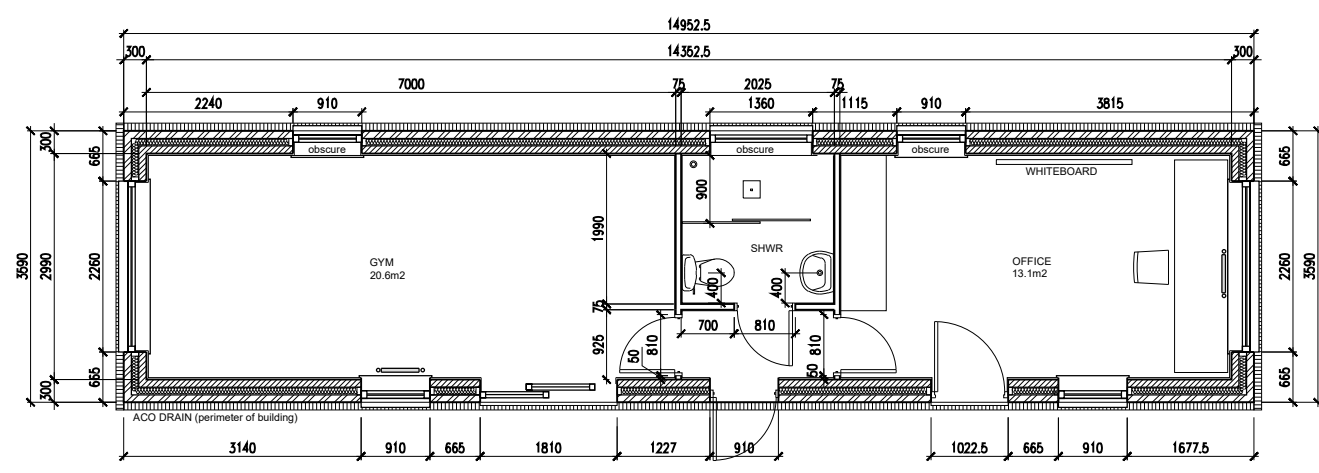


EXTERNAL MATERIALS TO MATCH MAIN HOUSE



PLAN

SINGLE PLY MEMBRANE ROOF:

- EPDM bonded on
- 18mm OSB 3 TG board on
- VCL lapped behind fascia on
- Firing strips to create 1:80 min fall 25mm-50mm on
- 175x75mm Timber joists @ 400cc tied to wall.
- Fully filled between with Kingspan rigid insulation between joists + Mineral Wool quilt insulation between firings and other gaps.
- Foiled back 15mm plasterboard to underside to create ceiling.

- *Note - OSB to be laid perpendicular to joists / firings.
- Insulation to fill all gaps.
- Engineer to confirm/design all structural sizes and fixings required.

EXTERNAL WALLS :

- 102mm Facing brickwork matching main house
- 100mm xtratherm full fill insulation (0.28 u-value)
- 100mm Medium dense blocks tbc confirmed by Engineer
- 12.5mm Plasterboard on 10mm dabs, skim finish

Note:
Stainless steel ancon wall ties 450cc V. 900cc H.
Weep holes @ 900cc (min 2 above openings)
with cavity tray lapped up 150mm min.

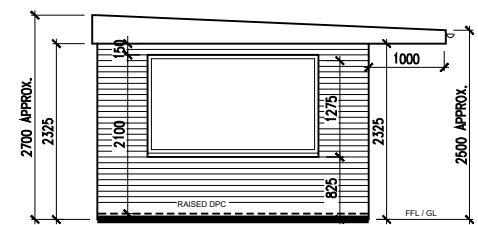
INTERNAL WALLS:

- 75X38MM stud partitions (25mm isowool within centre of frame)
- 15mm ply boarding,
- 12.5mm plasterboard either side, skim and paint.
- (for better sound ratings use 15 sounbloc plasterboard instead)

GROUND FLOOR (BELOW SCREED INSULATION):

- 75mm reinforced structural screed,
- 500g building paper,
- 100mm min. rigid insulation (0.14 u-value)
- plus 25mm perimeter upstand polystyrene insulation,
- 1200g d.p.m (lapped up 150mm above FFL - raised DPC)
- 150mm reinforced concrete slab
- 150mm min. fully consolidated granular compacted hardcore

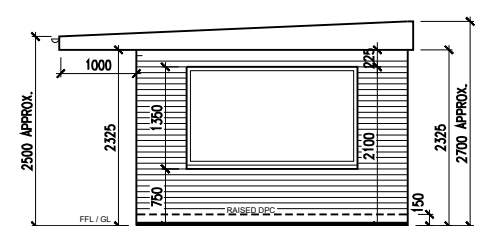
Windows and door to have trickle vents



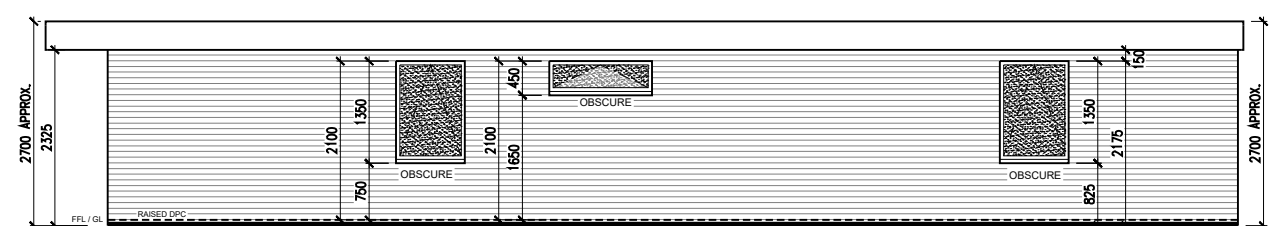
LHS ELEVATION



FRONT ELEVATION



RHS ELEVATION



REAR ELEVATION

D900
SCALE 1:100@A3
DATE JUNE 2022

Property at:
13 EASTCOTE LANE
HAMPTON IN ARDEN
B92 0AS