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Melbourne — Hobart
info@archier.com.au
archier.com.au

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PROJECT

Wood Solutions

CLIENT

FTMA and OneFortyOne

DATE

23/6/2023

SCALE

As Shown @ **A3**

CONTACT

Josh FitzGerald — projects@archier.com.au

DRAWING

Cover page

NORTH



WHY IS THIS GOOD DESIGN?

1. Square form is the most efficient shape in regards to floor area to facade area, reducing costs and increasing thermal performance
2. Utility core centralises the services reducing the length of plumbing and electrical runs, reducing costs and material usage
3. Utility core provides acoustic separation from living areas
4. Halls provide acoustic separation from the Utility core
5. Simplified roof design removes valleys, therefore, opportunities for failure.
6. The Veranda is in keeping with Australian vernacular design, while providing excellent protection from the weather.
7. Kitchen, butler's pantry and laundry are all proximate to each other, making it a user-friending home.

Ground Floor Plan

1:100

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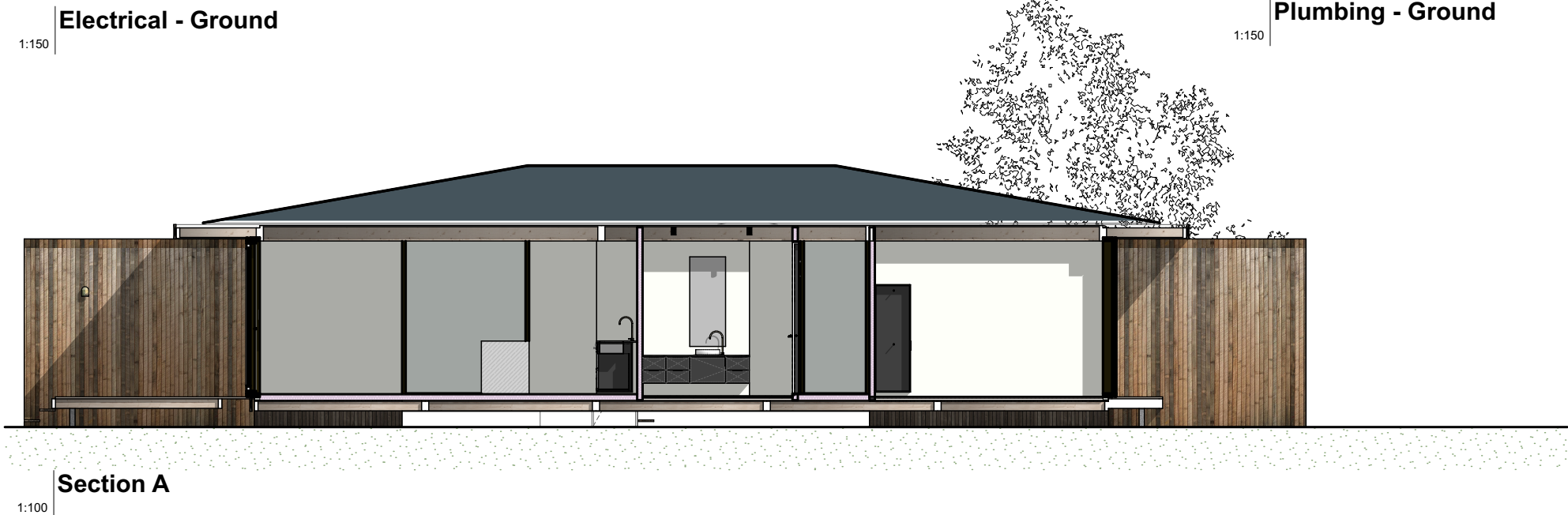
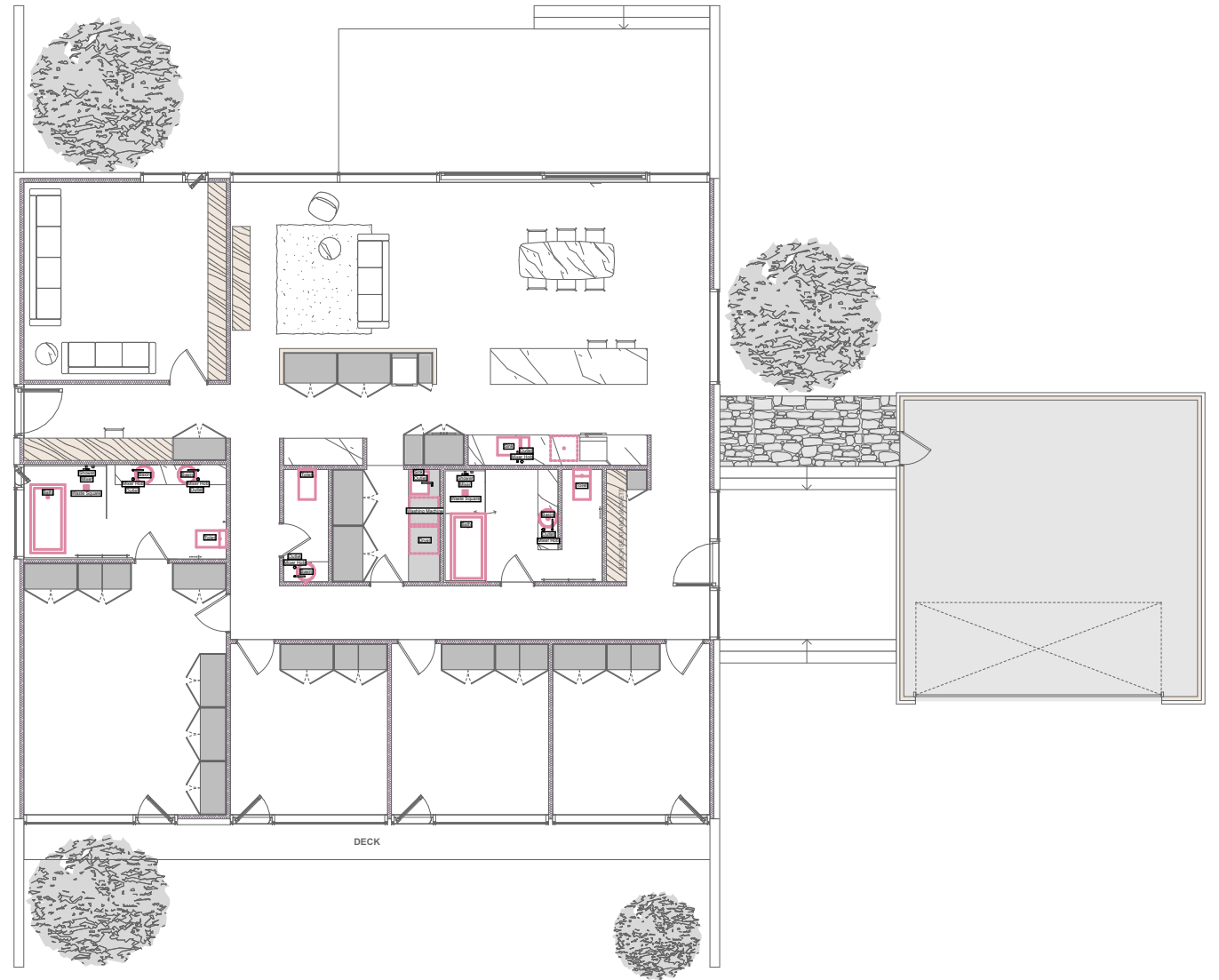
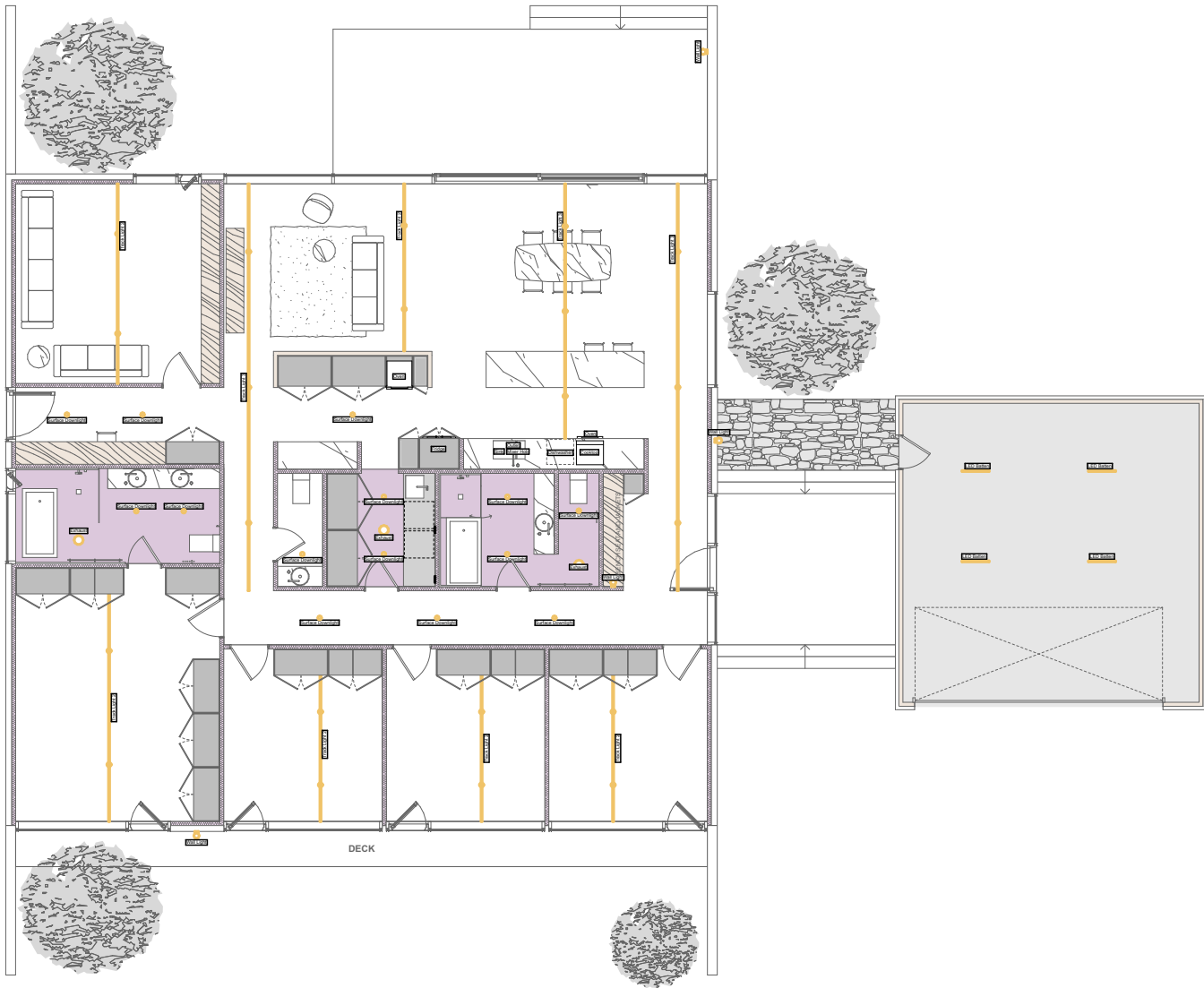
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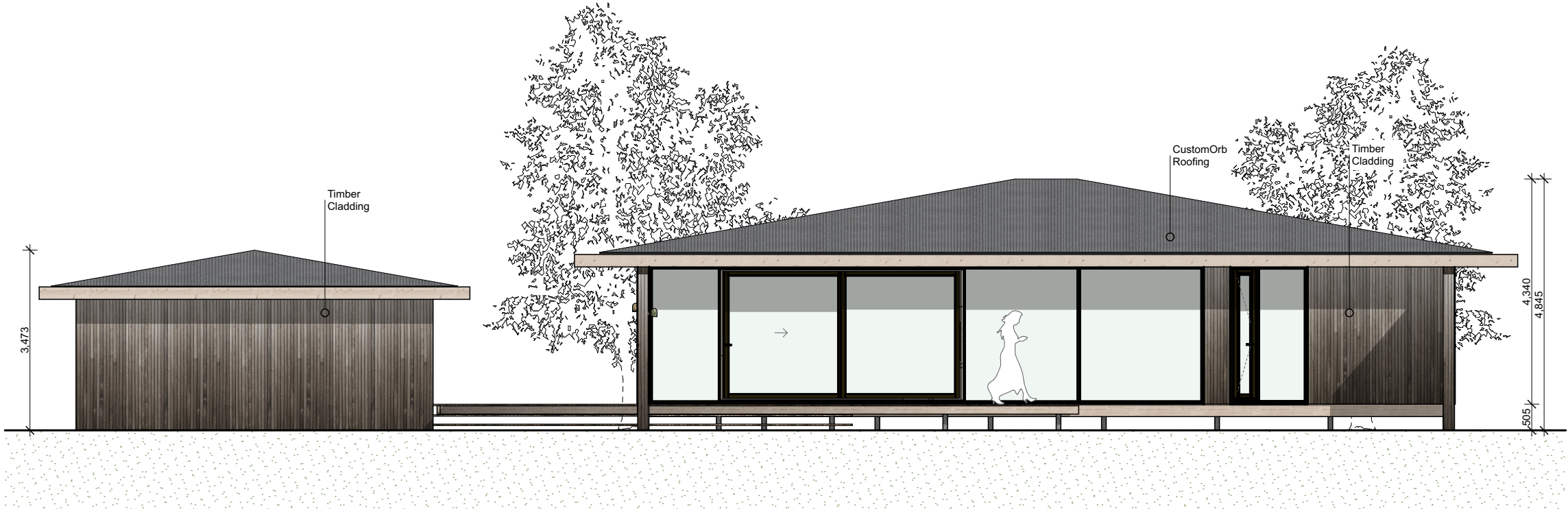
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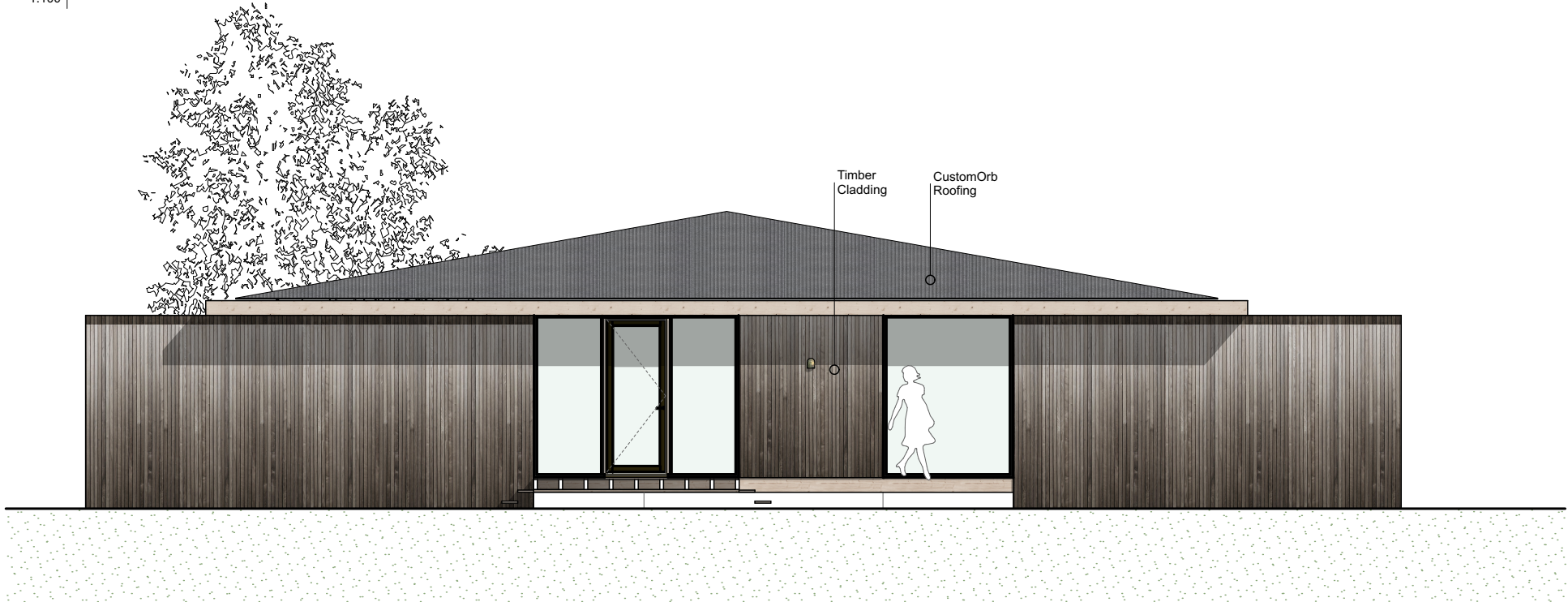
Services / Section

NORTH





North Elevation
1:100



East Elevation
1:100

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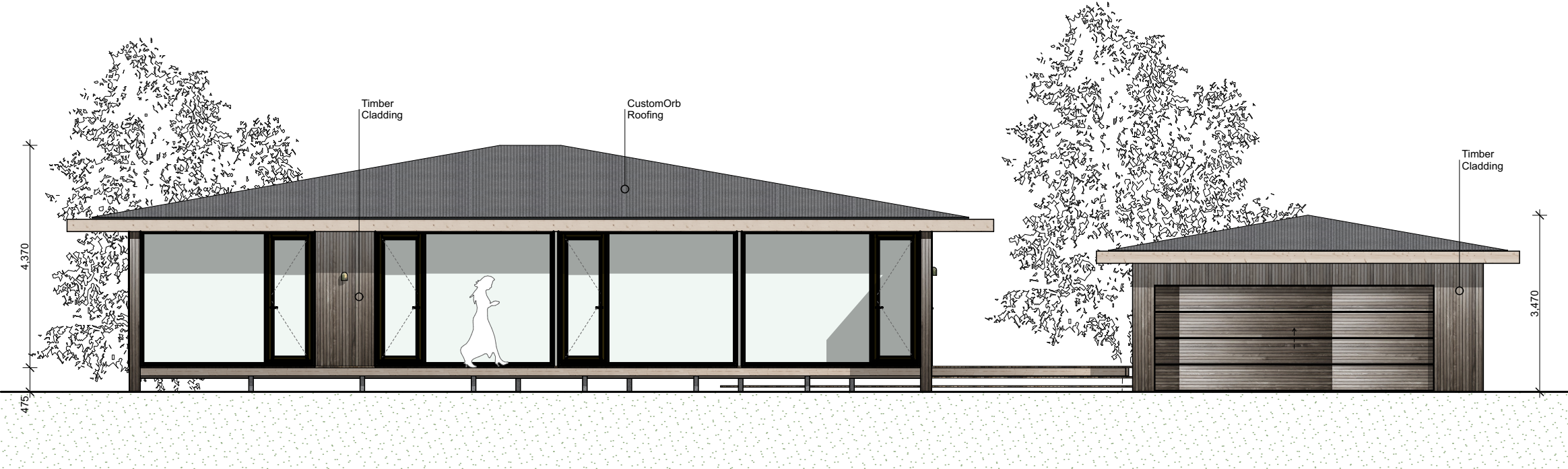
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DRAWING

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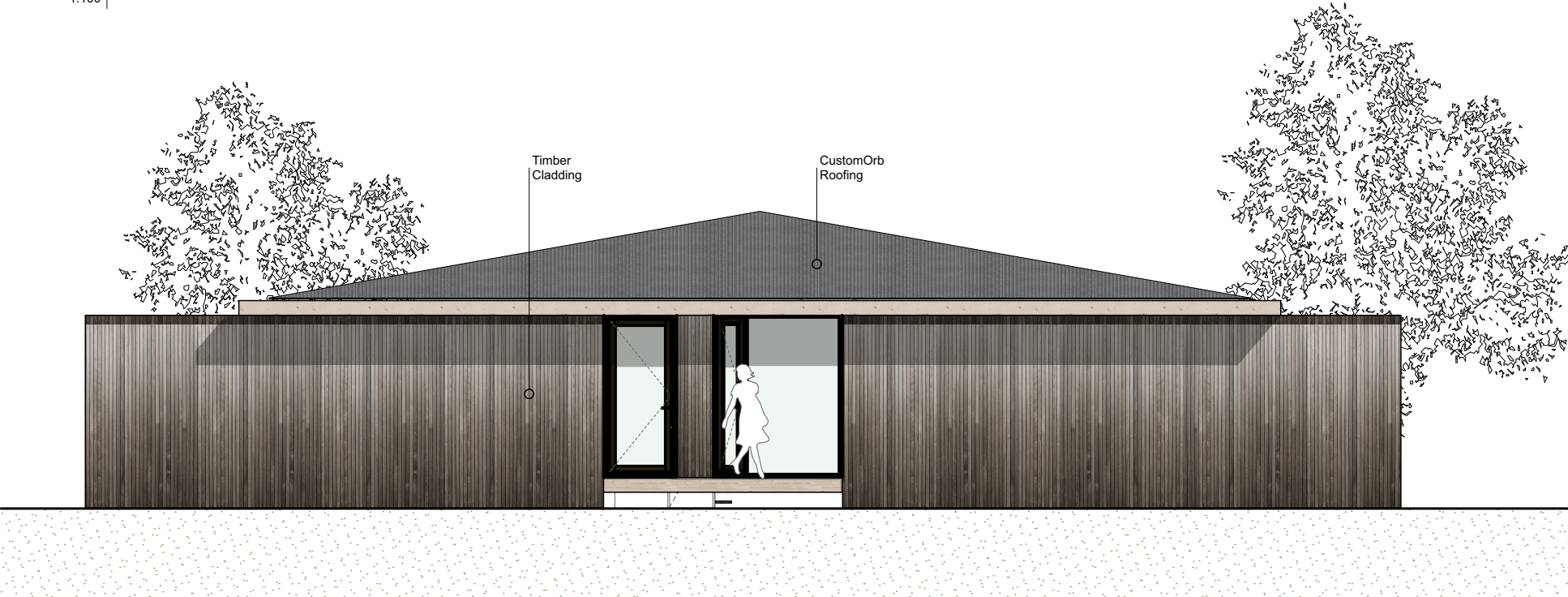
Elevations NE

NORTH



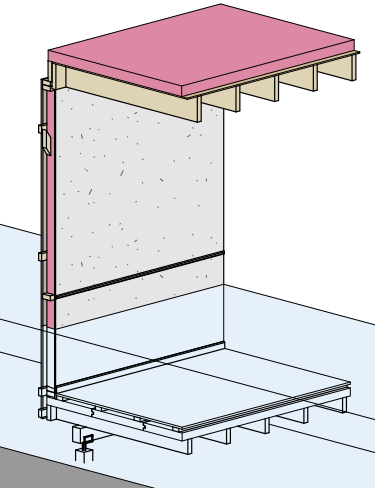
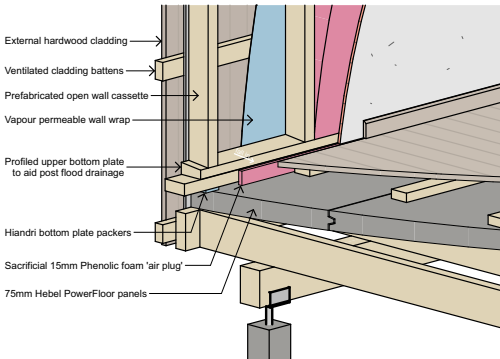
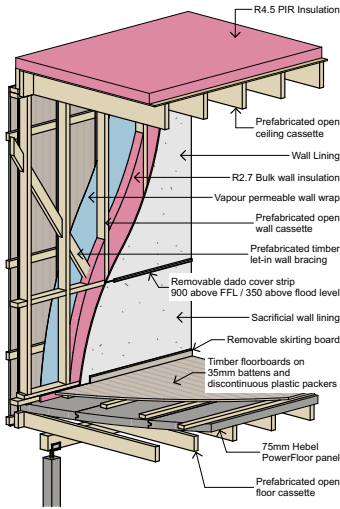
South Elevation

1:100

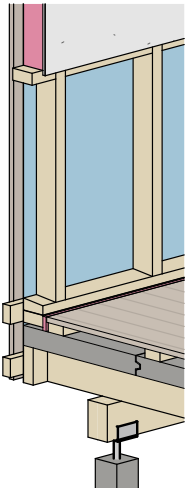


West Elevation

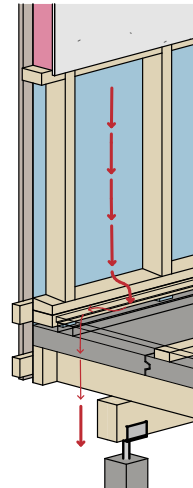
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Defined flood event inundates dwelling.
Sacrificial wall lining exceeds flood level by 350mm,
protecting upper wall linings, insulation and services.



Skirting and dado cover strip are removed.
Lower wall lining and insulation are removed.



Phenolic foam 'air plug' is removed.
Lower portion of wall is able to freely drain
down under the bottom plate due to use of
the Hiandri bottom plate packers.

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A2.101

Elevations SW

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