILL**

**E01 (x1)
WINDOW SILL**
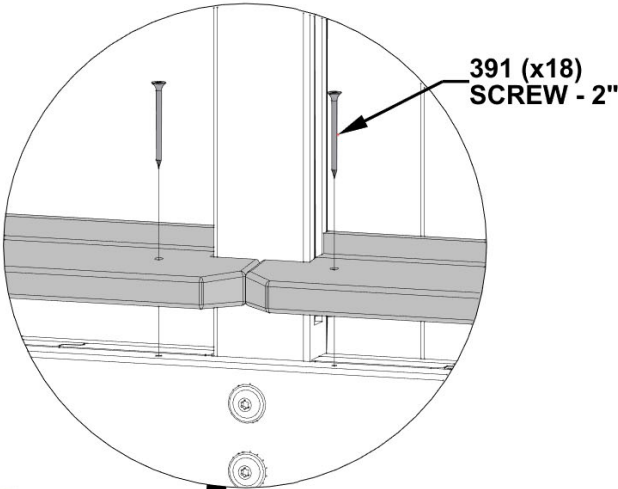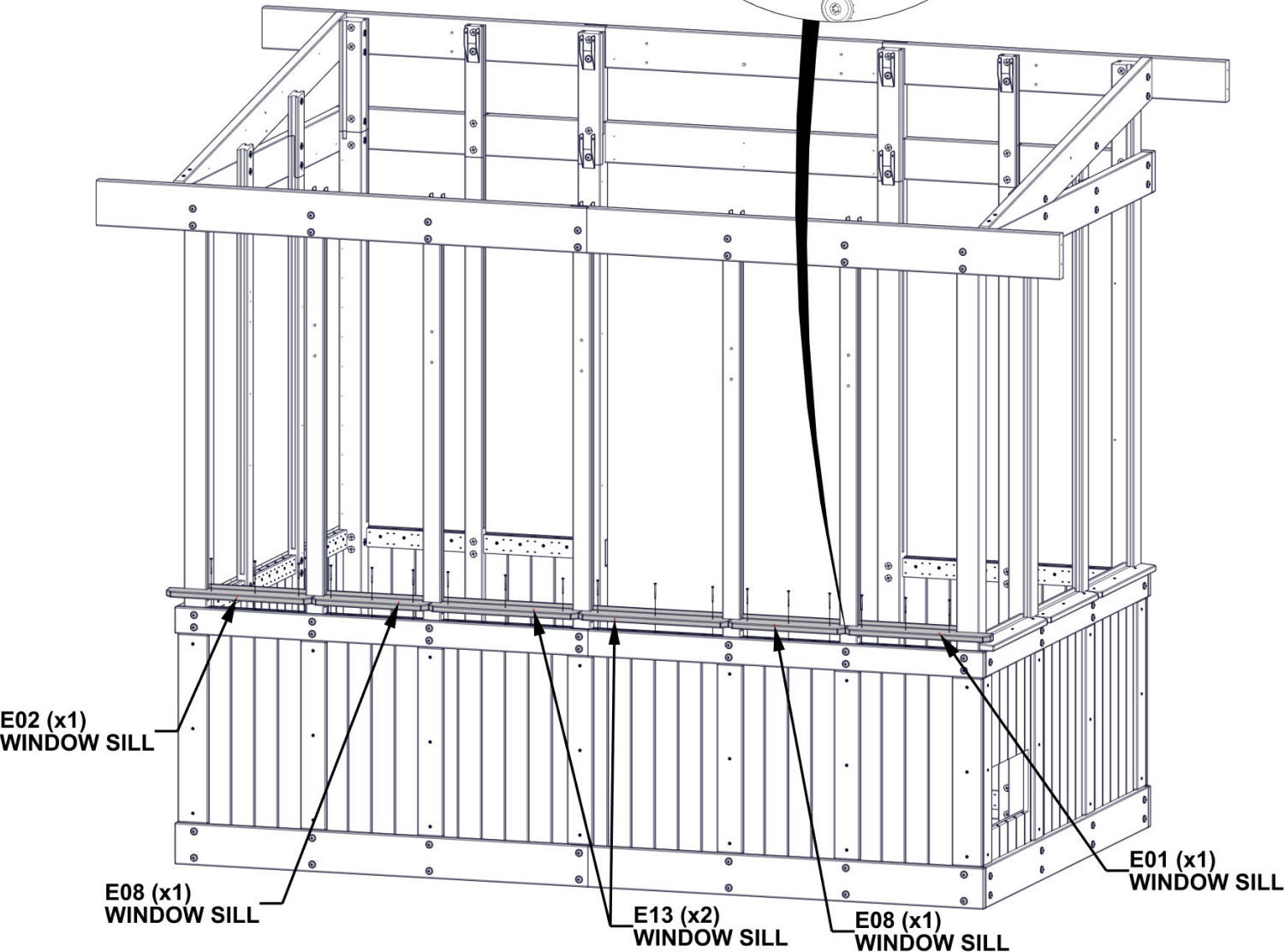
STEP 37 - WINDOW SILL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
9	H100391	SCREW PFH 8x2 BLK

AJ03   WINDOW SILL - W4L20589
(x1)   1 7/16"x4"x22 1/16" (36x102x561)

E05   WINDOW SILL - W4L20587
(x1)   1 7/16"x3 3/8"x20 1/4" (36x86x515)

E06   WINDOW SILL - W4L20588
(x1)   1 7/16"x3 3/8"x22 1/16" (36x86x561)

391 (x9)
SCREW - 2"

ATTACH WINDOW SILLS USING PILOT HOLES IN RUNNING BOARD.

E06 (x1)
WINDOW SILL

E05 (x1)
WINDOW SILL

AJ03 (x1)
WINDOW SILL
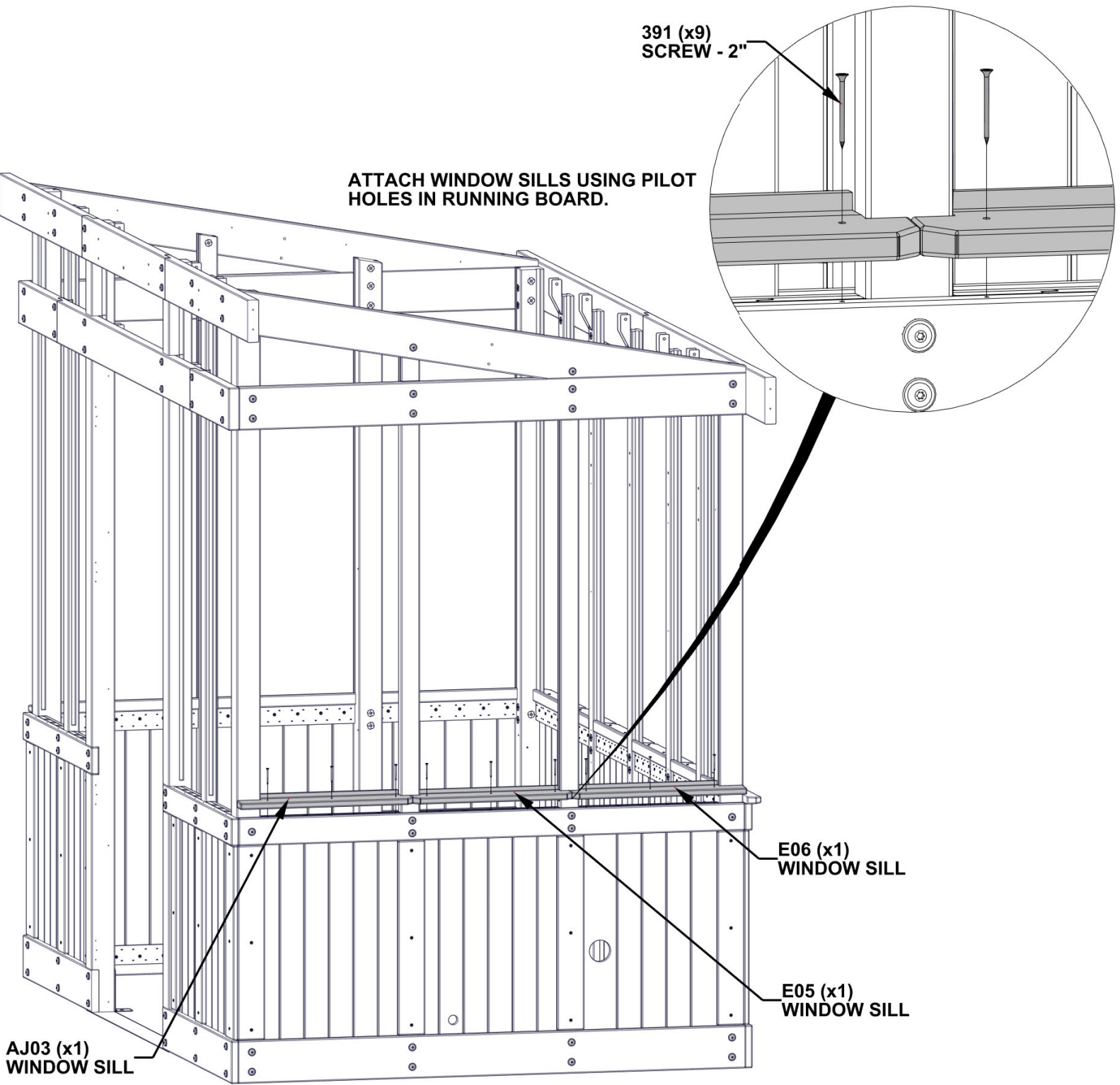
STEP 38 - WINDOW SILL ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100391	SCREW PFH 8x2 BLK

E01   WINDOW SILL - W4L20569
(x1)   1 7/16"x3 3/8"x19 7/16" (36x86x493)

E02   WINDOW SILL - W4L20570
(x1)   1 7/16"x3 3/8"x19 7/16" (36x86x493)

E03   WINDOW SILL - W4L20572
(x1)   1 7/16"x3 3/8"x14 1/8" (36x86x358)

E04   WINDOW SILL - W4L20573
(x1)   1 7/16"x3 3/8"x14 1/8" (36x86x358)

391 (x12)
SCREW - 2"

**ATTACH WINDOW SILLS USING
PILOT HOLES IN RUNNING BOARD.**

E02 (x1)
WINDOW SILL

E04 (x1)
WINDOW SILL

E01 (x1)
WINDOW SILL

E03 (x1)
WINDOW SILL
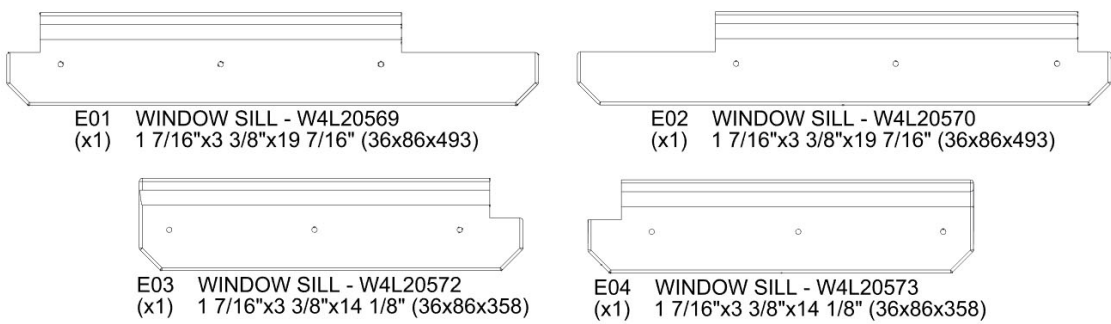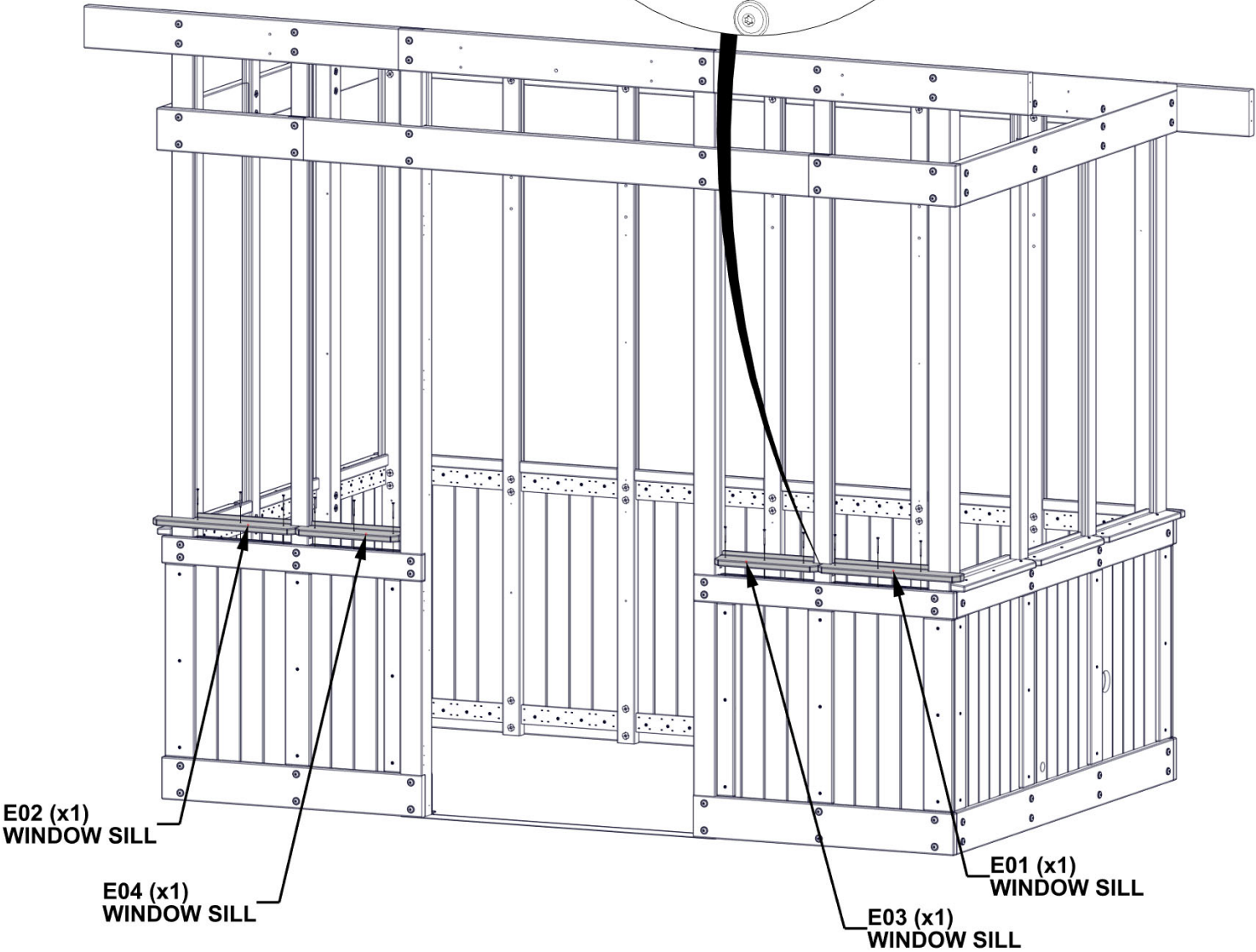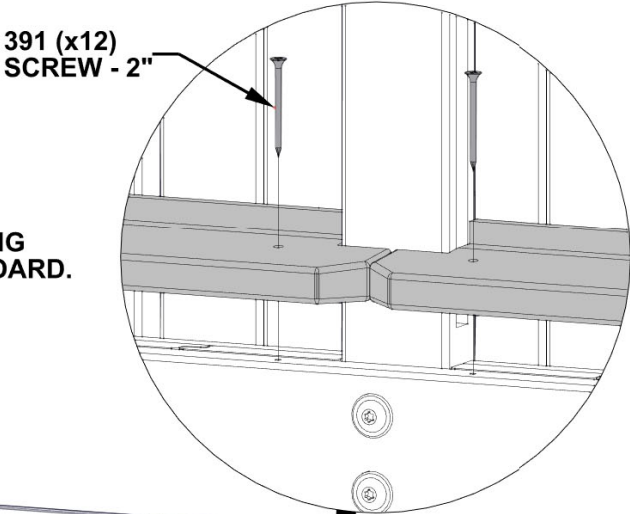
STEP 39 - PERGOLA ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H101008	SCREW CONFIRMAT 7x3 BLK

AJ01   PERGOLA RAFTER - W4L20716
(x4)   1 7/16"x4"x19 3/8" (36x102x492)

- ATTACH PERGOLA RAFTERS USING PILOT HOLES IN THE END OF BOARD.
- ENSURE PILOT HOLES ON THE EDGE FACE UP.
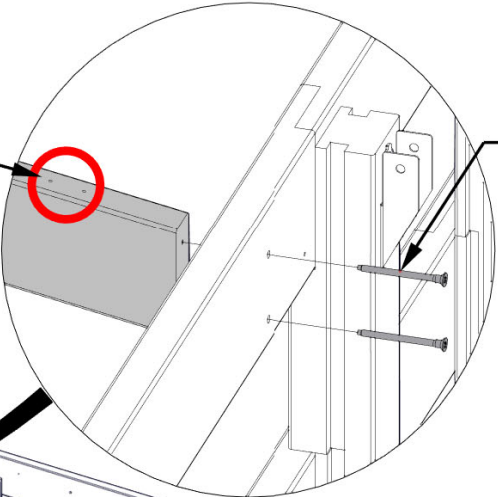
1008 (x8)
CONFIRMAT SCREW - 3"

AJ01 (x4)
PERGOLA RAFTER

ENSURE PERGOLA RAFTERS ARE ANGLED UP.
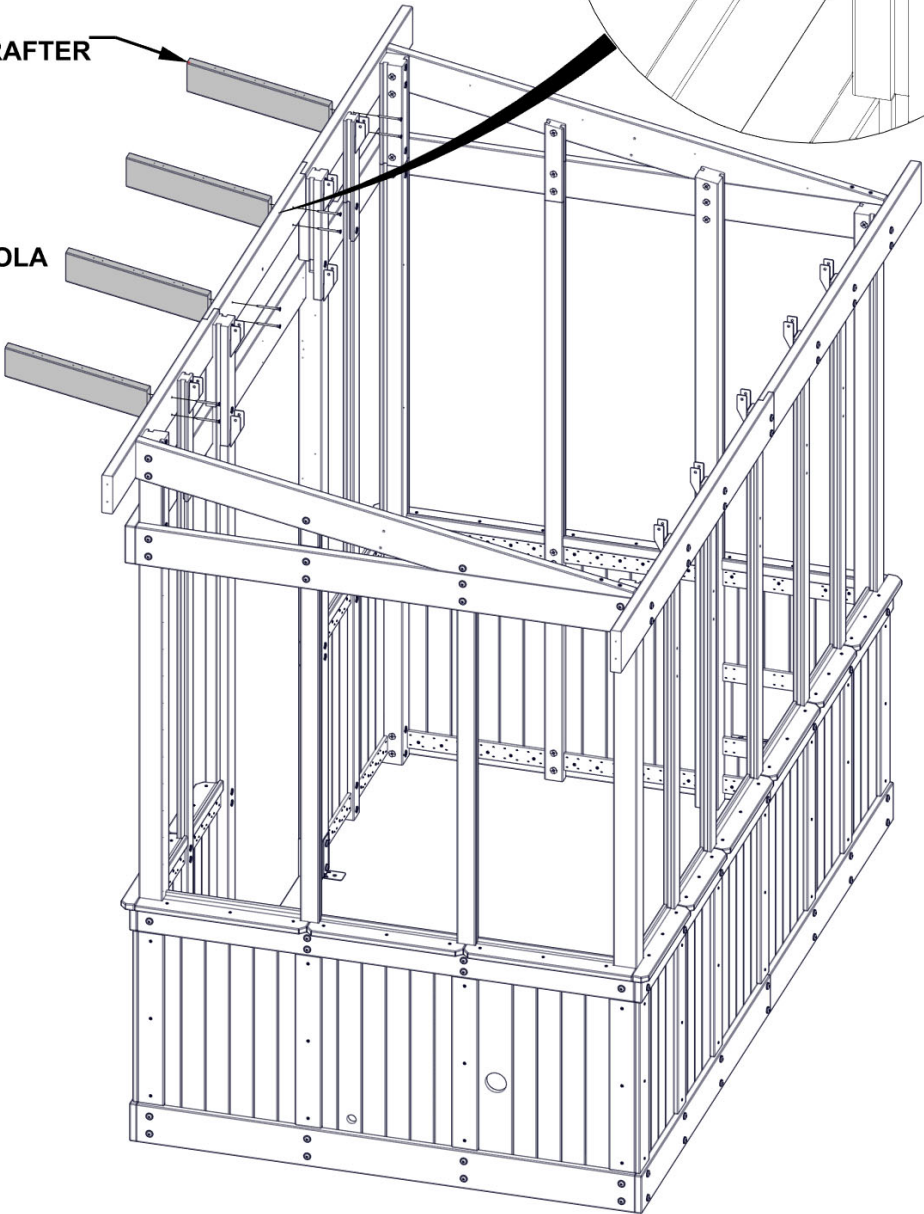
STEP 40 - PERGOLA ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H101008	SCREW CONFIRMAT 7x3 BLK

AJ02   PERGOLA SPACER - W4L20717
(x1)   1 7/16"x4"x9 13/16" (36x102x250)

**ATTACH PERGOLA SPACERS USING
PILOT HOLES IN THE END OF BOARD.**

**1008 (x2)
CONFIRMAT SCREW - 3"**

**AJ02 (x1)
PERGOLA SPACER**
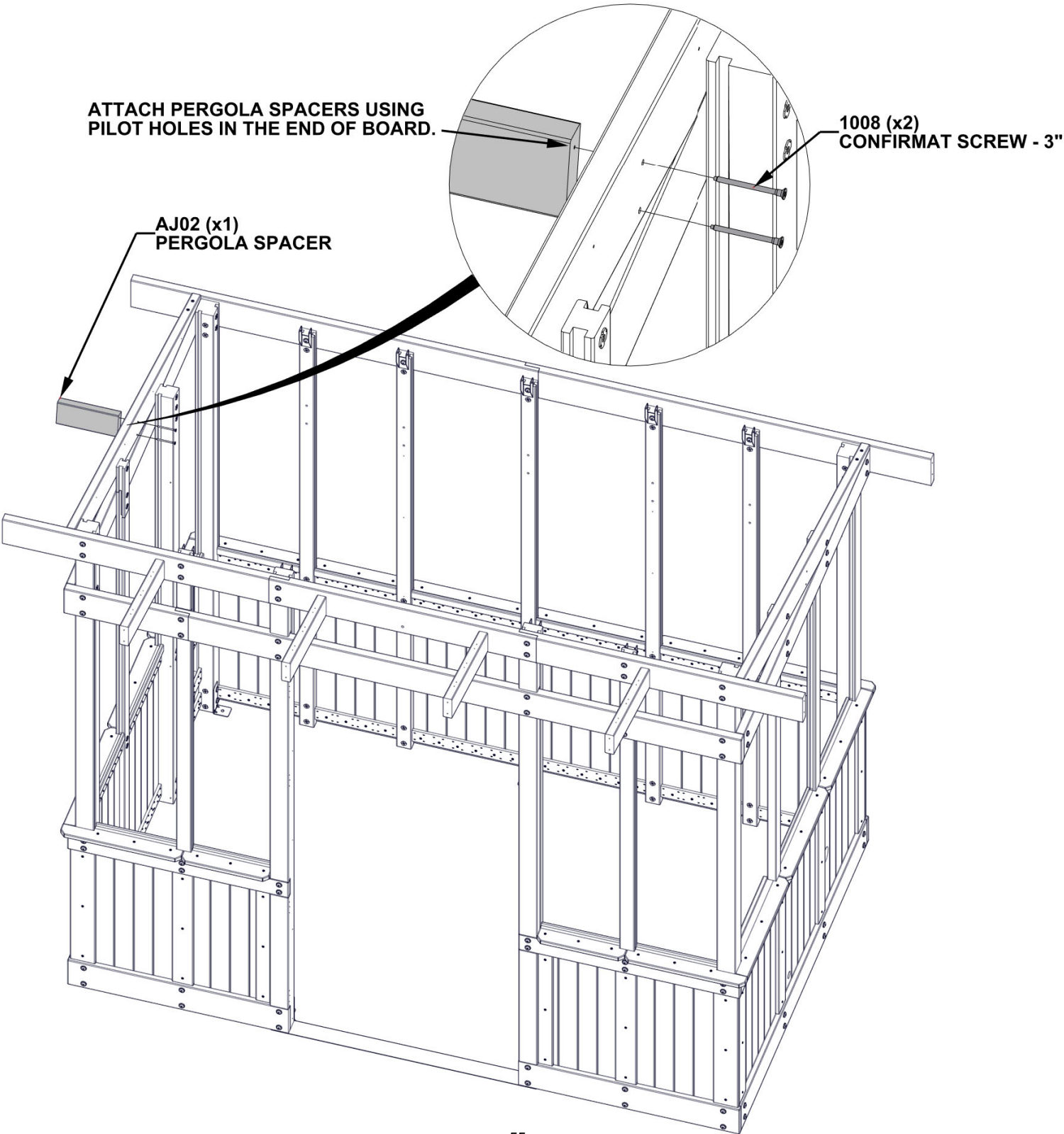
STEP 41 - PERGOLA ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H101008	SCREW CONFIRMAT 7x3 BLK

AJ02   PERGOLA SPACER - W4L20717
(x1)   1 7/16"x4"x9 13/16" (36x102x250)
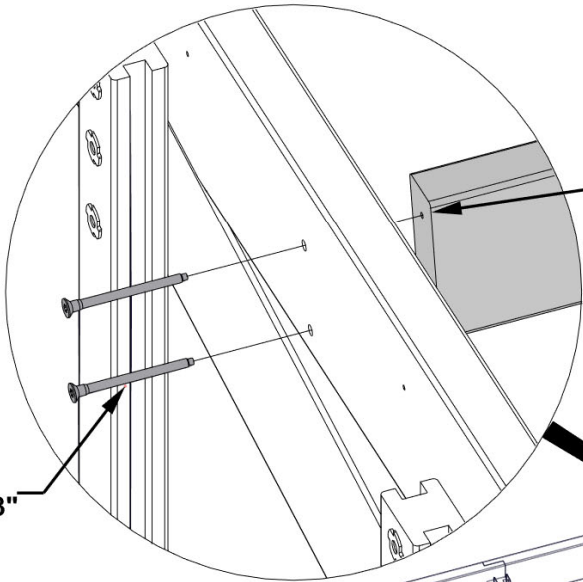
ATTACH PERGOLA SPACERS USING PILOT HOLES IN THE END OF BOARD.

**AJ02 (x1)
PERGOLA SPACER**

**1008 (x2)
CONFIRMAT SCREW - 3"**
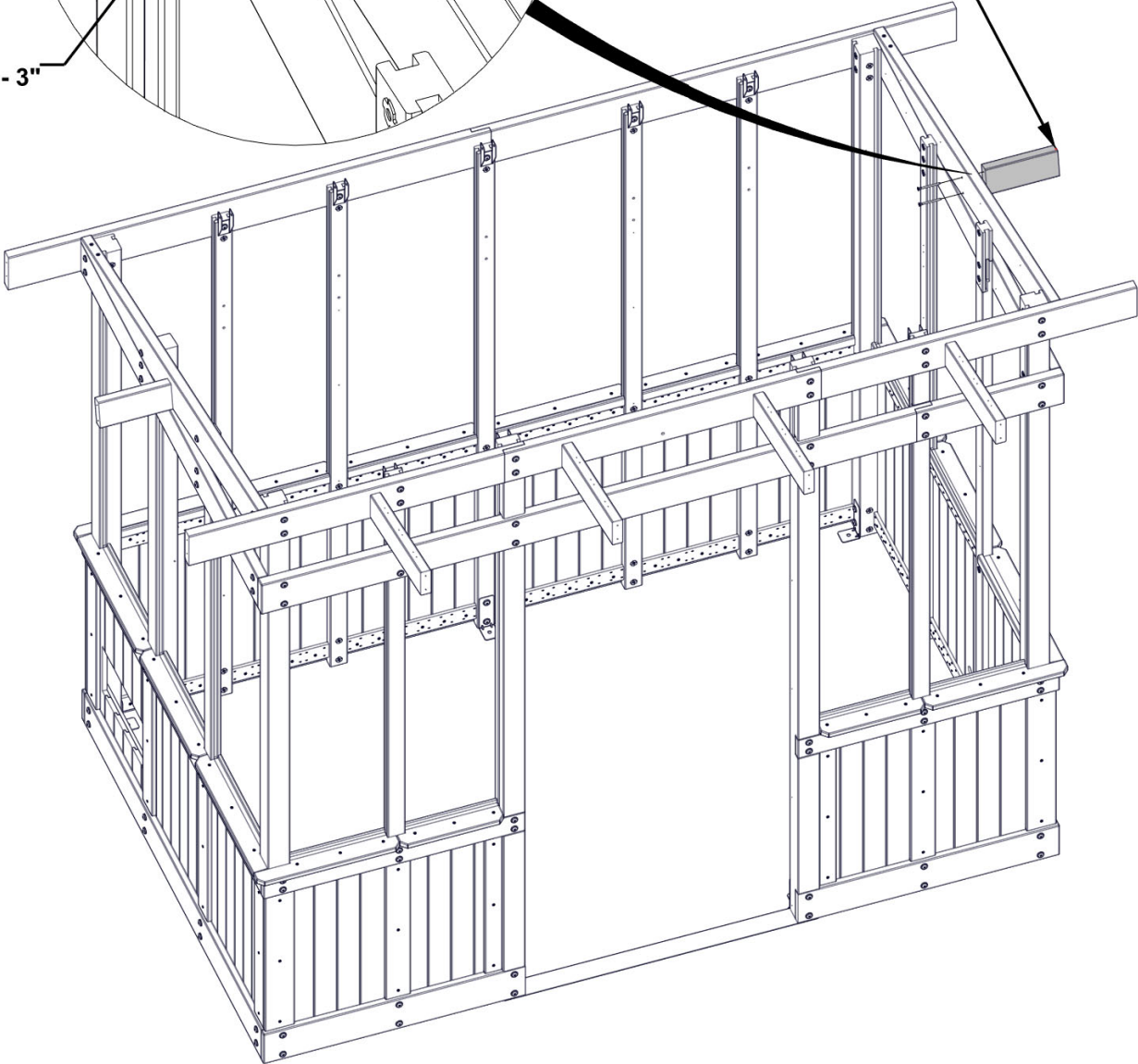
STEP 42 - PERGOLA ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H101008	SCREW CONFIRMAT 7x3 BLK

D11   FASCIA - W4L20718
(x1)   1 7/16"x5 1/4"x35 1/2" (36x134x902)

D12   FASCIA - W4L20719
(x1)   1 7/16"x5 1/4"x53 13/16" (36x134x1367)

- NOTE ORIENTATION OF NOTCHES IN D11 AND D12 FOR CORRECT ORIENTATION.
- ATTACH USING PILOT HOLES IN ENDS OF BOARDS AS SHOWN.

1008 (x6)
CONFIRMAT SCREW - 3"

D12 (x1)
FASCIA

D11 (x1)
FASCIA
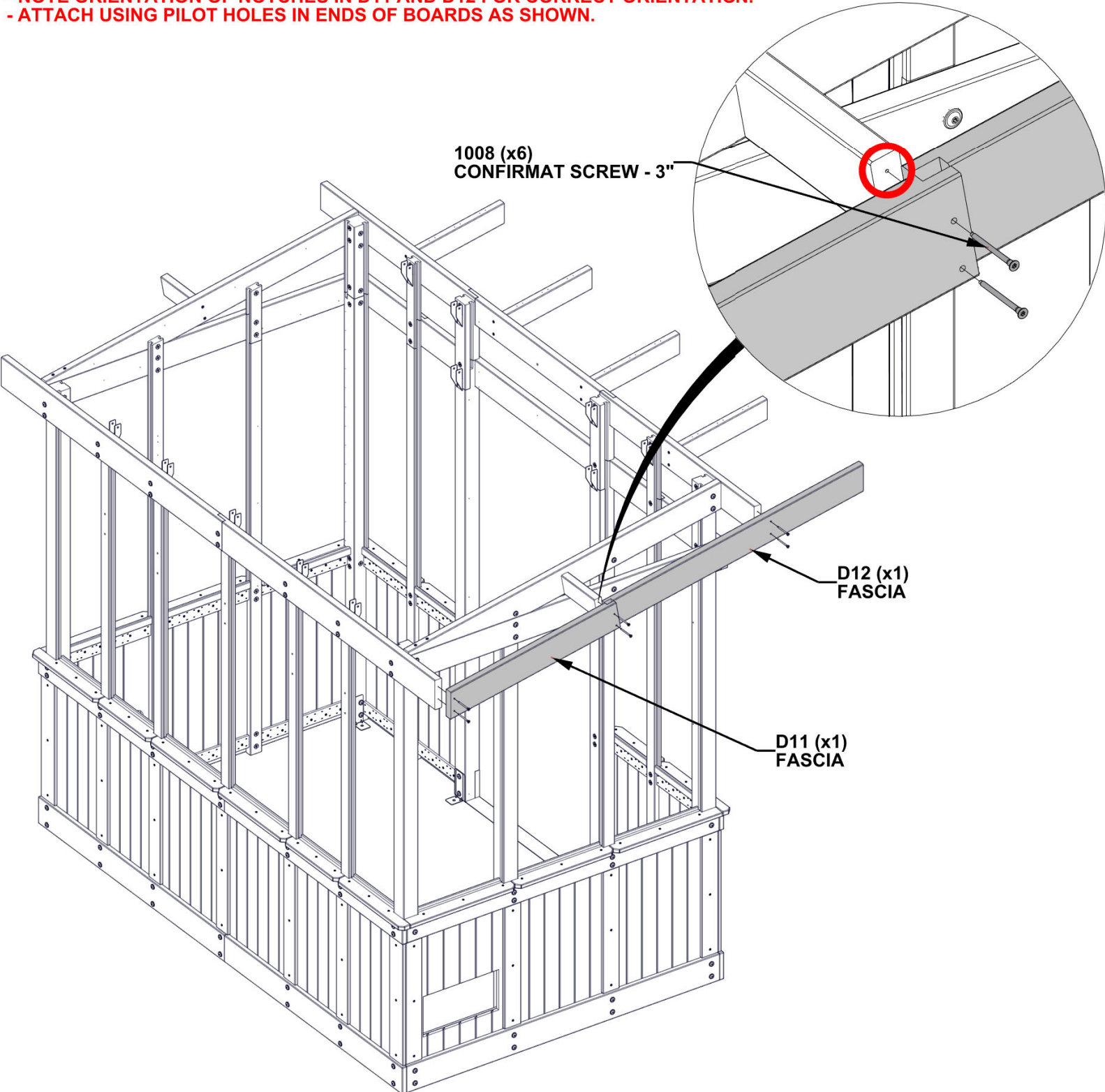
STEP 43 - PERGOLA ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H101008	SCREW CONFIRMAT 7x3 BLK

D11   FASCIA - W4L20718
(x1)   1 7/16"x5 1/4"x35 1/2" (36x134x902)

D13   FASCIA - W4L20720
(x1)   1 7/16"x5 1/4"x53 13/16" (36x134x1367)

- NOTE ORIENTATION OF NOTCHES IN D11 AND D13 FOR CORRECT ORIENTATION.
- ATTACH USING PILOT HOLES IN ENDS OF BOARDS AS SHOWN.

1008 (x6)
CONFIRMAT SCREW - 3"

D13 (x1)
FASCIA

D11 (x1)
FASCIA
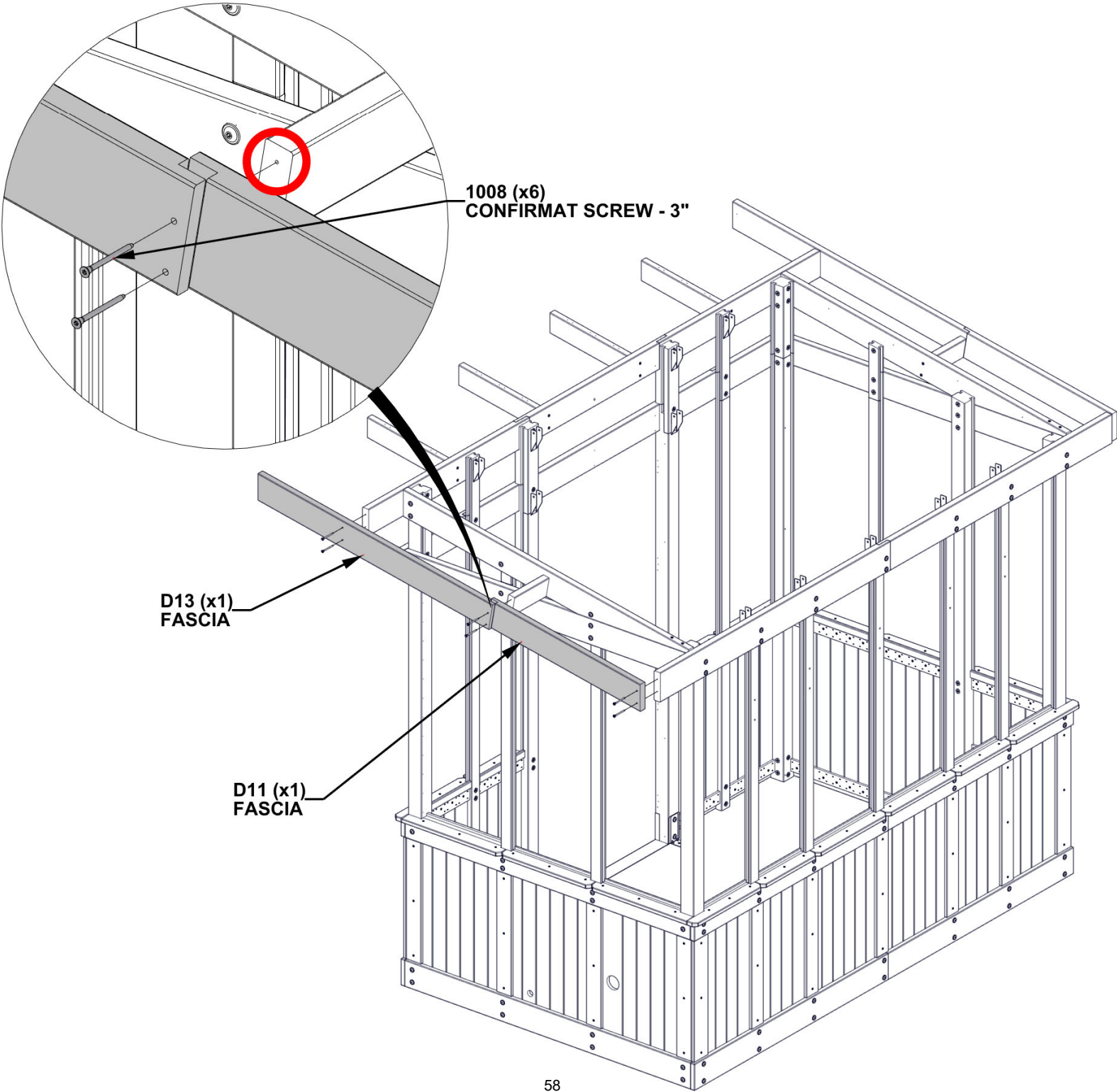
STEP 44 - PERGOLA ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H101008	SCREW CONFIRMAT 7x3 BLK

D14   FASCIA - W4L20721
(x1)   1 7/16"x5 1/4"x53 7/16" (36x134x1358)

D15   FASCIA - W4L20722
(x1)   1 7/16"x5 1/4"x79 7/16" (36x134x2018)

- NOTE ORIENTATION OF NOTCHES IN D14 AND D15 FOR CORRECT ORIENTATION.
- ATTACH USING PILOT HOLES IN ENDS OF BOARDS AS SHOWN.
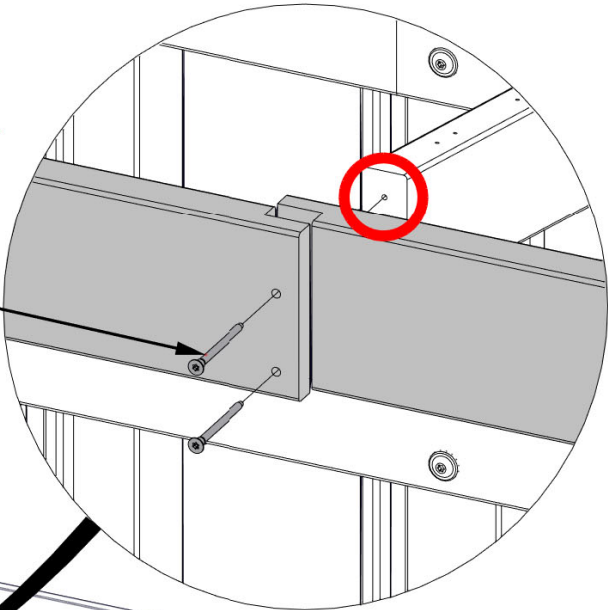
1008 (x12)
CONFIRMAT SCREW - 3"

D14 (x1)
FASCIA

D15 (x1)
FASCIA
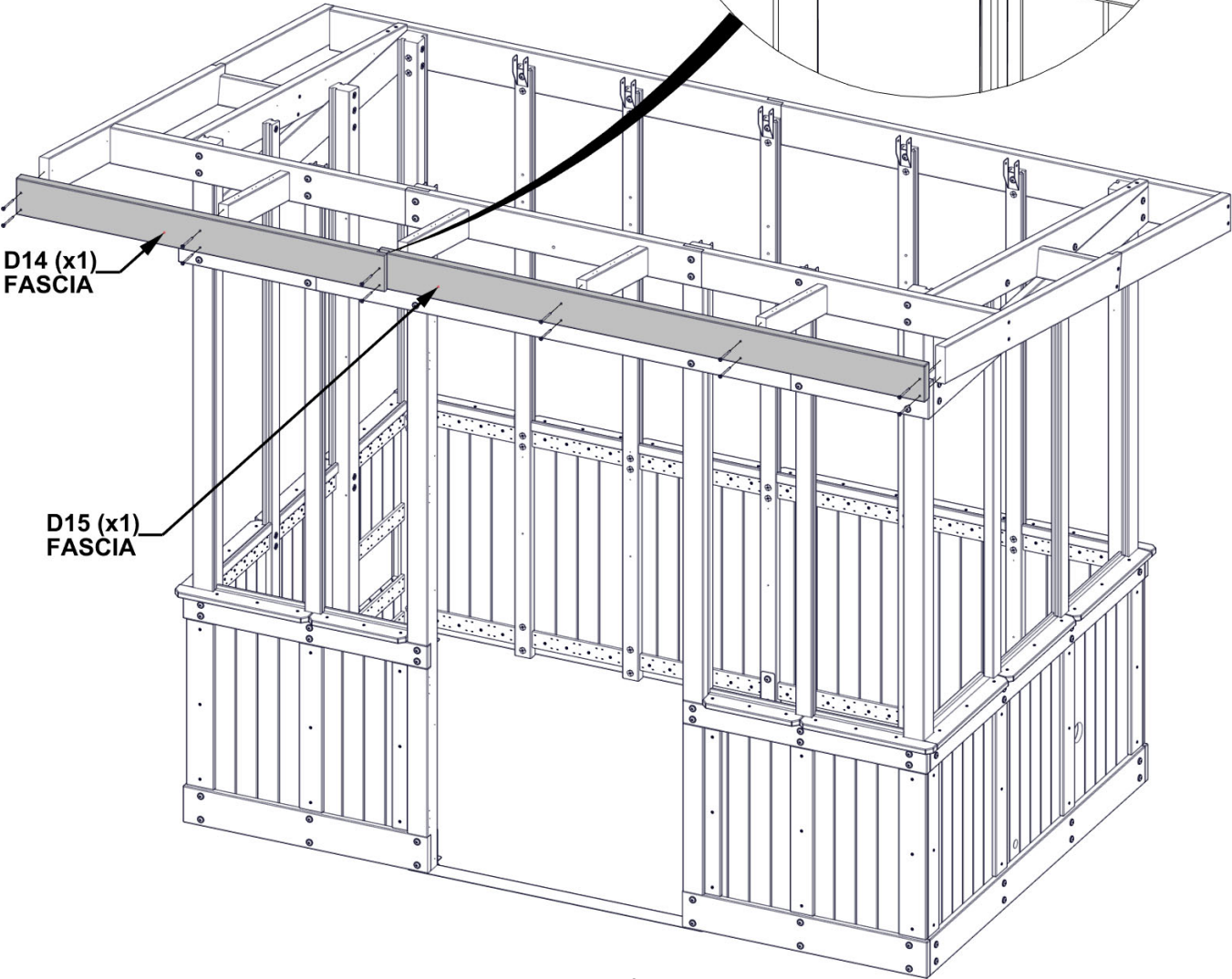
STEP 45 - DOOR TRIM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
10	H100391	SCREW PFH 8x2 BLK

O01   DOOR TRIM - W4L20578
(x2)   5/8"x1 5/16"x80 5/16" (16x34x2040)

1 1/2" [38mm]

ENSURE DOOR STOP IS 1 1/2" [38mm] FROM FRONT OF POST AS SHOWN.

ALIGN PILOT HOLES AND ATTACH AS SHOWN.

391 (x10) SCREW - 2"

O01 (x1) DOOR TRIM
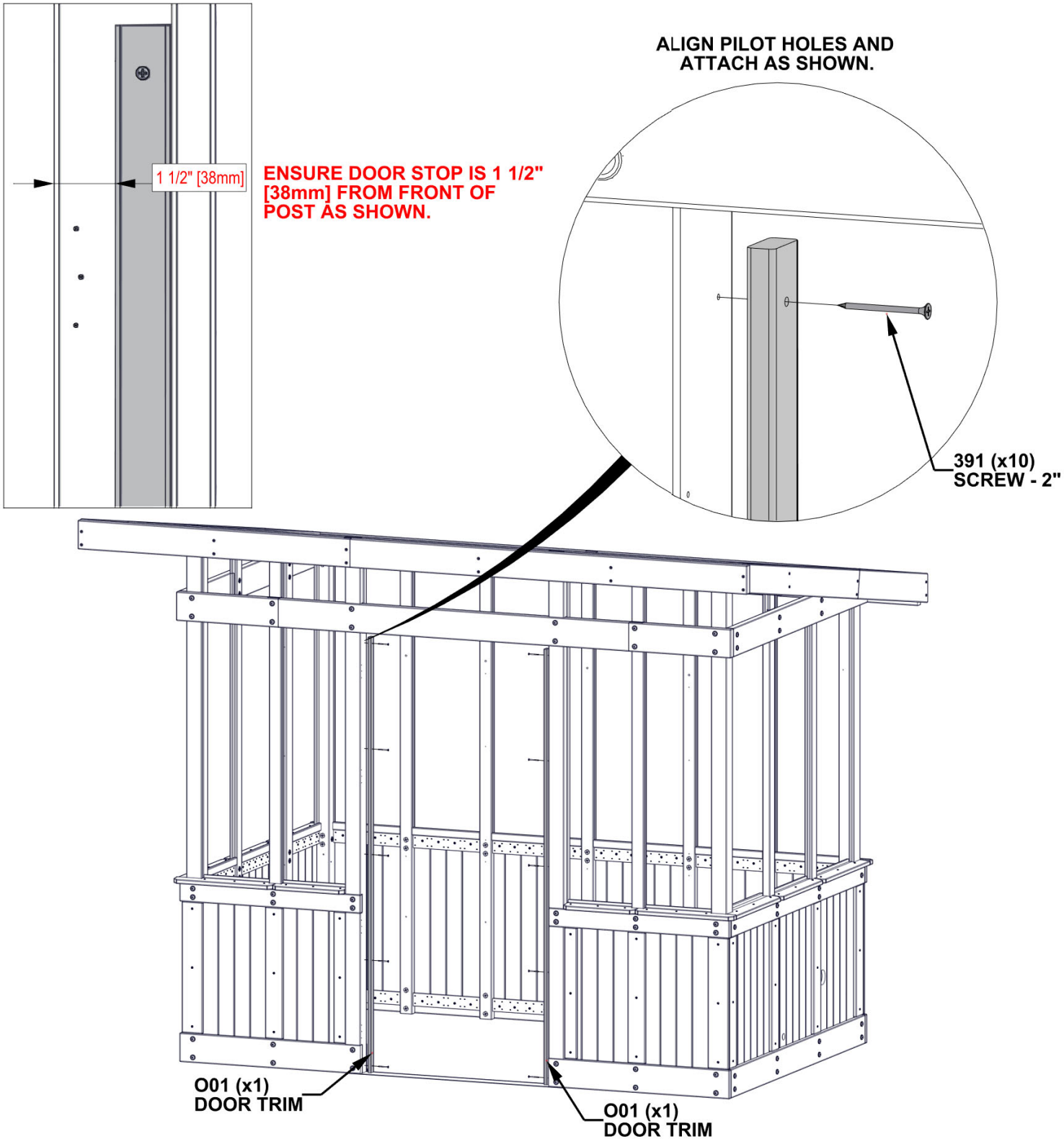
O01 (x1) DOOR TRIM

STEP 46 - DOOR TRIM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H100201	SCREW PFH 8x2 1/2 BLK

AA01   DOOR STOP - W4L20574
(x1)   1 7/8"x1 15/16"x36 15/16" (47x50x938)

P03   WINDOW CAP - W4L20576
(x1)   1 7/16"x1 7/16"x36 15/16" (36x36x938)

- ALIGN PILOT HOLES AND ATTACH AS SHOWN.
- NOTE THE NOTCH IN AA01 AND THE GROOVE
  IN P03 FOR CORRECT ORIENTATION.

P03 (x1)
WINDOW CAP

201 (x6)
SCREW - 2 1/2"

AA01 (x1)
DOOR STOP

ONLY FRONT OF GREENHOUSE SHOWN FOR DETAIL.
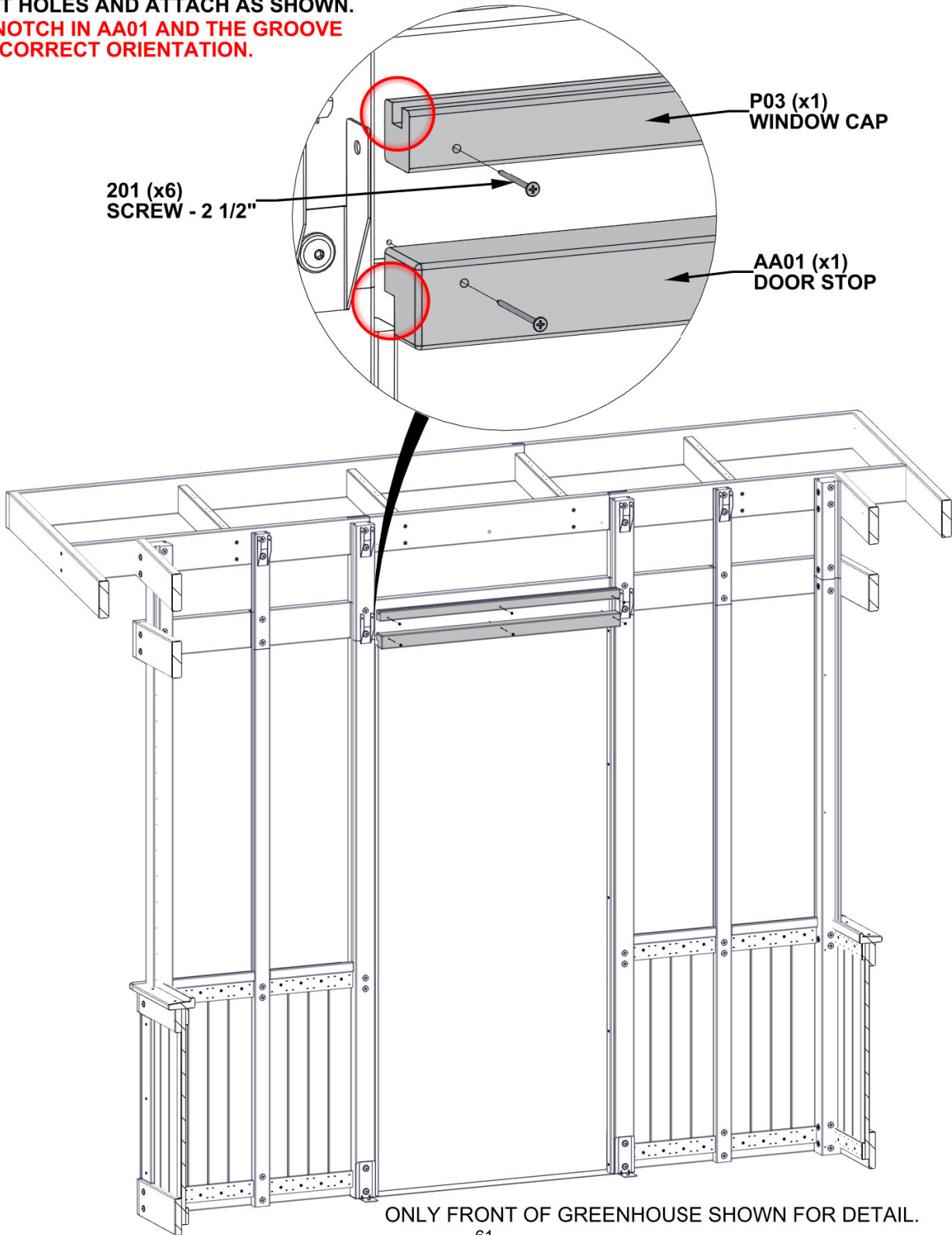
STEP 47 - WINDOW TRIM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
3	H100201	SCREW PFH 8x2 1/2 BLK

F08   WINDOW CAP - W4L20600
(x1)   1 7/16"x2 3/8"x17 13/16" (36x60x453)

ALIGN THROUGH HOLES IN F08 WITH PILOT HOLES IN HEADER.

NOTE GROOVE AND PILOT HOLES IN F08 FOR CORRECT ORIENTATION.

F08 (x1) WINDOW CAP

201 (x3) SCREW - 2 1/2"

ONLY SIDE OF GREENHOUSE
SHOWN FOR DETAIL.
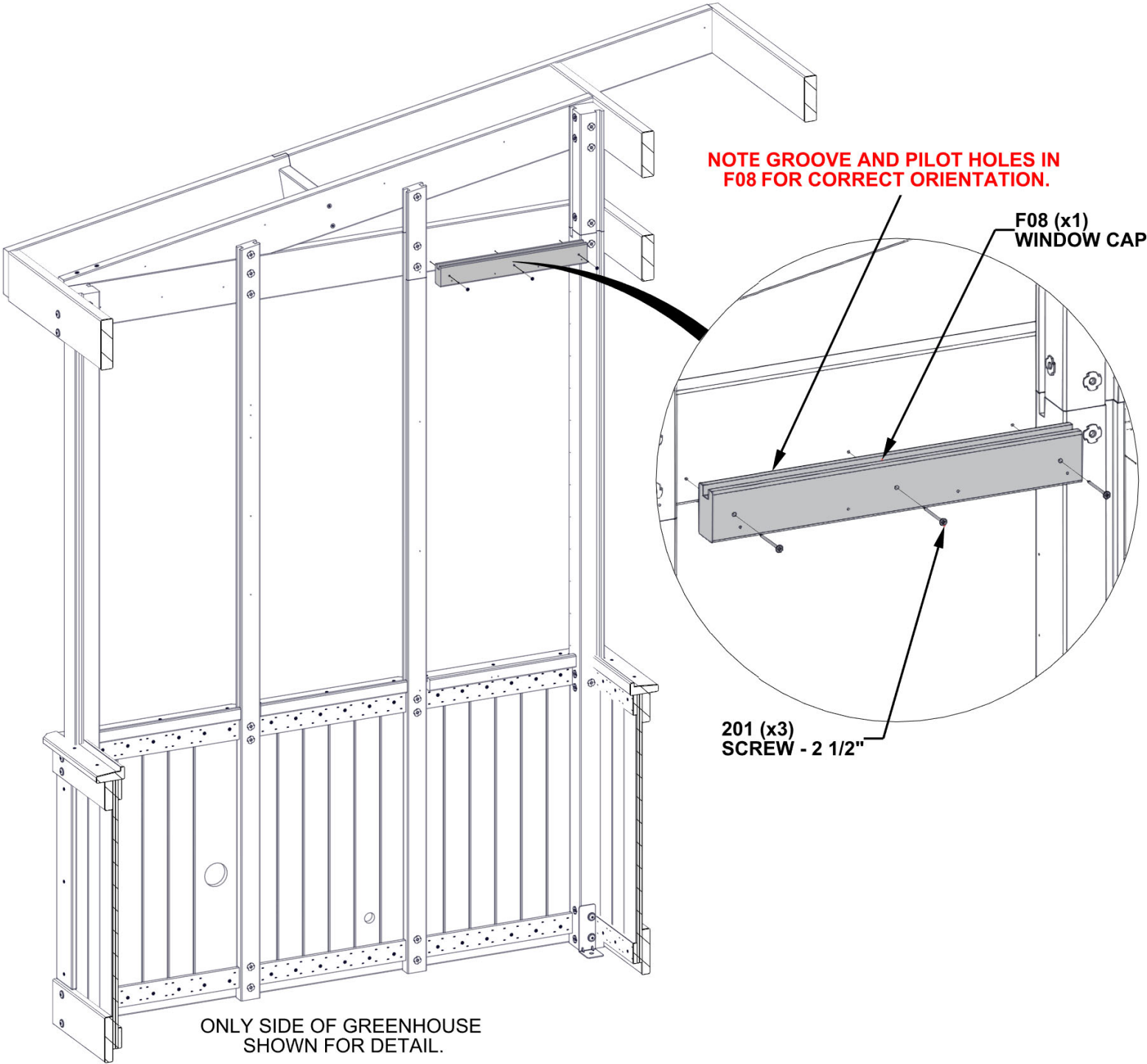
STEP 48 - WINDOW TRIM ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100200	SCREW PFH 8x1 1/2 BLK

N02   WINDOW FRAME - W4L20603
(x1)   5/8"x2 3/8"x17 3/16" (16x60x437)

M02   WINDOW FRAME - W4L20602
(x1)   5/8"x3"x51 5/16" (16x76x1303)

- **NOTE NOTCH FOR CORRECT ORIENTATION OF M02 BOARD.**
- **ALIGN THE 4 THROUGH HOLES IN M02 WITH PILOT HOLES IN UPRIGHTS.**
- **ALIGN THROUGH HOLES IN N02 WITH PILOT HOLES IN BOARDS FROM PREVIOUS STEP.**
- **ATTACH AS SHOWN.**

N02 (x1)
WINDOW FRAME

M02 (x1)
WINDOW FRAME

200 (x8)
SCREW - 1 1/2"
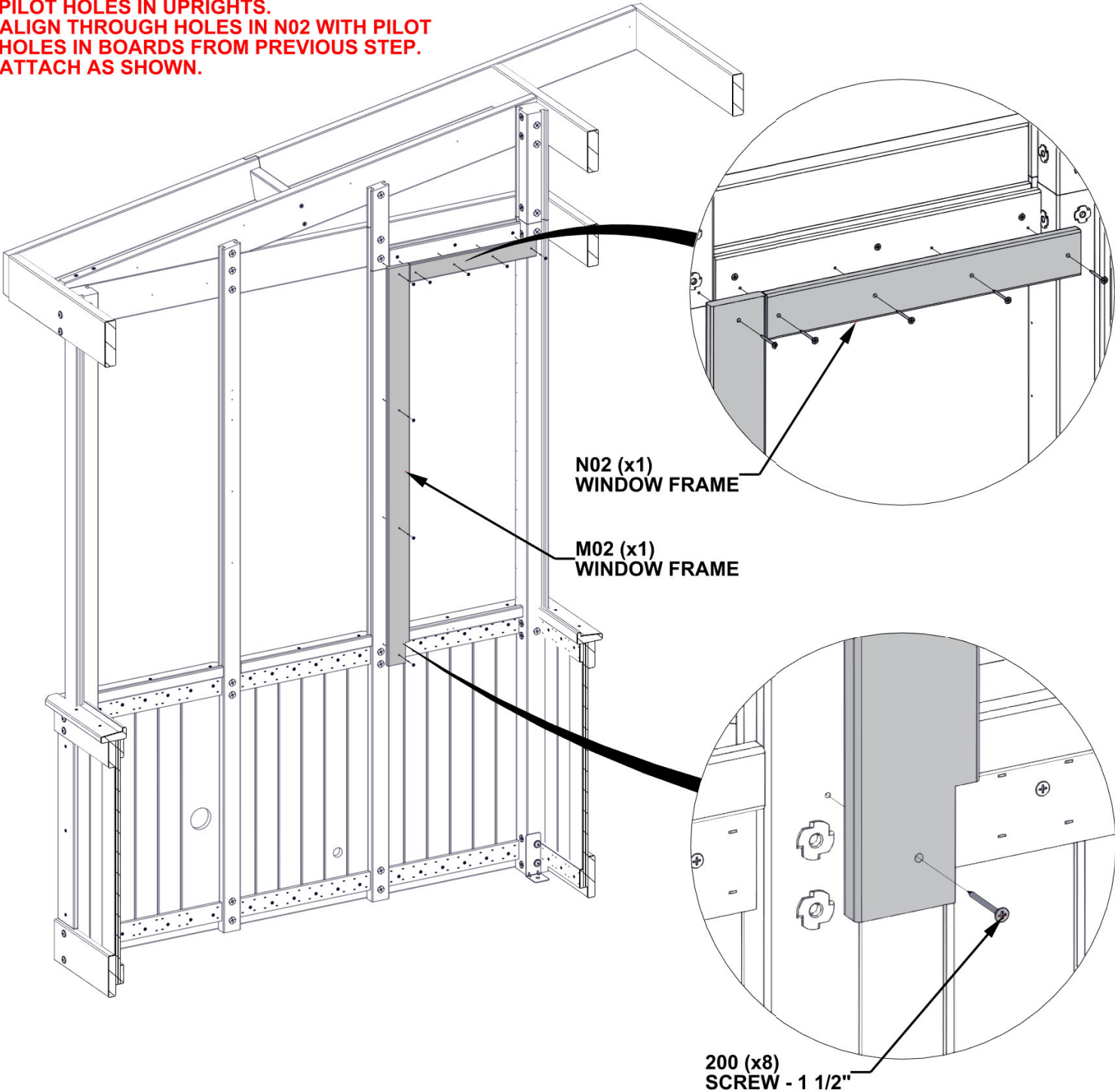
STEP 49 - SHELF BRACKET ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
10	H100171	BOLT WH 1/4x1 BLK
10	H100399	NUT BARREL WH 1/4X7/8 BLK
10	H100400	WASHER LOCK EXT 8x15
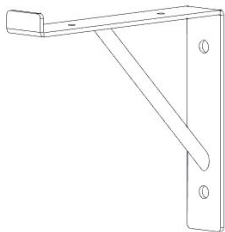
A4M02811   SHELF BRACKET
   (x5)

- ATTACH SHELF BRACKETS TO UPRIGHTS AS SHOWN.
- USE 90 DEGREE DRILL ADAPTER OR WRENCH
  FOR TOP BOLT.

2811 (x5)
SHELF BRACKET

399 (x10)
BARREL NUT - 7/8"

171 (x10)
BOLT - 1"

400 (x10)
WASHER - 8x15

ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.

64
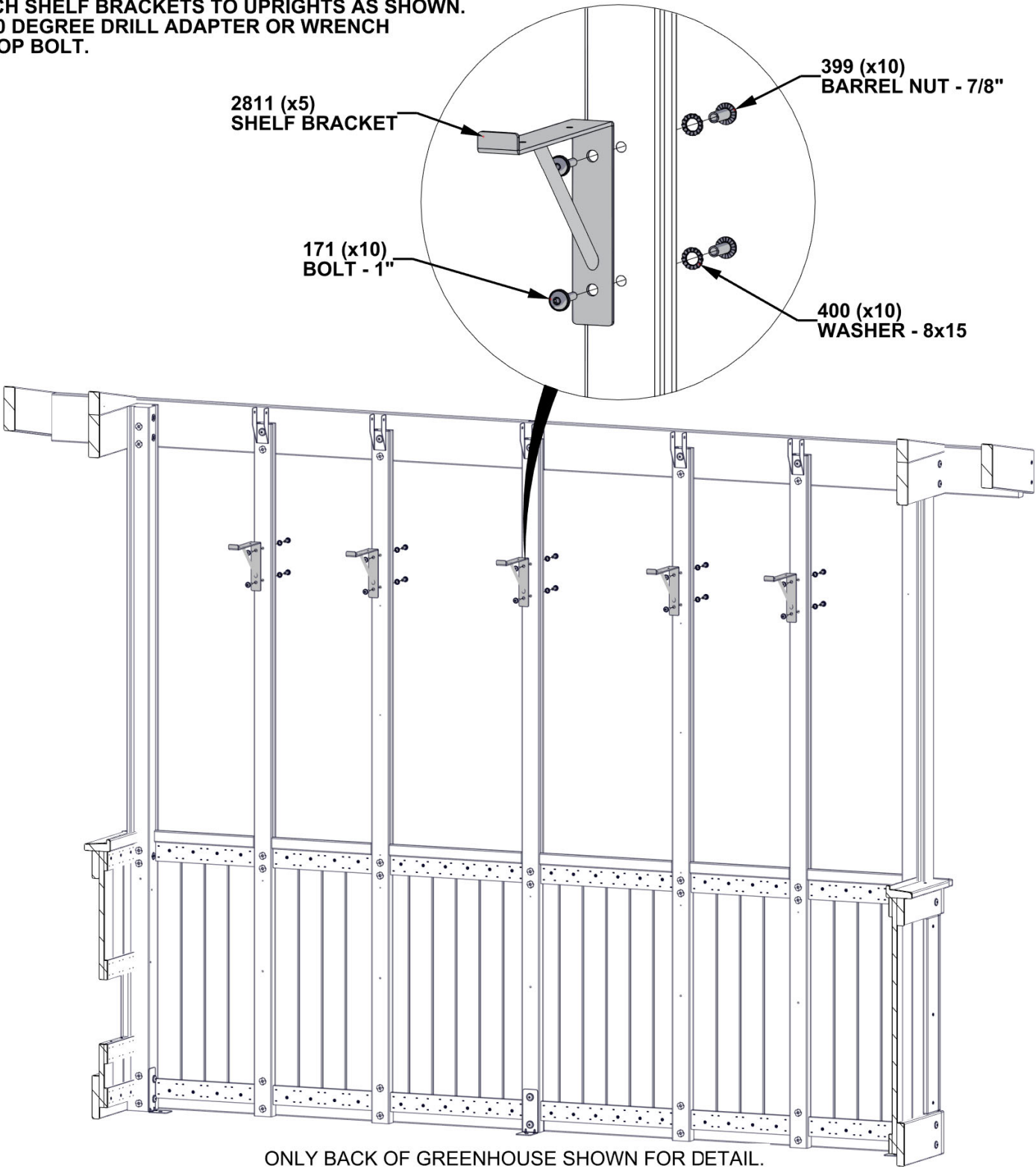
STEP 50 - WINDOW ASSEMBLY

A6P01014   POLY CHANNEL
(x12)

REMOVE TAPE LINER ON POLY CHANNELS BEFORE INSTALLING.
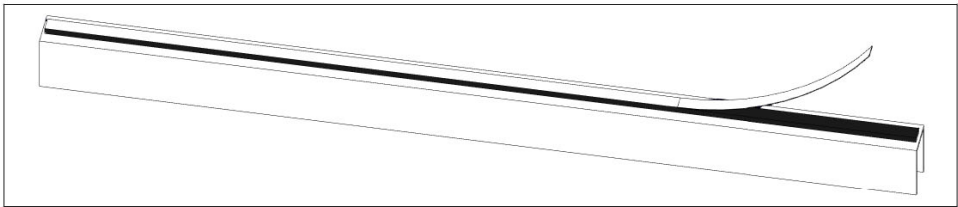
- INSERT POLY CHANNEL INTO GROOVE STARTING AT THE WINDOW SILL AND WORK UPWARDS.
- FIRMLY PRESS CHANNEL INTO GROOVE TO ENSURE TAPE ADHESION.
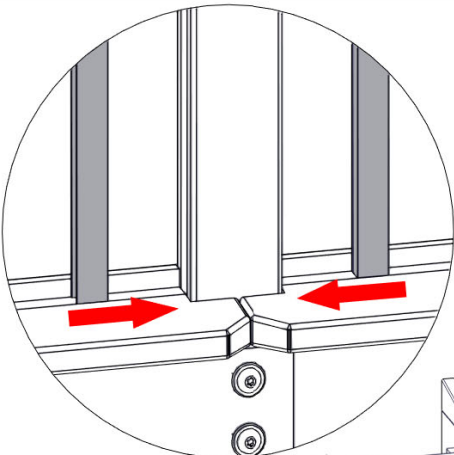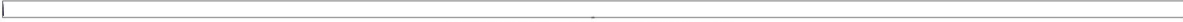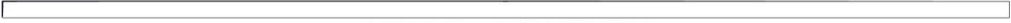
1014 (x12)
POLY CHANNEL
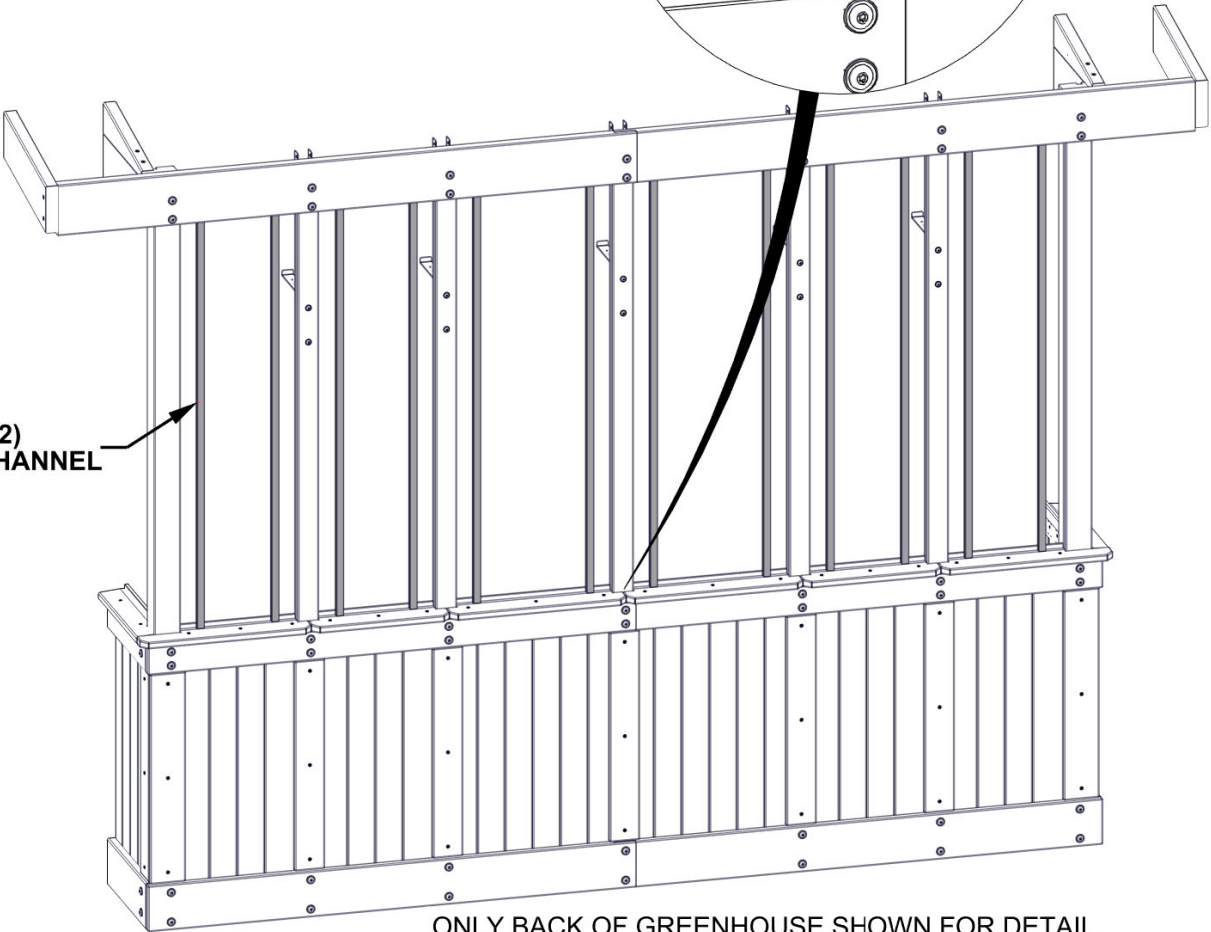
ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.

STEP 51 - WINDOW ASSEMBLY

A6P01006   POLY CHANNEL
(x1)

A6P01007   POLY CHANNEL
(x2)

A6P01008   POLY CHANNEL
(x1)

A6P01083   POLY CHANNEL
(x2)

REMOVE TAPE LINER ON POLY CHANNELS BEFORE INSTALLING.
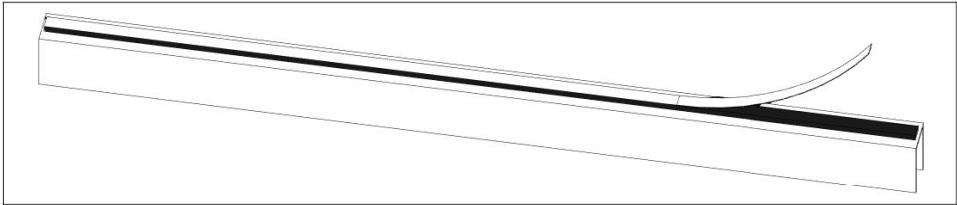
- INSERT POLY CHANNEL INTO GROOVE STARTING AT THE WINDOW SILL AND WORK UPWARDS.
- FIRMLY PRESS CHANNEL INTO GROOVE TO ENSURE TAPE ADHESION.
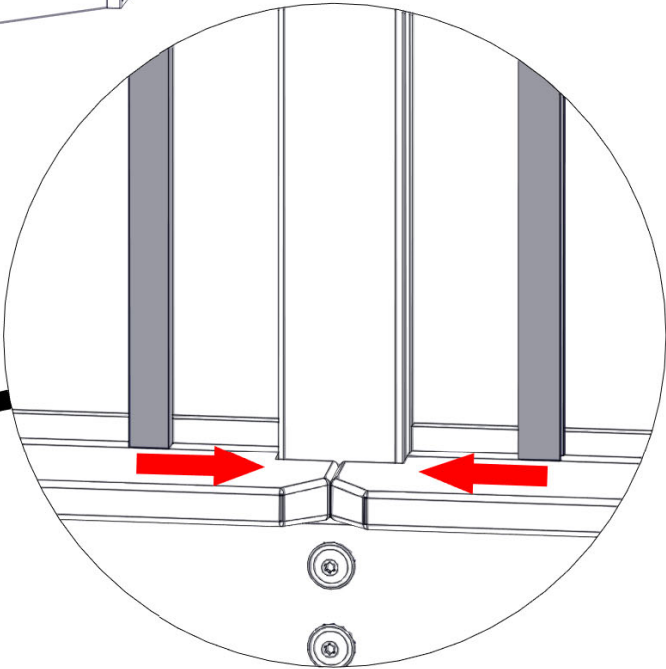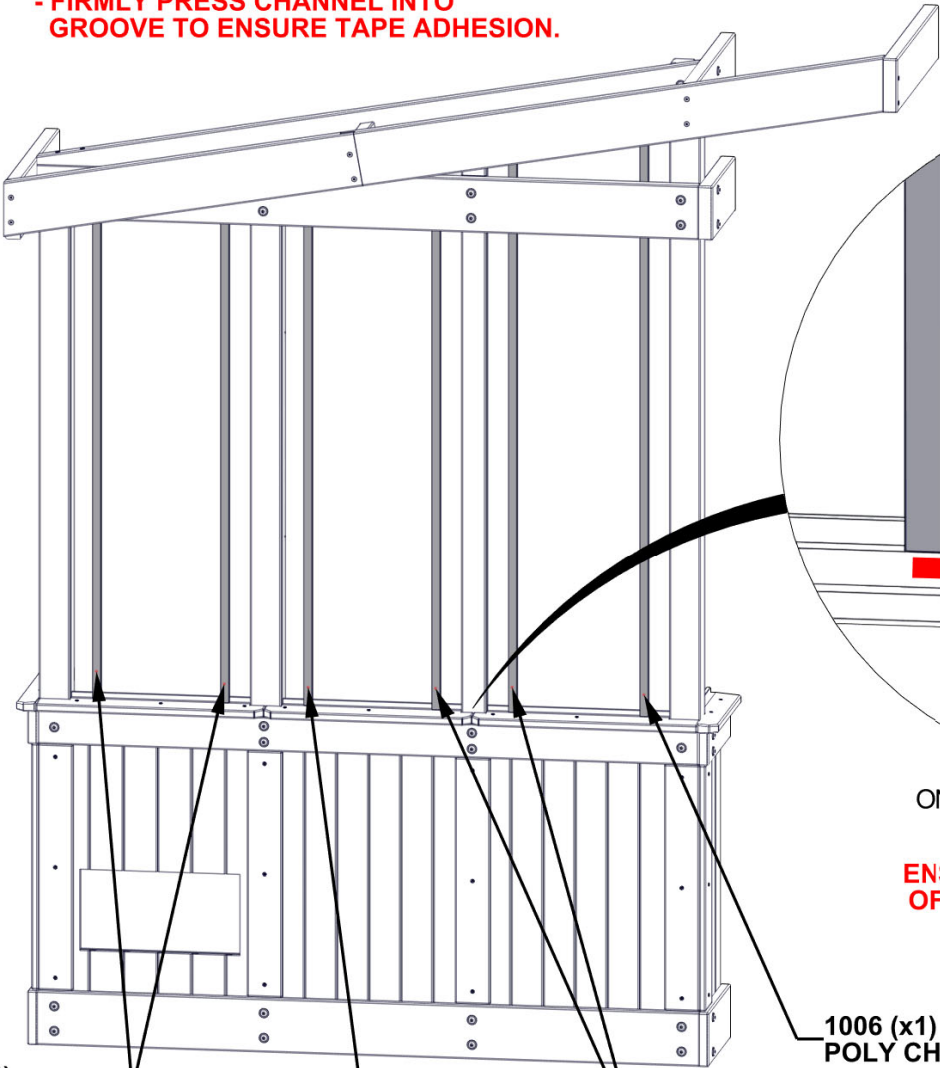
ONLY SIDE OF GREENHOUSE
SHOWN FOR DETAIL.

ENSURE CORRECT PLACEMENT OF EACH CHANNEL AS SHOWN.

1006 (x1)
POLY CHANNEL

1083 (x2)
POLY CHANNEL

1008 (x1)
POLY CHANNEL

1007 (x2)
POLY CHANNEL

STEP 52 - WINDOW ASSEMBLY
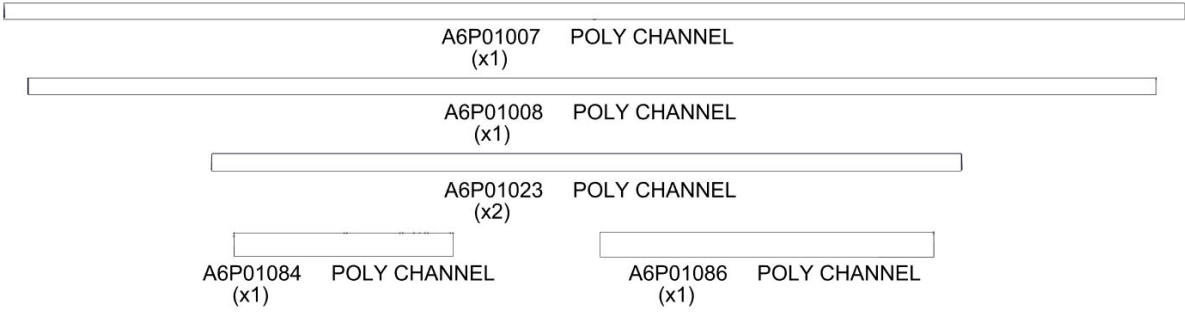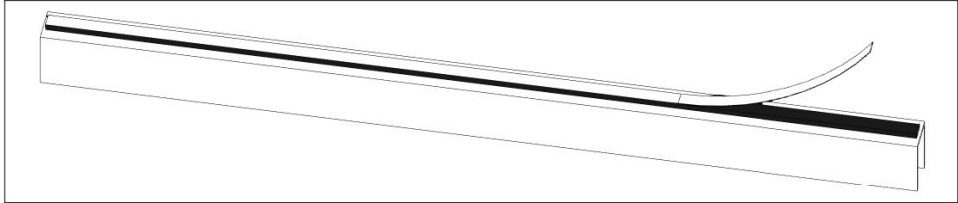
A6P01007   POLY CHANNEL
(x1)

A6P01008   POLY CHANNEL
(x1)

A6P01023   POLY CHANNEL
(x2)

A6P01084   POLY CHANNEL   A6P01086   POLY CHANNEL
(x1)   (x1)

REMOVE TAPE LINER ON POLY CHANNELS BEFORE INSTALLING.

**- INSERT POLY CHANNEL INTO GROOVE
   STARTING AT THE WINDOW SILL AND
   WORK UPWARDS.
 - FIRMLY PRESS CHANNEL INTO
   GROOVE TO ENSURE TAPE ADHESION.**

**1086 (x1)
POLY CHANNEL**

**1084 (x1)
POLY CHANNEL**

**- FOR UPPER WINDOW, POLY
   CHANNEL WILL SIT IN
   HORIZONTAL GROOVE AND
   SLIDE INTO VERTICAL GROOVES.
 - FIRMLY PRESS CHANNEL INTO
   GROOVE TO ENSURE TAPE
   ADHESION.**

**1023 (x2)
POLY CHANNEL**

**1007 (x1)
POLY CHANNEL**

**1008 (x1)
POLY CHANNEL**

ONLY SIDE OF GREENHOUSE
SHOWN FOR DETAIL.

**ENSURE CORRECT PLACEMENT
OF EACH CHANNEL AS SHOWN.**
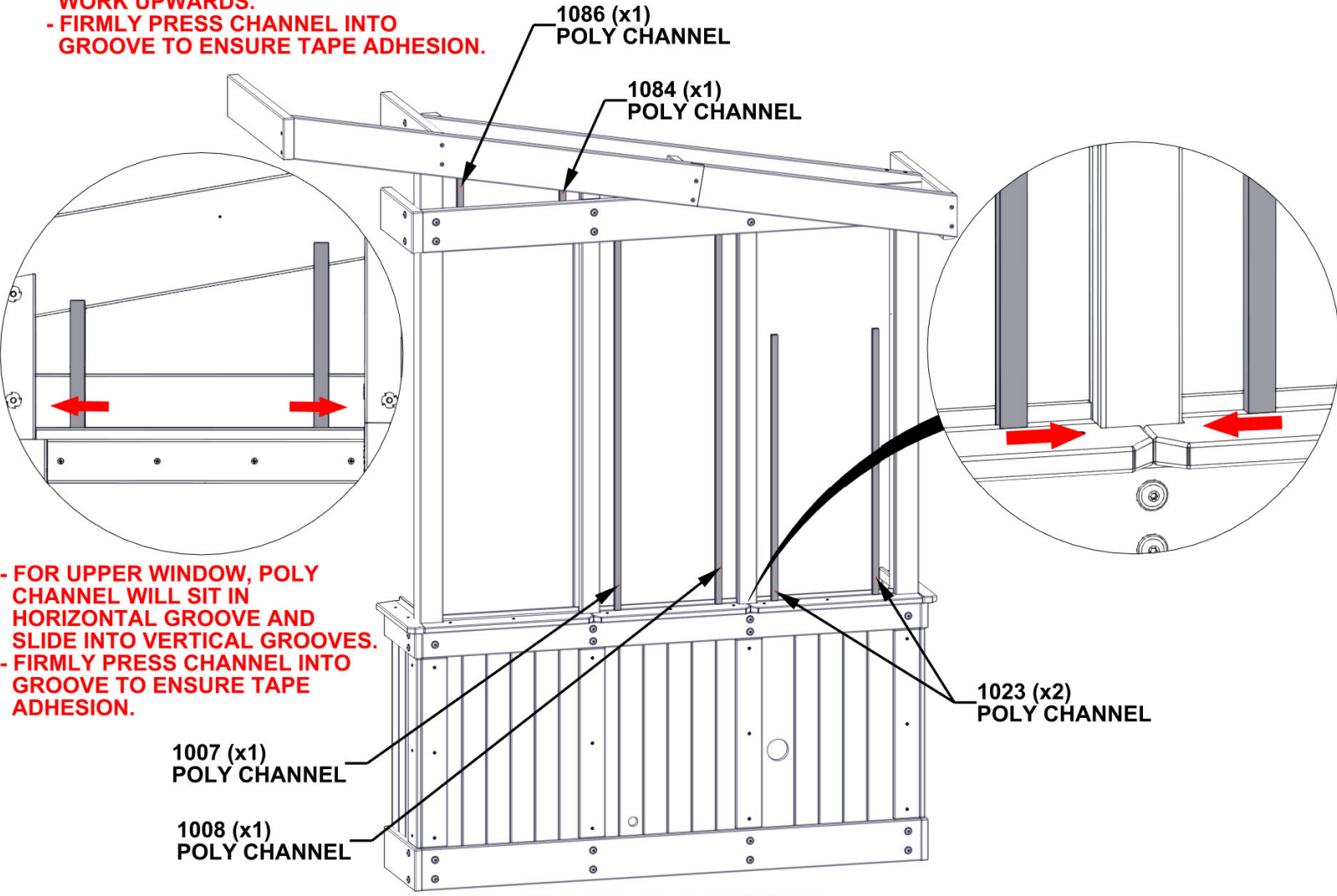
STEP 53 - WINDOW ASSEMBLY

A6P01070   POLY CHANNEL
(x8)

A6P01071   POLY CHANNEL
(x2)

REMOVE TAPE LINER ON POLY CHANNELS BEFORE INSTALLING.
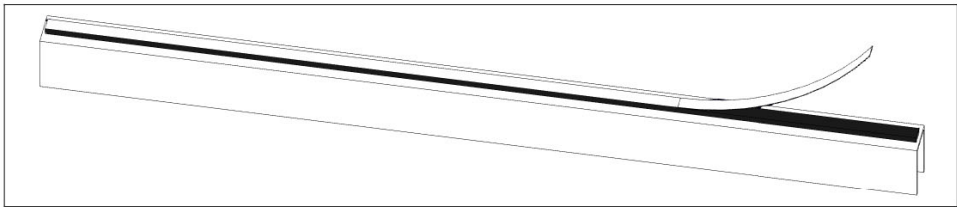
1071 (x2)
POLY CHANNEL

1070 (x8)
POLY CHANNEL

ONLY FRONT OF GREENHOUSE
SHOWN FOR DETAIL.

- INSERT POLY CHANNEL INTO GROOVE
STARTING AT THE WINDOW SILL AND
WORK UPWARDS.
- FIRMLY PRESS CHANNEL INTO
GROOVE TO ENSURE TAPE ADHESION.
- FOR UPPER WINDOW, POLY CHANNEL
WILL SIT IN HORIZONTAL GROOVE AND
SLIDE INTO VERTICAL GROOVES.
- FIRMLY PRESS CHANNEL INTO GROOVE
TO ENSURE TAPE ADHESION.

1071 (x2)
POLY CHANNEL
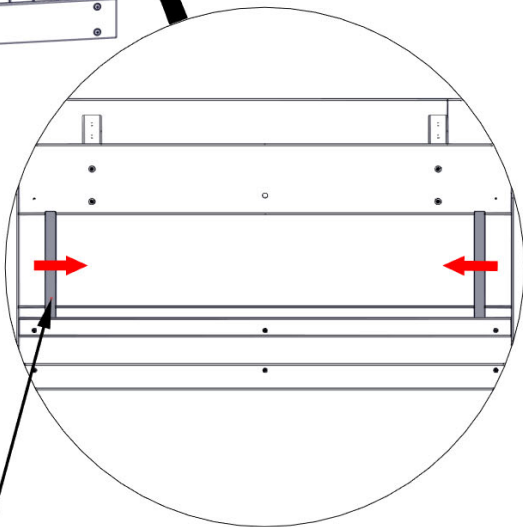
STEP 54 - WINDOW ASSEMBLY

A6P01074   POLY SHEET
(x4)

A6P01073   POLY CHANNEL
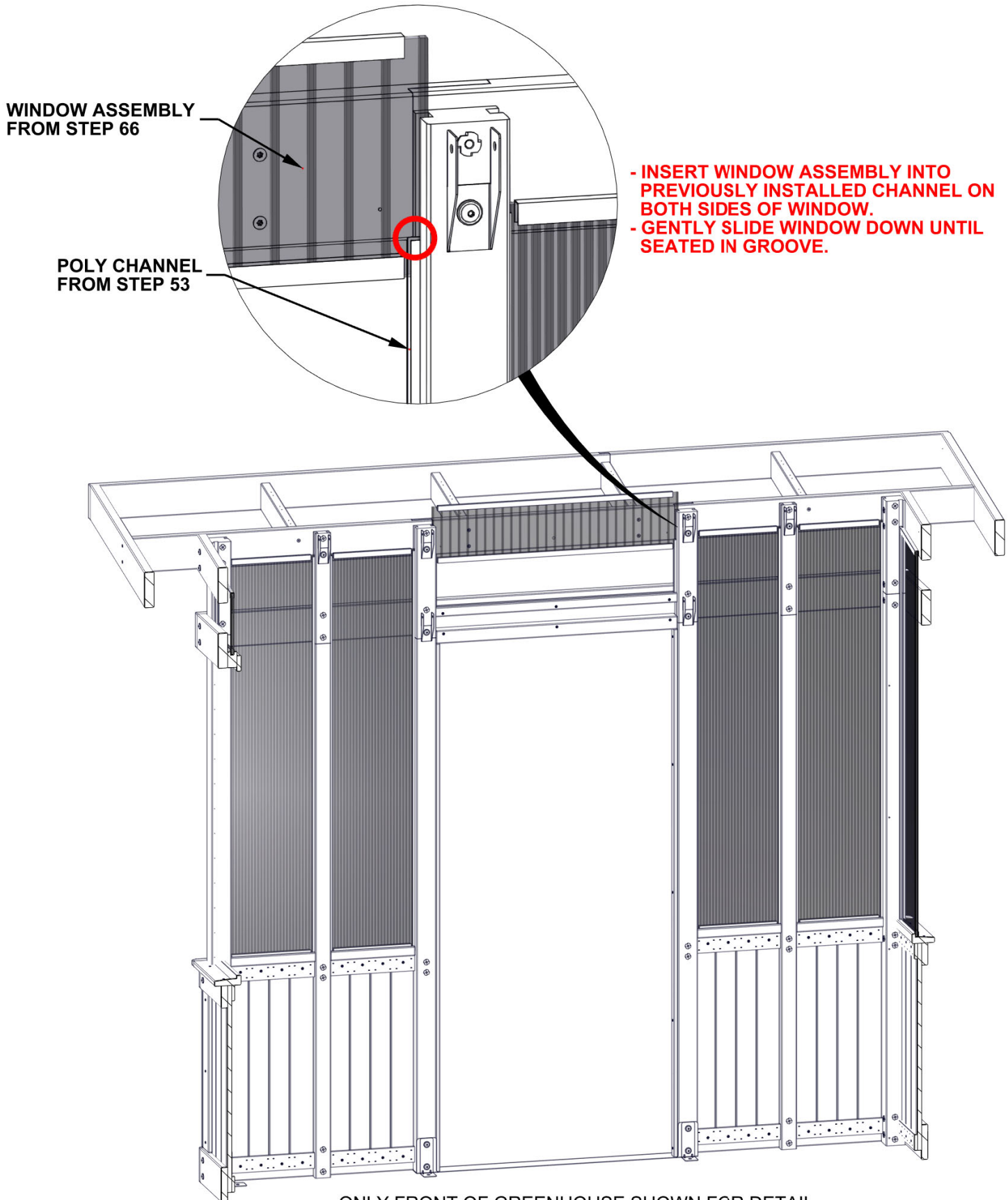(x8)

A6P00690   DUST SEAL TAPE

TO APPLY DUST SEAL TAPE AND POLY CHANNEL:
- CUT 2 STRIPS OF DUST SEAL TAPE THE SAME WIDTH AS THE POLY SHEET.
- WRAP DUST SEAL TAPE ALONG EDGE OF POLY SHEET WIDTH.
- AFTER TAPE IS SECURE, PUSH CHANNEL ON OVER THE TAPE, CENTERING ON THE POLY SHEET.
- REPEAT ON THE BOTTOM SIDE OF POLY SHEET.
- REPEAT FOR ALL FOUR WINDOW ASSEMBLIES.
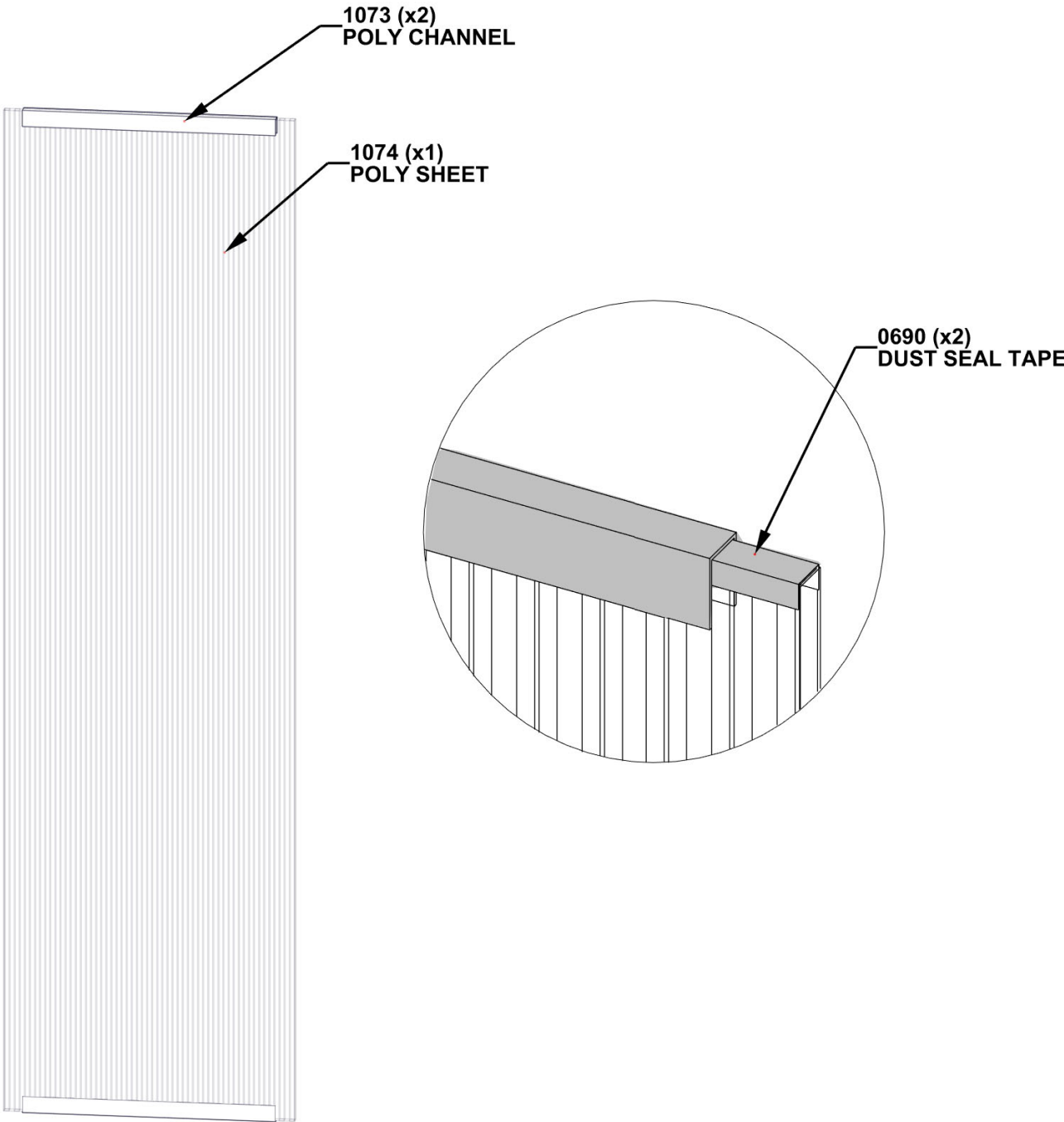
1073 (x2)
POLY CHANNEL

1074 (x1)
POLY SHEET

0690 (x2)
DUST SEAL TAPE

STEP 55 - WINDOW ASSEMBLY

IMPORTANT!

- ENSURE UV SIDE OF WINDOW IS FACING OUTSIDE.
**- ONCE WINDOW IS INSTALLED, IT IS SAFE TO REMOVE THE PROTECTIVE FILM.**

WINDOW ASSEMBLY
FROM STEP 54

- INSERT WINDOW ASSEMBLY INTO
PREVIOUSLY INSTALLED CHANNEL ON
BOTH SIDES OF WINDOW.
- GENTLY SLIDE WINDOW DOWN UNTIL
SEATED ON WINDOW SILL.

WINDOW SILL

POLY CHANNEL
FROM STEP 50

OUTSIDE VIEW

ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.
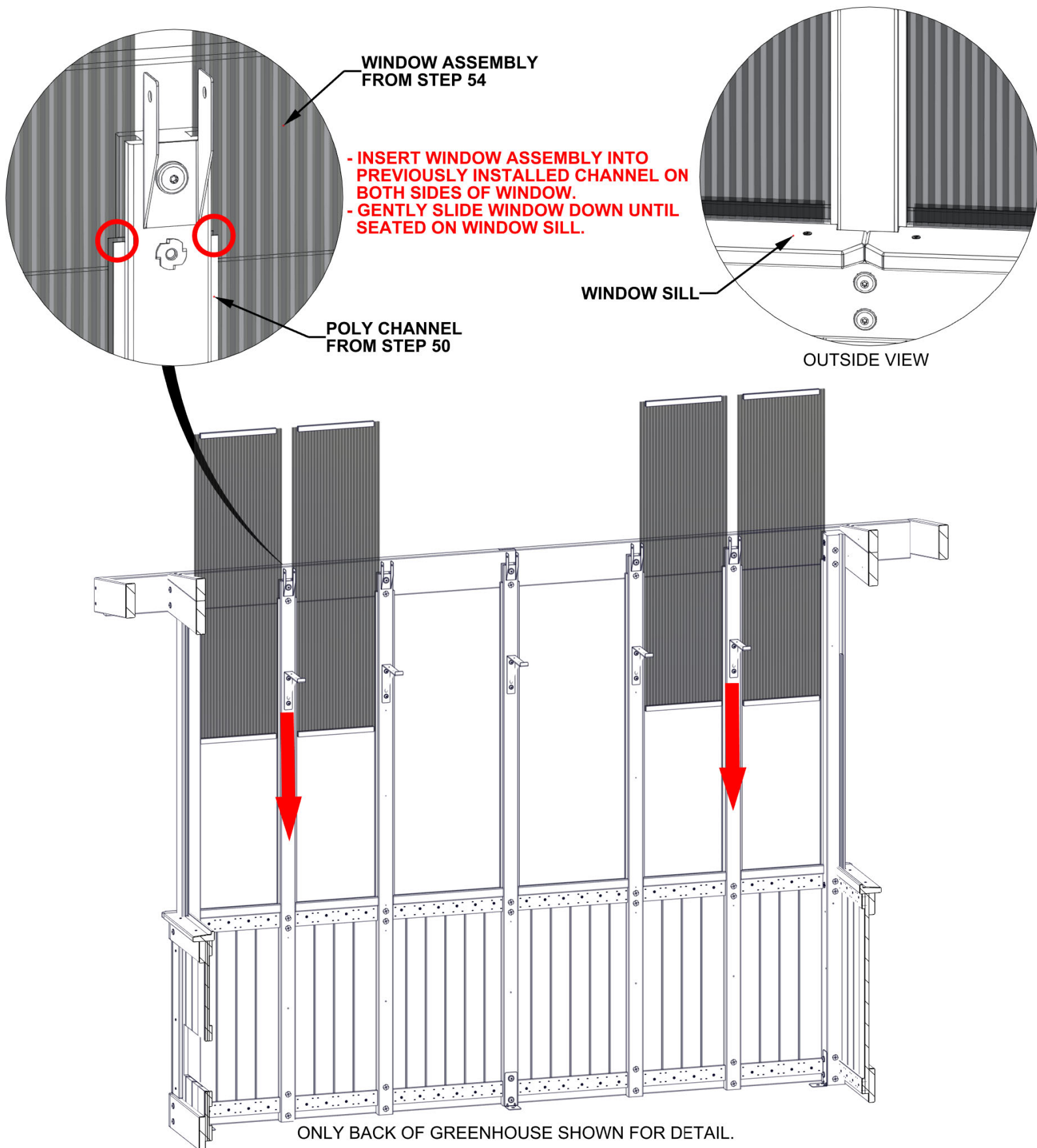
STEP 56 - WINDOW ASSEMBLY

A6P01025   POLY SHEET
(x2)

A6P01026   POLY CHANNEL
(x4)

A6P00690   DUST SEAL TAPE

TO APPLY DUST SEAL TAPE AND POLY CHANNEL:
- CUT 2 STRIPS OF DUST SEAL TAPE THE SAME WIDTH AS THE POLY SHEET.
- WRAP DUST SEAL TAPE ALONG EDGE OF POLY SHEET WIDTH.
- AFTER TAPE IS SECURE, PUSH CHANNEL ON OVER THE TAPE, CENTERING ON THE POLY SHEET.
- REPEAT ON THE BOTTOM SIDE OF POLY SHEET.
- REPEAT FOR BOTH WINDOW ASSEMBLIES.

1026 (x2)
POLY CHANNEL

1025 (x1)
POLY SHEET

0690 (x2)
DUST SEAL TAPE
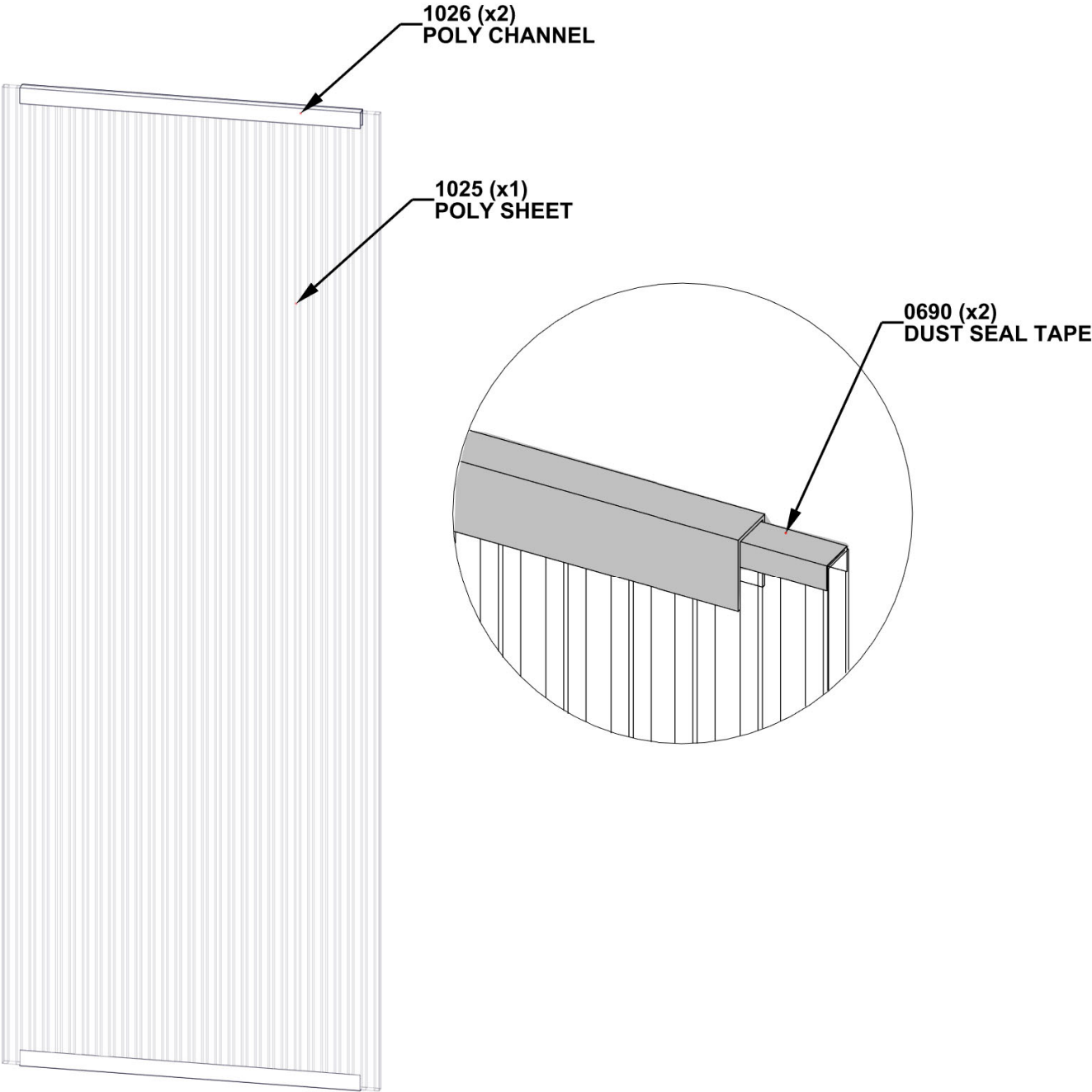
STEP 57 - WINDOW ASSEMBLY

IMPORTANT!

- ENSURE UV SIDE OF WINDOW IS FACING OUTSIDE.
- ONCE WINDOW IS INSTALLED, IT IS SAFE TO REMOVE THE PROTECTIVE FILM.
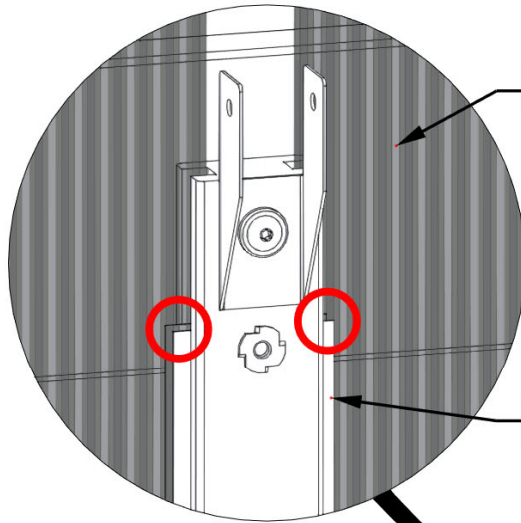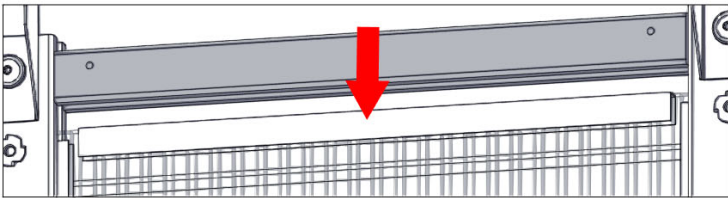
WINDOW ASSEMBLY
FROM STEP 56

- INSERT WINDOW ASSEMBLY INTO
PREVIOUSLY INSTALLED CHANNEL ON
BOTH SIDES OF WINDOW.
- GENTLY SLIDE WINDOW DOWN UNTIL
SEATED ON WINDOW SILL.

POLY CHANNEL
FROM STEP 50
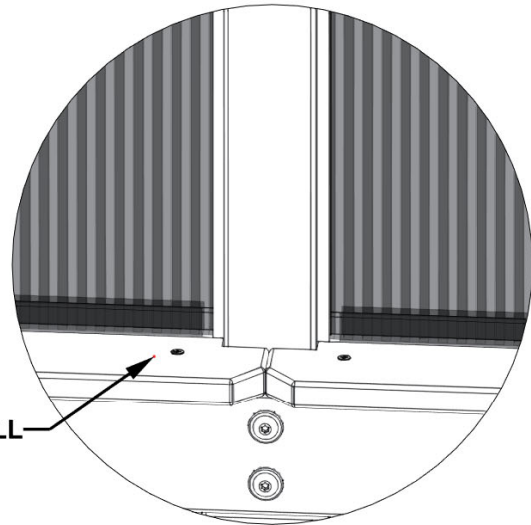
WINDOW SILL

OUTSIDE VIEW
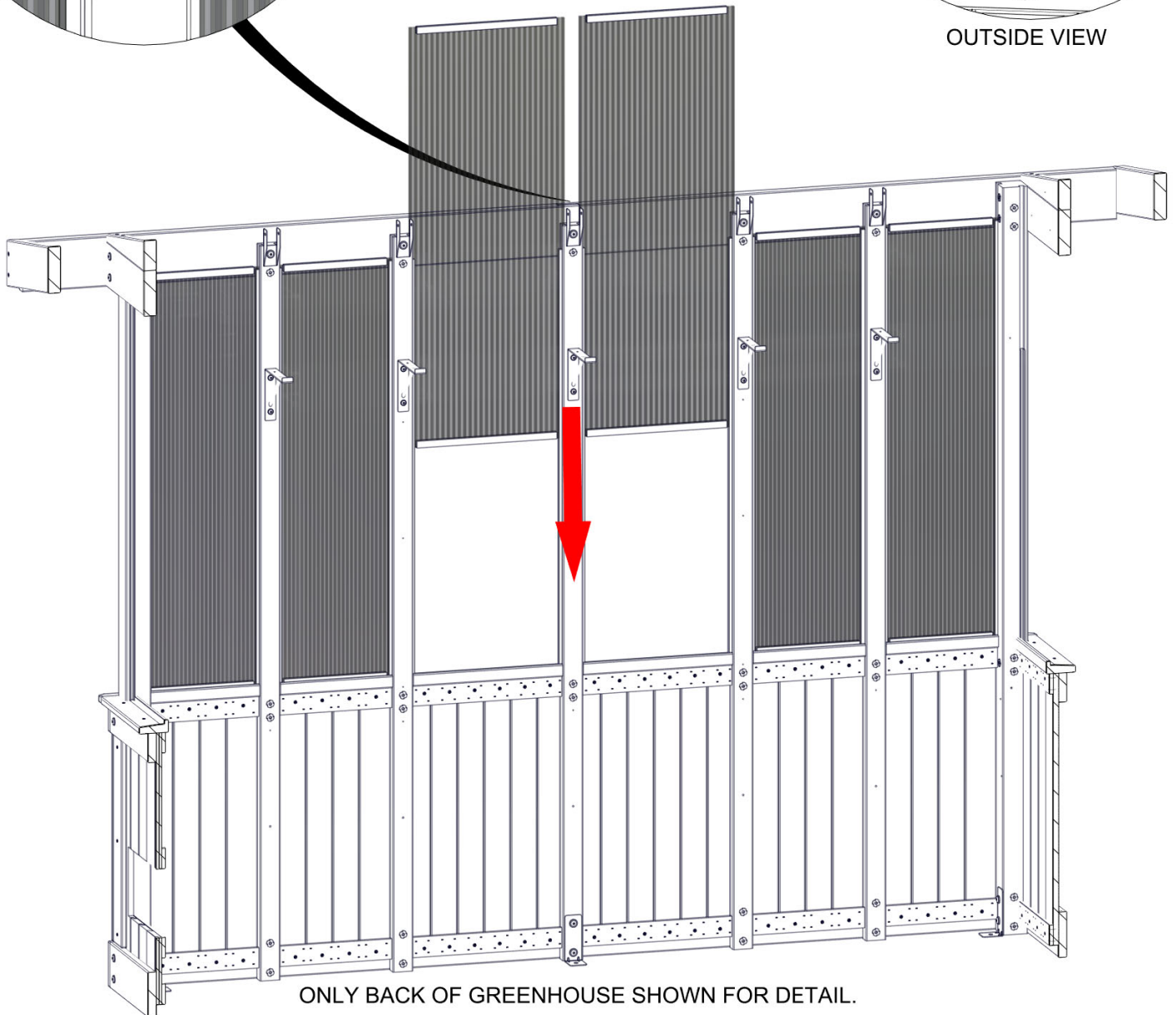
ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.

STEP 58 - WINDOW ASSEMBLY
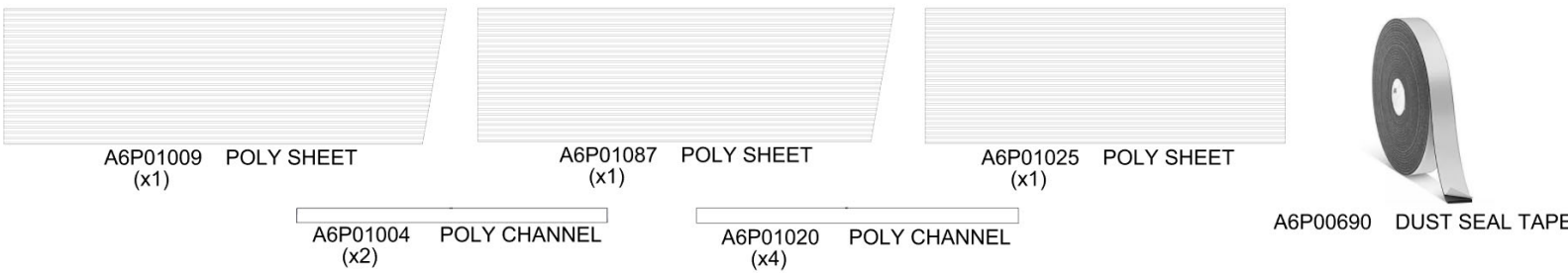
A6P01009   POLY SHEET
(x1)

A6P01087   POLY SHEET
(x1)

A6P01025   POLY SHEET
(x1)

A6P00690   DUST SEAL TAPE

A6P01004   POLY CHANNEL
(x2)

A6P01020   POLY CHANNEL
(x4)

TO APPLY DUST SEAL TAPE AND POLY CHANNEL:
- CUT 2 STRIPS OF DUST SEAL TAPE THE SAME WIDTH AS THE POLY SHEET.
- WRAP DUST SEAL TAPE ALONG EDGE OF POLY SHEET WIDTH.
- AFTER TAPE IS SECURE, PUSH CHANNEL ON OVER THE TAPE, CENTERING ON THE POLY SHEET.
- REPEAT ON THE BOTTOM SIDE OF POLY SHEET.

1004 (x2)
POLY CHANNEL

1020 (x2)
POLY CHANNEL

1009 (x1)
POLY SHEET

1087 (x1)
POLY SHEET

1020 (x2)
POLY CHANNEL

1025 (x1)
POLY SHEET

0690 (x6)
DUST SEAL TAPE
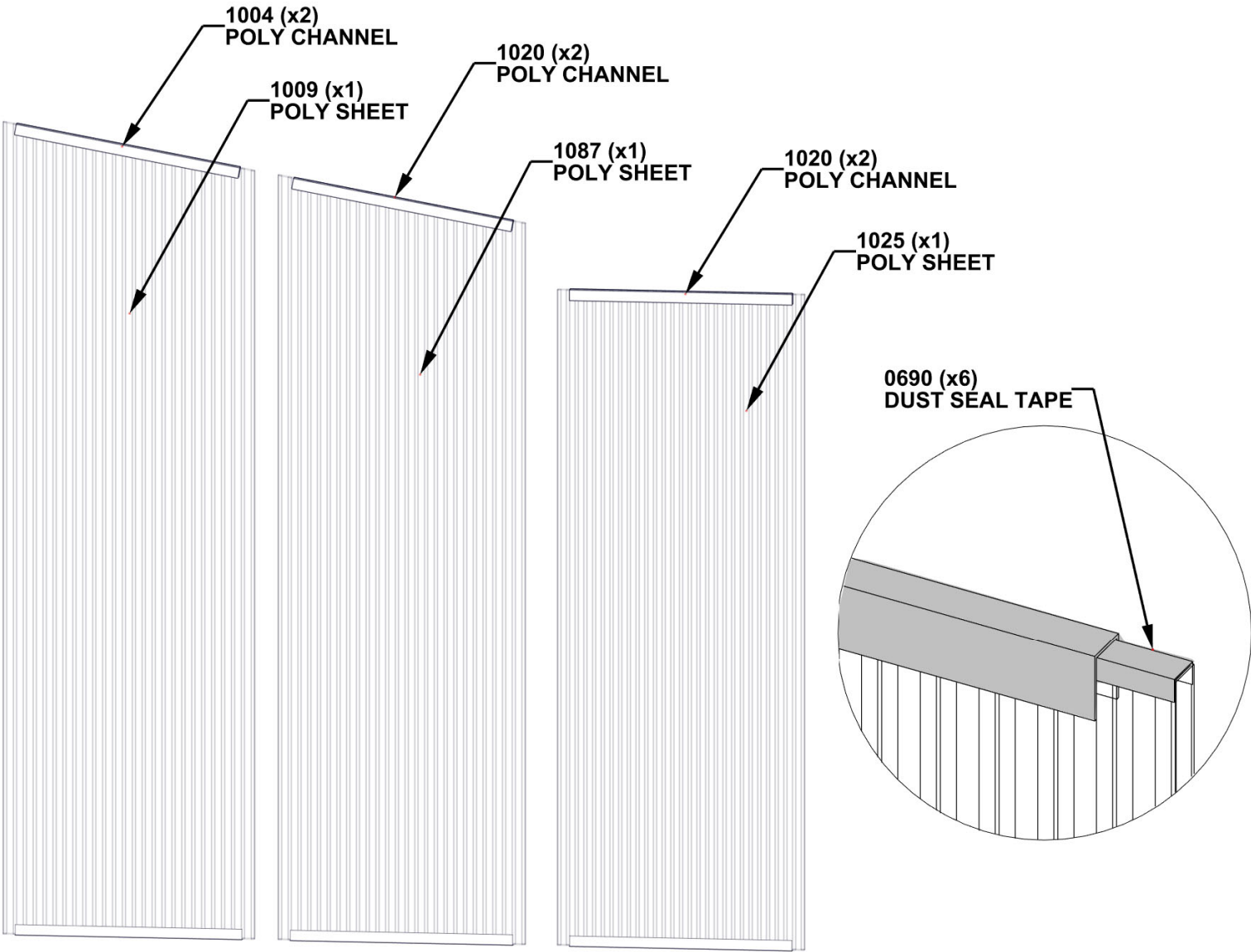
STEP 59 - WINDOW ASSEMBLY

IMPORTANT!

- ENSURE UV SIDE OF WINDOW IS FACING OUTSIDE.
- ONCE WINDOW IS INSTALLED, IT IS SAFE TO REMOVE THE PROTECTIVE FILM.

**WINDOW ASSEMBLY
FROM STEP 58**

**- INSERT WINDOW ASSEMBLY INTO
PREVIOUSLY INSTALLED CHANNEL ON
BOTH SIDES OF WINDOW.
- GENTLY SLIDE WINDOW DOWN UNTIL
SEATED ON WINDOW SILL.**

**POLY CHANNEL
FROM STEP 51**

WINDOW SILL

OUTSIDE VIEW

**1025 - FROM
PREVIOUS STEP**

**1009 - FROM
PREVIOUS STEP**

**1087 - FROM
PREVIOUS STEP**

ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.

STEP 60 - WINDOW ASSEMBLY

A6P01085   POLY SHEET
(x1)

A6P01088   POLY SHEET
(x1)

A6P01089   POLY SHEET
(x1)

A6P00690   DUST SEAL TAPE

A6P01020   POLY CHANNEL
(x6)

TO APPLY DUST SEAL TAPE AND POLY CHANNEL:
- CUT 2 STRIPS OF DUST SEAL TAPE THE SAME WIDTH AS THE POLY SHEET.
- WRAP DUST SEAL TAPE ALONG EDGE OF POLY SHEET WIDTH.
- AFTER TAPE IS SECURE, PUSH CHANNEL ON OVER THE TAPE, CENTERING ON THE POLY SHEET.
- REPEAT ON THE BOTTOM SIDE OF POLY SHEET.

1020 (x6)
POLY CHANNEL

1088 (x1)
POLY SHEET

0690 (x6)
DUST SEAL TAPE

1089 (x1)
POLY SHEET
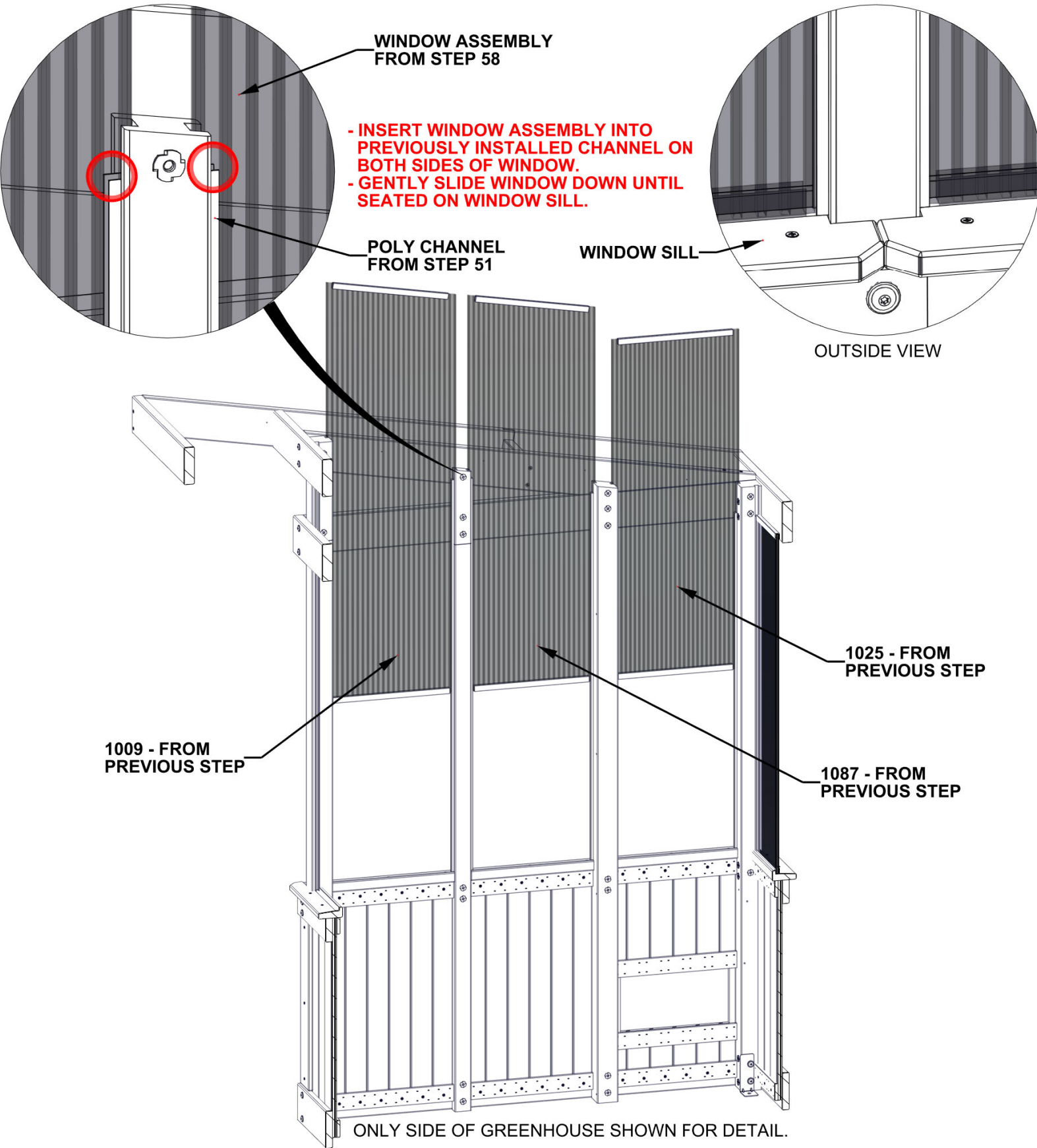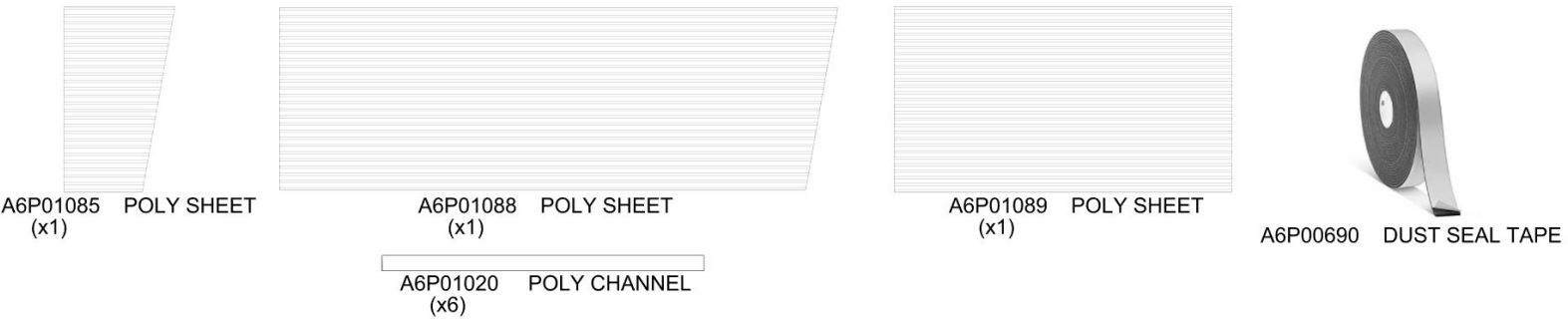
1085 (x1)
POLY SHEET
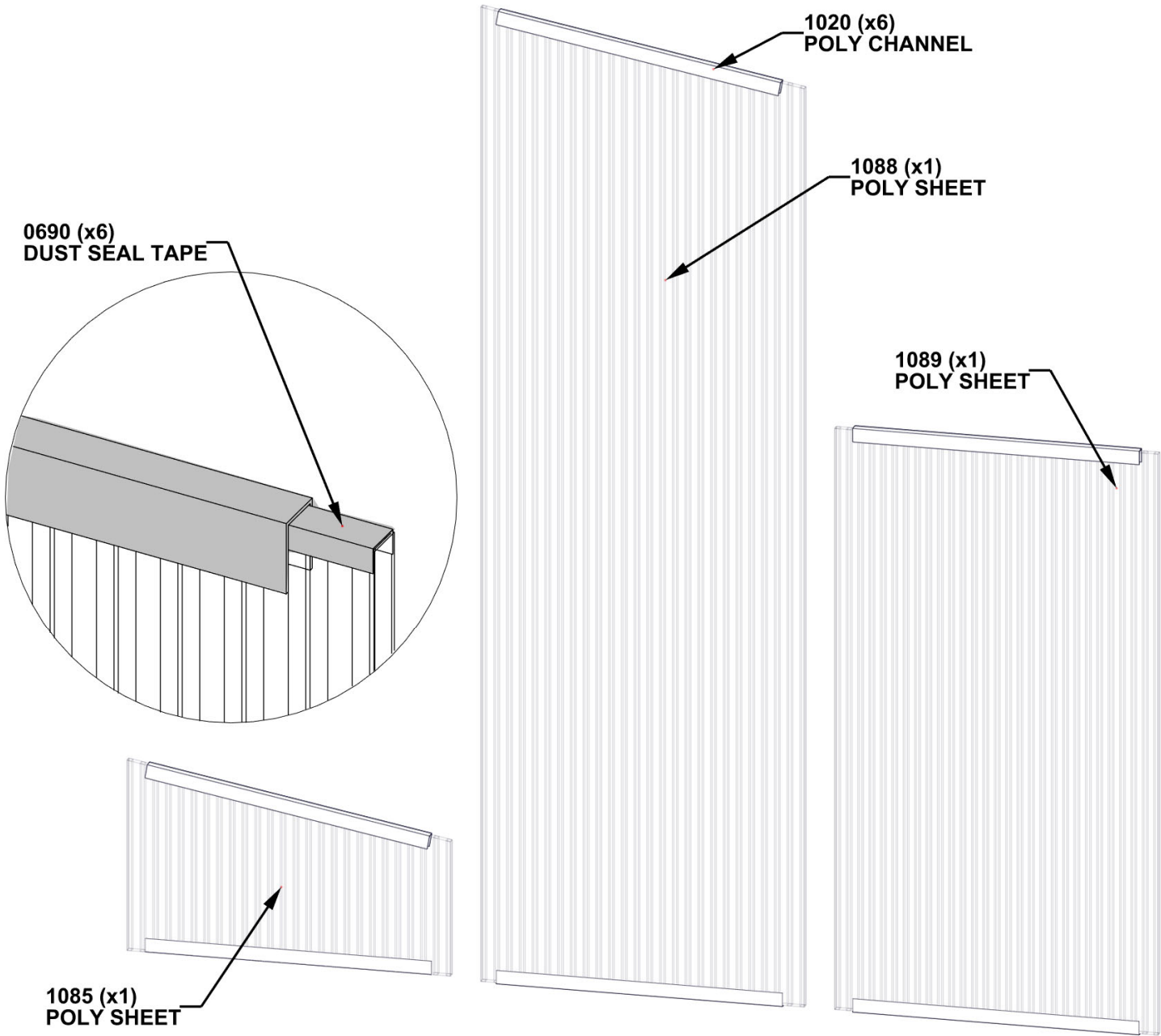
STEP 61 - WINDOW ASSEMBLY

IMPORTANT!

- ENSURE UV SIDE OF WINDOW IS FACING OUTSIDE.
- ONCE WINDOW IS INSTALLED, IT IS SAFE TO REMOVE THE PROTECTIVE FILM.

WINDOW ASSEMBLY FROM STEP 60

- INSERT WINDOW ASSEMBLY INTO PREVIOUSLY INSTALLED CHANNEL ON BOTH SIDES OF WINDOW.
- GENTLY SLIDE WINDOW DOWN UNTIL SEATED ON WINDOW SILL.

WINDOW SILL

OUTSIDE VIEW

POLY CHANNEL FROM STEP 52

GENTLY SLIDE UPPER WINDOW DOWN UNTIL SEATED IN GROOVE.

ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.
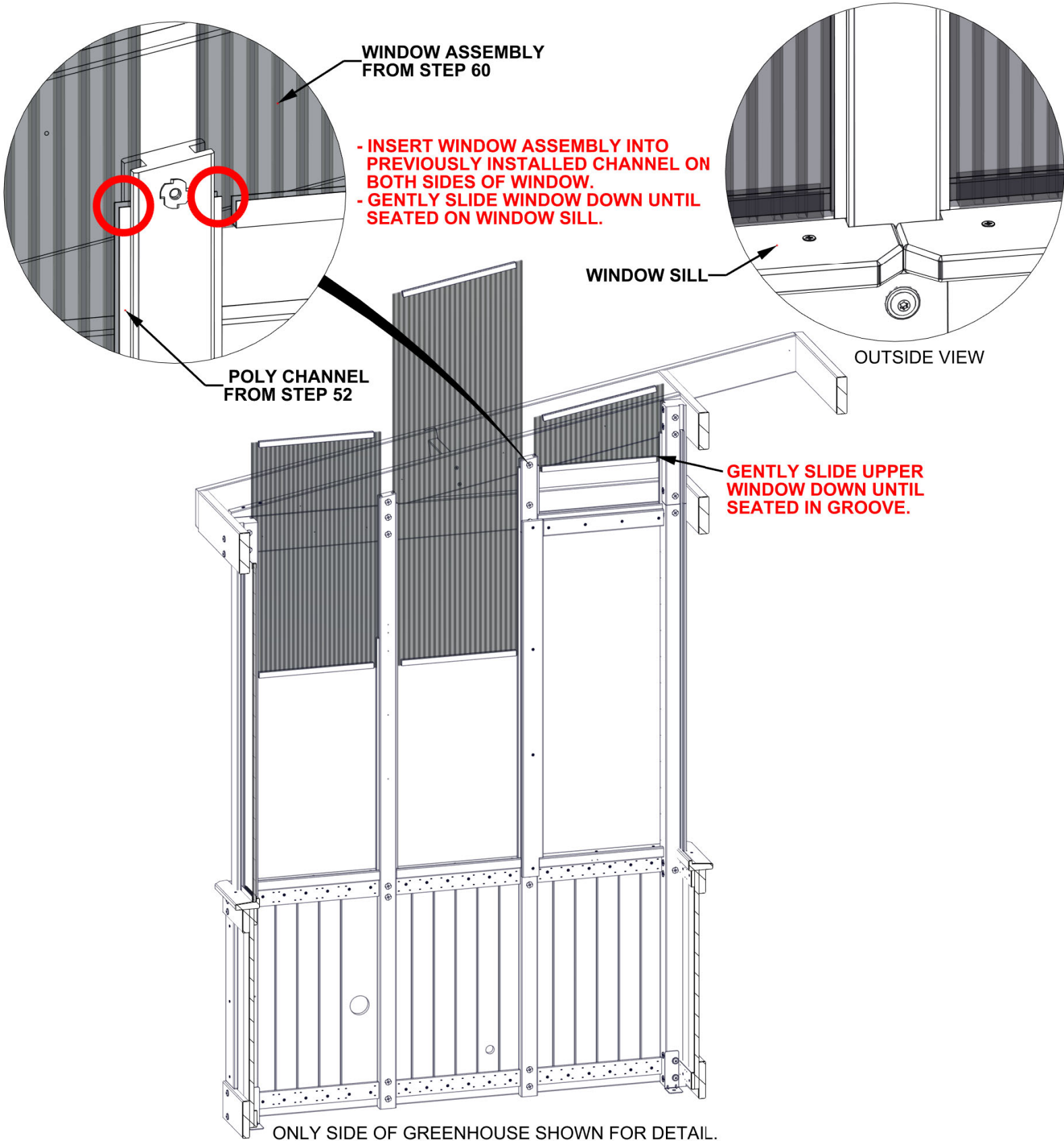
STEP 62 - WINDOW ASSEMBLY

A6P01068   POLY SHEET
(x2)

A6P01066   POLY CHANNEL
(x4)

A6P00690   DUST SEAL TAPE

TO APPLY DUST SEAL TAPE AND POLY CHANNEL:
- CUT 2 STRIPS OF DUST SEAL TAPE THE SAME WIDTH AS THE POLY SHEET.
- WRAP DUST SEAL TAPE ALONG EDGE OF POLY SHEET WIDTH.
- AFTER TAPE IS SECURE, PUSH CHANNEL ON OVER THE TAPE, CENTERING ON THE POLY SHEET.
- REPEAT ON THE BOTTOM SIDE OF POLY SHEET.
- REPEAT FOR BOTH WINDOW ASSEMBLIES.

1066 (x2)
POLY CHANNEL

1068 (x1)
POLY SHEET

0690 (x2)
DUST SEAL TAPE
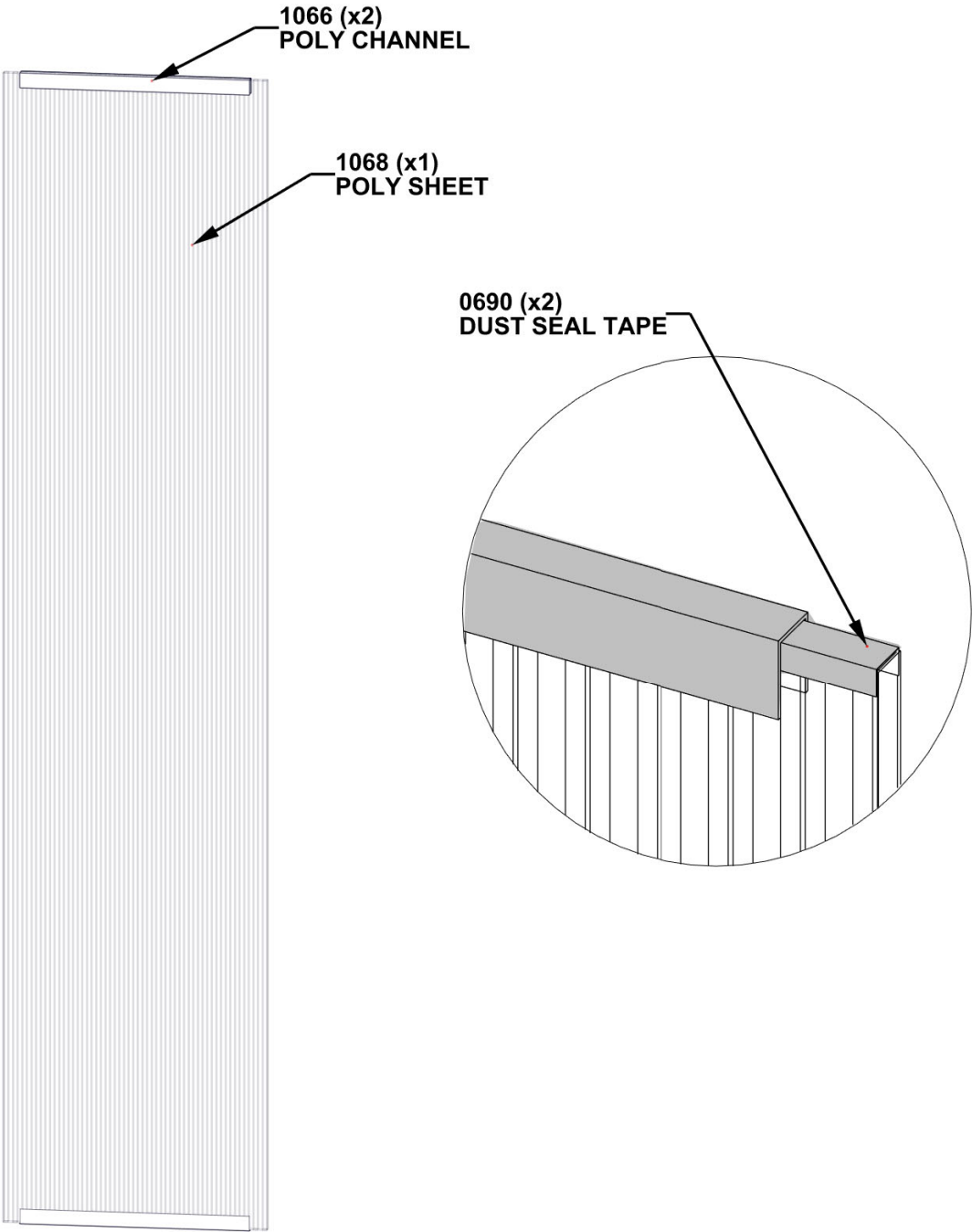
STEP 63 - WINDOW ASSEMBLY

IMPORTANT!

- **ENSURE UV SIDE OF WINDOW IS FACING OUTSIDE.**
- **ONCE WINDOW IS INSTALLED, IT IS SAFE TO REMOVE THE PROTECTIVE FILM.**
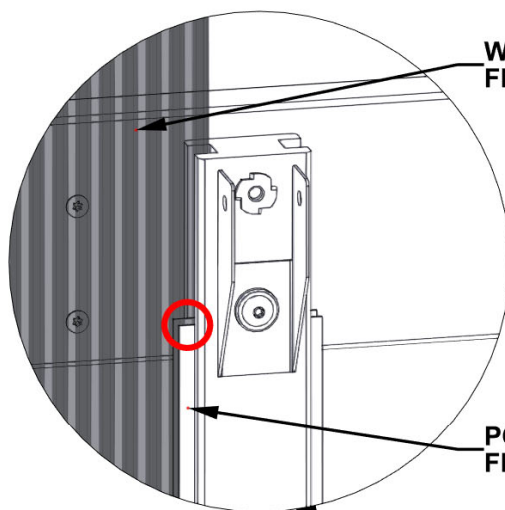
**WINDOW ASSEMBLY
FROM STEP 62**

- **INSERT WINDOW ASSEMBLY INTO PREVIOUSLY INSTALLED CHANNEL ON BOTH SIDES OF WINDOW.**
- **GENTLY SLIDE WINDOW DOWN UNTIL SEATED ON WINDOW SILL.**

WINDOW SILL

OUTSIDE VIEW

**POLY CHANNEL
FROM STEP 53**

ONLY FRONT OF GREENHOUSE SHOWN FOR DETAIL.

STEP 64 - WINDOW ASSEMBLY

A6P01069   POLY SHEET
(x2)

A6P01067   POLY CHANNEL
(x4)

A6P00690   DUST SEAL TAPE

TO APPLY DUST SEAL TAPE AND POLY CHANNEL:
- CUT 2 STRIPS OF DUST SEAL TAPE THE SAME WIDTH AS THE POLY SHEET.
- WRAP DUST SEAL TAPE ALONG EDGE OF POLY SHEET WIDTH.
- AFTER TAPE IS SECURE, PUSH CHANNEL ON OVER THE TAPE, CENTERING ON THE POLY SHEET.
- REPEAT ON THE BOTTOM SIDE OF POLY SHEET.
- REPEAT FOR BOTH WINDOW ASSEMBLIES.

1067 (x2)
POLY CHANNEL

1069 (x1)
POLY SHEET

0690 (x2)
DUST SEAL TAPE
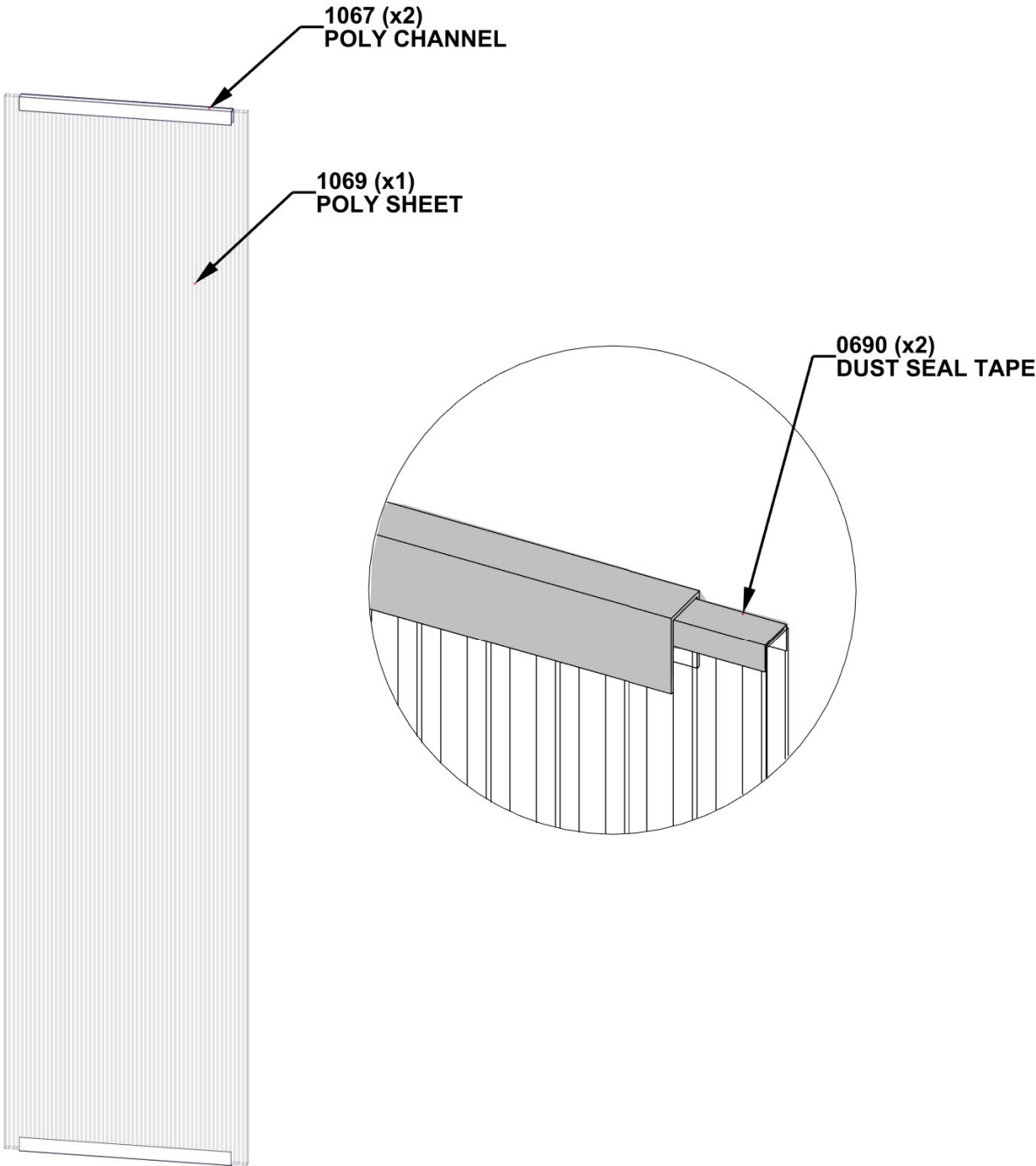
STEP 65 - WINDOW ASSEMBLY

IMPORTANT!

- ENSURE UV SIDE OF WINDOW IS FACING OUTSIDE.
- ONCE WINDOW IS INSTALLED, IT IS SAFE TO REMOVE THE PROTECTIVE FILM.
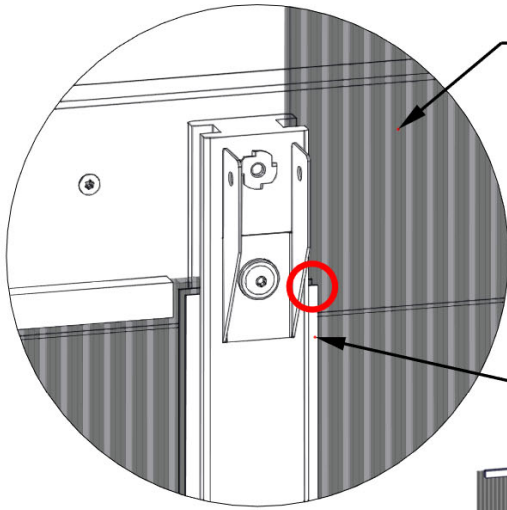
WINDOW ASSEMBLY
FROM STEP 64

- INSERT WINDOW ASSEMBLY INTO
  PREVIOUSLY INSTALLED CHANNEL ON
  BOTH SIDES OF WINDOW.
- GENTLY SLIDE WINDOW DOWN UNTIL
  SEATED ON WINDOW SILL.

POLY CHANNEL
FROM STEP 53

WINDOW SILL
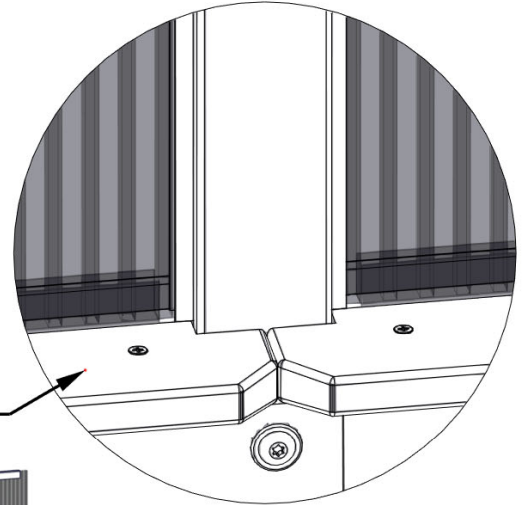
OUTSIDE VIEW
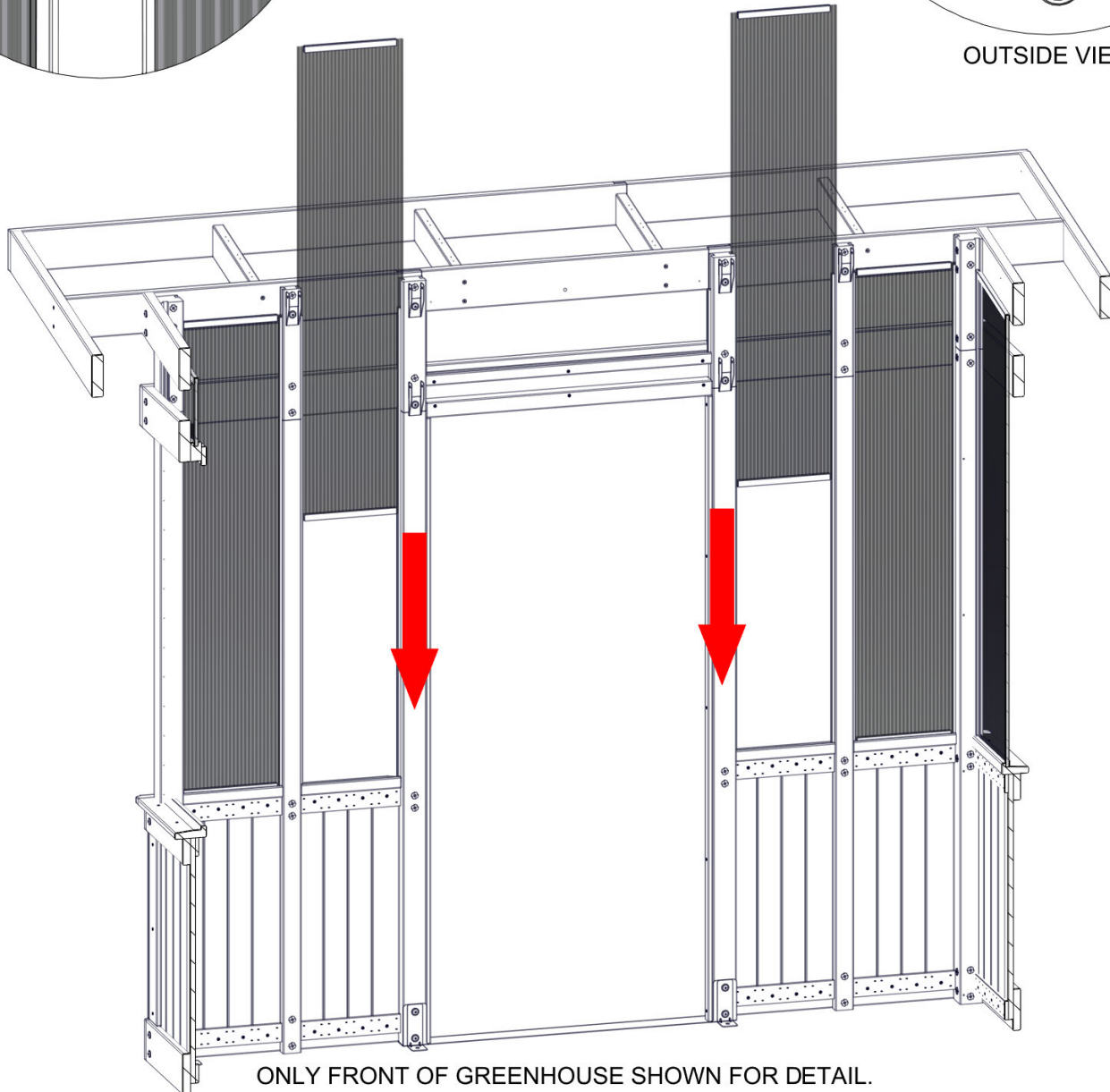
ONLY FRONT OF GREENHOUSE SHOWN FOR DETAIL.

STEP 66 - WINDOW ASSEMBLY

A6P01072   POLY SHEET
(x1)

A6P01031   POLY CHANNEL
(x2)

A6P00690   DUST SEAL TAPE

TO APPLY DUST SEAL TAPE AND POLY CHANNEL:
- CUT 2 STRIPS OF DUST SEAL TAPE THE SAME WIDTH AS THE POLY SHEET.
- WRAP DUST SEAL TAPE ALONG EDGE OF POLY SHEET WIDTH.
- AFTER TAPE IS SECURE, PUSH CHANNEL ON OVER THE TAPE, CENTERING ON THE POLY SHEET.
- REPEAT ON THE BOTTOM SIDE OF POLY SHEET.

1031 (x2)
POLY CHANNEL

1072 (x1)
POLY SHEET

0690 (x2)
DUST SEAL TAPE

STEP 67 - WINDOW ASSEMBLY

IMPORTANT!

- ENSURE UV SIDE OF WINDOW IS FACING OUTSIDE.
- ONCE WINDOW IS INSTALLED, IT IS SAFE TO REMOVE THE PROTECTIVE FILM.

WINDOW ASSEMBLY
FROM STEP 66

POLY CHANNEL
FROM STEP 53

**- INSERT WINDOW ASSEMBLY INTO
PREVIOUSLY INSTALLED CHANNEL ON
BOTH SIDES OF WINDOW.**
**- GENTLY SLIDE WINDOW DOWN UNTIL
SEATED IN GROOVE.**

ONLY FRONT OF GREENHOUSE SHOWN FOR DETAIL.
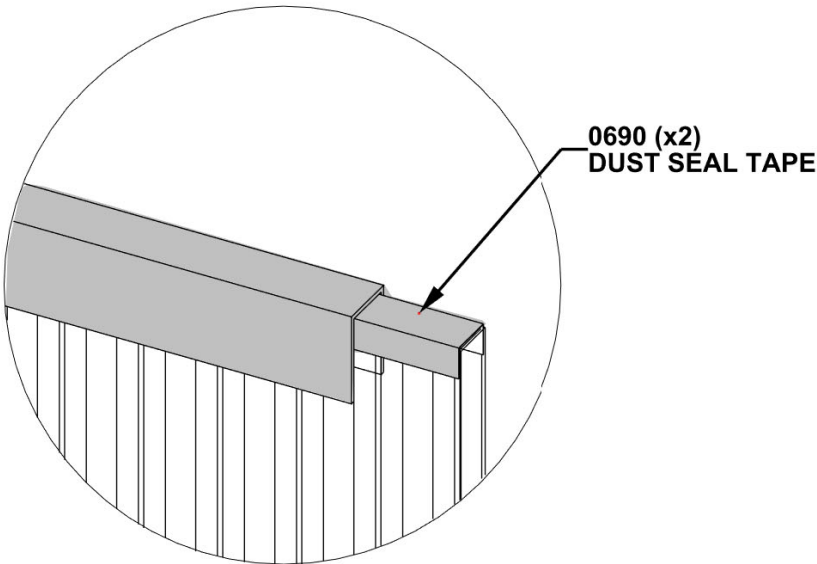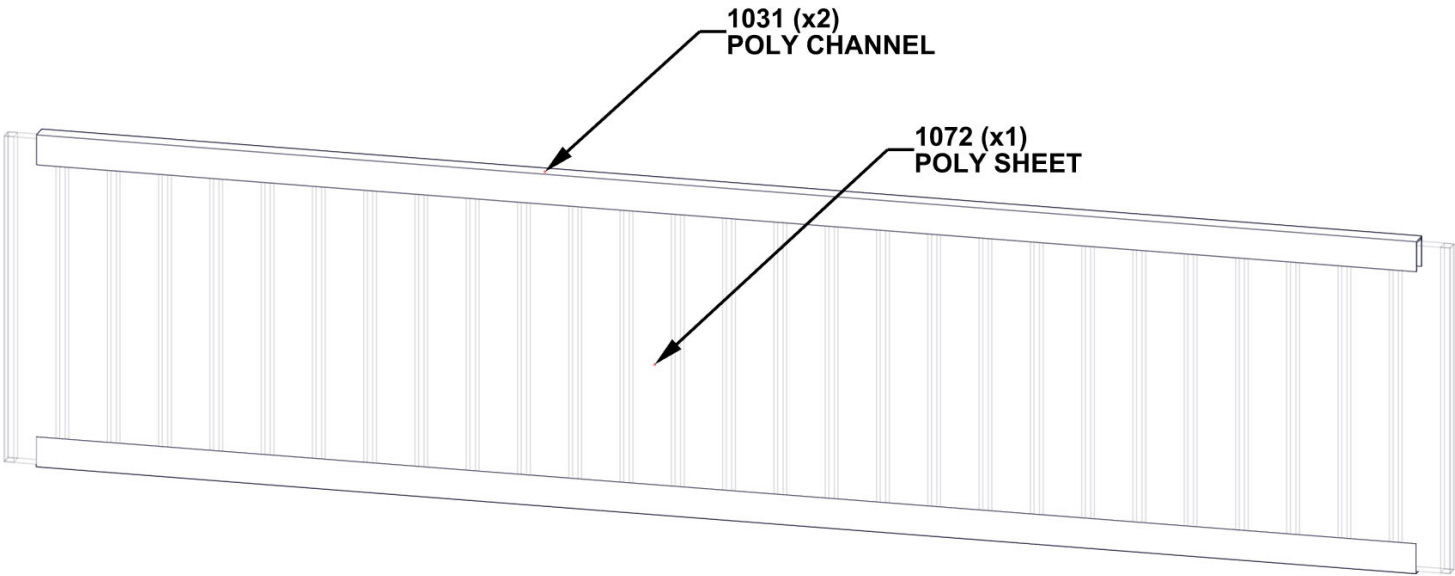
STEP 68 - WINDOW ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100201	SCREW PFH 8x2 1/2 BLK

P01   WINDOW CAP - W4L20571
(x4)   1 7/16"x1 7/16"x13 3/16" (36x36x335)

P08   WINDOW CAP - W4L20634
(x2)   1 7/16"x1 7/16"x17 9/16" (36x36x446)
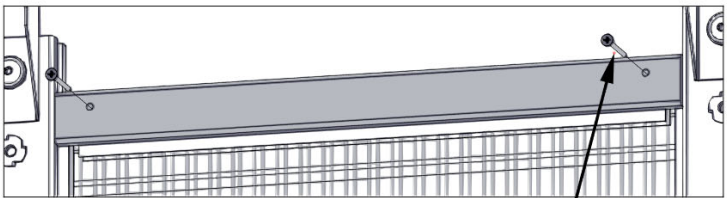
**SLIDE GROOVE IN WINDOW CAP OVER WINDOW
ASSEMBLY AND SCREW INTO PLACE.**

**201 (x12)
SCREW - 2 1/2"**

**P01 (x4)
WINDOW CAP**

**P08 (x2)
WINDOW CAP**

ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.
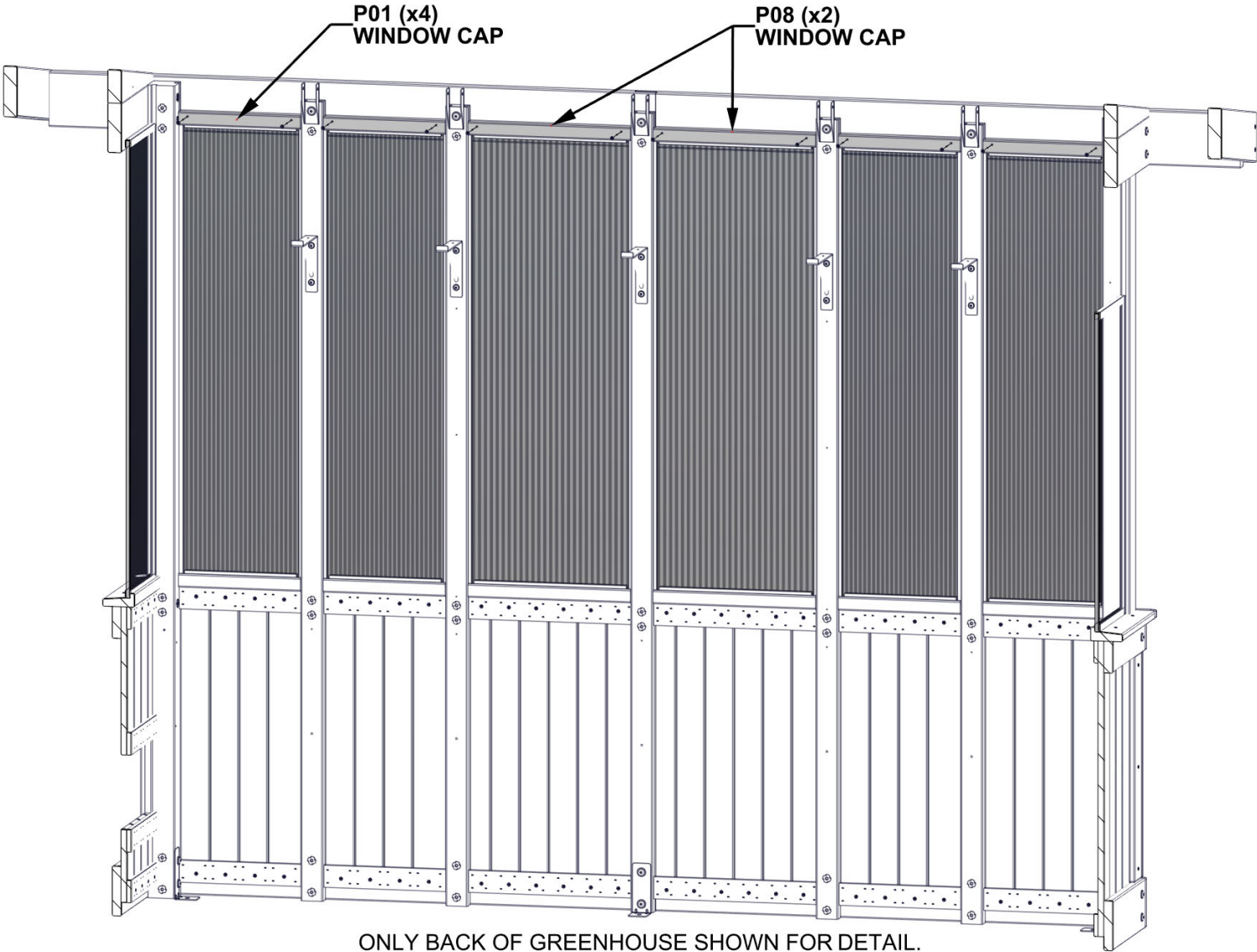
STEP 69 - WINDOW ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H100201	SCREW PFH 8x2 1/2 BLK

P04   WINDOW CAP - W4L20590
(x1)   1 7/16"x1 7/16"x18 3/8" (36x36x466)

P06   WINDOW CAP - W4L20627
(x1)   1 7/16"x1 7/16"x18 1/16" (36x36x458)

P10   WINDOW CAP - W4L20754
(x1)   1 7/16"x1 7/16"x17 1/2" (36x36x445)
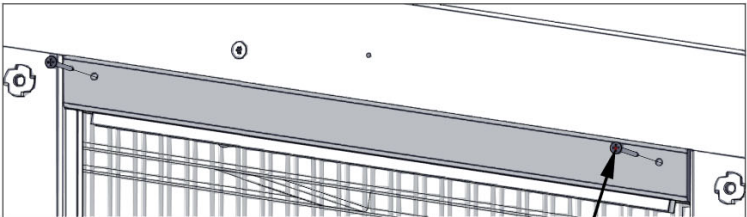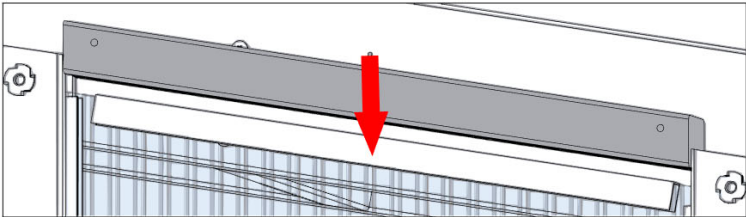
**SLIDE GROOVE IN WINDOW CAP OVER WINDOW
ASSEMBLY AND SCREW INTO PLACE.**

**201 (x6)
SCREW - 2 1/2"**

**P04 (x1)
WINDOW CAP**

**P06 (x1)
WINDOW CAP**

**P10 (x1)
WINDOW CAP**
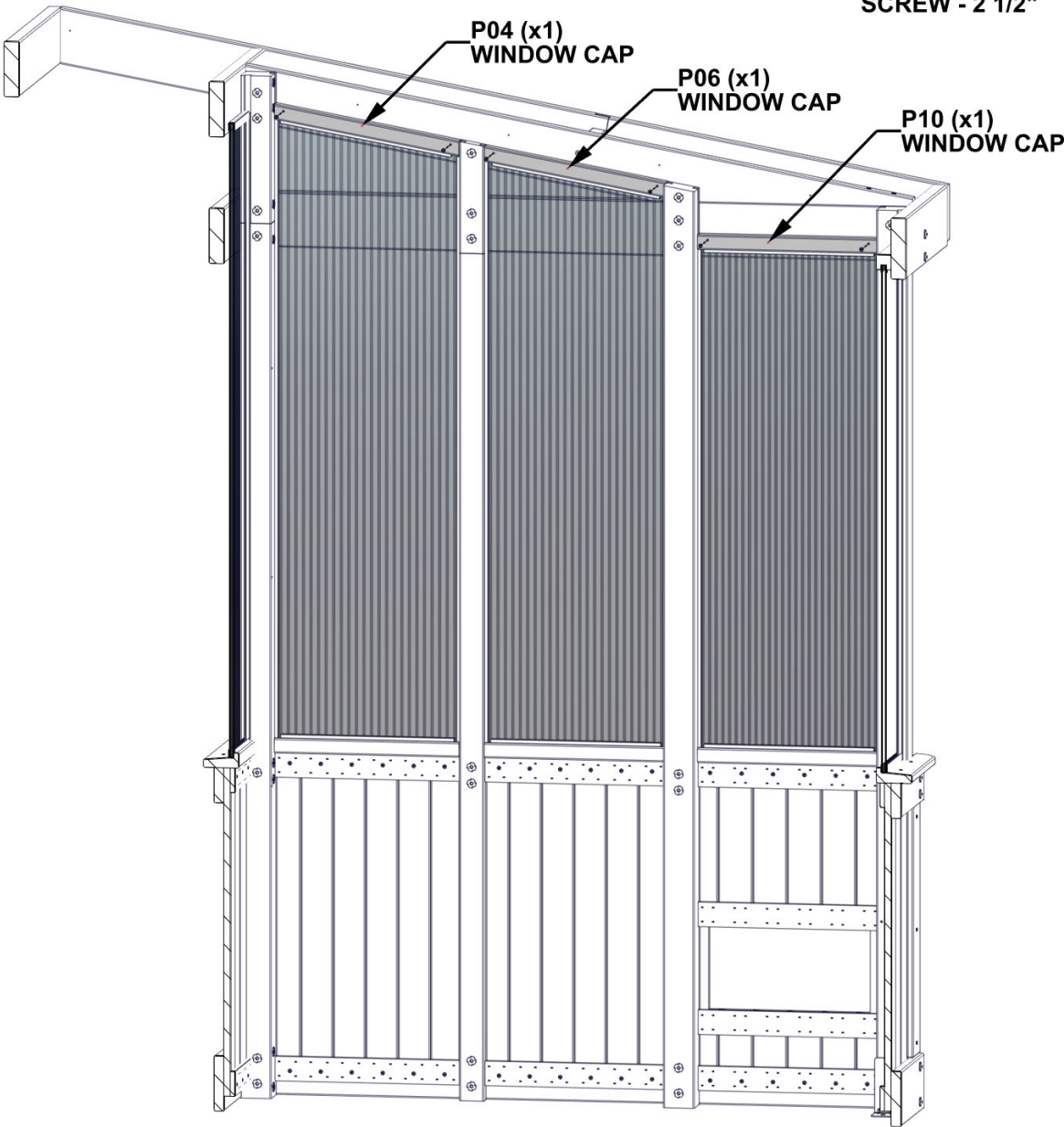
ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.

STEP 70 - WINDOW ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100201	SCREW PFH 8x2 1/2 BLK

P04   WINDOW CAP - W4L20590
(x2)   1 7/16"x1 7/16"x18 3/8" (36x36x466)
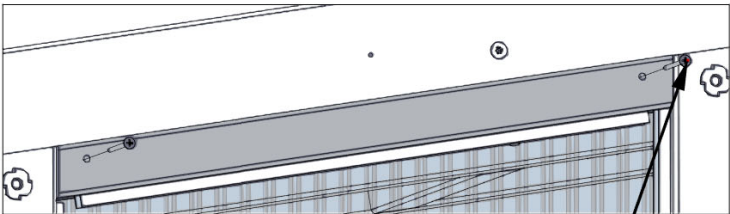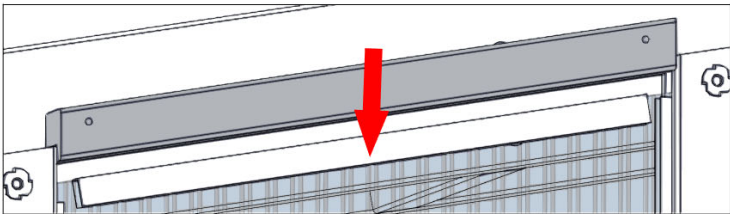
**SLIDE GROOVE IN WINDOW CAP OVER WINDOW
ASSEMBLY AND SCREW INTO PLACE.**

**201 (x4)
SCREW - 2 1/2"**

**P04 (x2)
WINDOW CAP**
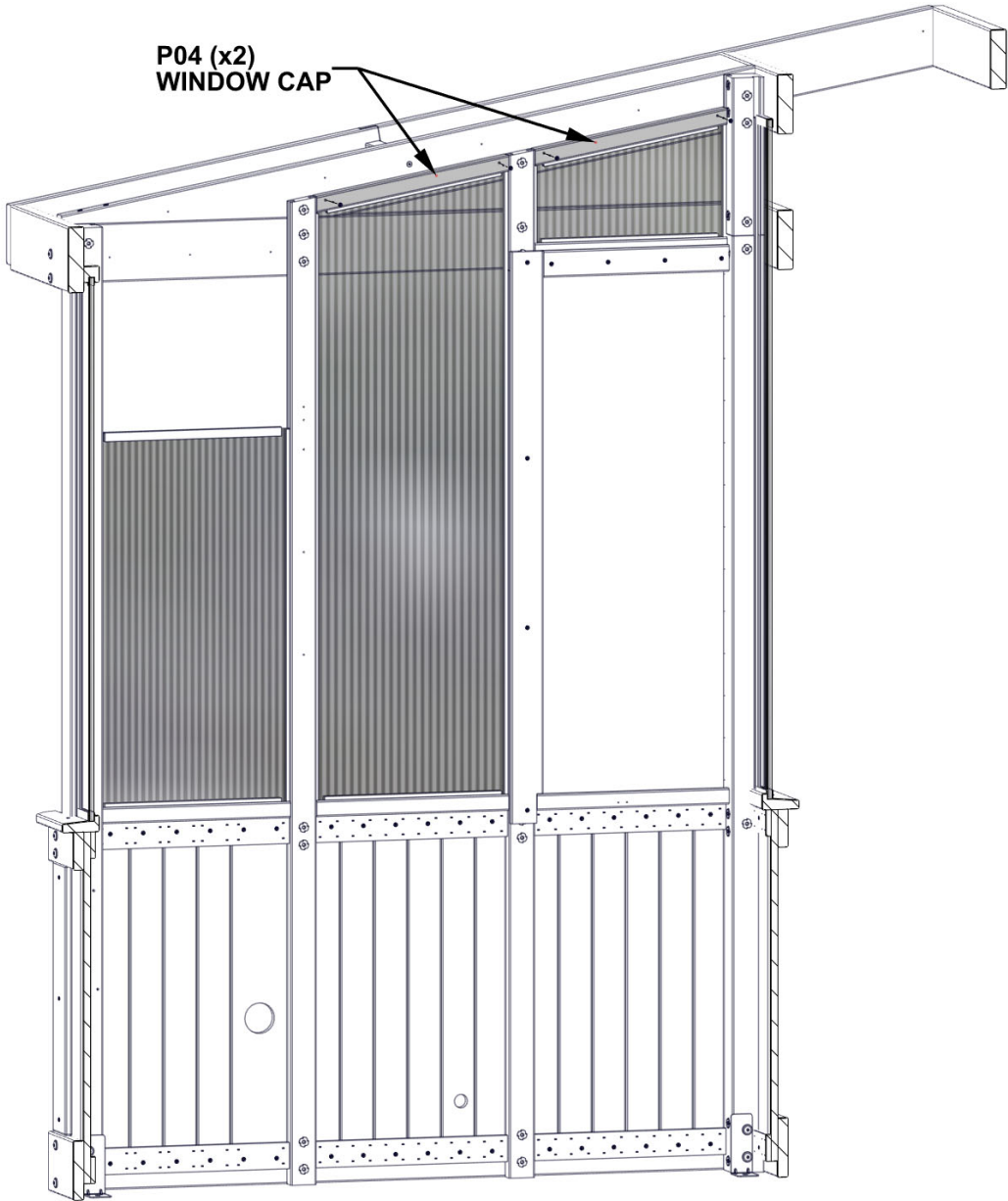
ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.

STEP 71 - WINDOW ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100201	SCREW PFH 8x2 1/2 BLK

P01   WINDOW CAP - W4L20571
(x2)   1 7/16"x1 7/16"x13 3/16" (36x36x335)

P02   WINDOW CAP - W4L20575
(x2)   1 7/16"x1 7/16"x12 7/8" (36x36x327)
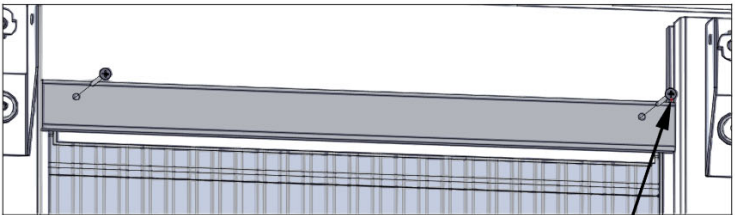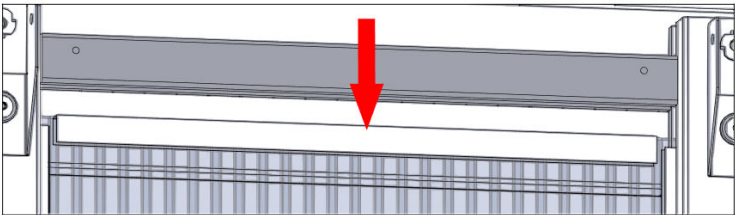
**SLIDE GROOVE IN WINDOW CAP OVER WINDOW
ASSEMBLY AND SCREW INTO PLACE.**

**201 (x8)
SCREW - 2 1/2"**

**P02 (x1)
WINDOW CAP**

**P01 (x1)
WINDOW CAP**

**P02 (x1)
WINDOW CAP**

**P01 (x1)
WINDOW CAP**

ONLY FRONT OF GREENHOUSE SHOWN FOR DETAIL.

86
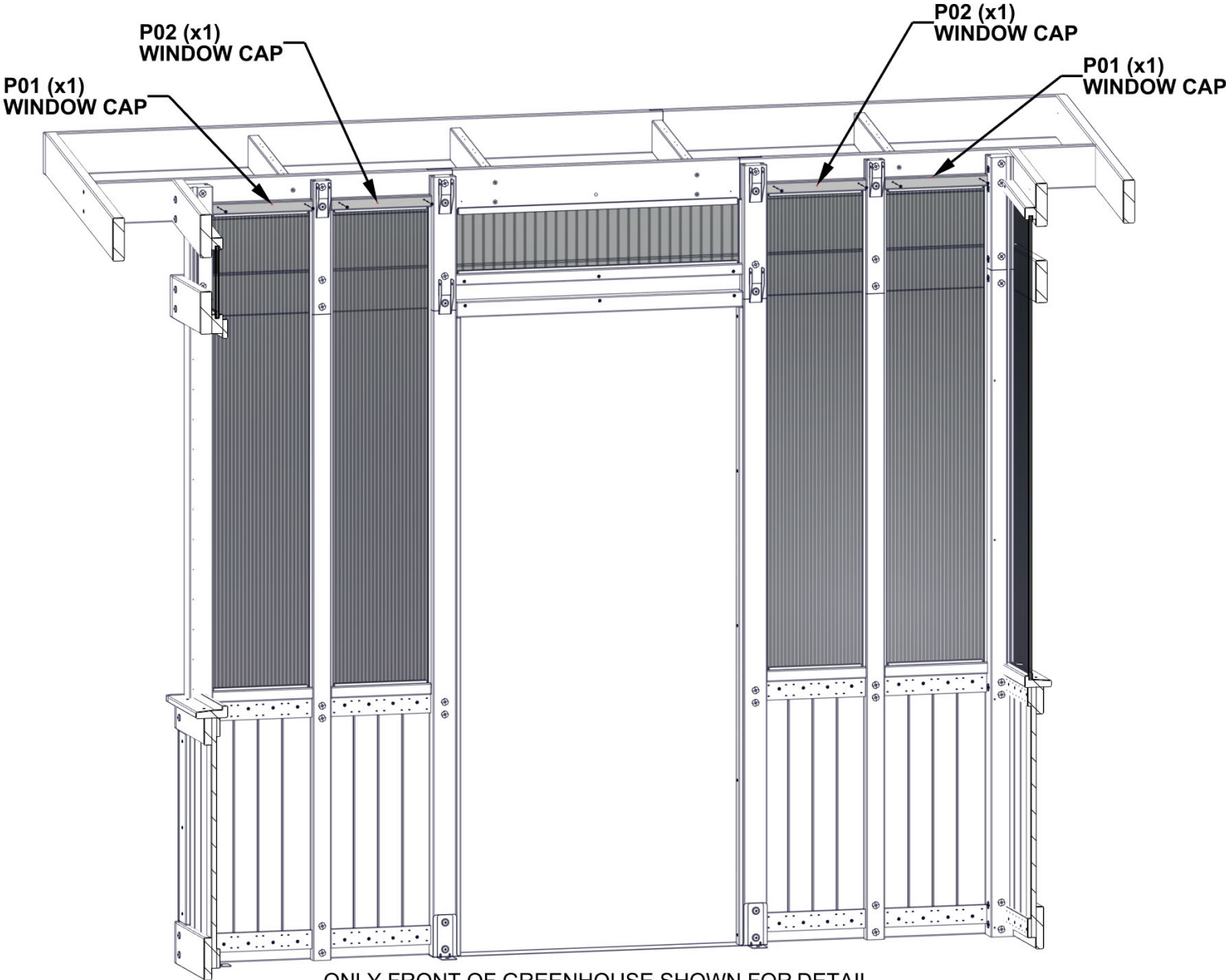
STEP 72 - WINDOW ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
1	H100193	NUT BARREL WH 5/16 X 1 1/2 BLK
1	H100198	WASHER LOCK EXT 8x19
2	H100201	SCREW PFH 8x2 1/2 BLK
1	H100378	BOLT WH 5/16x1 3/4 BLK

F03   WINDOW CAP - W4L20577
(x1)   1 7/16"x2 3/8"x36 15/16" (36x60x938)

A4M02093   RAFTER BRACKET
(x1)

F03 (x1)
WINDOW CAP

201 (x2)
SCREW - 2 1/2"

378 (x1)
BOLT - 1 3/4"

198 (x1)
WASHER - 8x19

2093 (x1)
RAFTER BRACKET

193 (x1)
BARREL NUT - 1 1/2"
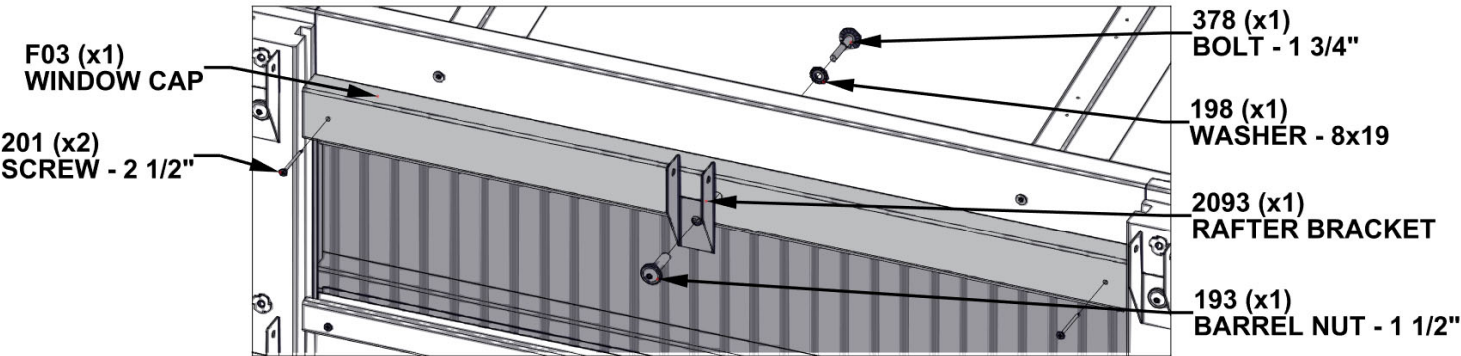
WITH THE GROOVE IN WINDOW CAP FACING DOWN, ALIGN THROUGH HOLE WITH THROUGH HOLE IN HEADER AND ATTACH AS SHOWN.
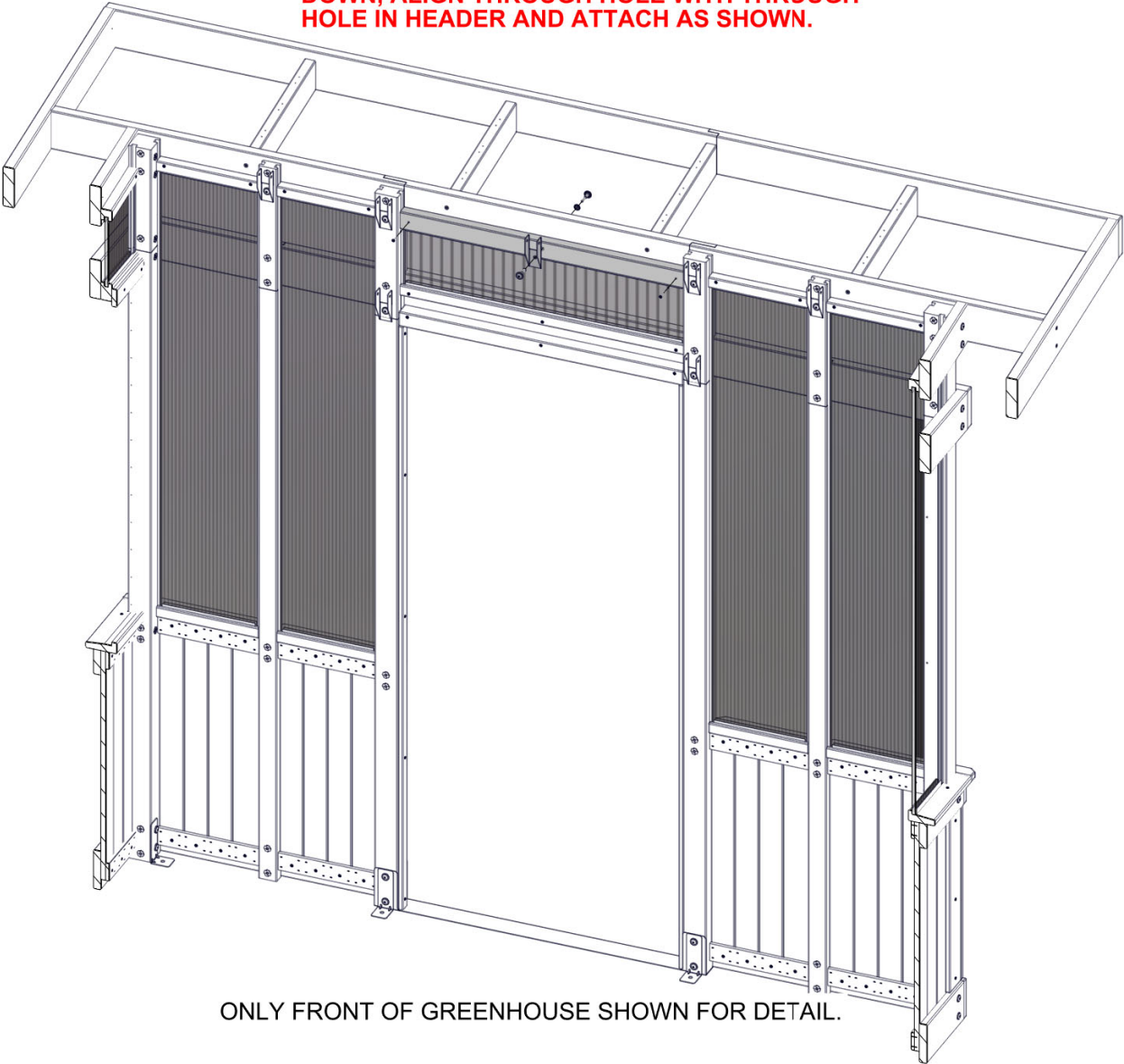
ONLY FRONT OF GREENHOUSE SHOWN FOR DETAIL.

STEP 73 - FAN FRAME ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H100387	SCREW PFH 8x1 1/4 BLK

E12 FAN FRAME - W4L20628
(x1) 1 7/16"x3 3/8"x18 11/16" (36x86x475)

A4M00997 METAL CLEAT
(x1)
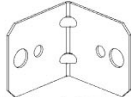
A4M00555 L BRACKET BLK
(x1)
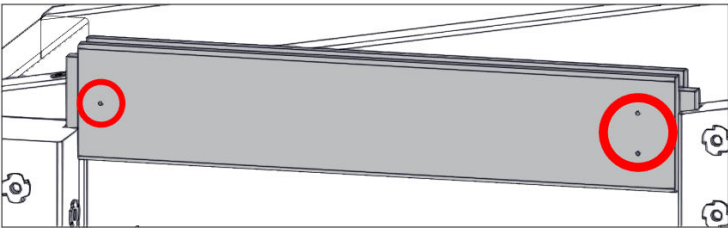
NOTE PILOT HOLES FOR CORRECT INSTALLATION.
SLIDE E12 INTO PLACE USING GROOVES IN POSTS.
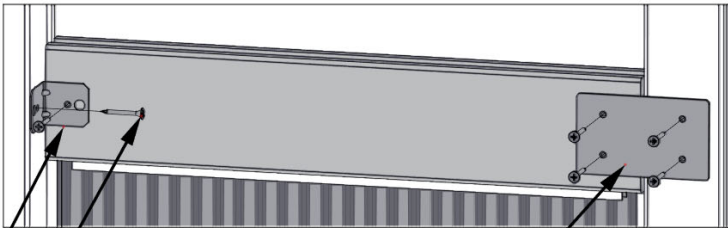
555 (x1)
L BRACKET BLK

387 (x6)
SCREW - 1 1/4"

997 (x1)
METAL CLEAT

ATTACH BRACKETS BY ALIGNING WITH PILOT HOLES IN POST, UPRIGHT, AND E12.

E12 (x1)
FAN FRAME
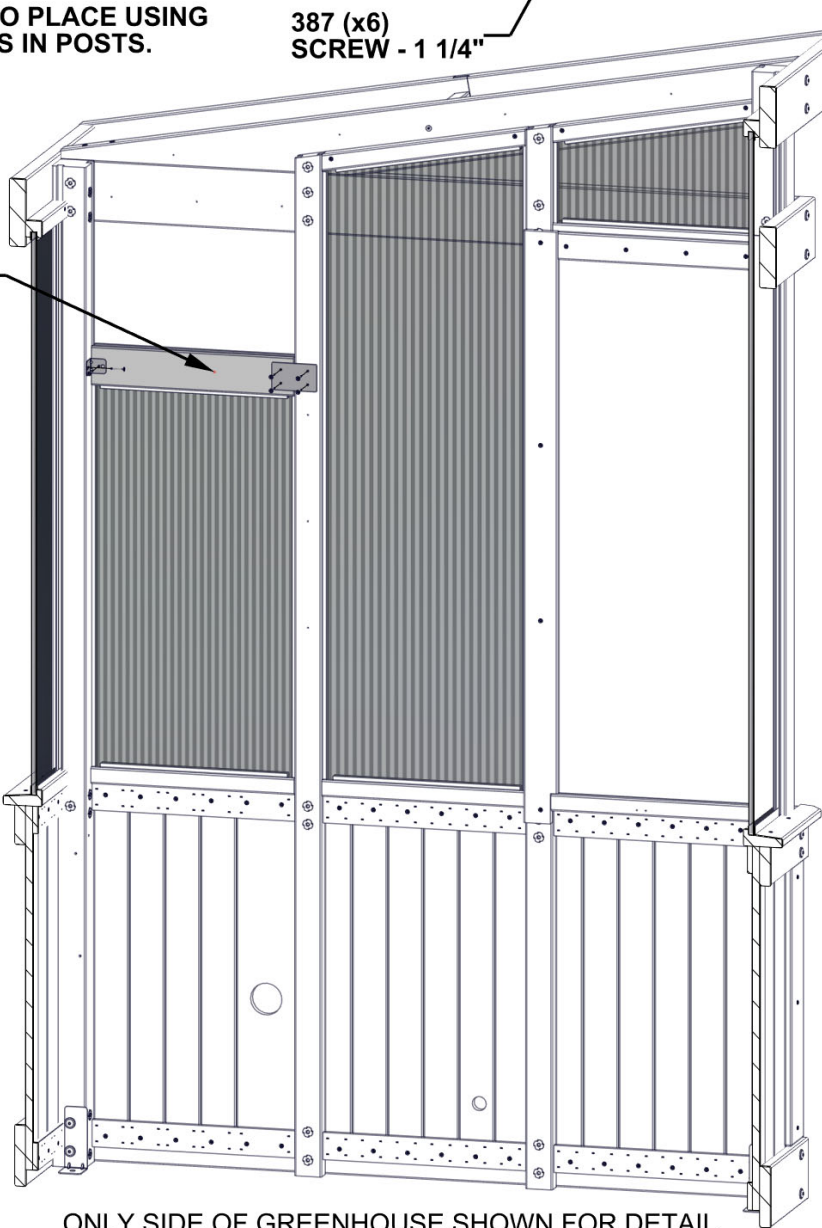
ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.

STEP 74 - FAN FRAME ASSEMBLY

D10   WINDOW FRAME - W4L20629
(x2)   1 7/16"x4 3/16"x11 7/16" (36x106x290)

**D10 (x2)
WINDOW FRAME**

SLIDE D10 BOARDS INTO PLACE AS SHOWN.

ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.
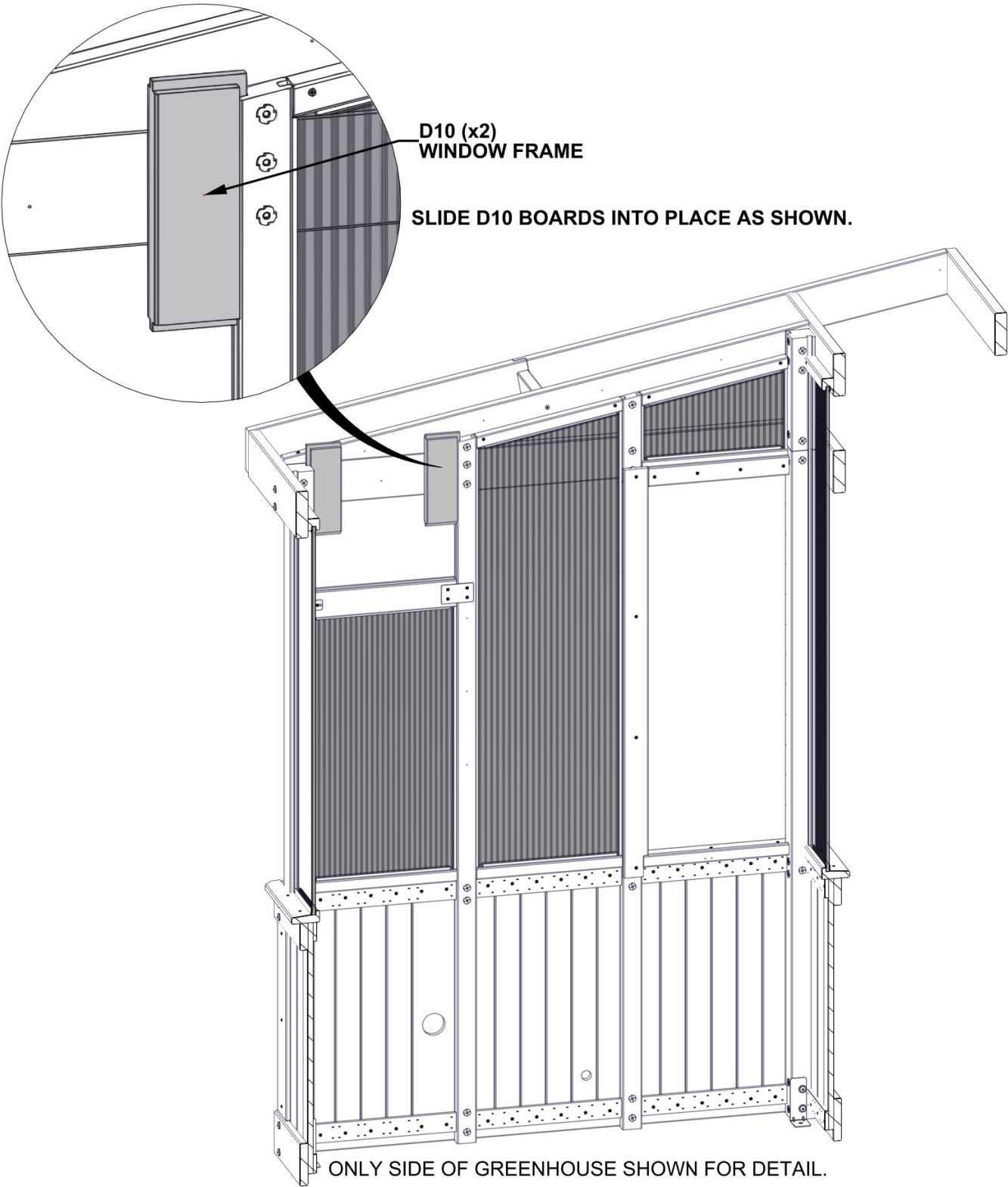
STEP 75 - FAN FRAME ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
3	H100201	SCREW PFH 8x2 1/2 BLK

E17   FAN FRAME - W4L20614
(x1)   1 7/16"x3 3/8"x18 11/16" (36x86x475)
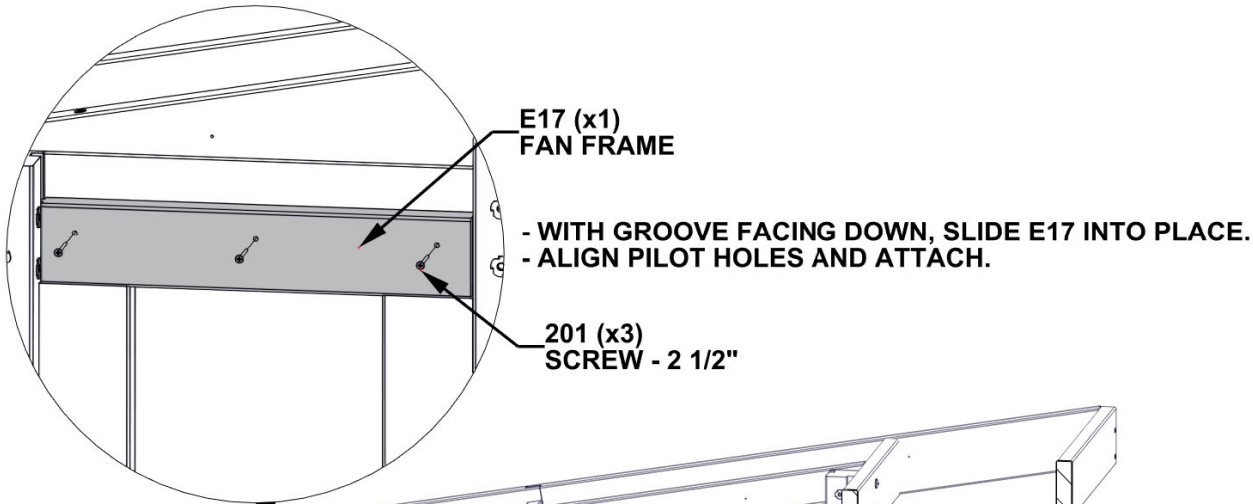
E17 (x1)
FAN FRAME

- WITH GROOVE FACING DOWN, SLIDE E17 INTO PLACE.
- ALIGN PILOT HOLES AND ATTACH.

201 (x3)
SCREW - 2 1/2"
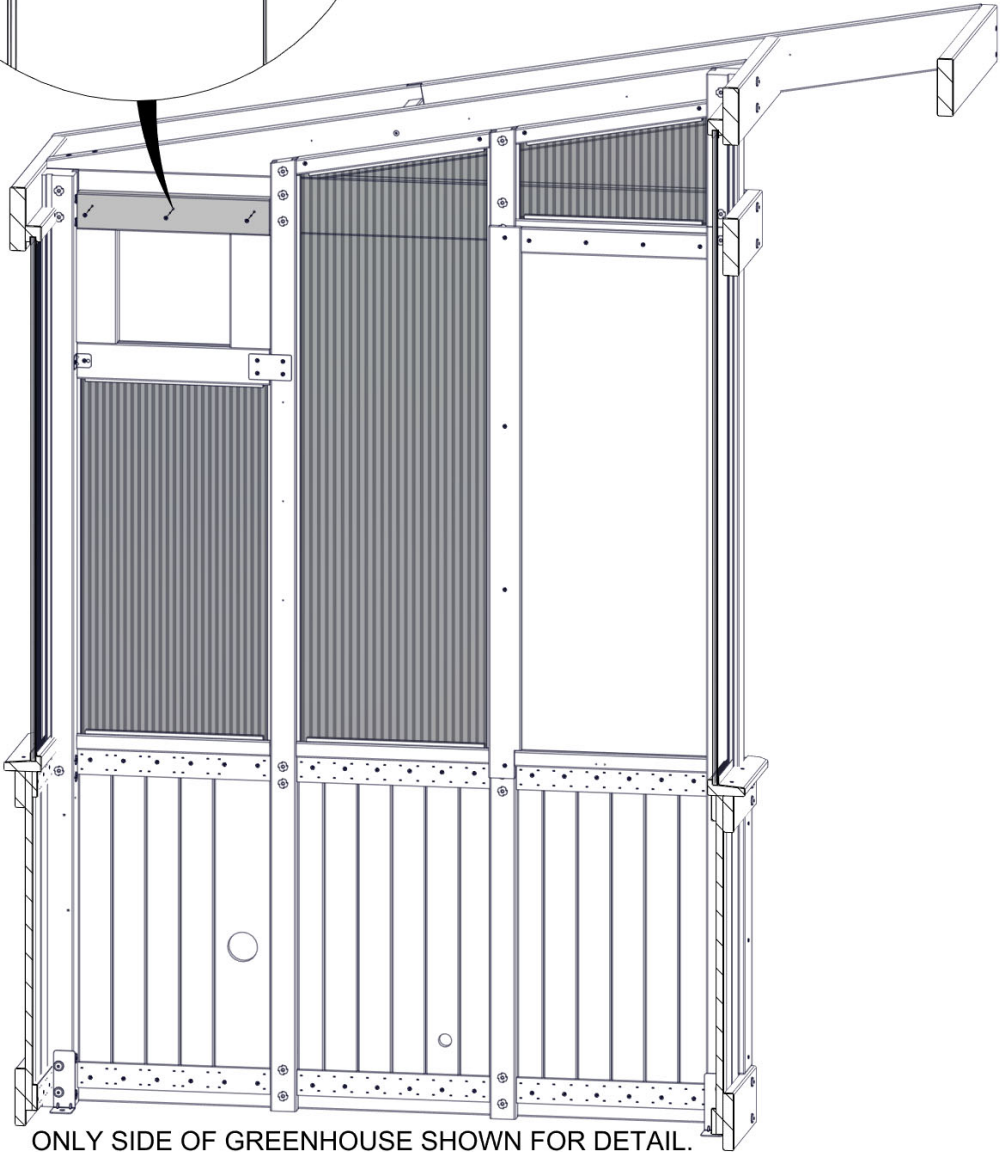
ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.

STEP 76 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100201	SCREW PFH 8x2 1/2 BLK

P05   PURLIN CLEAT - W4L20591
(x2)   1 7/16"x1 7/16"x45 13/16" (36x36x1163)

ALIGN THROUGH HOLES IN P05 WITH
PILOT HOLES IN HEADER AND ATTACH.

P05 (x2)
PURLIN CLEAT

201 (x8)
SCREW - 2 1/2"

ENSURE PILOT HOLES FACE UP AS SHOWN.
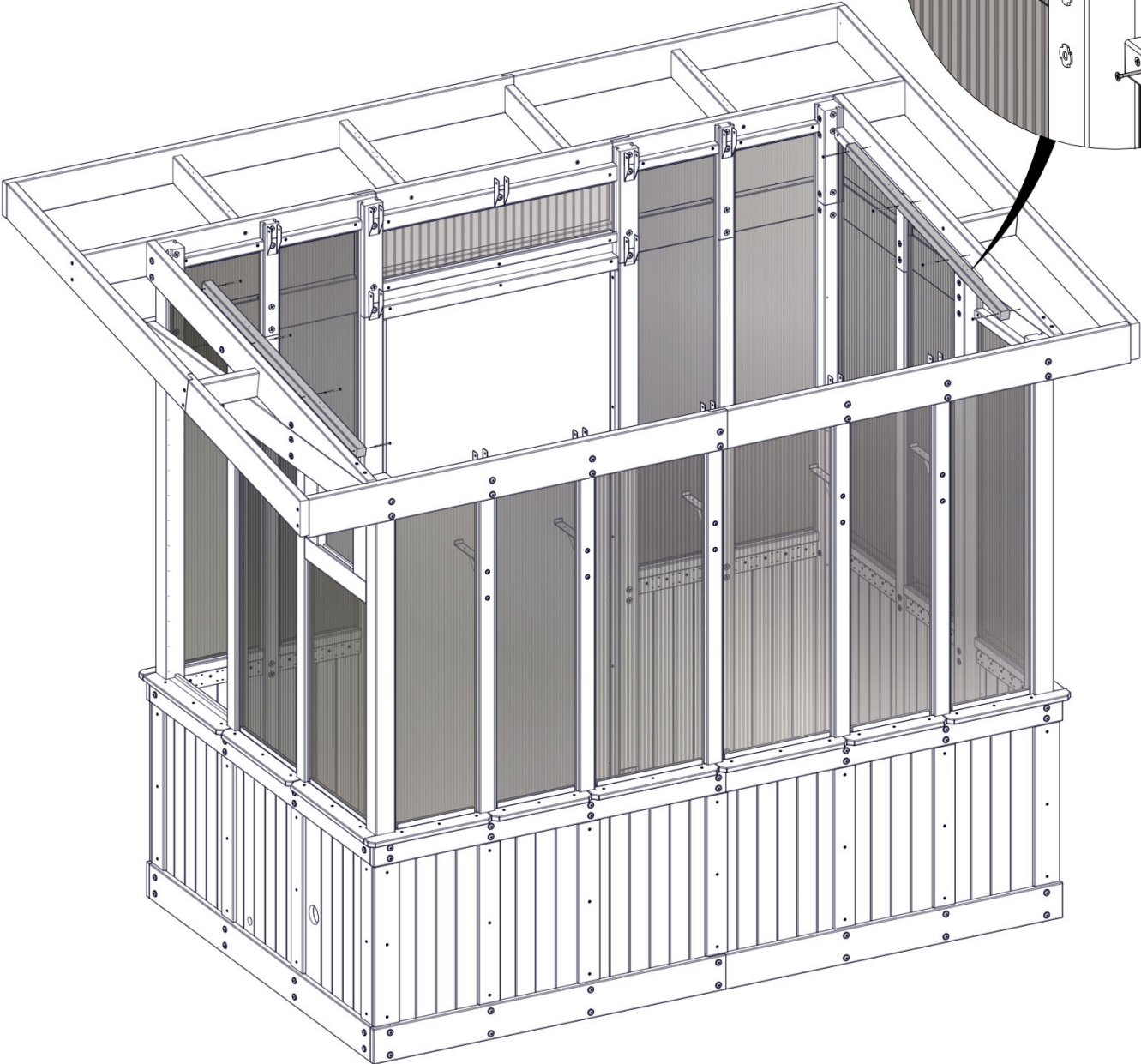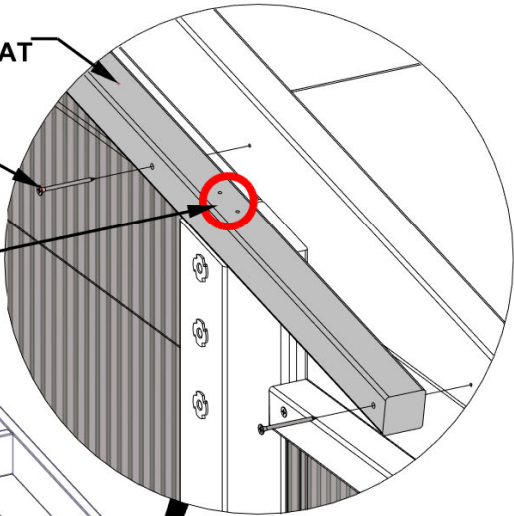
STEP 77 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
20	H100391	SCREW PFH 8x2 BLK

J02   PURLIN - W4L20645
(x2)   15/16"x2 3/8"x73 11/16" (24x60x1872)

J03   PURLIN - W4L20646
(x2)   15/16"x2 3/8"x33 11/16" (24x60x856)

E14   RAFTER - W4L20642
(x3)   1 7/16"x3 3/8"x64 3/16" (36x86x1630)

E16   RAFTER - W4L20644
(x2)   1 7/16"x3 3/8"x63 9/16" (36x86x1614)

391 (x20)
SCREW - 2"

- ALIGN PILOT HOLES.
- NOTE NOTCHES FOR CORRECT ORIENTATION
  OF RAFTERS.
- THE END WITH THE SMALLER NOTCH WILL
  FACE TOWARD THE FRONT.

FRONT

J02 (x2)
PURLIN

J03 (x2)
PURLIN

E14 (x1)
RAFTER

E16 (x1)
RAFTER

E14 (x1)
RAFTER

E16 (x1)
RAFTER

E14 (x1)
RAFTER
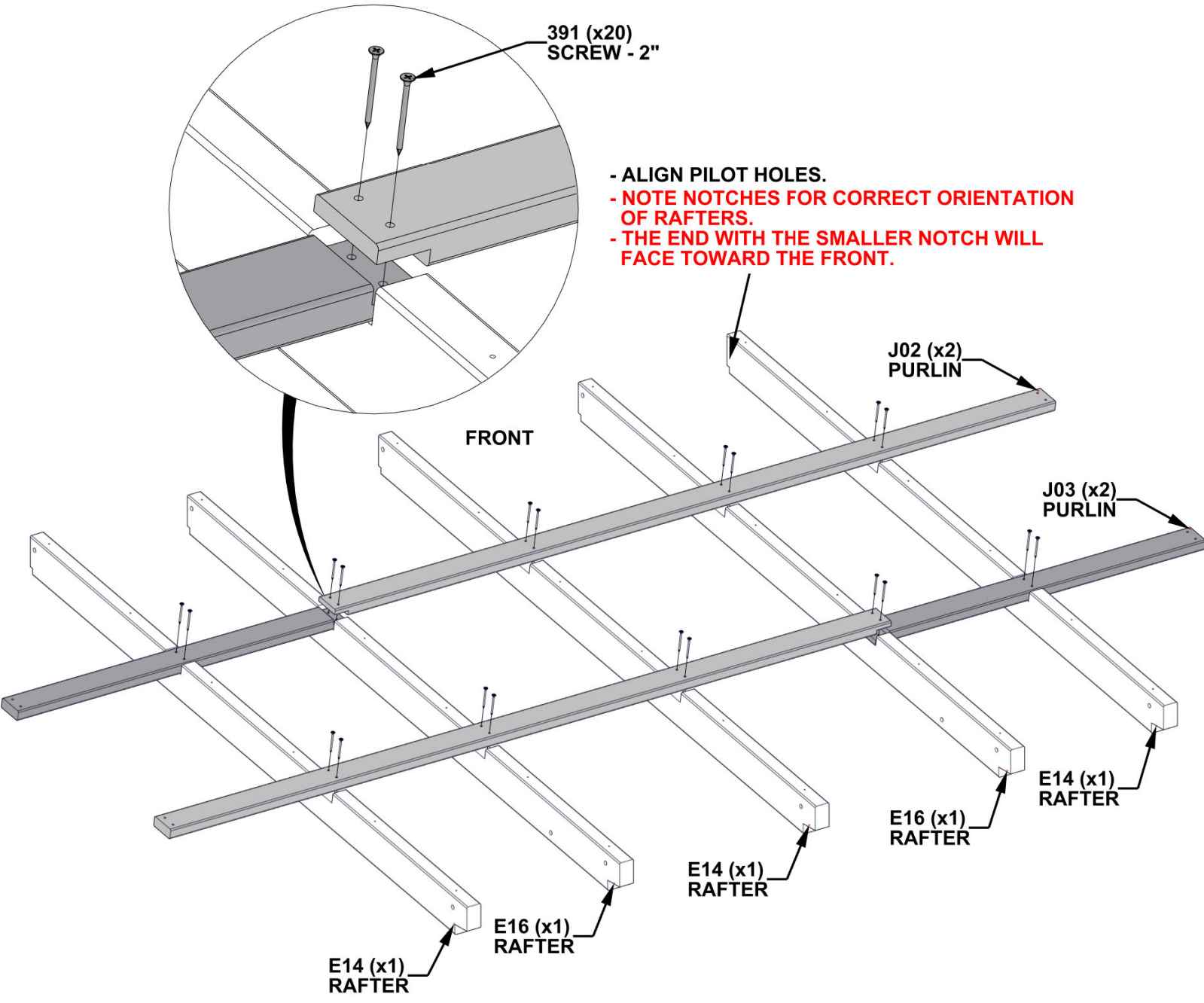
IT IS CRITICAL FOR LATER STEPS TO ENSURE CORRECT PLACEMENT OF RAFTERS.

STEP 78 - ROOF ASSEMBLY

IMPORTANT!

BEFORE PROCEEDING:
- ENSURE UNIT IS SQUARE.
- THE BELOW DIMENSIONS ARE CRITICAL TO THE FINAL ROOF ASSEMBLY.
- MEASUREMENTS SHOULD BE HELD WITHIN +/- 1/4" [6mm].
- MEASUREMENTS OUTSIDE OF TOLERANCE WILL LEAD TO INABILITY TO ASSEMBLY THE ROOF.

9'-3/4" [2763mm]
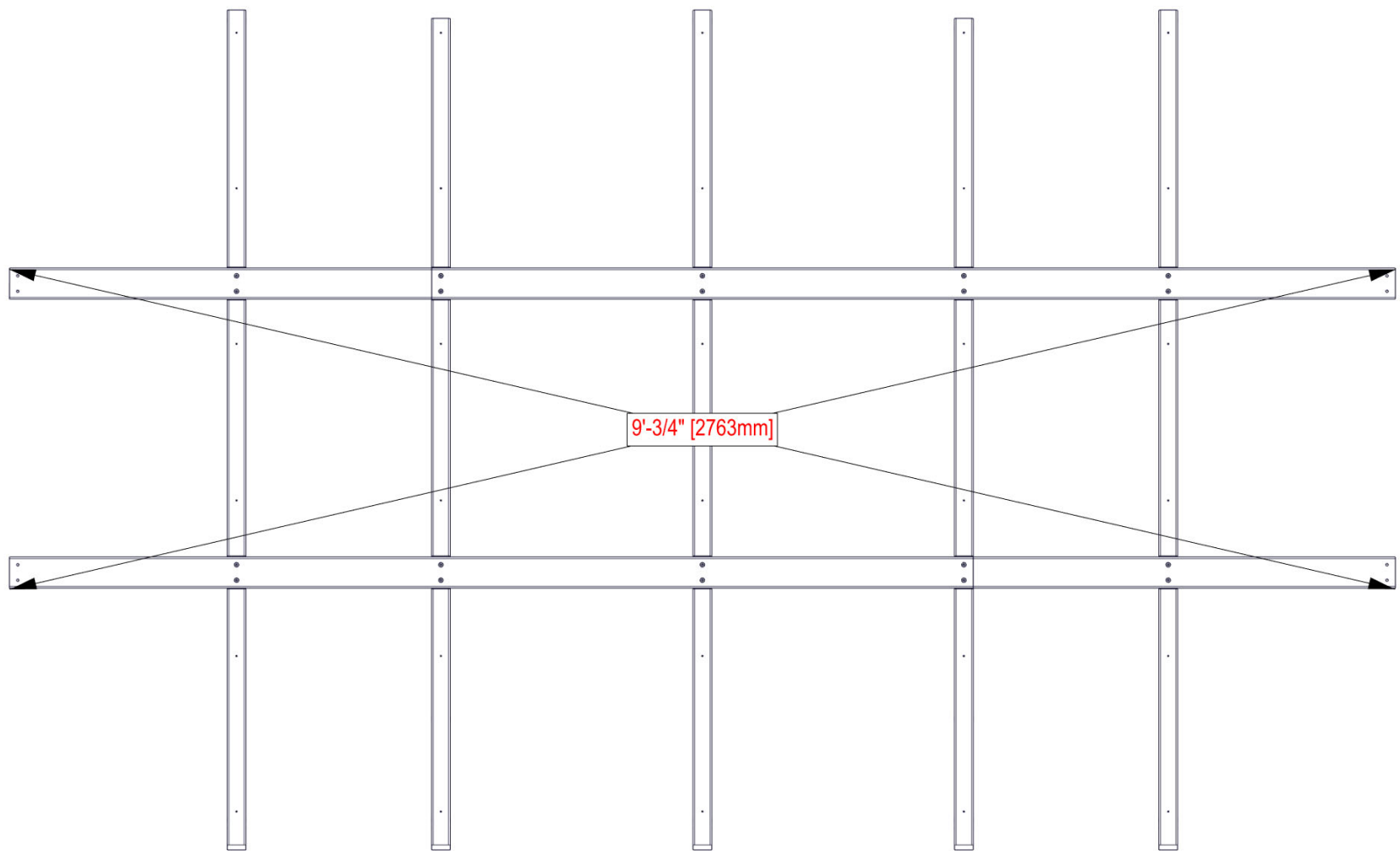
LOOSEN HARDWARE TO ADJUST FOR SQUARING IF NEEDED.

STEP 79 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
30	H101203	SCREW PWH 8x15x1 1/4 BLK
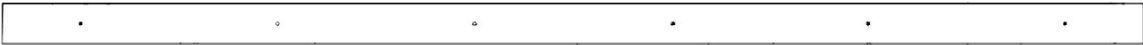
A6P01075   POLY SHEET SPLICE
(x5)

- ALIGN HOLES IN POLY SHEET SPLICES WITH PILOT HOLES IN RAFTERS.
- DO NOT OVERTIGHTEN.
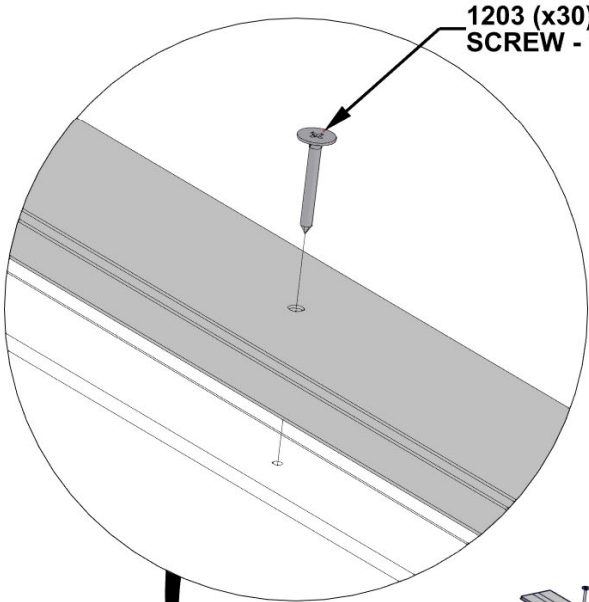
1203 (x30)
SCREW - 1 1/4"

ENSURE THE NARROWER SIDE
OF POLY SPLICE FACES UP.
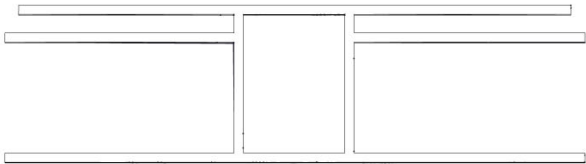
END VIEW OF POLY SPLICE
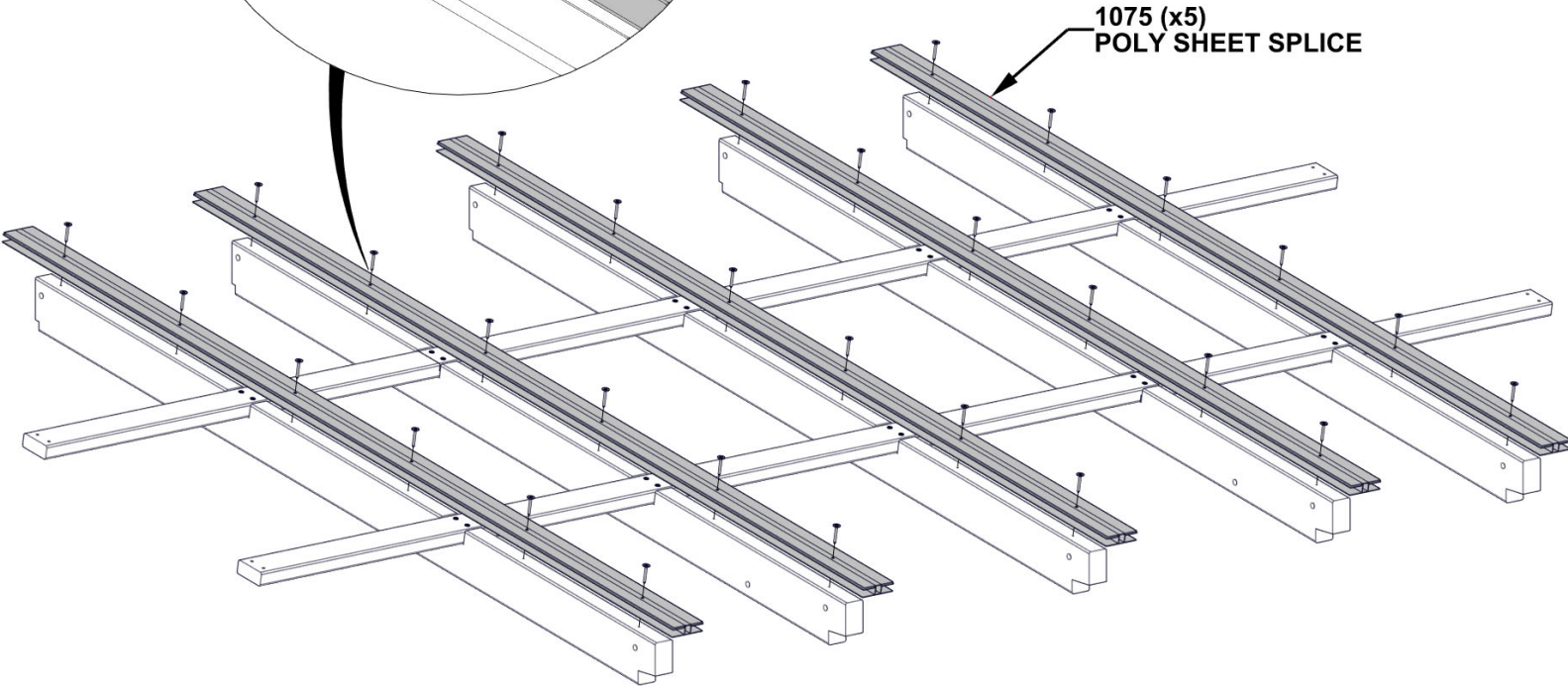
1075 (x5)
POLY SHEET SPLICE

STEP 80 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
10	H100488	BOLT WH 1/4x2 BLK
10	H100630	WASHER FLAT 8x19 BLK
10	H100653	NUT LOCK 1/4 BLK

- WITH AT LEAST TWO PEOPLE, LIFT ROOF ASSEMBLY AND PLACE INTO RAFTER BRACKETS.

ALIGN HOLES ON RAFTERS
WITH RAFTER BRACKETS.

**SMALLER NOTCHES ORIENTED
TO FRONT OF GREENHOUSE.**

488 (x10)
BOLT - 2"

630 (x10)
WASHER - 8x19

653 (x10)
LOCK NUT - 1/4"
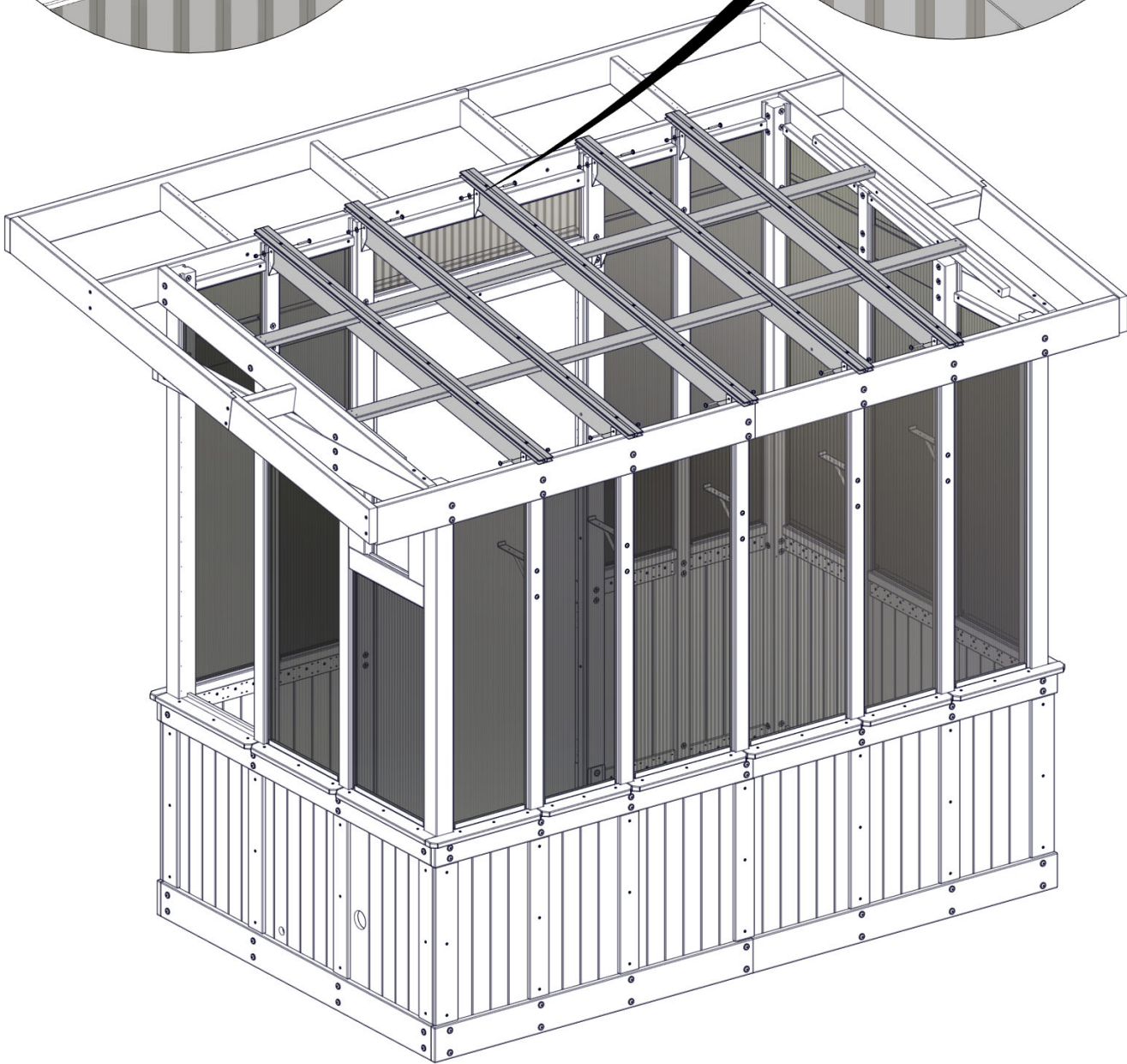
STEP 81 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100391	SCREW PFH 8x2 BLK

391 (x8)
SCREW - 2"

INSERT SCREWS THROUGH PILOT HOLES IN PURLINS INTO PURLIN CLEATS AS SHOWN.
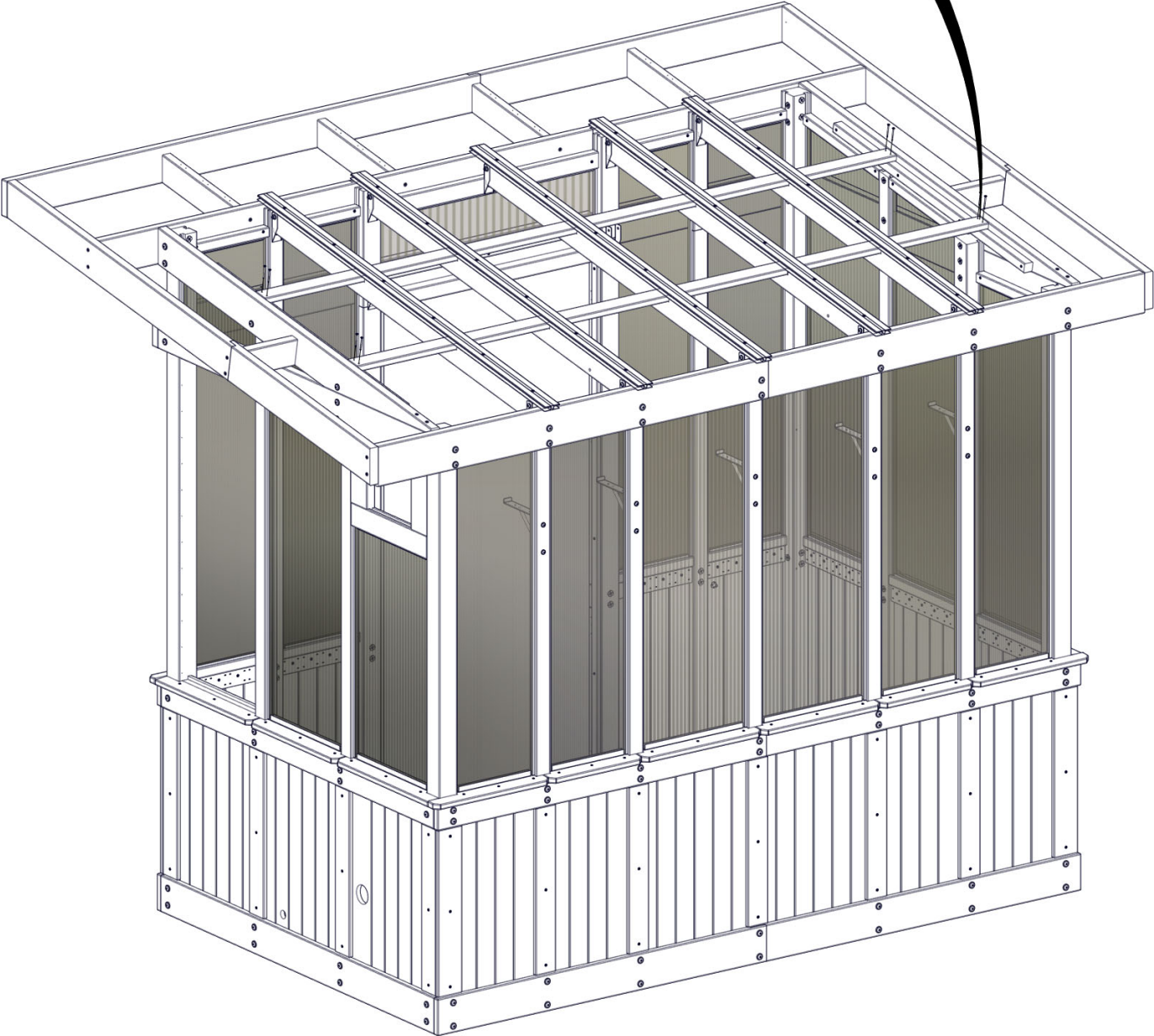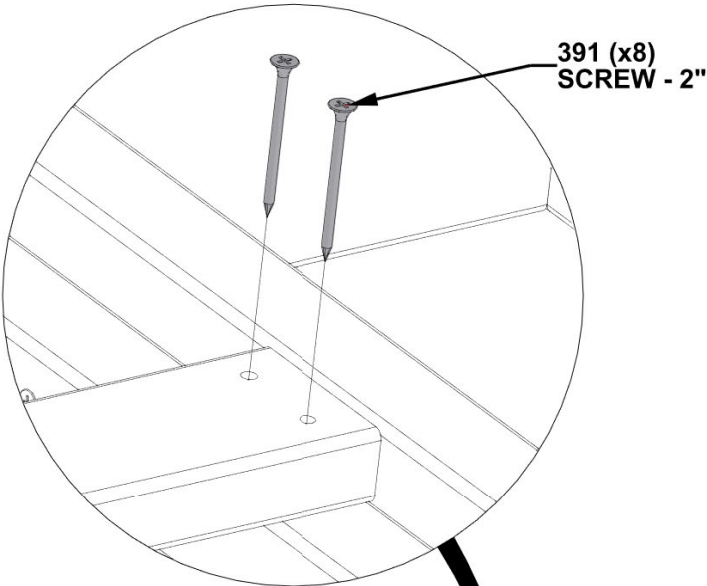
STEP 82 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100200	SCREW PFH 8x1 1/2 BLK
4	H100488	BOLT WH 1/4x2 BLK
4	H100630	WASHER FLAT 8x19 BLK
4	H100653	NUT LOCK 1/4 BLK

E15   JOIST - W4L20643
(x2)   1 7/16"x3 3/8"x60 7/16" (36x86x1535)
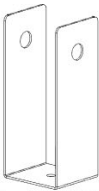
A4M03417   TRUSS BRACKET
(x2)

- ATTACH JOISTS AND TRUSS
  BRACKETS AS SHOWN.
- ALIGN PILOT HOLES AND INSERT
  SCREWS AFTER ALL OTHER
  HARDWARE IS ATTACHED.
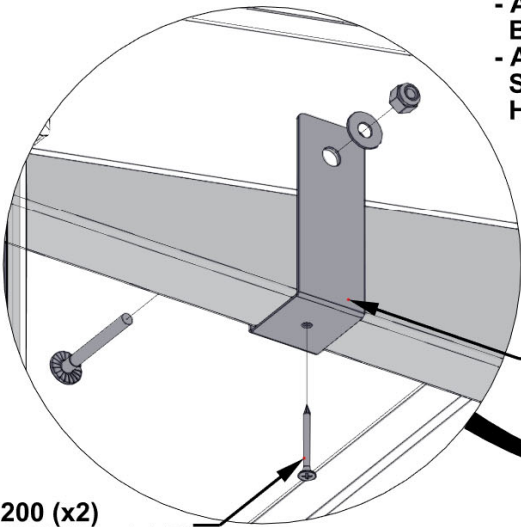
488 (x4)
BOLT - 2"
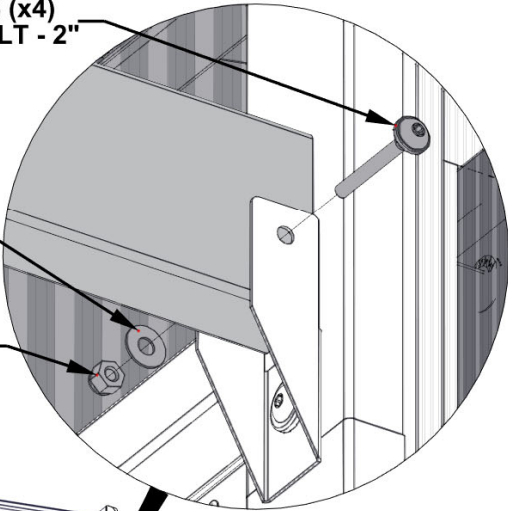
630 (x4)
WASHER - 8x19

653 (x4)
LOCK NUT - 1/4"

3417 (x2)
TRUSS BRACKET

200 (x2)
SCREW - 1 1/2"
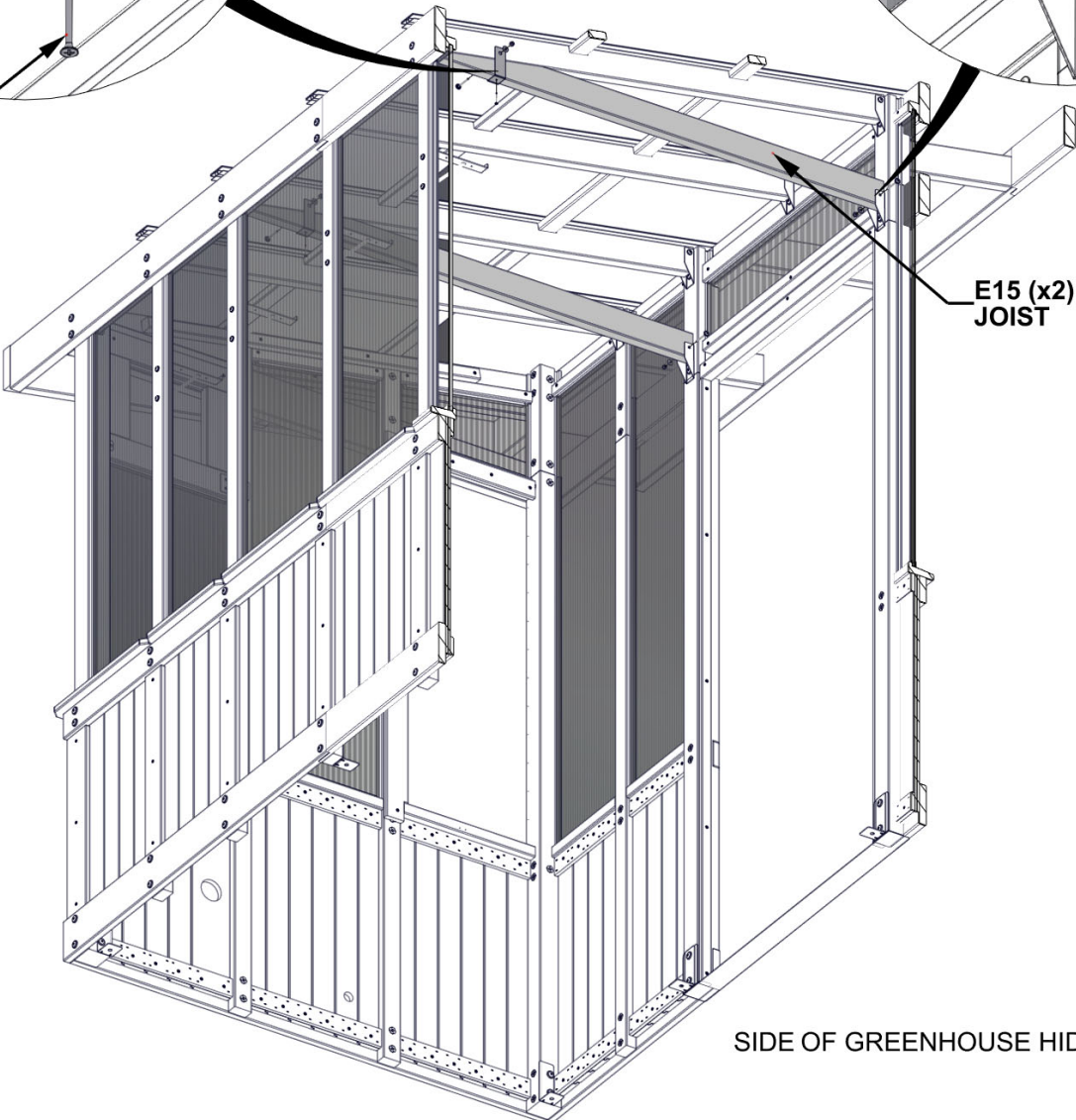
E15 (x2)
JOIST

SIDE OF GREENHOUSE HIDDEN FOR DETAIL.

STEP 83 - ROOF ASSEMBLY

A4M04031   DRIP EDGE
(x2)
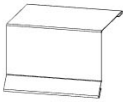
A4M03419   DRIP EDGE SPLICE
(x1)

WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL.

REMOVE BLUE FILM FROM SHEET METAL.
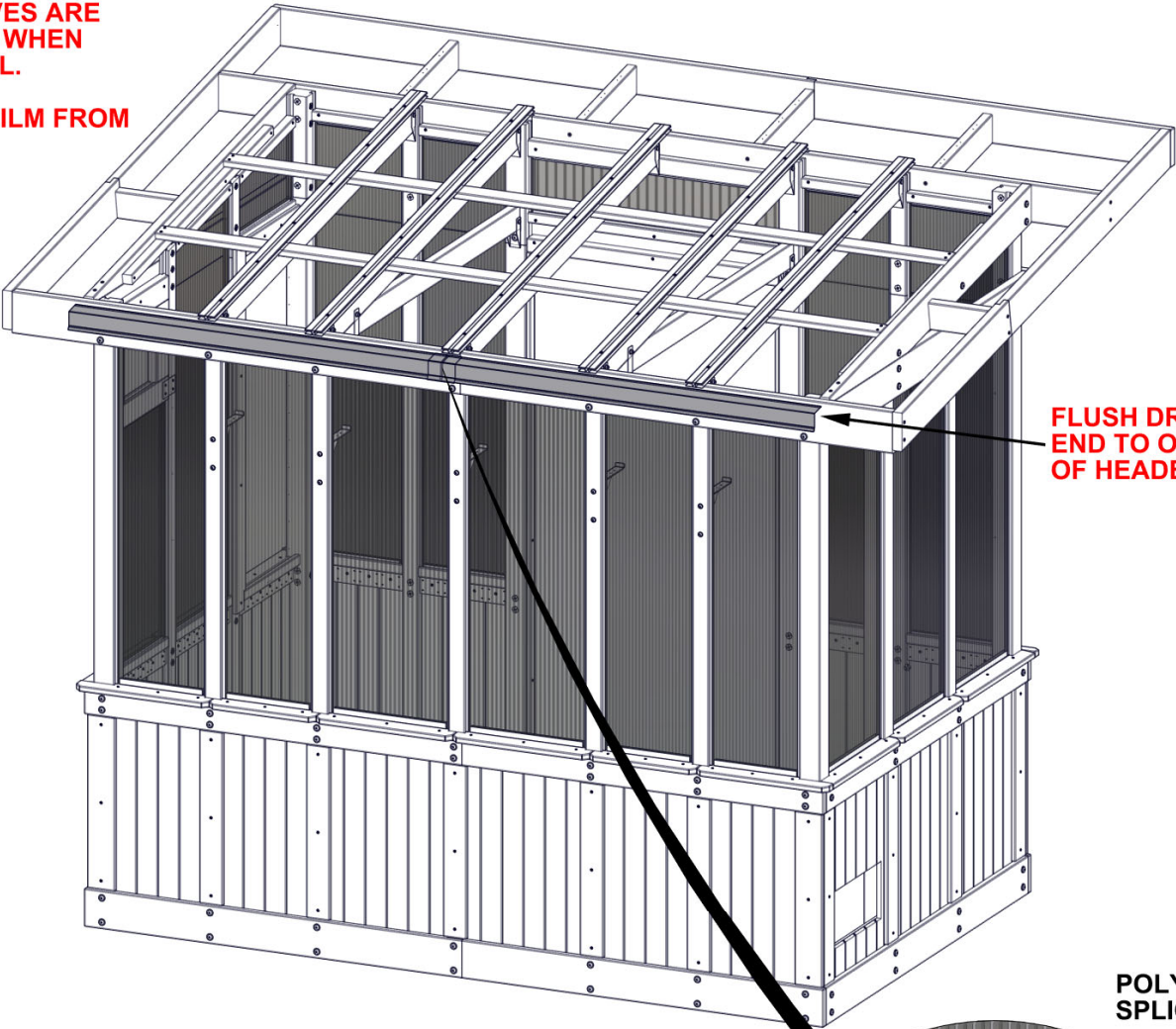
FLUSH DRIP EDGE END TO OUTSIDE OF HEADER.

POLY SHEET SPLICE

HEADER

- SLIDE DRIP EDGE INTO DRIP EDGE SPLICE.
- THEN SLIDE ASSEMBLY UNDER POLY SHEET SPLICE ON TOP OF THE HEADER.
- THE LOWER SCREWS ON THE POLY SHEET SPLICE MAY NEED TO BE LOOSENED TO INSERT THE ASSEMBLY.

4031 (x2) DRIP EDGE

3419 (x1) DRIP EDGE SPLICE
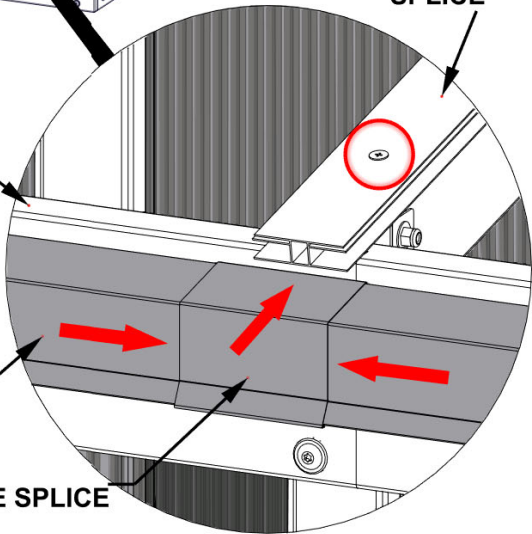
STEP 84 - ROOF ASSEMBLY

A4M04032   DRIP EDGE
(x2)

A6P00813   DOUBLE SIDED TAPE
(x1)
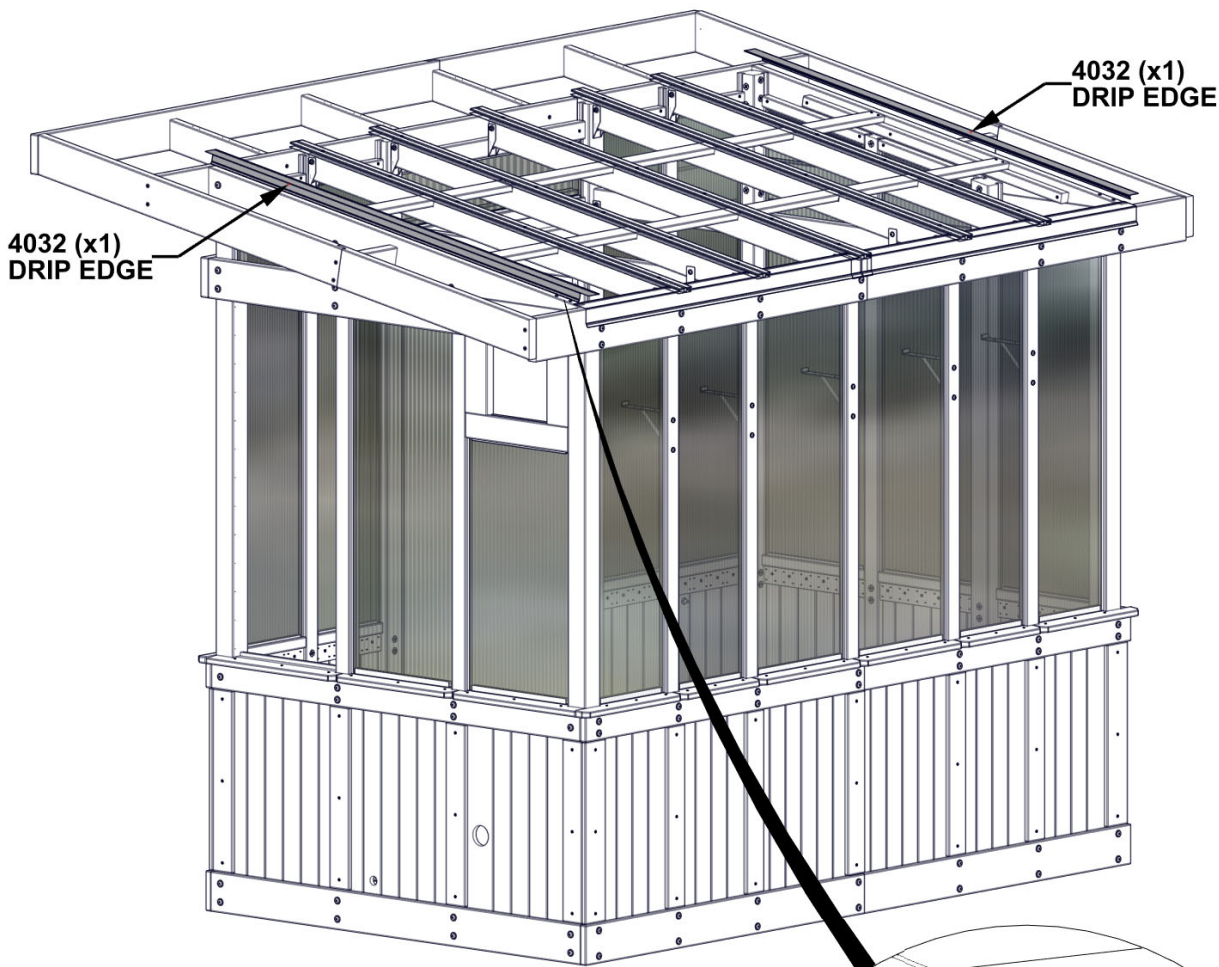
**4032 (x1)
DRIP EDGE**

**4032 (x1)
DRIP EDGE**
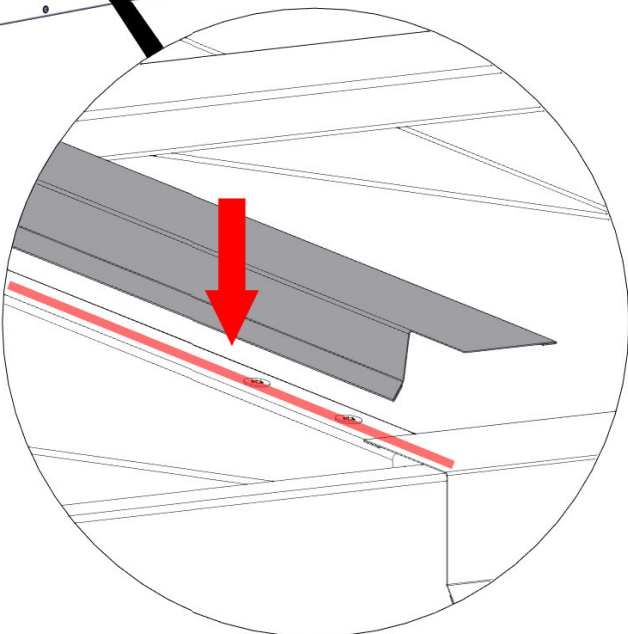
- BEFORE INSTALLING DRIP EDGE, APPLY DOUBLE
  SIDED TAPE TO TOP OF HEADERS AS SHOWN.
- WITH THE SHORTER SIDE OF THE DRIP EDGE
  AGAINST THE OUTSIDE OF THE HEADER, PRESS DRIP
  EDGE INTO PLACE TO ENSURE TAPE ADHESION.

STEP 85 - ROOF ASSEMBLY

A6P01076   POLY SHEET
(x2)

A6P01080   POLY CHANNEL
(x4)

A6P00690   DUST SEAL TAPE

TO APPLY DUST SEAL TAPE AND POLY CHANNEL:
- CUT 2 STRIPS OF DUST SEAL TAPE THE SAME WIDTH AS THE POLY SHEET.
- WRAP DUST SEAL TAPE ALONG EDGE OF POLY SHEET WIDTH.
- AFTER TAPE IS SECURE, PUSH CHANNEL ON OVER THE TAPE, CENTERING ON THE POLY SHEET.
- REPEAT ON THE BOTTOM SIDE OF POLY SHEET.
- REPEAT FOR BOTH WINDOW ASSEMBLIES.

1080 (x2)
POLY CHANNEL

1076 (x1)
POLY SHEET

0690 (x2)
DUST SEAL TAPE
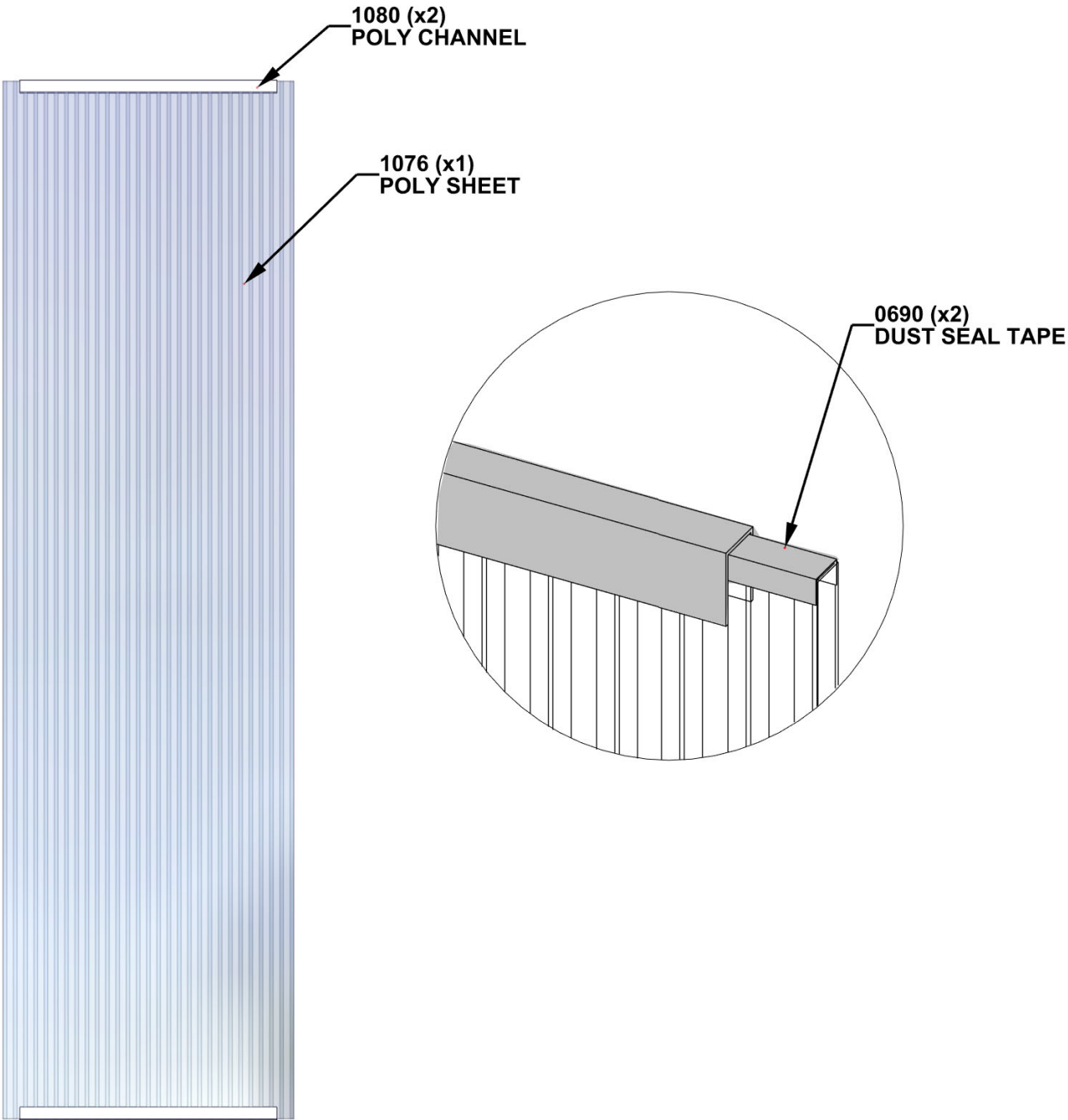
STEP 86 - ROOF ASSEMBLY

IMPORTANT!

- ENSURE UV SIDE OF ROOF PANELS ARE FACING OUTSIDE.
- REMOVE THE PROTECTIVE FILM PRIOR TO INSTALLATION OF ROOF PANELS.

POLY SHEET
SPLICE

- SLIDE POLY SHEETS INTO POLY SHEET SPLICES.
- PUSH THE SHEETS UNTIL BOTTOM OF SHEET IS
  FLUSH WITH END OF POLY SHEET SPLICE.

**ROOF ASSEMBLIES
FROM PREVIOUS STEP**
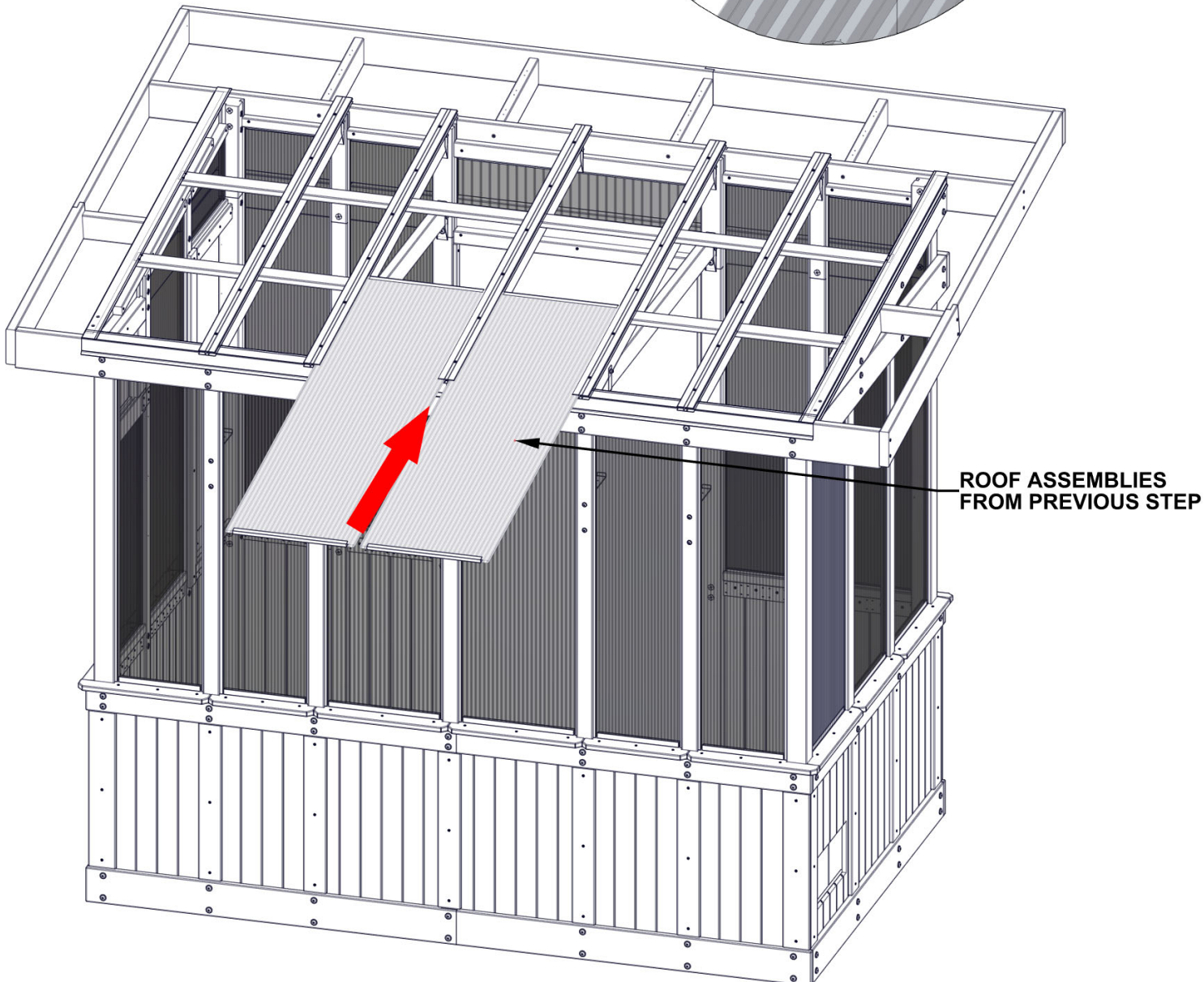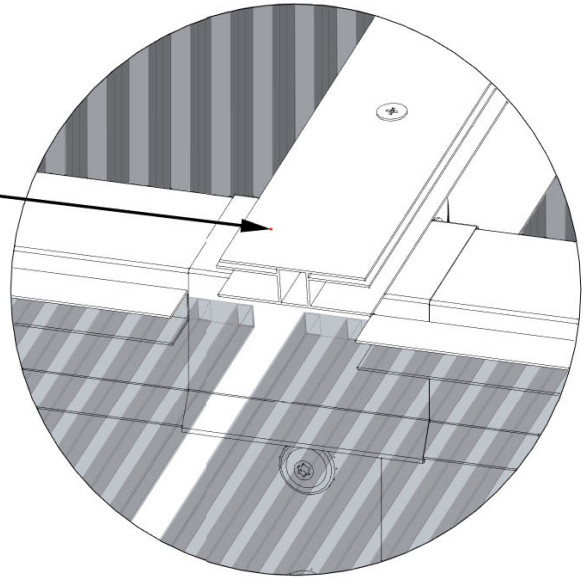
STEP 87 - ROOF ASSEMBLY

A6P01077   POLY SHEET
(x2)

A6P01081   POLY CHANNEL
(x4)

A6P00690   DUST SEAL TAPE

TO APPLY DUST SEAL TAPE AND POLY CHANNEL:
- CUT 2 STRIPS OF DUST SEAL TAPE THE SAME WIDTH AS THE POLY SHEET.
- WRAP DUST SEAL TAPE ALONG EDGE OF POLY SHEET WIDTH.
- AFTER TAPE IS SECURE, PUSH CHANNEL ON OVER THE TAPE, CENTERING ON THE POLY SHEET.
- REPEAT ON THE BOTTOM SIDE OF POLY SHEET.
- REPEAT FOR BOTH WINDOW ASSEMBLIES.

1081 (x2)
POLY CHANNEL

1077 (x1)
POLY SHEET

0690 (x2)
DUST SEAL TAPE
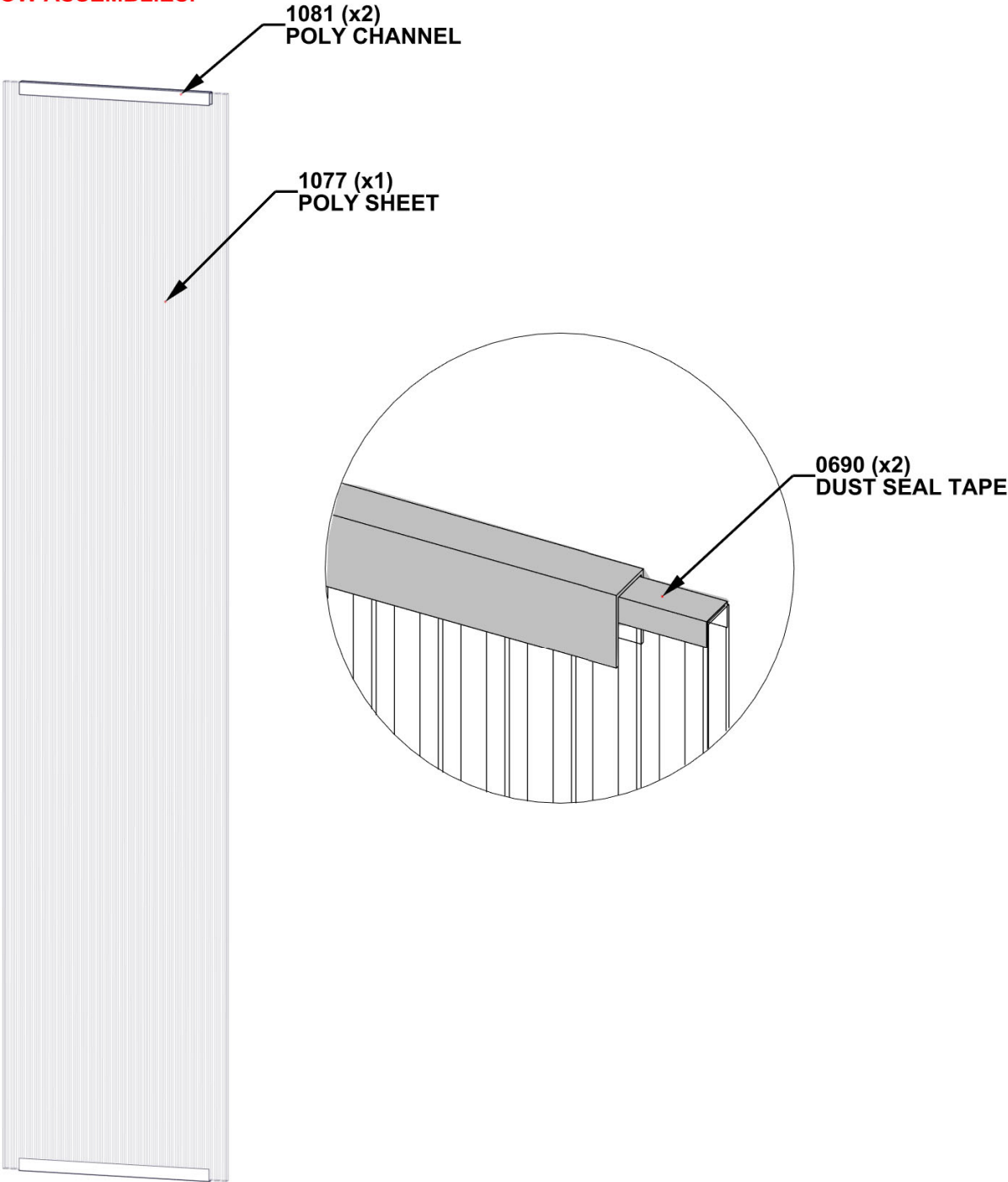
STEP 88 - ROOF ASSEMBLY

IMPORTANT!

- ENSURE UV SIDE OF ROOF PANELS ARE FACING OUTSIDE.
- REMOVE THE PROTECTIVE FILM PRIOR TO INSTALLATION OF ROOF PANELS.

POLY SHEET SPLICE

- SLIDE POLY SHEETS INTO POLY SHEET SPLICES.
- PUSH THE SHEETS UNTIL BOTTOM OF SHEET IS
** FLUSH WITH END OF POLY SHEET SPLICE.**

ROOF ASSEMBLIES FROM PREVIOUS STEP

STEP 89 - ROOF ASSEMBLY

A6P01076   POLY SHEET
(x2)
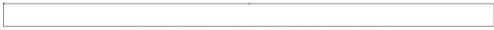
A6P01080   POLY CHANNEL
(x4)

A6P00690   DUST SEAL TAPE

TO APPLY DUST SEAL TAPE AND POLY CHANNEL:
- CUT 2 STRIPS OF DUST SEAL TAPE THE SAME WIDTH AS THE POLY SHEET.
- WRAP DUST SEAL TAPE ALONG EDGE OF POLY SHEET WIDTH.
- AFTER TAPE IS SECURE, PUSH CHANNEL ON OVER THE TAPE, CENTERING ON THE POLY SHEET.
- REPEAT ON THE BOTTOM SIDE OF POLY SHEET.
- REPEAT FOR BOTH WINDOW ASSEMBLIES.

1080 (x2)
POLY CHANNEL

1076 (x1)
POLY SHEET

0690 (x2)
DUST SEAL TAPE
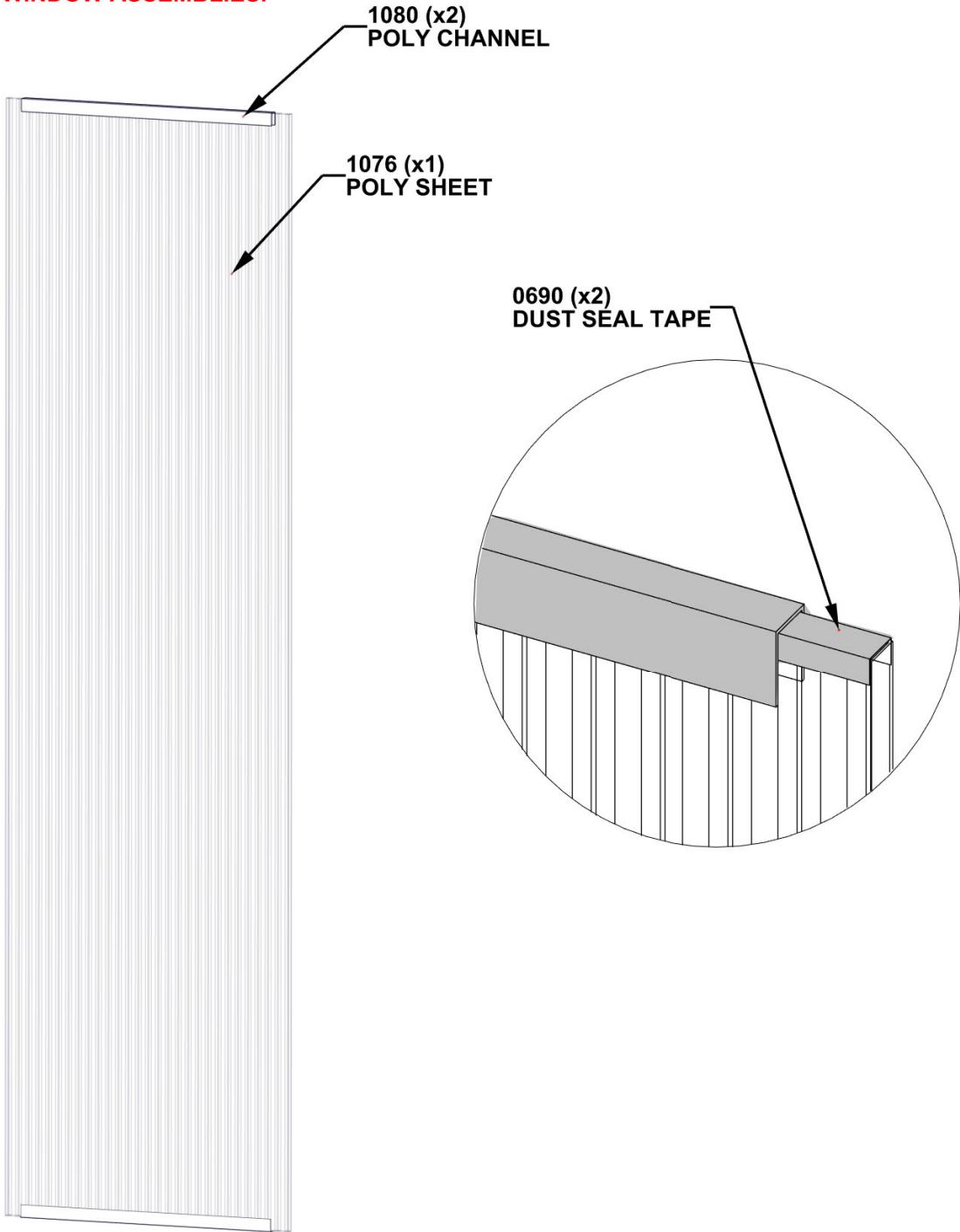
STEP 90 - ROOF ASSEMBLY

IMPORTANT!

- ENSURE UV SIDE OF ROOF PANELS ARE FACING OUTSIDE.
- REMOVE THE PROTECTIVE FILM PRIOR TO INSTALLATION OF ROOF PANELS.

POLY SHEET SPLICE

- SLIDE POLY SHEETS INTO POLY SHEET SPLICES.
- PUSH THE SHEETS UNTIL BOTTOM OF SHEET IS FLUSH WITH END OF POLY SHEET SPLICE.
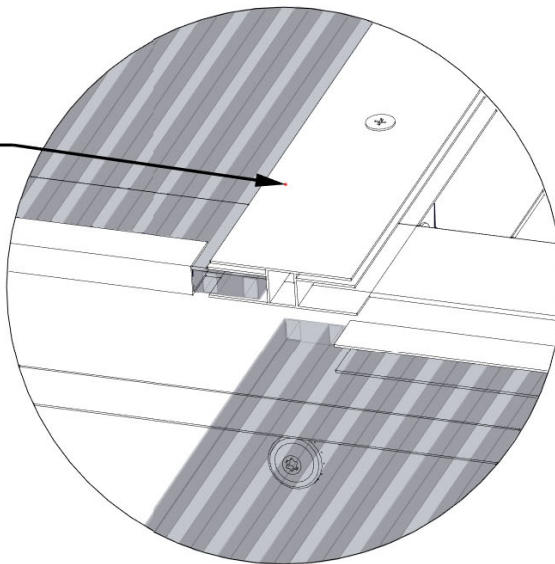
ROOF ASSEMBLIES FROM PREVIOUS STEP
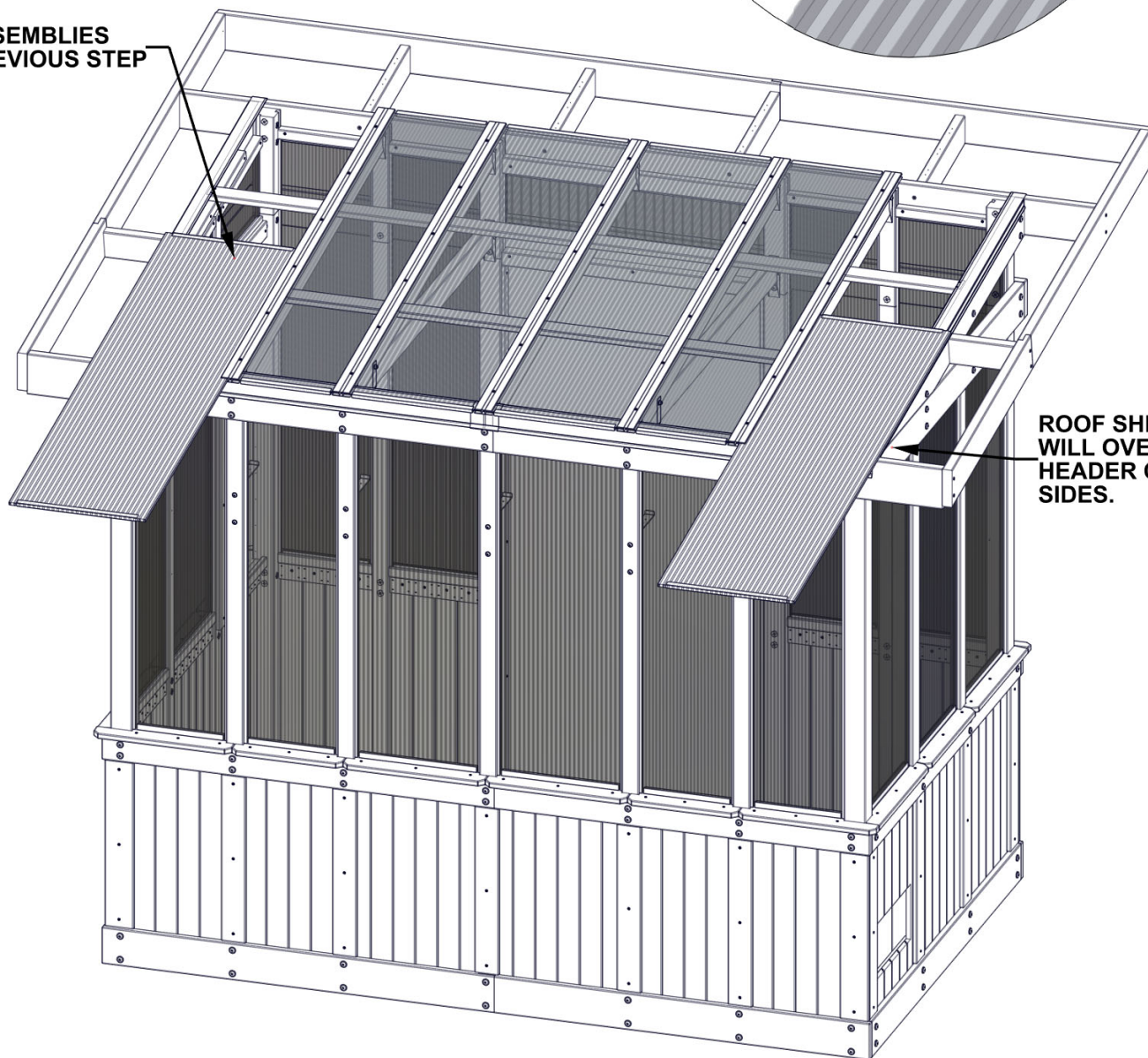
ROOF SHEETS WILL OVERHANG HEADER ON THE SIDES.

STEP 91 - ROOF ASSEMBLY

A6P01079   POLY CHANNEL
(x2)
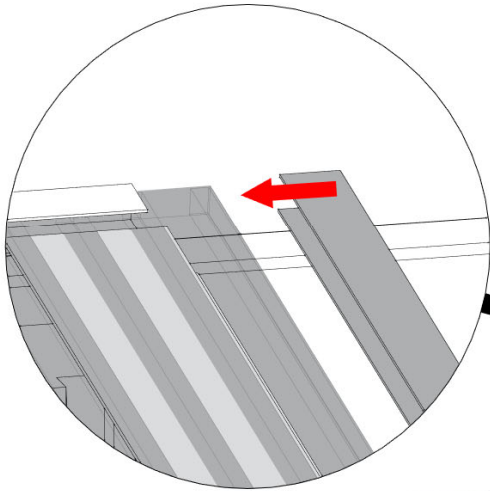
SLIDE POLY CHANNEL ON EACH SIDE
OF ROOF. CENTER EACH CHANNEL
ON THE POLY SHEET EDGE.

1079 (x1)
POLY CHANNEL

1079 (x1)
POLY CHANNEL
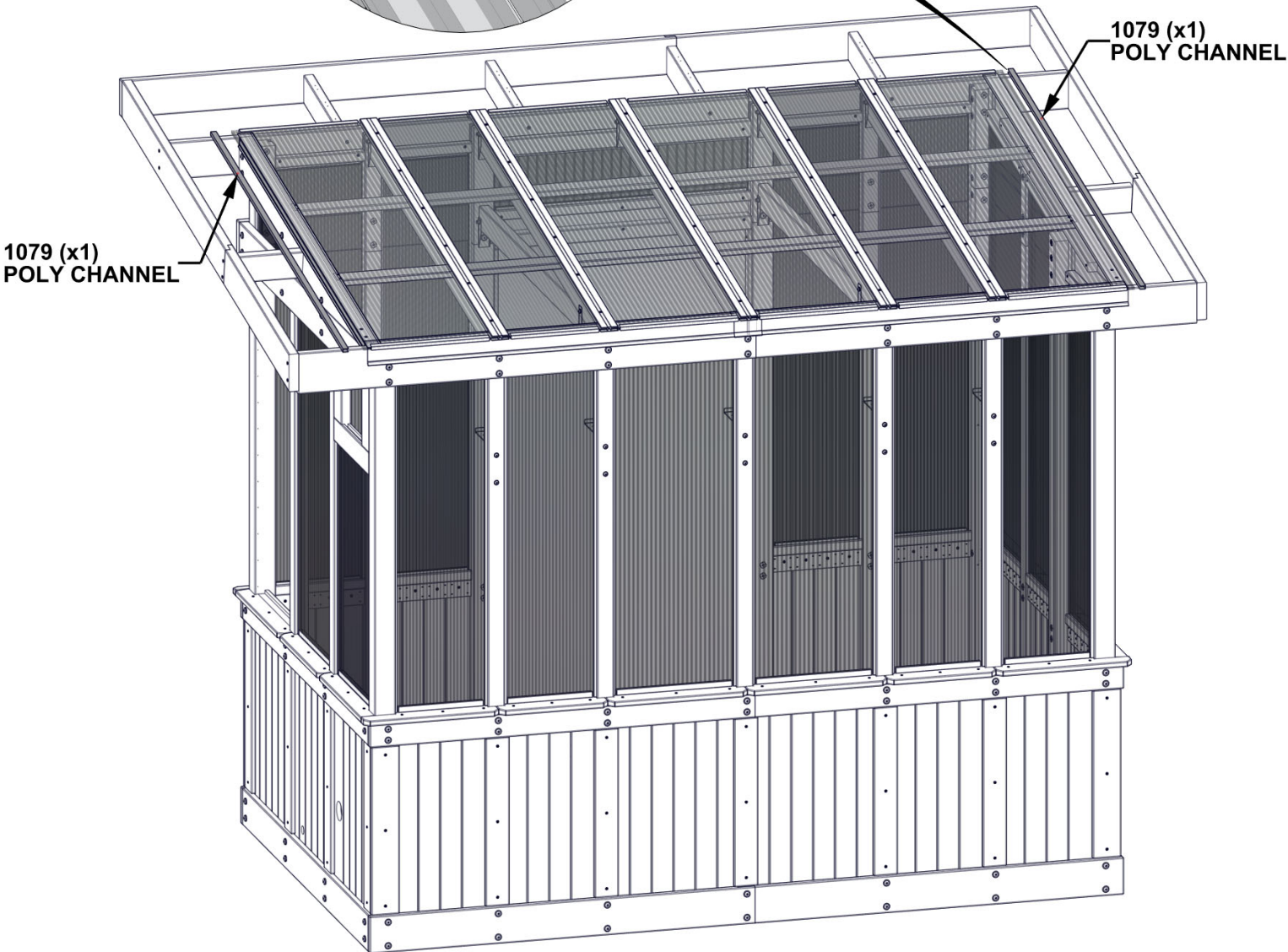
STEP 92 - ROOF ASSEMBLY

A4M04033   SPLICE COVER
(x5)

WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL.

REMOVE BLUE FILM FROM SHEET METAL.

SLIDE TABS ON SPLICE COVERS BETWEEN THE TABS ON THE POLY CHANNEL AND SLIDE UP UNTIL THE BOTTOM OF THE SPLICE IS FLUSH WITH BOTTOM OF THE CHANNEL.
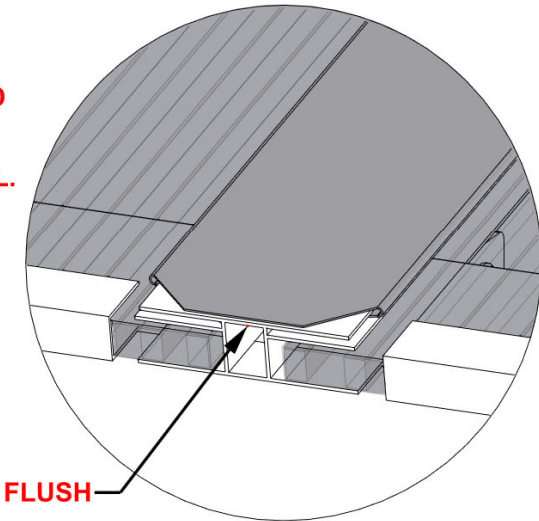
FLUSH
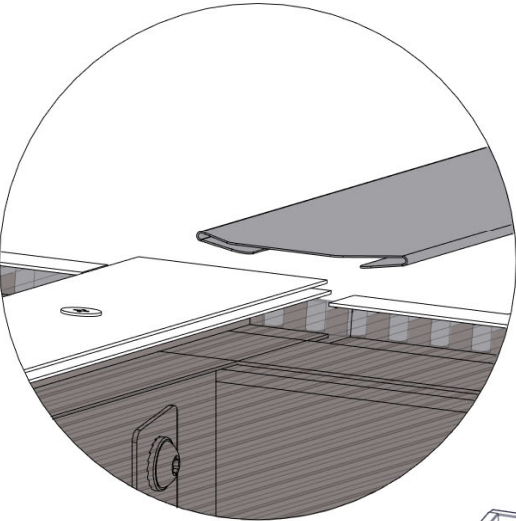
**4033 (x5)
SPLICE COVER**
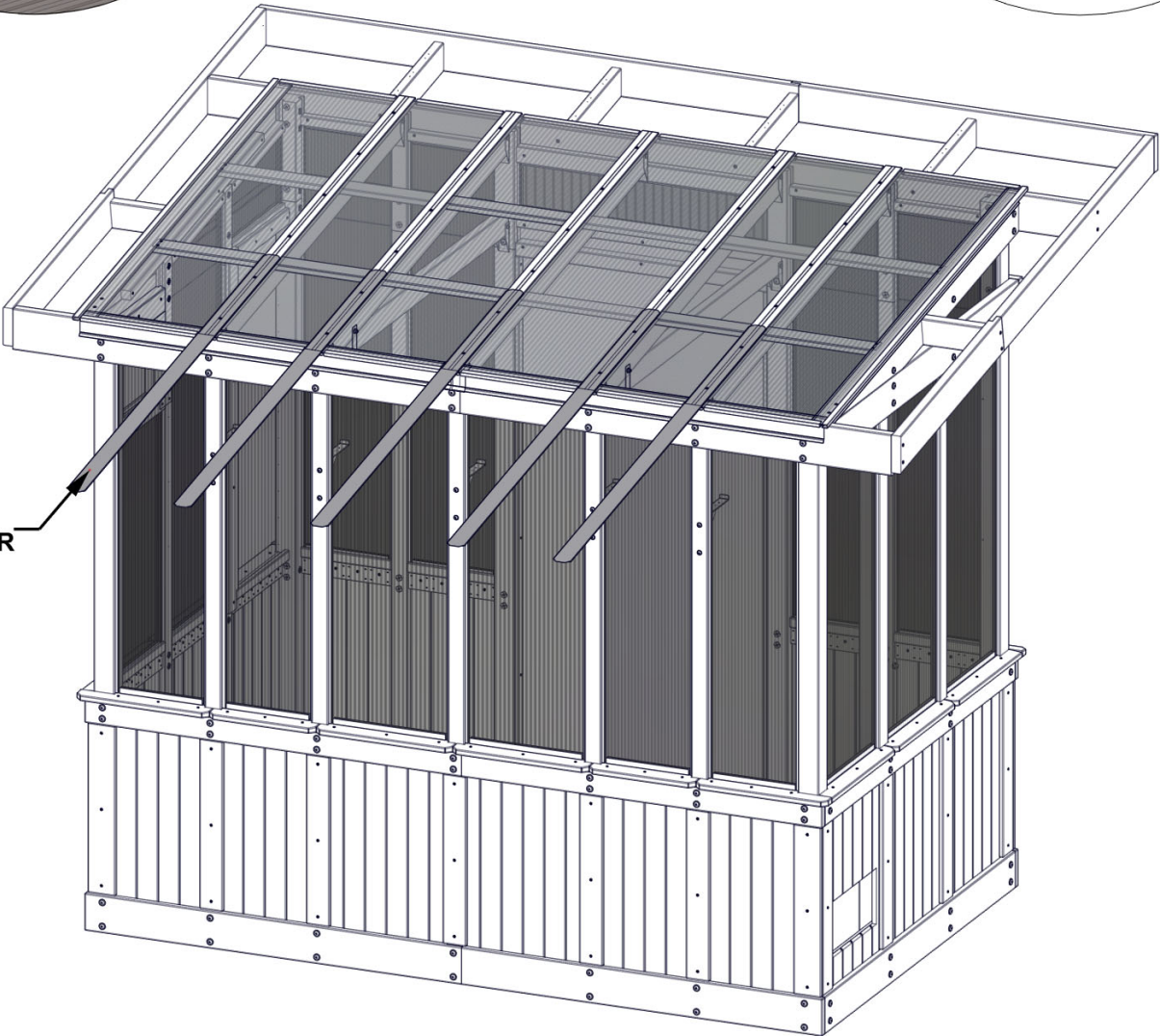
STEP 93 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
5	H101206	SCREW WOODGRIP 10-16x1-1/4"

A4M04034   EDGE TRIM
(x2)
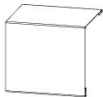
A4M03424   EDGE TRIM SPLICE
(x1)

WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL.

REMOVE BLUE FILM FROM SHEET METAL.

1206 (x5)
SCREW WOODGRIP 10-16x1 1/4"
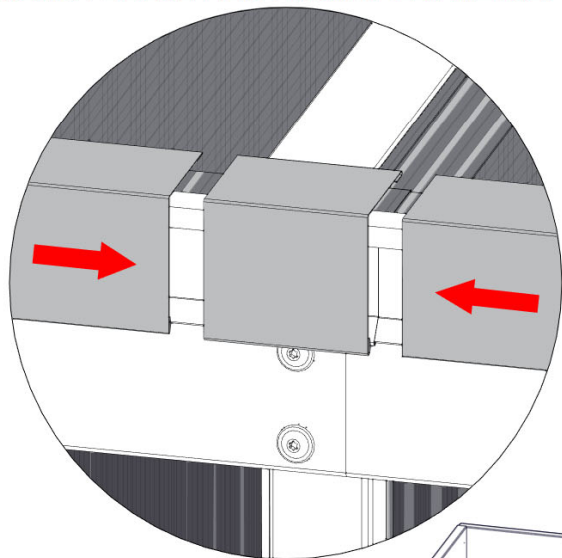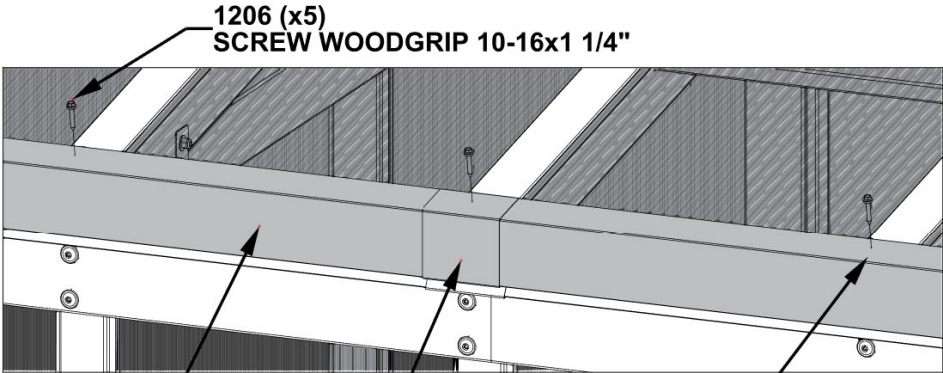
4034 (x2)
EDGE TRIM

3424 (x1)
EDGE TRIM SPLICE

ONCE EDGE TRIM IS IN PLACE, INSERT SCREWS AS SHOWN PLACED 1 1/2" [38mm] FROM OUTSIDE EDGE OF EDGE TRIM.

SLIDE EDGE TRIM INTO EDGE TRIM SPLICE. ADJUST AS NEEDED.
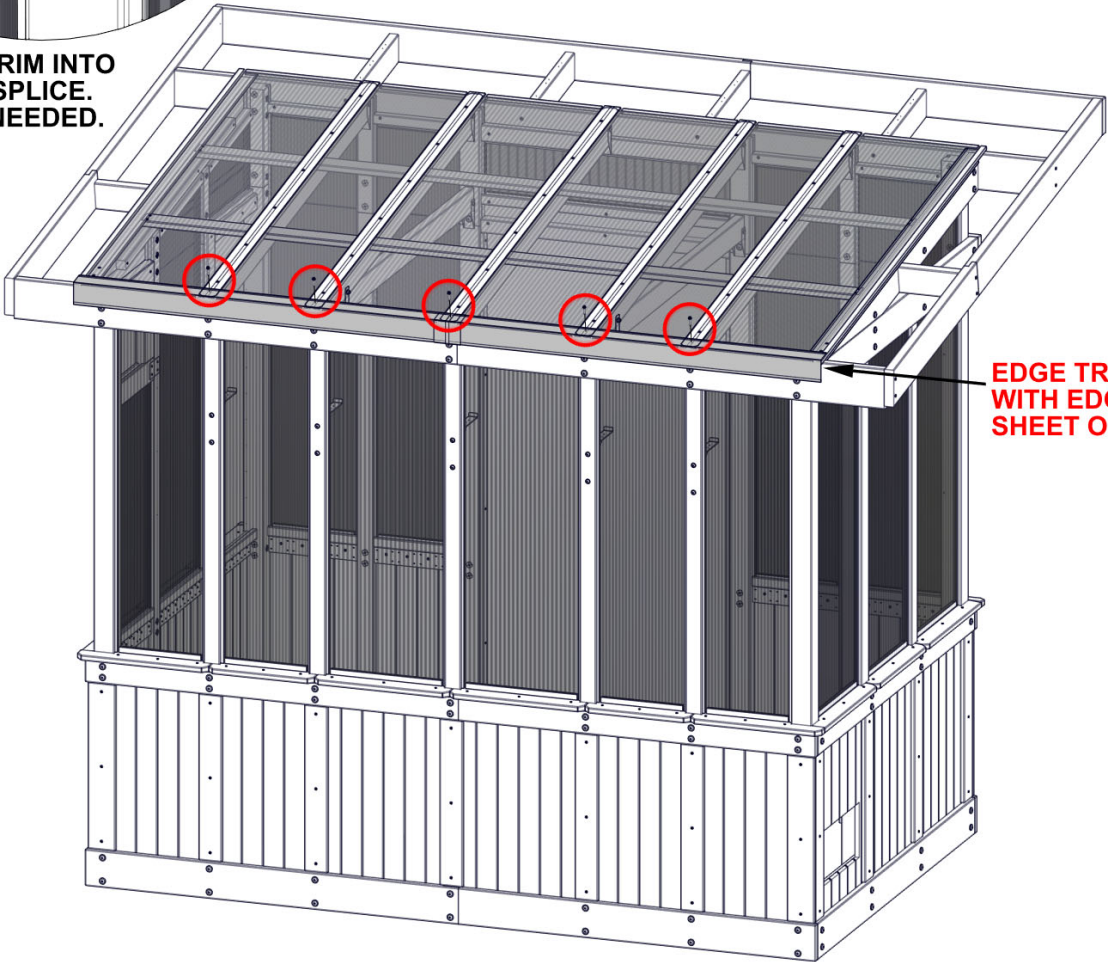
EDGE TRIM IS FLUSH WITH EDGE OF POLY SHEET ON BOTH SIDES.

STEP 94 - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H101206	SCREW WOODGRIP 10-16x1-1/4"
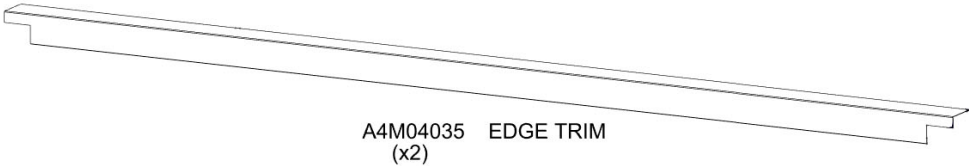
A4M04035   EDGE TRIM
(x2)

WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL.

REMOVE BLUE FILM FROM SHEET METAL.

1206 (x6)
SCREW WOODGRIP 10-16x1-1/4"

ONCE EDGE TRIM IS IN PLACE,
INSERT SCREWS AS SHOWN
PLACED 1 1/2" [38mm] FROM
OUTSIDE EDGE OF EDGE TRIM.
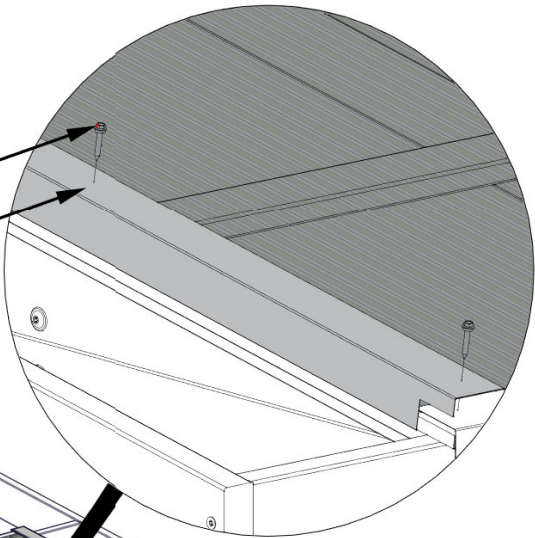
4035 (x2)
EDGE TRIM
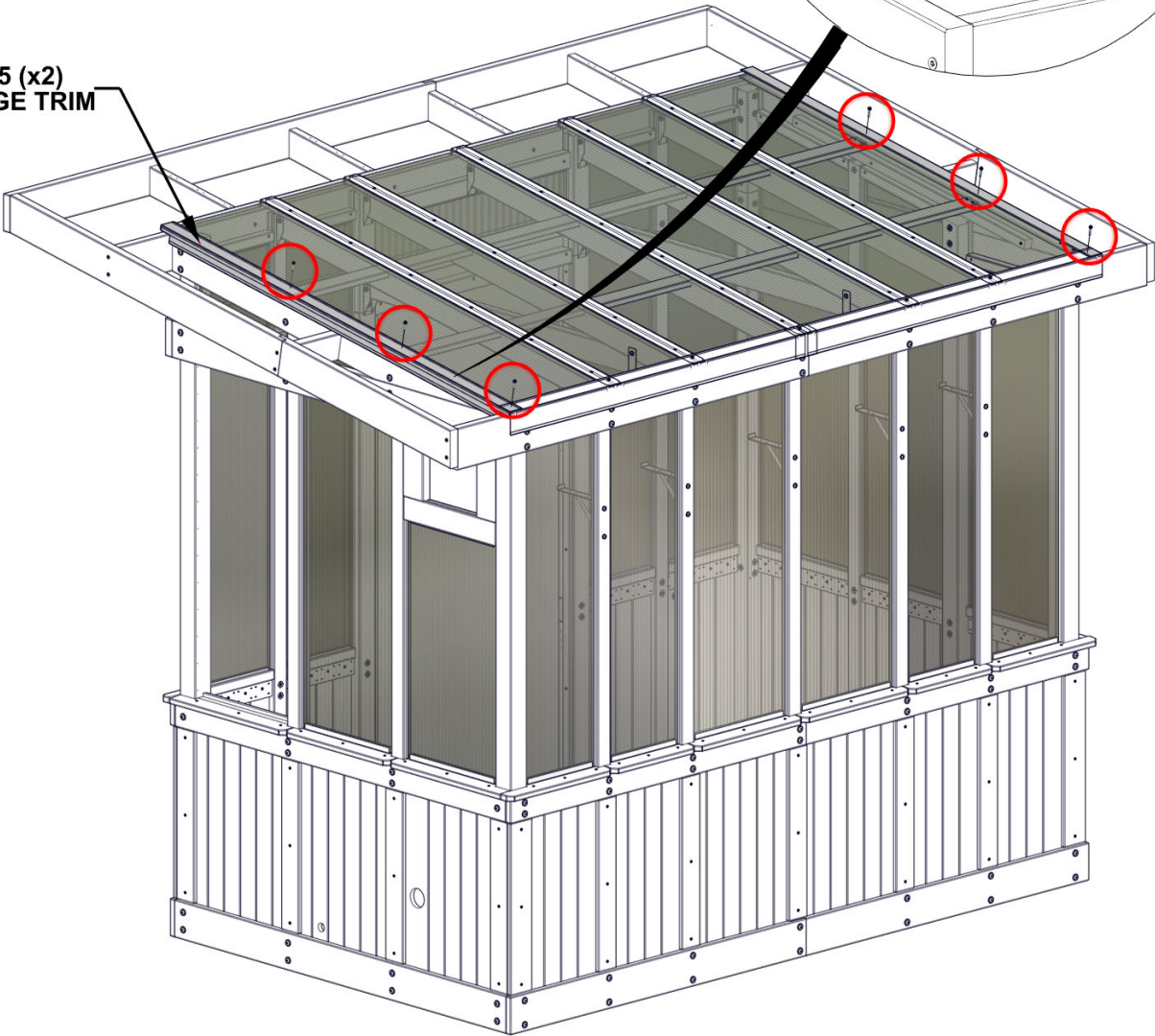
STEP 95A - ROOF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
7	H101206	SCREW WOODGRIP 10-16x1-1/4"

A4M04036   EDGE TRIM
(x2)
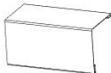
A4M03423   EDGE TRIM SPLICE
(x1)

WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL. REMOVE BLUE FILM FROM SHEET METAL.

WIDER SIDE FACES UP.
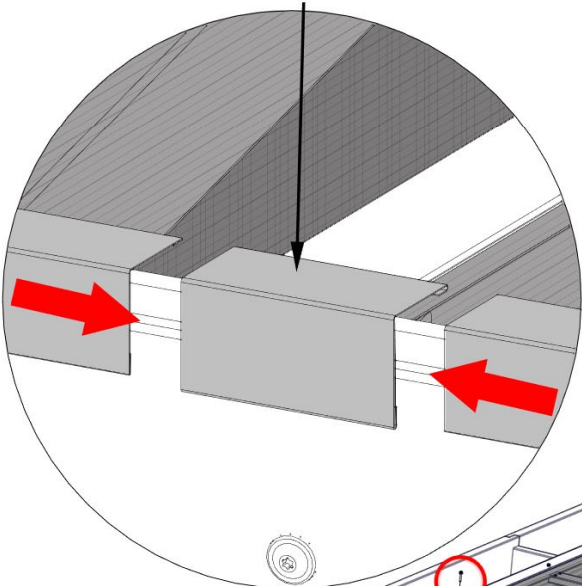
1206 (x7)
SCREW WOODGRIP - 10-16x1-1/4"

4036 (x2)
EDGE TRIM

3423 (x1)
EDGE TRIM SPLICE

ONCE EDGE TRIM IS IN PLACE, INSERT SCREWS AS SHOWN PLACED 1" [24mm] FROM OUTSIDE EDGE OF EDGE TRIM.

SLIDE EDGE TRIM INTO EDGE TRIM SPLICE. ADJUST AS NEEDED.

EDGE TRIM IS FLUSH WITH EDGE OF POLY SHEET ON BOTH SIDES.
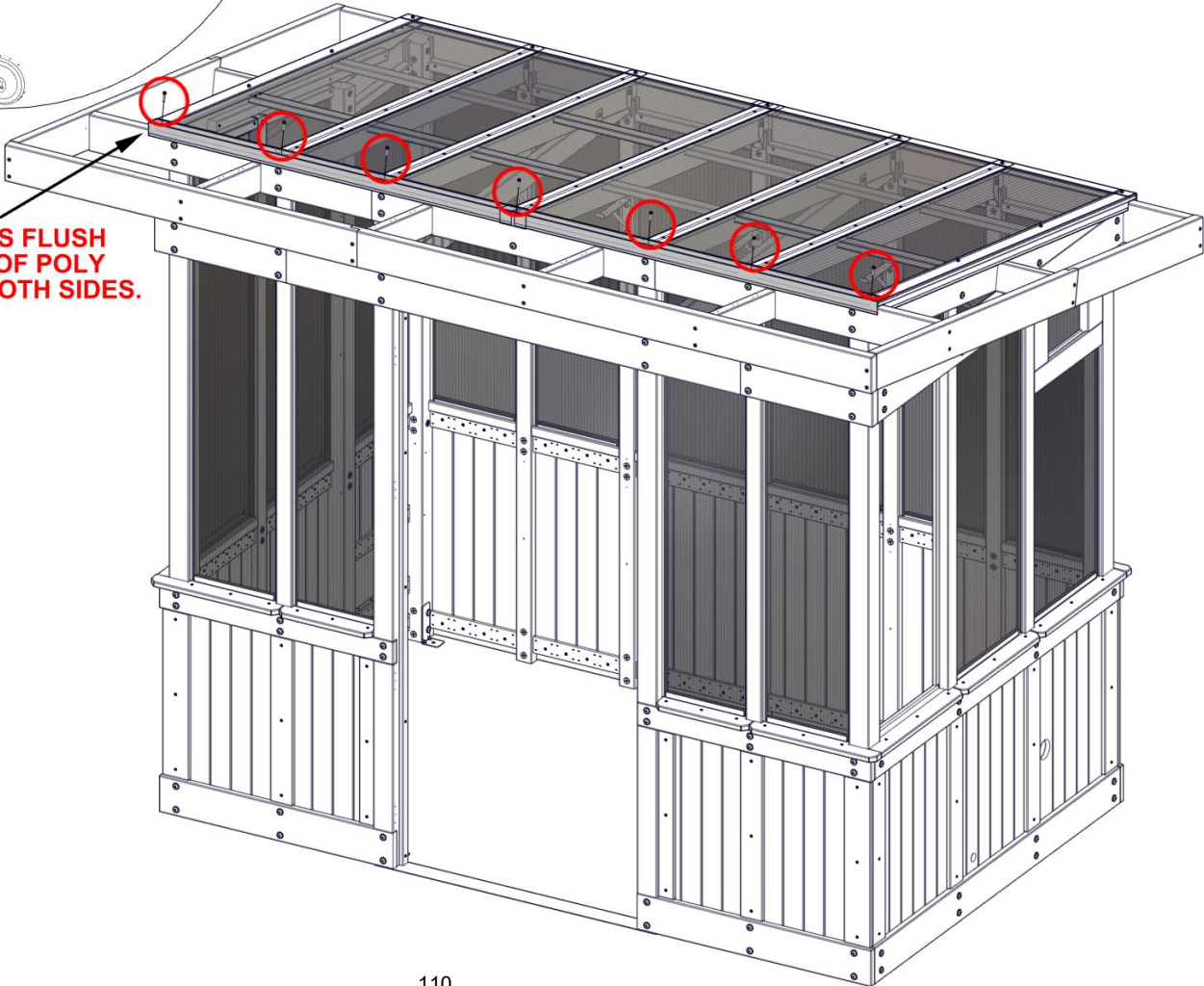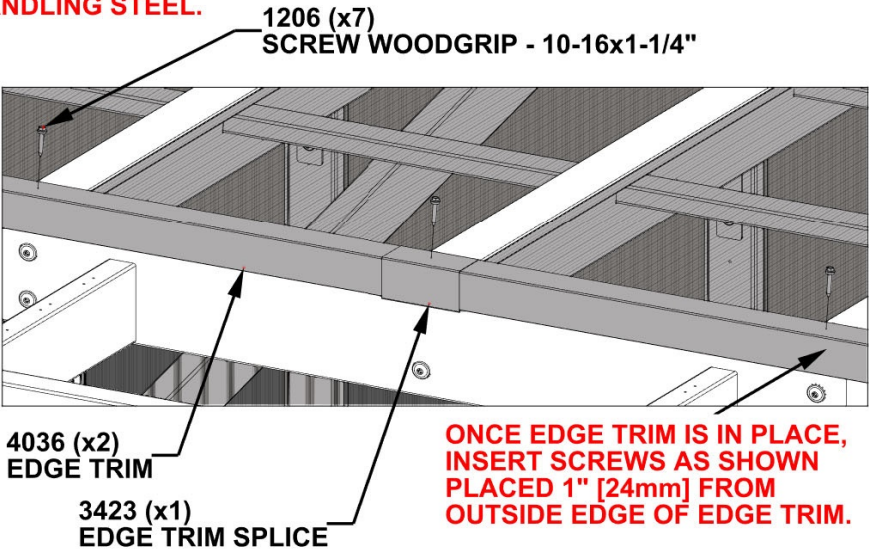
STEP 95B - ROOF ASSEMBLY

A6P00796   SILICONE

APPLY SILICONE TO ROOF PANEL SEAMS AS SHOWN.
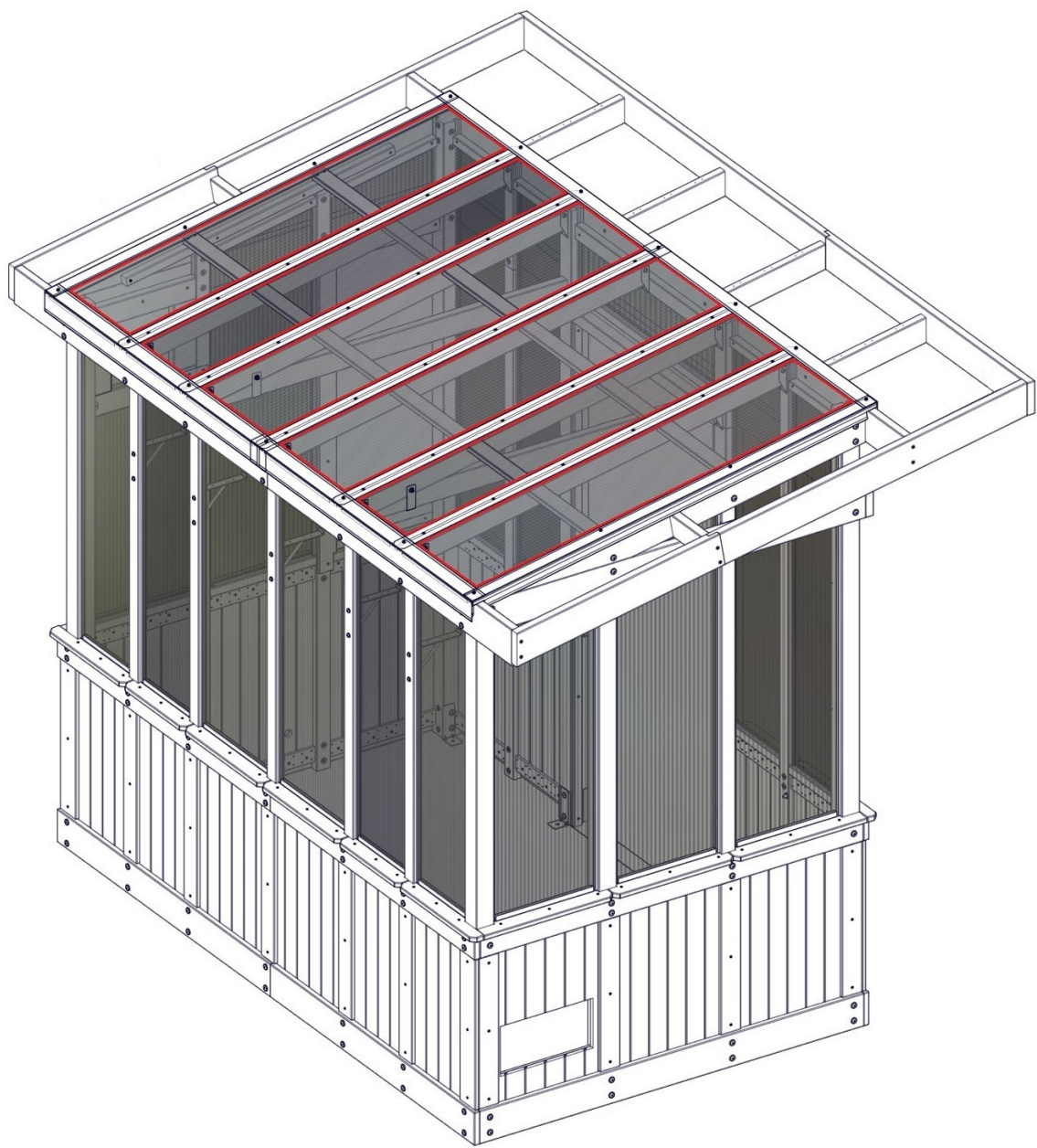
STEP 96 - PERGOLA ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100391	SCREW PFH 8x2 BLK

P09   PURLIN CLEAT - W4L20723
(x2)   1 7/16"x1 7/16"x18 3/4" (36x36x476)

- ALIGN PILOT HOLES.

**P09 (x2)
PURLIN CLEAT**

**ENSURE PILOT HOLES FACE
UP ON CLEATS AS SHOWN.**

**391 (x4)
SCREW - 2"**
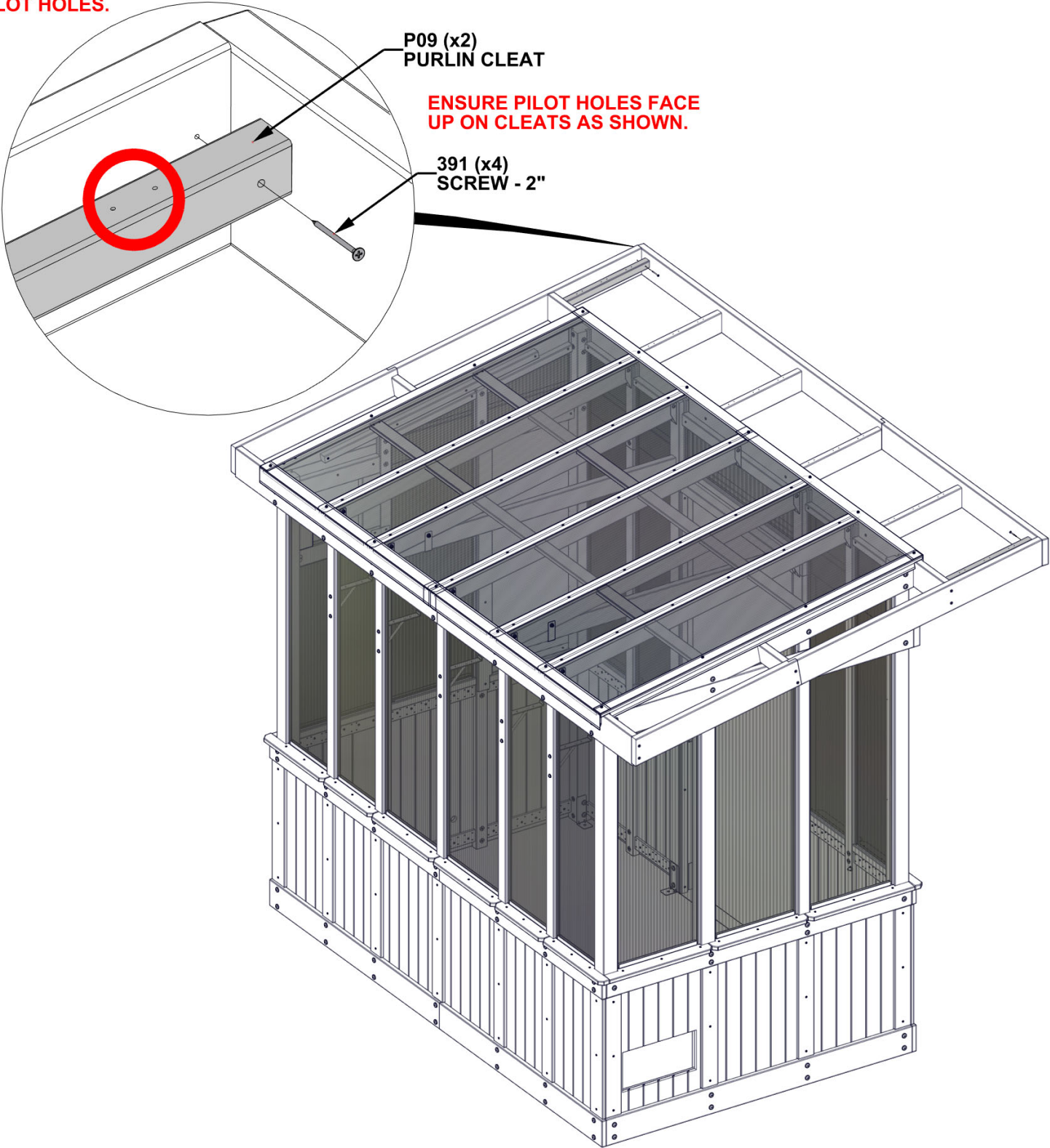
STEP 97 - PERGOLA ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
36	H100200	SCREW PFH 8x1 1/2 BLK

N06   PERGOLA PURLIN - W4L20724
(x3)   5/8"x2 3/8"x52" (16x60x1321)

N07   PERGOLA PURLIN - W4L20725
(x3)   5/8"x2 3/8"x78" (16x60x1981)

200 (x36)
SCREW - 1 1/2"

ATTACH PURLINS USING PILOT HOLES IN PERGOLA RAFTERS AND PURLIN CLEATS.

N07 (x3)
PERGOLA PURLIN

N06 (x3)
PERGOLA PURLIN
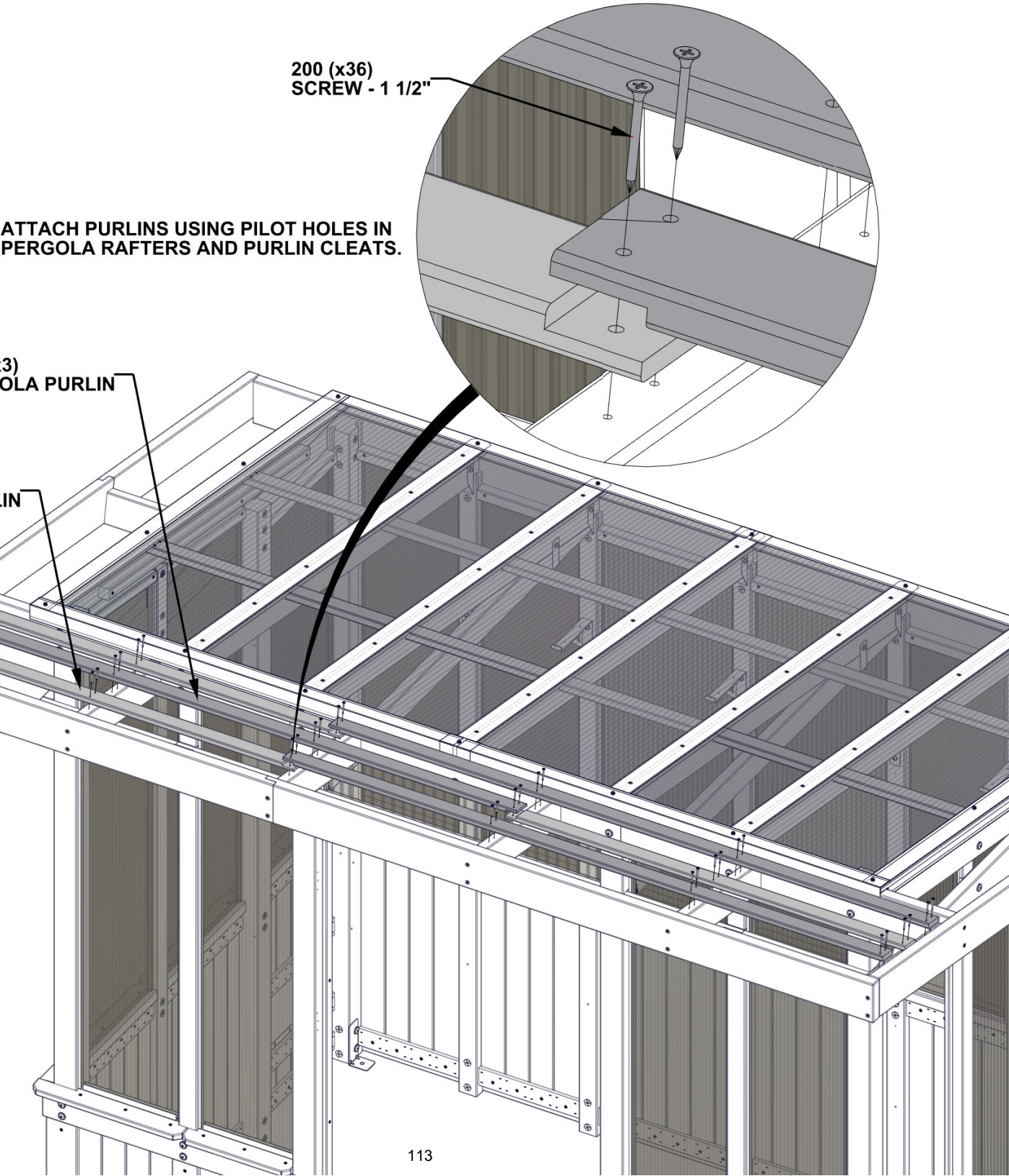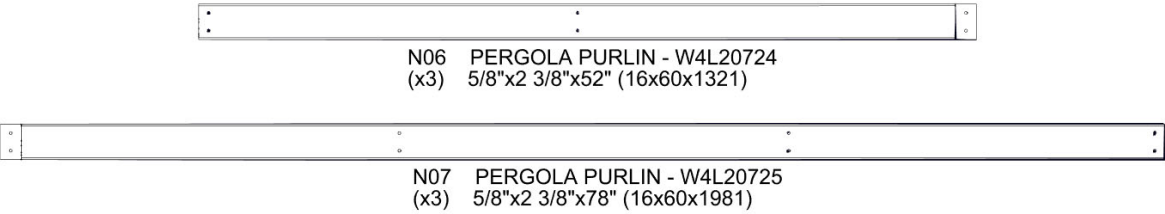
STEP 98 - VENT FRAME ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H100380	SCREW PFH 8x1 1/8 BLK

O02   VENT BOARD - W4L20593
(x2)   5/8"x1 5/16"x16 15/16" (16x34x430)
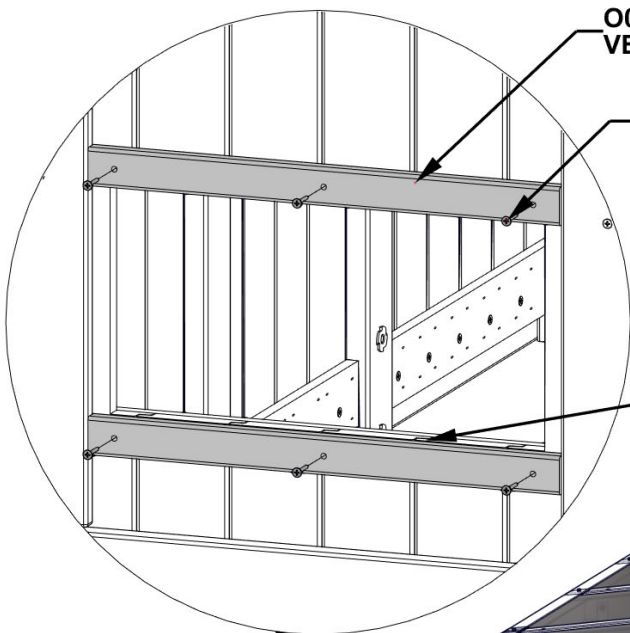
O02 (x2)
VENT BOARD

380 (x6)
SCREW - 1 1/8"

- CENTER VENT BOARDS BETWEEN COVER BOARDS.
- ENSURE THAT VENT BOARDS ARE FLUSH WITH VENT
  OPENINGS AS SHOWN.
- USE HOLES TO PRE-DRILL PILOT HOLES USING AN
  1/8" [3mm] DRILL BIT.
- ATTACH AS SHOWN.

FLUSH
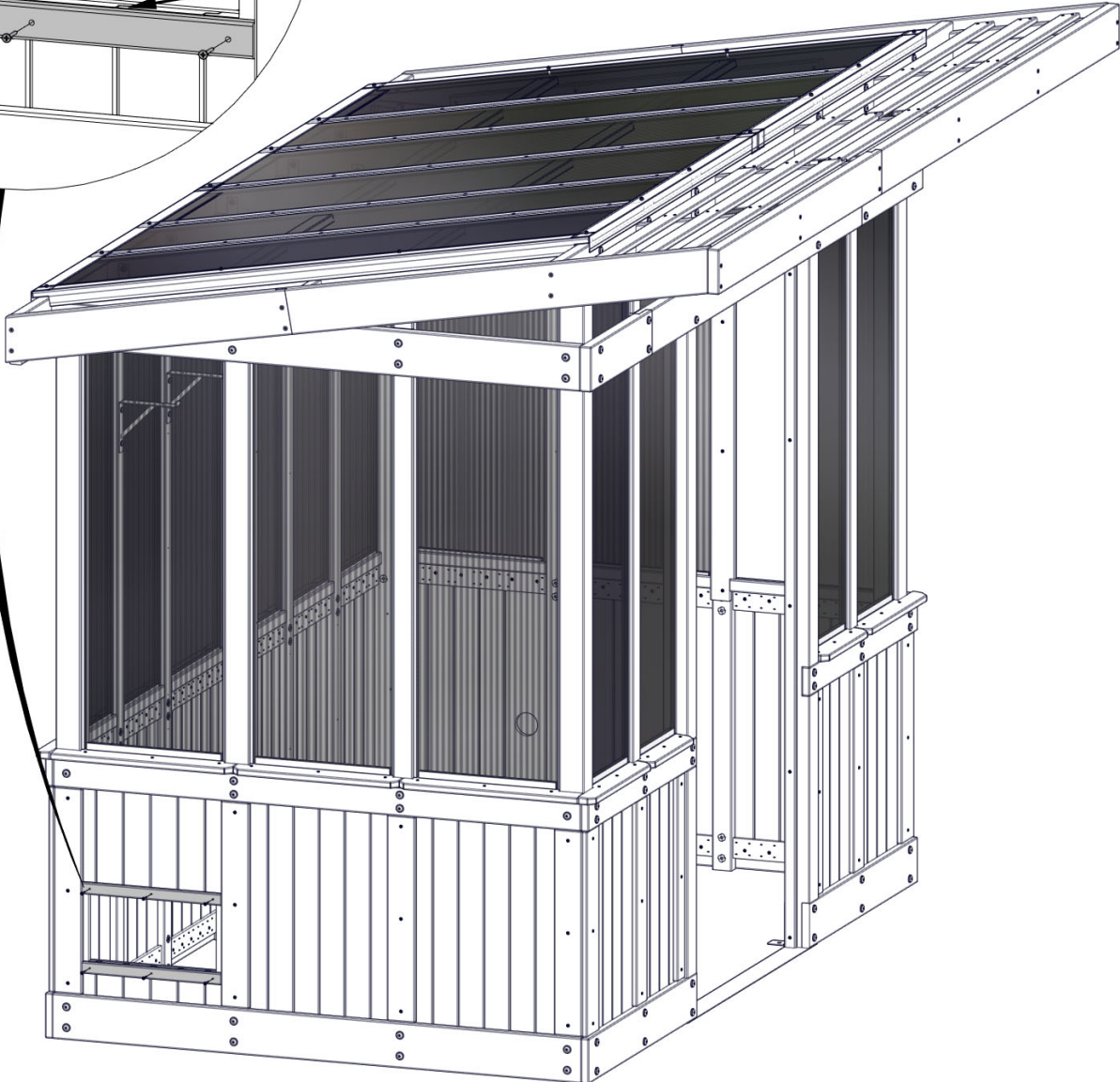
STEP 99 - VENT ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H100797	SCREW PWH 8x1 BLK
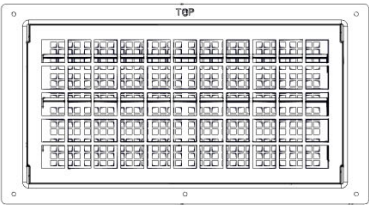
A6P00730   LOUVER
(x1)

- **SLIDE VENT INTO OPENING**
- **USE VENT FLANGE AS A GUIDE AND AN 1/8" [3mm]**
  DRILL BIT TO CREATE PILOT HOLES INTO WALL PANEL
- **DO NOT DRILL ALL THE WAY THROUGH THE WALL PANEL**
- **ATTACH AS SHOWN**

730 (x1)
LOUVER

797 (x6)
SCREW - 1"
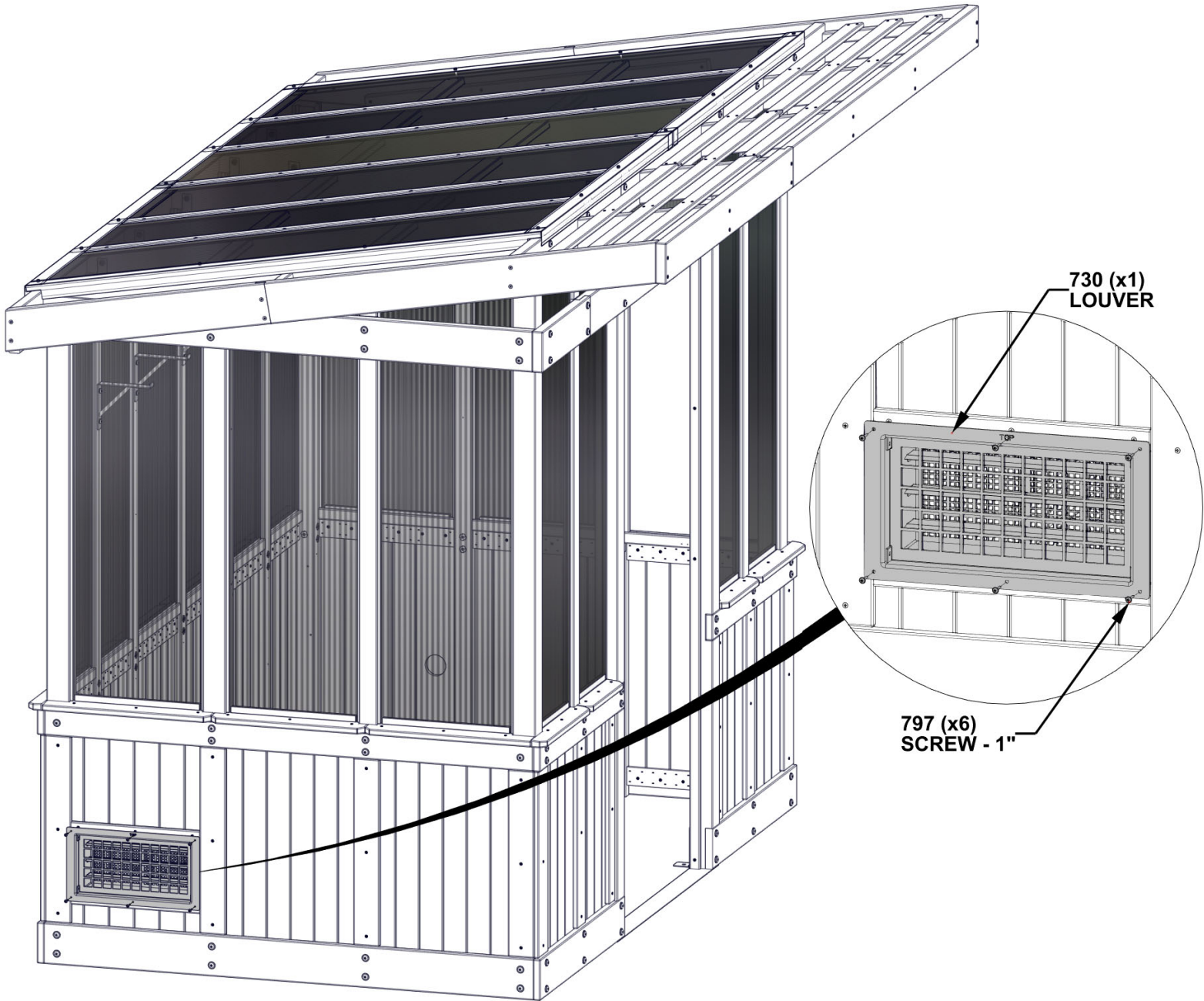
STEP 100 - WINDOW ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100380	SCREW PFH 8x1 1/8 BLK
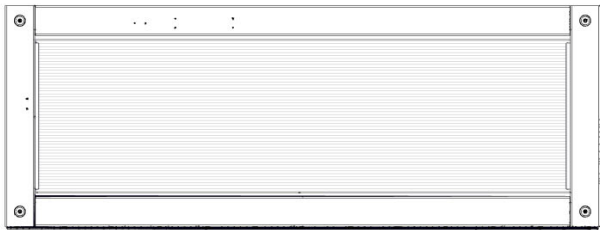
WA01   WINDOW ASSEMBLY - W2A04438
(x1)   1 7/8"x17 1/2"x47 3/16" (48x444x1198)
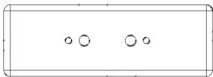
O03   LATCH BLOCK - W4L20610
(x1)   5/8"x1 5/16"x4" (16x34x100)

- ALIGN PILOT HOLES.

WA01 (x1)
WINDOW ASSEMBLY

O03 (x1)
LATCH BLOCK

380 (x2)
SCREW - 1 1/8"

116
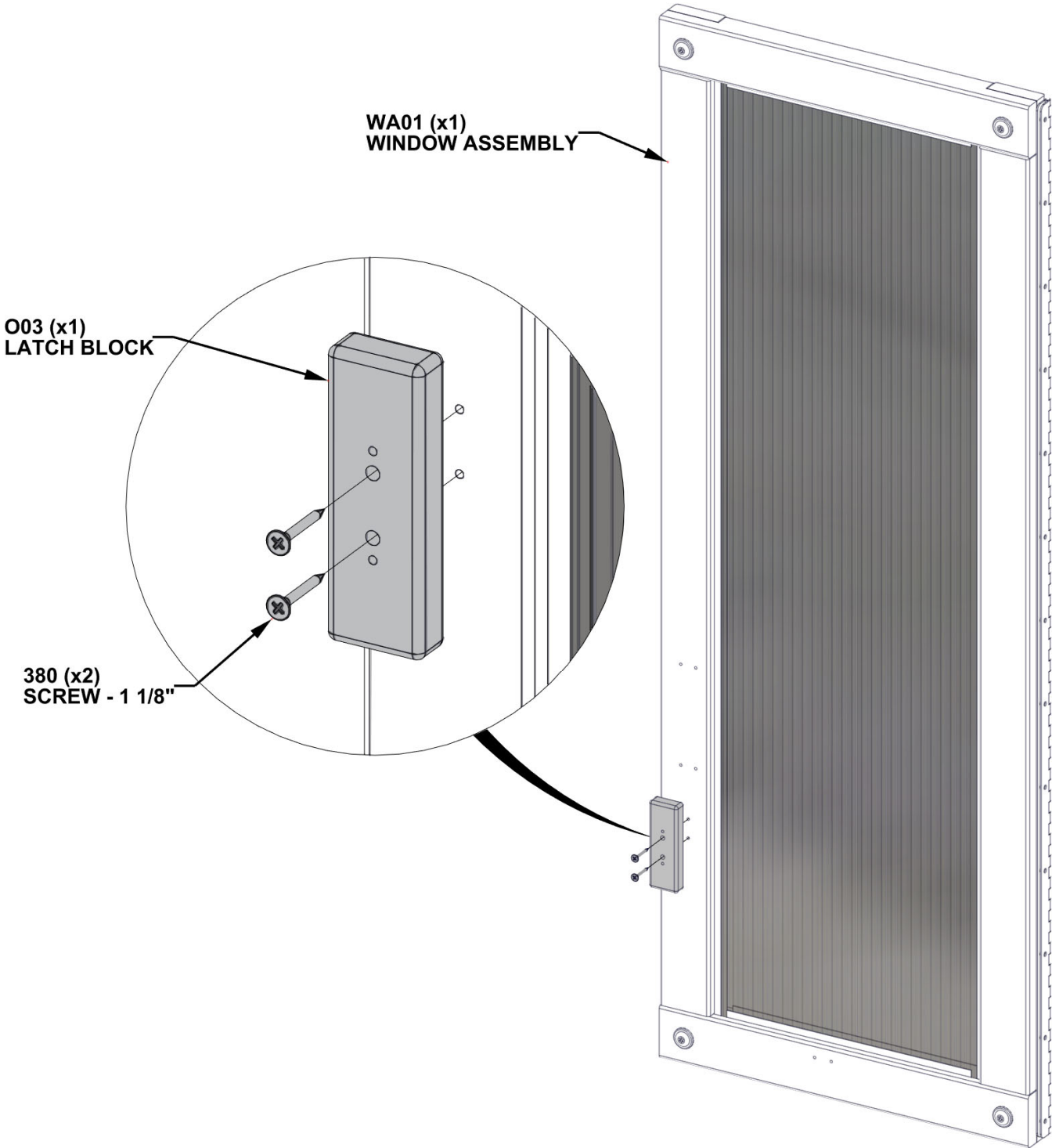
STEP 101 - WINDOW ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100380	SCREW PFH 8x1 1/8 BLK
2	H100627	SCREW PFH 6x3/4 BLK

A4M00559   PULL HANDLE
(x1)

A4M02607   WINDOW LATCH LOCK
(x1)

- ALIGN PILOT HOLES

380 (x4)
SCREW - 1 1/8"

0559 (x2)
PULL HANDLE

627 (x2)
SCREW - 3/4"

2607 (x1)
WINDOW LATCH LOCK

KEEP OTHER PART OF
WINDOW LATCH LOCK AT
HAND FOR LATER STEP.
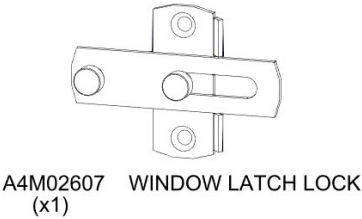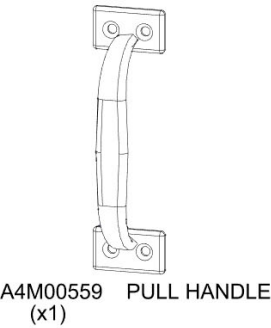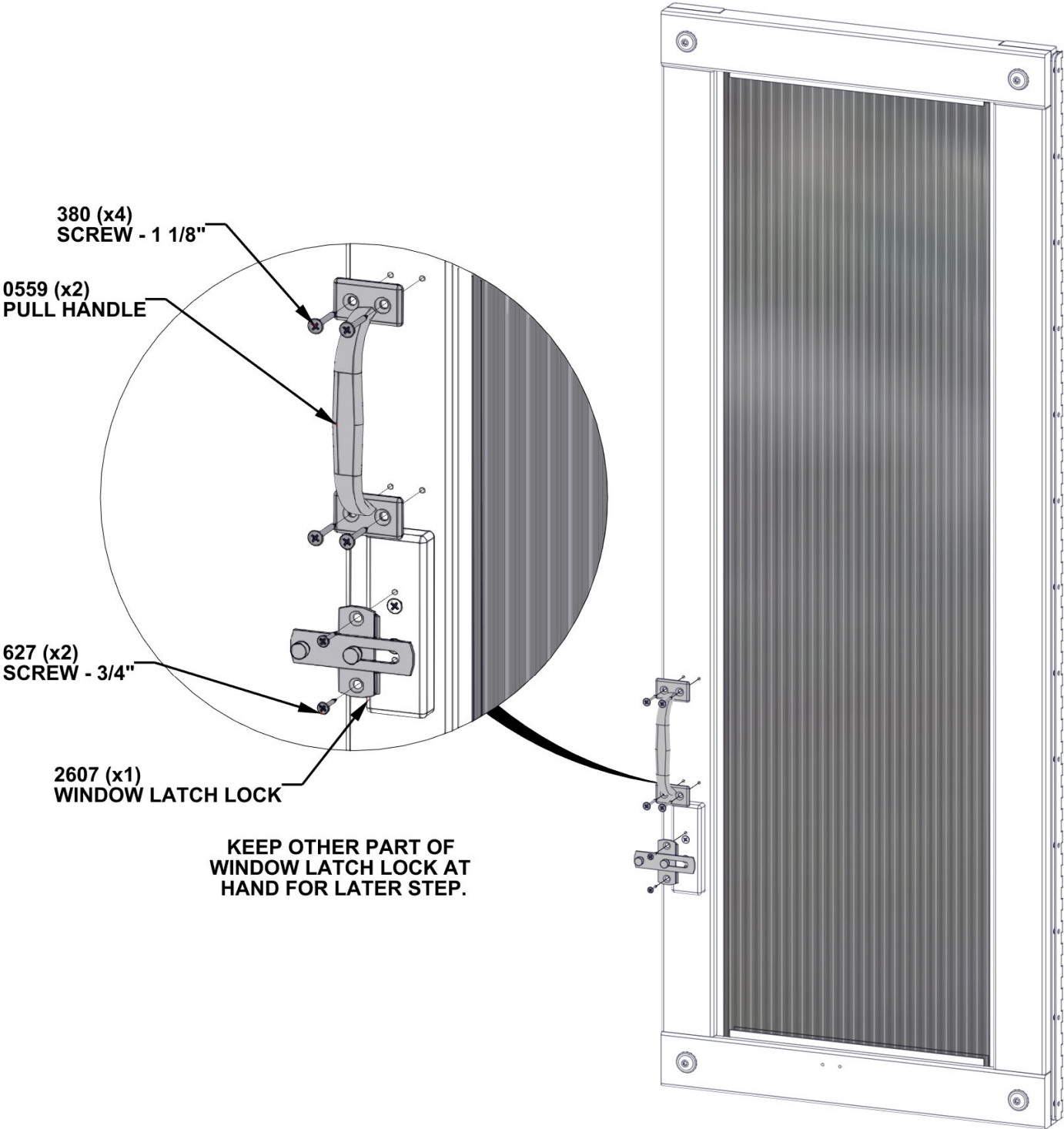
STEP 102 - WINDOW ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
13	H101191	SCREW PFH 6x1 BLK

ATTACH WINDOW ASSEMBLY USING PILOT HOLES IN POST AS SHOWN.

1191 (x13) SCREW - 1"

WINDOW ASSEMBLY

ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.
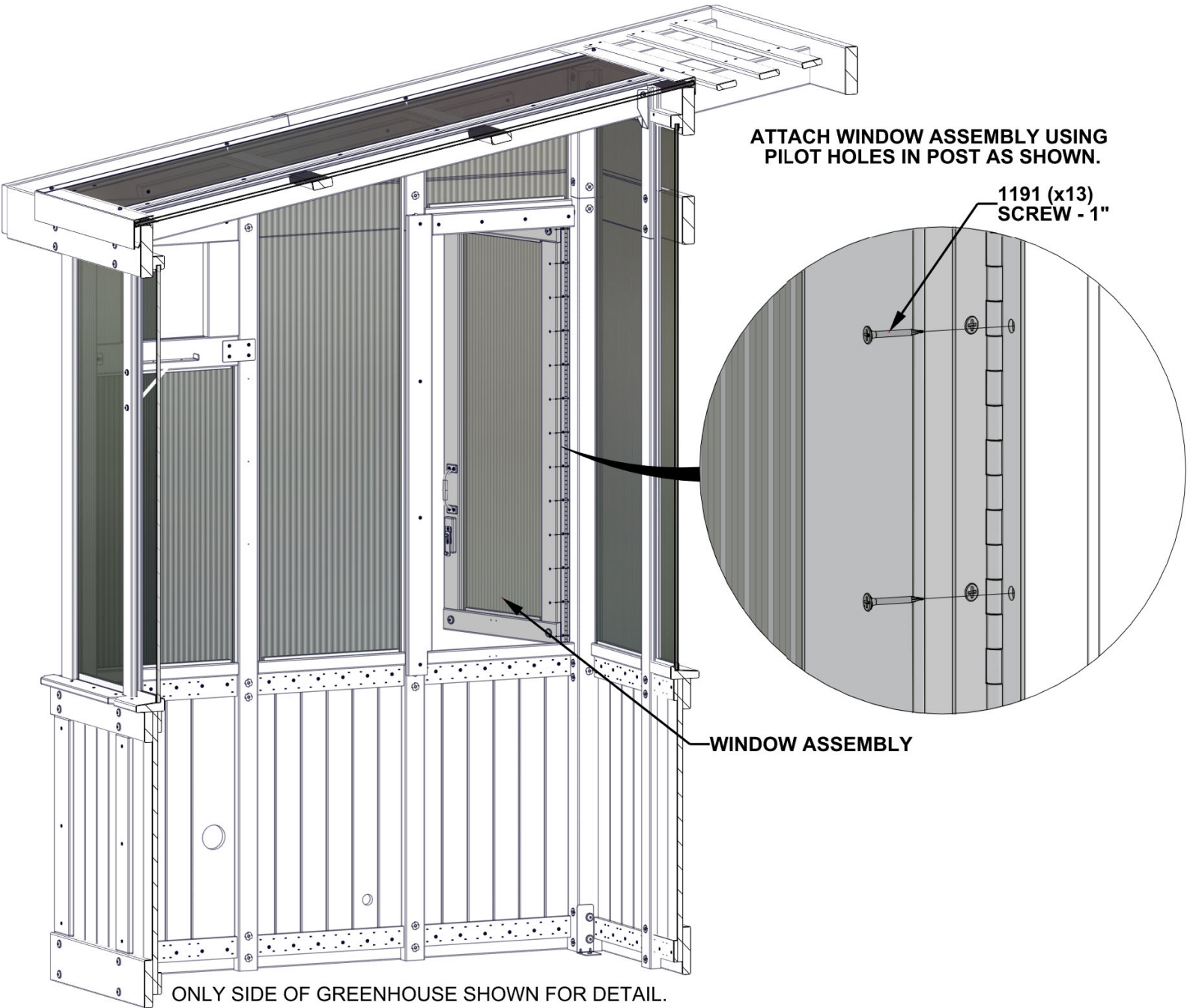
STEP 103 - WINDOW ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100627	SCREW PFH 6x3/4 BLK
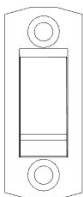
A4M02607
(x1)

WINDOW LATCH LOCK

REMAINING PART FROM STEP 101
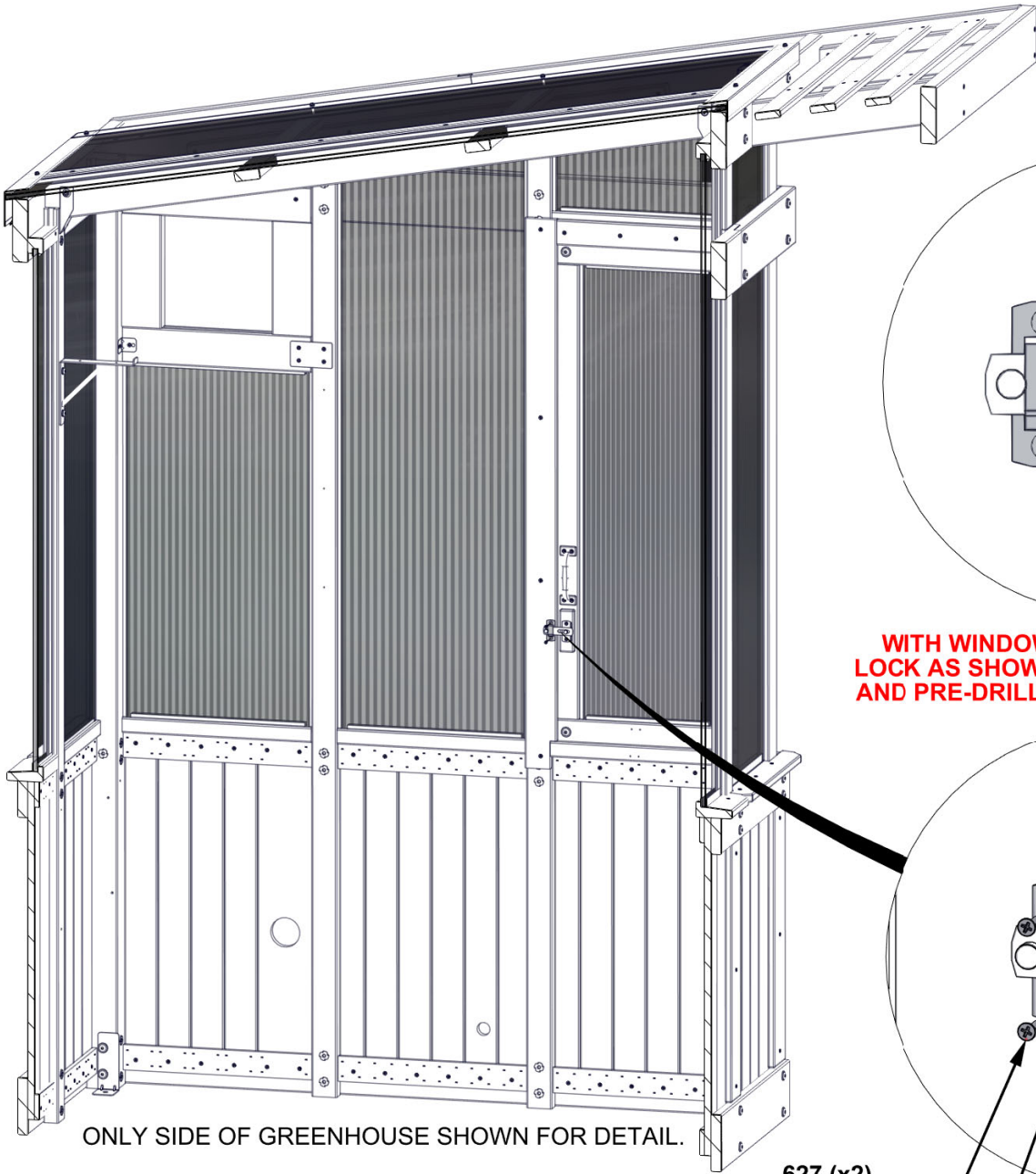
WITH WINDOW CLOSED, ALIGN LATCH LOCK AS SHOWN. MARK HOLE LOCATIONS AND PRE-DRILL WITH 1/8" [3mm] DRILL BIT.
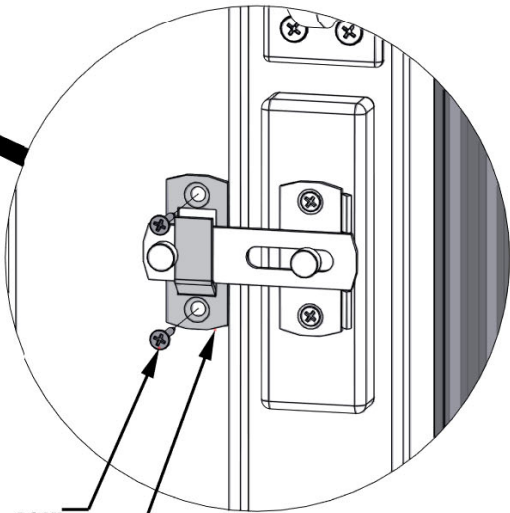
ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.

**627 (x2)
SCREW - 3/4"**

**2607 (x1)
WINDOW LATCH LOCK**

STEP 104 - WINDOW ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100797	SCREW PWH 8x1 BLK
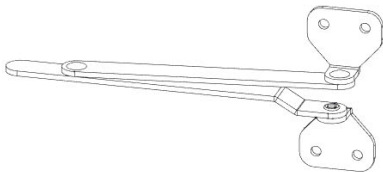
A4M02533   SUPPORT HINGE
(x1)
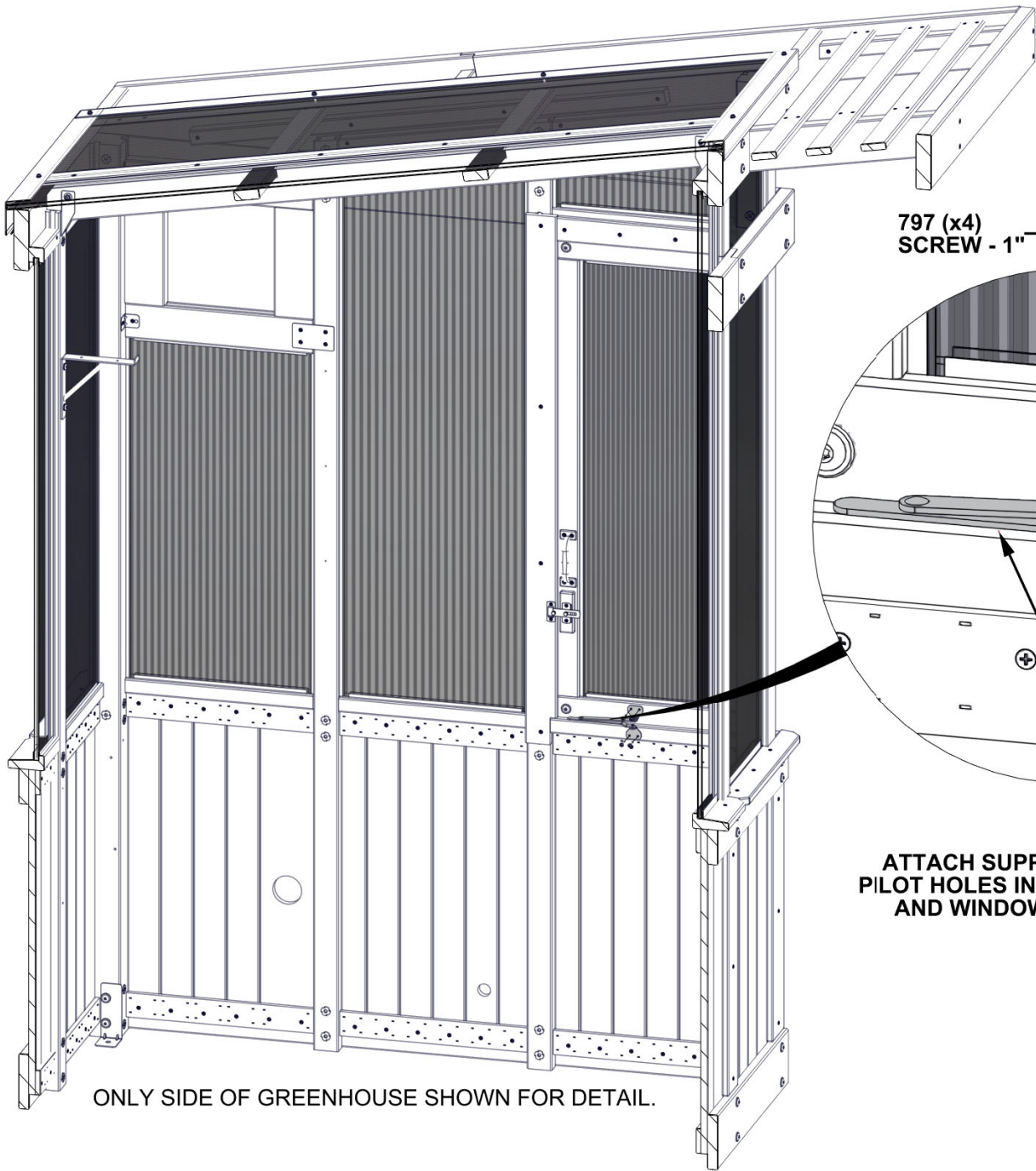
**797 (x4)
SCREW - 1"**
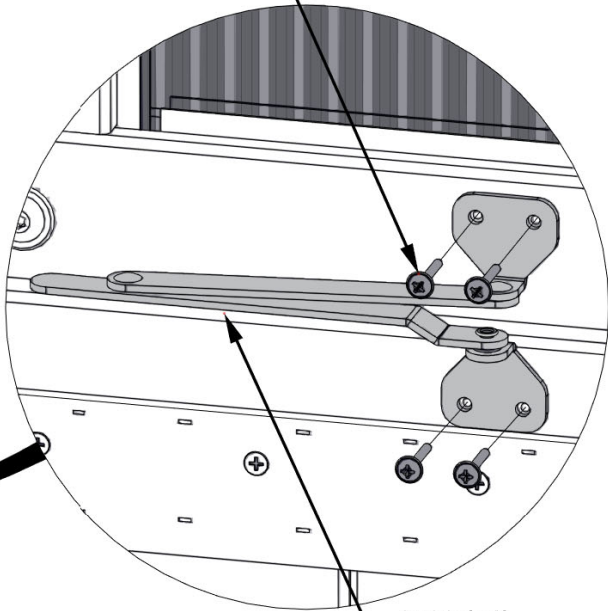
**2533 (x1)
SUPPORT HINGE**

ATTACH SUPPORT HINGE USING
PILOT HOLES IN WINDOW ASSEMBLY
AND WINDOW SILL AS SHOWN.

ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.

STEP 105 - SHELF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
10	H100392	SCREW PWH 8x3/4 BLK
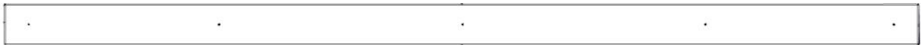
H04   SHELF BOARD - W4L20635
(x2)   15/16"x3 3/8"x75 3/8" (24x86x1914)

ALIGN PILOT HOLES IN H04 BOARDS WITH HOLES IN SHELF BRACKETS AND ATTACH.

USE PHILLIPS EXTENSION BIT FOR INSTALLING SCREWS.

H04 (x2) SHELF BOARD

392 (x10) SCREW - 3/4"
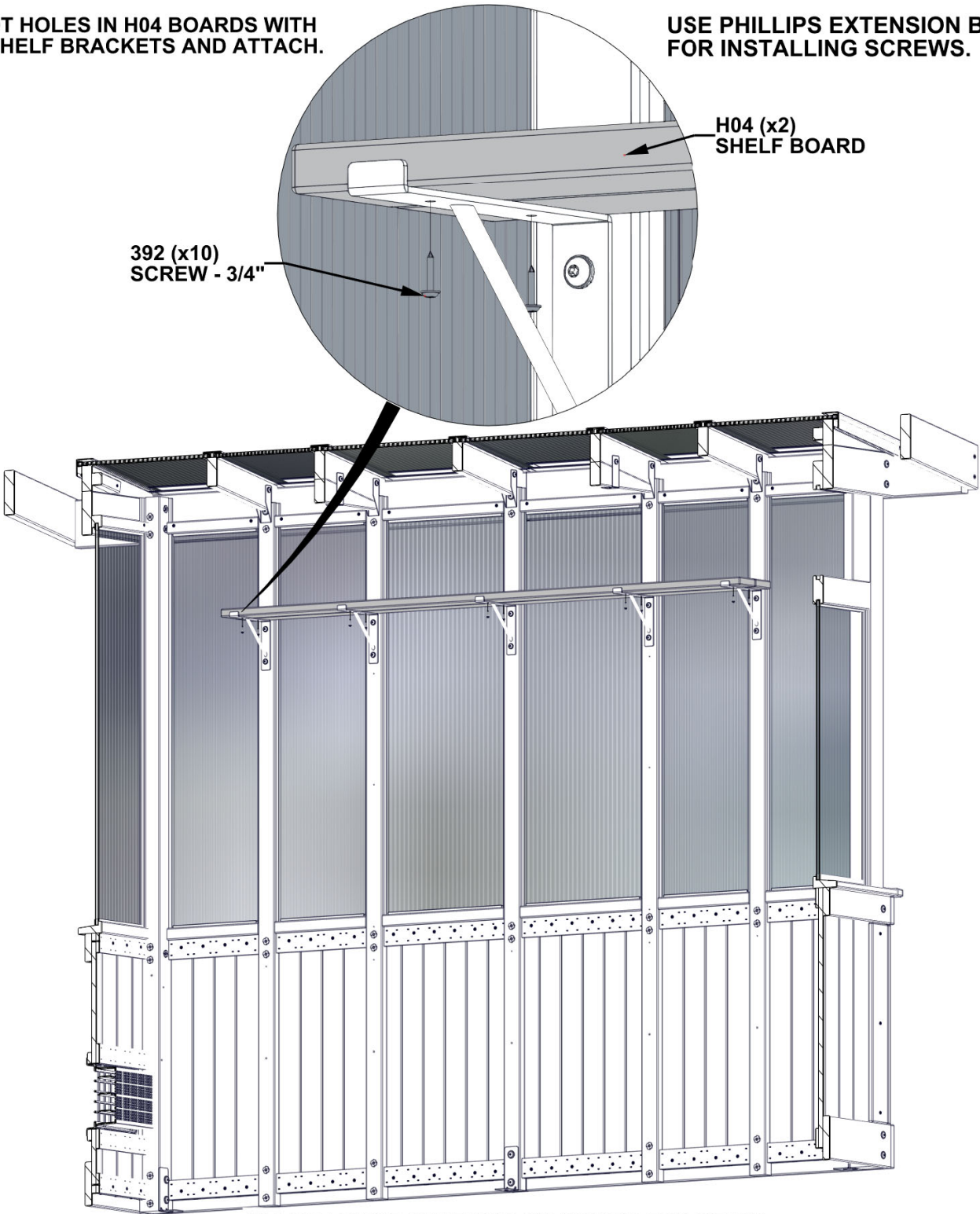
ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.

STEP 106 - SLAT ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H100200	SCREW PFH 8x1 1/2 BLK

N04   SLAT UPRIGHT - W4L20637
(x2)   5/8"x2 3/8"x33 1/16" (16x60x840)

**N04 (x2)
SLAT UPRIGHT**

**200 (x6)
SCREW - 1 1/2"**

**- NOTE NO PILOT HOLES IN BOTTOM END OF N04.
- ALIGN THE 3 LARGER PILOT HOLES IN N04 WITH
  PILOT HOLES IN UPRIGHTS.
- ATTACH AS SHOWN.**

ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.
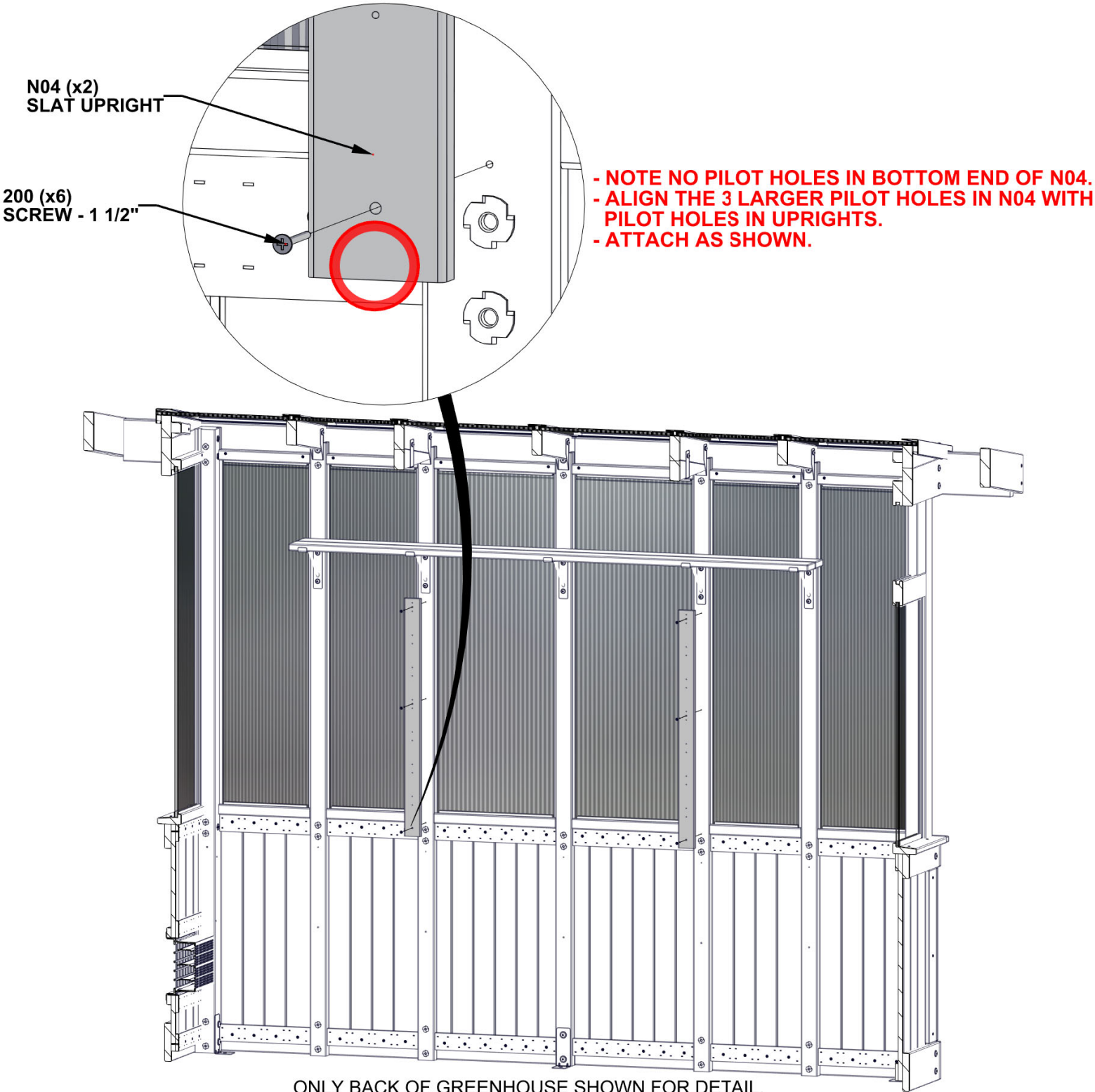
STEP 107 - SLAT ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
28	H100380	SCREW PFH 8x1 1/8 BLK

N05   SLAT - W4L20638
(x7)   5/8"x2 3/8"x42 3/8" (16x60x1076)

380 (x28)
SCREW - 1 1/8"

N05 (x7)
SLAT

**ATTACH SLATS USING PILOT
HOLES IN SLAT UPRIGHTS.**
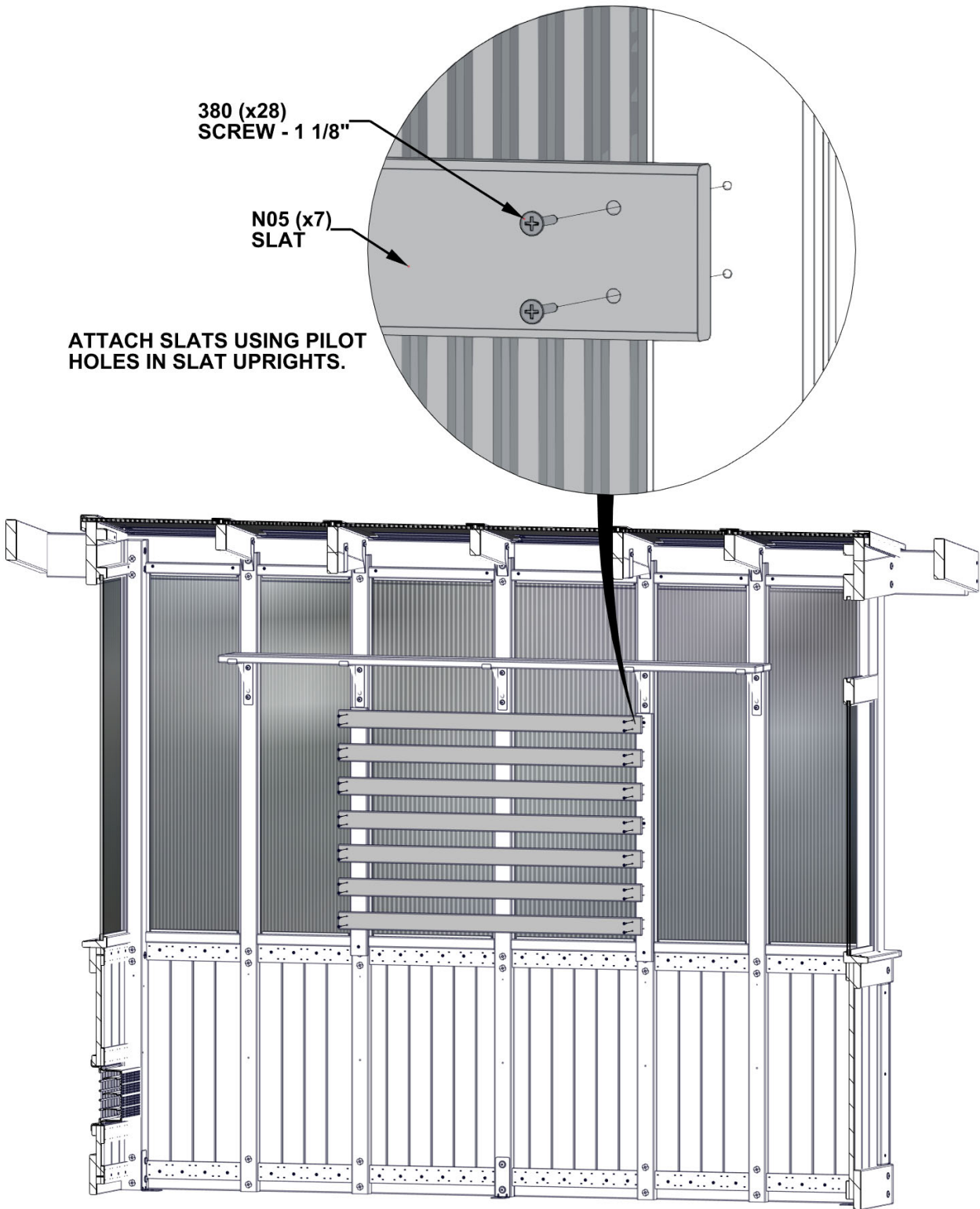
ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.

STEP 108 - FAN ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H101203	SCREW PWH 8x15x1 1/4 BLK

A4M02383   EXHAUST FAN
(x1)

1203 (x8)
SCREW - 1 1/4"

2383 (x1)
EXHAUST FAN

CENTER EXHAUST FAN IN THE
OPENING AND ATTACH AS SHOWN.

ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.
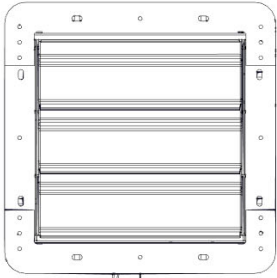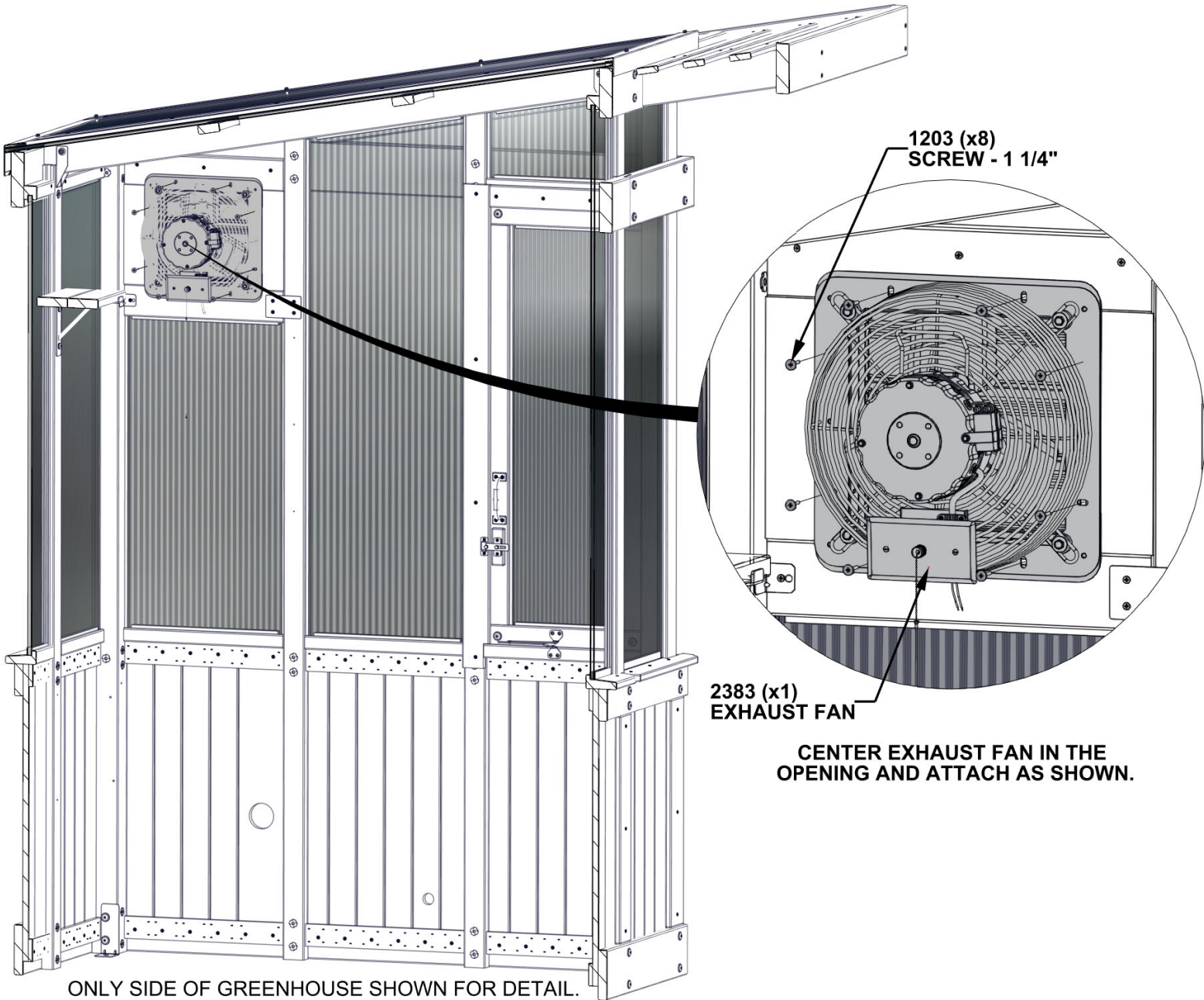
STEP 109 - TABLE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
5	H100201	SCREW PFH 8x2 1/2 BLK
2	H100460	LAG SCREW WH 1/4x1 BLK
2	H100536	SCREW PWH 8x1 1/4 BLK

P07   TABLE CLEAT - W4L20630
(x2)   1 7/16"x1 7/16"x50 3/4" (36x36x1289)

A4M00555   L BRACKET BLK
(x2)

P07 (x1)
TABLE CLEAT

P07 (x1)
TABLE CLEAT

ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.

555 (x2)
L BRACKET BLK
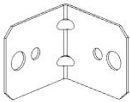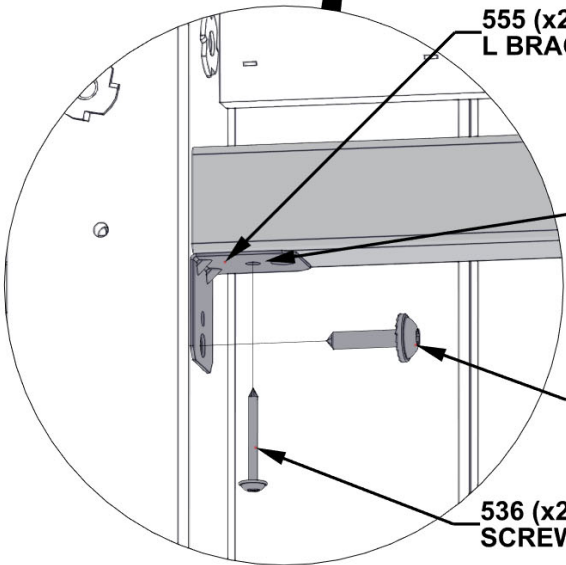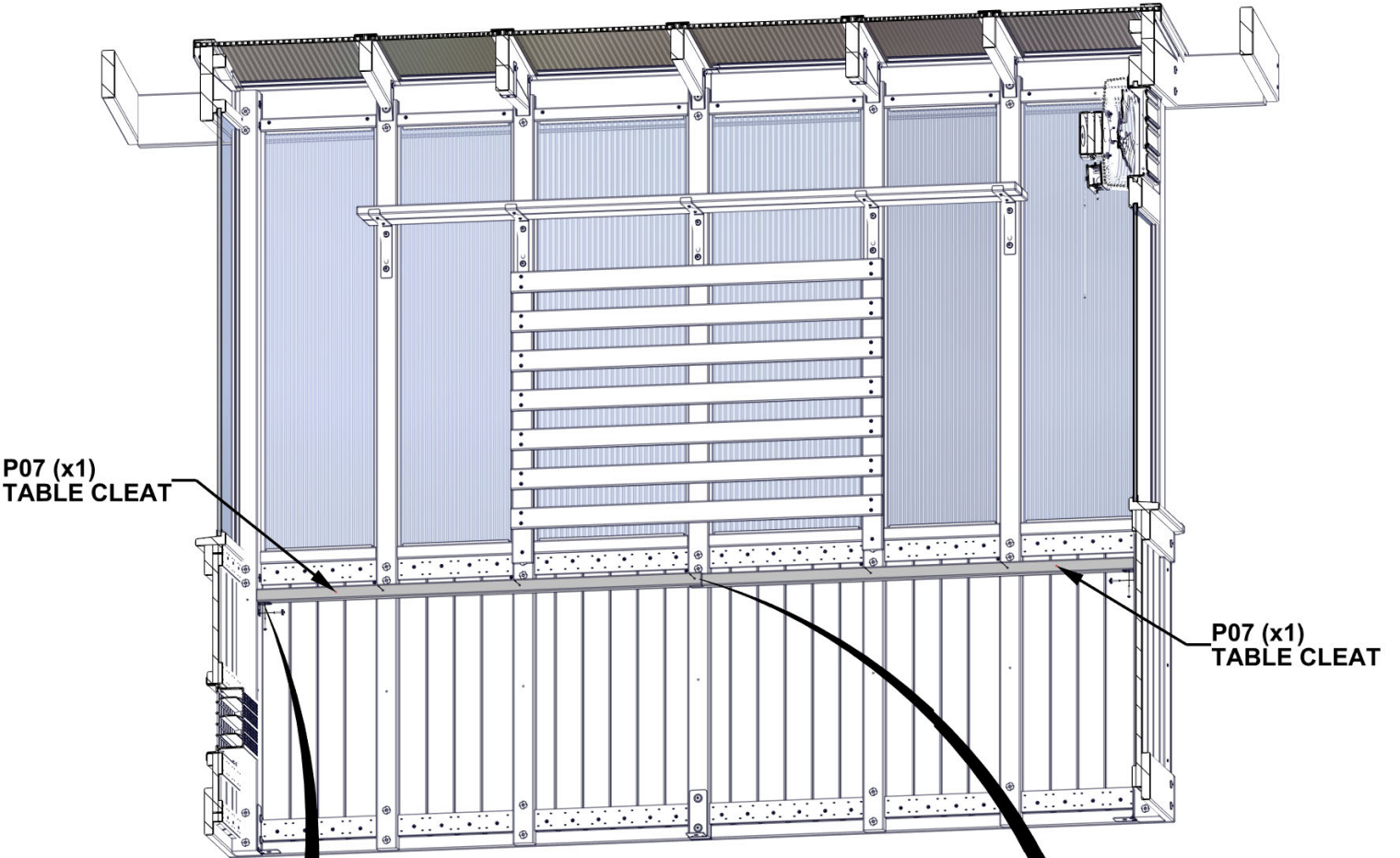
**PILOT HOLES TOWARDS
END OF P07 FACE DOWN
AND ALIGN WITH BRACKET.**

460 (x2)
LAG SCREW - 1"

536 (x2)
SCREW - 1 1/4"

201 (x5)
SCREW - 2 1/2"
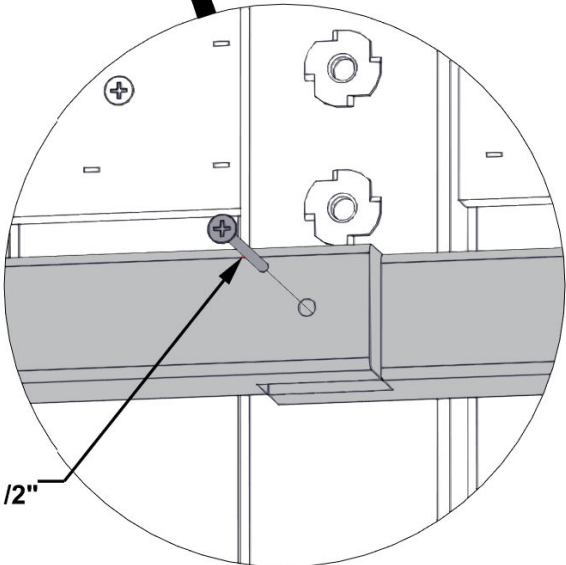
STEP 110 - TABLE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
3	H100362	SCREW PFH 8x3 BLK
1	H100460	LAG SCREW WH 1/4x1 BLK
1	H100536	SCREW PWH 8x1 1/4 BLK

A4M00555   L BRACKET BLK
(x1)

TB02   TABLE ASSEMBLY - W2A04444
(x1)   2 1/16"x16 1/16"x51 15/16" (52x408x1319)

DO NOT LEAN ON OR PUT ANY WEIGHT ON TABLE
UNTIL ANGLE BRACES ARE INSTALLED IN NEXT STEPS.

TB02 (x1)
TABLE ASSEMBLY

ONLY BACK OF GREENHOUSE
SHOWN FOR DETAIL.

362 (x3)
SCREW - 3"

555 (x1)
L BRACKET BLK

460 (x1)
LAG SCREW - 1"

536 (x1)
SCREW - 1 1/4"
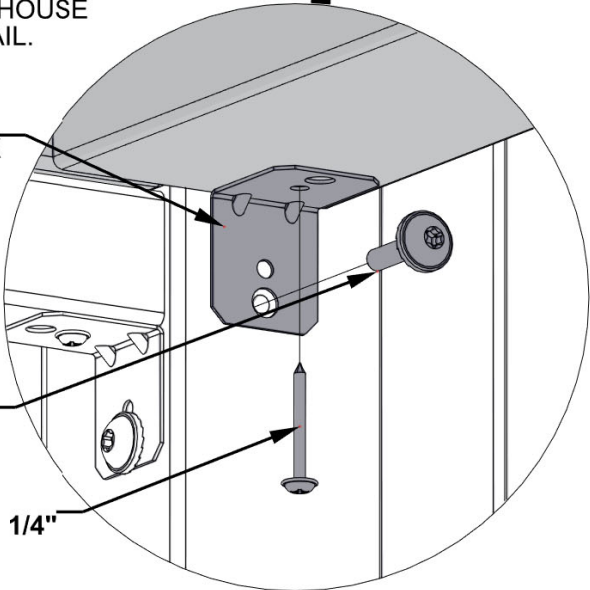
HAVE A SECOND PERSON HOLD TABLE IN PLACE
UNTIL ANGLE BRACES ARE INSTALLED IN NEXT STEP.

STEP 111 - TABLE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H100405	WASHER LOCK EXT 6x15
1	H100456	LAG SCREW WH 1/4x2 1/2 BLK
5	H100792	LAG SCREW WH 1/4x3 BLK

F11   ANGLE BRACE - W4L20612
(x2)   1 7/16"x2 3/8"x18 1/16" (36x60x458)

F14   ANGLE BRACE - W4L20631
(x1)   1 7/16"x2 3/8"x18 1/16" (36x60x458)
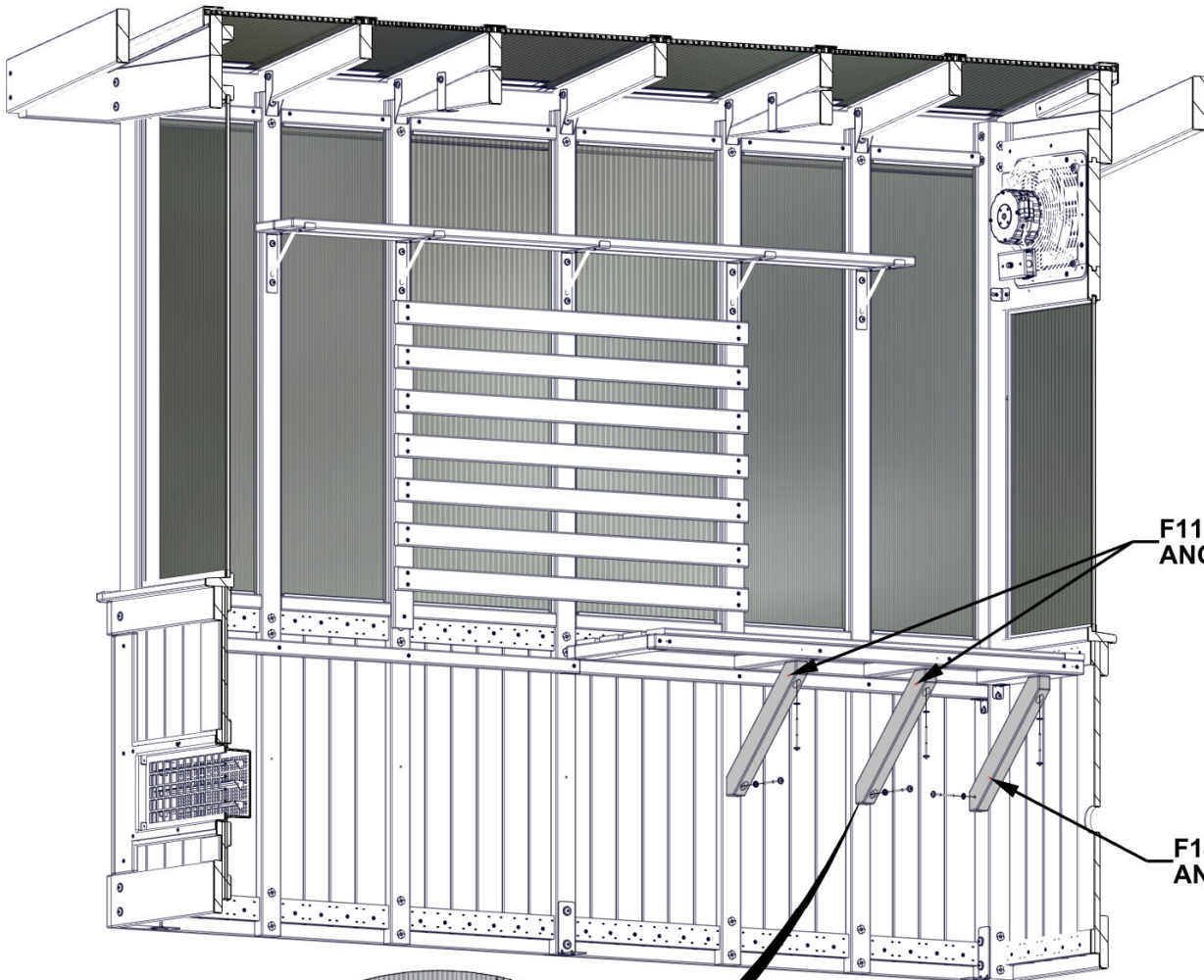
**F11 (x2)
ANGLE BRACE**

**F14 (x1)
ANGLE BRACE**

ONLY BACK OF GREENHOUSE
SHOWN FOR DETAIL.

**405 (x6)
WASHER - 6x15**

**792 (x5)
LAG SCREW - 3"**

**ATTACH ANGLE BRACES AS SHOWN
USING PILOT HOLES IN TABLE
CLEATS, UPRIGHTS, AND POSTS.**

**456 (x1)
LAG SCREW - 2 1/2"**

STEP 112 - TABLE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
3	H100362	SCREW PFH 8x3 BLK
1	H100460	LAG SCREW WH 1/4x1 BLK
1	H100536	SCREW PWH 8x1 1/4 BLK

TB01   TABLE ASSEMBLY - W2A04439
(x1)   2 1/16"x16 1/16"x51 15/16" (52x408x1319)
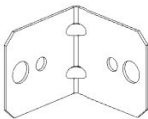
A4M00555   L BRACKET BLK
(x1)

DO NOT LEAN ON OR PUT ANY WEIGHT ON TABLE UNTIL ANGLE BRACES ARE INSTALLED IN NEXT STEPS.
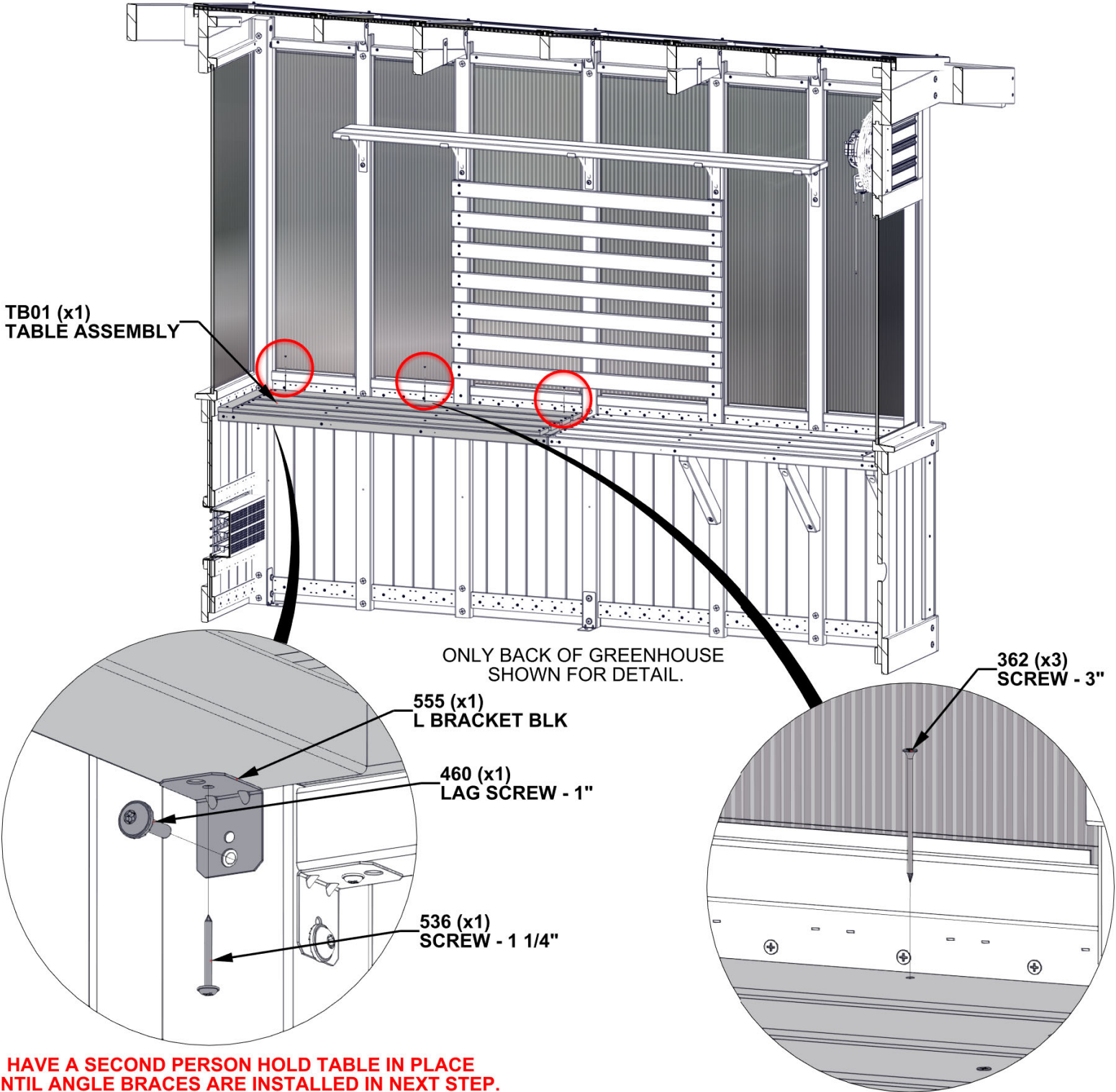
TB01 (x1)
TABLE ASSEMBLY

ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.

555 (x1)
L BRACKET BLK

460 (x1)
LAG SCREW - 1"

536 (x1)
SCREW - 1 1/4"

362 (x3)
SCREW - 3"

HAVE A SECOND PERSON HOLD TABLE IN PLACE UNTIL ANGLE BRACES ARE INSTALLED IN NEXT STEP.

128

STEP 113 - TABLE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H100405	WASHER LOCK EXT 6x15
1	H100456	LAG SCREW WH 1/4x2 1/2 BLK
5	H100792	LAG SCREW WH 1/4x3 BLK

F11   ANGLE BRACE - W4L20612
(x2)   1 7/16"x2 3/8"x18 1/16" (36x60x458)

F14   ANGLE BRACE - W4L20631
(x1)   1 7/16"x2 3/8"x18 1/16" (36x60x458)
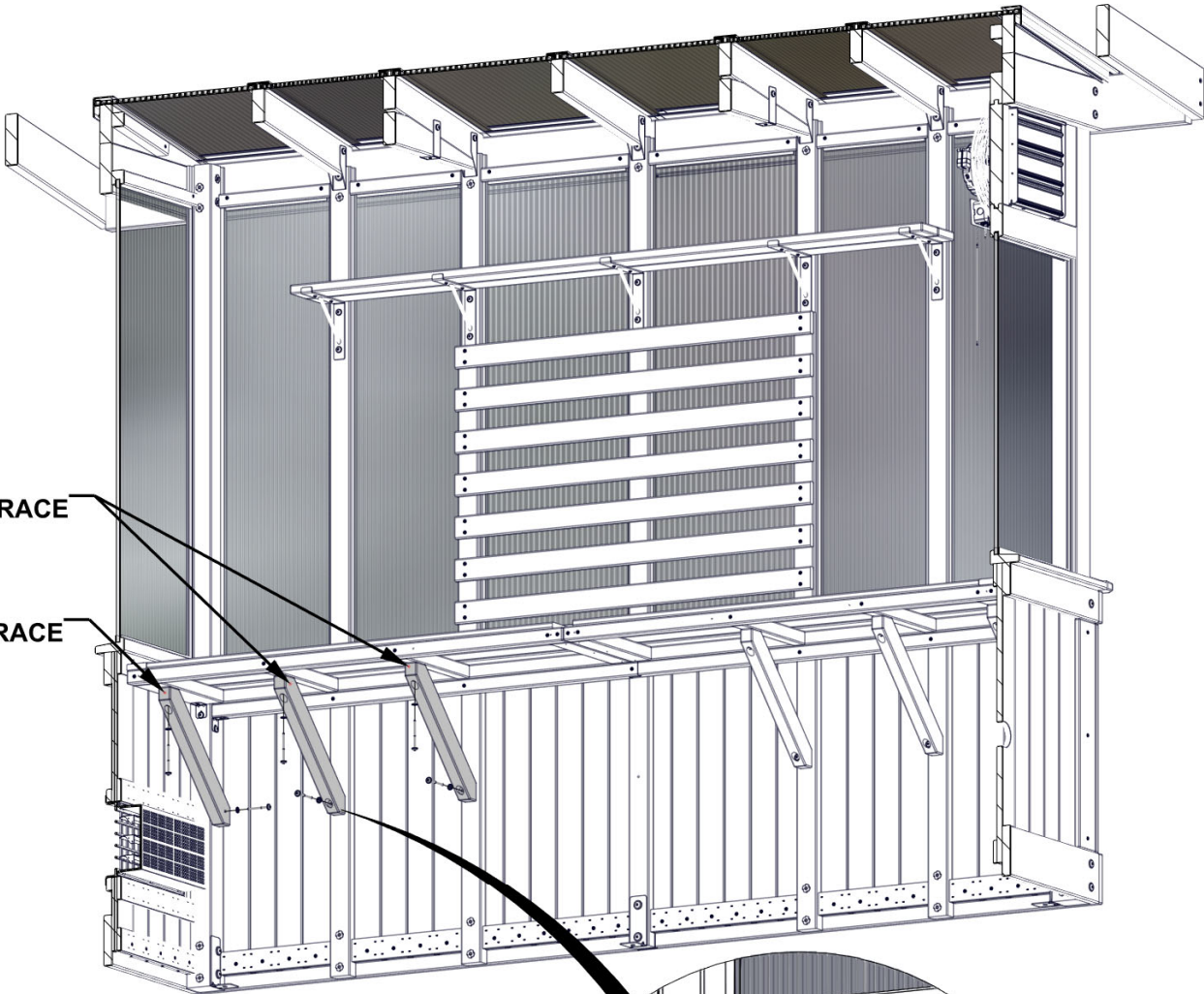
F11 (x2)
ANGLE BRACE

F14 (x1)
ANGLE BRACE

ONLY BACK OF GREENHOUSE
SHOWN FOR DETAIL.

ATTACH ANGLE BRACES AS SHOWN
USING PILOT HOLES IN TABLE
CLEATS, UPRIGHTS, AND POSTS.
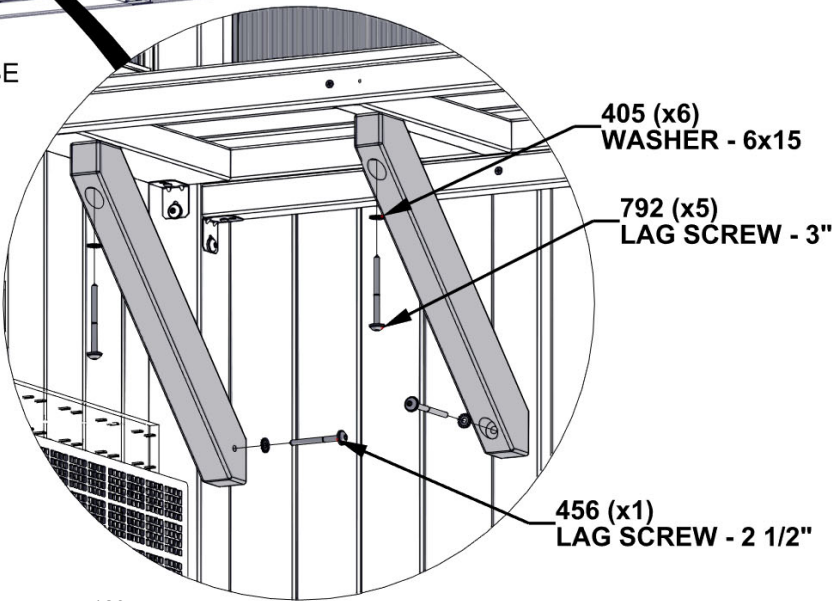
405 (x6)
WASHER - 6x15

792 (x5)
LAG SCREW - 3"

456 (x1)
LAG SCREW - 2 1/2"

STEP 114 - TABLE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
6	H100201	SCREW PFH 8x2 1/2 BLK
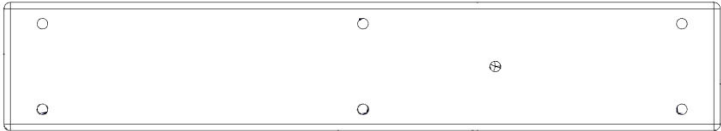
F07   TABLE CLEAT - W4L20599
(x1)   1 7/16"x2 3/8"x13 1/4" (36x60x336)
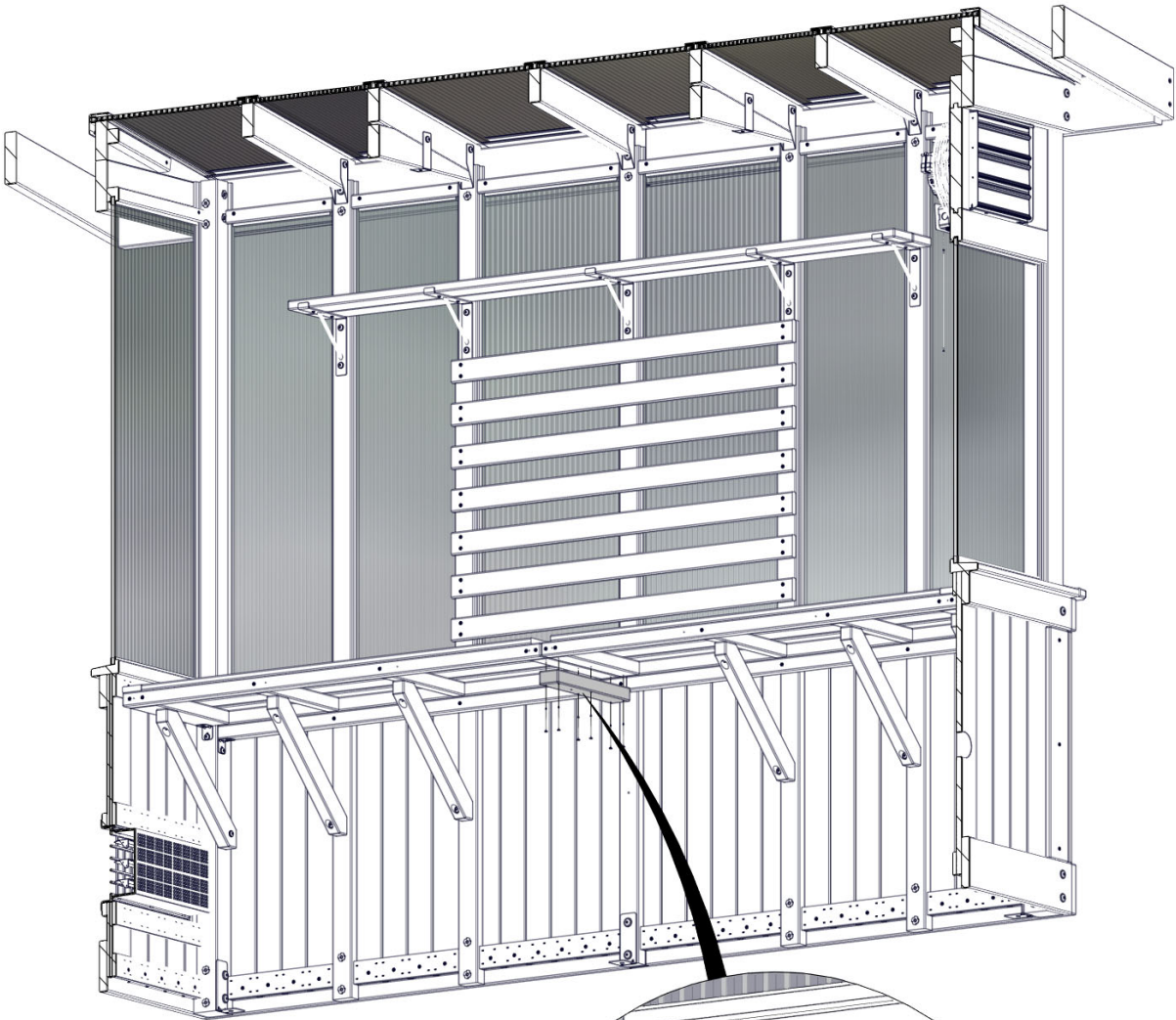
ONLY BACK OF GREENHOUSE
SHOWN FOR DETAIL.

**ENSURE PILOT HOLE
IS ORIENTED TO THE
FRONT AS SHOWN.**

- ALIGN PILOT HOLES.
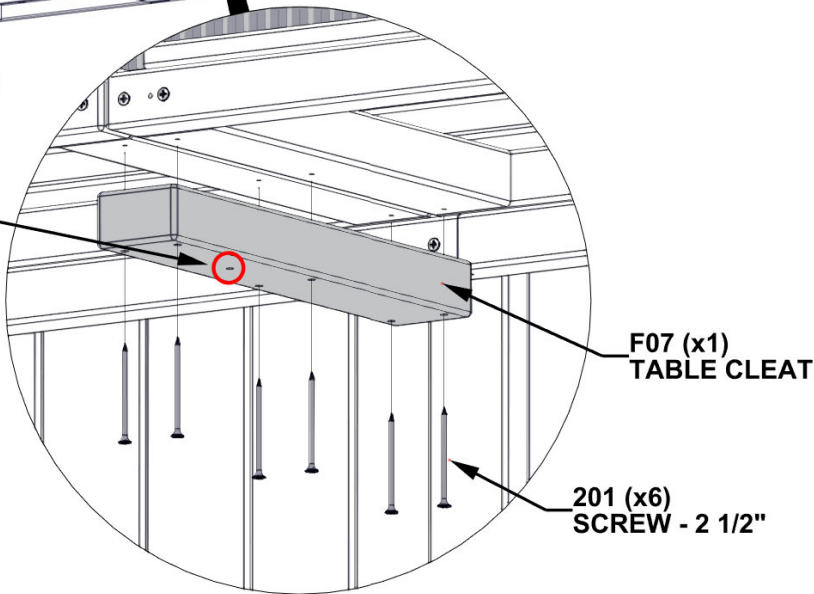
**F07 (x1)
TABLE CLEAT**

**201 (x6)
SCREW - 2 1/2"**

STEP 115 - TABLE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100405	WASHER LOCK EXT 6x15
2	H100792	LAG SCREW WH 1/4x3 BLK

F10   ANGLE BRACE - W4L20611
(x1)   1 7/16"x2 3/8"x17" (36x60x432)
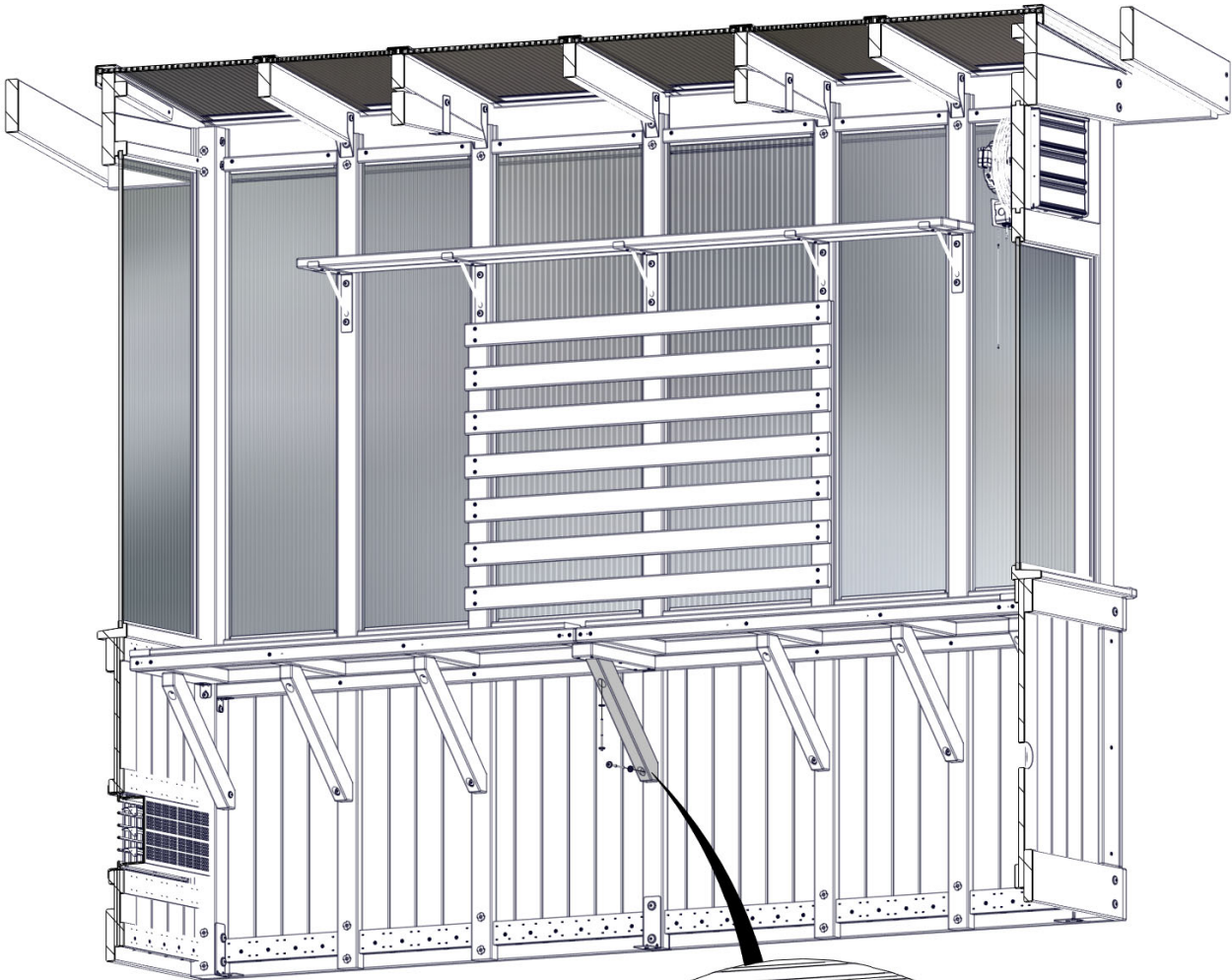
ONLY BACK OF GREENHOUSE
SHOWN FOR DETAIL.

ATTACH ANGLE BRACE AS
SHOWN USING PILOT HOLES.

F10 (x1)
ANGLE BRACE

405 (x2)
WASHER - 6x15

792 (x2)
LAG SCREW - 3"

131
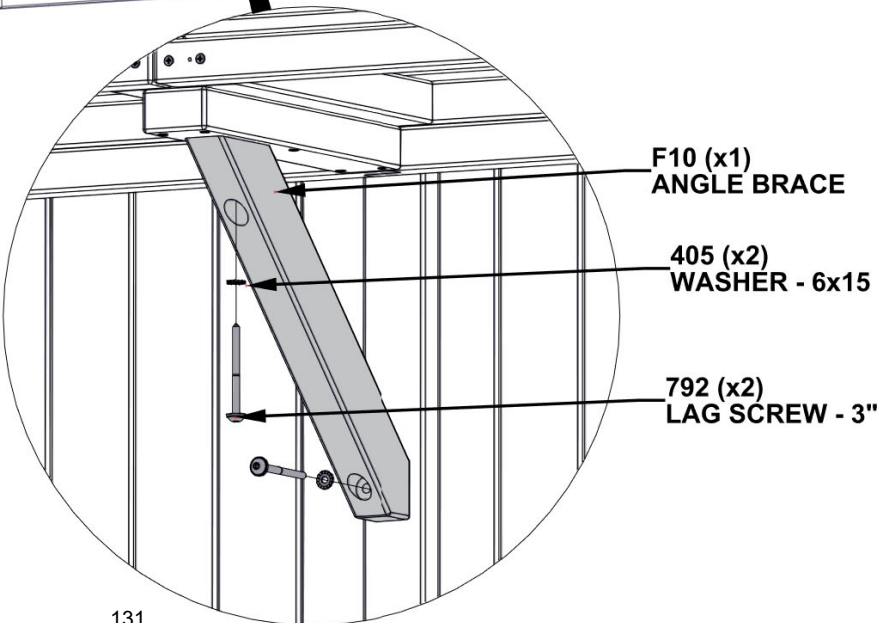
STEP 116 - TABLE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100387	SCREW PFH 8x1 1/4 BLK

N03   TABLE TOP BOARD - W4L20609
(x1)   5/8"x2 3/8"x16 1/16" (16x60x408)
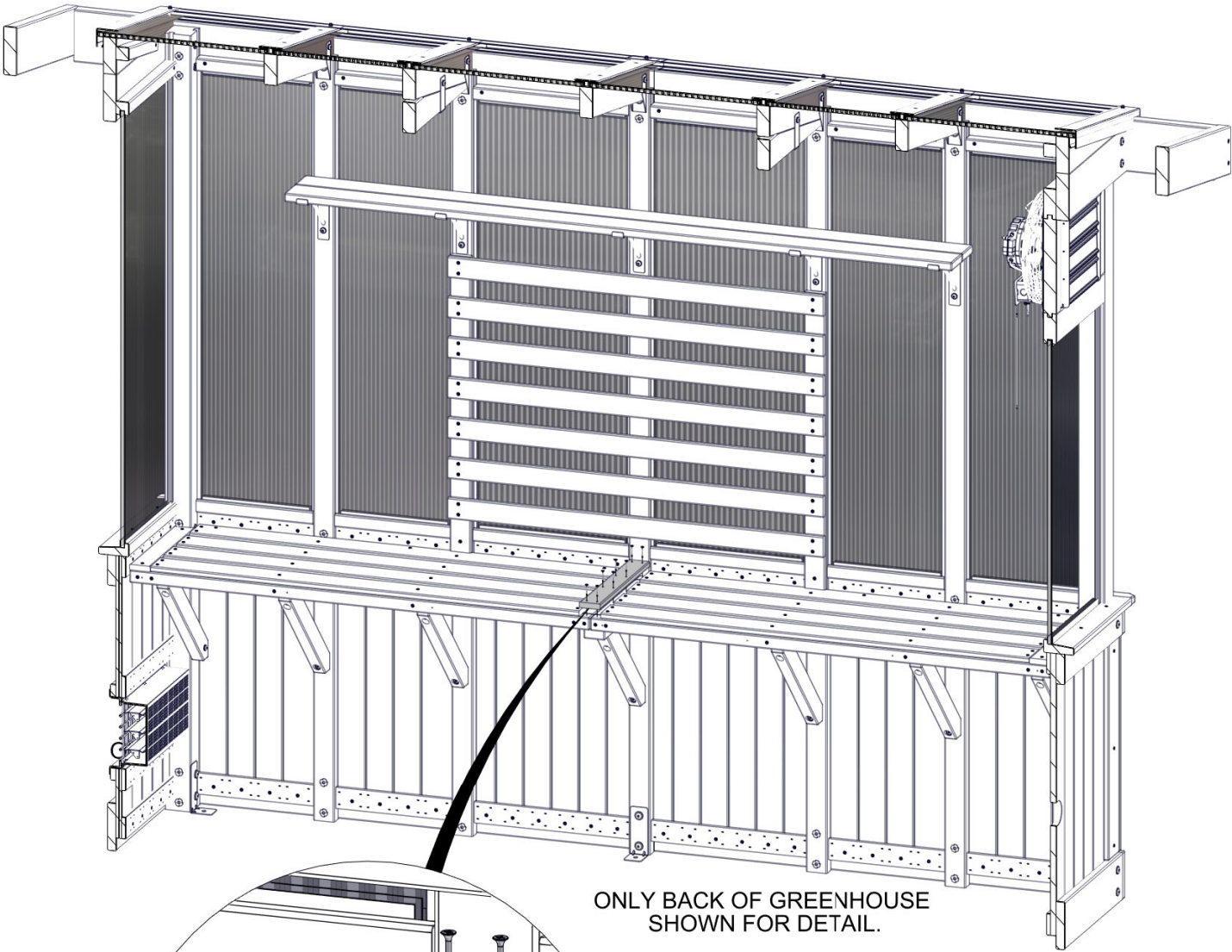
ONLY BACK OF GREENHOUSE
SHOWN FOR DETAIL.
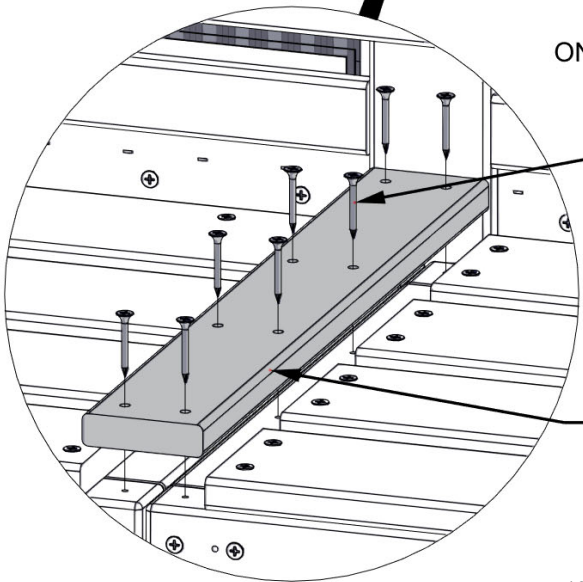
**387 (x8)
SCREW - 1 1/4"**

- ALIGN PILOT HOLES.

**N03 (x1)
TABLE TOP BOARD**

STEP 117 - TABLE ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
8	H100200	SCREW PFH 8x1 1/2 BLK

M03   TABLE TRIM - W4L20623
(x2)   5/8"x3 3/8"x51 15/16" (16x86x1320)

ONLY BACK OF GREENHOUSE
SHOWN FOR DETAIL.

**TOP OF M03 IS FLUSH
WITH TABLE TOP.**

**M03 (x2)
TABLE TRIM**

**200 (x8)
SCREW - 1 1/2"**
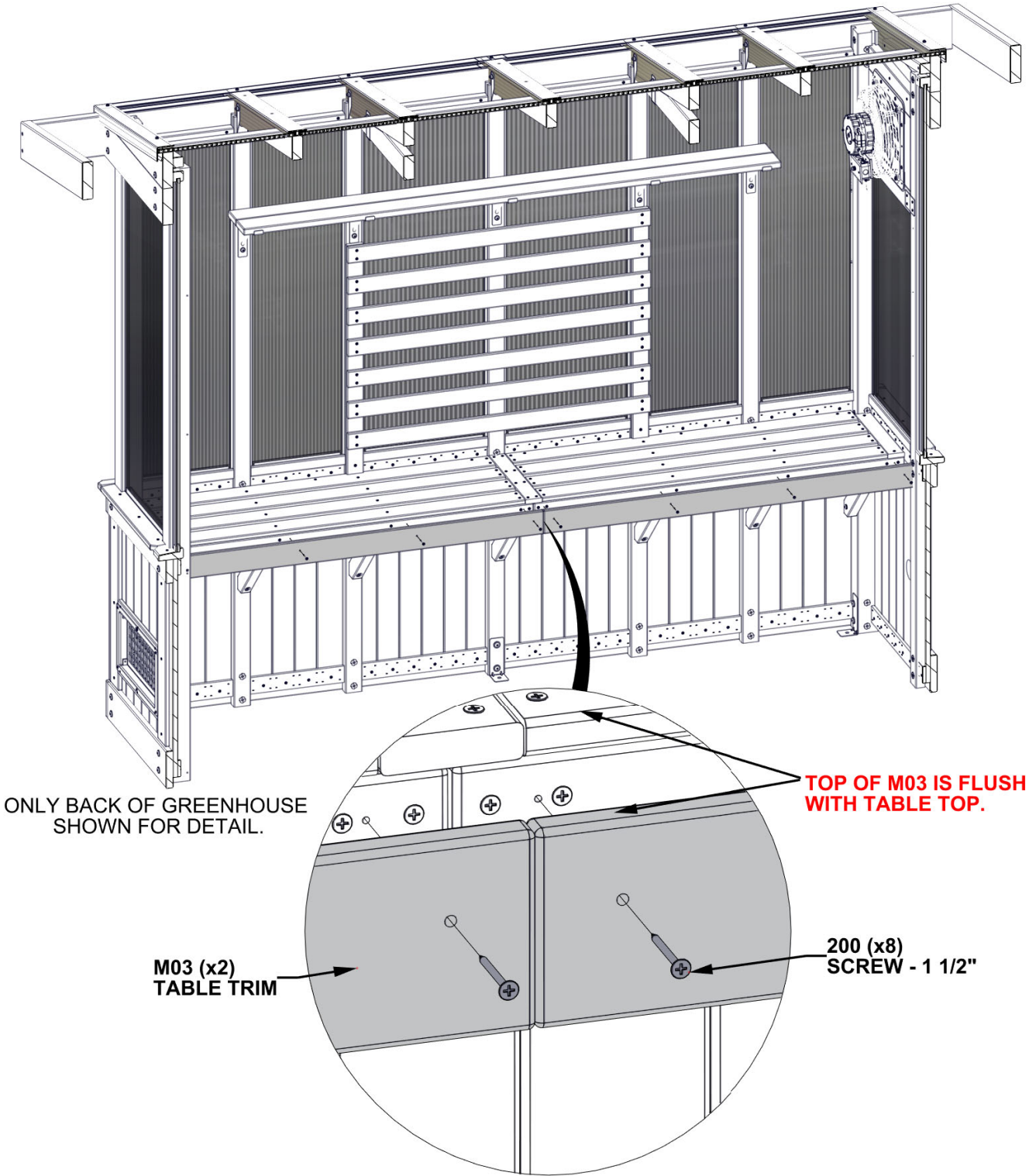
STEP 118 - SHELF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100405	WASHER LOCK EXT 6x15
2	H100487	LAG SCREW WH 1/4x2 BLK
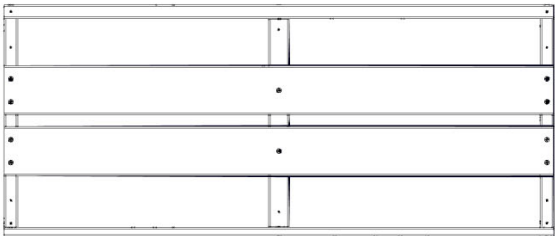
SH02   SHELF ASSEMBLY - W2A04446
(x1)   3"x15 7/8"x37 13/16" (76x404x960)

ATTACH SHELF ASSEMBLY
USING PILOT HOLES IN POSTS.

487 (x2)
LAG SCREW - 2"

405 (x2)
WASHER - 6x15

**THICKER BOARD
ORIENTED TO THE FRONT.**
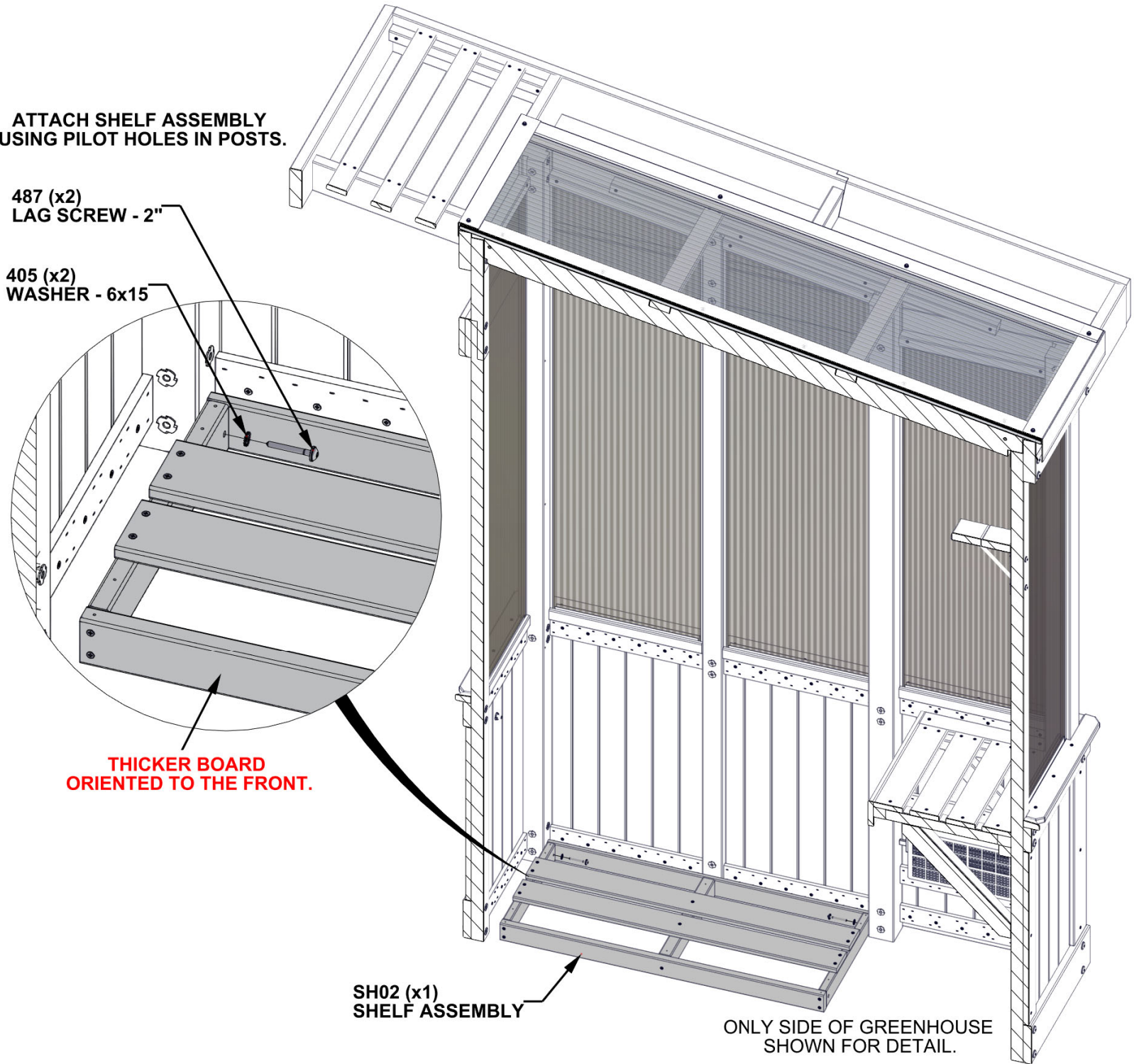
SH02 (x1)
SHELF ASSEMBLY

ONLY SIDE OF GREENHOUSE
SHOWN FOR DETAIL.

STEP 119 - SHELF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100198	WASHER LOCK EXT 8x19
2	H100378	BOLT WH 5/16x1 3/4 BLK
5	H100379	T-NUT 5/16 BLK

SH01   SHELF ASSEMBLY - W2A04437
(x1)   3"x15 7/8"x37 13/16" (76x404x960)
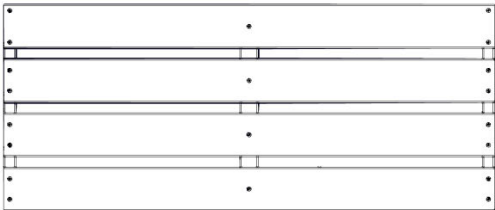
J01   SHELF UPRIGHT - W4L20621
(x2)   15/16"x2 3/8"x71 15/16" (24x60x1827)

- INSERT T-NUTS FIRST.
- SQUARE J01 TO SH01 AND FULLY TIGHTEN HARDWARE.

THICKER FACE BOARD IS ORIENTED TO THE FRONT AS SHOWN.

FLUSH WITH SHELF ASSEMBLY ON THE FRONT AND TOP.

378 (x2)
BOLT - 1 3/4"

379 (x5)
T-NUT - 5/16"

198 (x2)
WASHER - 8x19

J01 (x2)
SHELF UPRIGHT

SH01 (x1)
SHELF ASSEMBLY

STEP 120 - SHELF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H100198	WASHER LOCK EXT 8x19
2	H100378	BOLT WH 5/16x1 3/4 BLK
1	H100379	T-NUT 5/16 BLK
2	H100405	WASHER LOCK EXT 6x15
2	H100487	LAG SCREW WH 1/4x2 BLK
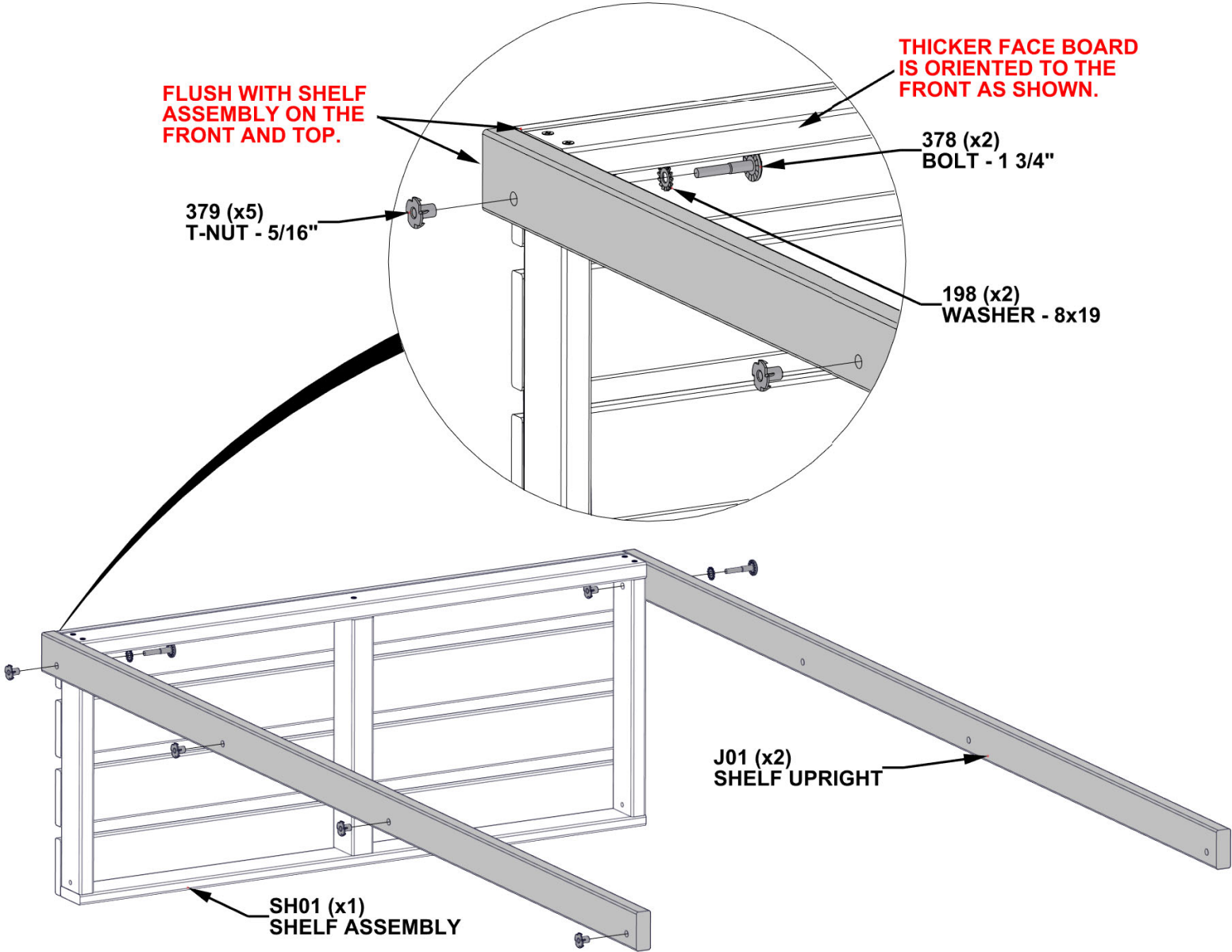
- FULLY TIGHTEN ALL HARDWARE.

- ATTACH SHELF ASSEMBLY FROM STEP 119 USING PILOT HOLES IN POSTS.

379 (x1)
T-NUT - 5/16"

487 (x2)
LAG SCREW - 2"

405 (x2)
WASHER - 6x15

INSTALL LAGS BEFORE OTHER HARDWARE.

378 (x2)
BOLT - 1 3/4"

198 (x2)
WASHER - 8x19

ONLY SIDE OF GREENHOUSE
SHOWN FOR DETAIL.

136
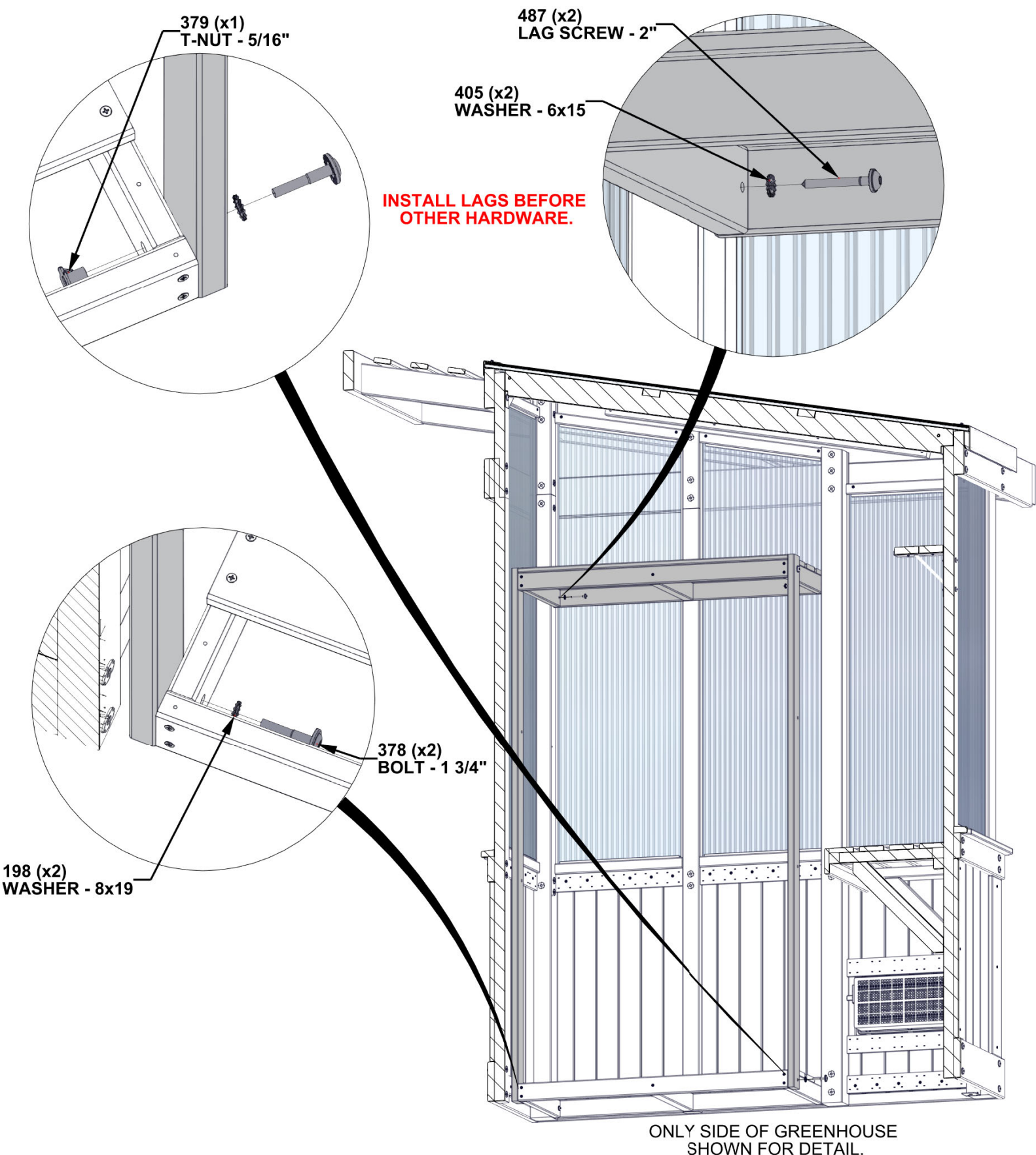
STEP 121 - SHELF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
10	H100380	SCREW PFH 8x1 1/8 BLK

M05   SHELF BOARD - W4L20752
(x1)   5/8"x3 3/8"x37 13/16" (16x86x960)

M06   SHELF BOARD - W4L20753
(x1)   5/8"x3 3/8"x37 13/16" (16x86x960)

- ALIGN PILOT HOLES.

380 (x10)
SCREW - 1 1/8"

M06 (x1)
SHELF BOARD

M05 (x1)
SHELF BOARD

ONLY SIDE OF GREENHOUSE
SHOWN FOR DETAIL.
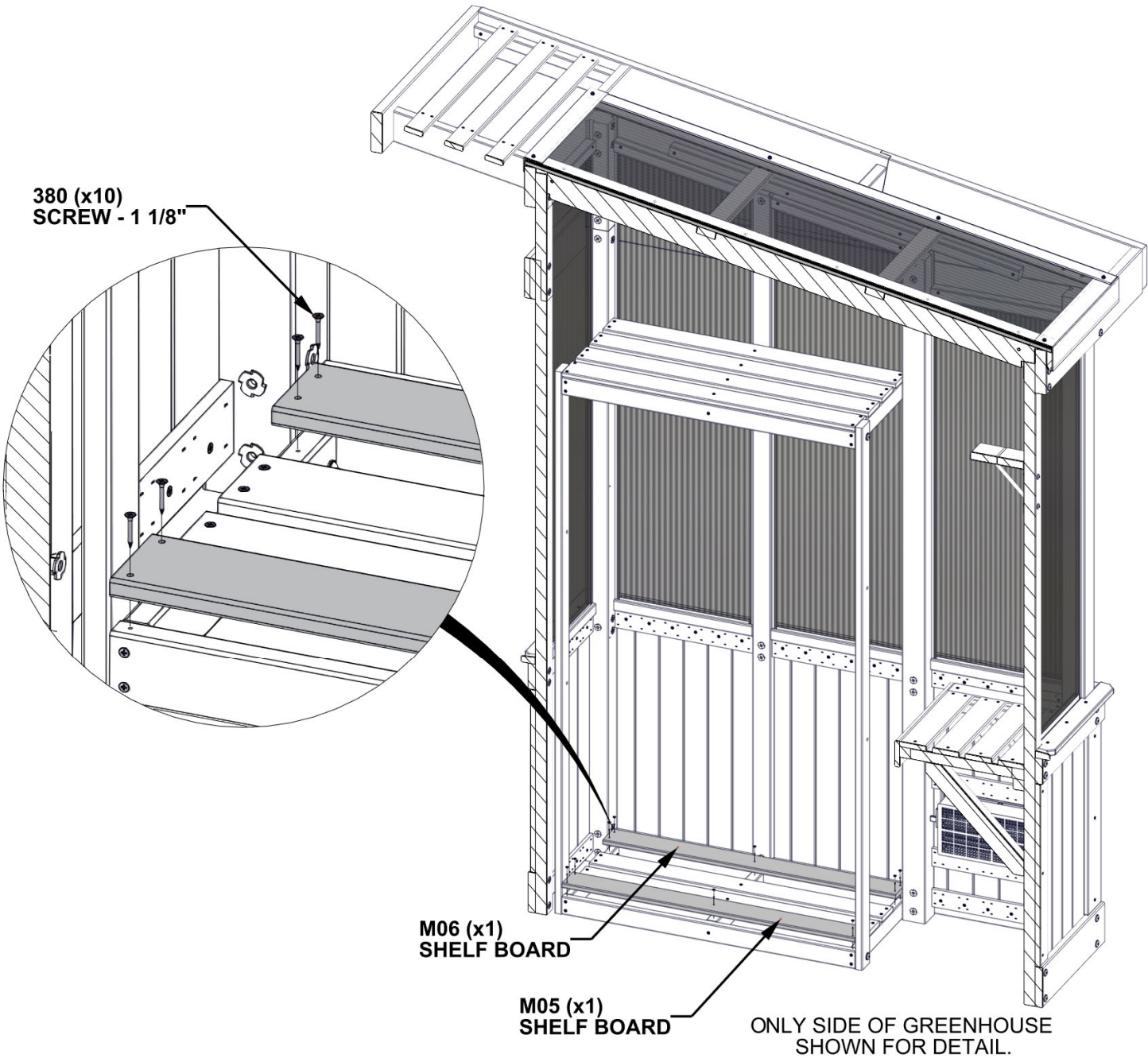
STEP 122 - SHELF ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100198	WASHER LOCK EXT 8x19
4	H100378	BOLT WH 5/16x1 3/4 BLK
2	H100379	T-NUT 5/16 BLK
4	H100405	WASHER LOCK EXT 6x15
4	H100487	LAG SCREW WH 1/4x2 BLK
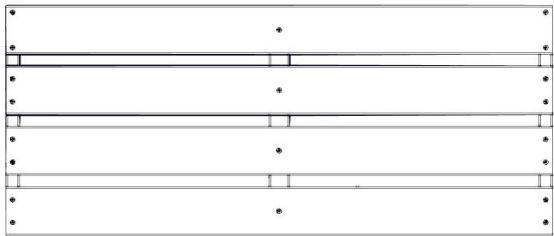
SH01   SHELF ASSEMBLY - W2A04437
(x2)   3"x15 7/8"x37 13/16" (76x404x960)

- INSERT T-NUTS FIRST.
- INSTALL LAGS BEFORE OTHER HARDWARE.

405 (x4)
WASHER - 6x15

487 (x4)
LAG SCREW - 2"

379 (x2)
T-NUT - 5/16"

378 (x4)
BOLT - 1 3/4"

THICKER FACE BOARD
IS ORIENTED TO THE
FRONT AS SHOWN.

198 (x4)
WASHER - 8x19

SH01 (x2)
SHELF ASSEMBLY

ONLY SIDE OF GREENHOUSE
SHOWN FOR DETAIL.

138
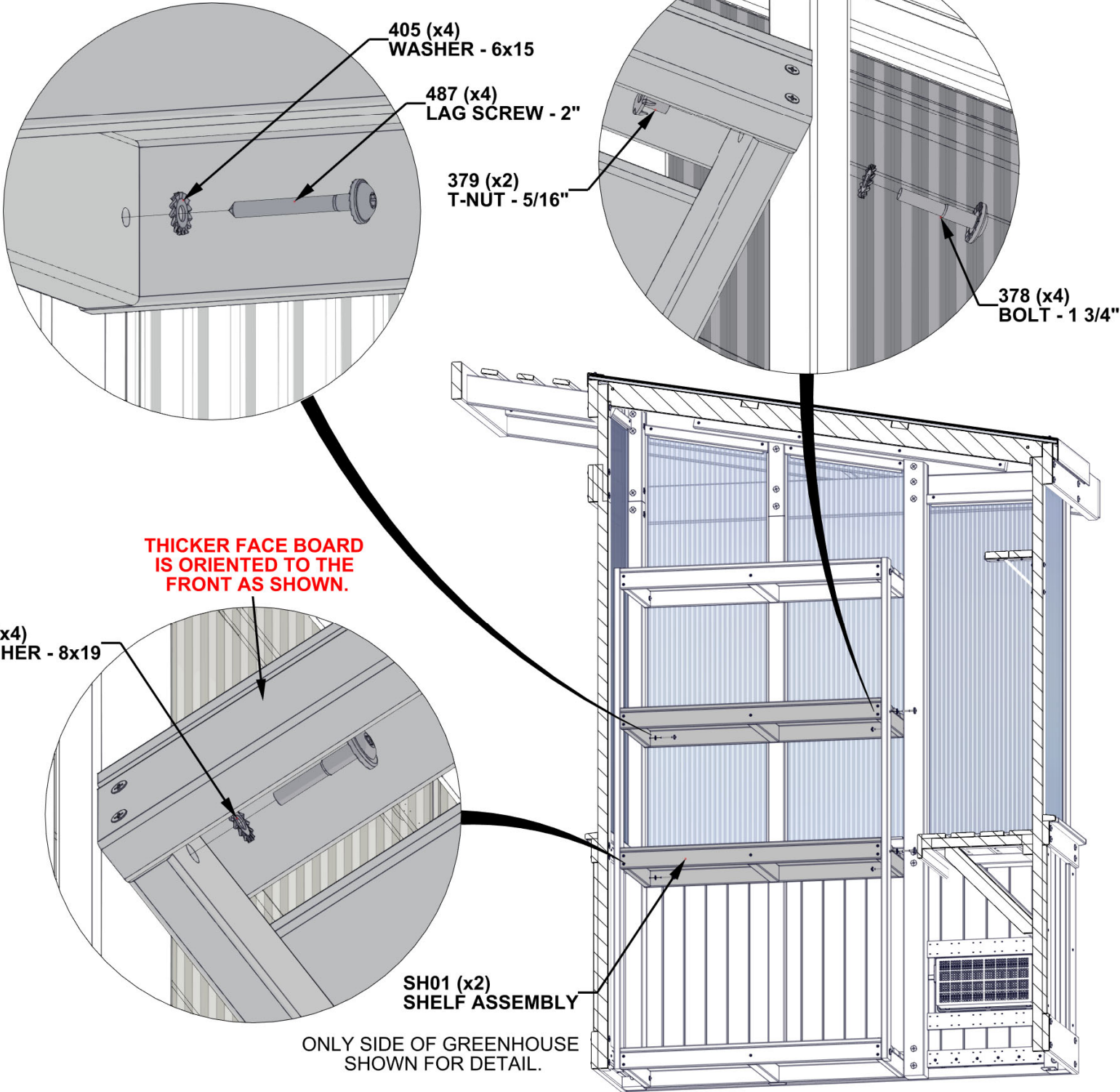
STEP 123 - ELECTRICAL ENCLOSURE MOUNTING

QTY	PART NUMBER	DESCRIPTION
3	H100391	SCREW PFH 8x2 BLK

AD01   ELECTRICAL ENCLOSURE BOARD - W4L20755
(x1)   15/16"x4"x22 1/16" (24x102x560)

AD01 (x1)
ELECTRICAL ENCLOSURE BOARD

391 (x3)
SCREW - 2"

**ATTACH AD01 USING PILOT
HOLES IN UPRIGHT AS SHOWN.**
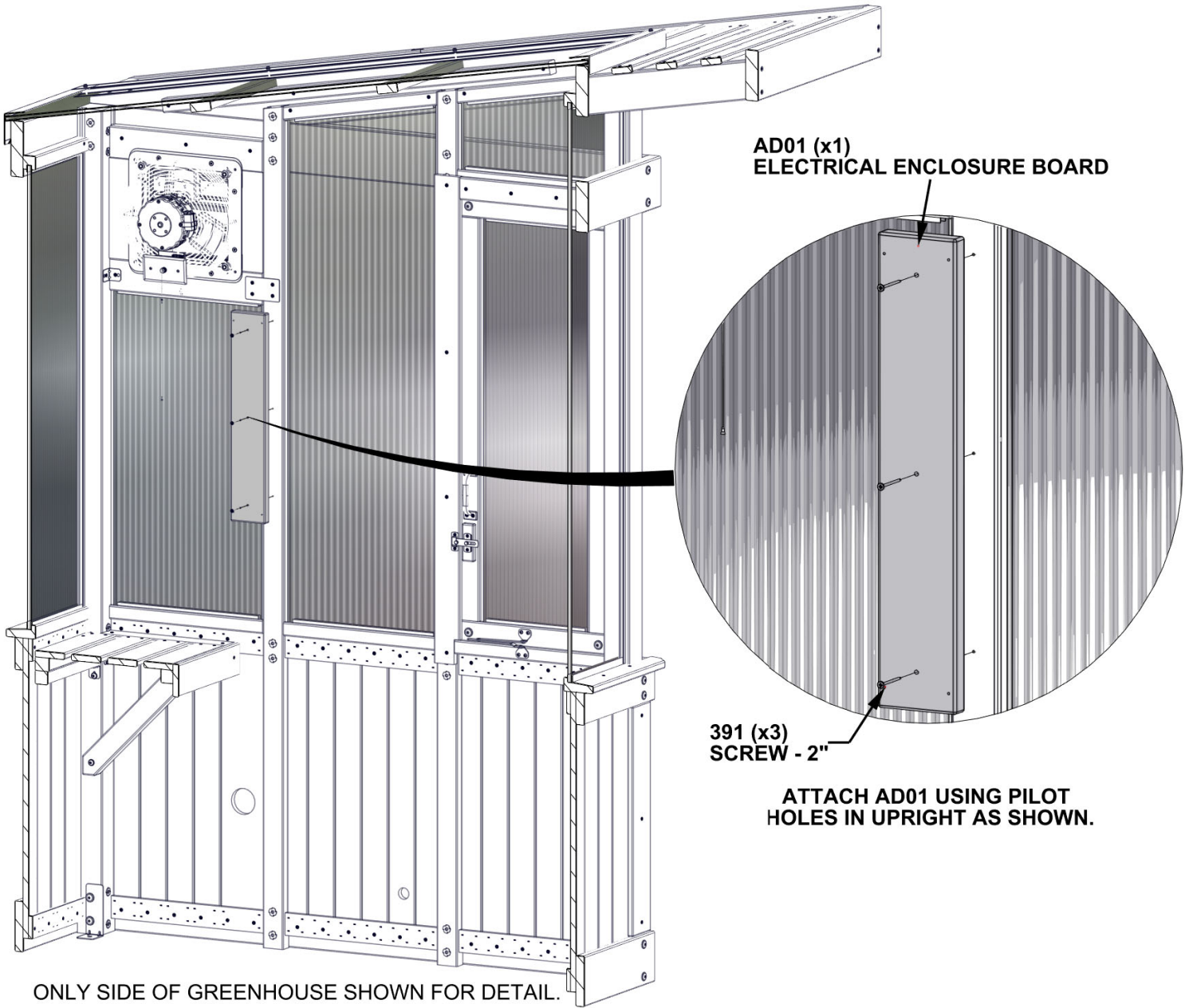
ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.

STEP 124 - ELECTRICAL ENCLOSURE MOUNTING

QTY	PART NUMBER	DESCRIPTION
4	H100395	SCREW PFH 8x3/4 BLK
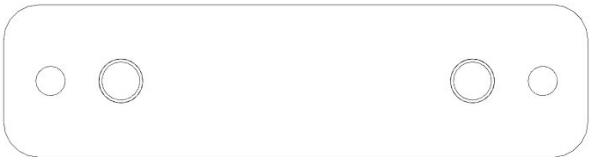
A4M01292   MOUNTING BRACKET
(x2)

INCLUDED WITH THE ELECTRICAL ENCLOSURE

**1292 (x2)
MOUNTING BRACKET**

**395 (x4)
SCREW - 3/4"**

**ATTACH MOUNTING BRACKETS
USING PILOT HOLES IN AD01.**
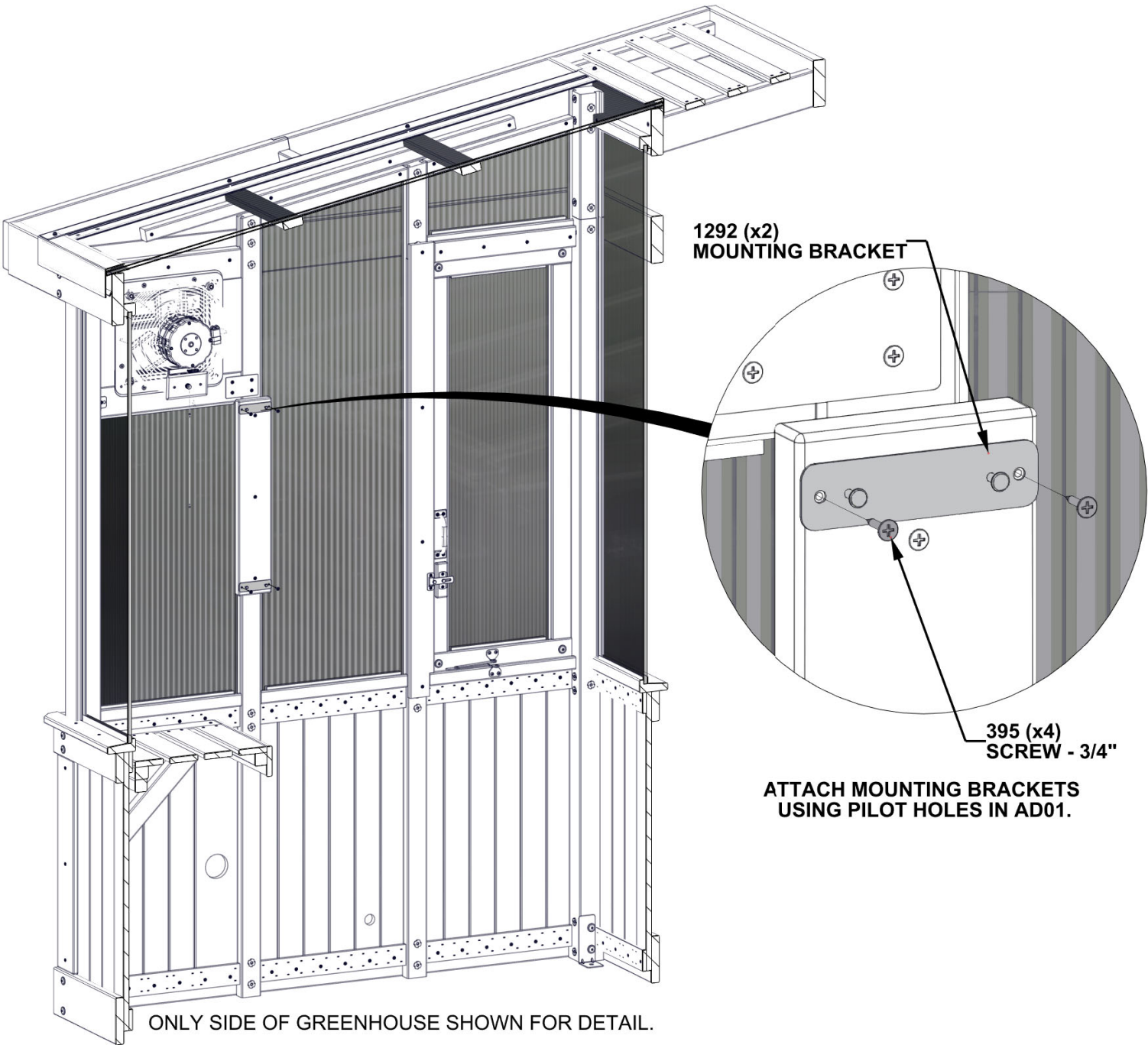
ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.

STEP 125 - ELECTRICAL ENCLOSURE MOUNTING

9205413   ELECTRICAL ENCLOSURE
(x1)
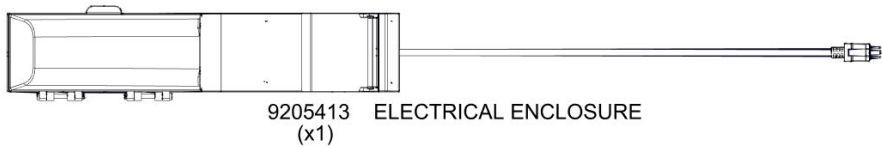
- HANG ELECTRICAL ENCLOSURE ON THE MOUNTING BRACKETS.

ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.

5413 (x1)
ELECTRICAL ENCLOSURE
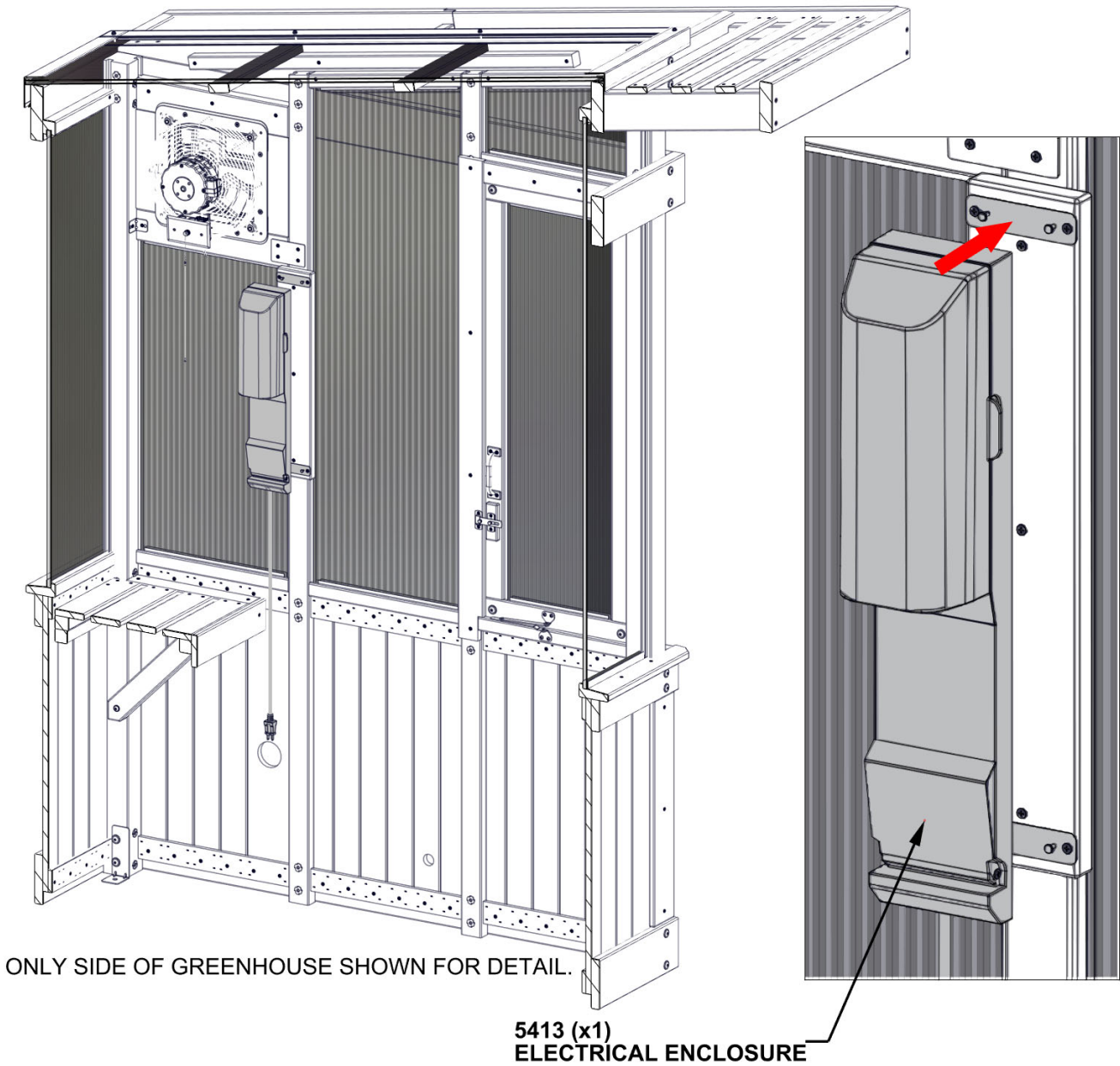
STEP 126 - THERMOSTAT MOUNTING

QTY	PART NUMBER	DESCRIPTION
1	H100200	SCREW PFH 8x1 1/2 BLK

A6P00754   THERMOSTAT
(x1)

- LOCATE THERMOSTAT IN A DESIRED LOCATION CLOSE TO THE ELECTRICAL ENCLOSURE.
- INSTALL SCREW LEAVING IT PARTIALLY STICKING OUT AND HANG THERMOSTAT.
- HANG THE PROBE IN AN ELEVATED LOCATION.
- SEE THERMOSTAT MANUAL FOR OPERATING INSTRUCTIONS.

200 (x1)
SCREW - 1 1/2"

0754 (x1)
THERMOSTAT

ONLY SIDE OF GREENHOUSE SHOWN FOR DETAIL.
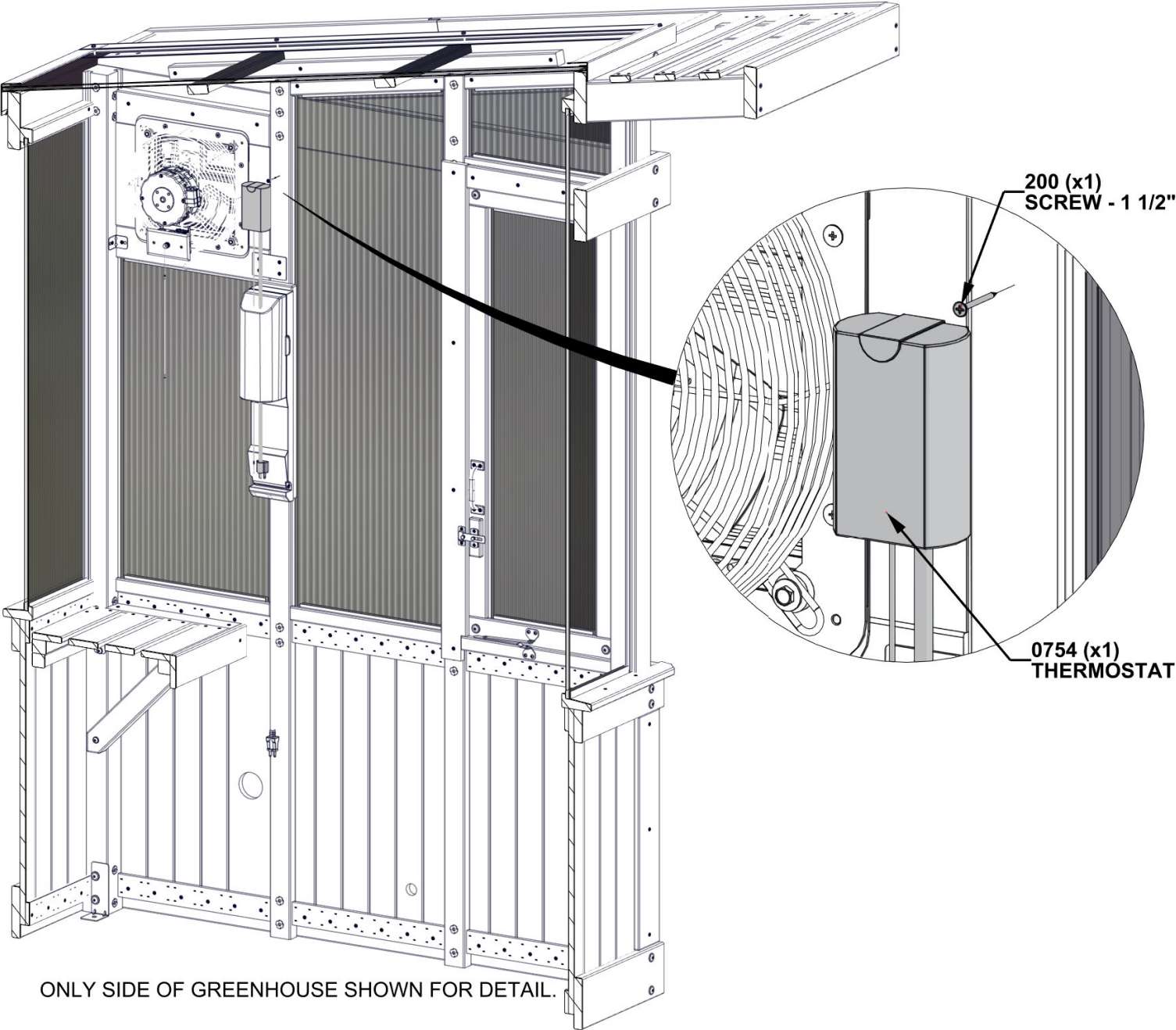
STEP 127 - DOOR ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100385	SCREW PFH 8x1 BLK
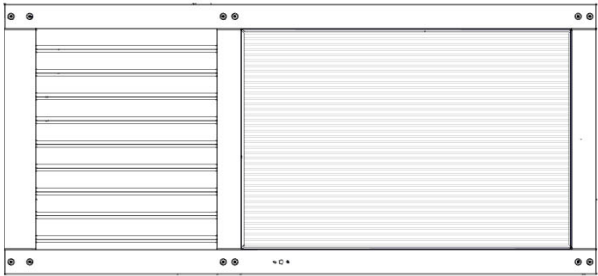
DA01   DOOR ASSEMBLY - W2A04009
(x1)   1 7/8"x36 9/16"x80" (48x928x2032)
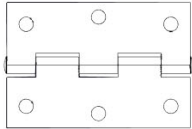
A4M00557   HINGE ASSEMBLY
(x4)

ALIGN PILOT HOLES IN HINGES WITH PILOT HOLES ON DOOR.

**DA01 (x1)
DOOR ASSEMBLY**
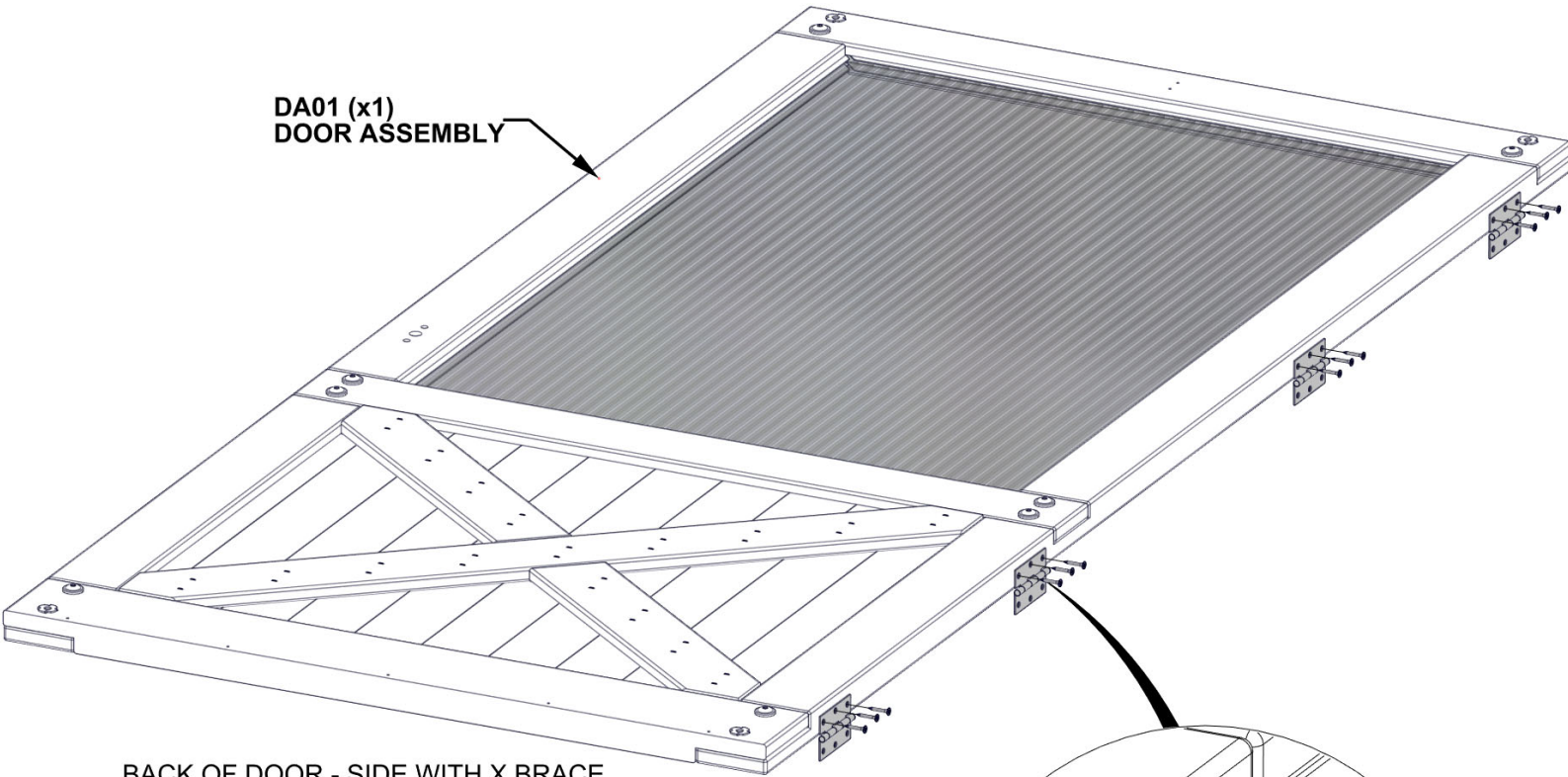
BACK OF DOOR - SIDE WITH X BRACE

**WITH THE DOOR LAYING WITH THE BACK FACING UP AS SHOWN,
ATTACH HINGES. CORRECT ORIENTATION OF HINGES IS CRITICAL.**

**0557 (x4)
HINGE ASSEMBLY**

NOTE DIRECTION OF BARREL ON HINGES.

**385 (x12)
SCREW - 1"**
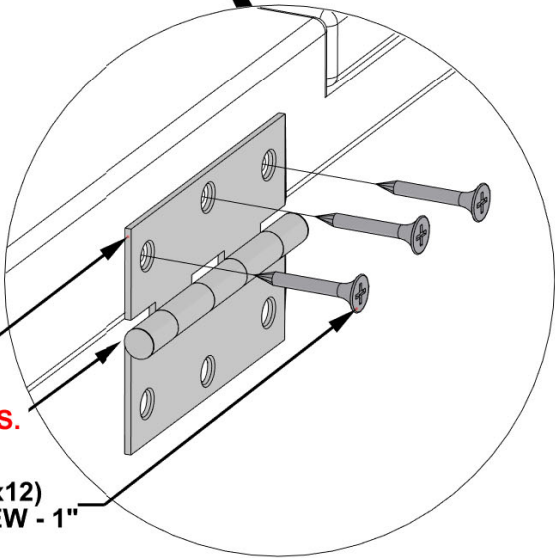
STEP 128 - DOOR ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
12	H100385	SCREW PFH 8x1 BLK

385 (x12)
SCREW - 1"

LIFT DOOR INTO PLACE AND ATTACH AS SHOWN.

ALIGN HOLES IN HINGES WITH
PILOT HOLES IN DOOR FRAME.

ONLY FRONT OF GREENHOUSE SHOWN FOR DETAIL.
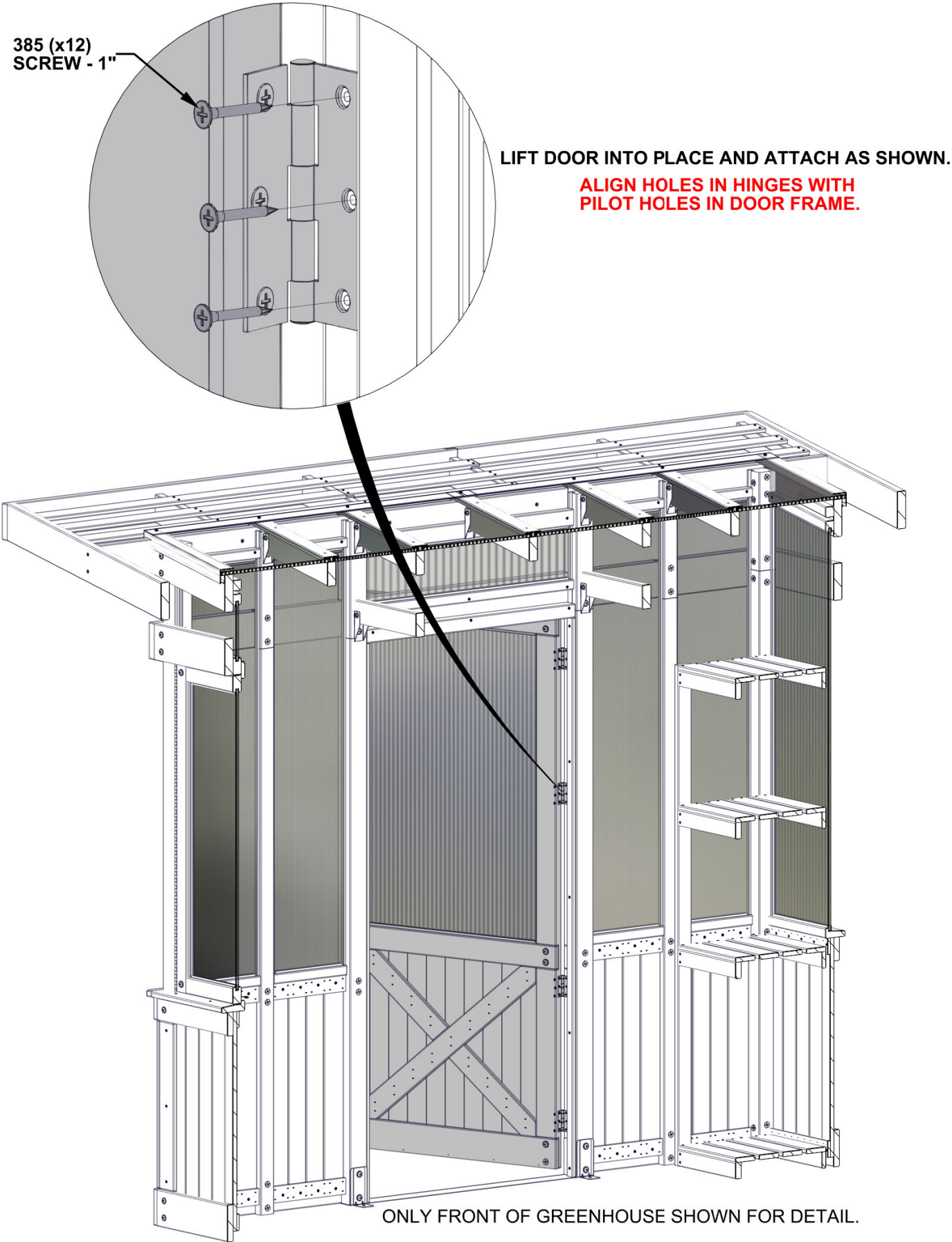
STEP 129 - DOOR ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H101259	SCREW POH 8x1 3/4 SS
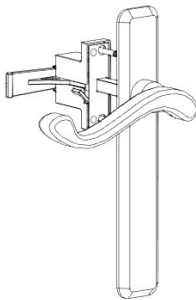
A4M02410   STORM DOOR HANDLE
(x1)
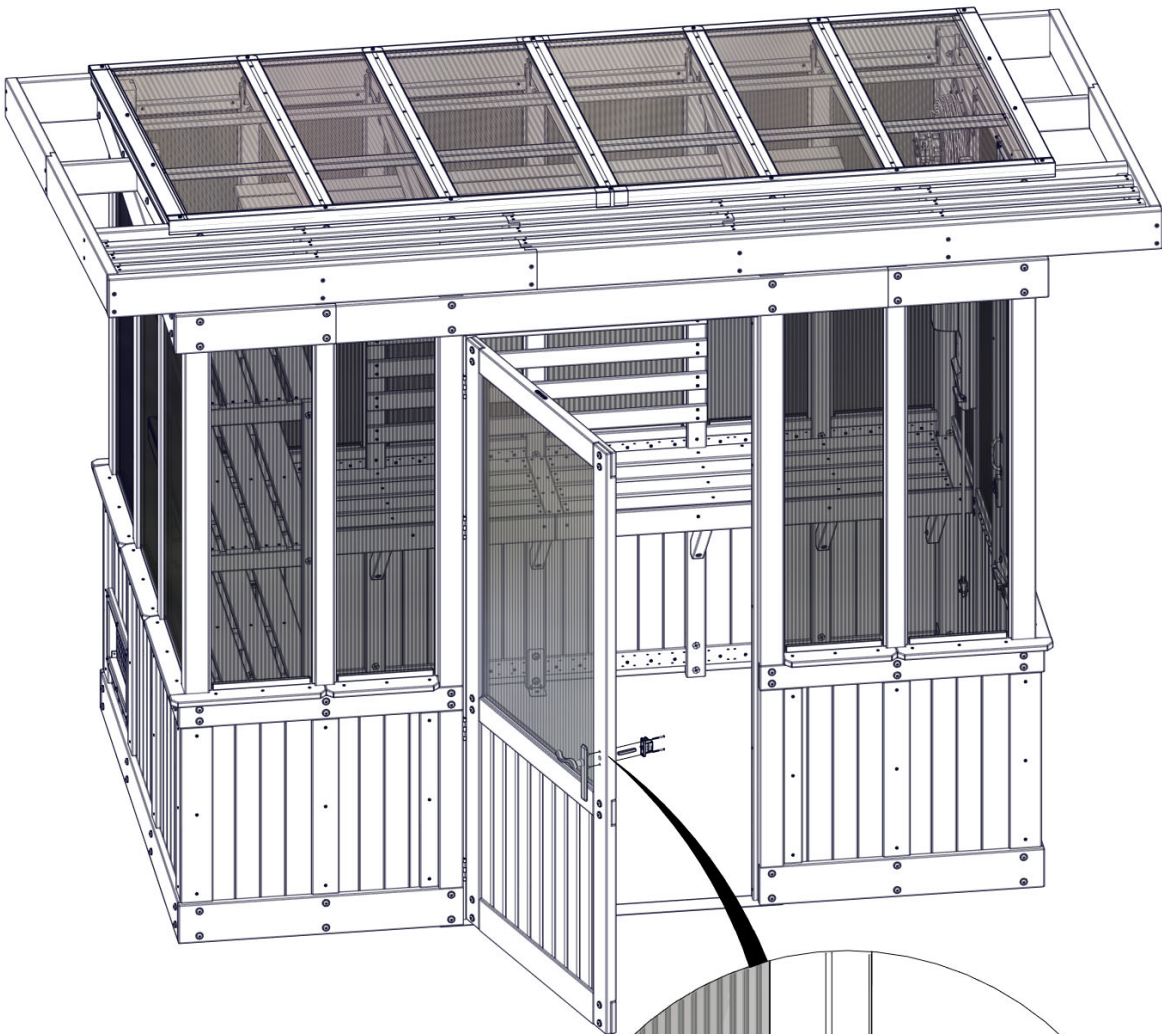
**ENSURE CORRECT ORIENTATION
OF DOOR HANDLE AS SHOWN.**

**USE SCREWDRIVER.
DO NOT OVERTIGHTEN.**

**1259 (x2)
SCREW - 1 3/4"**

**2410 (x1)
STORM DOOR HANDLE**
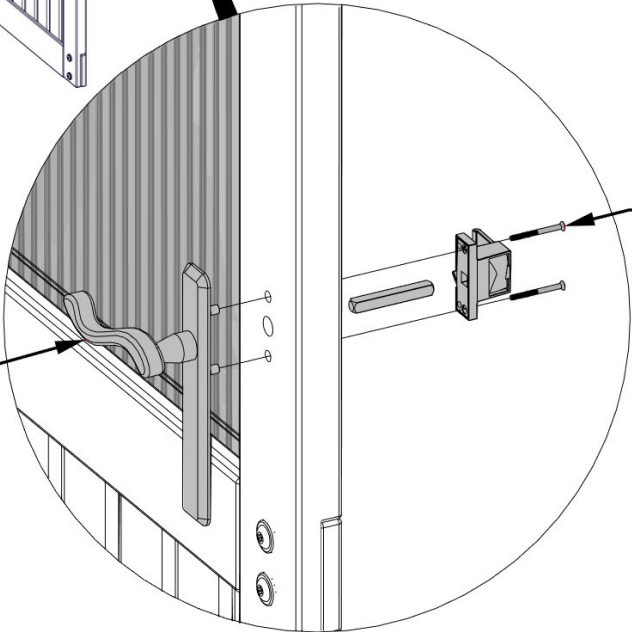
STEP 130 - DOOR ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
2	H101260	SCREW PRH 8x1 1/4 BLK
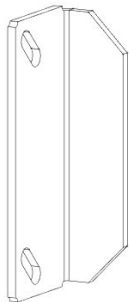
A4M02410   STORM DOOR HANDLE LATCH
(x1)
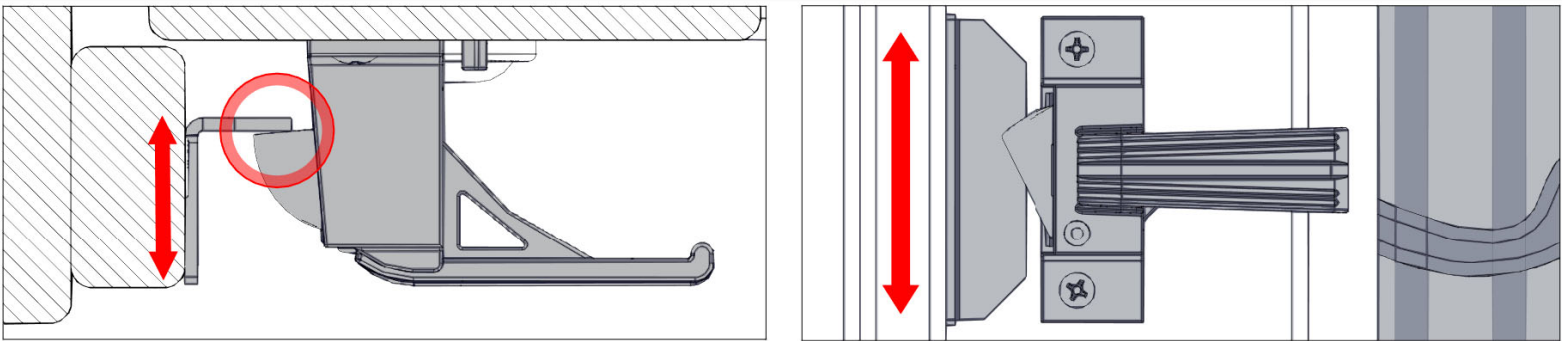
WITH THE DOOR SHUT, POSITION THE DOOR LATCH AS SHOWN. ADJUST FRONT TO BACK TO ENSURE THE LATCH MAKES CONTACT. ADJUST UP AND DOWN TO ENSURE THE LATCH IS CENTERED WITH THE HANDLE. MARK THE SLOTTED HOLE LOCATIONS AND PRE-DRILL WITH AN 1/8" [3mm] DRILL BIT.

1260 (x2)
SCREW - 1 1/4"

2410 (x1)
LATCH

ATTACH USING PILOT HOLES.
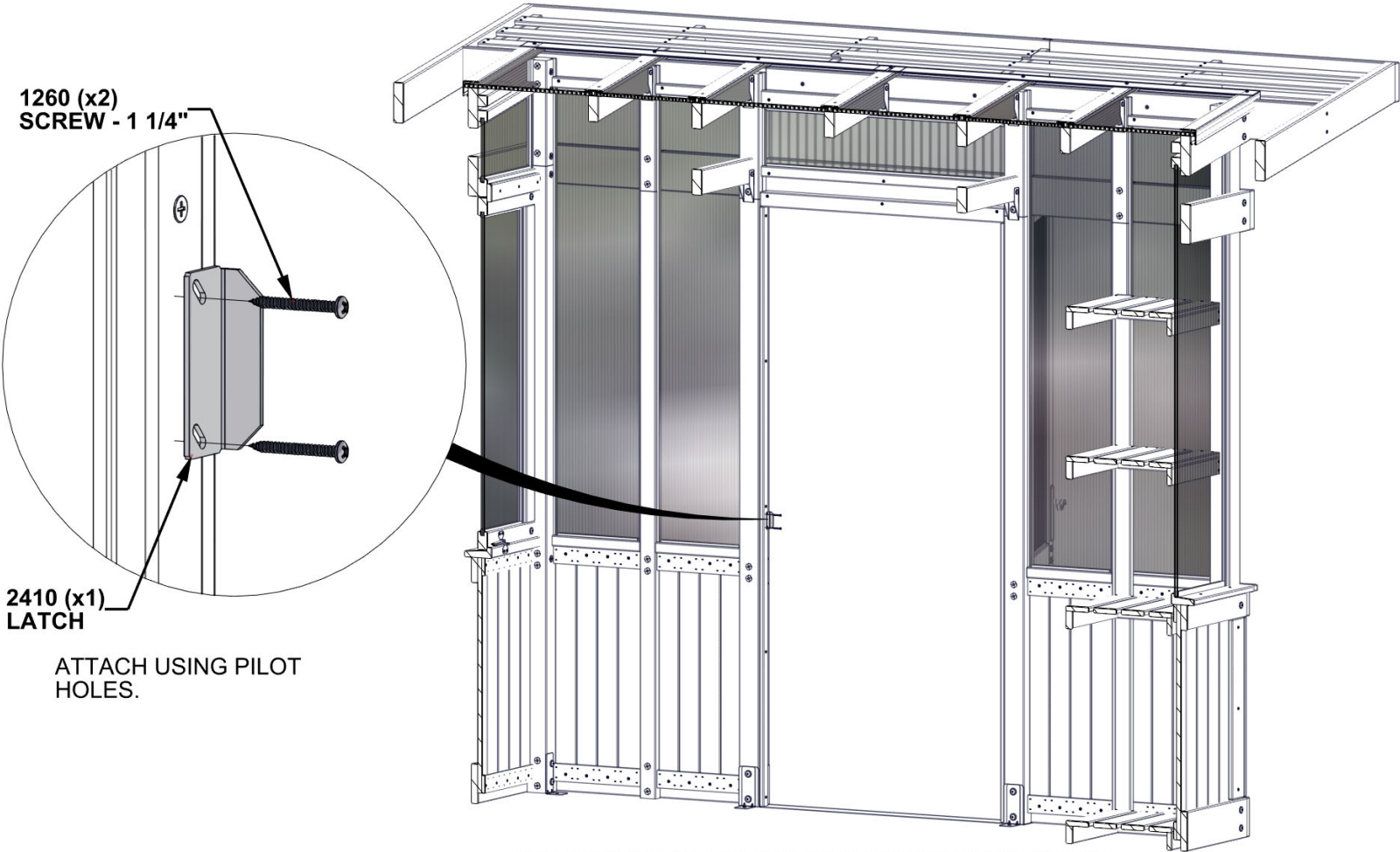
ONLY FRONT OF GREENHOUSE SHOWN FOR DETAIL.

STEP 131 - DOOR ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
5	H100202	SCREW PWH 8x5/8 BLK

A4M02532   DOOR SWEEP
(x1)
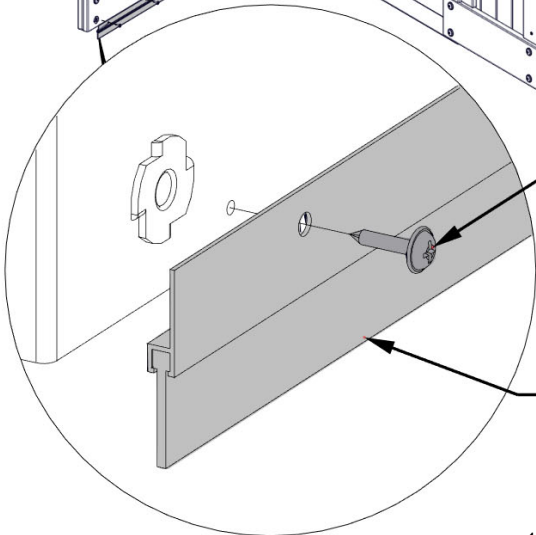
202 (x5)
SCREW - 5/8"

ATTACH DOOR SWEEP USING PILOT
HOLES IN DOOR ASSEMBLY AS SHOWN.

2532 (x1)
DOOR SWEEP

STEP 132 - DOOR ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100392	SCREW PWH 8x3/4 BLK
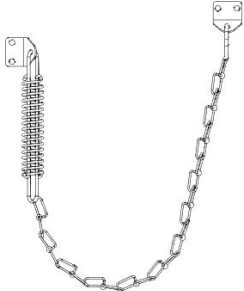
A4M02411   DOOR PROTECTOR CHAIN
(x1)

ATTACH DOOR CHAIN IN APPROXIMATE LOCATION AS SHOWN.

7/8" [22mm]

9 1/8" [231mm]
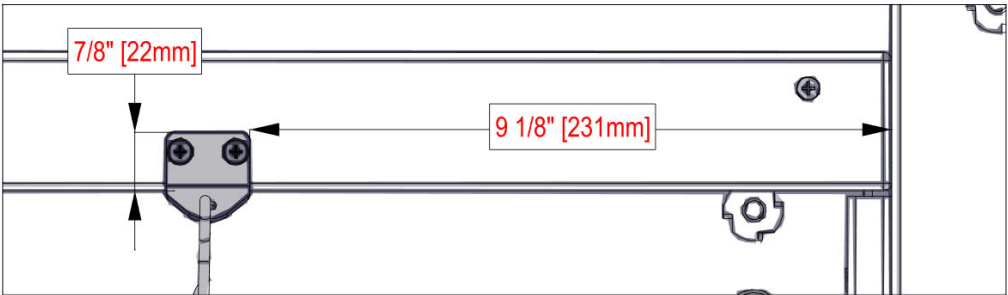
2411 (x1)
DOOR PROTECTOR CHAIN

392 (x4)
SCREW - 3/4"
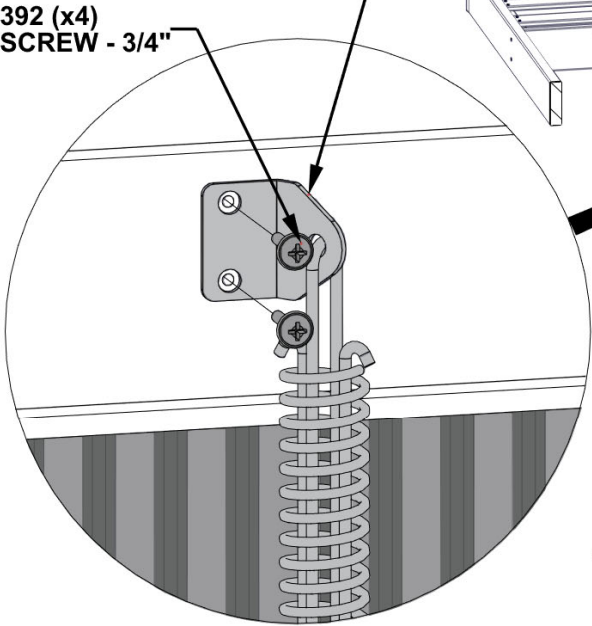
ATTACH SPRING SIDE OF BRACKET TO DOOR USING PILOT HOLES AS SHOWN.

ONCE DOOR CHAIN IS ATTACHED, ADJUST CHAIN LENGTH AS DESIRED.
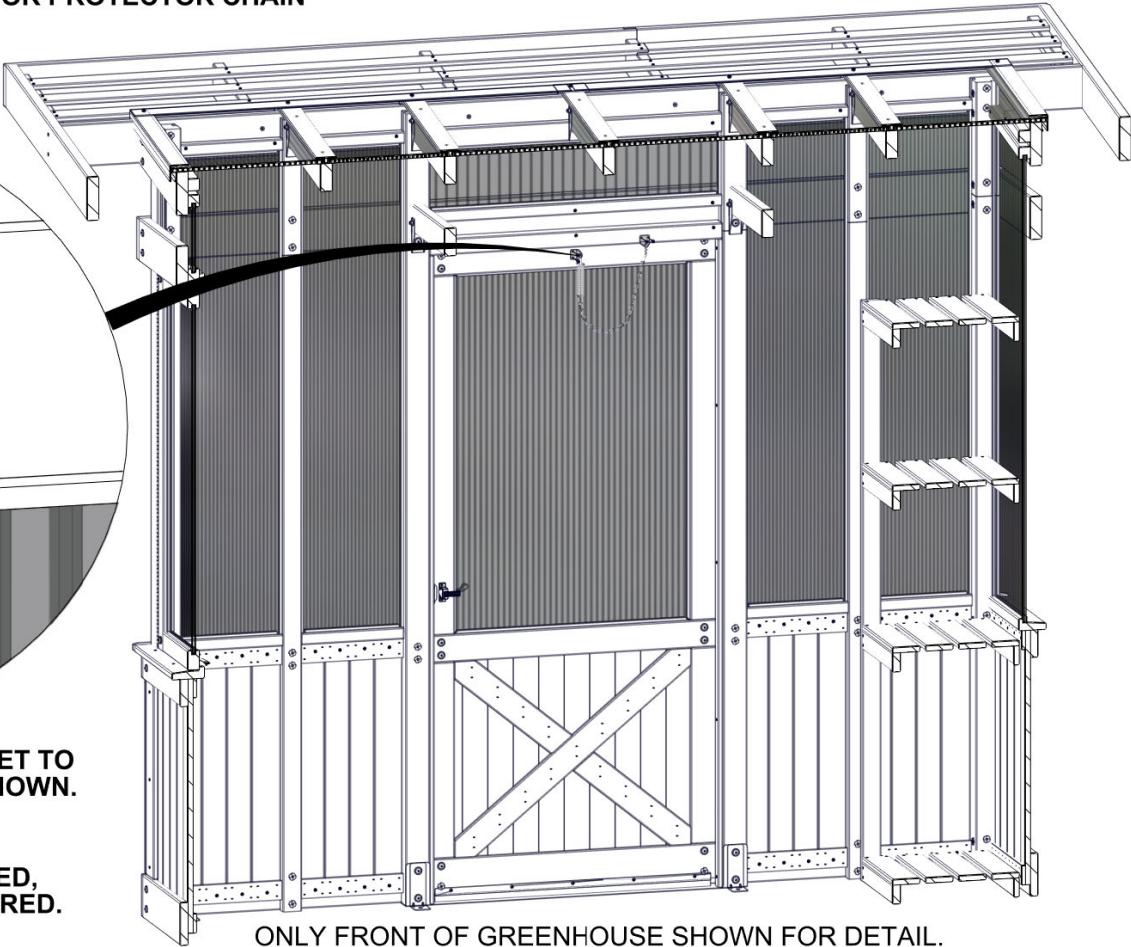
ONLY FRONT OF GREENHOUSE SHOWN FOR DETAIL.

STEP 133 - CORD GROMMET INSTALLATION

A6P00692   CORD GROMMET
(x1)

0692 (x1)
CORD GROMMET
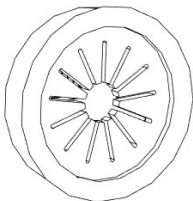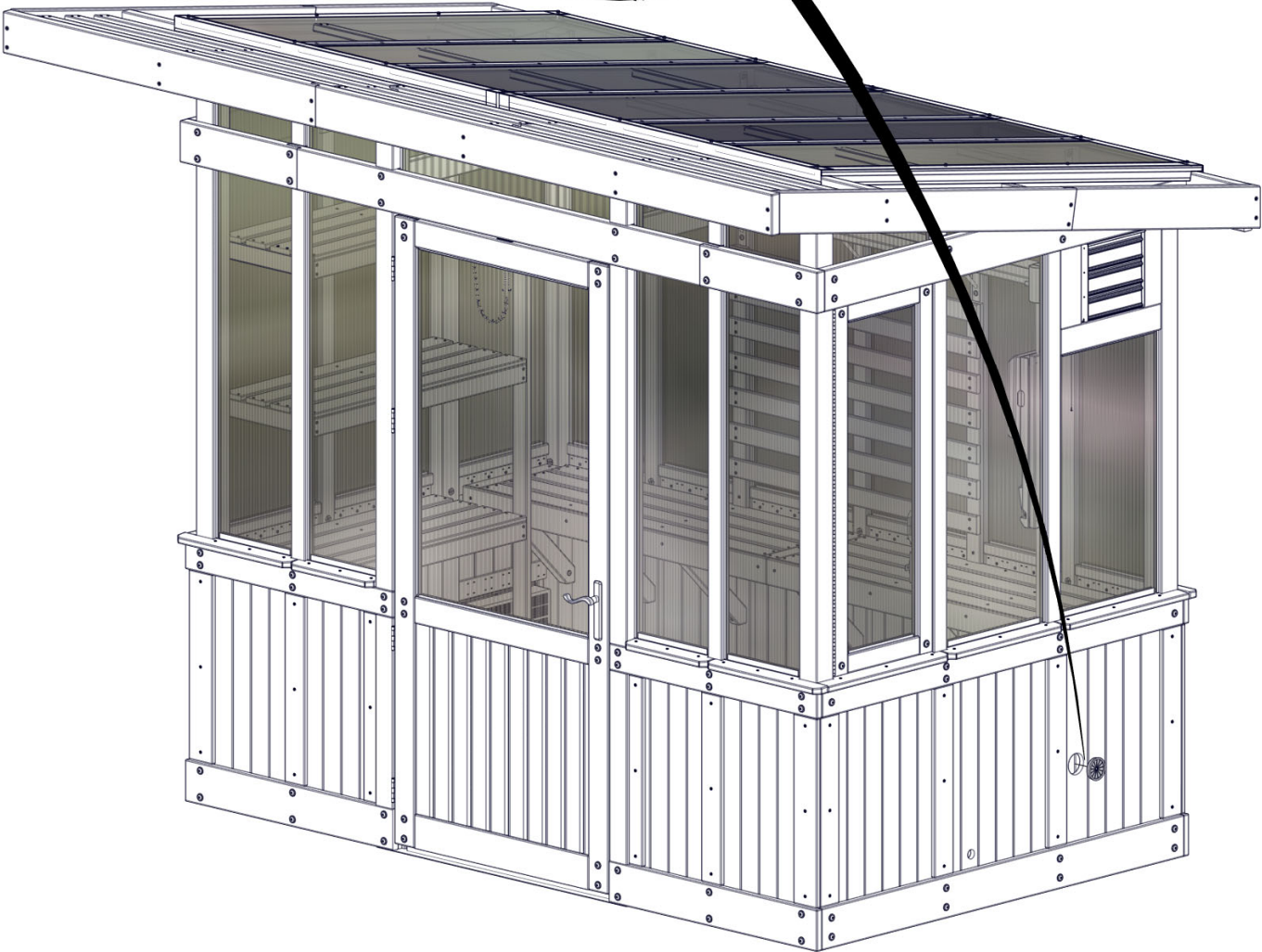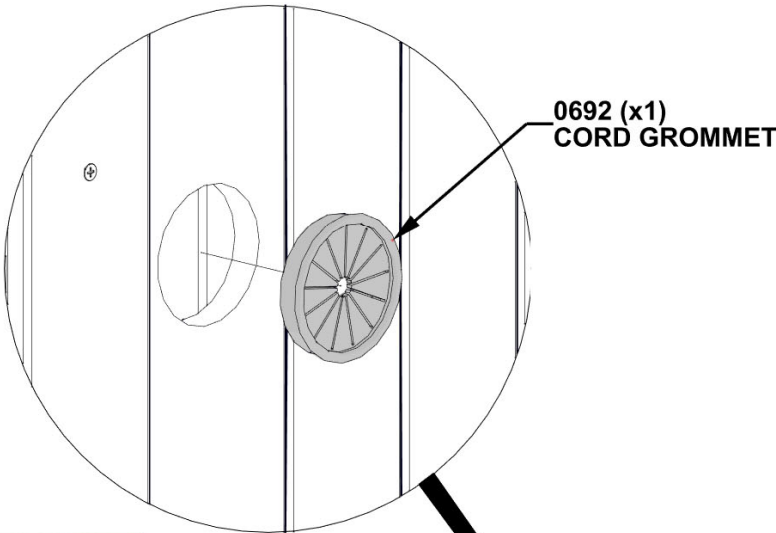
STEP 134 - PLANT HOOK INSTALLATION
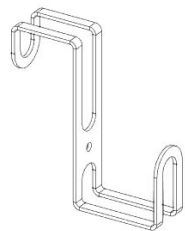
A4M01591   HOOK
(x4)
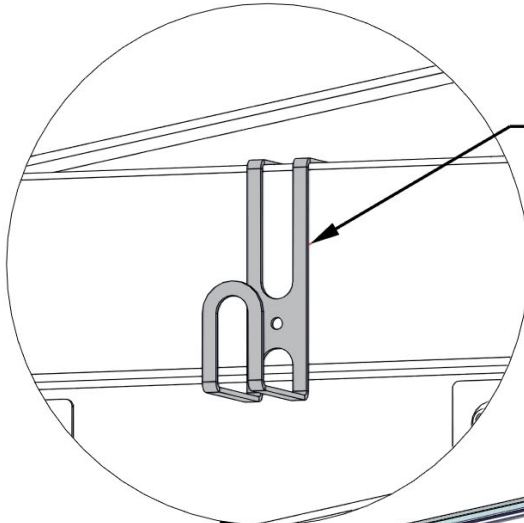
**591 (x4)
HOOK**

**HANG PLANT HOOKS ON INTERIOR
RAFTERS OR ON EXTERIOR
PERGOLA WHERE DESIRED.**
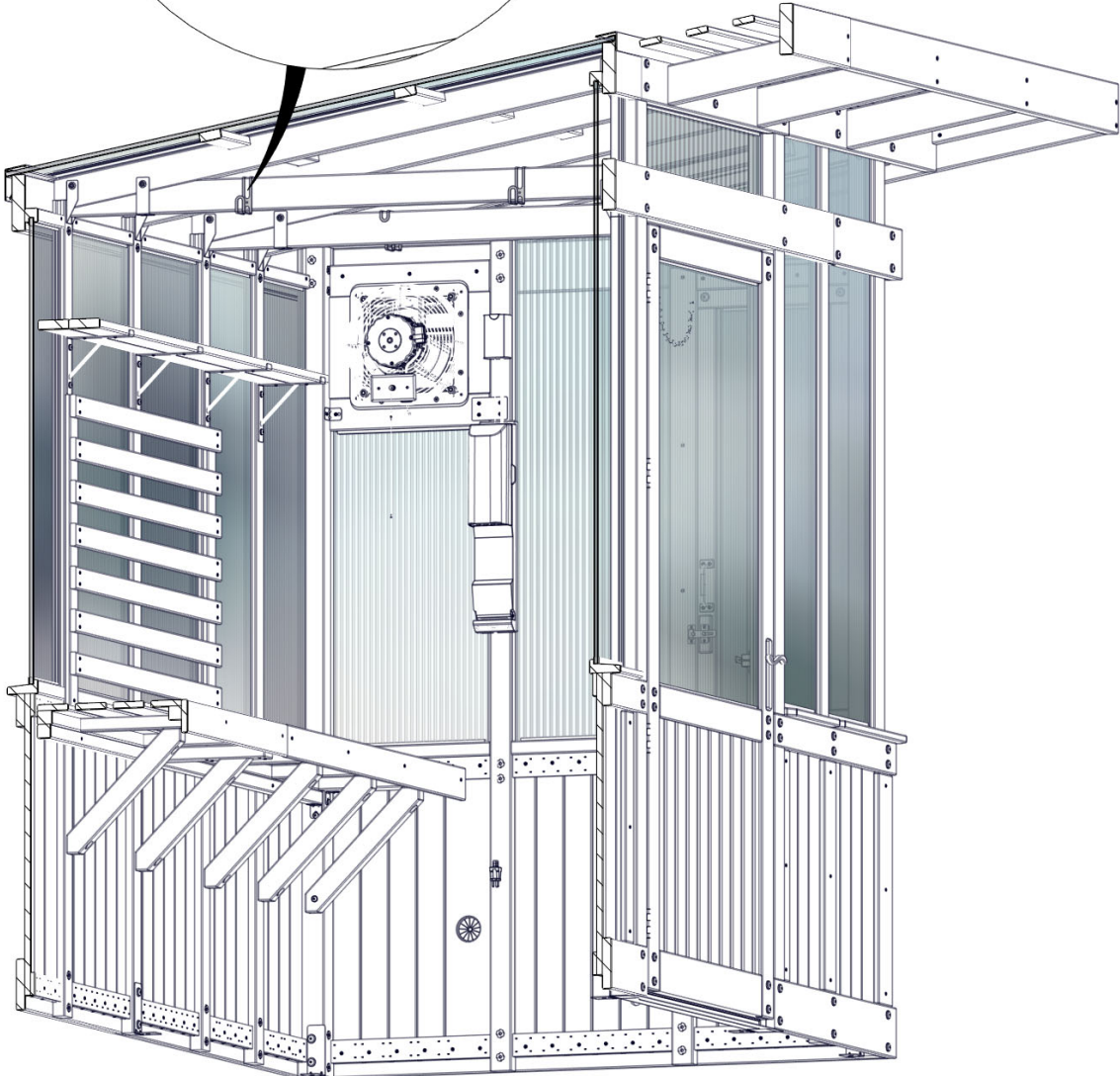
SIDE OF GREENHOUSE HIDDEN FOR DETAIL.

STEP 135 - HOSE HANGER ASSEMBLY

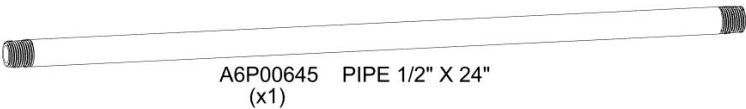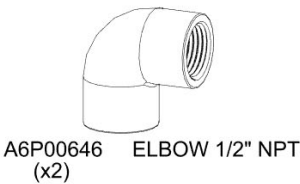| QTY	PART NUMBER	DESCRIPTION
2	H100387	SCREW PFH 8x1 1/4 BLK
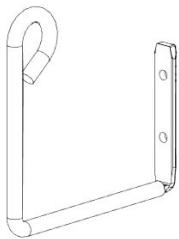
A4M03473   HOSE HANGER
(x1)

- CENTER HOSE HANGER ON UPRIGHT AND ATTACH APPROXIMATELY
  4 1/2" BELOW WINDOW TRIM, OR IN DESIRED LOCATION.

4 1/2" [114mm]

387 (x2)
SCREW - 1 1/4"

3473 (x1)
HOSE HANGER

ONLY BACK OF GREENHOUSE SHOWN FOR DETAIL.
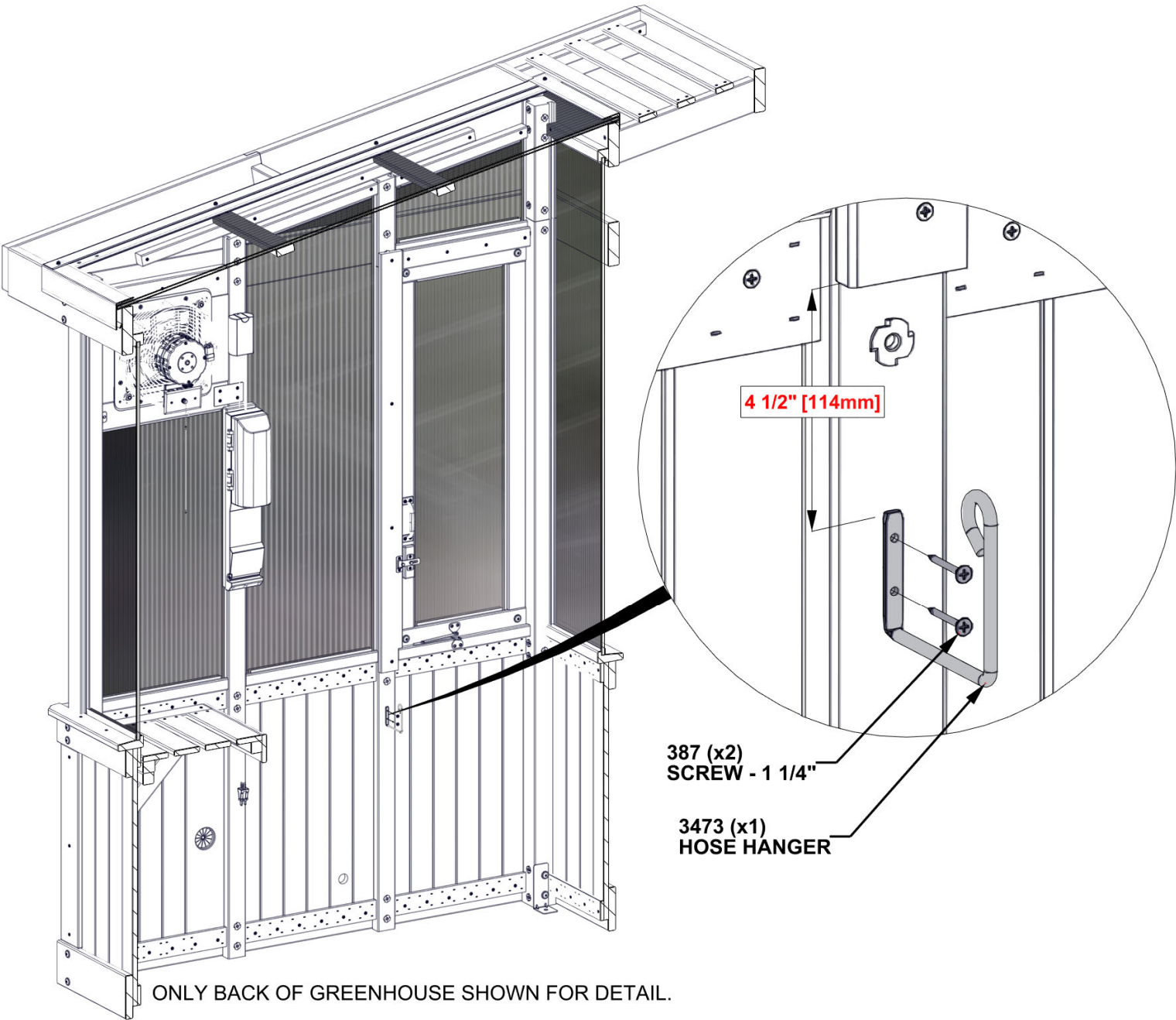
STEP 136 - WATER LINE ASSEMBLY

A4M02384   SPIGOT
(x1)

A6P00649   THREADED PIPE
(x1)   CONNECTOR

A6P00646   ELBOW 1/2" NPT
(x2)

A6P00809   PLUMBERS TAPE

A6P00645   PIPE 1/2" X 24"
(x1)
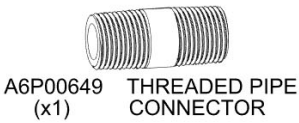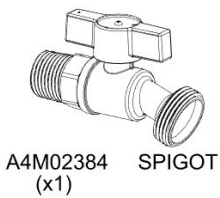
- USE PLUMBERS TAPE AND WRAP THREADS OF MALE FITTINGS.
- FASTEN FITTINGS TO FORM THE COMPLETED WATER LINE ASSEMBLY BELOW.

2384 (x1)
HOSE FAUCET

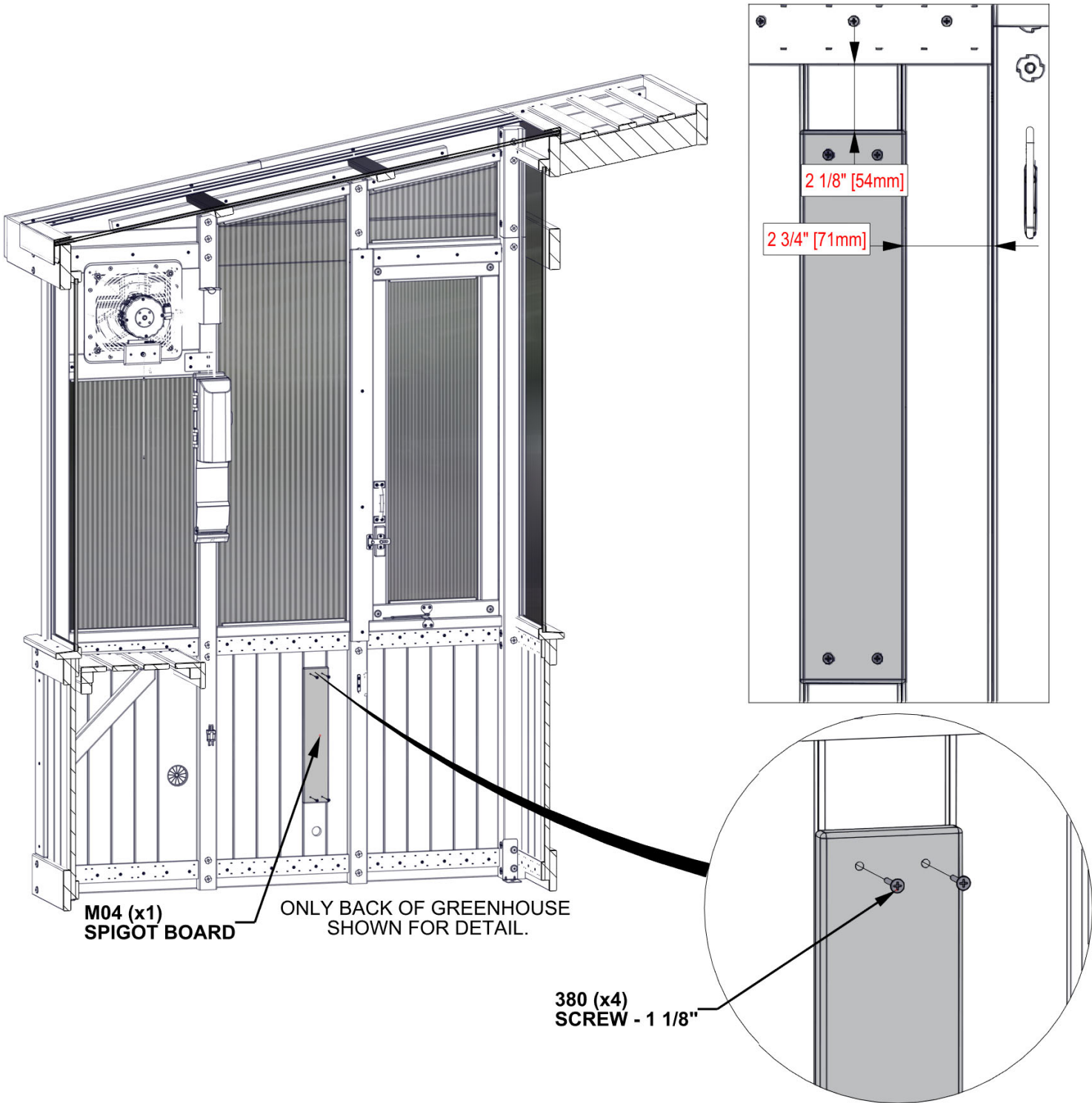646 (x1)
ELBOW 1/2" NPT

645 (x1)
PIPE 1/2" X 24"

646 (x1)
ELBOW 1/2" NPT

649 (x1)
THREADED PIPE CONNECTOR

COMPLETED WATER LINE ASSEMBLY
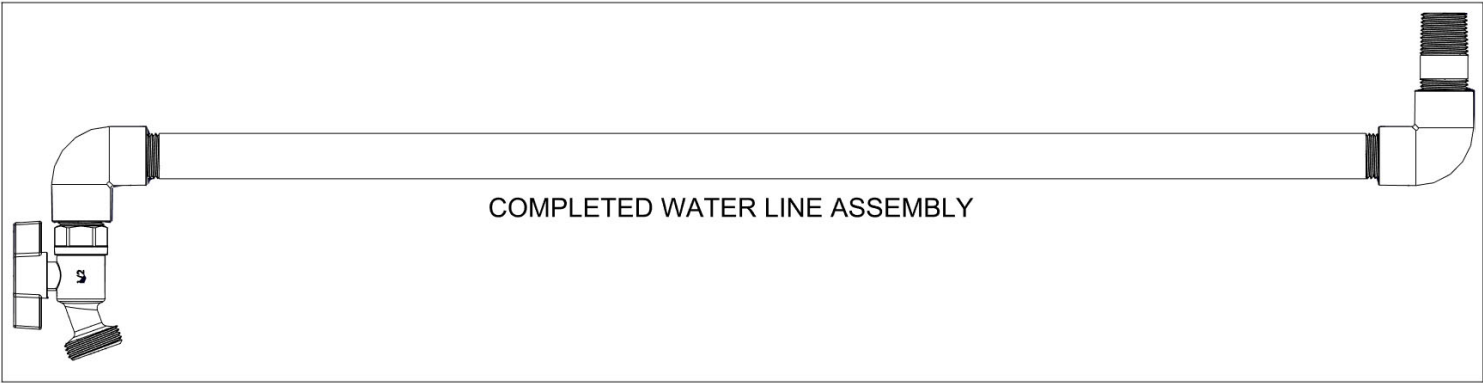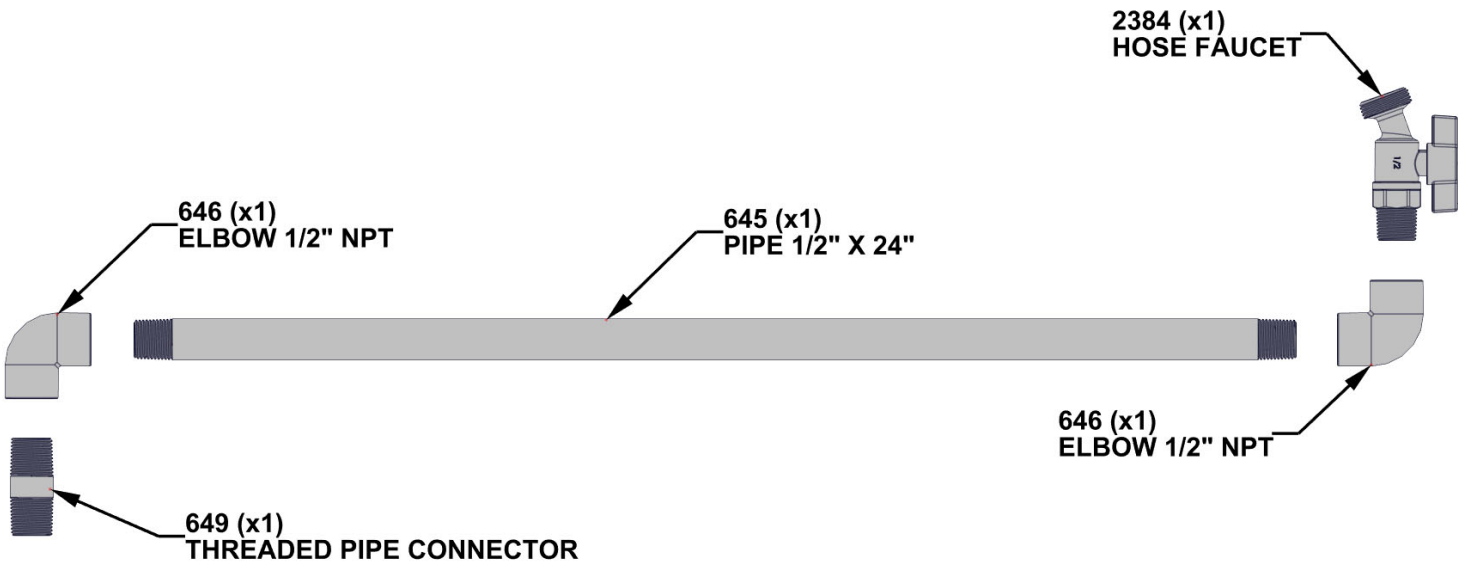
STEP 137 - WATER LINE ASSEMBLY

| QTY	PART NUMBER	DESCRIPTION
4	H100380	SCREW PFH 8x1 1/8 BLK

M04 SPIGOT BOARD - W4L20640
(x1) 5/8"x3 3/8"x17 11/16" (16x86x450)

- USE THE DIMENSION SHOWN TO LOCATE SPIGOT BOARD.
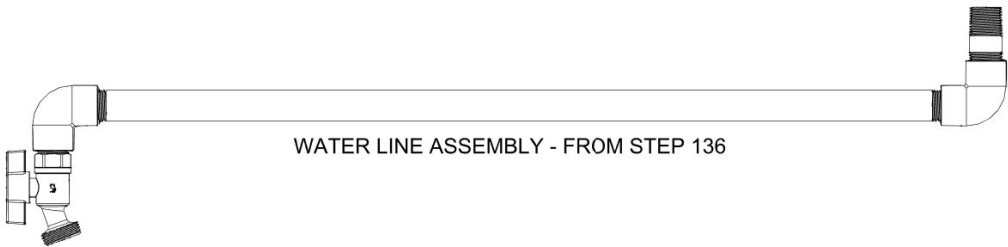- USE THE SPIGOT BOARD AS A GUIDE TO DRILL PILOT HOLES WITH AN 1/8" [3mm] DRILL BIT.

2 1/8" [54mm]

2 3/4" [71mm]

M04 (x1)
SPIGOT BOARD

ONLY BACK OF GREENHOUSE
SHOWN FOR DETAIL.

380 (x4)
SCREW - 1 1/8"

STEP 138 - WATER LINE ASSEMBLY

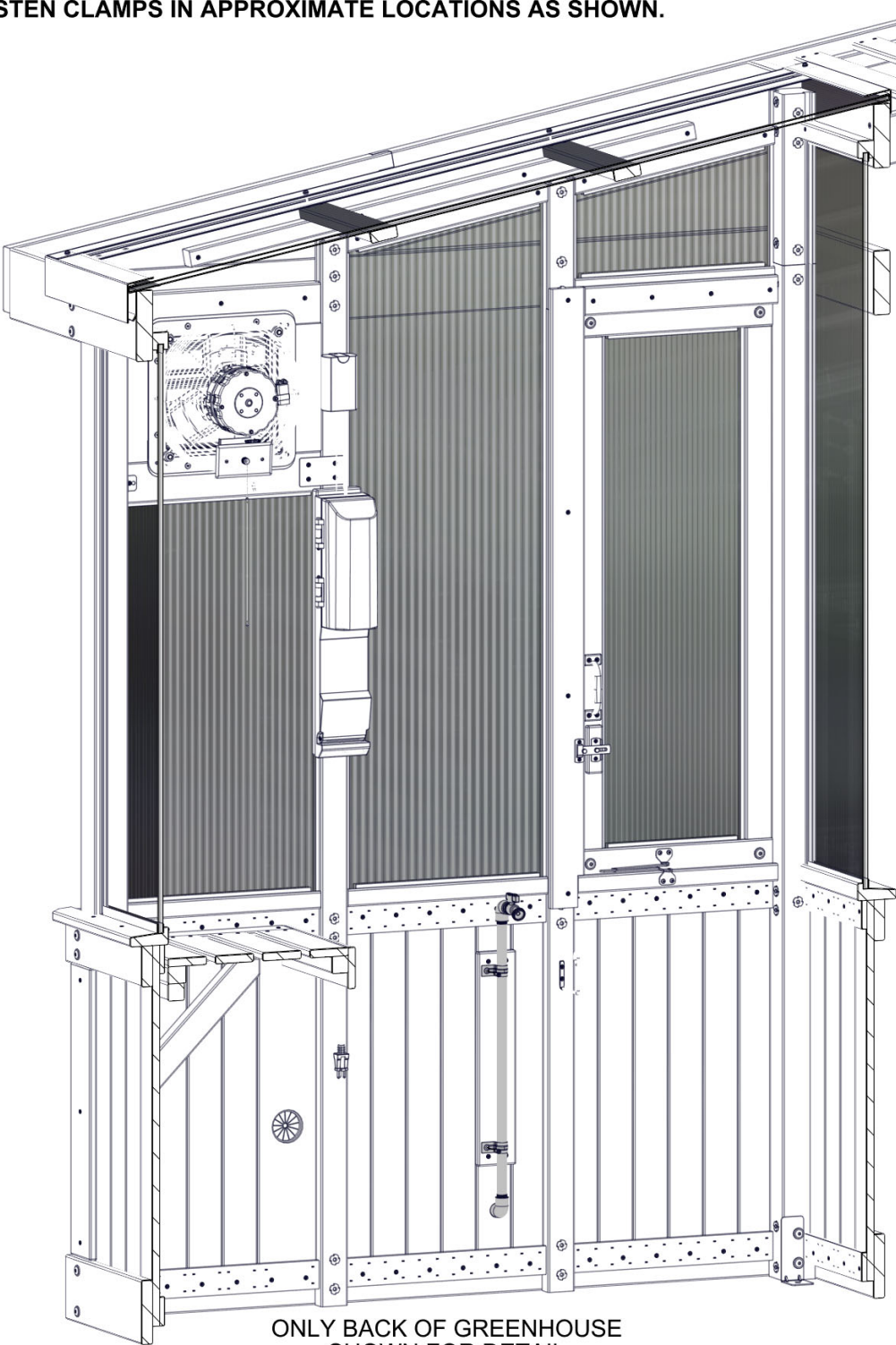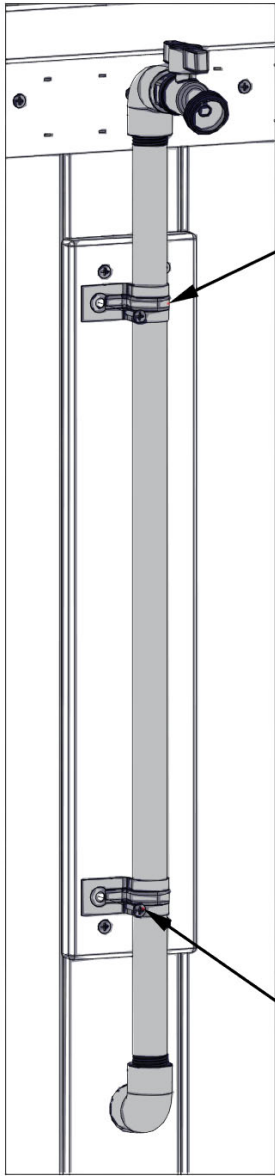| QTY	PART NUMBER	DESCRIPTION
2	H100385	SCREW PFH 8x1 BLK
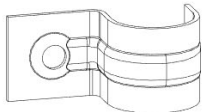
A4M02385   PIPE CLAMP
(x2)

WATER LINE ASSEMBLY - FROM STEP 136

- INSERT WATER LINE ASSEMBLY THROUGH HOLE IN WALL PANEL.
- SECURE WATER LINE TO BOARD FROM PREVIOUS STEP WITH PIPE CLAMPS.
- PRE-DRILL WITH AN 1/8" [3mm] DRILL BIT WITH CLAMPS LINED UP IN POSITION.
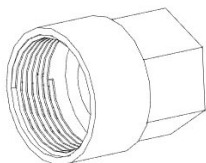- FASTEN CLAMPS IN APPROXIMATE LOCATIONS AS SHOWN.

2385 (x2)
PIPE CLAMP

385 (x2)
SCREW - 1"

ONLY BACK OF GREENHOUSE
SHOWN FOR DETAIL.

154

STEP 139 - WATER LINE ASSEMBLY
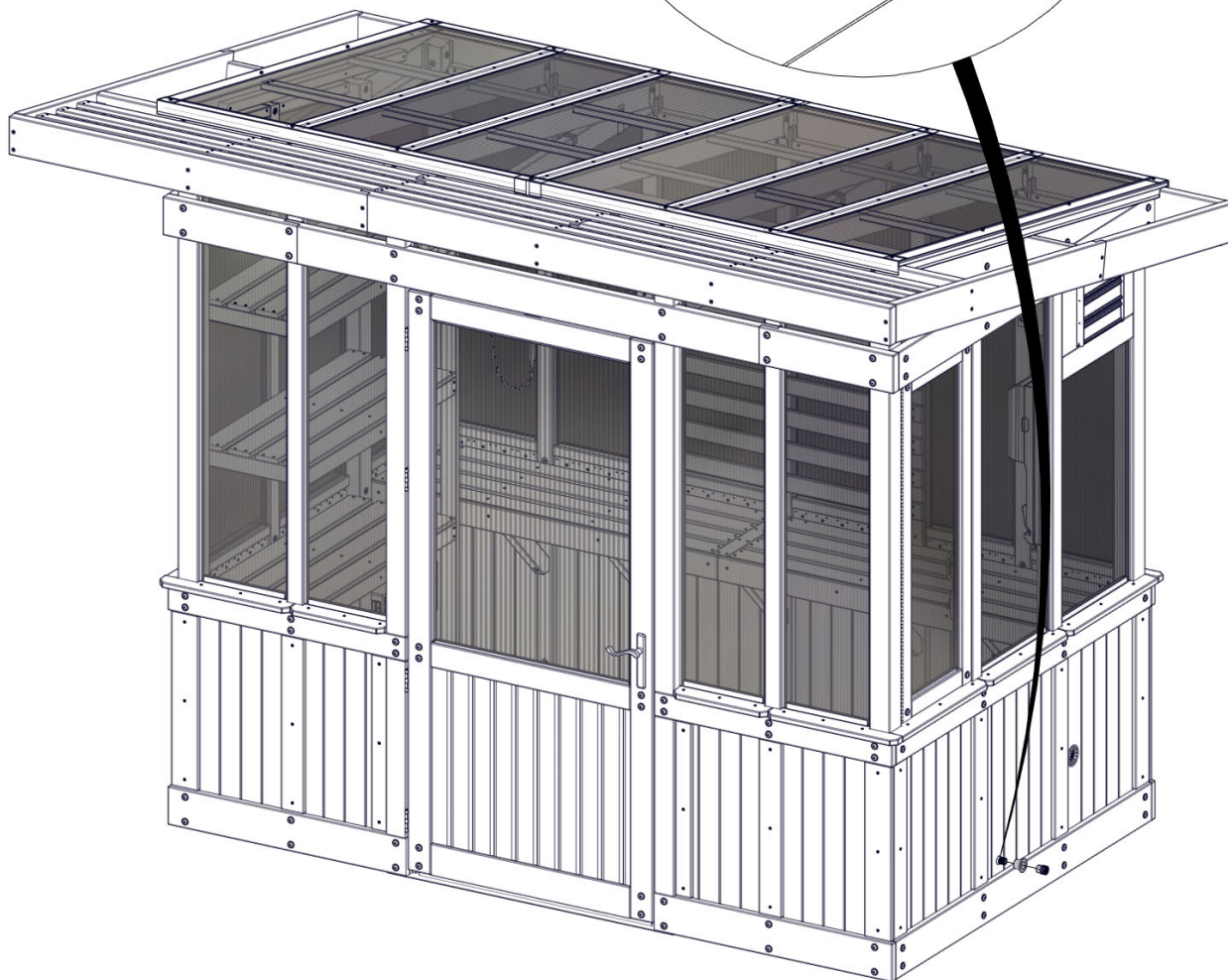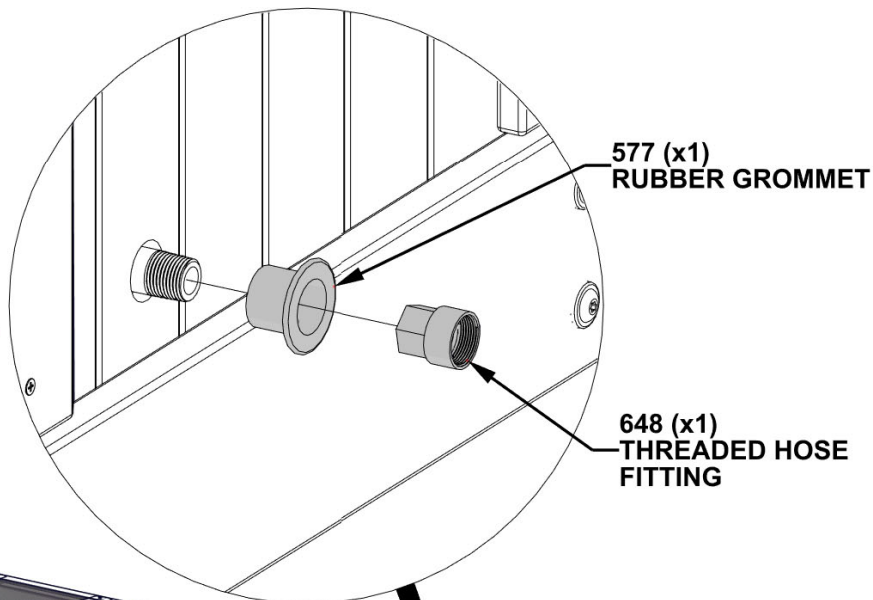
A6P00648   THREADED HOSE FITTING
(x1)

A6P00577   RUBBER GROMMET
(x1)

A6P00809   PLUMBERS TAPE

- PUSH RUBBER GROMMET IN HOLE AROUND THE WATER LINE ASSEMBLY FROM PREVIOUS STEPS.
- USE PLUMBERS TAPE AND WRAP THREADS OF MALE FITTINGS.
- FASTEN THREADED HOSE FITTING.
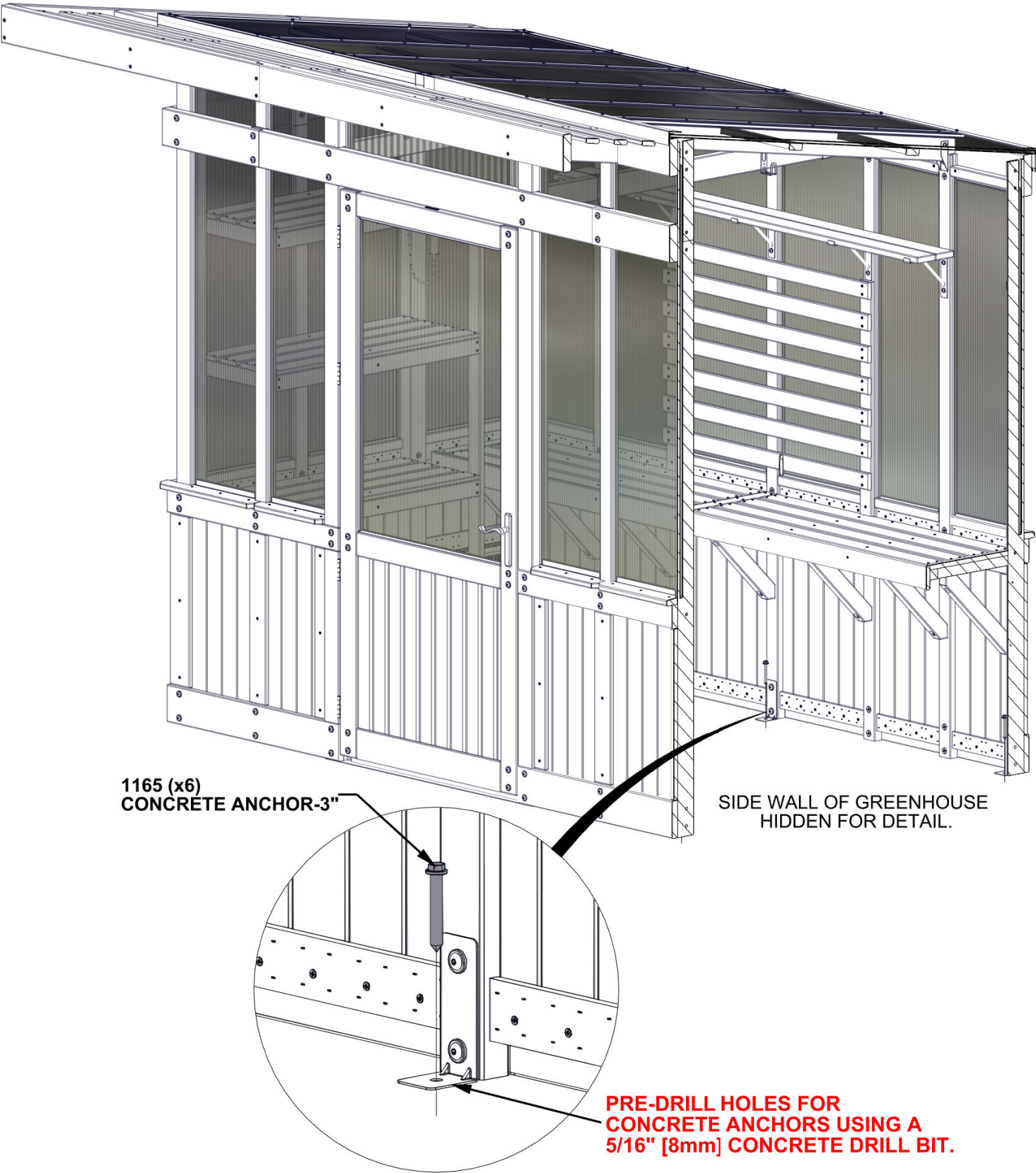
INSTALL RUBBER GROMMET
BEFORE THREADED HOSE FITTING.

577 (x1)
RUBBER GROMMET

648 (x1)
THREADED HOSE
FITTING

STEP 140 - ANCHORING TO CONCRETE

QTY	PART NUMBER	DESCRIPTION
6	H101165	CONCRETE ANCHOR 3/8x3" BLK

IF GREENHOUSE IS NOT ON A CONCRETE SURFACE, SEE STEP 141 FOR ANCHORING STRUCTURE.

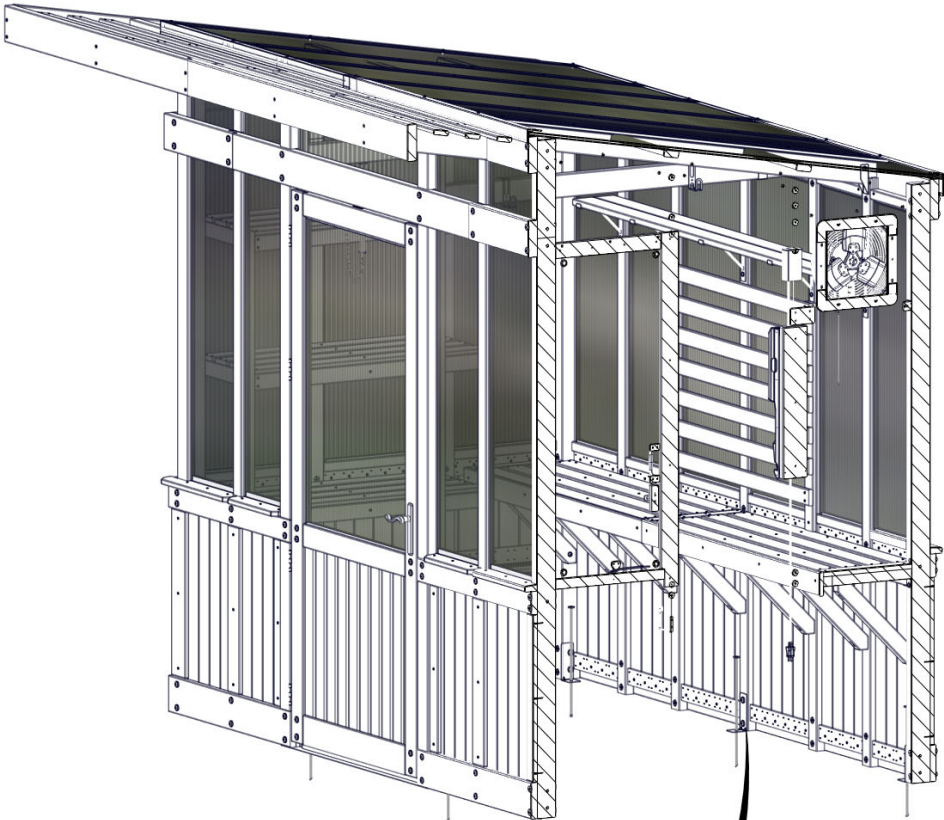**IT IS RECOMMENDED TO ANCHOR YOUR GREENHOUSE INTO CONCRETE PAD OR POSTS.**

**1165 (x6)
CONCRETE ANCHOR-3"**

SIDE WALL OF GREENHOUSE
HIDDEN FOR DETAIL.

**PRE-DRILL HOLES FOR
CONCRETE ANCHORS USING A
5/16" [8mm] CONCRETE DRILL BIT.**

STEP 141 - ANCHORING IN GROUND

A4M02091   GROUND STAKE
(x6)

IF GREENHOUSE IS ON A CONCRETE SURFACE, SEE STEP 140 FOR ANCHORING STRUCTURE.

SIDE WALL OF GREENHOUSE
HIDDEN FOR DETAIL.

2091 (x6)
GROUND STAKE
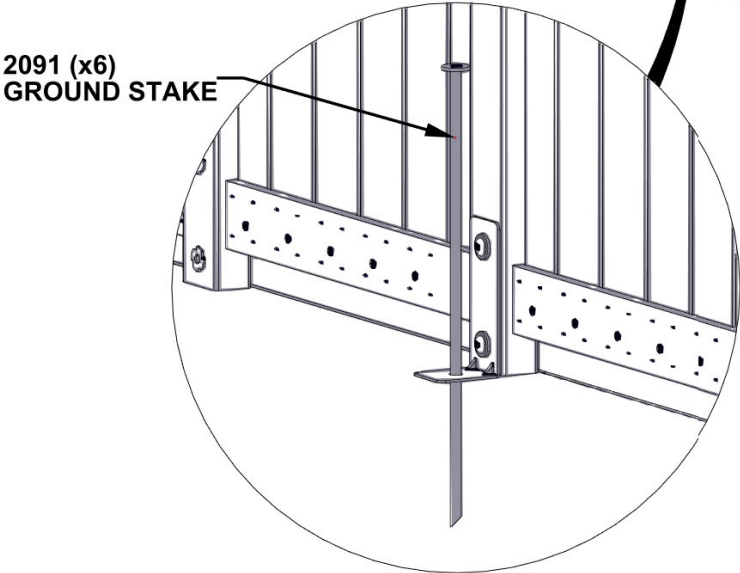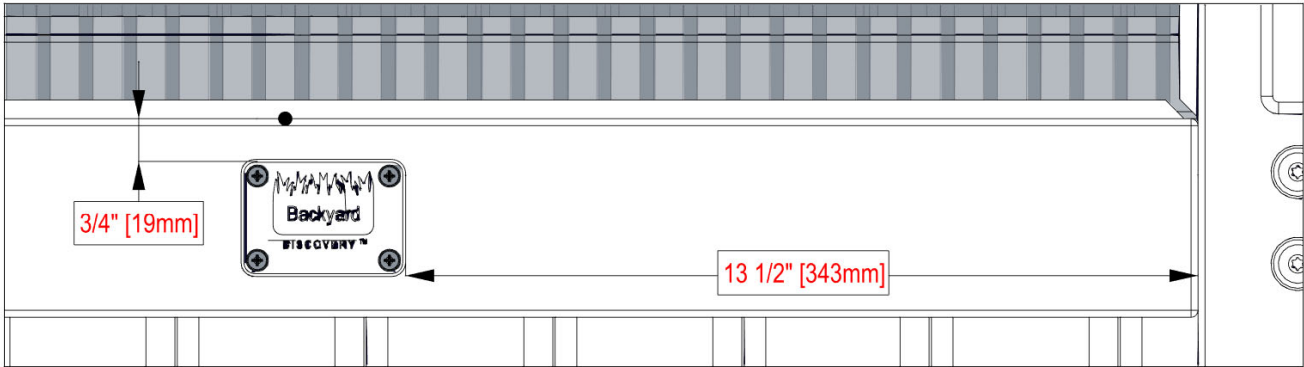
STEP 142 - DOOR ASSEMBLY

QTY	PART NUMBER	DESCRIPTION
4	H100202	SCREW PWH 8x5/8 BLK

A4M02158   BYD ID TAG PATIO
(x1)

3/4" [19mm]

13 1/2" [343mm]
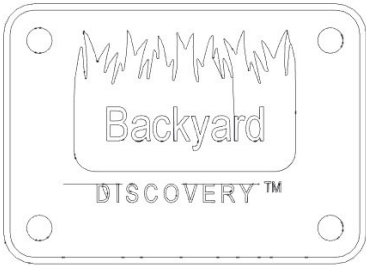
CENTER ID TAG ON BOARD WITH MEASUREMENTS GIVEN.

202 (x4)
SCREW - 5/8"

2158 (x1)
BYD ID TAG PATIO