

RICHMOND MAKERLABS

USER GROUP MEETING JANUARY 2022

WRAP

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THE SITE

EXISTING AERIAL PHOTOGRAPH WITH SITE



THE SITE

EXISTING SITE PLAN + IMMEDIATE CONTEXT

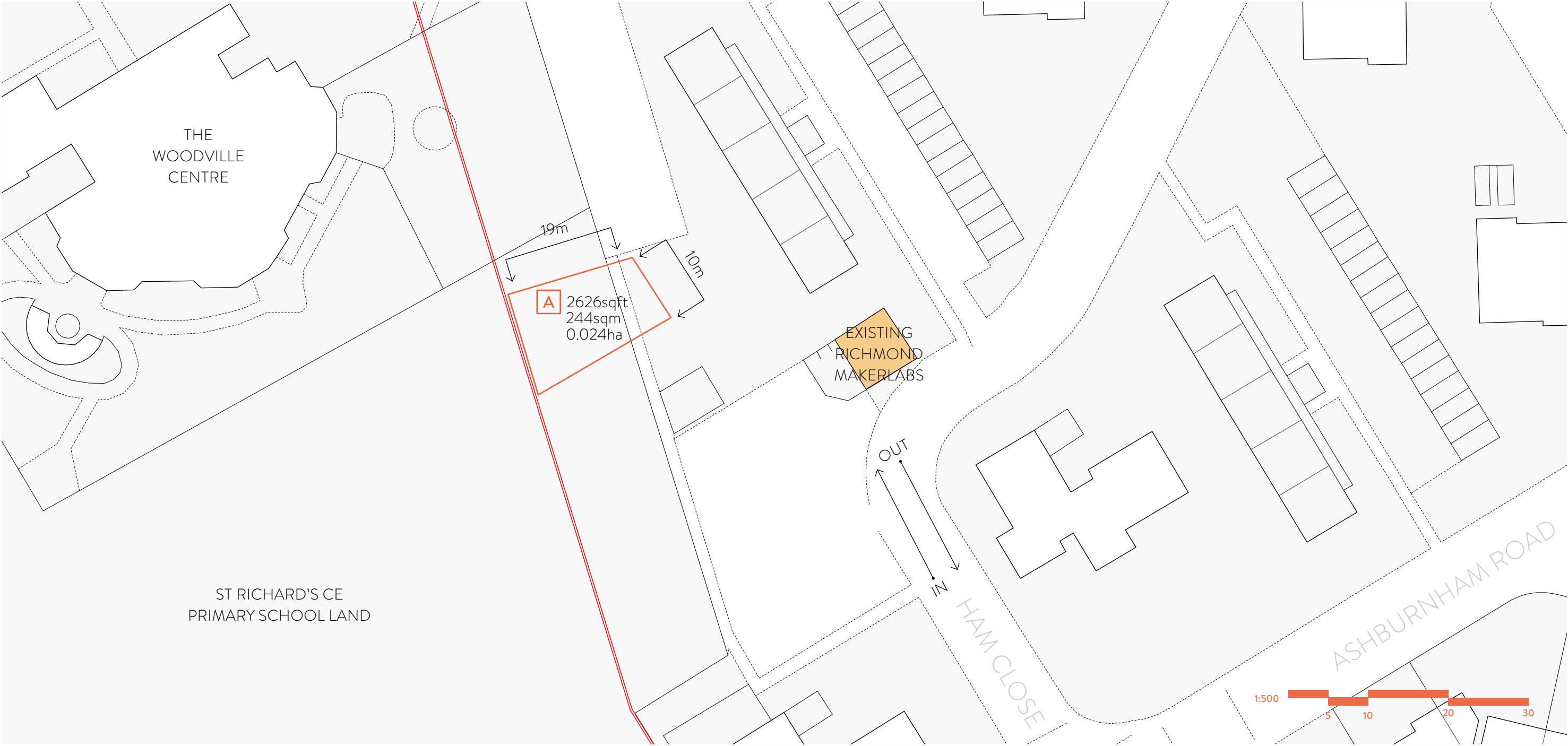


KEY:

■ - Proposed Site

THE SITE

SITE PLAN WITH PROPOSAL AREA



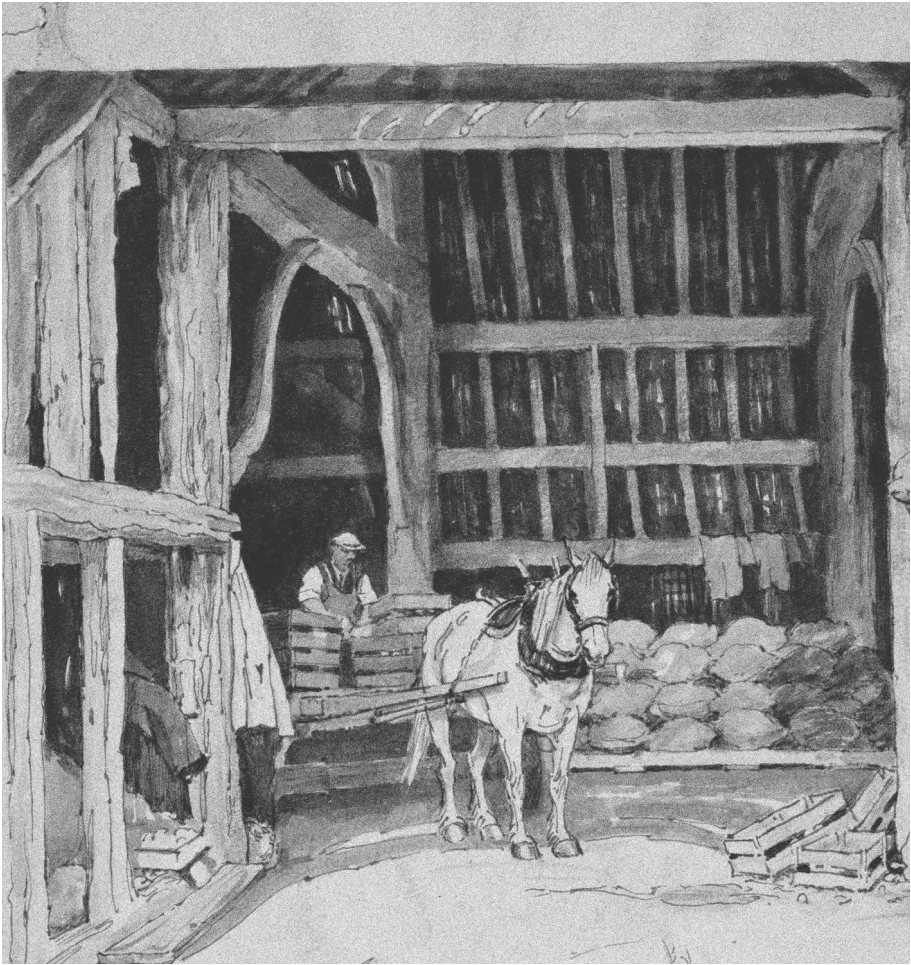
SITE HISTORY

A RURAL HERITAGE

The history of Ham Close and its surroundings has undergone a range of expansion and development since the 1800s. In the 1800s, the site housed the former Manor House and associated farm, which was expanded in the 1870s. The importance of this farmland was captured during WWII when, in the 1940s, artists were commissioned to draw rural life throughout England, with many of the rural architectural structures on the site drawn and displayed in the V&A today.

In the 1960s the old Manor Farm was demolished and replaced by the current parade of shops and post-war housing. By the 1970s the current configuration of Ham Close is evident.

Nonetheless, the legacy of Ham Close’s rural heritage has not been forgotten, and the design team have aimed to capture this heritage in the architectural expression of the developing Richmond MakerLab designs.



Agricultural Sketches of Manor Farm



Rural Map of Ham



Barn Structures on Manor Farm - Now Demolished

PROPOSED MASTERPLAN

Adjacent is a confidential draft (subject to change) iteration of the masterplan proposal identifying the location of the Richmond MakerLab.



Indicative Residential Layout

SITE CONSTRAINTS

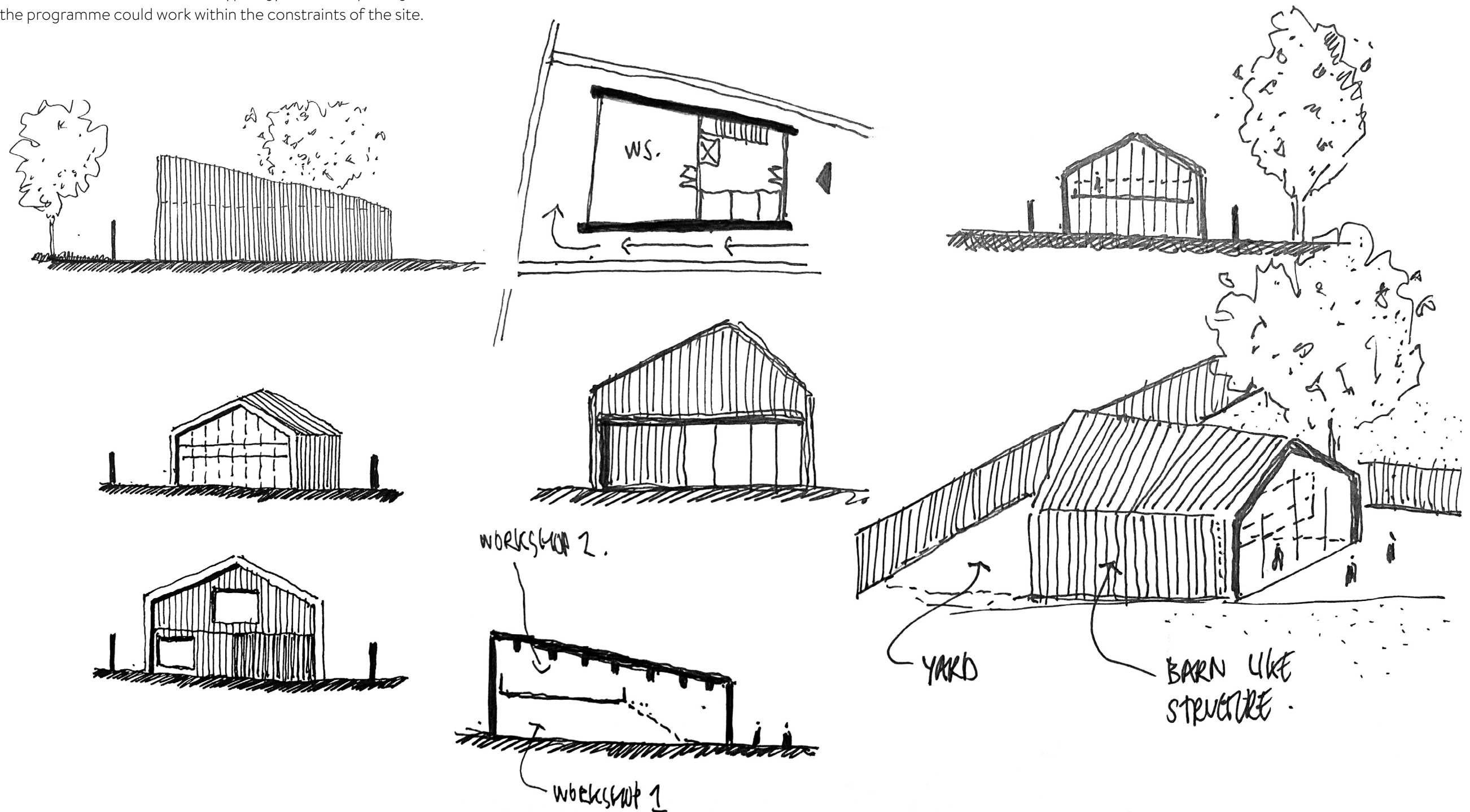


Indicative Residential Layout

DESIGN DEVELOPMENT

SKETCH DEVELOPMENT

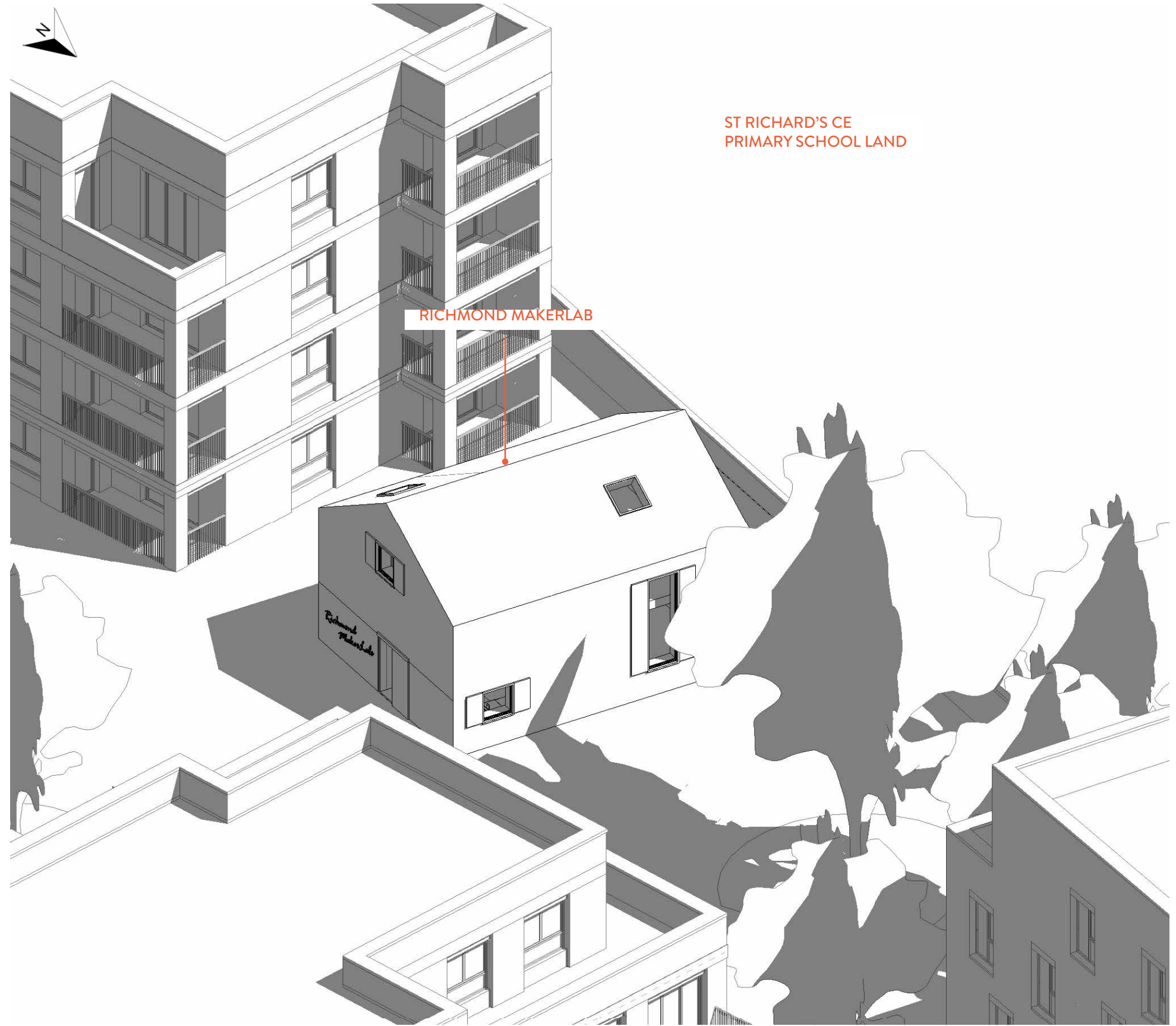
Before turning to CAD to aid our design development, we began with simple hand sketches to evolve our vision for the barn typology, before exploring in more detail how the programme could work within the constraints of the site.



DESIGN DEVELOPMENT

MASSING CONCEPT

The adjacent view shows the current developed proposal.

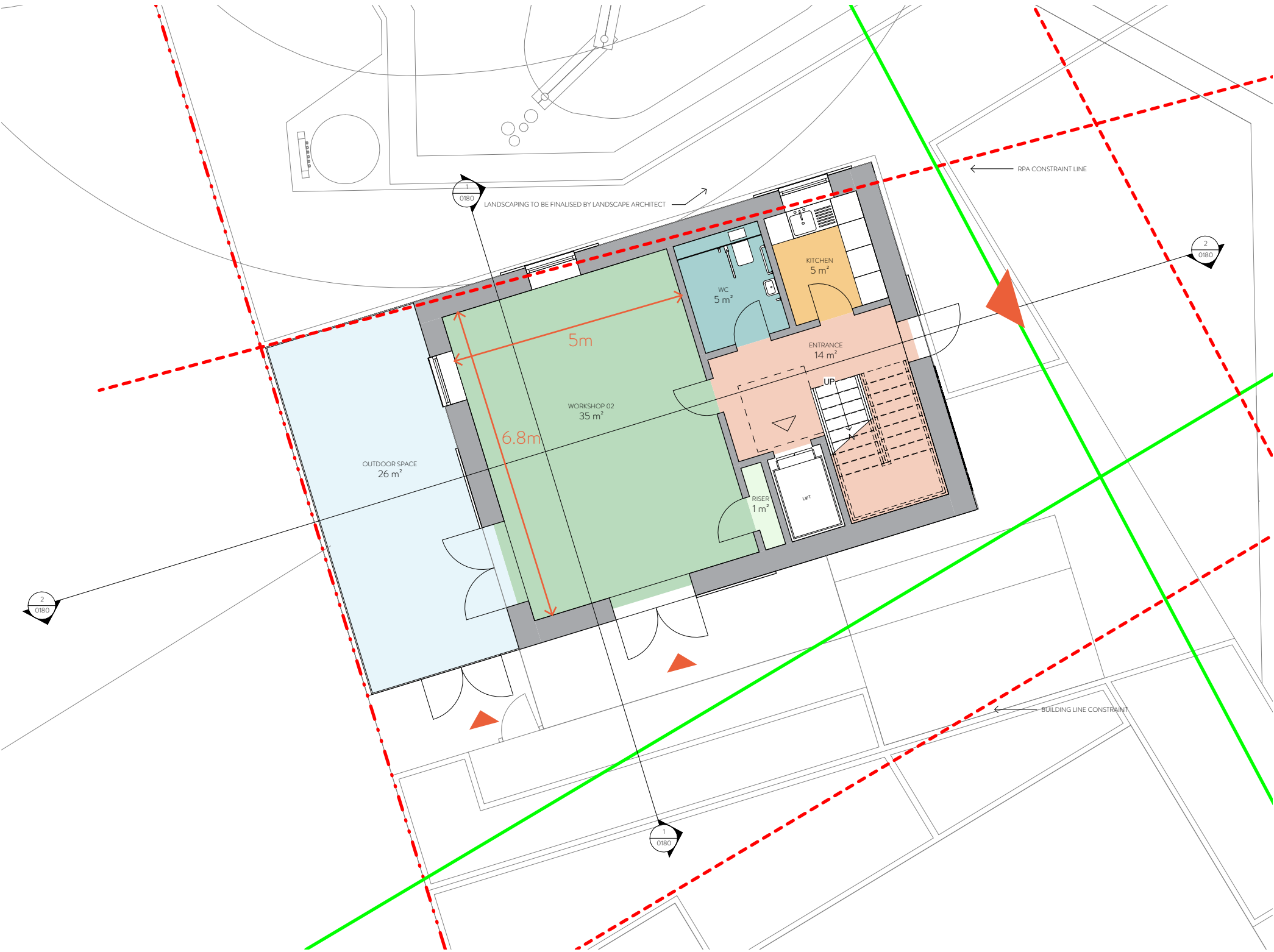


Proposed Axonometric
Indicative Residential Layout

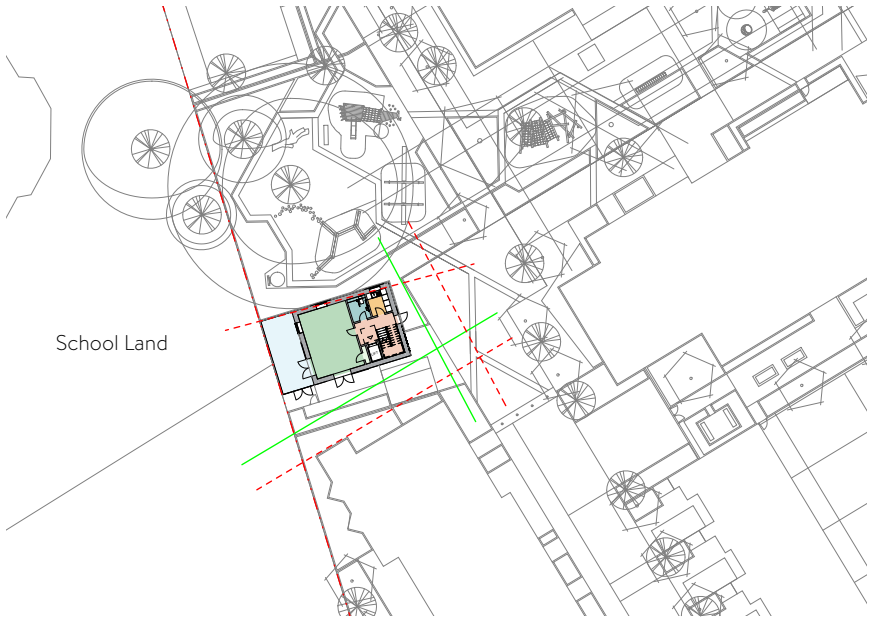
PROPOSED USES

GROUND FLOOR PLAN

- GROUND FLOOR
- Outdoor space
 - Entrance
 - Kitchen
 - WC
 - Workshop 02 (Metal and woodwork, with access to outdoors)



Ground Floor Plan
Indicative Residential Layout

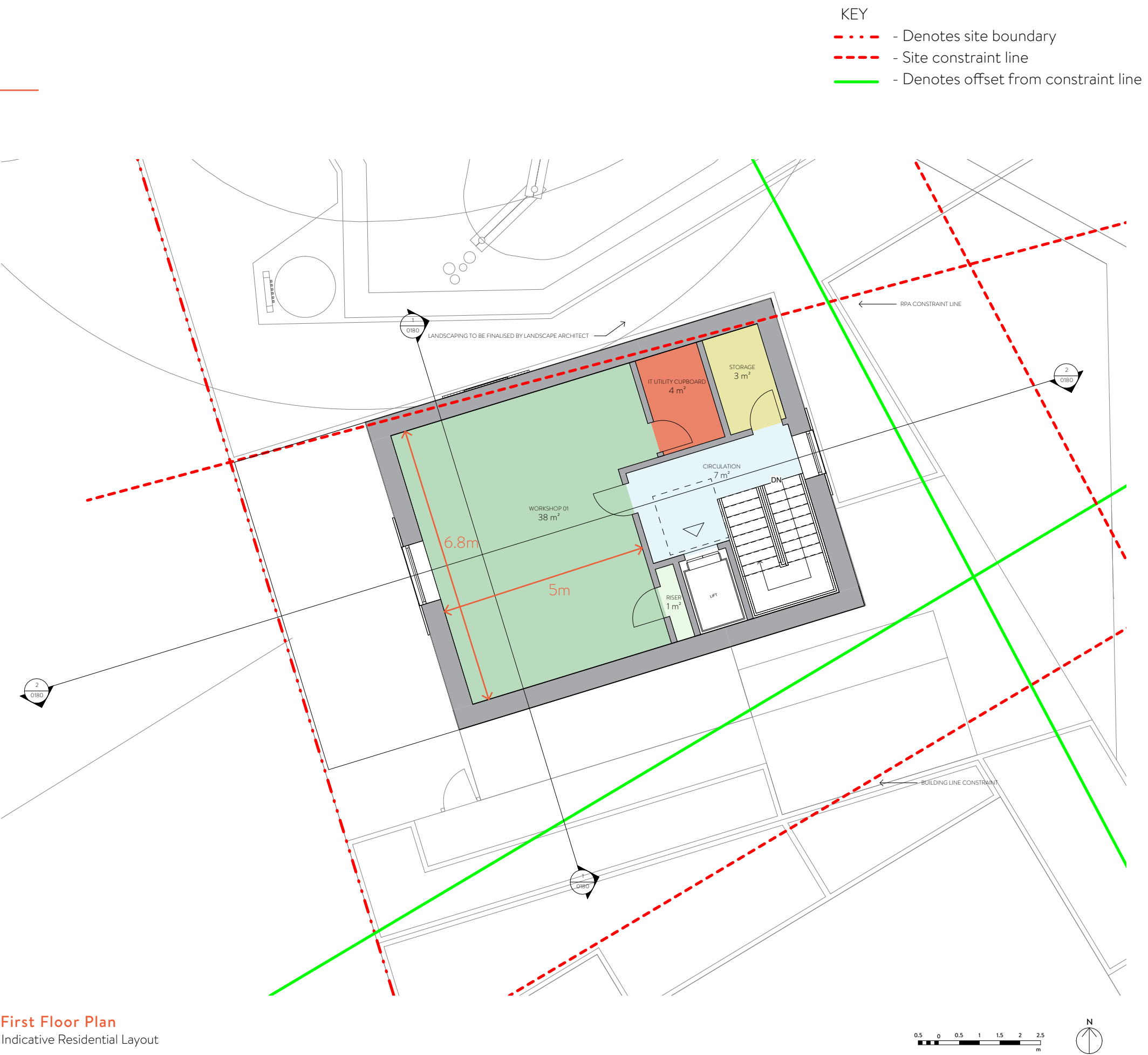


Site Plan (NTS)
Indicative Residential Layout

PROPOSED USES

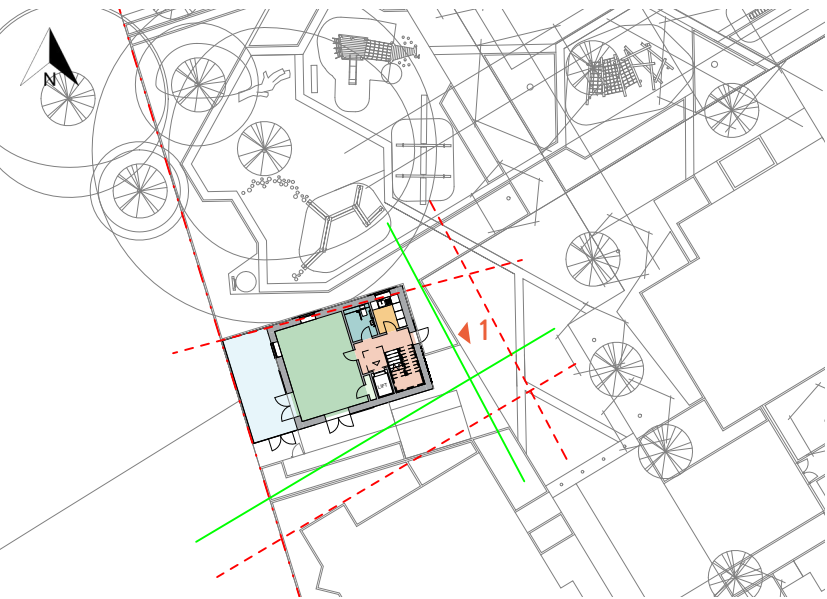
FIRST FLOOR PLAN

- FIRST FLOOR
- Workshop 01 (Meetings and IT work)
 - IT Utility Cupboard
 - Storage



PROPOSED USES

EAST ELEVATION



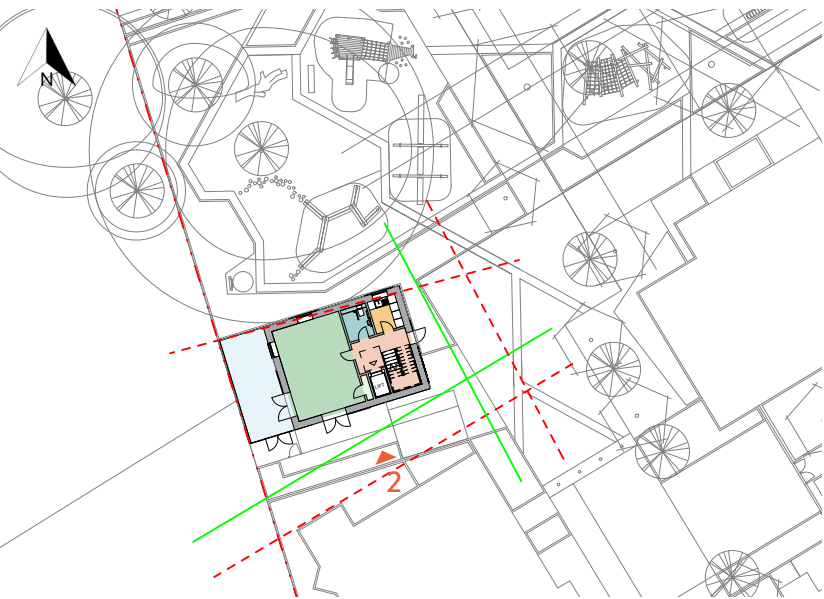
Indicative Residential Layout



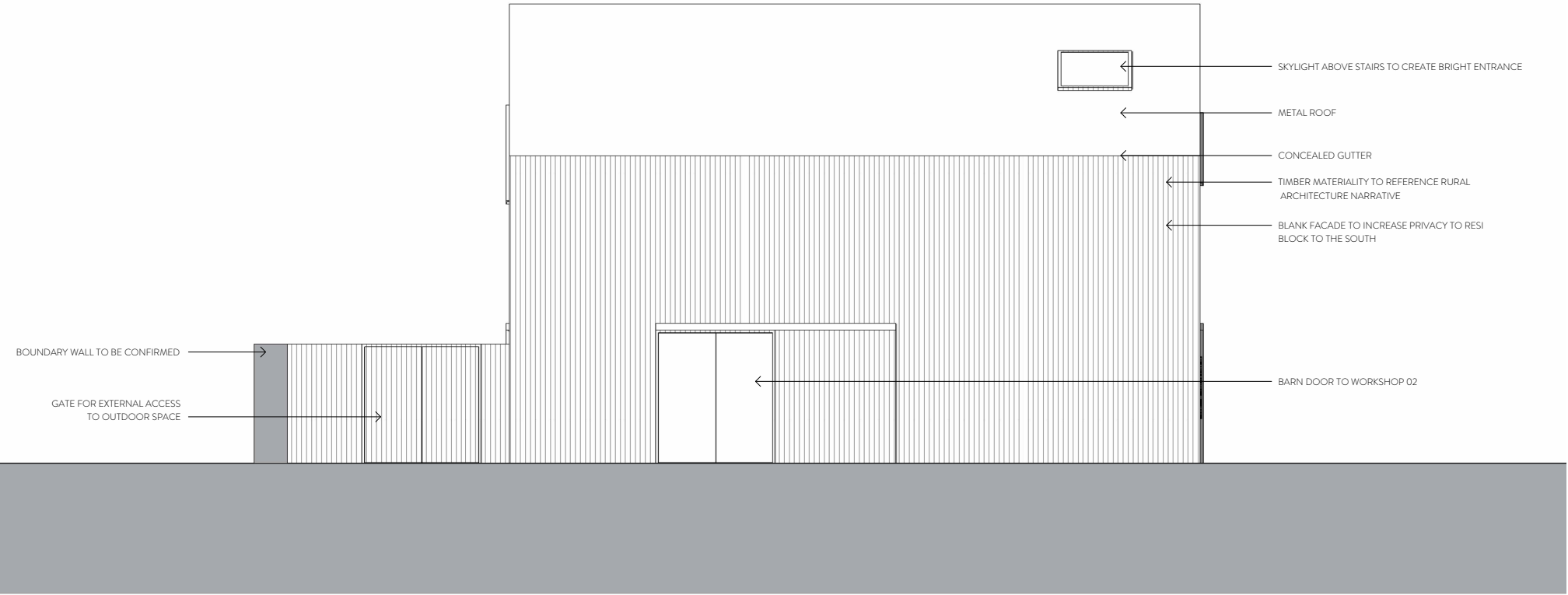
1. East Elevation

PROPOSED USES

SOUTH ELEVATION



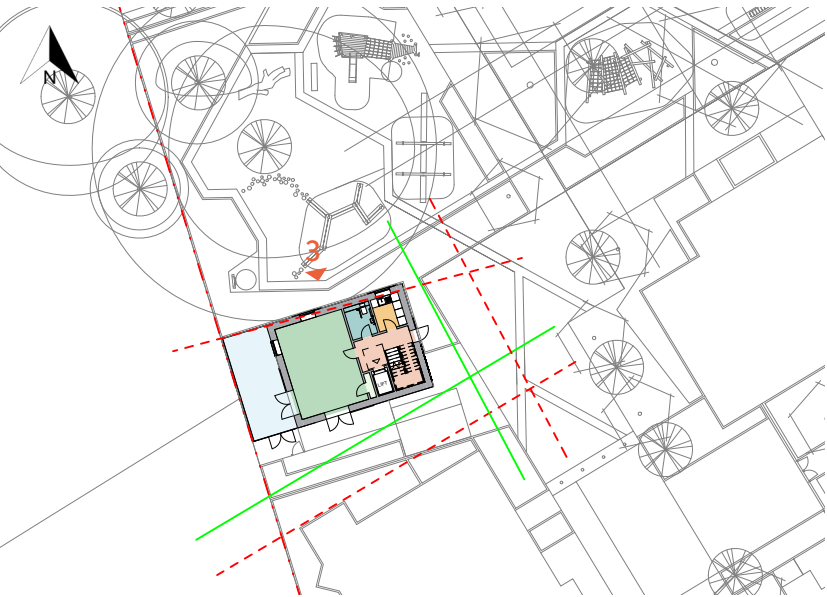
Indicative Residential Layout



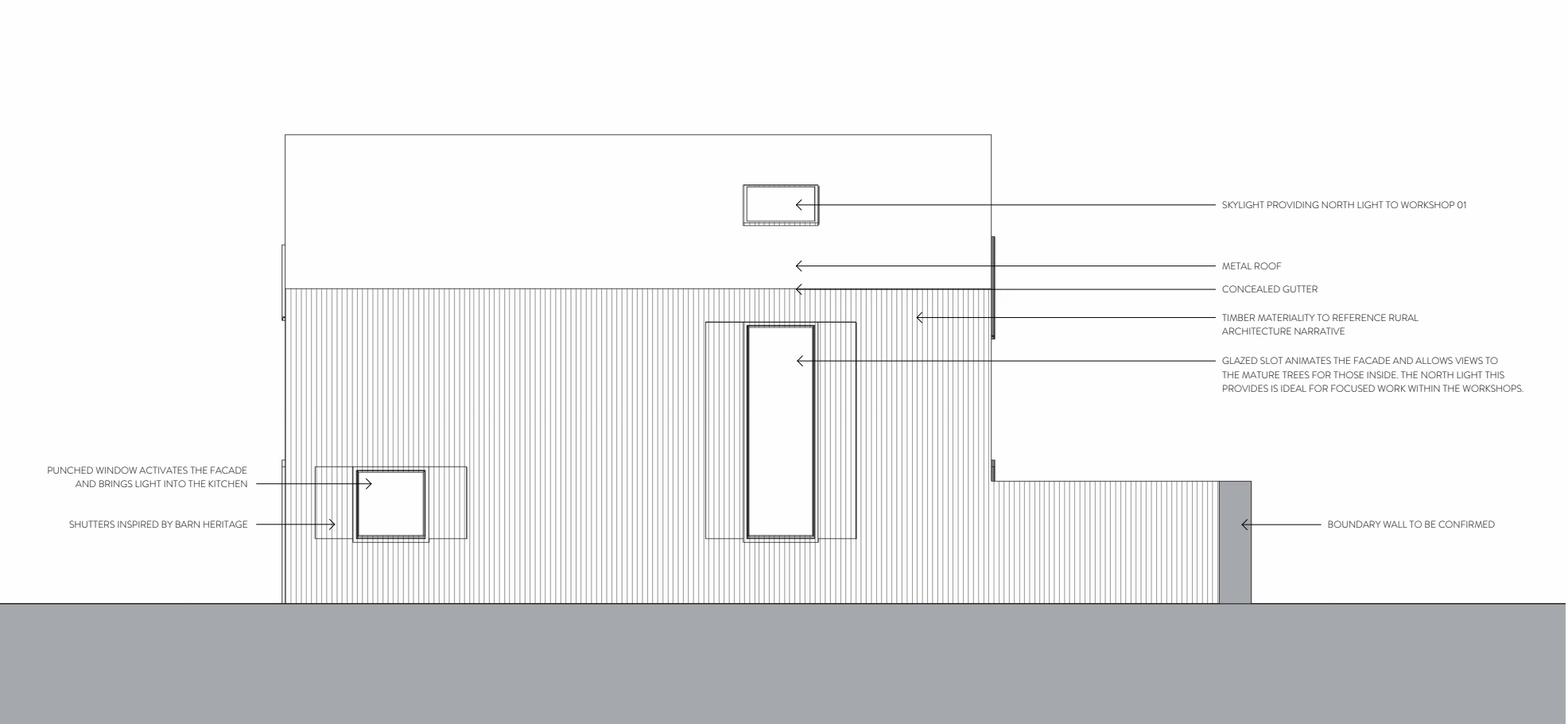
2. South Elevation

PROPOSED USES

NORTH ELEVATION



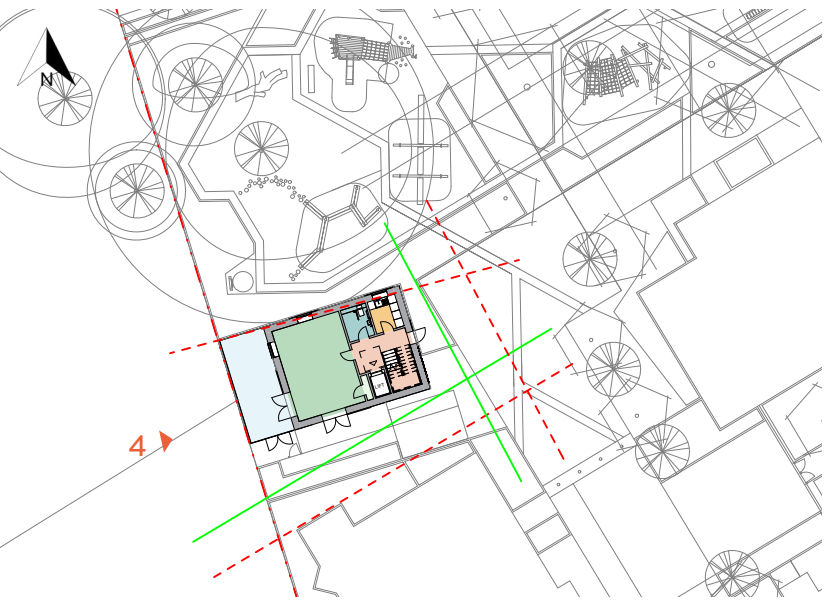
Indicative Residential Layout



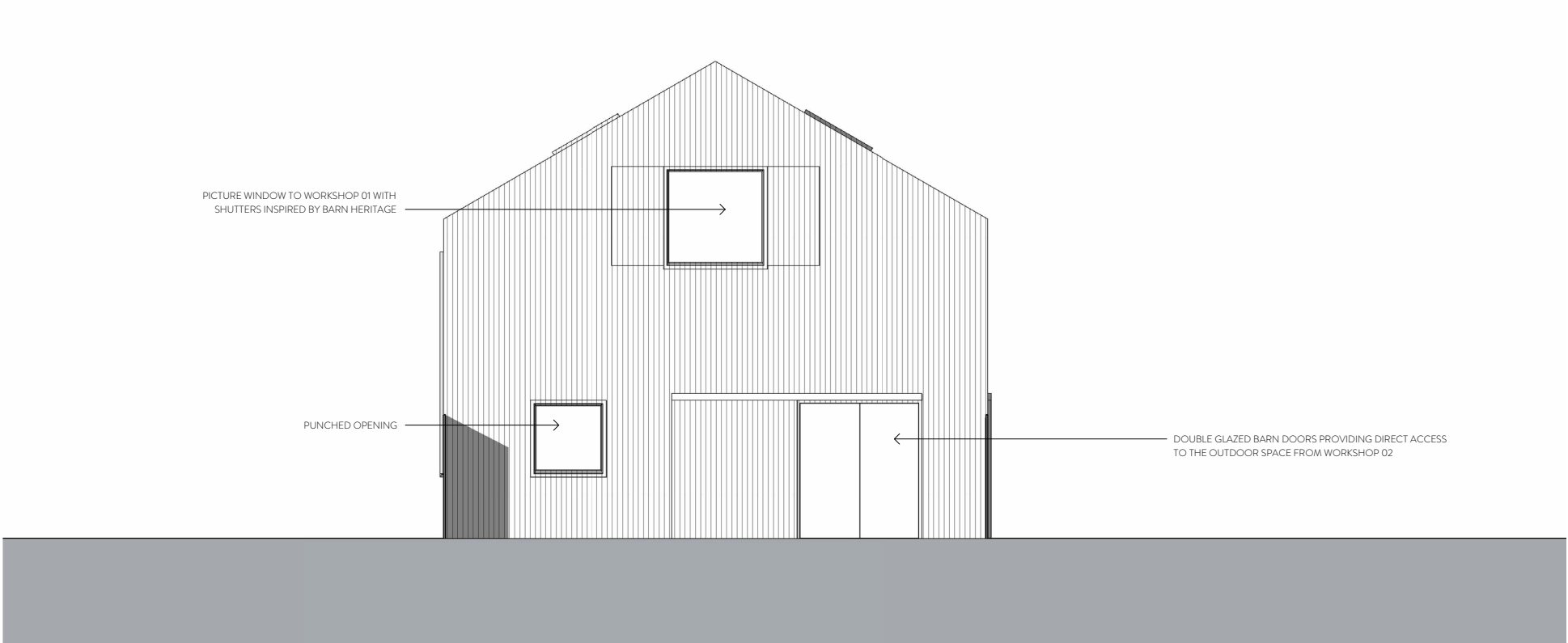
3. North Elevation

PROPOSED USES

WEST ELEVATION



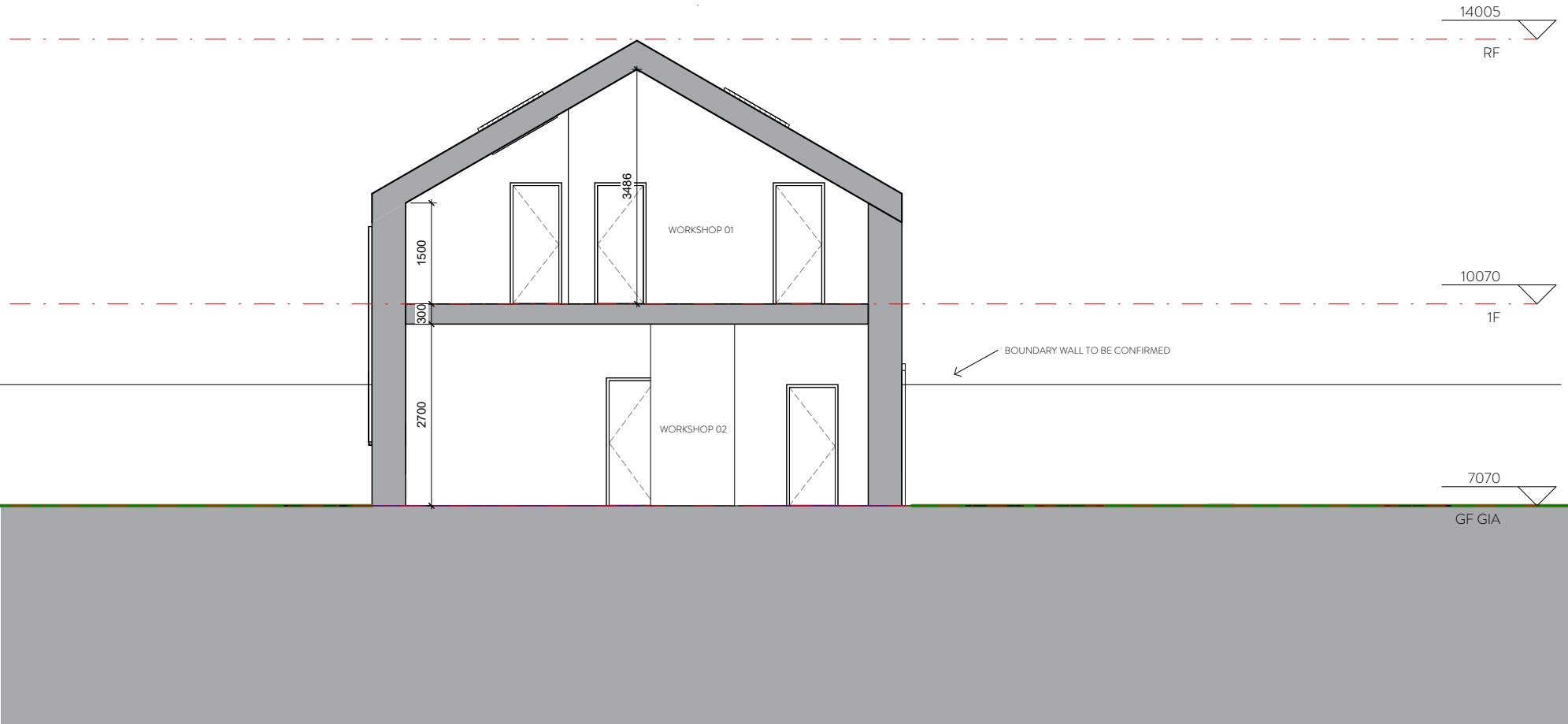
Indicative Residential Layout



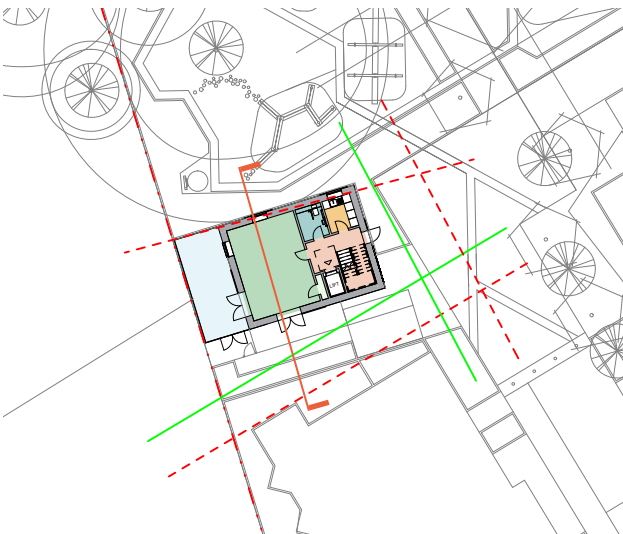
4. West Elevation

PROPOSED USES

SECTION 01



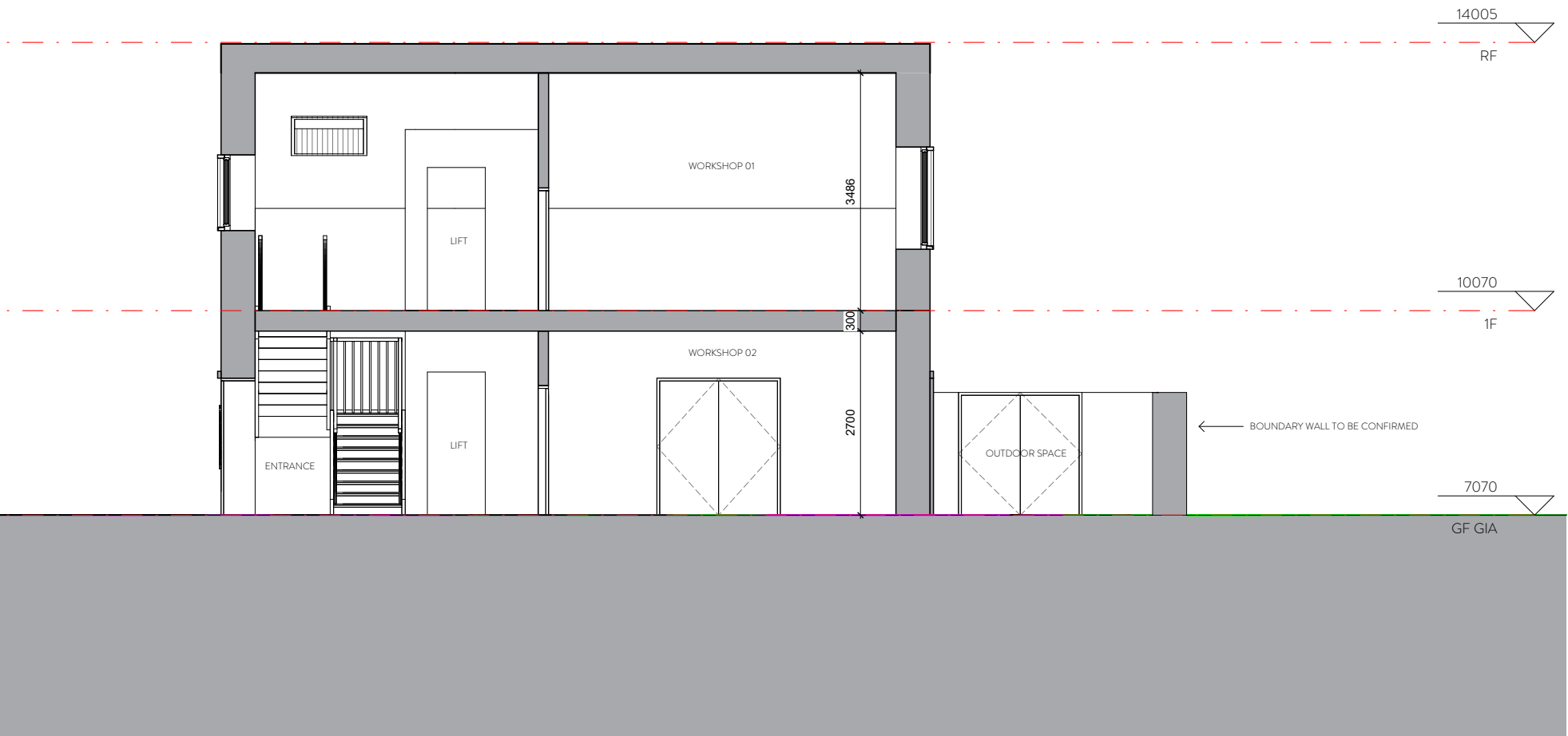
Section 01



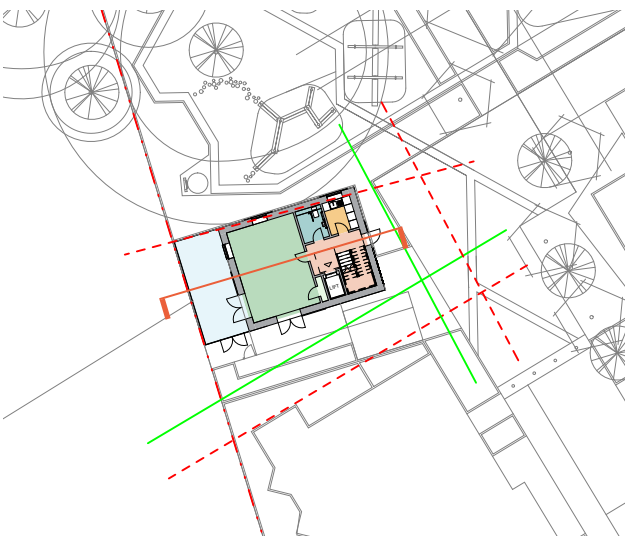
Indicative Residential Layout

PROPOSED USES

SECTION 02



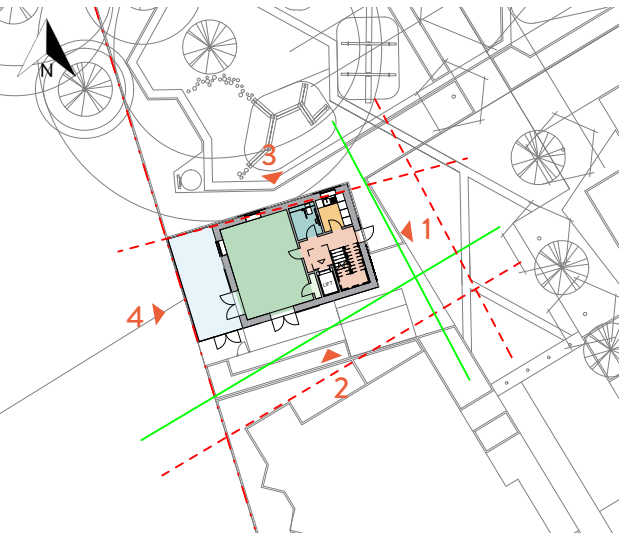
Section 02



Indicative Residential Layout

MATERIAL DEVELOPMENT

SILVERED TIMBER



Indicative Residential Layout



Silvered Timber Precedent



East Elevation

MODEL



Proposed Model