

1 No. Air Source Heat Pumps to serve the Leisure Barn Heating / Cooling and hot water demand

1 No. Air Source Heat Pumps to serve the Cart Shed Heating / Cooling and hot water demand

1 No. Outdoor Condenser Unit for Heating / Cooling of the Apple Barn

2 No. Outdoor Condenser Units for Heating / Cooling of the Main House

16 No. boreholes for ground source heat pump system (Approx. output 80kW)

Ducts in two trenches with pipes for Main House and Apple Barn respectively for heating / cooling. Allowed as 500mm wide by 1m deep trench for installation of pipes

Boreholes pipe manifold into plantroom of Leisure Barn. Allowed as 500mm wide by 1m deep trench for installation of pipes

Indicative location for the boreholes, exact number and depth to be confirmed by specialist as design is developed

- Notes:
1. This drawing shall not be used for construction purposes
 2. Do not scale from this drawing either paper or digital form
 3. This drawings to be read in conjunction with relevant drawings and technical specifications

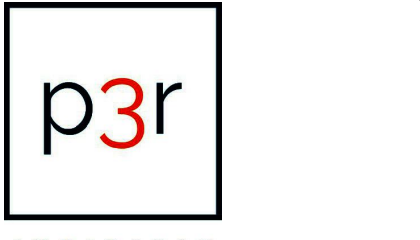
P2	13/03/2024	Planning Stage 3 Issue
P1	05/12/2023	Design Concept Issue
Revision	Date	Details

Status **FOR INFORMATION**

Project
2324 West Bradley House

Drawing Title
Primary Heating Strategy-
Borehole GSHP and ASHPs

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Scale: 1:250@A1	Drawn by: RC	Checked by: KE
Date: Mar 2024	Drawing No. 2324-C-8220	Revision: P2