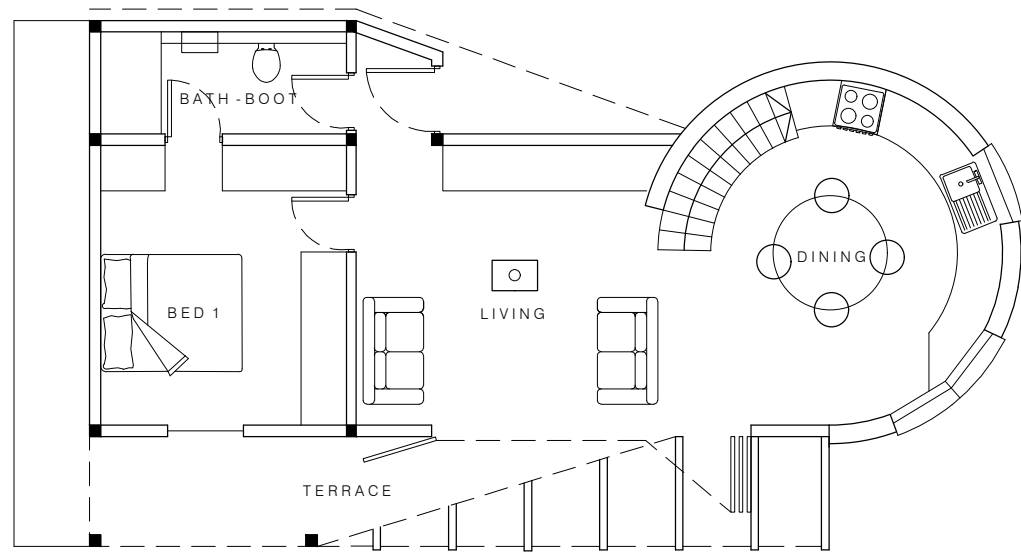
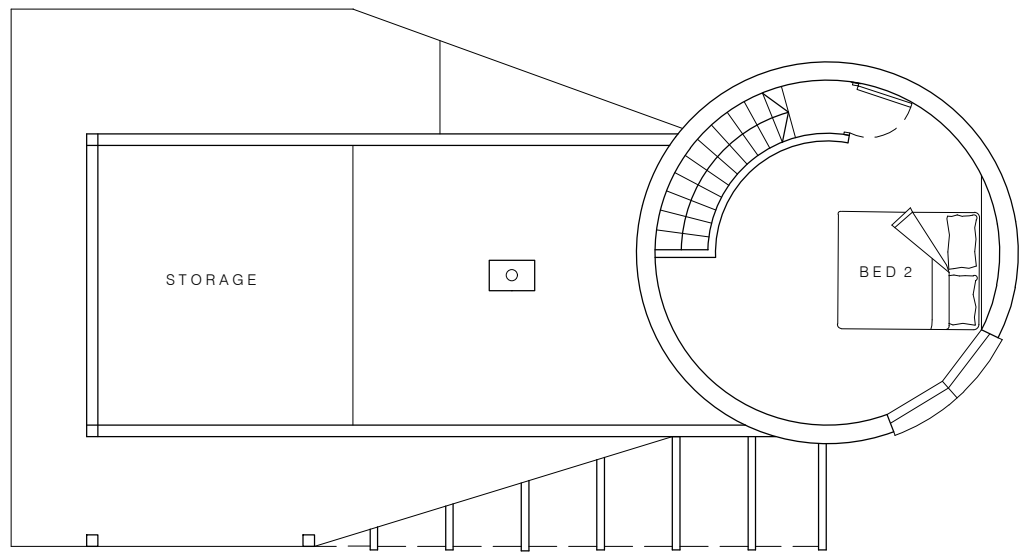
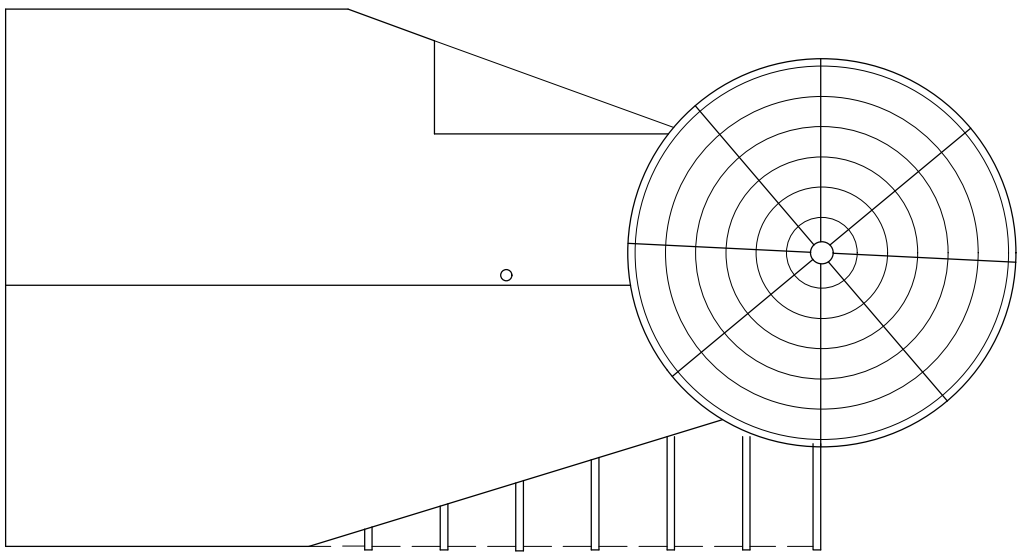




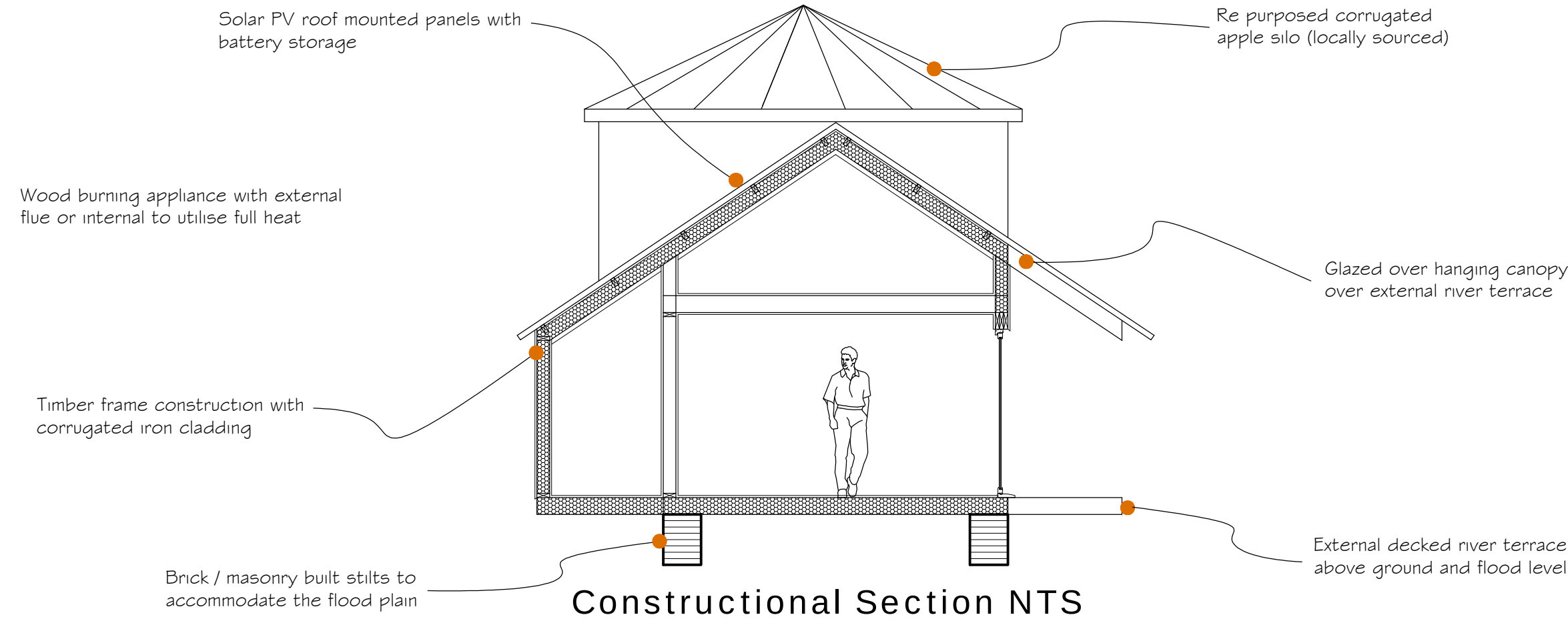
Proposed Ground Floor - scale 1:100



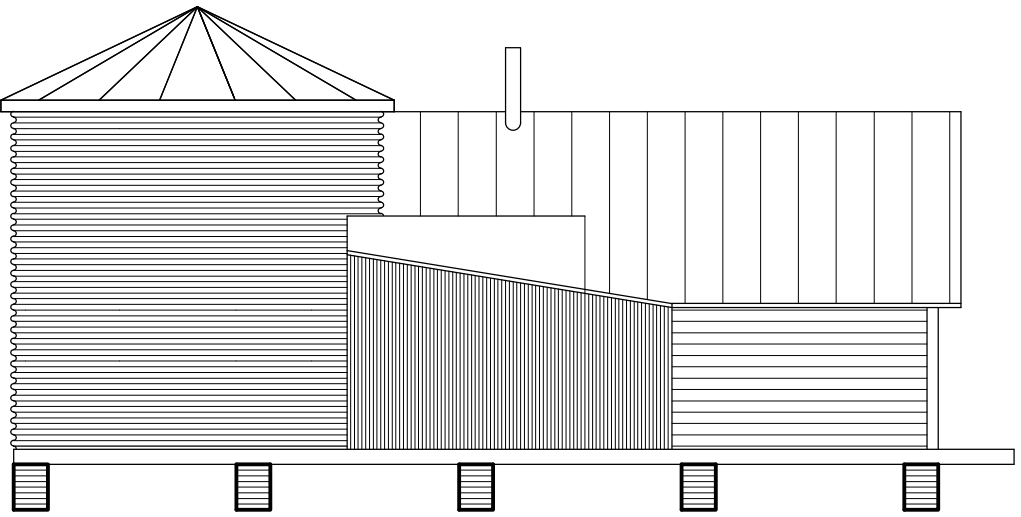
Proposed First Floor - scale 1:100



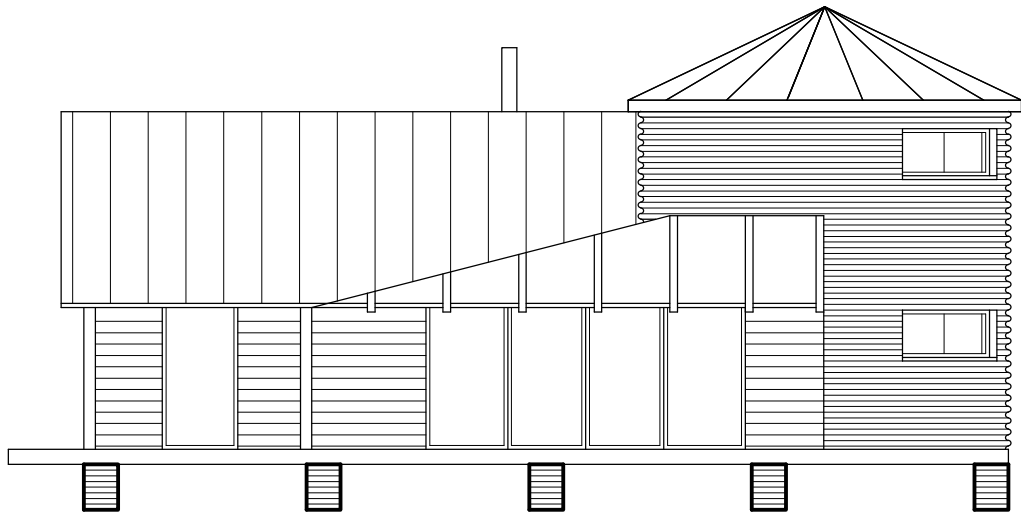
Proposed Roof Plan - scale 1:100



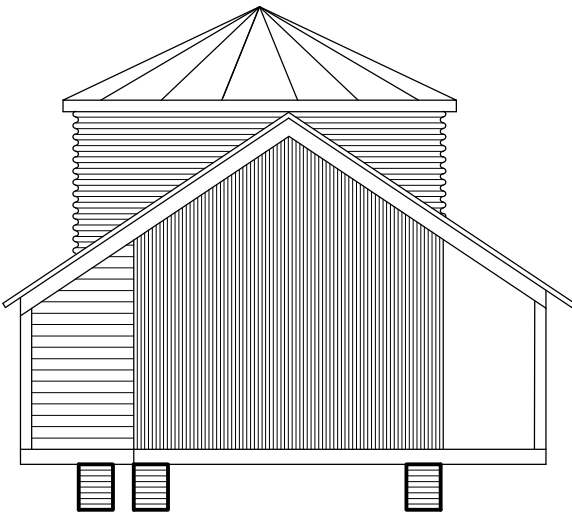
Constructional Section NTS



Proposed Front Elevation - scale 1:100



Proposed Rear Elevation - scale 1:100



Proposed Side Elevations - scale 1:100

Brief & Concept :

Design and construct an agricultural holding dwelling of architectural significance (aim for genuine 0 Carbon)

FORM: Simple footprint with rotunda wing

SUSTAINABILITY: Construction to comprise 75% reused - re-purposed materials and components. Utilise site resources to service the dwelling

ECOLOGY: Enhance wildlife and natural habitats of the site and surrounding area

Services :

HEATING: Solar & Ground Source Pump & Wood Burning appliance

WATER: Bore hole

VENTILATION: Passive ventilation

DRAINAGE: Sewage treatment plant & grey water harvesting

Materials Palette :

STILTS: Reclaimed Arlesley White bricks

WALLS: Reclaimed corrugated iron sheets

ROOF: Reclaimed corrugated iron sheets

TOWER: Reclaimed apple silo

TIMBER: Reused building timber

WINDOWS: New double glazing panels

Construction :

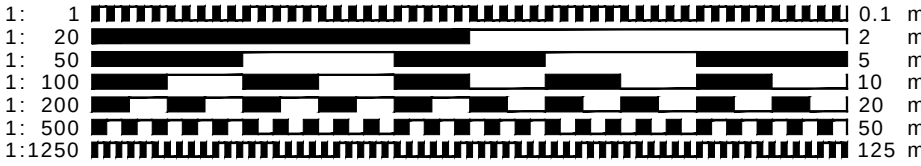
GROUND FLOOR: Reclaimed timber and PIR insulation to achieve U Value in excess of 0.18 W/m2K

WALLS: Reclaimed corrugated iron sheets and timber cladding on reclaimed timber frame to achieve U Value in excess of 0.18 W/m2K

ROOF: Reclaimed corrugated iron sheets on reclaimed timber structure to achieve U Value in excess of 0.15 W/m2K

WINDOWS AND DOORS: Double glazed units to achieve U Value in excess of 1.4 W/m2K

APPLE SILO: Internal insulated timber frame to achieve U Value in excess of 0.18 W/m2K



CLIENT MUST SEEK SEPARATE SPECIALIST ADVICE ON PARTY WALL MATTERS IN SUFFICIENT TIME TO SERVE ALL NOTICES IF REQUIRED

ALL STRUCTURAL ELEMENTS ARE INDICATIVE ONLY AND SUBJECT TO FULL STRUCTURAL DESIGN BY STRUCTURAL ENGINEER - ALL DESIGN IS SUBJECT TO STRUCTURAL DESIGN TO BE PROVIDED BY OTHERS

THIS DRAWING IS FOR PLANNING APPROVAL ONLY AND SUBJECT TO ALL OTHER RELEVANT STATUTORY APPROVALS

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PRELIMINARY

CONTRACT
Proposed Agricultural Dwelling :
Old Hale Way, Ickleford, Hitchin,
Hertfordshire

DRAWING TITLE
PROPOSED PLANS & ELEVATIONS

SCALE: varies@A2 DRAWING NUMBER: PO2

DATE: Mar 2023

DRAWN: JEI

JOB NUMBER: RSD-22-02

CHECKED BY:

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