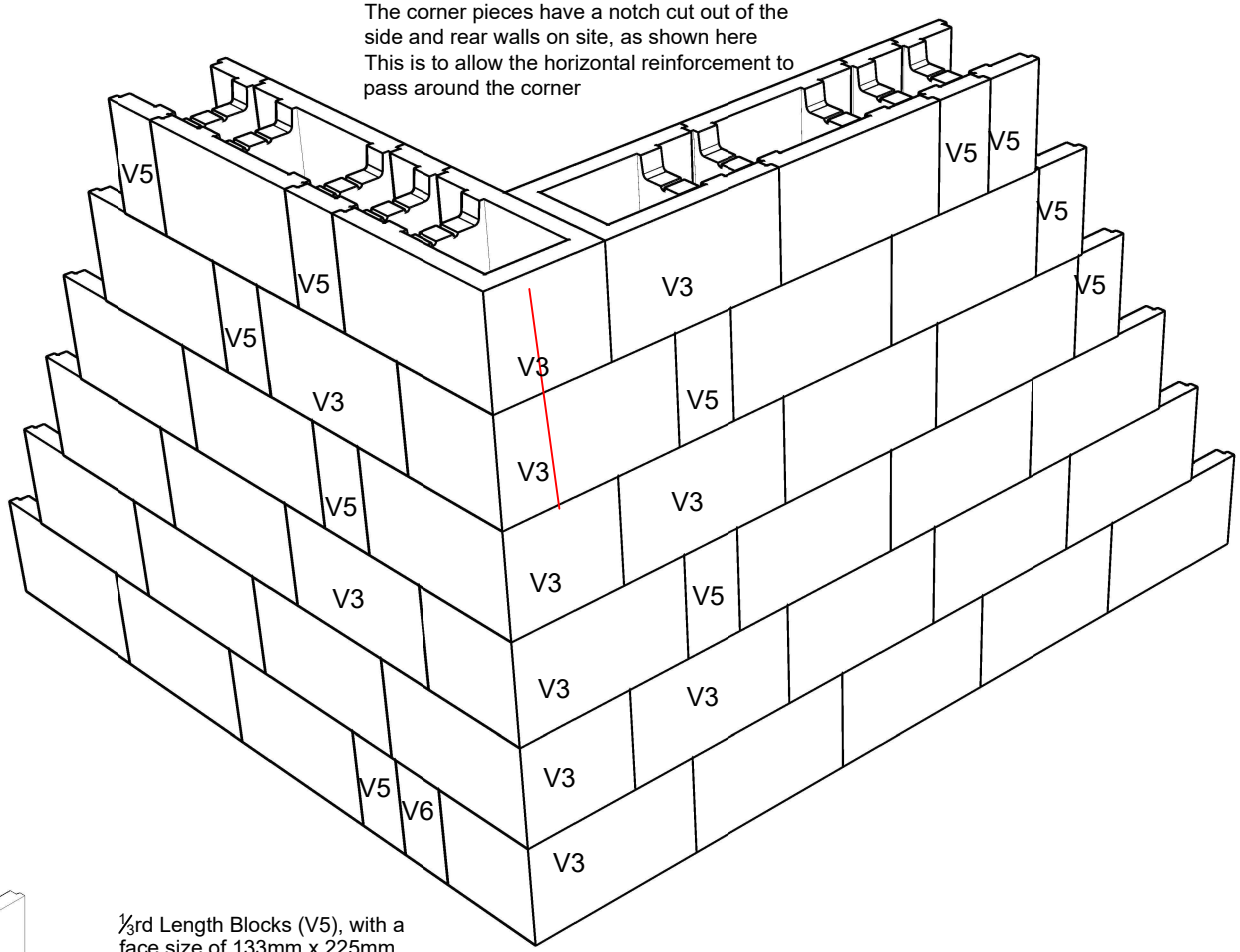
The corner pieces have a notch cut out of the side and rear walls on site, as shown here
This is to allow the horizontal reinforcement to pass around the corner



NOTES:

Stepoc 256 can accommodate two layers of reinforcement due to a modification in the design of the web, however as a general rule only a single layer will be required.

Please ensure all calculations are carried out using the correct values for the position of the reinforcement and in accordance with the relevant design standard.

Corner and End Details should be constructed first and any cut blocks incorporated towards the center of the walling section.

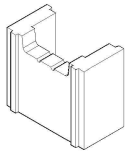
Movement joints should be incorporated at maximum 20m centers using the End Detail to finish and start the wall.

Reinforcement shown at minimum possible centers. Final design may allow for increased centers however these must still be multiples of 133mm.

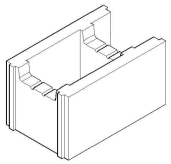
Concrete should be to Structural Engineers specification but no less than C32/40 specification with a slump of no less than 150mm (S4) and a maximum aggregate size of 10mm. Cover to vertical reinforcement should be a minimum of 40mm.

Maximum pour height - 10 courses (2.25m)

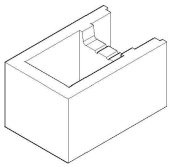
Concrete infill - 0.15m³/m²



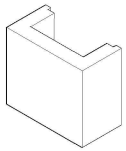
⅓rd Length Blocks (V5), with a face size of 133mm x 225mm



Standard Full Length Stepoc block (V2), with a face size of 400mm x 225mm



Full Length Plain End Block (V3), with a face size of 400mm x 225mm



⅓rd Length Plain End Blocks (V6), with a face size of 133mm x 225mm

Blocks are taken to be Full Length Standard Blocks (V2) unless otherwise marked

Project: 256mm Stepoc - Standard Details			
Title: 90° CORNER DETAIL			
Drawing Number: ST - 256 - CRN			Rev: C
Drawn By	Date: 21.05.2019	Scale: NTS	
Approved By	Date		

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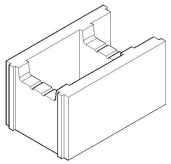
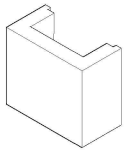
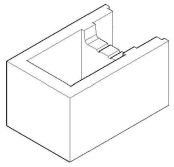
Standard Full Length Stepoc block (V2), with a face size of 400mm x 225mm



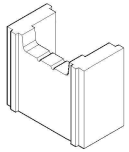
⅓rd Length Plain End Blocks (V6), with a face size of 133mm x 225mm

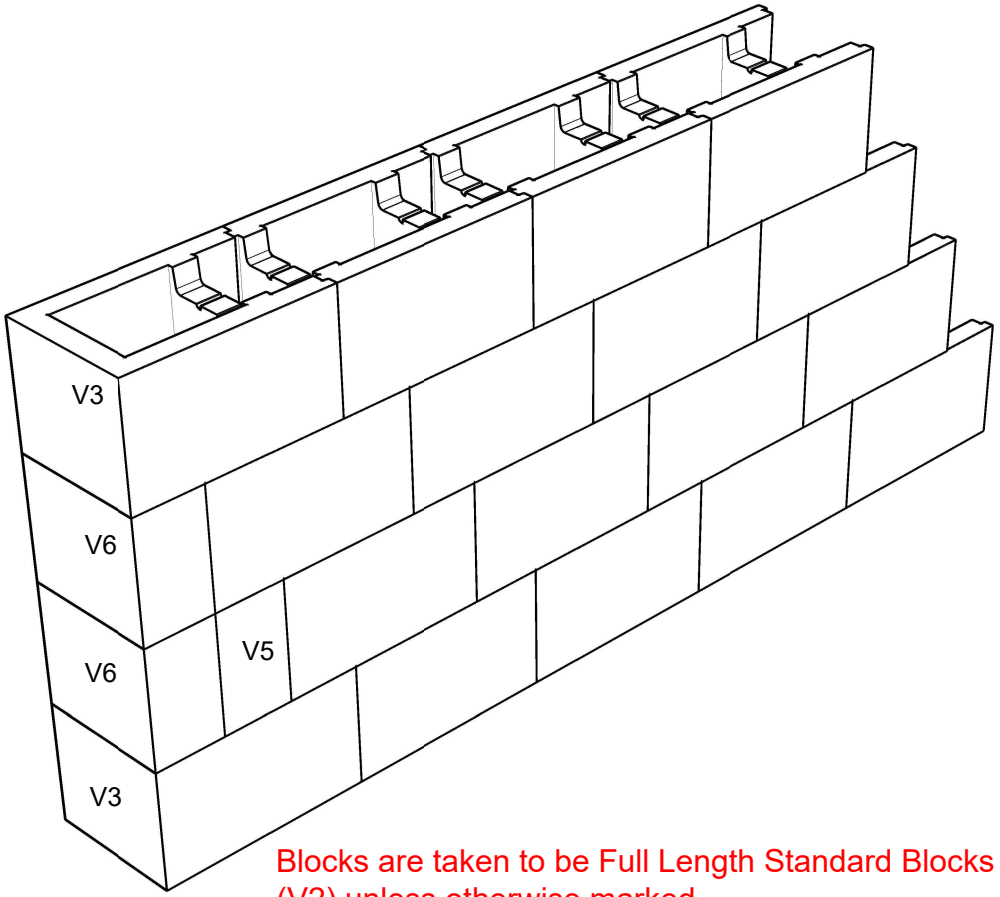


Full Length Plain End Block (V3), with a face size of 400mm x 225mm



⅓rd Length Blocks (V5), with a face size of 133mm x 225mm





Blocks are taken to be Full Length Standard Blocks (V2) unless otherwise marked

NOTES:

Stepoc 256 can accommodate two layers of reinforcement due to a modification in the design of the web, however as a general rule only a single layer will be required.

Please ensure all calculations are carried out using the correct values for the position of the reinforcement and in accordance with the relevant design standard.

Corner and End Details should be constructed first and any cut blocks incorporated towards the center of the walling section.

Movement joints should be incorporated at maximum 20m centers using the End Detail to finish and start the wall.

Reinforcement shown at minimum possible centers. Final design may allow for increased centers however these must still be multiples of 133mm.

Concrete should be to Structural Engineers specification but no less than C32/40 specification with a slump of no less than 150mm (S4) and a maximum aggregate size of 10mm. Cover to vertical reinforcement should be a minimum of 40mm.

Maximum pour height - 10 courses (2.25m)

Concrete infill - 0.15m³/m²

Project: 256mm Stepoc - Standard Details		
Title: TERMINAL END DETAIL		
Drawing Number: ST - 256 - END		Rev: B
Drawn By: TJF	Date: 21.05.2019	Scale: NTS
Approved By	Date	

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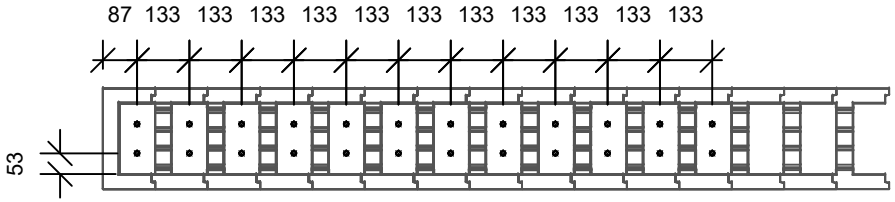
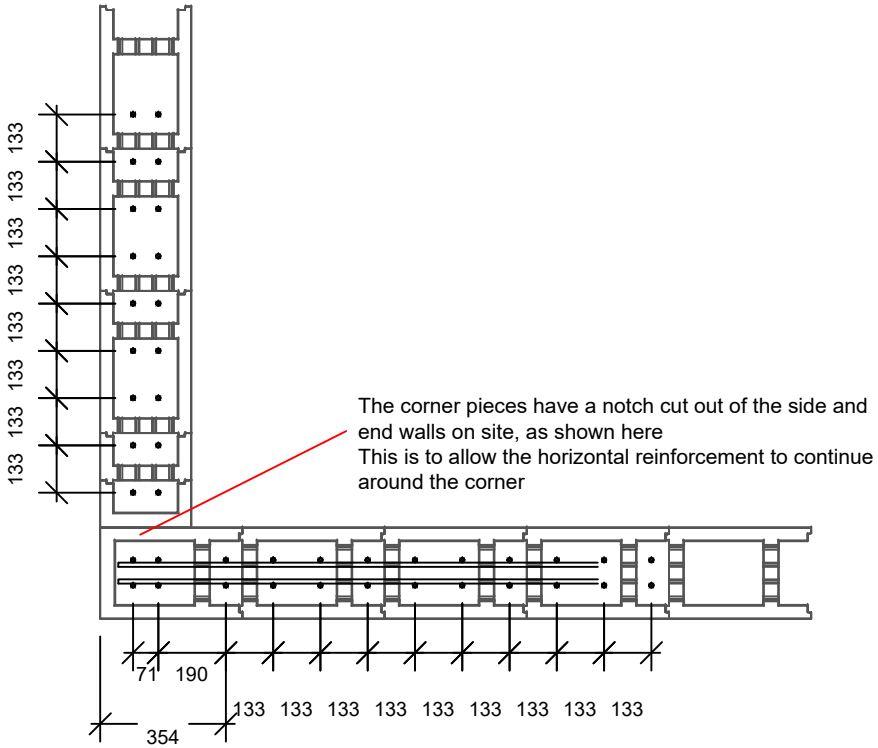
Notes:
The drawing shows two layers of reinforcement for illustration purposes only. The actual requirement for reinforcement on each project should be determined by the Structural Engineer.

Bar setting out based on nominal 12mmØ bars horizontal and vertical. Please see table below for alternative combinations



PLAN OF TERMINAL END



PLAN OF CORNER

NOTES:

Stepoc 256 can accommodate two layers of reinforcement due to a modification in the design of the web, however as a general rule only a single layer will be required.

Please ensure all calculations are carried out using the correct values for the position of the reinforcement and in accordance with the relevant design standard.

Corner and End Details should be constructed first and any cut blocks incorporated towards the center of the walling section.

Movement joints should be incorporated at maximum 20m centers using the End Detail to finish and start the wall.

Reinforcement shown at minimum possible centers. Final design may allow for increased centers however these must still be multiples of 133mm.

Concrete should be to Structural Engineers specification but no less than C32/40 specification with a slump of no less than 150mm (S4) and a maximum aggregate size of 10mm. Cover to vertical reinforcement should be a minimum of 40mm.

Maximum pour height - 10 courses (2.25m)

Concrete infill - 0.15m³/m²

Consideration should be given to the avoidance of creep when setting out the vertical reinforcing bars

Project: 256mm Stepoc - Standard Details			
Title: REINFORCEMENT SPACING			
Drawing Number: ST - 256 - REBAR			Rev: D
Drawn By: TJF	Date: 21.05.2019	Scale: NTS	
Approved By	Date		

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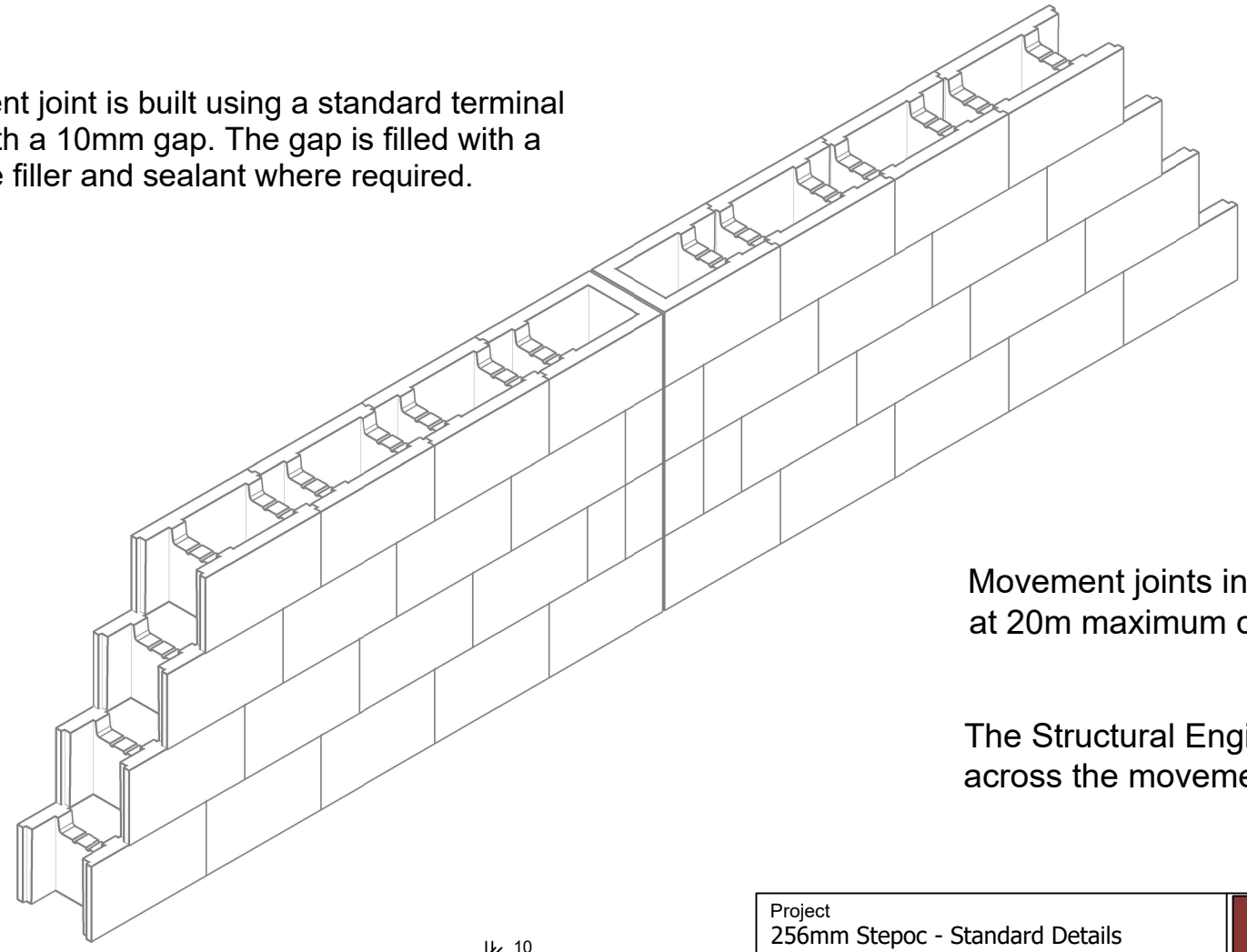
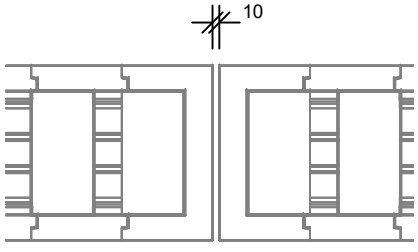
The movement joint is built using a standard terminal end detail with a 10mm gap. The gap is filled with a compressible filler and sealant where required.



Movement joints in Stepoc are spaced at 20m maximum centers.

The Structural Engineer may require ties across the movement joint



Project: 256mm Stepoc - Standard Details			
Title: MOVEMENT JOINT DETAIL			
Drawing Number: ST - 256 - MJ			Rev: A
Drawn By: TJF	Date: 09.05.2013	Scale: NTS	
Approved By	Date		

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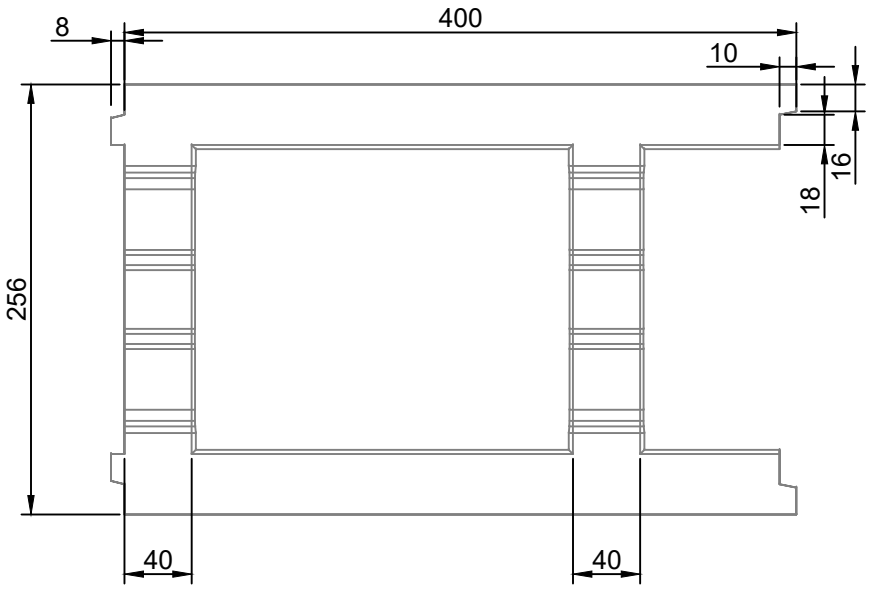

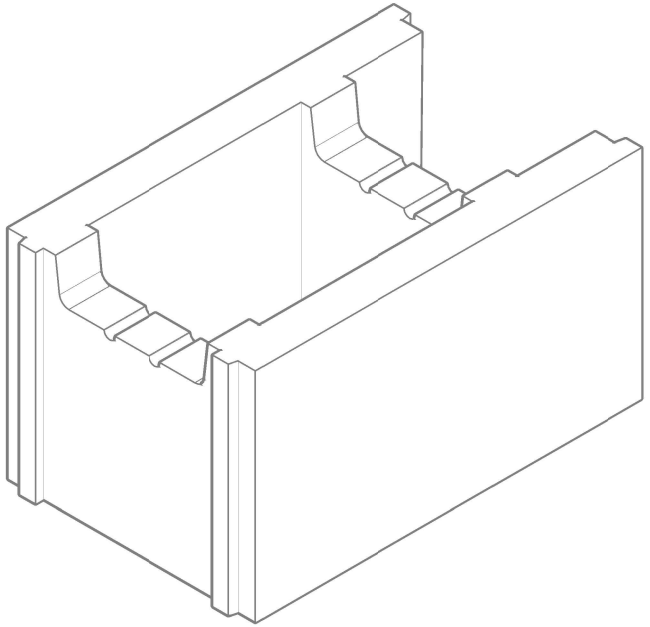

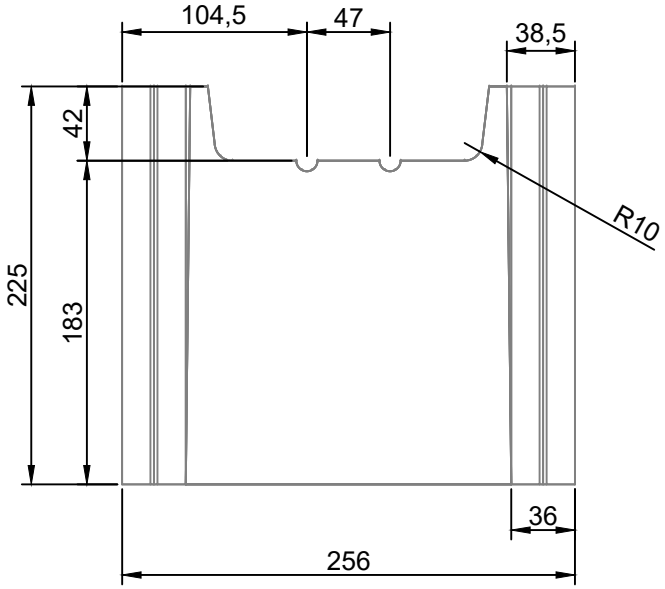

Project: 256mm Stepoc - Standard Details			
Title: V2 - General Arrangement			
Drawing Number: ST - 256 - V2			Rev: B
Drawn By: TJF	Date: 21.05.2019	Scale: NTS	
Approved By	Date		

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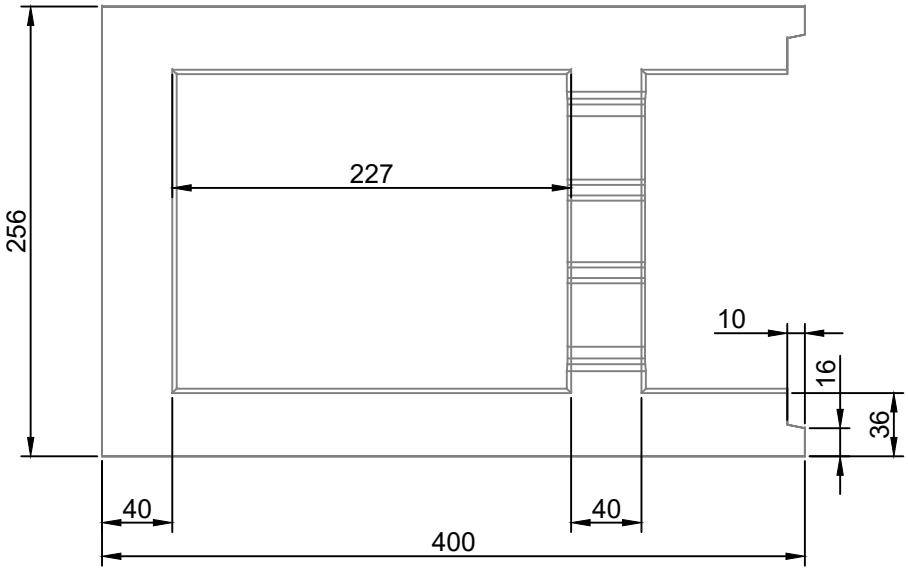

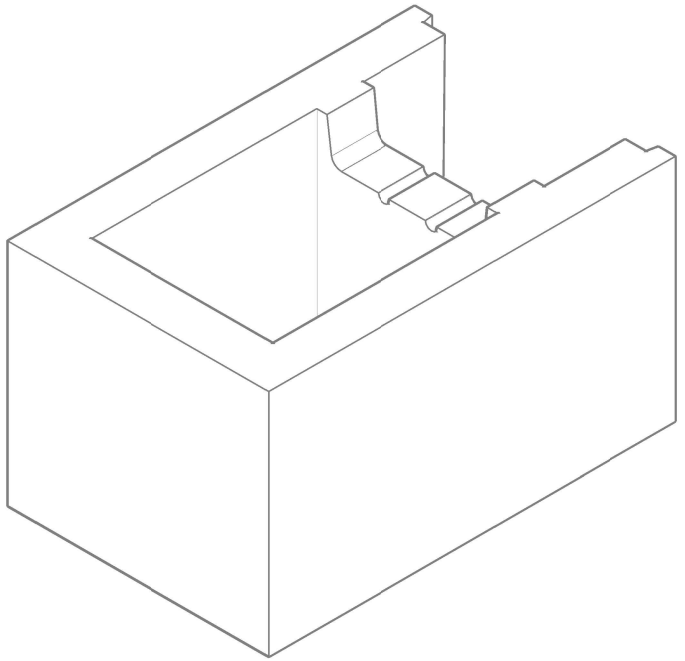

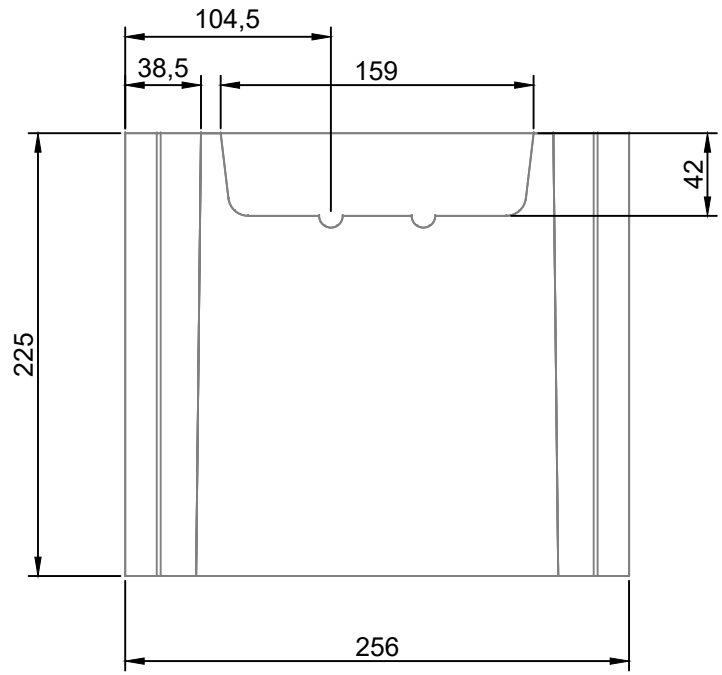

Project: 256mm Stepoc - Standard Details			
Title: V3 - General Arrangement			
Drawing Number: ST - 256 - V3			Rev: B
Drawn By: TJF	Date: 22.05.2019	Scale: NTS	
Approved By	Date		

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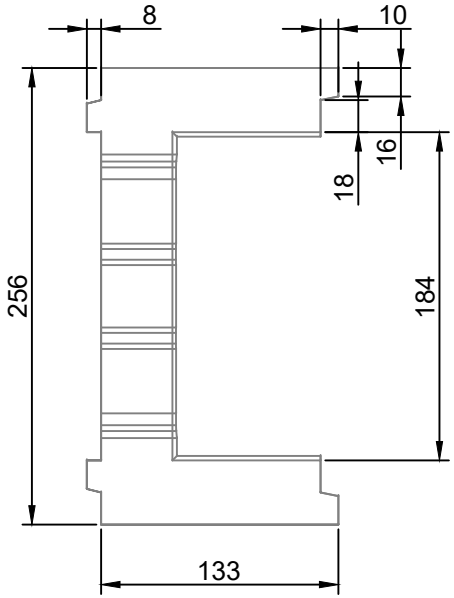

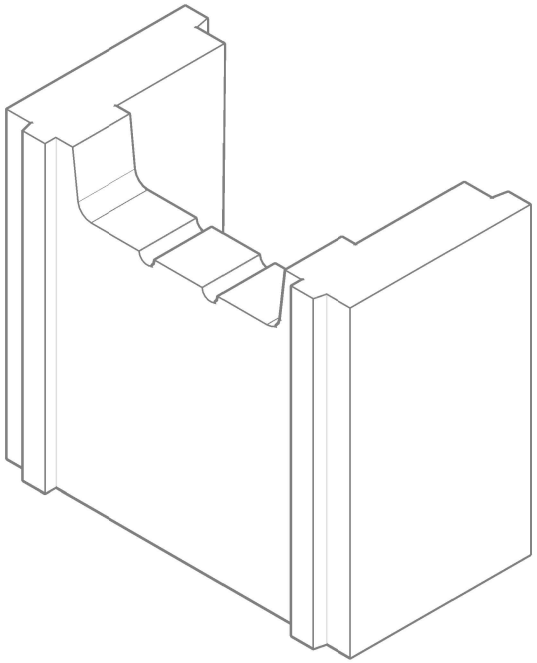

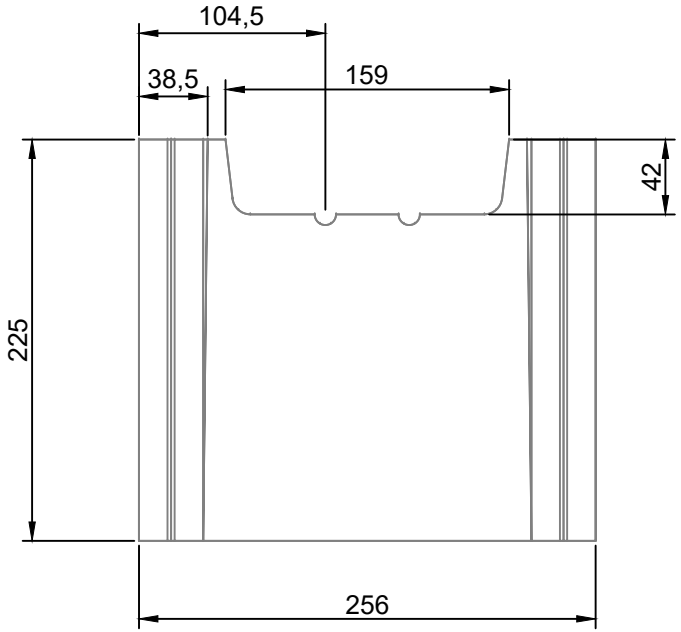

Project: 256mm Stepoc - Standard Details			
Title: V5 - General Arrangement			
Drawing Number: ST - 256 - V5			Rev: B
Drawn By: TJF	Date: 22.05.2019	Scale: NTS	
Approved By	Date		

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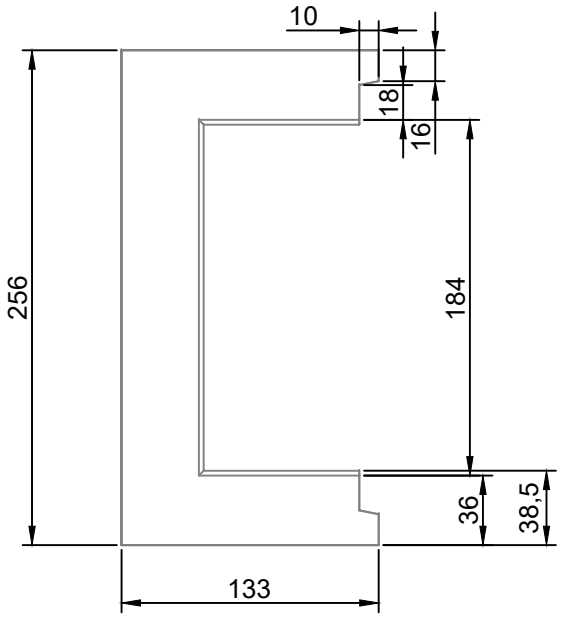

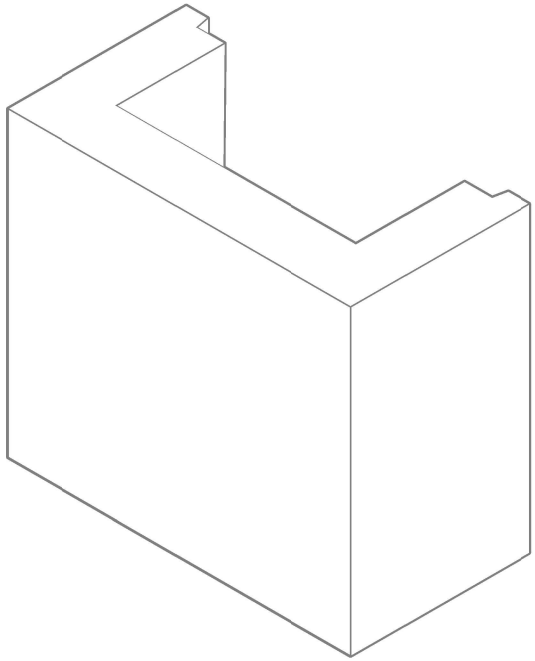

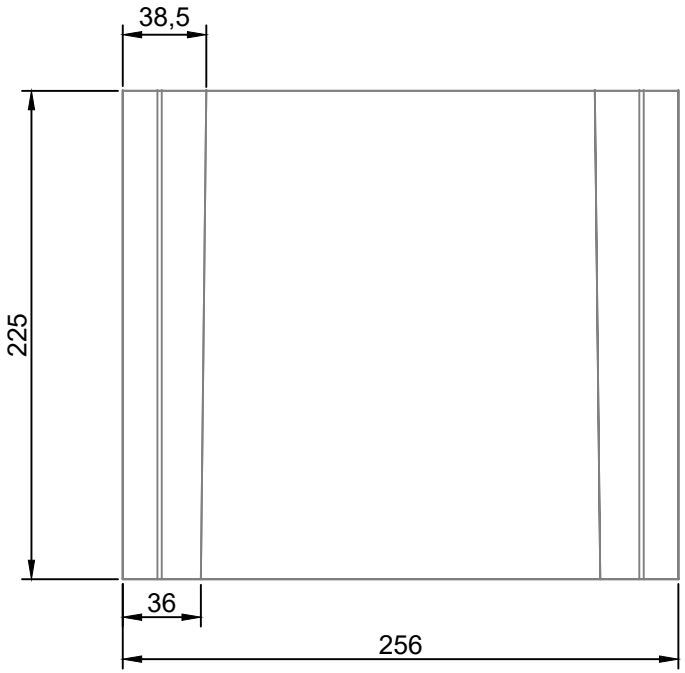

Project: 256mm Stepoc - Standard Details			
Title: V6 - General Arrangement			
Drawing Number: ST - 256 - V6			Rev: B
Drawn By: TJF	Date: 22.05.2019	Scale: NTS	
Approved By	Date		

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