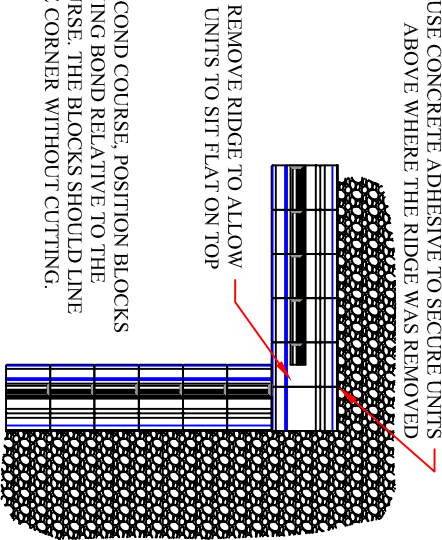


REMOVE RIDGE TO ALLOW UNITS TO SIT FLAT ON TOP

CENTERLINE OF BLOCK

ON THE FIRST COURSE, START BY PLACING A BLOCK AT THE CORNER, THEN LAY A SECOND BLOCK PERPENDICULAR TO THE FIRST AND 18mm [11/16"] IN FRONT OF ITS CENTERPOINT. CONTINUE LAYING OUT THE BASE COURSE WORKING OUT FROM THE CORNER



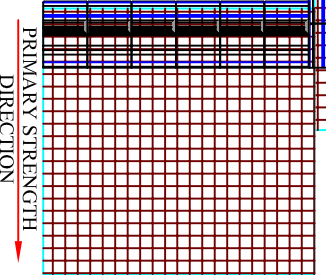
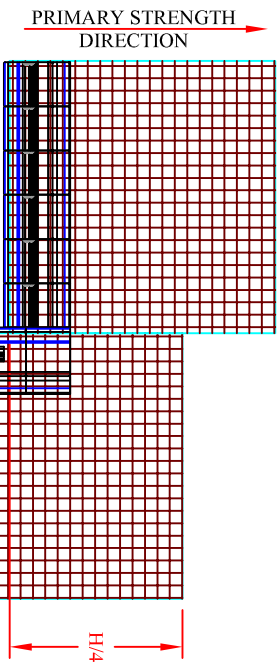
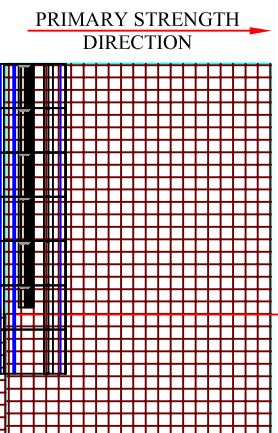
USE CONCRETE ADHESIVE TO SECURE UNITS ABOVE WHERE THE RIDGE WAS REMOVED

REMOVE RIDGE TO ALLOW UNITS TO SIT FLAT ON TOP

ON THE SECOND COURSE, POSITION BLOCKS IN A RUNNING BOND RELATIVE TO THE FIRST COURSE. THE BLOCKS SHOULD LINE UP AT THE CORNER WITHOUT CUTTING.

ON SUBSEQUENT COURSES, A GAP WILL START TO FORM AT THE CORNER DUE TO THE SETBACK OF THE WALL. TO MAINTAIN A RUNNING BOND, CUT UNITS WILL BE REQUIRED; GLUE CUT UNITS INTO PLACE USING A CONCRETE ADHESIVE.

ON THE FIRST WALL COURSE THAT GEOSYNTHETIC REINFORCEMENT IS SPECIFIED, LAY THE GEOGRID BEYOND THE CORNER OF THE WALL. AT A DISTANCE OF 1/4 THE HEIGHT OF THE WALL, ENSURING IT IS PLACED WITHIN 25mm [1.0"] OF THE FACE OF THE BLOCK. CONTINUE THE GEOGRID ALONG THE ADJOINING WALL STARTING AT THE BACK OF THE PREVIOUS - DO NOT OVERLAP THE TWO SECTIONS OF GEOGRID



ON THE SECOND WALL COURSE THAT GEOSYNTHETIC REINFORCEMENT IS SPECIFIED, ALTERNATE THE REINFORCEMENT EXTENSION. CONTINUE THE GEOGRID ALONG THE ADJOINING WALL STARTING AT THE BACK OF THE PREVIOUS - DO NOT OVERLAP THE TWO SECTIONS OF GEOGRID

This graphic represents a preliminary, non site-specific design. If used for construction, a registered professional engineer must be retained to review & approve the design, confirm site conditions, and inspect construction.

Ortana Retaining Wall System 90 Degree Inside Corner Details

