

# NORDWOOD CLASSIC

A classic single-span glass house with gable double doors, 148 sq ft under glass

| 9′ 10″ × 15′ 10″ | 148 sq ft | 9′ 5⅜″ | 1 | 4 | 115 mph | 51 psf |
|---|---|---|---|---|---|---|
| FOOTPRINT | FLOOR AREA | RIDGE HEIGHT | DOUBLE DOORS | ROOF WINDOWS | WIND RATING | SNOW LOAD |

YourGreenHouses

NORDWOOD COLLECTION

PROJECT

**Nordwood Classic Greenhouse**

Single-span glass house, double doors in the gable

FOOTPRINT

**9′ 10″ × 15′ 10″**

148 sq ft floor area

CONFIGURATION

**Single span, gable entrance**

1 double door · 4 roof windows

DESIGN LOADS

**Wind 115 mph · Snow 51 psf**

Wind rating and roof snow load

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ISSUE

**Client drawings · Rev C**

Prepared for client review.
Dimensions in feet and inches.

DATE 2026-11-18

UNITS ft-in

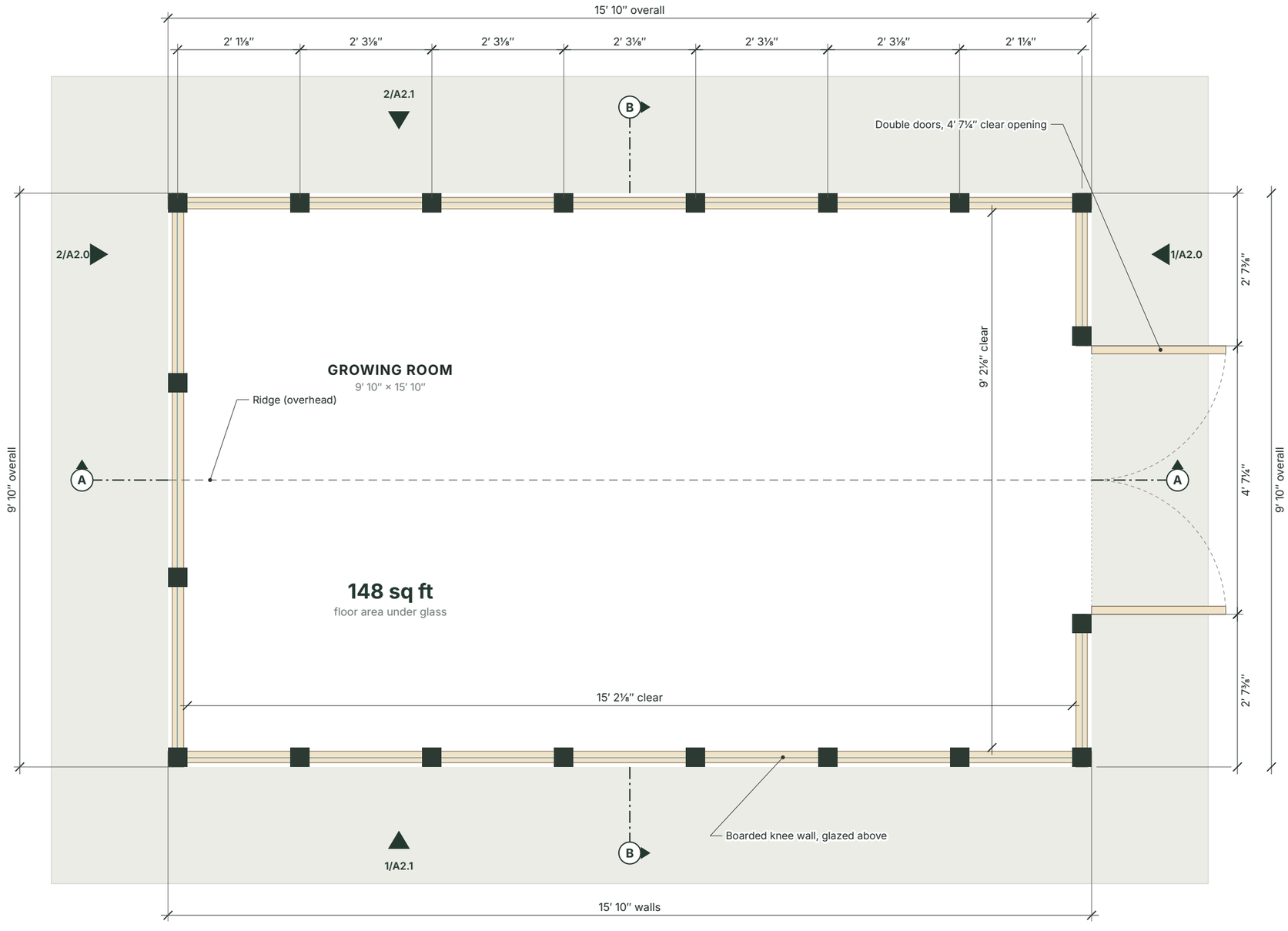
DRAWN YourGreenHouses

SCALE As noted

SHEET

**COVER & PROJECT DATA**

**A0.0**




**1 FLOOR PLAN**

Scale 1/2″ = 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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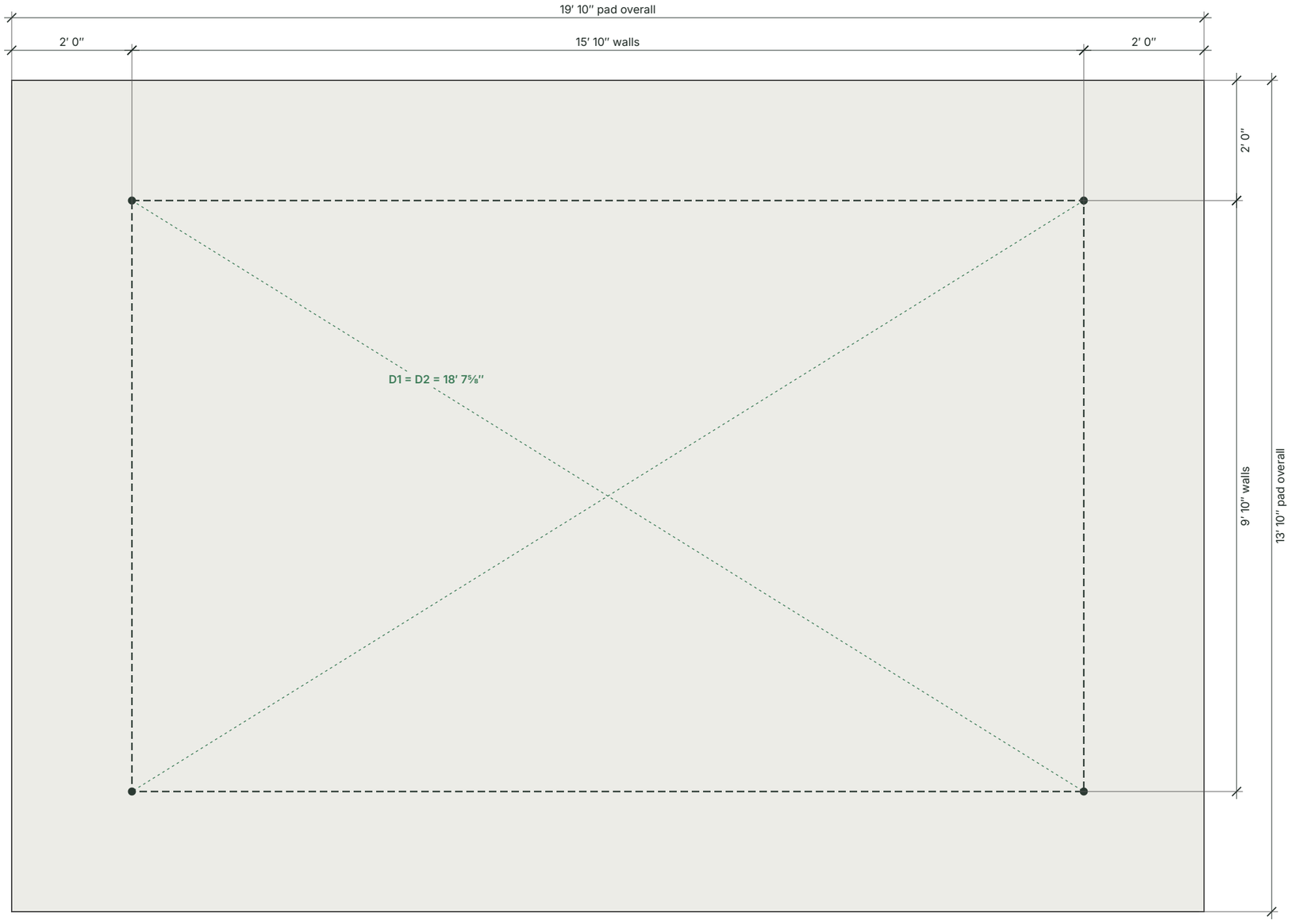
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**FLOOR PLAN**

**A1.0**




## 1 FOUNDATION & SITE PLAN

Scale 1/2″ = 1′-0″ on 17×11 sheet

**SLAB EDGE DETAIL**



Foundation beam, 3⅝″ 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 4 wall corners (dots) from the dimensions.
2. Check the diagonals: D1 = D2.
3. Pour the slab level in both directions.
4. The frame screws down: no ground anchors, fixings included.

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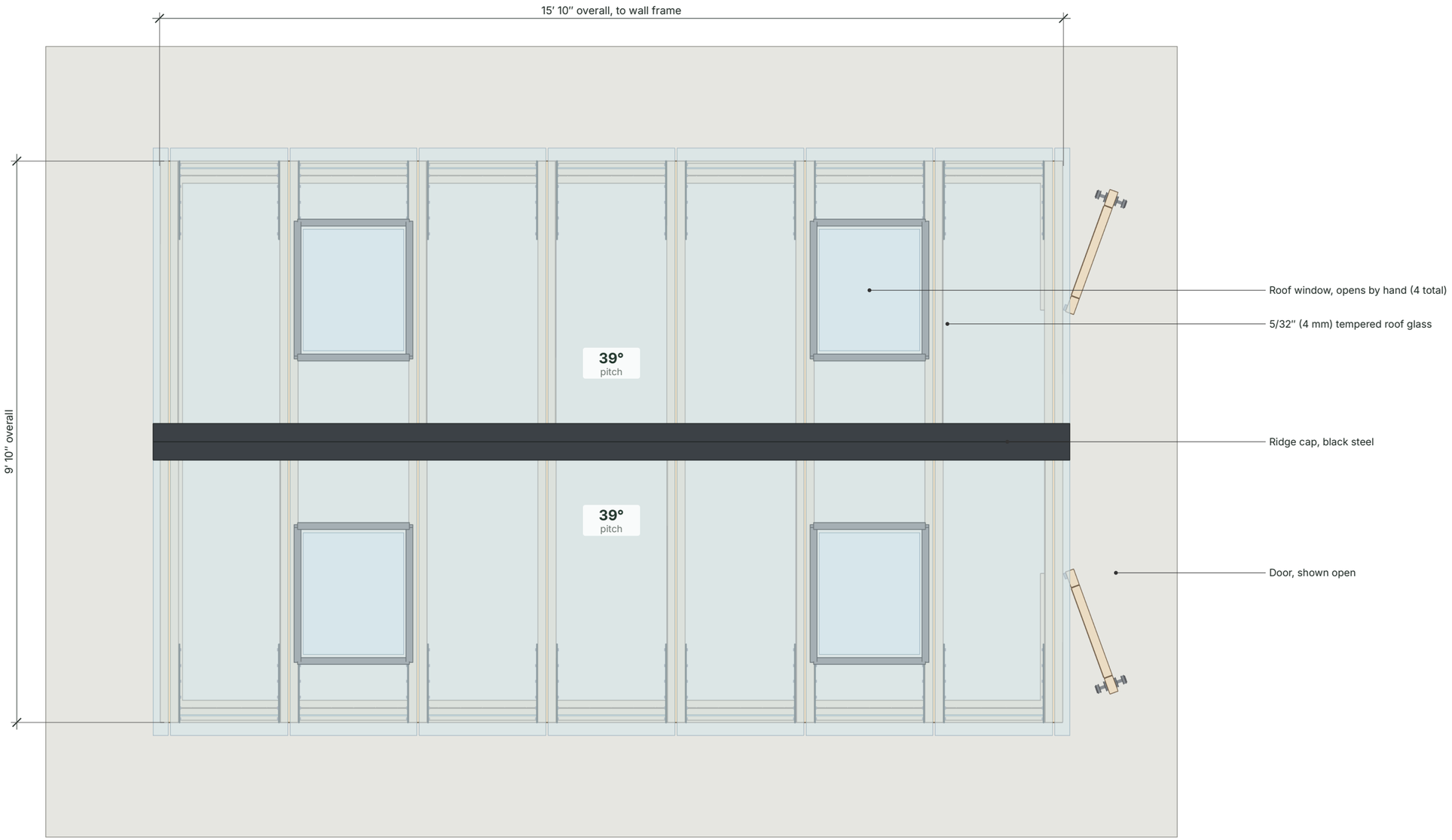
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**FOUNDATION & SITE PLAN**

**A1.1**




**1** **ROOF PLAN**
Scale 1/2″ = 1′-0″ on 17×11 sheet

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

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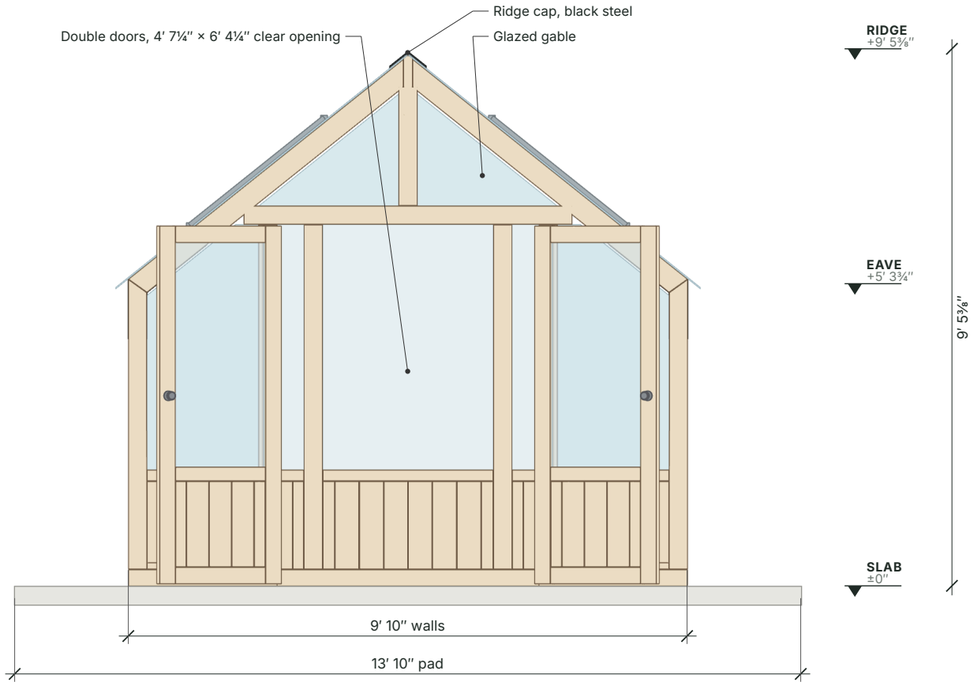
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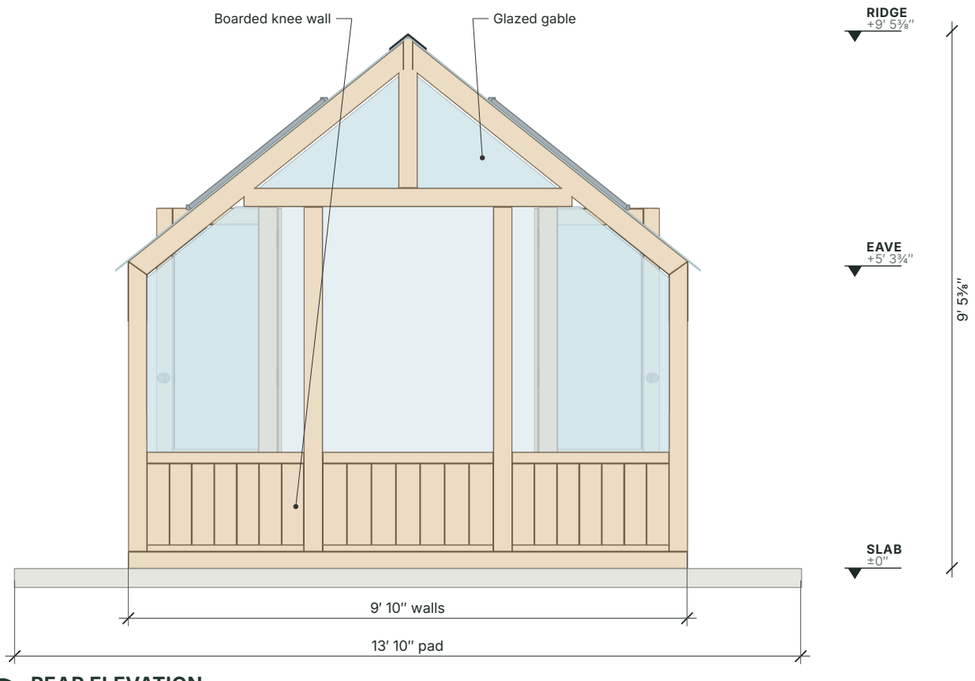
SHEET
**ROOF PLAN**

**A1.2**




## 1 FRONT ELEVATION (DOOR END)

Scale 3/8″ = 1′-0″ on 17×11 sheet




## 2 REAR ELEVATION

Scale 3/8″ = 1′-0″ on 17×11 sheet

### KEY PLAN




### HEIGHTS

| | |
|---|---|
| Ridge (top of cap) | 9′ 5⅜″ |
| Wall height (top of wall frame) | 5′ 3¾″ |
| Door clear height | 6′ 4¼″ |
| Knee wall sill | 2′ 0⅝″ |
| Foundation beam | 3¾″ |
| Roof pitch | 39° |
| Wind rating | 115 mph |
| Snow load | 51 psf |

Heights from the top of the slab.

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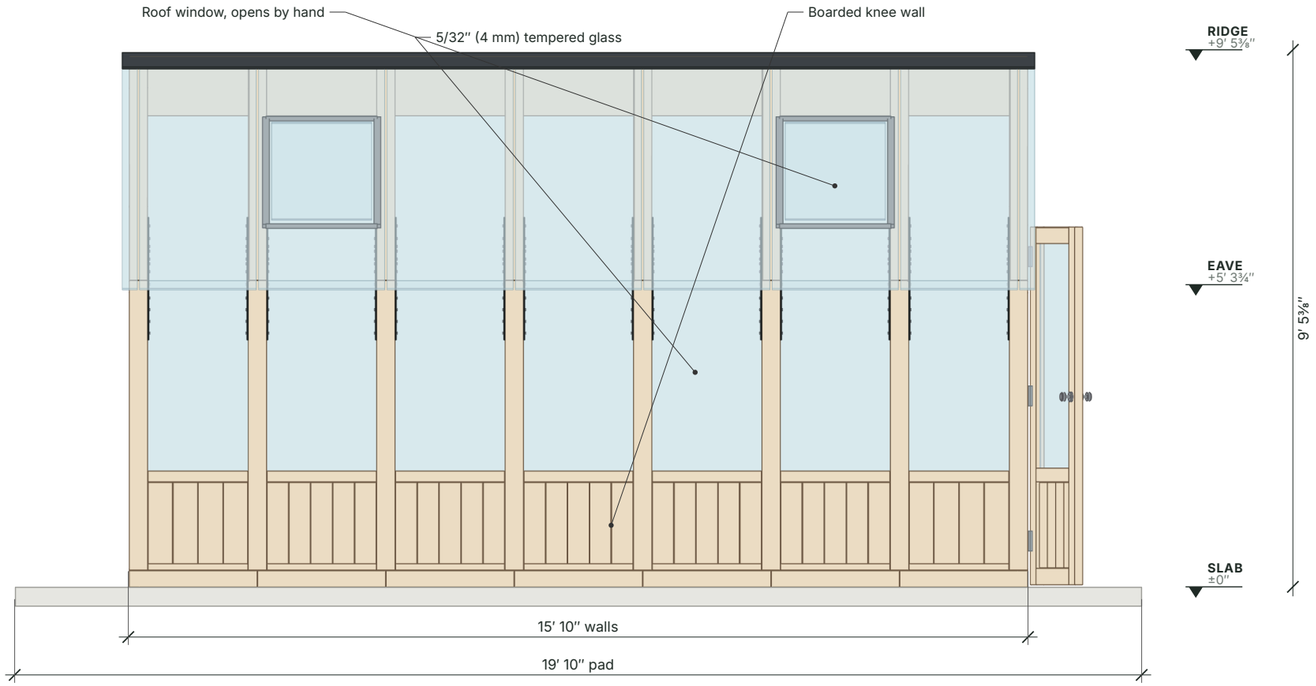
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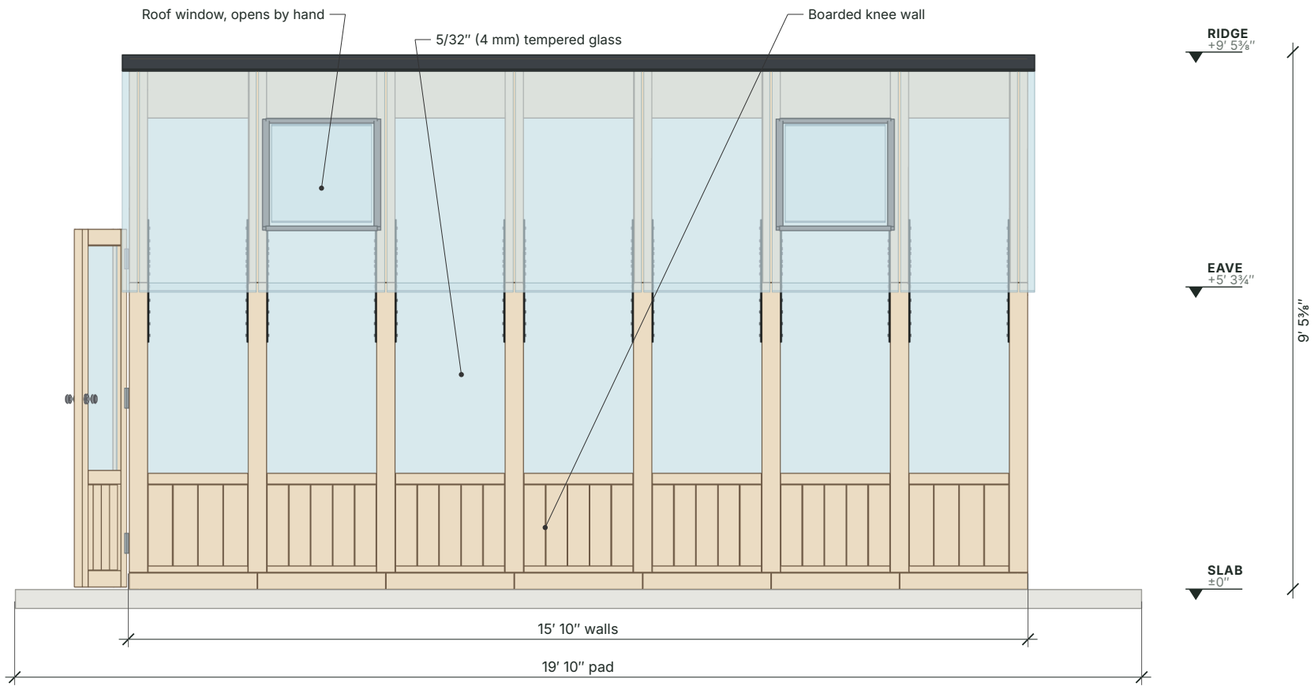
**ELEVATIONS, FRONT & REAR**

**A2.0**




## 1 LEFT SIDE ELEVATION

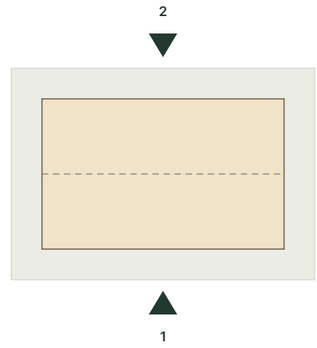
Scale 3/8″ = 1′-0″ on 17×11 sheet




## 2 RIGHT SIDE ELEVATION

Scale 3/8″ = 1′-0″ on 17×11 sheet

### KEY PLAN




### WALLS

Posts on a 2′ 3⅛″ 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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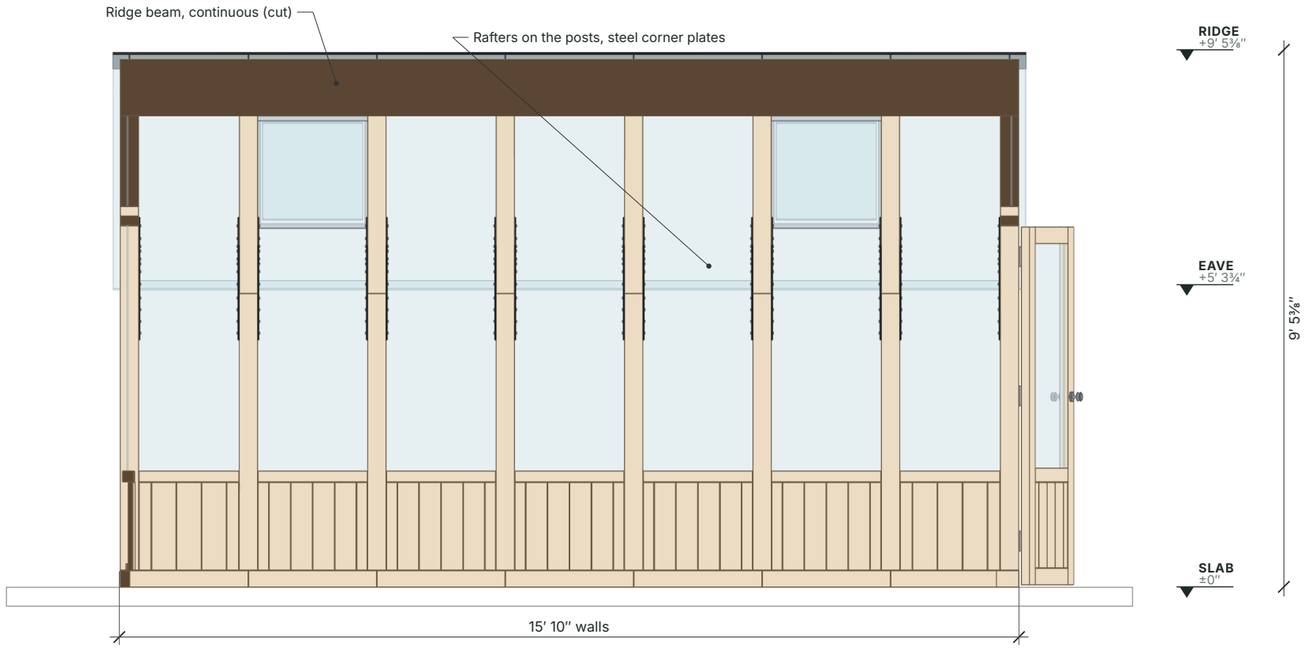
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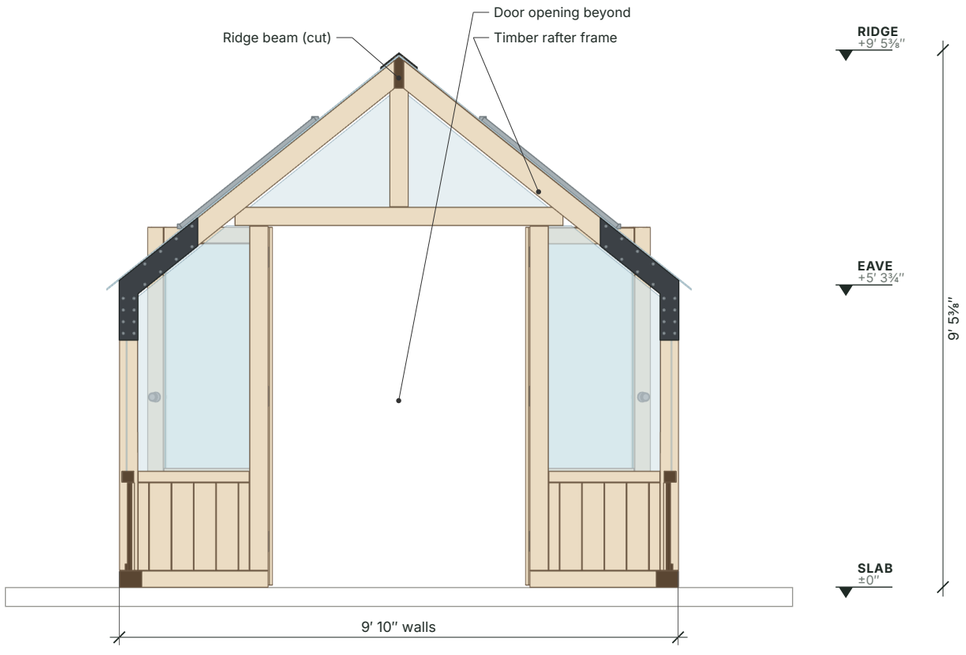
**ELEVATIONS, SIDES**

# A2.1




## A SECTION A-A, ALONG THE RIDGE

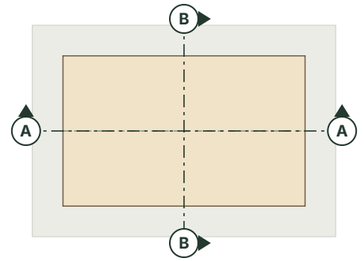
Scale 3/8″ = 1′-0″ on 17×11 sheet




## B SECTION B-B, ACROSS THE HOUSE

Scale 3/8″ = 1′-0″ on 17×11 sheet

### KEY PLAN




### THE FRAME

Posts on a 2′ 3⅛″ 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.

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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) | 9′ 10″ × 15′ 10″ |
| Floor area | 148 sq ft (13.8 m²) |
| Ridge height | 9′ 5⅜″ |
| Wall height | 5′ 3¾″ |
| Roof pitch | 39° |
| Entrances | 1 double door, 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 | 1,830 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
- Double hinged doors with handles and latches
- 4 roof windows, opened by hand
- Ridge caps, 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, 13′ 10″ × 19′ 10″
- 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 1,830 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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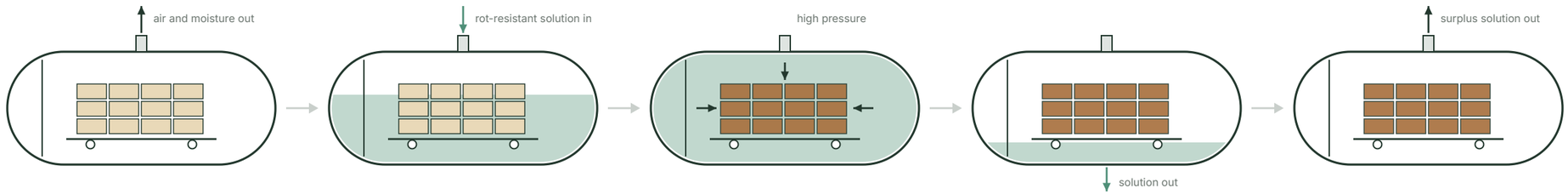
SHEET
**SPECIFICATION & NOTES**

**A5.0**

# TIMBER & PRESSURE TREATMENT

Every wooden part of the Nordwood Classic 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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**TIMBER & TREATMENT**

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