

FOOD HUB

Sacred Heart Church, Glascote



Prepared for Living Space

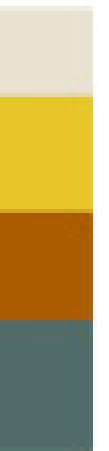
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INTRODUCTION

1 VISION

1.1 THE VISION

- 1.1.1 This vision is to create a unique design led solution which responds to the site, its context and the opportunities within.
- 1.1.2 To provide a self build facility with a high quality appearance to support the Sacred heart church in Tamworth. To create a well-informed attractive facility, with excellent connectivity throughout.
- 1.1.3 To create a stronger and more resilient community in response to the food shortage nationwide. The project will build a sense of belonging and self-sufficiency.



EXISTING FACILITIES



APPROACH TO EXISTING FOOD STORE



Existing Fridge and Storage facilities



SHELVING

REQUIRED FACILITIES



Food and Clothing Shop 48 sq. m

provisions for fresh, chilled and frozen food rails for clothing shelving for miscellaneous donations such as DVDs, books



**Storage / staff area
16 sq. m**

Staff refreshment area with sink and kettle
area for steaming clothes
area for collection/ drop-off



Bin Store 12 sq.m

Bins to serve the entire food hub as well as store areas



Compost Area 30 sq. m

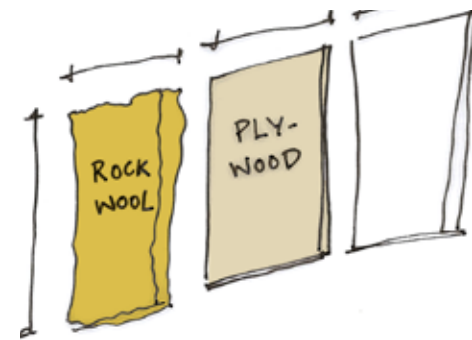
For staff to recycle food waste - not for general usage

3 DESIGN INTENTION



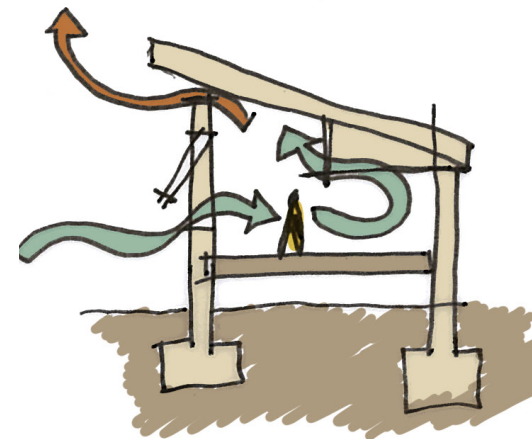
EASY TO BUILD

- Timber construction
- Regular structure
- Using standard materials/ construction methods
- Can be built with minimal machinery / expertise



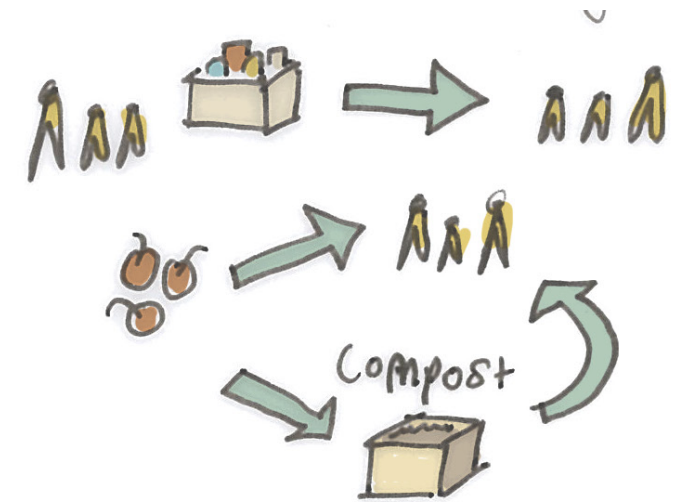
MATERIAL EFFICIENT / LOW MAINTENANCE

- Using standard timber sizes and lengths to avoid cutting and waste
- Offcuts will be re-used in landscaping
- Treated cladding can have lifespan of 50 years
- Low cost materials / can be replaced easily eg. Metal sheet roofing



ENERGY EFFICIENT

- Rainwater harvesting
- Solar shading to avoid overheating
- Natural ventilation
- Maximise natural light with high level glazing



A WELCOMING COMMUNITY SPACE

- Creating resting spaces and generous walkways
- Using natural materials to create a feeling of warmth
- Creating a friendly shop- like experience for patrons

DESIGN PROPOSALS

GROUND FLOOR PLAN

2.1 PROPOSED FLOOR PLAN

- Two simple mono- pitched roof structures connected by a shared covered space.
- 2 separate stores to increase volume
- Covered external area to frontage extending 'shop' space and inviting customers into space
- Staff room centralised to create easy access to both area as well as the bin store
- Food store has direct access to existing storage)
- Bin store is to be road facing
- Flexible spaces
- Separate steam room between staff and clothes with overlooking
- Drain at the back of the food shop for ease when cleaning floors
- Roofs to supply rainwater source
- Compost to the rear of the structure
- Highly glazed for good views in and out of the spaces
- Approachable with a covered space



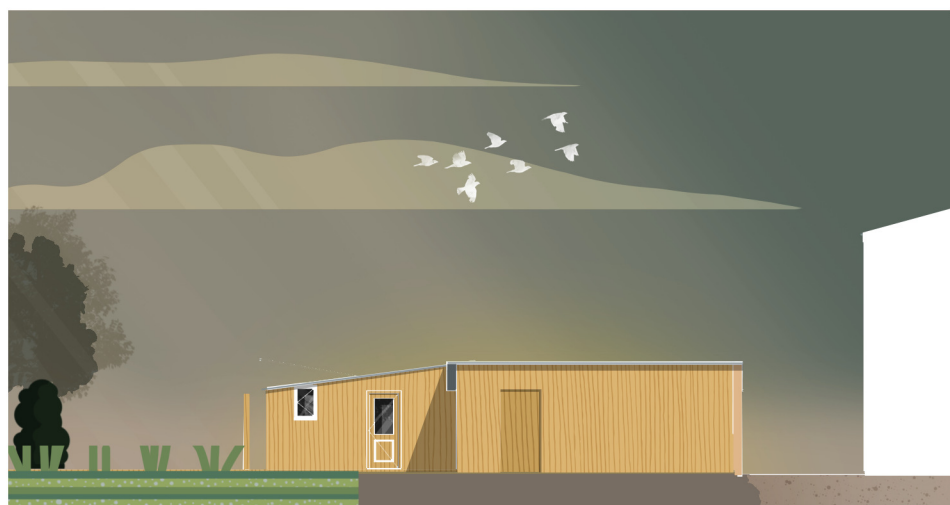
ELEVATIONS



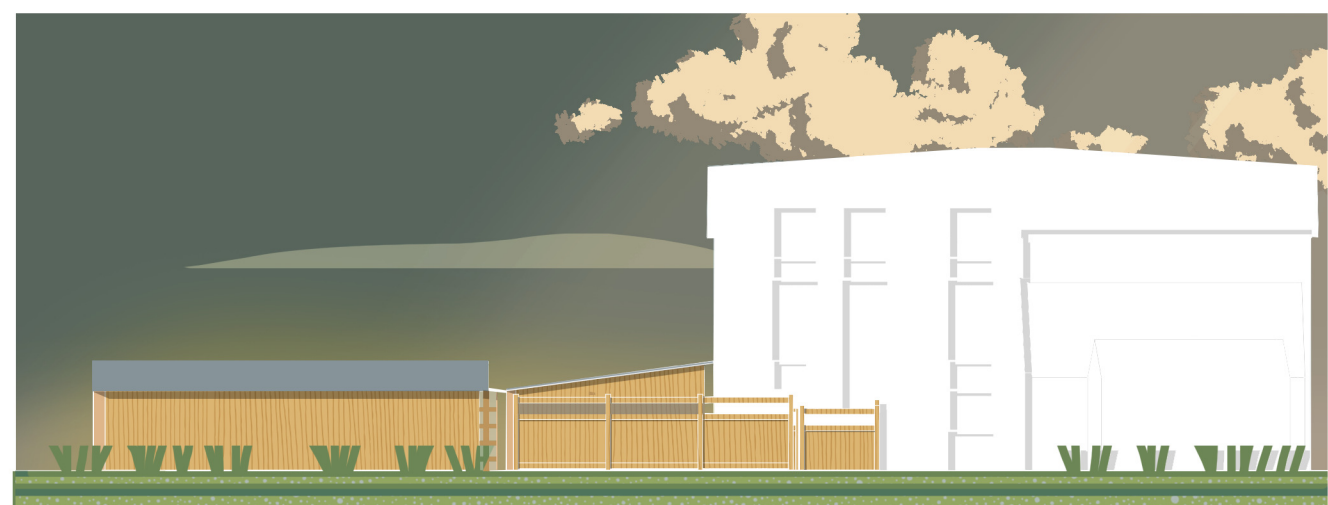
WEST - 1:200



SOUTH - 1:200

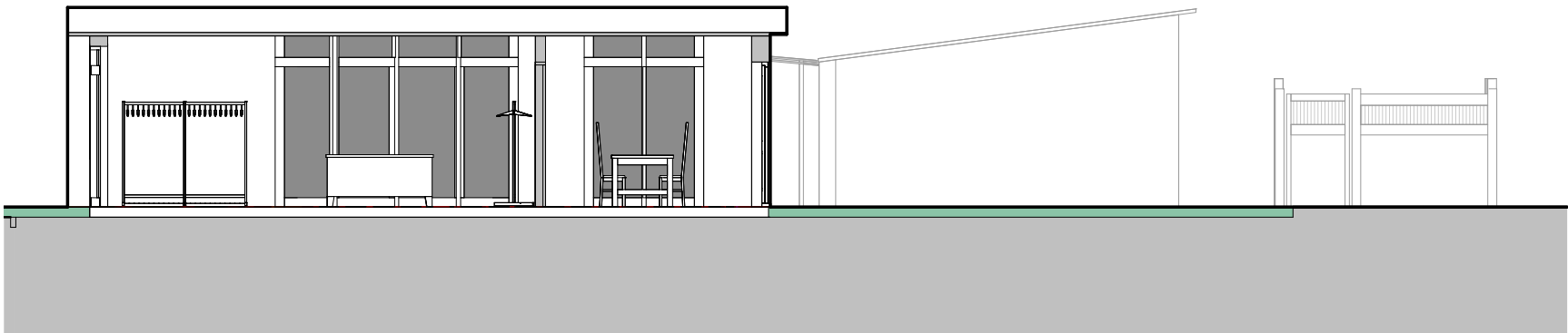


NORTH - 1:200

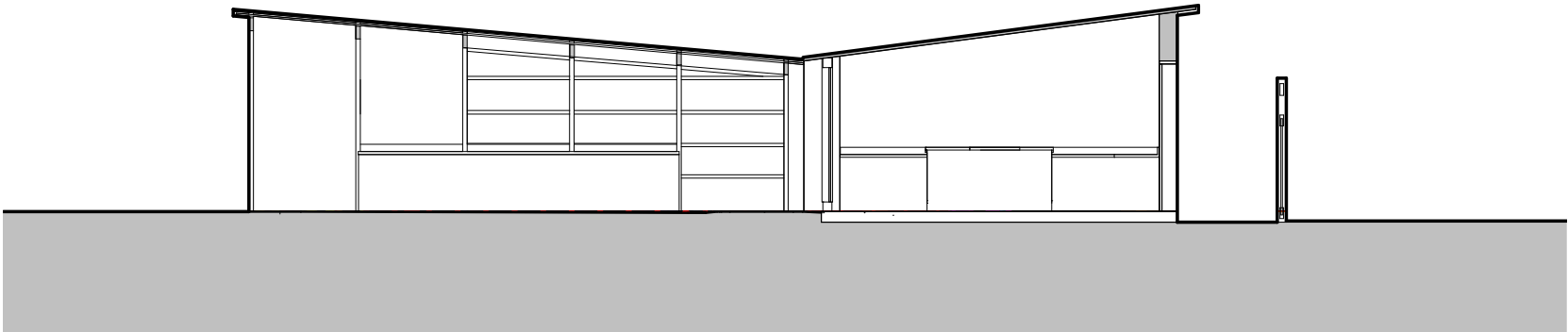


EAST - 1:200

SECTIONS



Section A-A

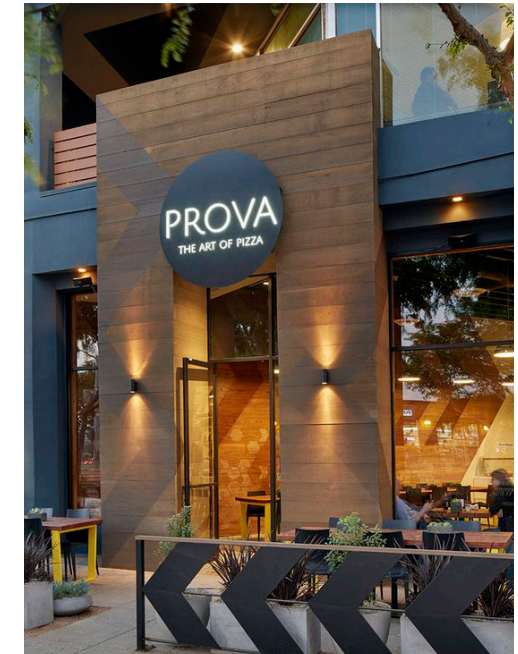
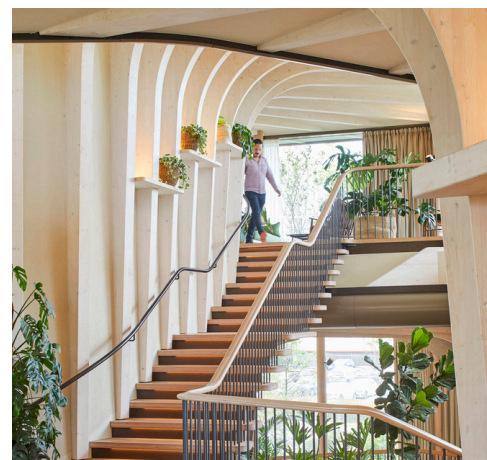
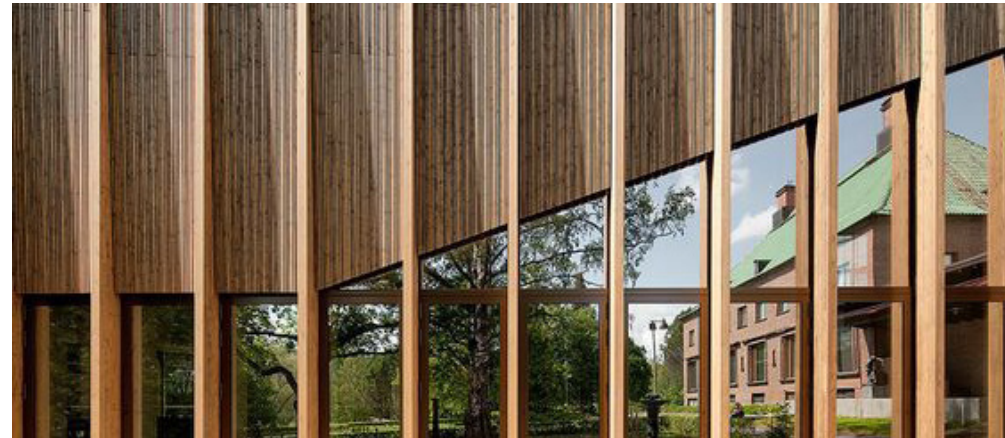


Section B-B



PRECEDENTS

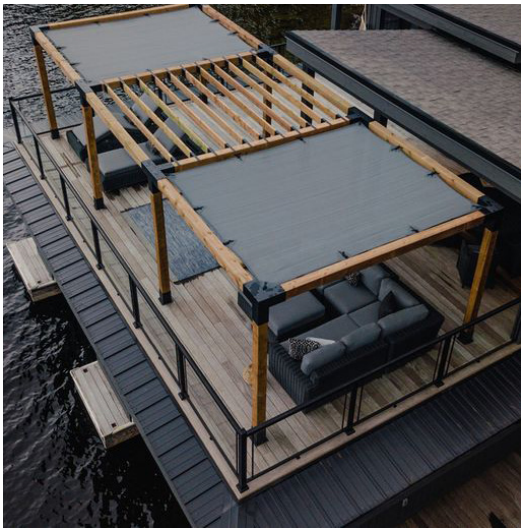
EXTERNAL DESIGN



OPTION 1 - EXTERNAL MARKET SOLID POLYCARBONATE ROOF



TENSILE FABRIC



OPTION 2 - EXTERNAL MARKET TENSILE FABRIC ROOF



COVERED MARKET SPACE



COVERED MARKET SPACE



