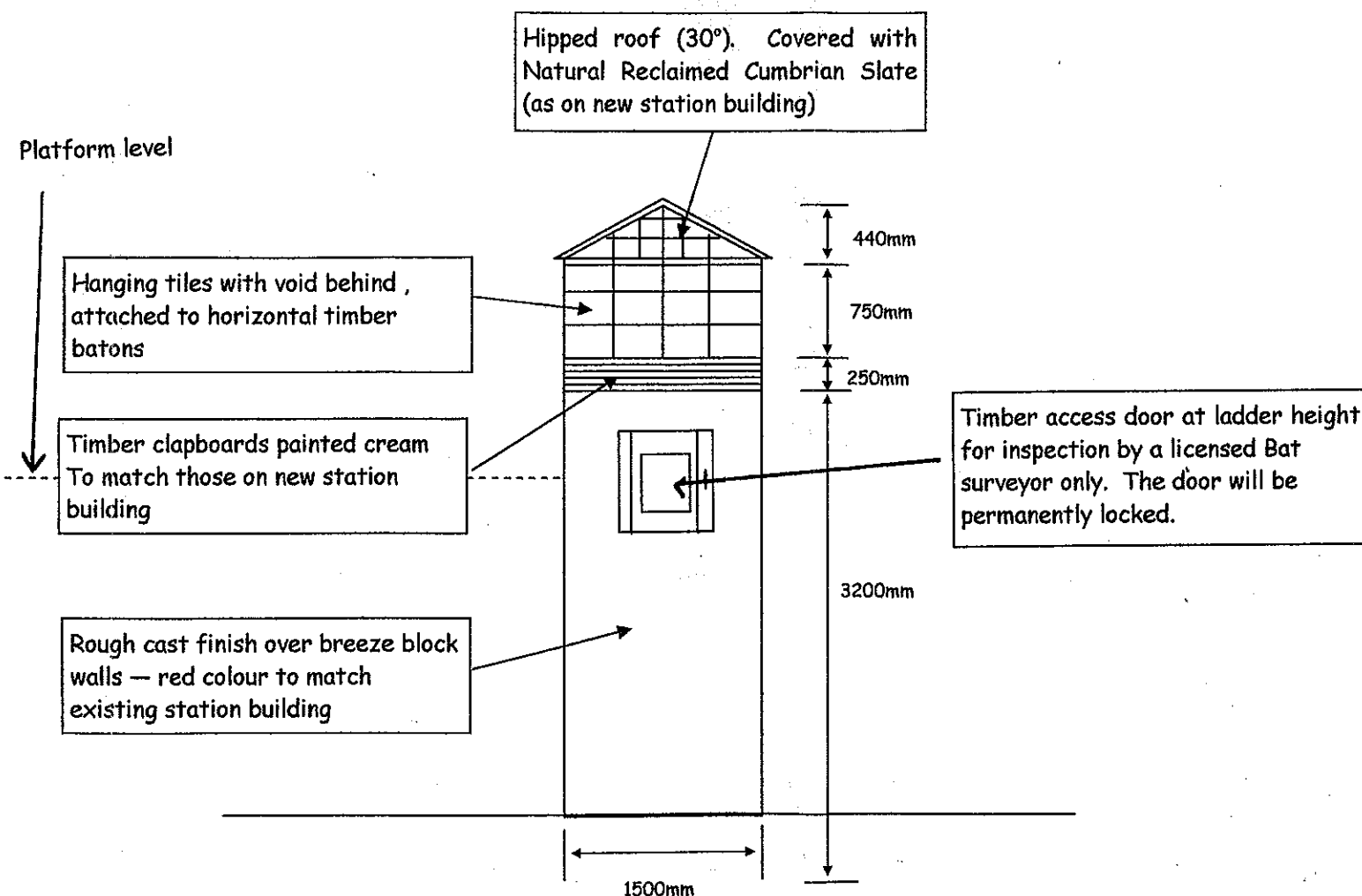


Figure E10.4 Elevation plan of the Bat Tower illustrating the proposed access door for inspection

FEATURES OF THE BAT TOWER

The 'bat tower' will incorporate the following features, specifically designed to replicate the conditions in the roost which will be lost. The bat access to the roost will be positioned in the same location as the current access to the roost in the old station building. This aims to maximise the chance of the bats returning to the roost in 2006.

- The bat tower will be a block built structure with reinforcements in the base.
- The base of the tower will be 1.5 metres square.
- The tower will stand a height of 4.44 metres above ground level (car park level).
- The upper 1 metre section of the tower will form a compartment for roosting bats, this will be separated from the remainder of the tower by a timber floor with a hatch for inspection and access to clear bat droppings (as necessary).
- Hanging tiles will be attached to the top section of the tower, one hanging tile on the car park elevation will support a small bend where bats can enter the roost.
- The tower will be heated as required with low wattage tubular heaters.
- The upper 1 metre cubed section of the tower will support plywood constructed features for roosting. These will include plywood baffles of decreasing lengths hanging down from the ceiling of the roost to create 20mm wide voids above the heaters. The installation of different lengths of baffles at various distances from the heaters and the walls of the tower will ensure a variety of conditions for the bats are created.
- A timber door for inspection will be positioned beneath the upper 1 metre section, this will be accessed by ladders from ground level.
- The tower will have a hipped roof covered with Natural Reclaimed Cumbrian Slate to match the new station building
- A portion of the tower will be covered with cream painted timber clap boards to match the new station building.
- The lower walls of the tower will be covered with rough cast to match the existing new station building.

**BECK SIDE ELEVATION**