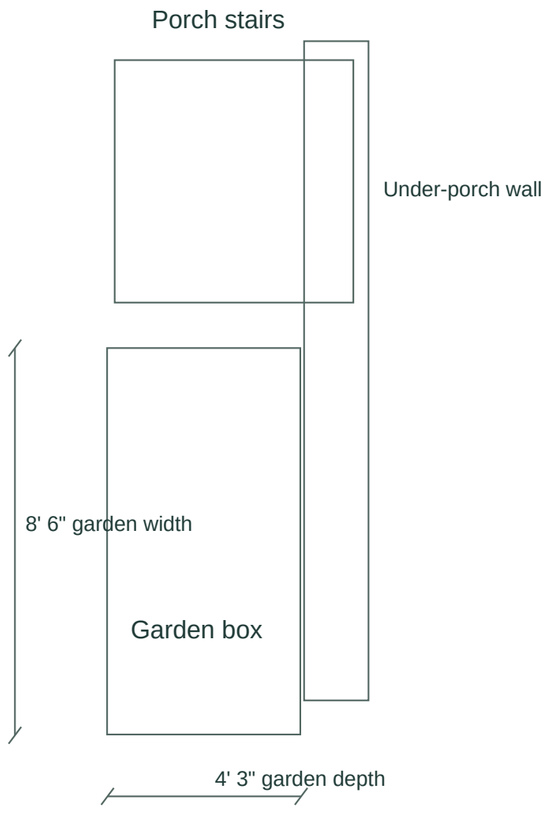
mbar / front basement access

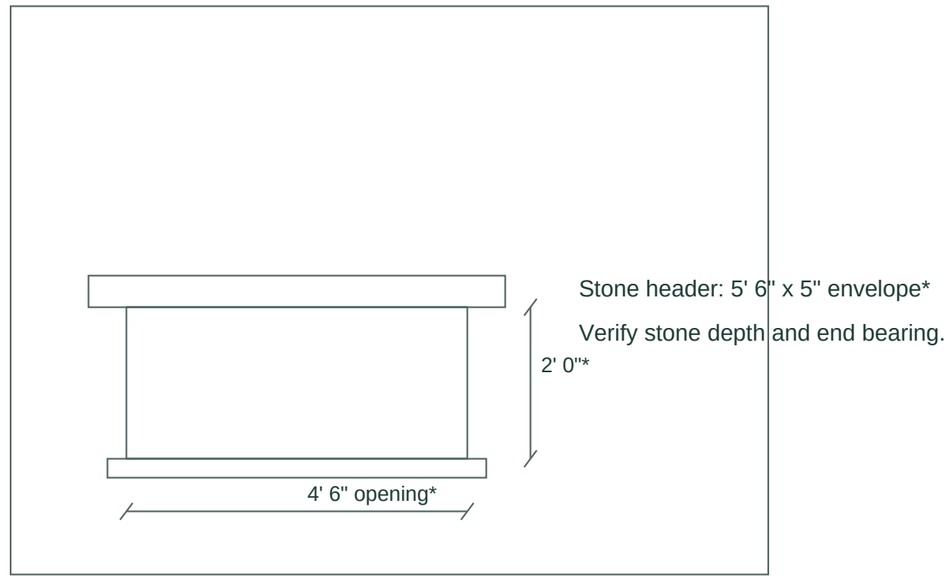
P401 Existing front: garden box, basement window and stone

CONCEPT / FIELD VERIFICATION REQUIRED. Inches and feet; dotted = existing or moving envelope.

PLAN / NORTH UP



BASEMENT WINDOW ELEVATION / LOOKING EAST



*Foliage obscures the opening. These are diagram placeholders, not measured rough-opening or structural lintel dimensions.

Field checks: shared sidewalk/basement level survey; both window jambs, sill and header; porch underside; footing depth; utilities; drainage outlet; sidewalk/property interface.

Datum: F1 finish Z=0; rear house X=0; East Wing Y=0. Not a surveyed lot boundary.

Source master 24f9e95dca636c5e / Sep 28 scans + existing basement model. Print at 100%; rely on dimensions.

mbar / front basement access

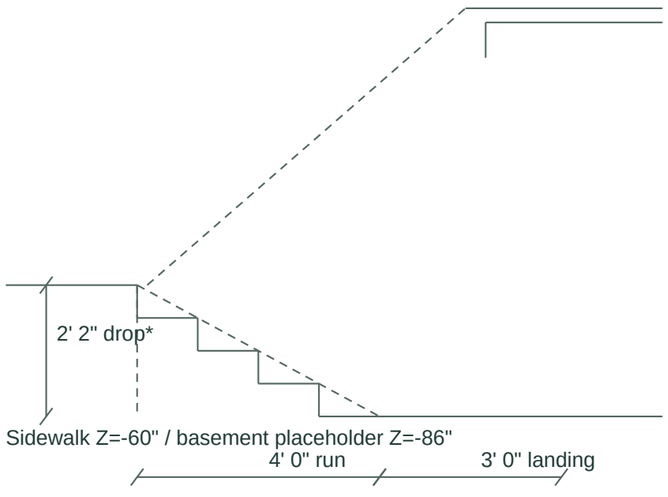
P402 Grade change and descending stair sections

CONCEPT / FIELD VERIFICATION REQUIRED. Inches and feet; dotted = existing or moving envelope.

A/B: below movable porch stairs

Porch finish approximately Z=-5 1/4"

Dashed upper profile: existing porch stair envelope



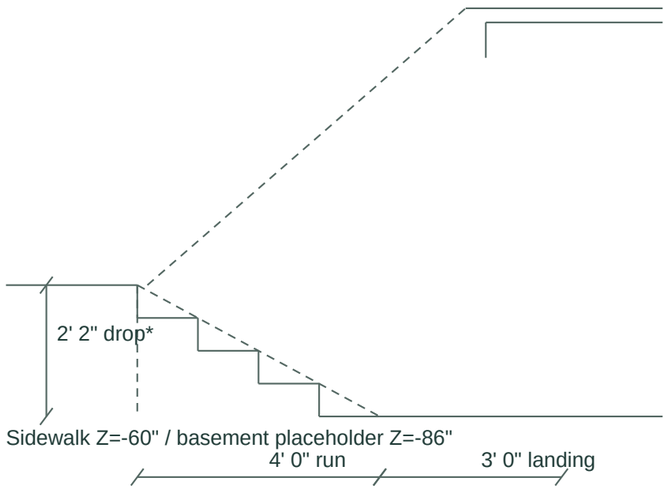
4 risers @ 6 1/2"; 12" treads. Verify actual grade before selection.

Dotted wheel route: 54% slope (~28 degrees), not a walking ramp.

C: garden-bed stairwell

Porch finish approximately Z=-5 1/4"

Dashed upper profile: existing porch stair envelope



4 risers @ 6 1/2"; 12" treads. Verify actual grade before selection.

Dotted wheel route: 54% slope (~28 degrees), not a walking ramp.

The 26-inch drop is a comparison of separate registrations. Tape/level verification is required.

A 48-inch run plus a 36-inch bottom landing needs 84 inches: it extends beneath the porch.

Confirm headroom along the full route; new opening requires masonry support and water management.

Wheel channels can reduce lifting, but stroller control and bike turning require a full-size mock-up.

Datum: F1 finish Z=0; rear house X=0; East Wing Y=0. Not a surveyed lot boundary.

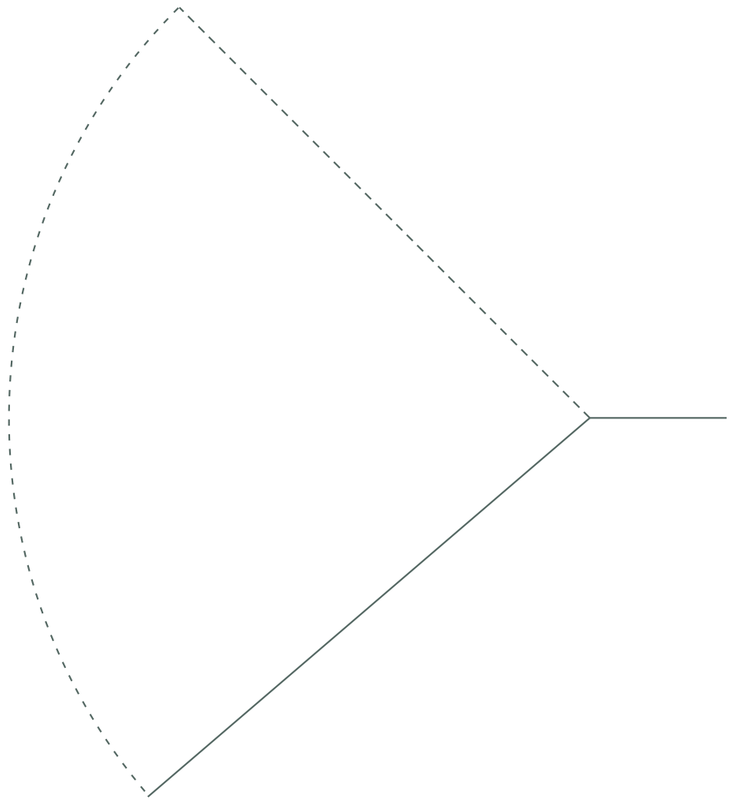
Source master 24f9e95dca636c5e / Sep 28 scans + existing basement model. Print at 100%; rely on dimensions.

mbar / front basement access

P403 Moving porch-stair concepts and clearances

CONCEPT / FIELD VERIFICATION REQUIRED. Inches and feet; dotted = existing or moving envelope.

A / LIFT - SIDE PROFILE



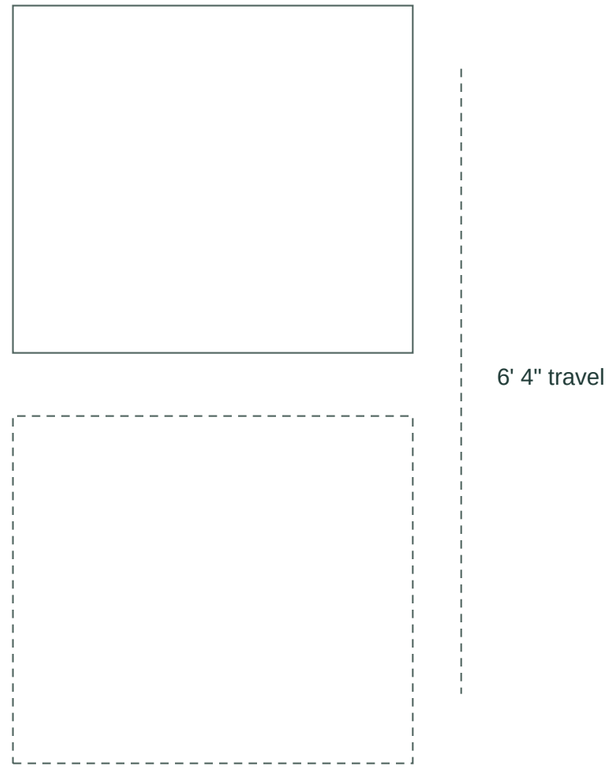
Hinge at porch edge; dotted sweep represents 0-85 degrees.

Concept requires lightweight replacement stairs, not lifting masonry.

Gas arms assist motion; positive latches/supports carry occupied loads.

Check pinch zones, wind, guards and porch access while stairs are raised.

B / SLIDE SOUTH - PLAN



Dotted parked stairs occupy the garden-bed area.

Full stair sweep intersects center masonry pier: redesign required.

Study segmented/offset flight, tracks and alternative porch access.

Both moving options retain the garden-side basement window and stone surround; mechanisms remain conceptual.

Datum: F1 finish Z=0; rear house X=0; East Wing Y=0. Not a surveyed lot boundary.

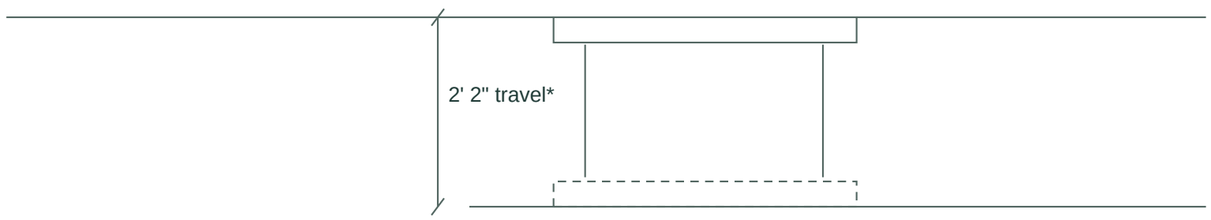
Source master 24f9e95dca636c5e / Sep 28 scans + existing basement model. Print at 100%; rely on dimensions.

mbar / front basement access

P404 Rolling-load alternatives: goods platform and longer route

CONCEPT / FIELD VERIFICATION REQUIRED. Inches and feet; dotted = existing or moving envelope.

D / SMALL GOODS PLATFORM IN GARDEN AREA



Concept platform: 4' 0" long x 4' 0" wide; check bicycle length and loading turn.

Retain porch stairs. A flush top landing could accept stroller/storage loads.

Select a rated goods-lift product, guards, interlocks and foundation before detailing.

No passenger use or load rating is implied by this geometry.

LONGER SLOPED ROUTE

26-inch drop over 48 inches = 54% slope.

At 1:8, the slope alone needs 17' 4".

At 1:12, it needs 26' 0", plus landings.

These are geometric comparisons, not a claim of code-compliant ramp design.

A longer route parallel to the facade may need neighbor/sidewalk space. Survey first.

Recommended next decision: confirm actual drop, then mock up the garden-bed route with a bike and loaded stroller.

Compare everyday effort and clear turning space before investing in a bespoke moving-stair mechanism.

Datum: F1 finish Z=0; rear house X=0; East Wing Y=0. Not a surveyed lot boundary.

Source master 24f9e95dca636c5e / Sep 28 scans + existing basement model. Print at 100%; rely on dimensions.