

Typical Recon blocks are made with a built in 1 inch setback per course. This creates a 3.6° setback and is usually desired for a gravity wall to reduce the earth pressure on the wall.

There are instances when a vertical wall is desired. Those may include space constraints, eliminating setback to reduce cutting, incorporating staircases into walls or providing a vertical aesthetic.

Modification of the typical Recon blocks is required to do this. This can be accomplished during production or during construction in the field.

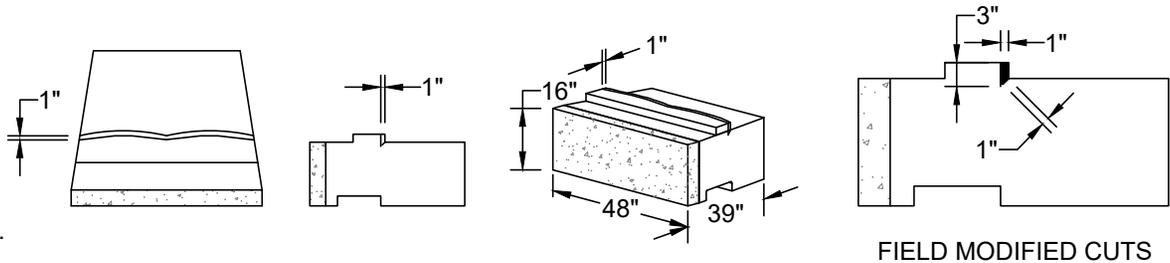
PRODUCTION MODIFICATION

Production modification requires using a wider blockout for the groove at the bottom of Recon blocks. The typical blockout is 11-7/8"(30cm) wide. The modified blockout is 12-7/8"(32cm) wide.

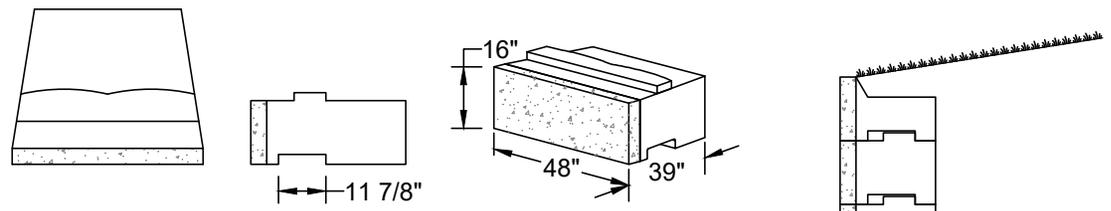
FIELD MODIFICATION

Field modified Recon blocks requires removing 1"(2.5cm) from the back of the shear key. The following steps outline how to efficiently do this:

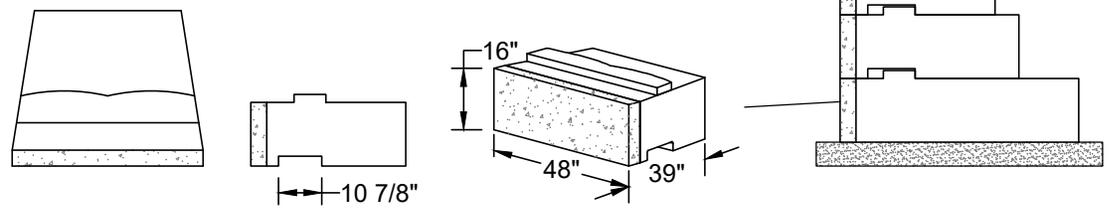
1. Cut a 3"(7.5cm) deep vertical cut approximately 1" parallel to the shear key.
2. Cut a 1" deep downward diagonal cut (45°) at the base of the shear key.
3. Chisel out the rear 1" section. This may require making multiple cuts perpendicular to the shear key prior to chiseling.



FIELD MODIFIED - 39M BLOCK
ZERO SETBACK



PRODUCTION MODIFIED - 39M BLOCK
ZERO SETBACK



TYPICAL - 39M BLOCK
ONE INCH SETBACK

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**RECON VERTICAL
SETBACK BLOCKS**

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**DRAWING
#TS3**