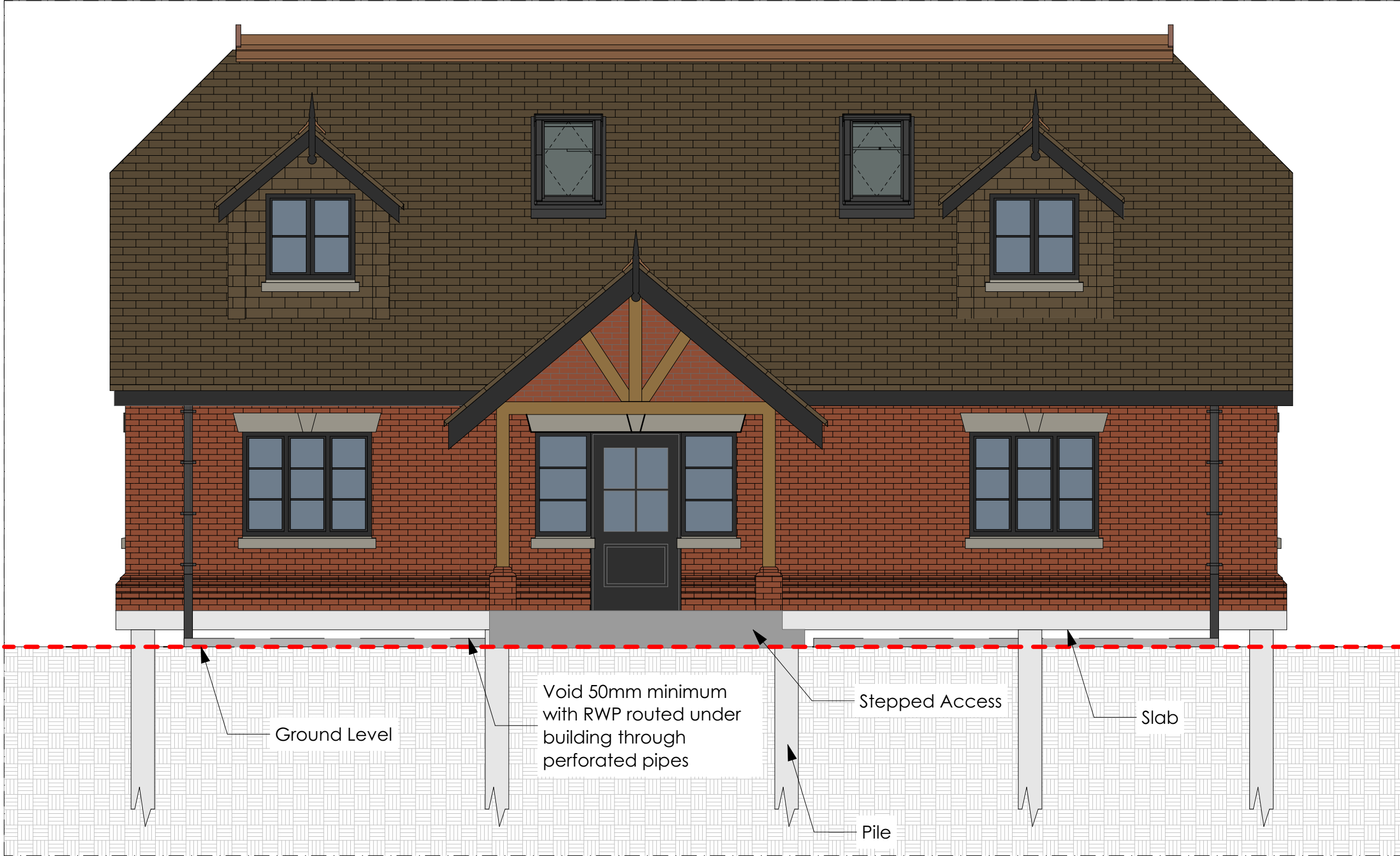




Detail for Arboricultural Survey and Impact Assessment

In order to construct the new house within the RPAs, an above ground cast concrete slab 225/250mm thick on mini piles to avoid unnecessary excavation and harm to any tree roots.

The mini piles must be hand dug to 1m to allow for the careful positioning of the piles to avoid any significant tree roots (roots 25mm diameter or larger). Any roots less than 25mm diameter will also be avoided where possible, however if absolutely necessary, these can be cut back to the edge of the mini pile hole using sharp bypass secateurs.

Installation of the mini piles will be carried out using specialist equipment, such as a small piling rig with remote power unit with less weight on the ground at the point of piling, whilst working from a surface of ground protection. The ground clearance is sufficient to be able to use the piling rig beneath the canopies of the adjacent trees without mechanical damage to the canopies.

The above ground cast concrete slab construction will have an air gap of at least **50mm** beneath the structure and have rainwater routed underneath the slab to discharge through perforated pipes. This will ensure that access to air and water is maintained within the RPAs of these trees.

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All dimensions to be checked on site and any discrepancies to be reported before work commences.

Notes:

1:50

0 .5 1 1.5 2 2.5m

RevID	Date

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RICS

Client:

Justin Rogers

Job Title:

Update Project Name

Drawing Title:

Elevation with Foundation Detail

Drawing Date:	Status:	
13.01.2023		
Issue Date:	Drawn By:	Scale:
18/07/2024	MW	1:50@A3
Drawing No:		Rev:
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