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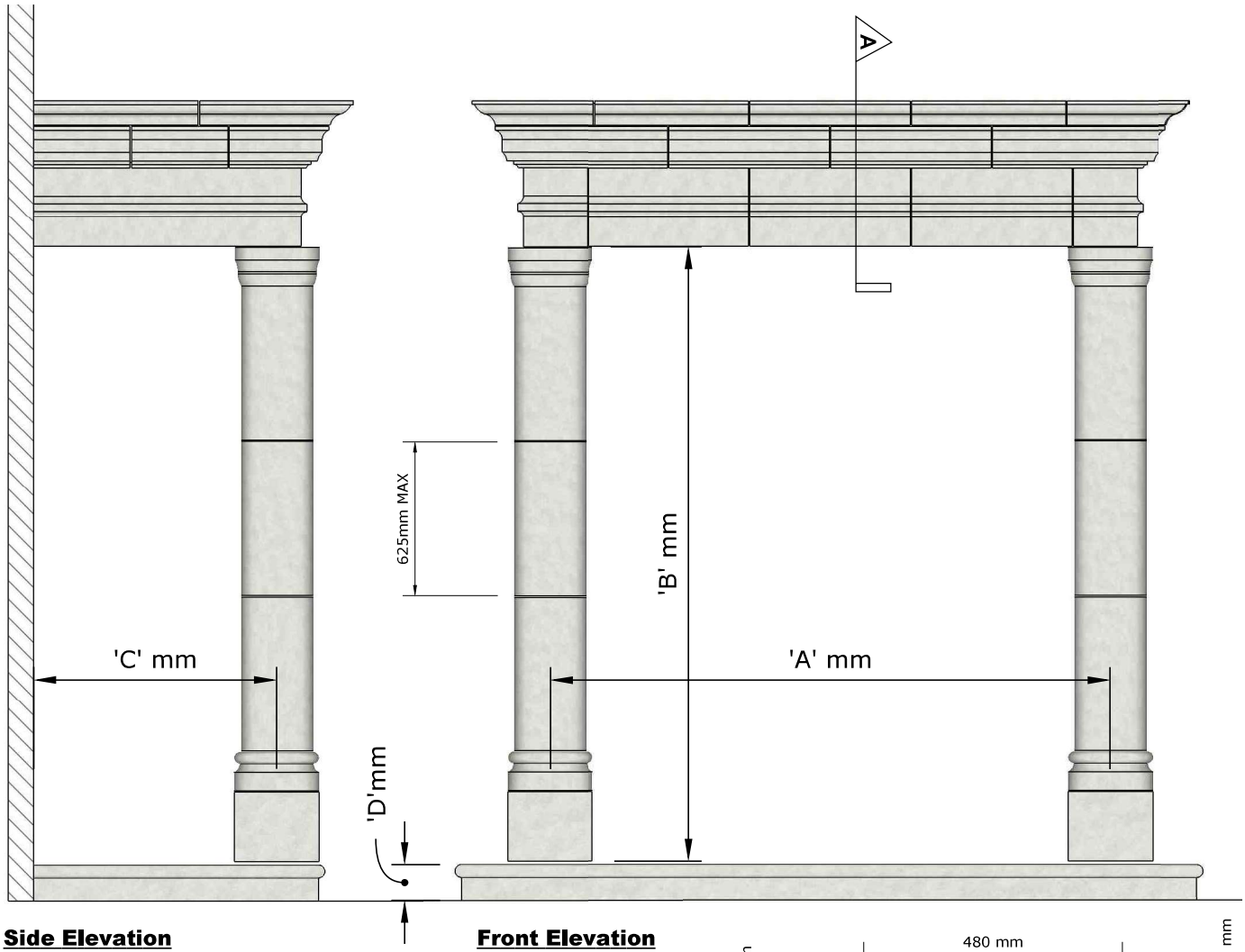
Portico height can be adjusted by adjusting the length of the column shaft sections or the pedestals.

Columns can be made solid or with a hollow core

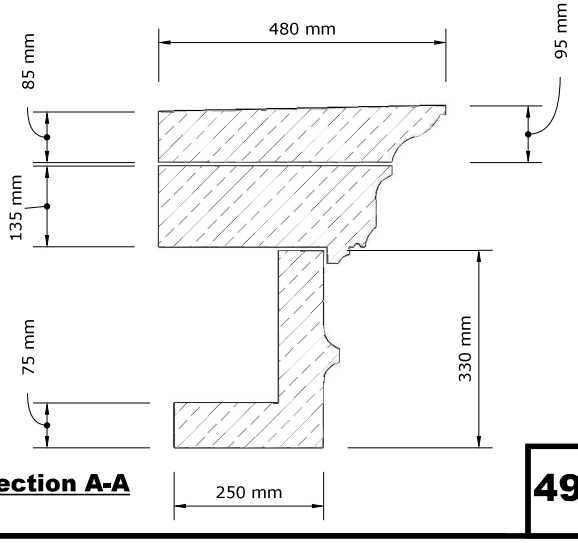
Please state dimensions A, B, C & D (if required)

The floor shown is optional



Side Elevation

Front Elevation



Section A-A

TITLE: Portico 1

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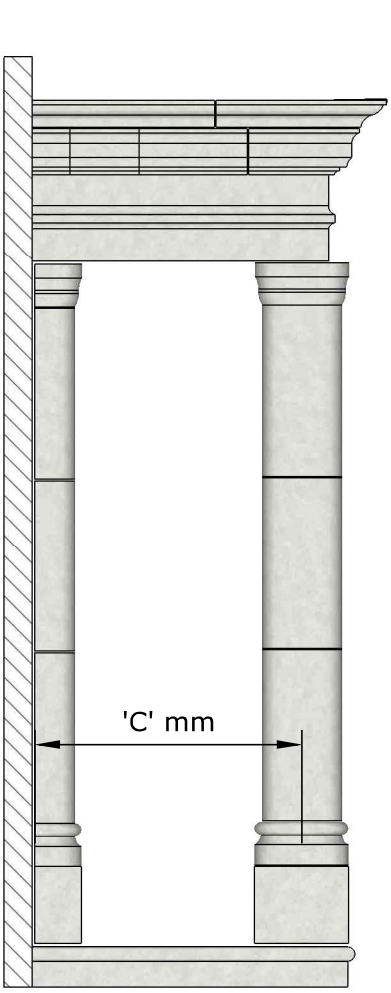
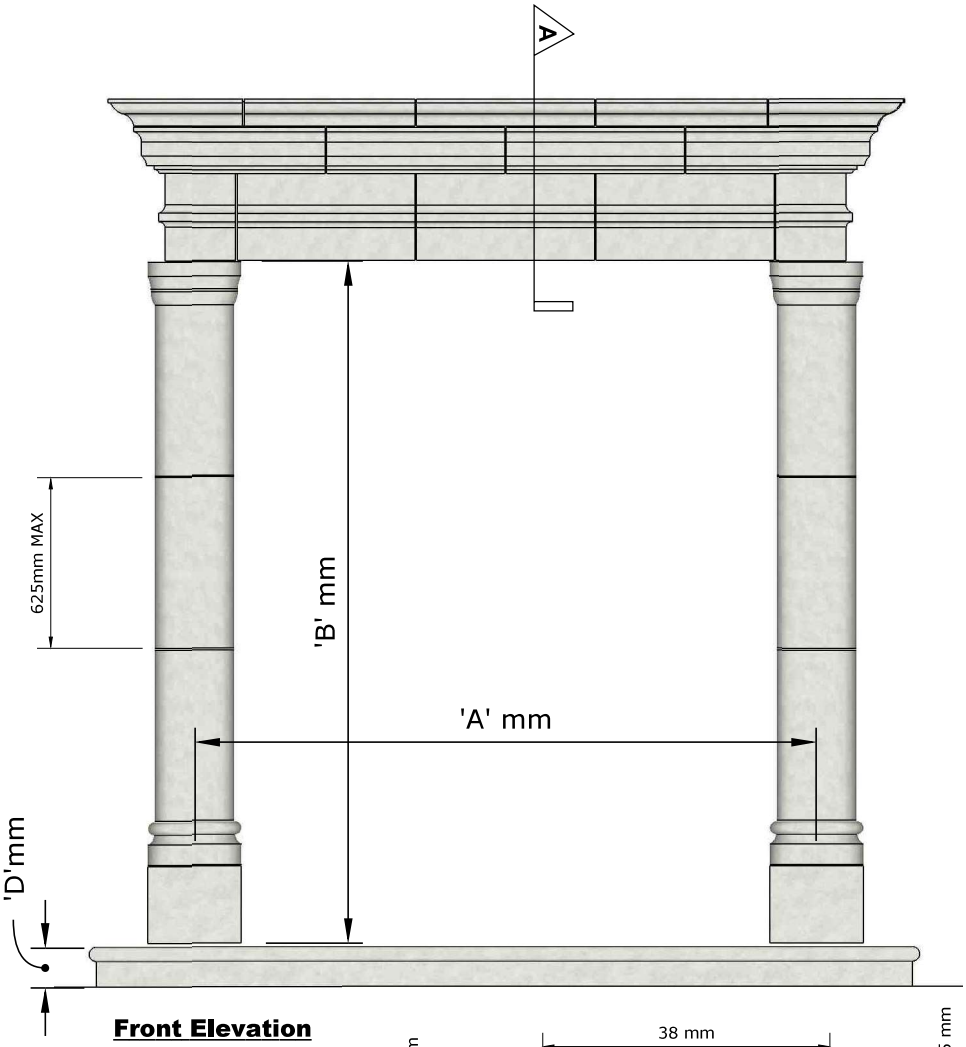
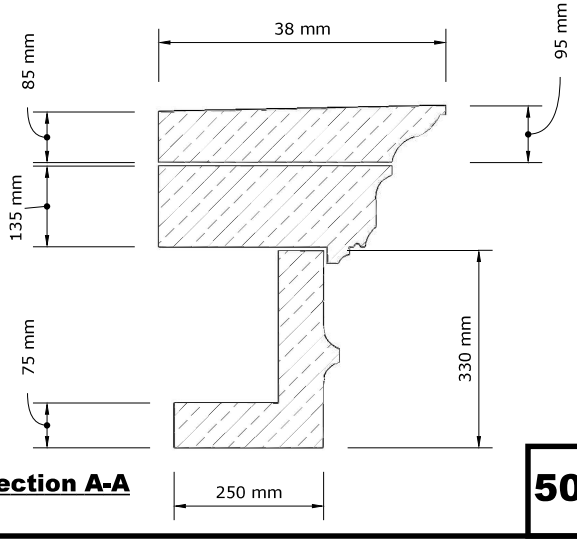


Side Elevation



Front Elevation



Section A-A

TITLE: Portico 1 With Half Columns

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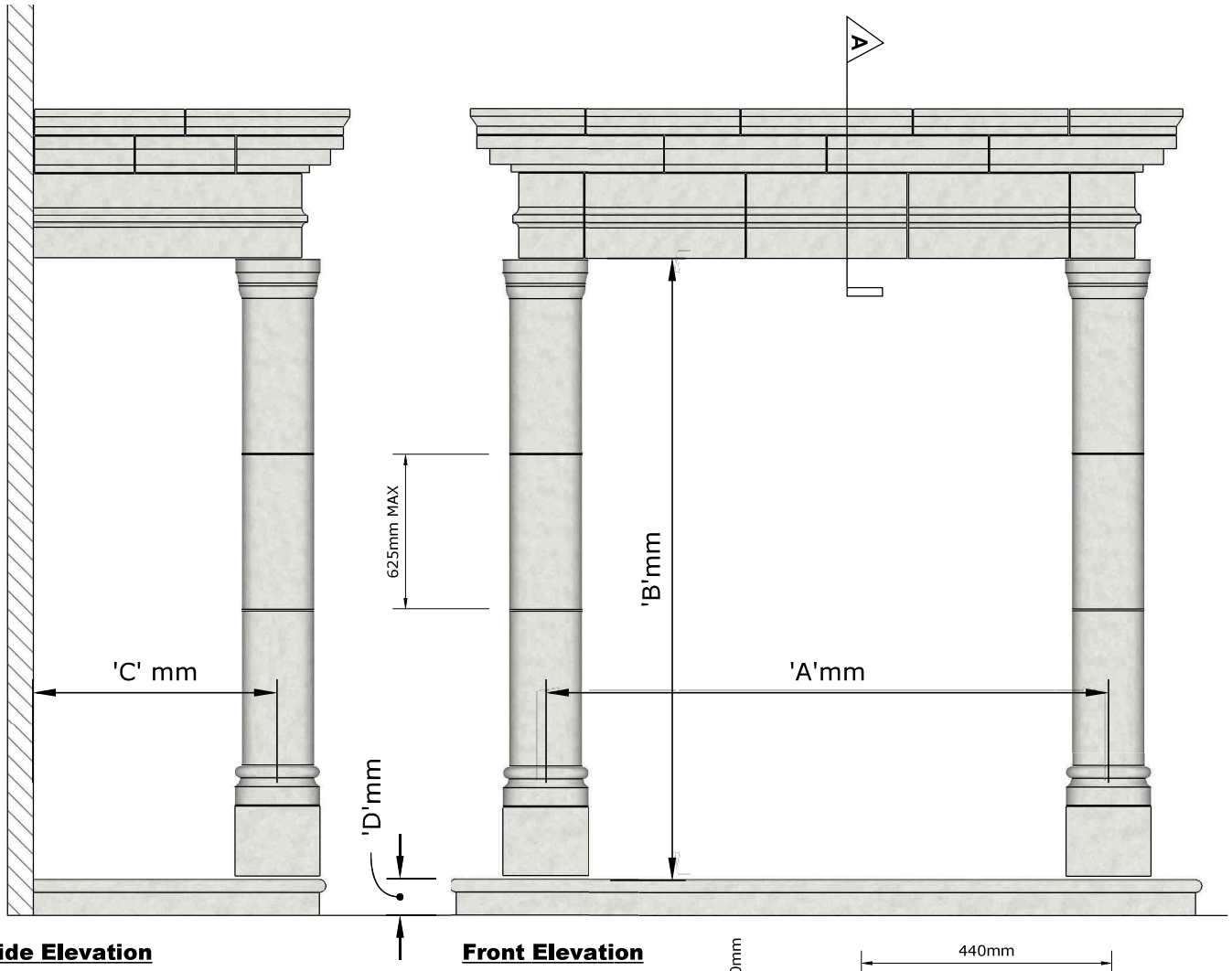
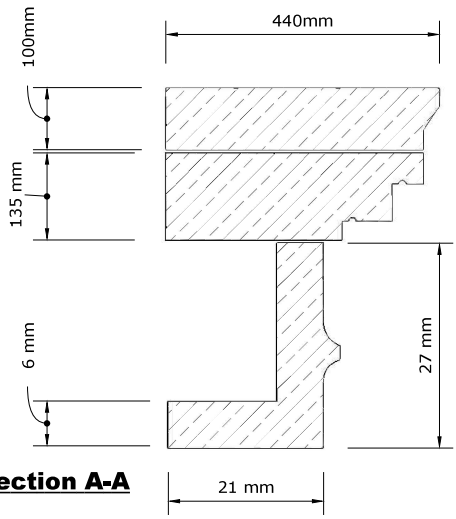
Please state dimensions A, B, C & D (if required)

The floor shown is optional



Side Elevation

Front Elevation



Section A-A

TITLE: Portico 2

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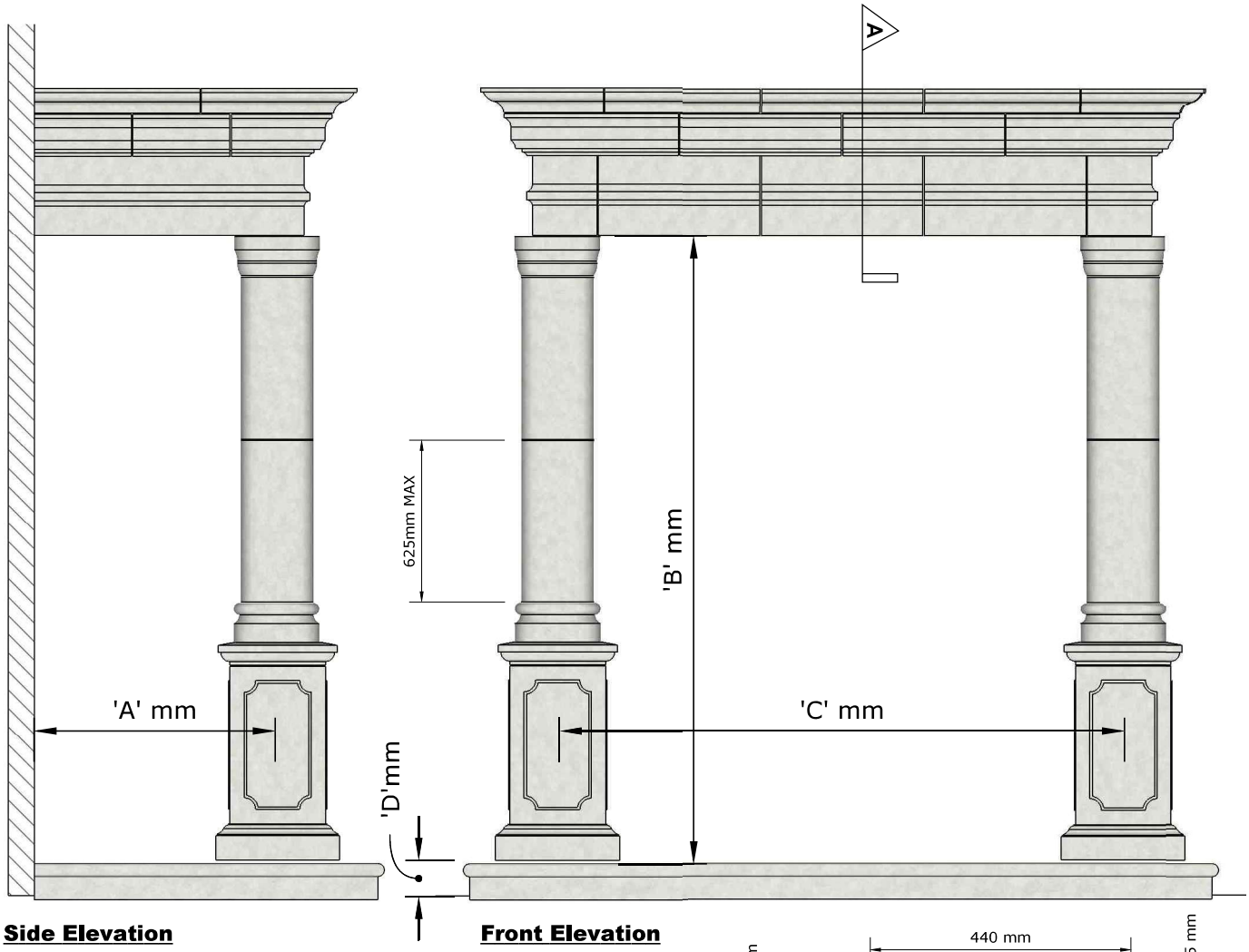
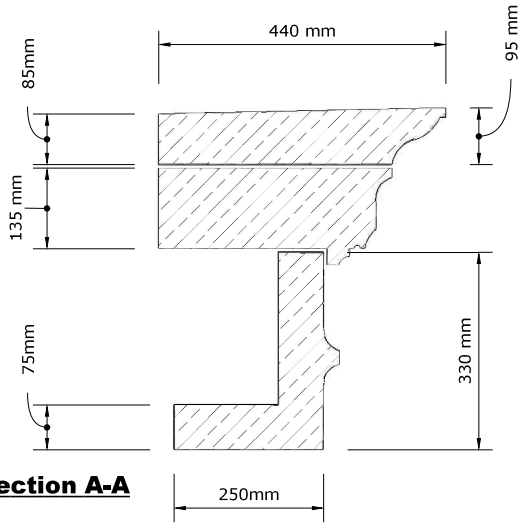
Please state dimensions A, B, C & D (if required)

The floor shown is optional



Side Elevation

Front Elevation



Section A-A

TITLE: Portico 3

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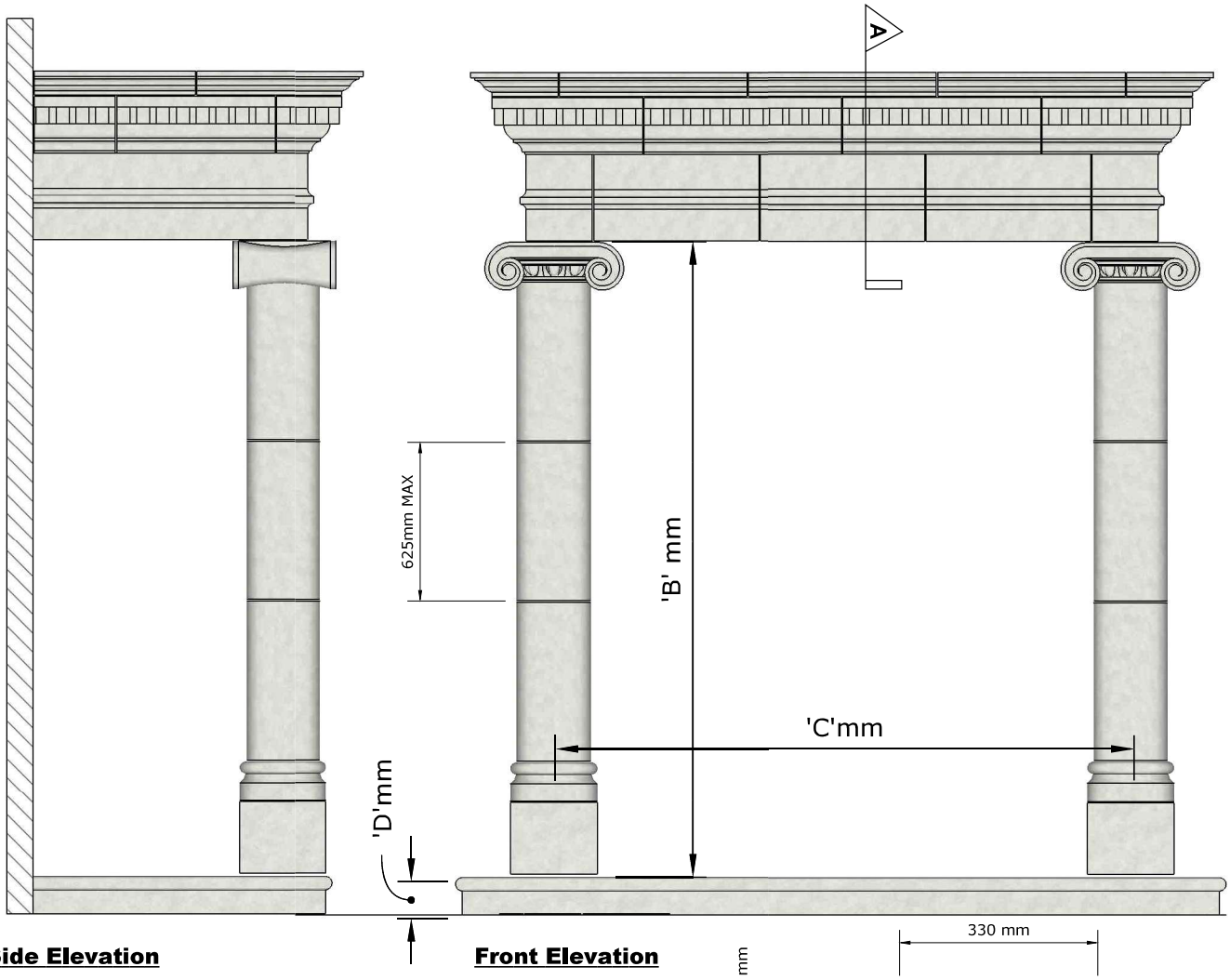
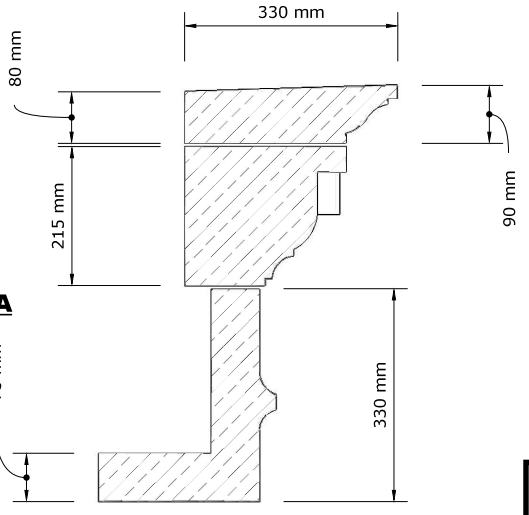
Please state dimensions A, B, C & D (if required)

The floor shown is optional



Side Elevation

Front Elevation



Section A-A

TITLE: Portico 4

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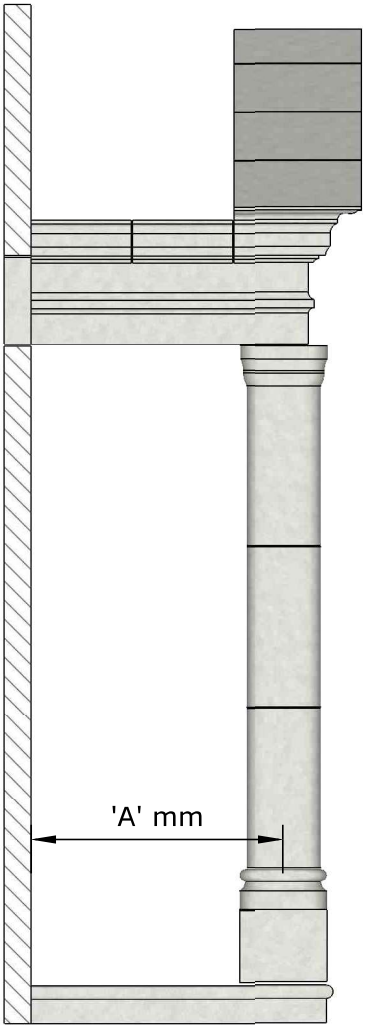
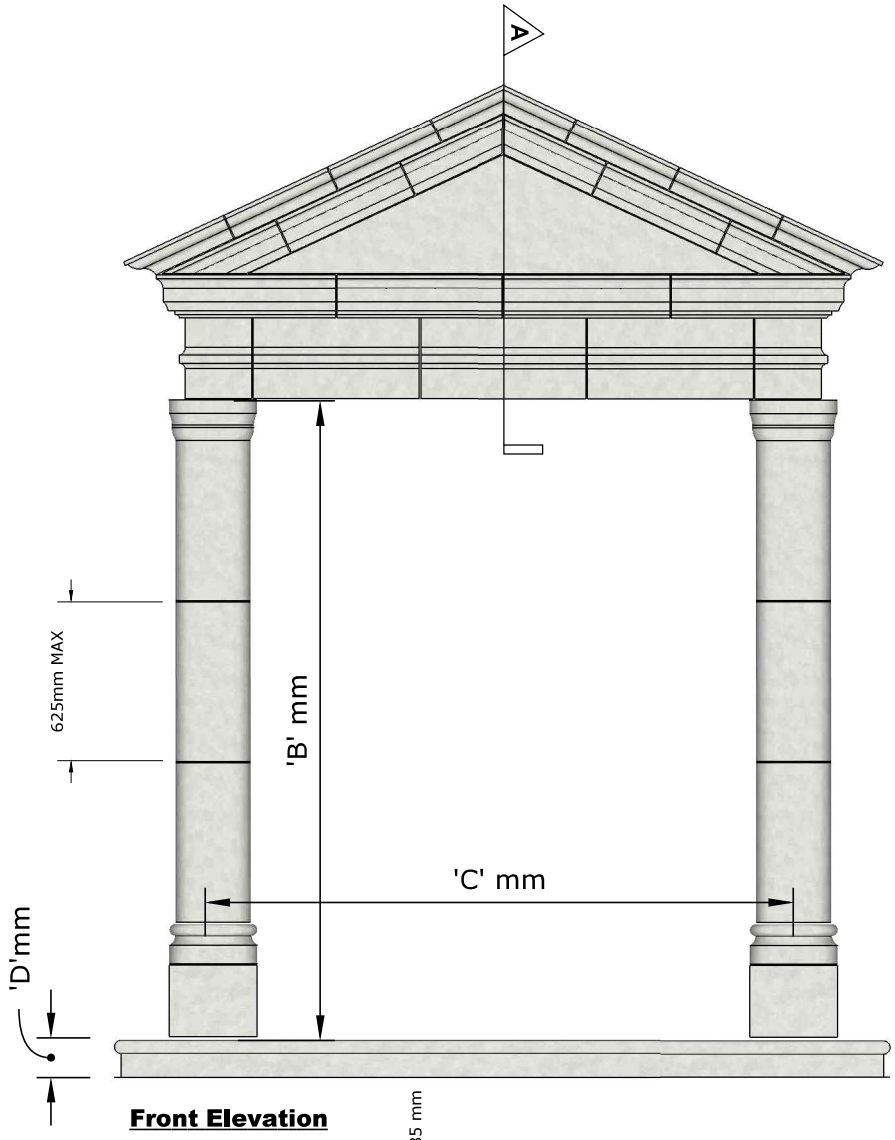
Columns can be made solid or with a hollow core

Please state dimensions A, B, C & D (if required)

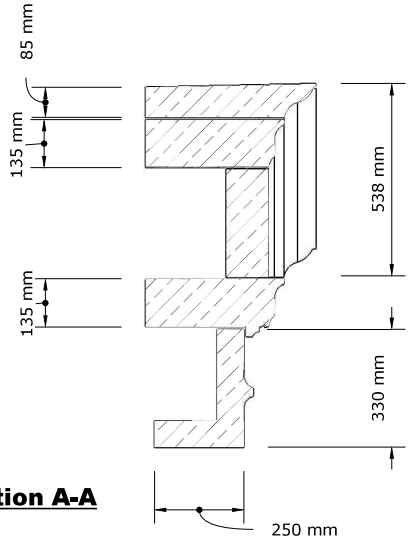
The floor shown is optional



Side Elevation



Front Elevation



Section A-A

TITLE: Portico 5

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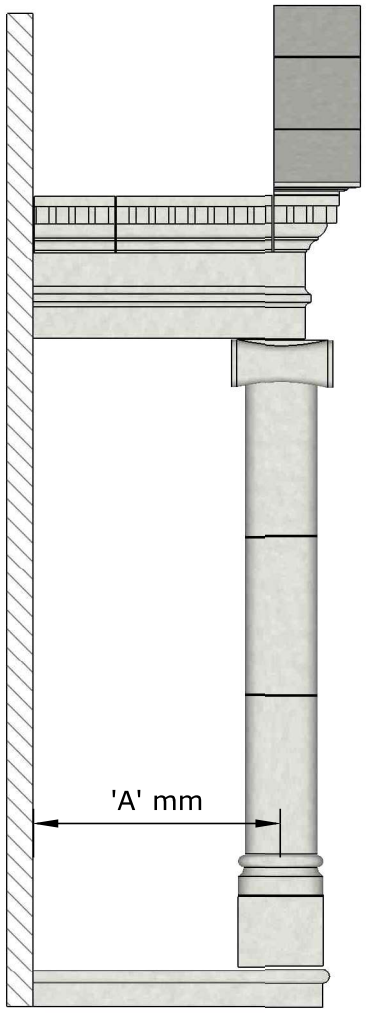
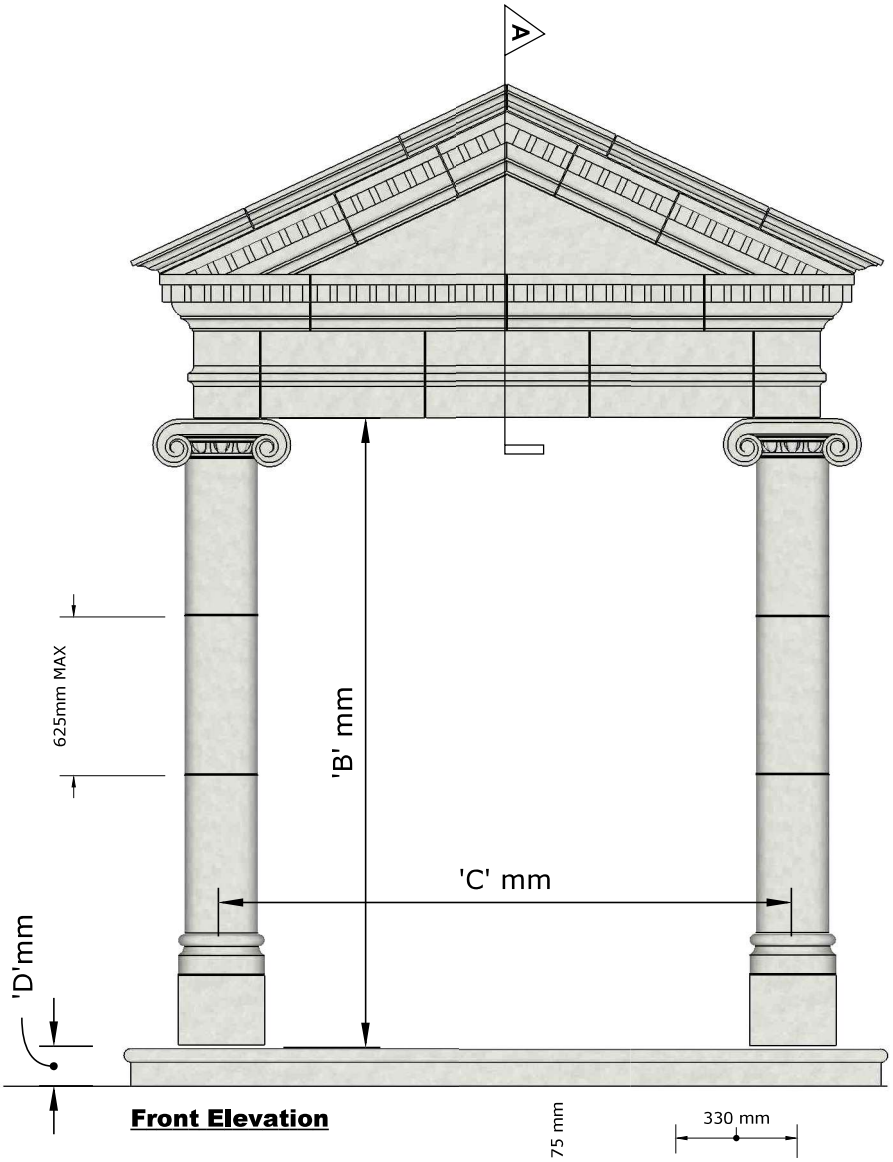
Columns can be made solid or with a hollow core

Please state dimensions A, B, C & D (if required)

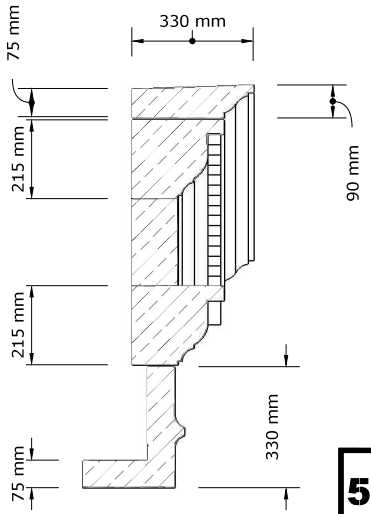
The floor shown is optional



Side Elevation



Front Elevation



Section A-A

TITLE: Portico F

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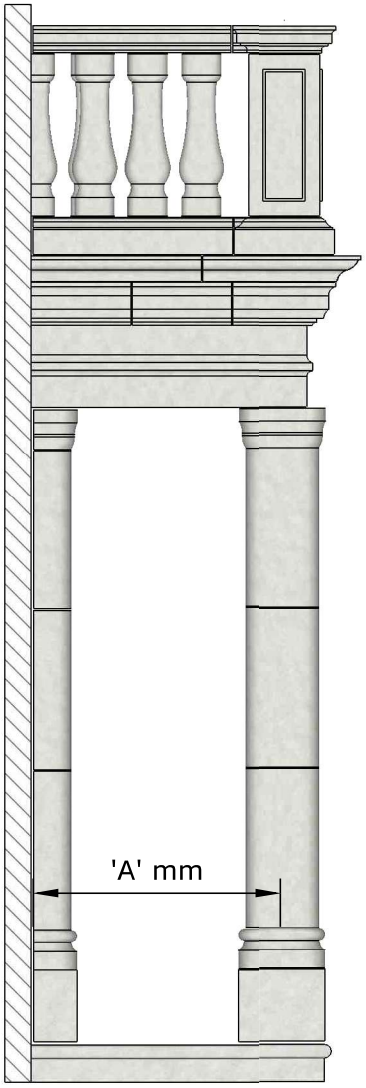
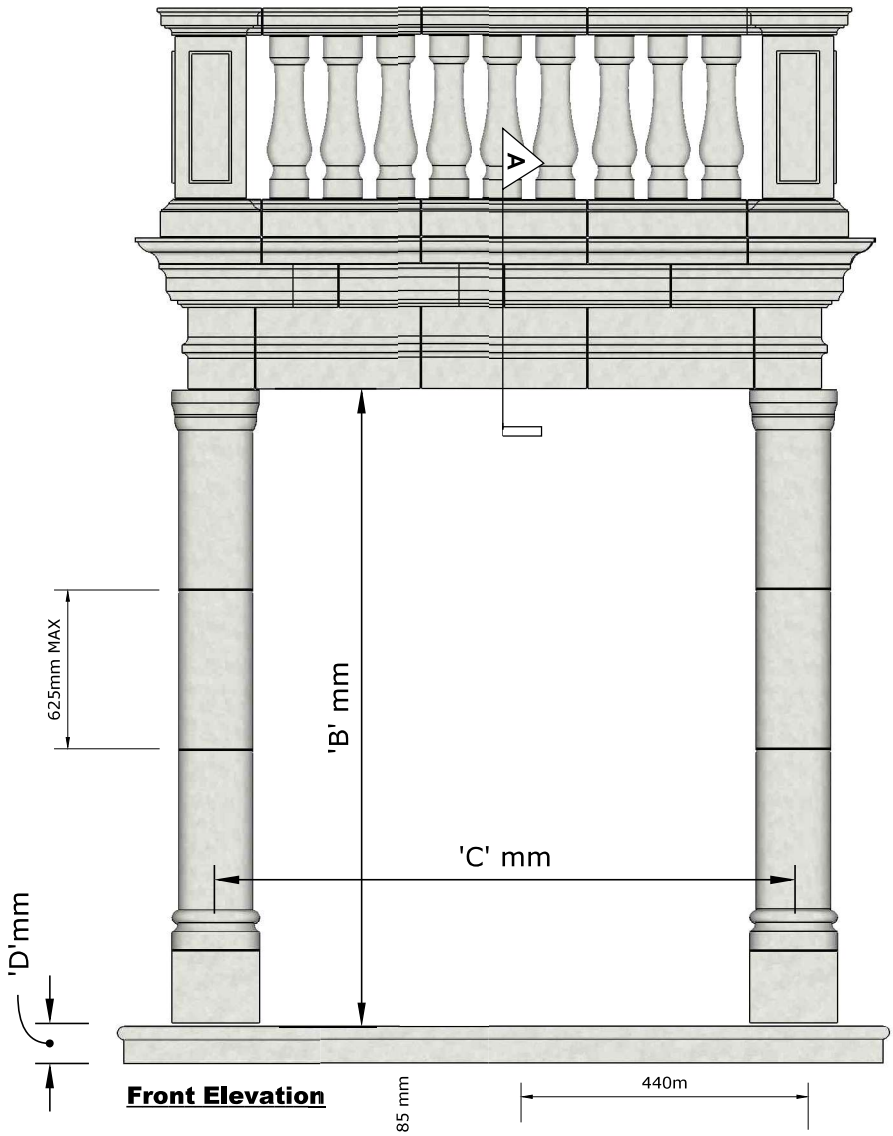
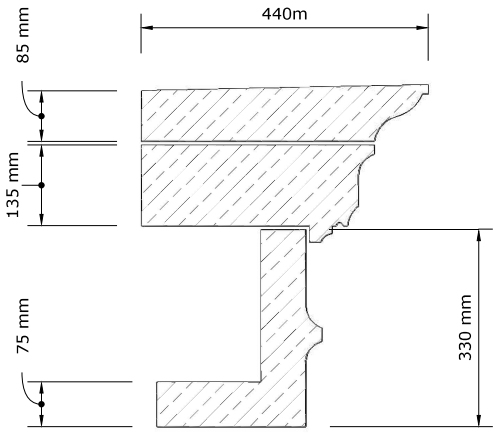
The floor shown is optional



Side Elevation



Front Elevation



Section A-A

TITLE: Portico 7

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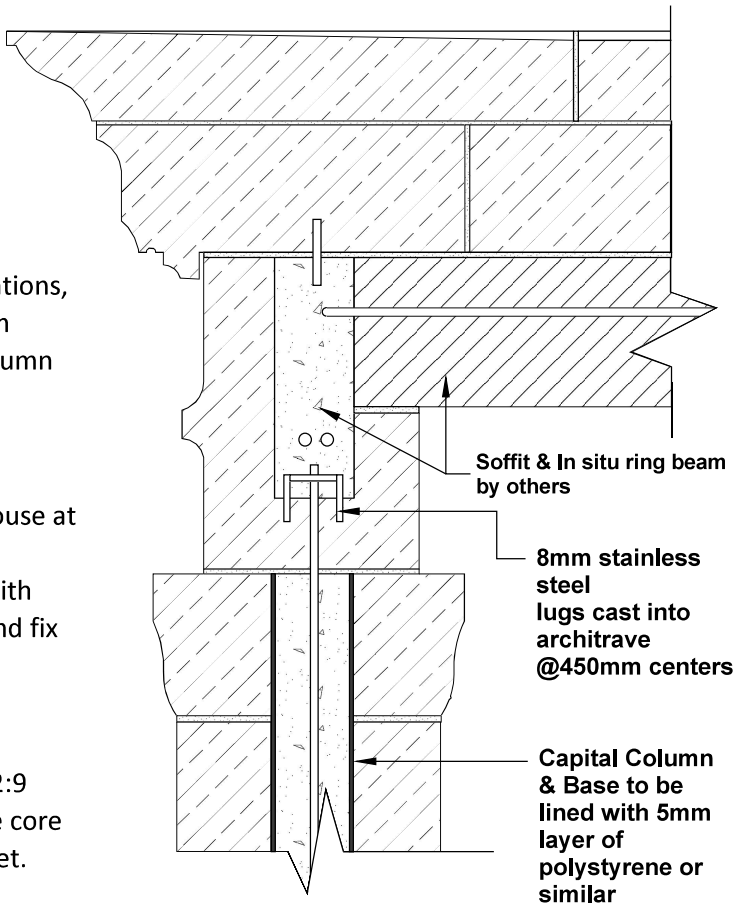
Portico Installation

This is to be used as a guide only we recommend speaking to an approved installer prior to any work on site.



Step 1

Set out columns at the desired locations and excavate footings as accordance to structural engineers specifications, set up a 20mm dia L shaped starter bar to finish 150mm above the column base to run centrally through the column centre.

Step 2

Position the square section base units parallel to the house at the desired location and bed in with 1:2:9 mortar 6mm joints, line the column cores with polystyrene and fill with concrete. Once set check the plumb level of the unit and fix splice connector.

Step 3

Set Column bases on top of square pedestal units in 1:2:9 mortar with 6mm joints check centre and level, line the core with polystyrene, hand fill with concrete and leave to set.

Step 4

Line the main column with polystyrene and hoist them into position on top of the column bases using 1:2:9 mortar with 6mm joints, check centres and plumb up across the top. Prop and edge the columns on all sides and insert a 20mm dia bar and screw tight. Hand fill the bottom 300mm of the column with concrete and leave to set for 24 hours.

Step 5

Fill up the column core up to 200mm short of the top and allow to set. Fix column capital on top with 1:2:9 mortar 6mm joint and check for square. Fix bar splice connector prior to bedding the capital, once set fix short angle shaped 20mm dia steel bar to the main beam. Hand pack concrete to the top of capital and leave for 24 hours.

Step 6

Erect scaffolding around the columns and fully acro prop to support 250x50 timber soffit to front and side of Architrave beams and level 6mm above capital tops. Make sure the full width of the Architrave is supported. Once the beams are set in place form a soft 6mm joint between tops of capitals and underside of Architrave beams, check level and square. Install 20mm main beam bars min 1000mm overlap and combined corner/side bars min 900mm returns into front beam, once in place hoist precast units and set in 1:2:9 mortar, ensure beam is sat in the wall 100mm and end of beam stopped. Fill with concrete and leave to set for 14 days.

TITLE: Portico Installation Guide