



Note: When building an Inside 90° Corner, it is recommended that once the contractor gets to the base row of the inside corner, the contractor should then start each subsequent row at the corner and lay block out from the corner. Remember, the block has a 1" setback built into it for each row of block. This will have two different effects on the finished wall. First, at the point of the 90° corner, the wall will not be vertical, but rather the actual line at the corner will be laying back at the same 3.6° of batter as the face of each of the sides of the wall that come together at the corner. Second, as each new row of block is placed at the corner, the block will be set back not only 1" along the vertical axis but also will be placed 1" inside toward the corner along the horizontal axis. If you were to follow the second row of block out from the corner, you would see that the end of this row of block in the wall is 1" shorter in the horizontal / lineal direction than the base row. The third row of block will be 2" shorter in the horizontal / lineal direction than the base row, and so on. For taller walls, you may notice that the "running bond joint" is sliding off center by 2" for every other row. This is an aesthetic matter, not a structural issue.

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Design is for internal stability of the Shea wall structure only. External stability, including but not limited to foundation and slope stability is the responsibility of the Owner. The design is based on the assumption that the materials within the retained mass, methods of construction, and quality of materials conform to Shea's specification for this project.

Disclaimer: This drawing was prepared by Shea Wall Systems, Inc. and to the best of our knowledge, accurately represents the product use in the application that is illustrated. This drawing is for conceptual, instructional, and estimating purposes only. Anyone making use of this drawing does so at their own risk and assumes all liability for such use. Final design for construction purposes must be done by a registered professional engineer who is familiar with the product and who has taken into account the specific site conditions.

SHEA
CONCRETE PRODUCTS
Retaining Wall Systems

DRAWING # 111

TYPICAL INSIDE CORNER DETAIL

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