

NORDWOOD GREENHOUSE

A 9′ 10⅛″ main hall with a glazed side wing, three sets of double doors, 206 sq ft under glass

13′ 9⅞″ × 17′ 9⅝″	206 sq ft	9′ 5⅜″	3	4	115 mph	51 psf
FOOTPRINT	FLOOR AREA	RIDGE HEIGHT	DOUBLE DOORS	ROOF WINDOWS	WIND RATING	SNOW LOAD

YourGreenHouses

NORDWOOD COLLECTION

PROJECT

Nordwood Greenhouse

T-shaped glass house, main hall with a side wing

FOOTPRINT

13′ 9⅞″ × 17′ 9⅝″

206 sq ft floor area

CONFIGURATION

Main hall + side wing

3 double doors · 4 roof windows

DESIGN LOADS

Wind 115 mph · Snow 51 psf

Wind rating and roof snow load

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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

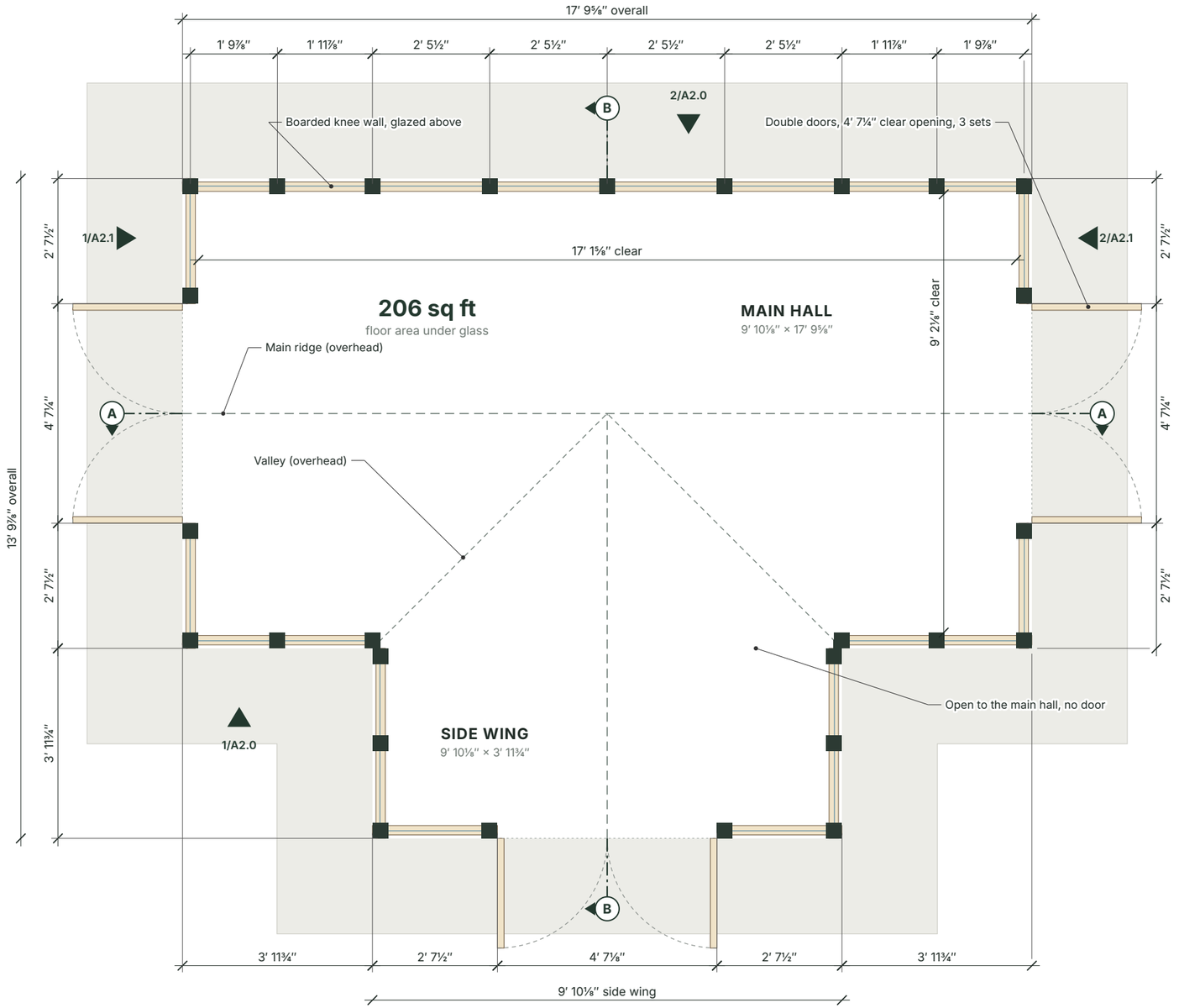
DRAWN YourGreenHouses

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 · Glazing line · Overhead (ridge, valleys) · Concrete pad, 2′ beyond walls (by owner)

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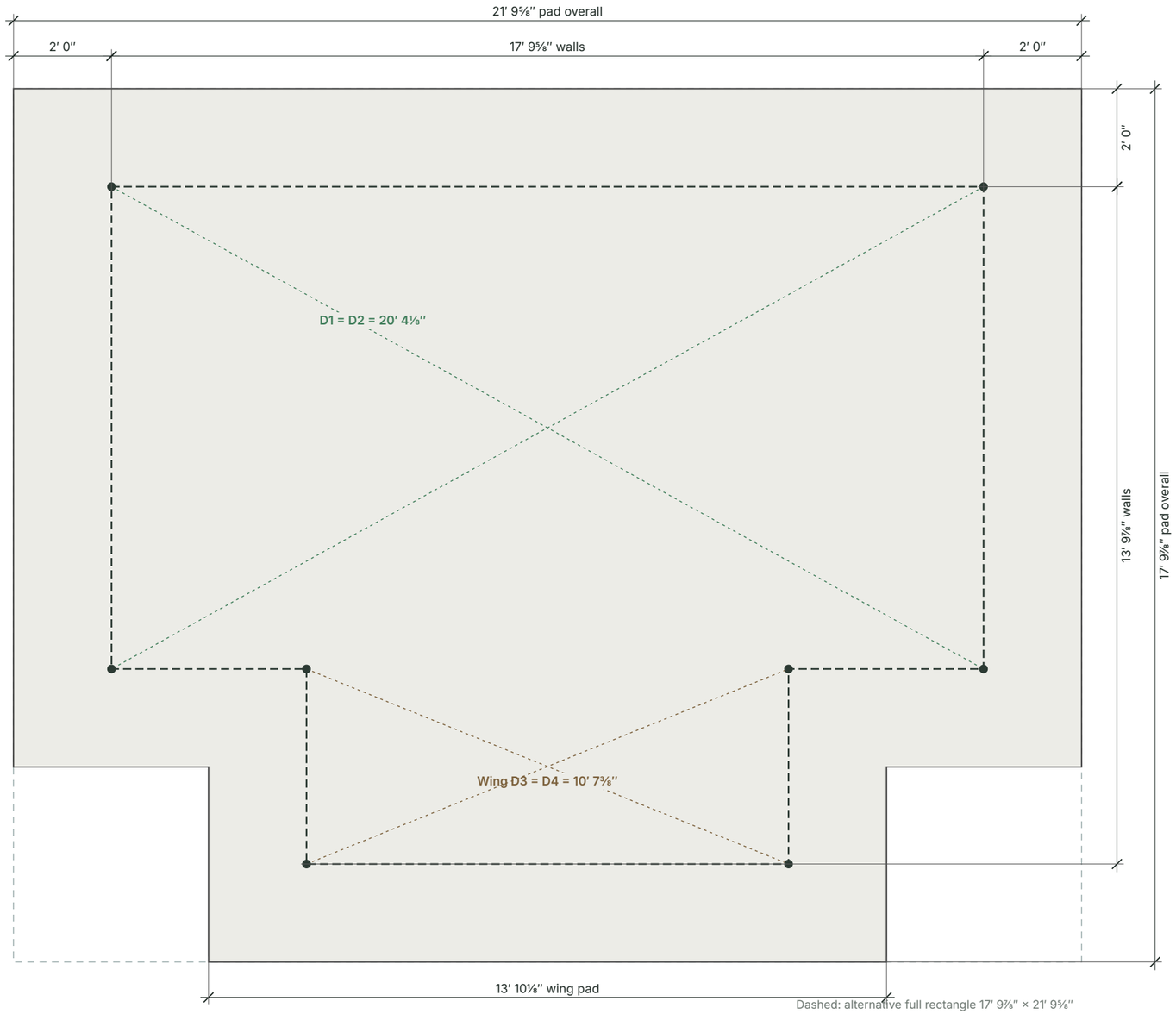
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SHEET

FLOOR PLAN

A1.0



1 FOUNDATION & SITE PLAN

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SLAB EDGE DETAIL



Foundation beam, 3⅜″ high, screwed to the slab
Concrete slab 4″ to 6″, flat and level end to end
Slab edge 2′ 0″ beyond the walls on every side

SETTING OUT

1. Mark the 8 wall corners (dots) from the dimensions.
2. Check D1 = D2 for the hall and D3 = D4 for the wing.
3. Pour the slab level in both directions.
4. The frame screws down: no ground anchors, fixings included.

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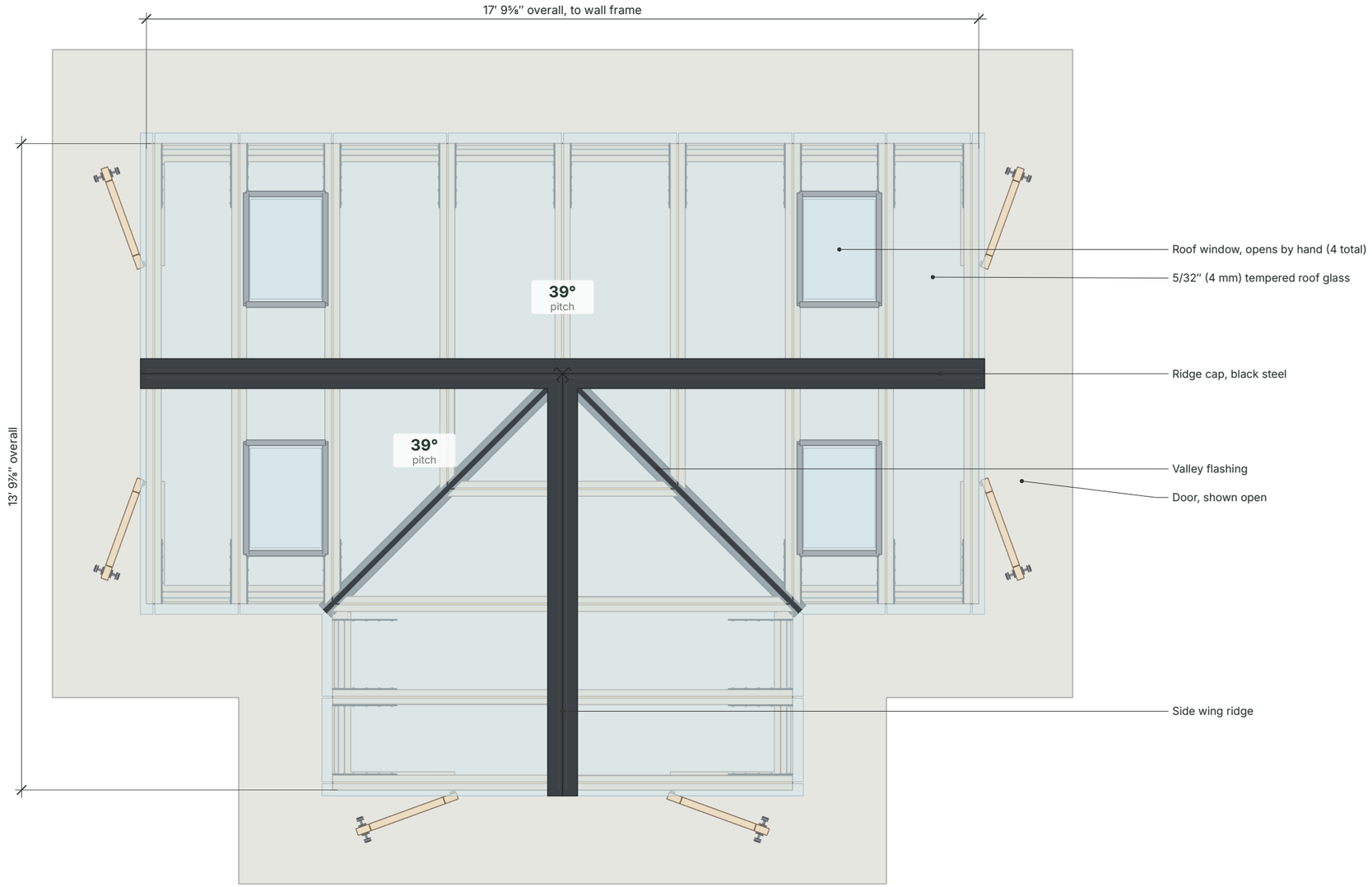
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ft-in

DRAWN
YourGreenHouses

SCALE
As noted

SHEET
FOUNDATION & SITE PLAN

A1.1



1 ROOF PLAN

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The kit includes the roof windows, opened by hand. Automatic window openers are an optional upgrade.

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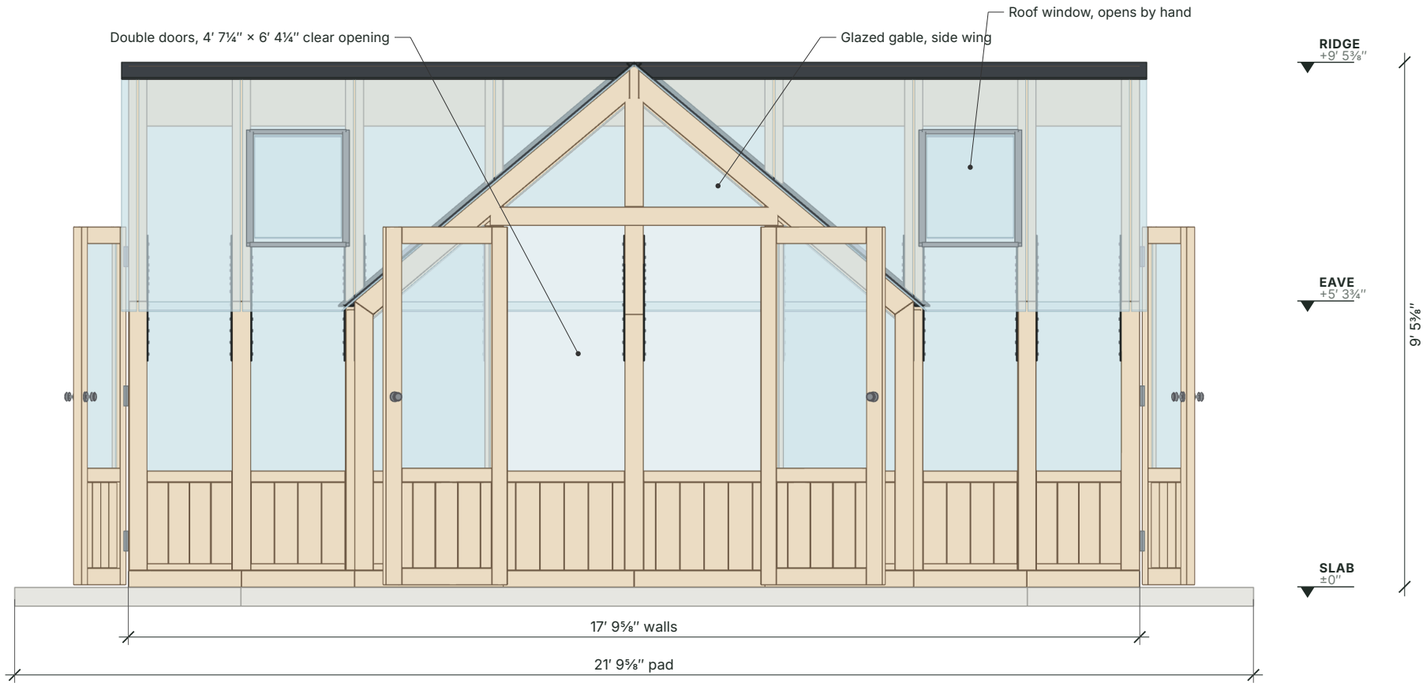
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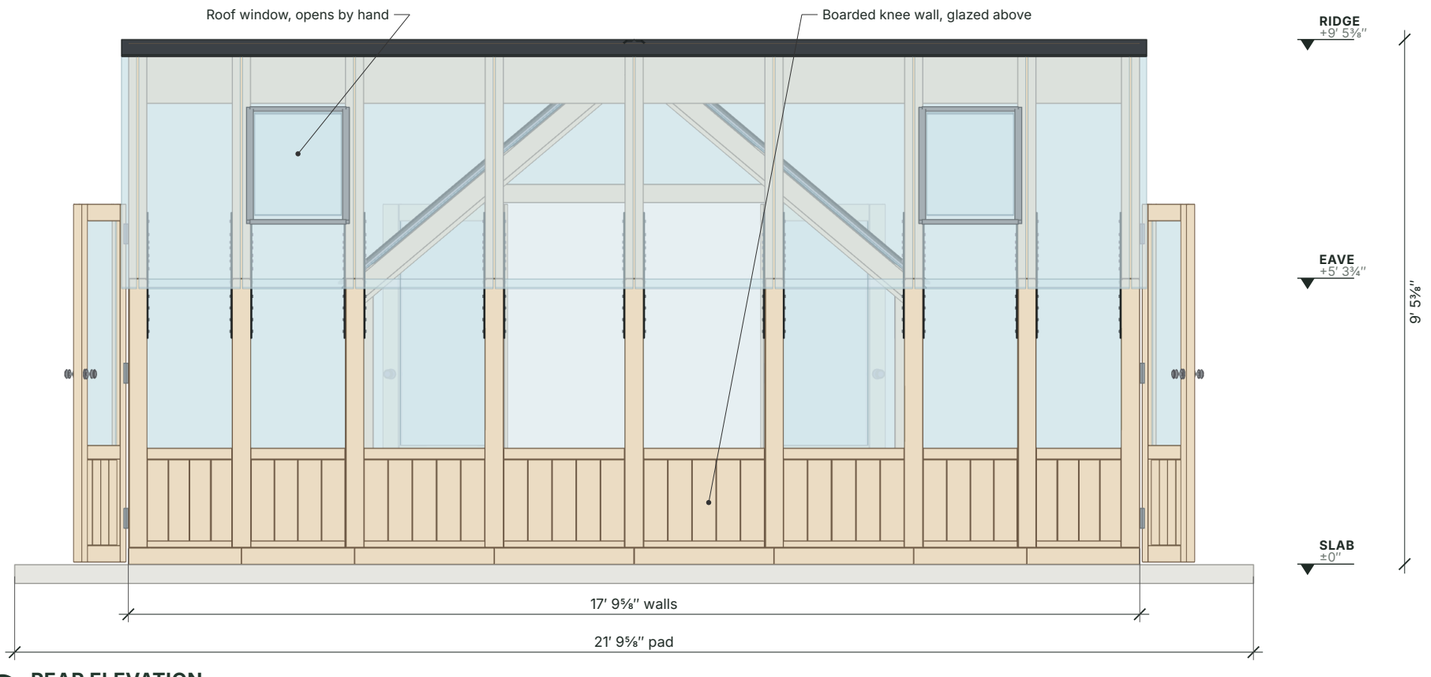
ROOF PLAN

A1.2



1 FRONT ELEVATION (WING SIDE)

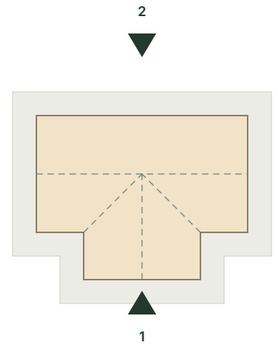
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2 REAR ELEVATION

Scale 3/8″ = 1′-0″ on 17×11 sheet

KEY PLAN



HEIGHTS

Ridge (top of cap)	9′ 5⅝″
Wall height (top of wall frame)	5′ 3¼″
Door clear height	6′ 4¼″
Knee wall sill	2′ 0⅝″
Foundation beam	3⅝″
Roof pitch	39°
Wind rating	115 mph
Snow load	51 psf

Heights from the top of the slab.

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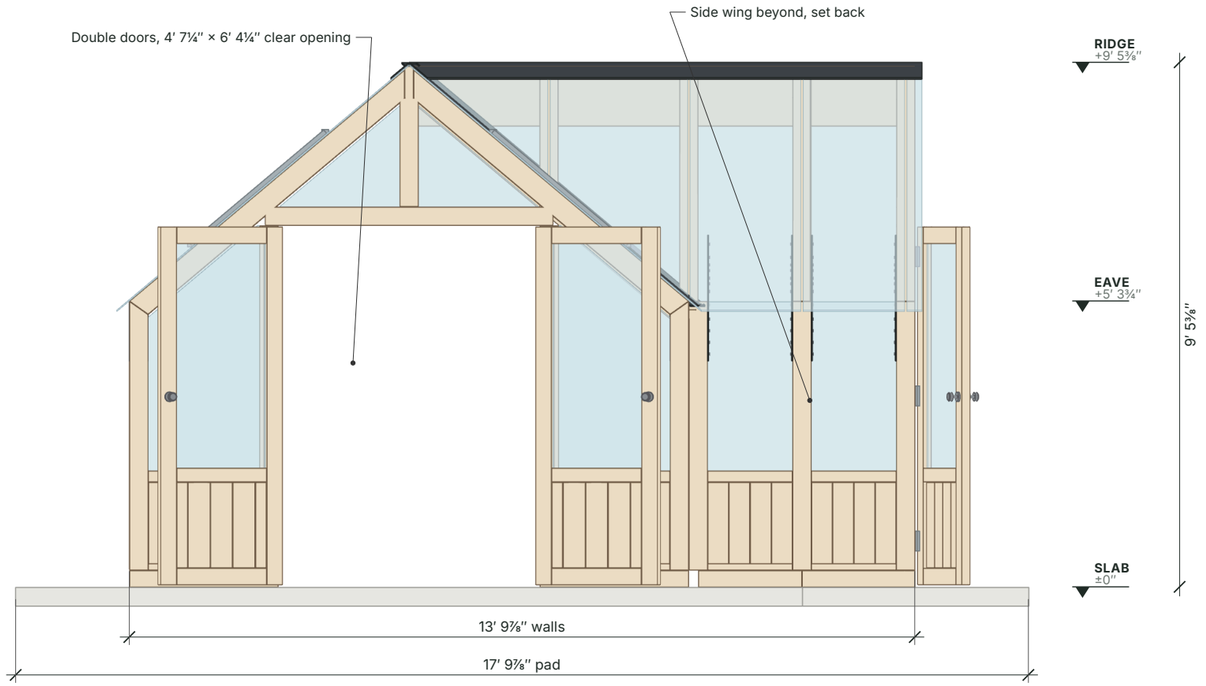
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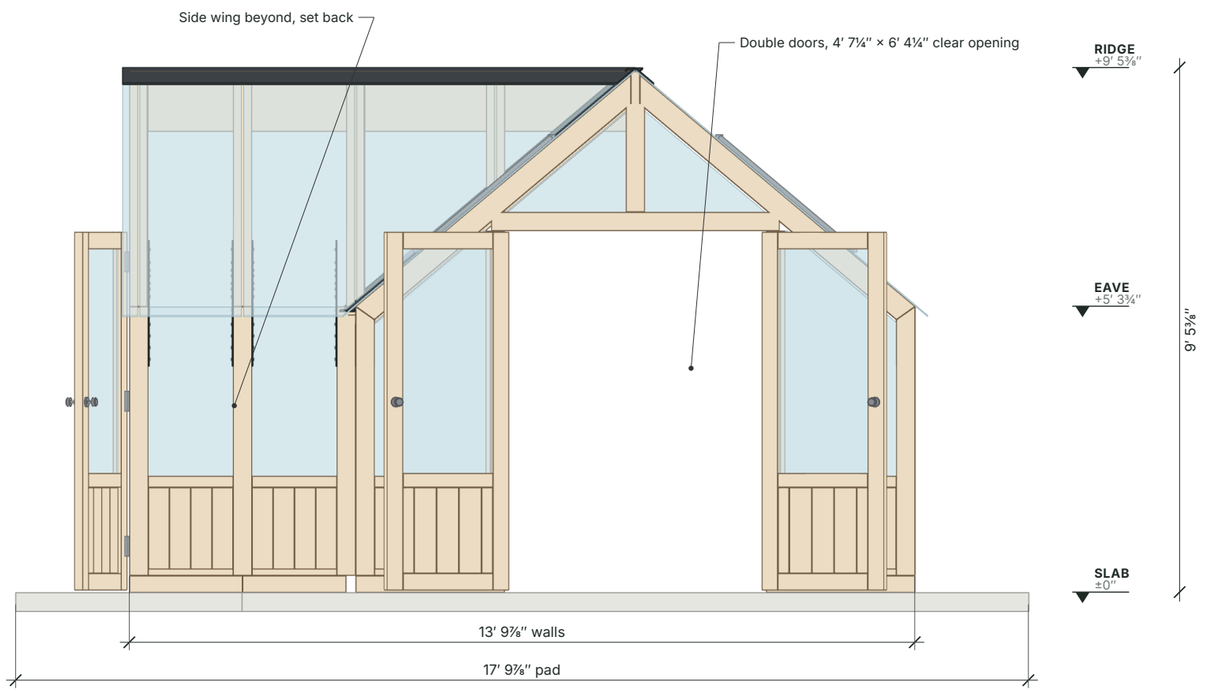
ELEVATIONS, FRONT & REAR

A2.0



1 LEFT END ELEVATION

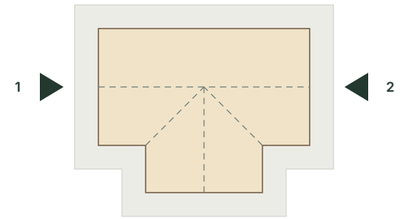
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2 RIGHT END ELEVATION

Scale 3/8″ = 1′-0″ on 17×11 sheet

KEY PLAN



WALLS

Posts on a 2′ 5½″ grid along the sides.
Boarded knee wall to 2′ 0⅝″, glass above.
5/32″ (4 mm) clear tempered safety glass.

ROOF

39° pitch, glass on both slopes.
4 roof windows, opened by hand.
Automatic openers are an optional upgrade.

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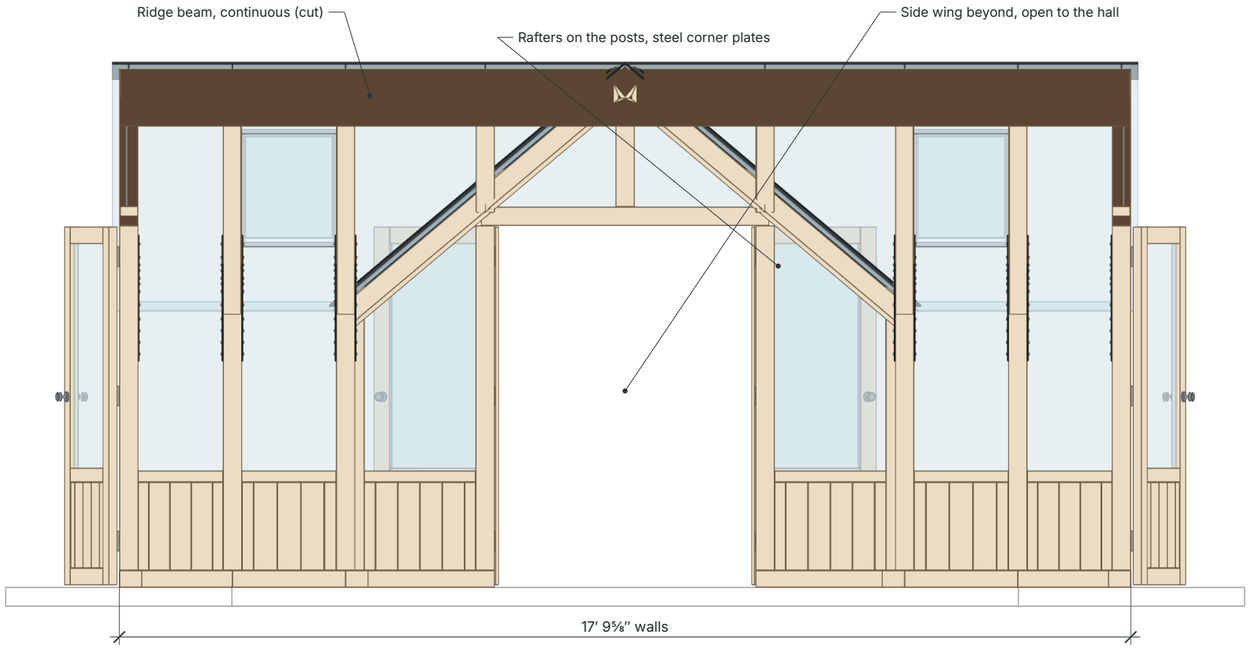
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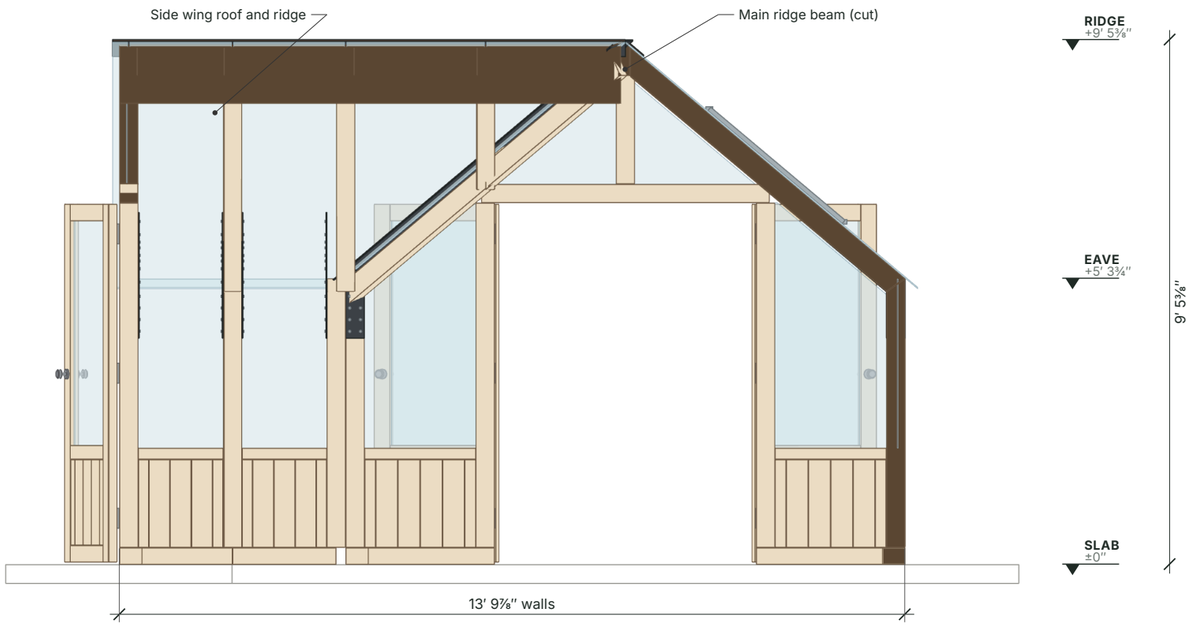
ELEVATIONS, SIDES

A2.1



A SECTION A-A, ALONG THE MAIN RIDGE

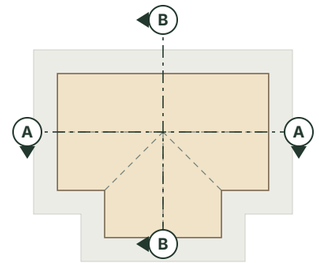
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B SECTION B-B, THROUGH THE SIDE WING

Scale 3/8″ = 1′-0″ on 17×11 sheet

KEY PLAN



THE FRAME

Posts on a 2′ 5½″ grid carry the rafters
and a continuous ridge beam.
Steel corner plates join posts and rafters.

CLEAR SIZES

Clear width inside the posts 9′ 2⅛″.
Door clear height 6′ 4¼″.
Knee wall sill 2′ 0⅝″ above the slab.

THE SIDE WING

Open to the main hall: no door, no threshold.
Its ridge meets the main ridge;
valley flashings close the joint.

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SECTIONS

A3.0



1 Front three-quarter view



2 Aerial view



3 Three-quarter view, opposite corner



4 Interior view

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3D VIEWS

A4.0

SPECIFICATION

Footprint (walls)	13′ 9⅞″ × 17′ 9⅝″
Floor area	206 sq ft (19.1 m²)
Main hall	9′ 10⅛″ wide, 17′ 9⅝″ long
Side wing	9′ 10⅛″ wide, projects 3′ 11¾″
Overall roof	13′ 11½″ × 18′ 3½″
Ridge height	9′ 5⅜″
Wall height	5′ 3¾″
Roof pitch	39°
Entrances	3 double doors, 4′ 7¼″ × 6′ 4¼″ clear
Roof windows	4, opened by hand
Glazing	5/32″ (4 mm) clear tempered safety glass
Frame	Pressure-treated Nordic spruce, hand-finished
Knee wall	Boarded timber, sill 2′ 0⅝″ above slab
Package weight	2,425 lbs
Warranty	5-year limited, wood frame and glass
Wind rating	115 mph
Snow load	51 psf

WHAT'S INCLUDED

- Pre-cut, labelled natural wood frame: posts, rafters and ridge beam
- All toughened safety glass for walls, gables and roof
- 3 sets of double hinged doors with handles and latches
- 4 roof windows, opened by hand
- Ridge caps and valley flashings, ridge and base fixings
- Step-by-step assembly manual

OPTIONAL UPGRADES

- Automatic window openers
- Deeper wood treatment
- Premium door hardware

Sold on the product page. The kit also works with raised gardening beds.

NOT INCLUDED

- Foundation: a concrete pad, a deck or a paved surface

SITE PREPARATION

- Concrete pad 4″ to 6″ deep, or a deck or paved surface
- Pad size: footprint plus 2′ on every side, 17′ 9⅞″ × 21′ 9⅝″ (T-shaped, sheet A1.1)
- Or one full rectangle, 17′ 9⅞″ × 21′ 9⅝″
- Flat and level, end to end
- Screws down, no ground anchors; fixings included
- Clear, level access around the site; two people for the build

GENERAL NOTES

- Dimensions are to the outside face of the timber frame unless noted. Written dimensions govern; do not scale.
- Heights are from the top of the slab. Floor area as stated by the manufacturer.
- Doors are drawn open at 90° on plan. In the 3D views they stand swung back against the walls.
- Most locations need no building permit for a structure of this size, but rules vary: check with your HOA or local authority before you order.
- Renderings are for illustration. Wood tone, finish and landscaping vary.



DELIVERY

Freight truck to your door, one crate, about 2,425 lbs. Free freight delivery in the continental US.

ASSEMBLY

Every part arrives pre-cut and labelled, and the manual goes panel by panel. Plan on two people and a few days: glass is a two-person job.

QUESTIONS

A greenhouse expert answers on a quick call.
+1 201-529-0531 · **hello@yourgreenhouses.com**

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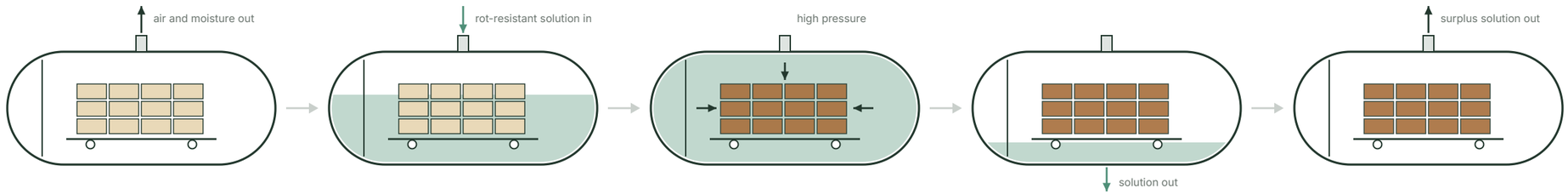
SHEET
SPECIFICATION & NOTES

A5.0

TIMBER & PRESSURE TREATMENT

Every wooden part of the Nordwood 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

100% solid Nordic spruce from responsibly managed, renewable forests.

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