

NORDWOOD TWIN

Two glass wings joined by a walk-through connector, 429 sq ft under glass

27′ 7¾″ × 17′ 9⅝″	429 sq ft	9′ 5⅜″	4	8
FOOTPRINT	FLOOR AREA	RIDGE HEIGHT	DOUBLE DOORS	ROOF VENTS

YOURGREENHOUSES
NORDWOOD COLLECTION

PROJECT
Nordwood Twin Greenhouse
Two wings joined by a glass connector

FOOTPRINT
27′ 7¾″ × 17′ 9⅝″
429 sq ft floor area

CONFIGURATION
2 wings + connector
4 double doors · 8 roof vents

DESIGN LOADS
Wind 115 mph · Snow 51 psf
Wind rating and roof snow load

SHEET INDEX

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A1.1	Foundation & site plan
A1.2	Roof plan
A2.0	Elevations
A3.0	Sections
A4.0	3D views
A5.0	Specification & notes
A6.0	Timber & treatment

ISSUE
Client drawings · Rev C
Prepared for client review.
Dimensions in feet and inches.

DATE
2026-11-18

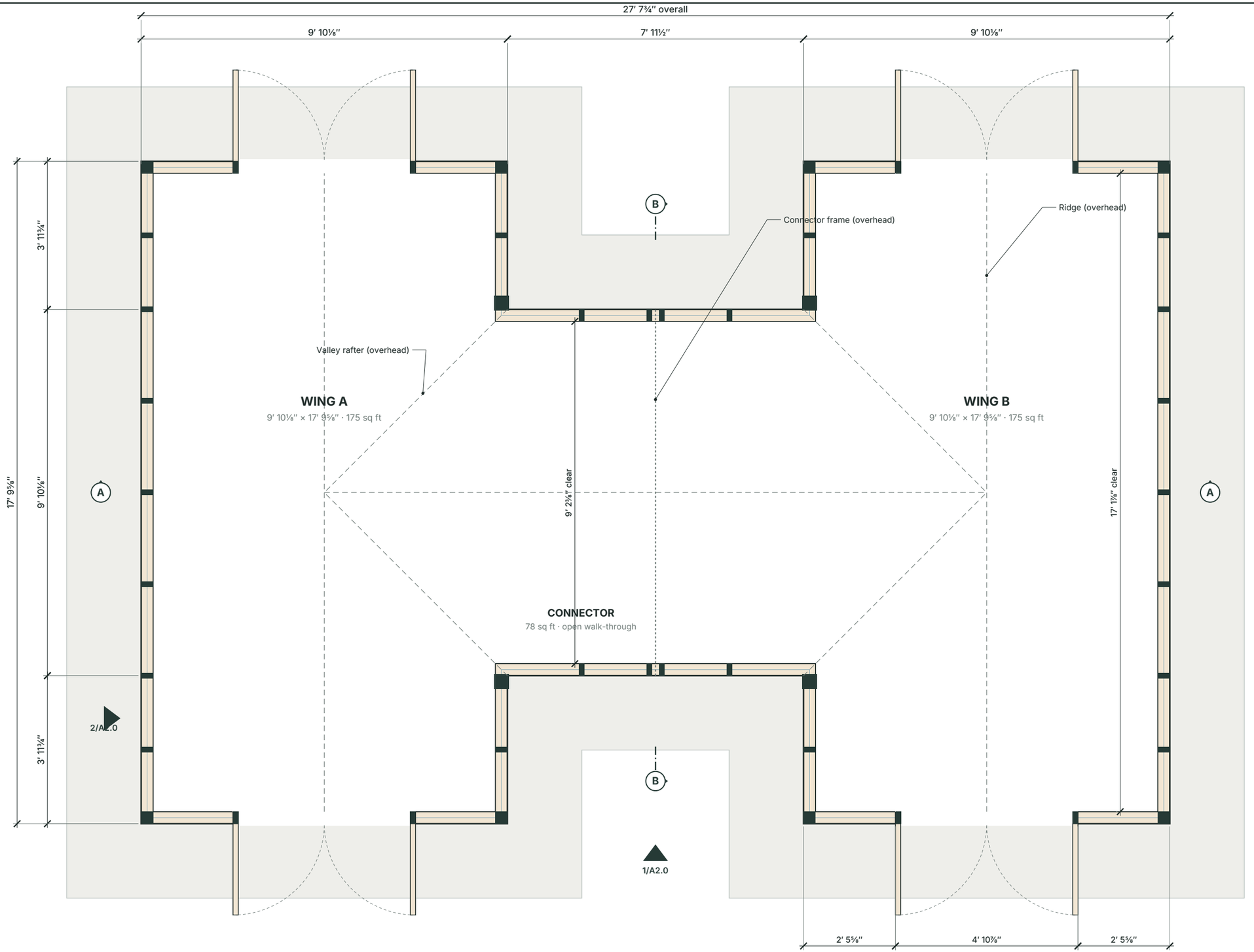
UNITS
ft-in

DRAWN
YourGreenhouses

SCALE
As noted

SHEET
COVER & PROJECT DATA

A0.0



1 FLOOR PLAN

Scale 3/8″ = 1′-0″ on 17×11 sheet · dashed = overhead roof members

Timber frame / boarded knee wall · Post · Concrete pad, 4″, 2′ beyond walls

Glazing line · Overhead (ridge, valleys)

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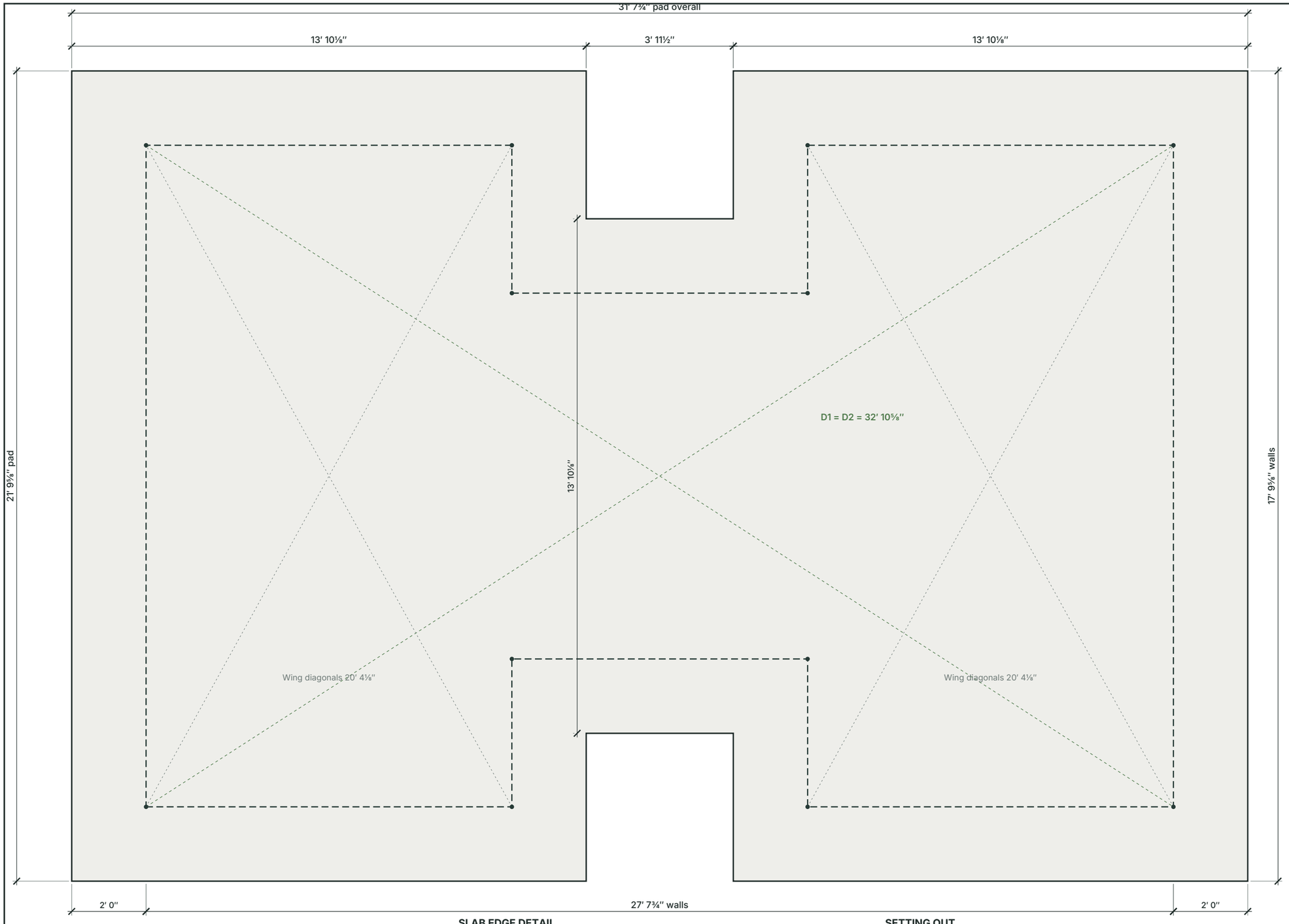
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SHEET

FLOOR PLAN

A1.0



SLAB EDGE DETAIL



Foundation beam 3.7 × 1.8″ anchored to slab
4″ concrete slab, level both ways
Edge 2′ 0″ beyond walls

SETTING OUT

1. Mark the 12 wall corners (dots) from the dimensions.
2. Check D1 = D2 and both wing diagonals.
3. Pour the slab level in both directions.
4. Anchors depend on your base and are not included.

1 FOUNDATION & SITE PLAN
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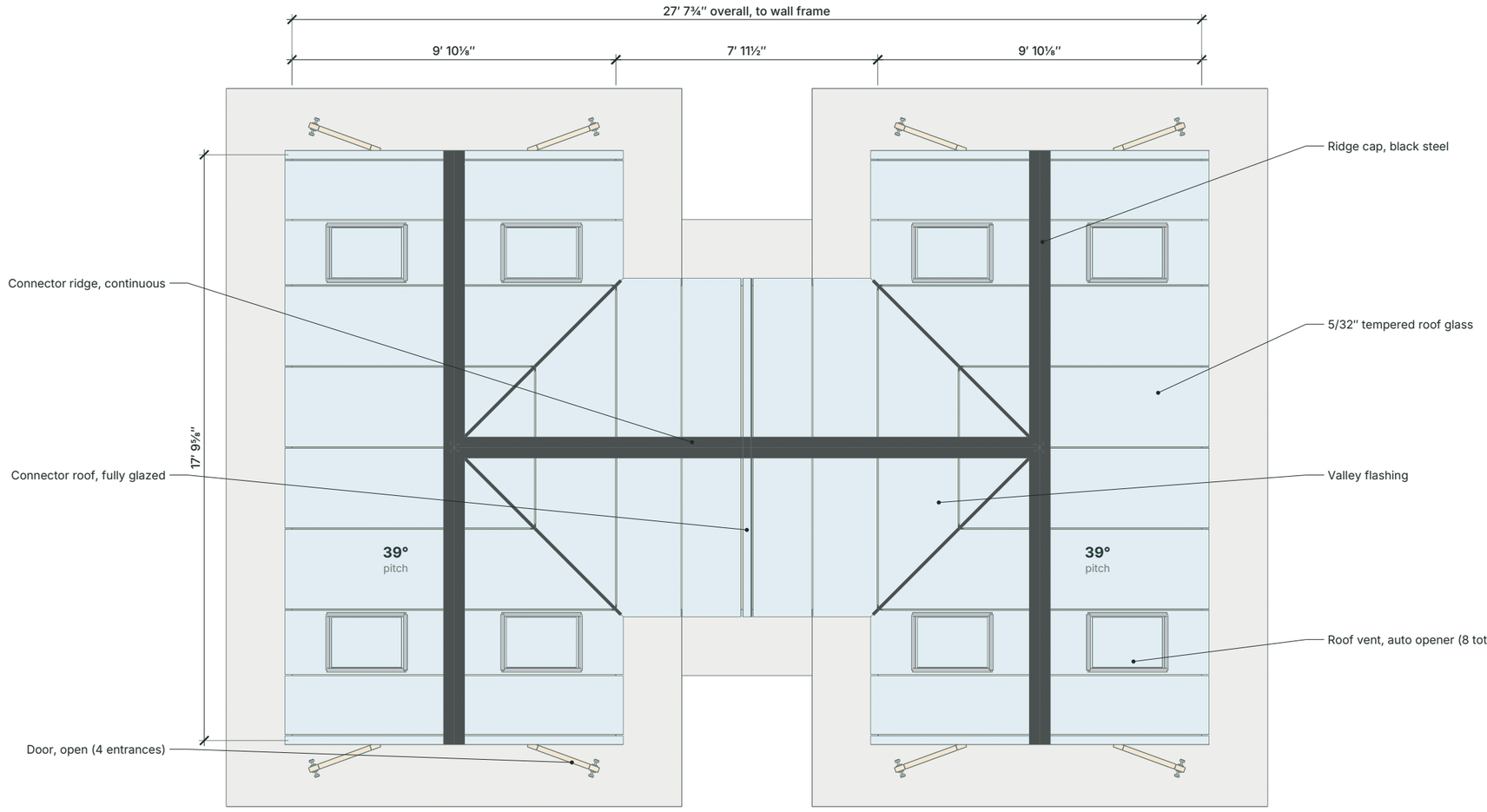
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FOUNDATION & SITE PLAN

A1.1



1 **ROOF PLAN**
Scale 1/4″ = 1′-0″ on 17×11 sheet

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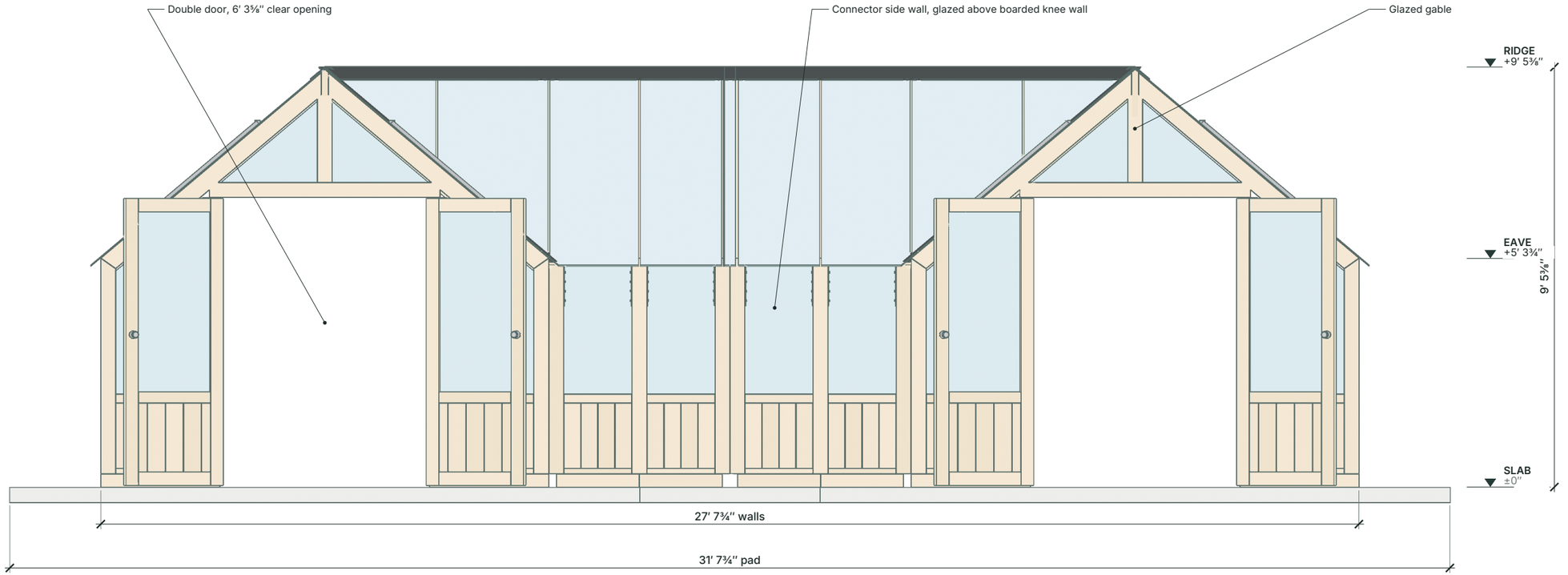
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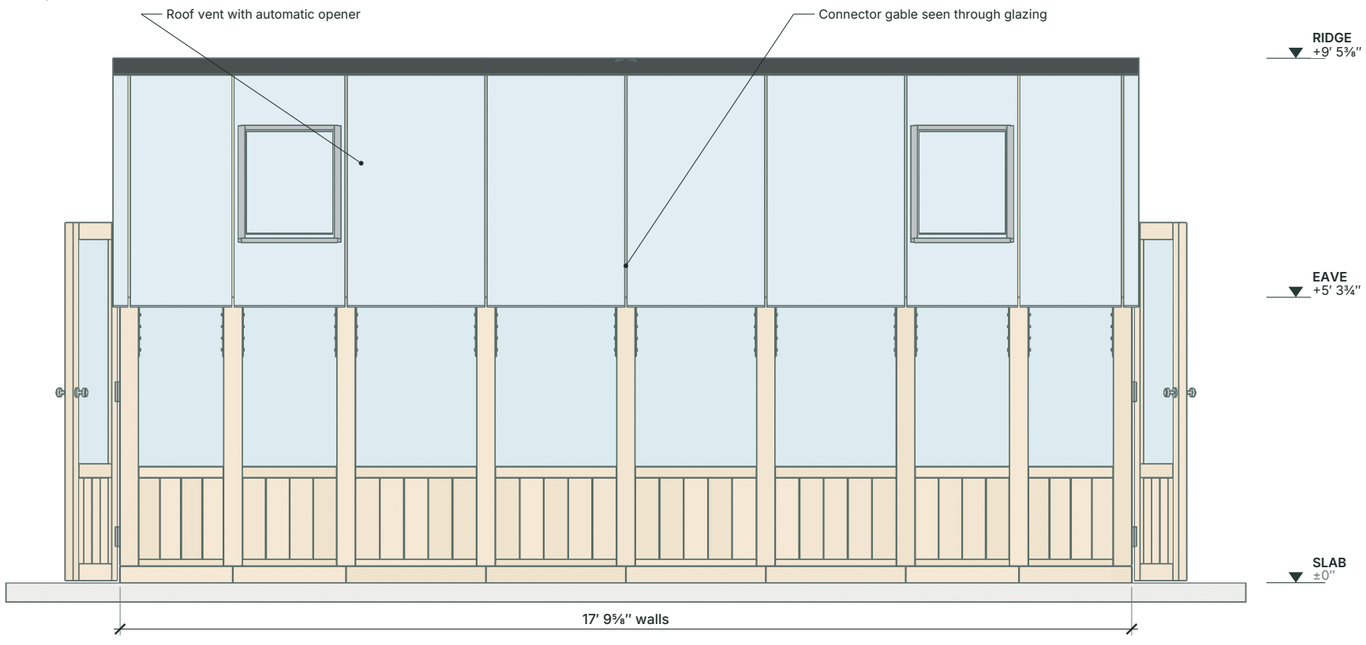
SHEET
ROOF PLAN

A1.2



1 FRONT ELEVATION (REAR IS IDENTICAL)

Scale 3/8″ = 1′-0″ on 17×11 sheet



2 SIDE ELEVATION (BOTH SIDES IDENTICAL)

Scale 3/8″ = 1′-0″ on 17×11 sheet

HEIGHTS

Ridge (top of cap)	9′ 5⅛″
Wall height (top of wall frame)	5′ 3¼″
Door clear height	6′ 3⅜″
Knee wall (boarded)	1′ 3⅜″
Roof pitch	39°
Wind rating	115 mph
Snow load	51 psf

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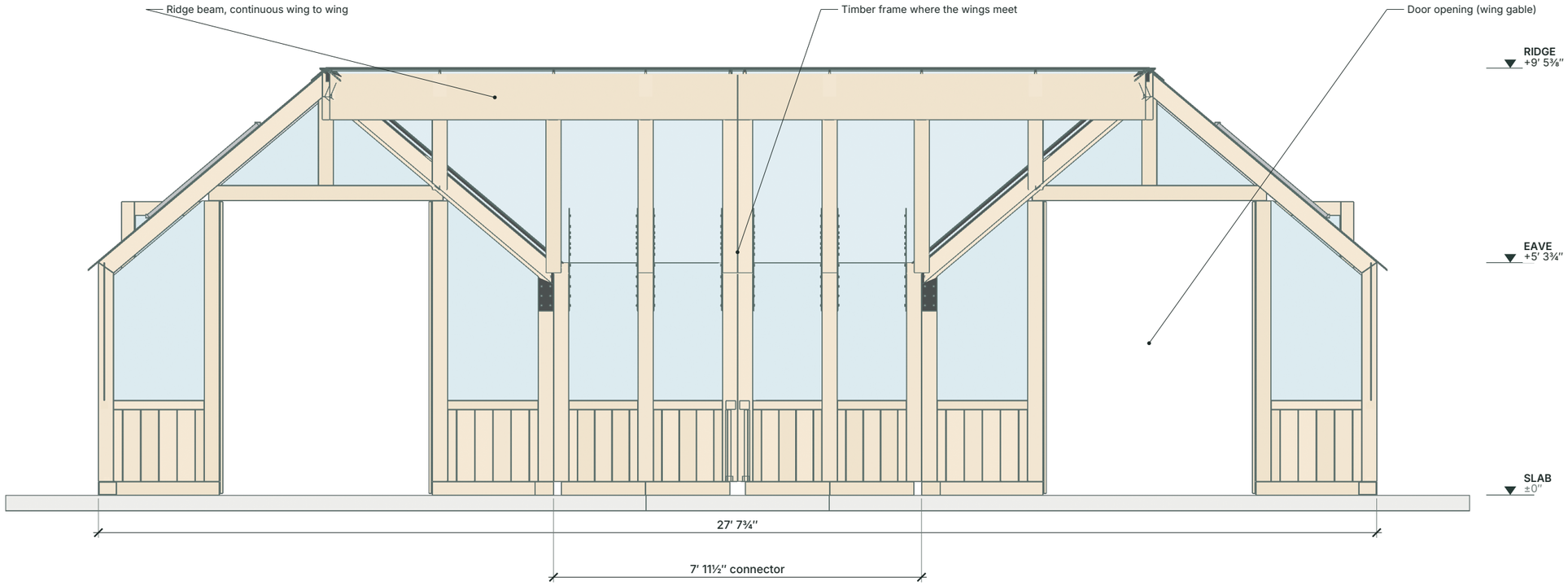
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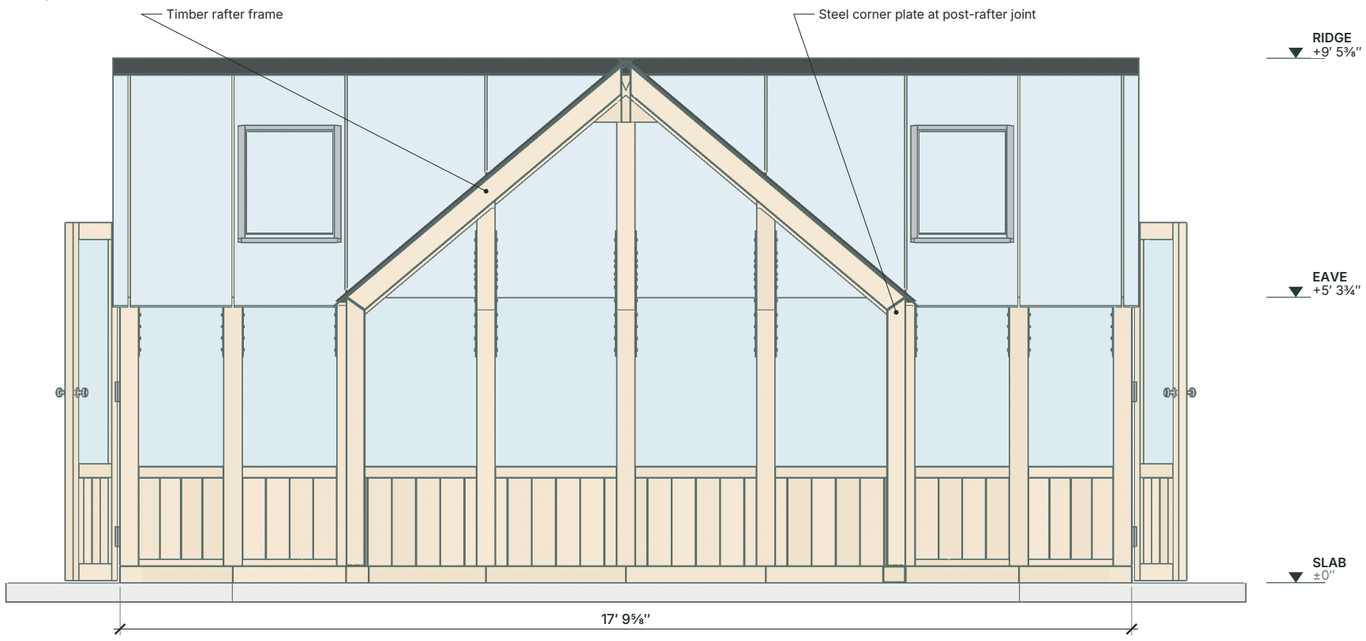
ELEVATIONS

A2.0



A SECTION A-A, ALONG THE RIDGE

Scale 3/8″ = 1′-0″ on 17×11 sheet



B SECTION B-B, THROUGH THE CONNECTOR

Scale 3/8″ = 1′-0″ on 17×11 sheet

THE CONNECTOR

An open walk-through joining both wings, with no door and no threshold.

Glass roof and ridge run continuously from wing to wing.

Clear width 9′ 2⅜″, length 7′ 11½″.

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SECTIONS

A3.0



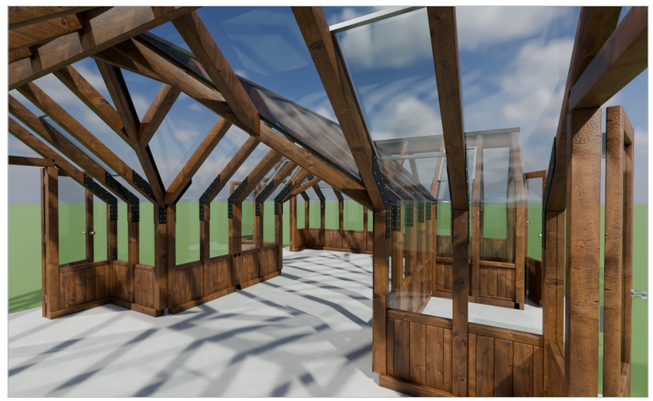
1 Front three-quarter view



2 Aerial view



3 Three-quarter view, opposite corner



4 Interior, wing to connector

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SHEET
3D VIEWS

A4.0

SPECIFICATION

Footprint (walls)	27′ 7¾″ × 17′ 9⅝″
Floor area	429 sq ft
Wings	2 × 9′ 10⅛″ wide, 17′ 9⅝″ long
Connector	7′ 11½″ long, 9′ 10⅛″ wide, open walk-through
Ridge height	9′ 5⅜″
Wall height	5′ 3¾″
Roof pitch	39°
Entrances	4 double doors, 4′ 10⅞″ opening, 6′ 3⅝″ clear height
Roof vents	8, with automatic openers
Glazing & frame	5/32″ tempered safety glass, factory-treated solid timber
Wind rating	115 mph
Snow load	51 psf

WHAT'S INCLUDED

- Pre-cut timber frame, rafters and ridge beams
- Boarded wall elements and glazing slats
- All tempered glass for walls, gables and roof
- 4 double doors with locks, handles and door holders
- 8 roof vents with automatic openers
- Ridge caps, valley flashings and wall gutters
- All screws, bolts and fittings
- Step-by-step installation manual

SITE PREPARATION

- Level concrete slab, 4″ thick, H-shaped (sheet A1.1)
- Slab extends 2′ 0″ beyond the walls on every side
- Slab size 31′ 7¾″ × 21′ 9⅝″
- Clear, level access around the site for assembly
- Not included: concrete, anchors, silicone

GENERAL NOTES

Dimensions are to the outside face of the timber frame unless noted. Written dimensions govern; do not scale.

Rear elevation is identical to the front elevation.

Doors are shown open. Roof vents open automatically with temperature.

Treat the timber with an outdoor wood oil or stain that is safe for plants to keep its color.

Renderings are for illustration. Final finish and landscaping may vary.

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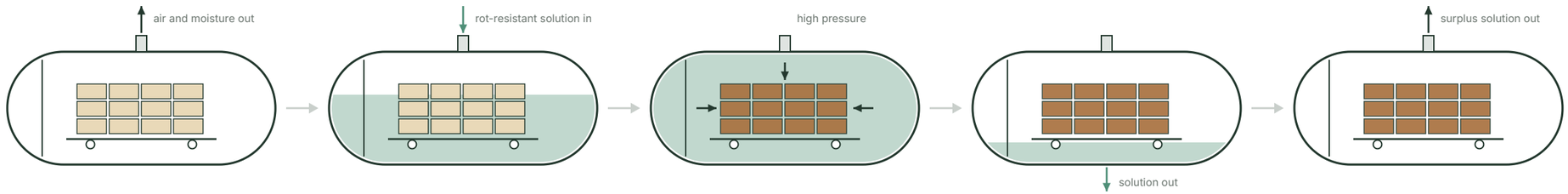
SHEET
SPECIFICATION & NOTES

A5.0

TIMBER & PRESSURE TREATMENT

Every wooden part of the Nordwood Twin Greenhouse is solid Nordic spruce, pressure-treated at the factory before it is packed. The rot-resistant treatment is not painted on: vacuum and pressure carry it deep into the wood, which is what lets a timber frame stand outdoors for decades.

THE PROCESS, IN FIVE STEPS



1 PRE-VACUUM

The timber goes into the sealed tank. A vacuum draws air and moisture out of the wood cells.

2 FLOODING

Still under vacuum, the tank fills with the rot-resistant solution.

3 PRESSURE

Hydraulic pressure presses the solution deep into the empty cells.

4 DRAINING

The tank is emptied. The rot-resistant treatment stays inside the wood.

5 FINAL VACUUM

A last vacuum pulls surplus solution off the surface, so the timber leaves the tank touch-dry.

WHY THE TIMBER IS TREATED

- Bare timber outdoors is open to insects, damp and fungi; left alone it greys, stains blue and grows mould.
- Pressure treatment protects against insects, rot and fungal decay.
- It also gives early protection against blue stain and mould.
- The protection sits deep in the wood, not in a coat on top, so a scratch does not open the timber up.

THE ROT-RESISTANT TREATMENT

- Water-borne, chromium-free copper-organics salt concentrate (density ~1.27 g/cm³).
- The brown tone is added to the solution and goes in during the same cycle.
- Treated to European Standard EN 351-1 for rot-resistant treated timber.
- Every frame part is treated after cutting, so cut ends and joints are protected too.

WHAT YOU MAY SEE ON NEW TIMBER

- Lighter marks where packing tape or slats sat against the timber: the brown pigment reaches tightly packed faces less easily.
- Slight tone differences between parts, from daylight on the timber before treatment.
- Pale traces of treatment salts on the surface as the wood dries.
- All of it evens out in the first seasons outdoors. The protection is the same across every part.

Brown pressure-treated finish. Tone varies slightly from part to part.

HOW IT AGES, AND CARE

- Sunlight slowly turns treated timber to a bronze tone and, after some years, towards silver-grey.
- To keep the brown, re-coat with an outdoor wood oil or stain that is safe for plants.
- Small cracks and resin spots are natural in solid spruce and do not affect strength.

WHERE THE TIMBER COMES FROM

- Solid Nordic spruce, slow-grown in northern forests for a tight, strong grain.
- 100% of the timber comes from responsibly managed, renewable forests, where harvested trees are replanted.
- Wood is a renewable building material that stores carbon for the life of the frame.

STANDARD

Rot-resistant treatment to European Standard EN 351-1.

ROT-RESISTANT TREATMENT

Water-borne, chromium-free copper-organics salt concentrate, pressed deep into the wood under vacuum and pressure.

TIMBER

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