
Series 1600: Piling and Embedded Retaining Walls

1 Casings and Linings

Casings and linings are to be regarded as temporary unless the Contract states specifically that they are to be left in place.

2 Steel Bearing Piles

If it is anticipated that the final lengths of the steel bearing piles may differ from those originally required in the Contract then items for lengthening or shortening should be included. In the case of cutting or burning off surplus, the number admeasured should be of those piles reaching a set at a length shorter than originally required and accepted by the Overseeing Organisation. The item for cutting or burning off surplus piles applies to both steel bearing piles and lengthened steel bearing piles.

3 Embedded Retaining Walls

For diaphragm walls, if other shapes in plan other than T-shaped or L-shaped are required by the design (e.g. U-shaped), the wording of paragraph 63 of Series 1600 may need to be amended as a departure. In cases where the shape is more complex it may remove uncertainty if the developed length is also indicated on the relevant contract drawing.

Where an embedded retaining wall is required to have a finishing thickness, such as a brick panel, this work should be separately measured in accordance with the units, measurement and itemisation set out in the relevant Series of the Method of Measurement. The cleaning and treatment of the embedded retaining wall face is included in the item coverage in paragraphs 65, 69 and 73 of Series 1600 and need not be separately measured.

4 Instrumentation for Piles and Embedded Retaining Walls

Instrumentation for piles and embedded retaining walls should be measured in accordance with the units, measurement and itemisation set out in Series 600 (paragraphs 148 to 164) expanded as necessary.

5 Propping and Anchorages for Embedded Retaining Walls

Props for embedded retaining walls should be measured in accordance with the units, measurement and itemisation set out in the relevant series of the Method of Measurement.

Anchorages for embedded retaining walls should be measured in accordance with the units, measurement and itemisation set out in Series 600 (paragraphs 128 to 139) expanded as necessary.

6 King Post Walls

King Post Walls are most often based as temporary upholding works and measurement is only required in other cases where they form part of the permanent works. In situations where temporary King Post Walls are designed by the Overseeing Organisation consideration should be given to include a Special Preliminaries item.