SECTION 09 30 00 - TILING

PART 1 - GENERAL

1.1 SYSTEM REQUIREMENTS

A. Design Requirements:
   1. Provide tile selection as approved by the University Campus Architect through the University Project Manager.
   2. Provide waterproof membrane under all tile installations above occupied space.

PART 2 - PRODUCTS

2.1 TILE PRODUCTS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   1. American Olean; Division of Dal-Tile International Inc.
   2. Daltile; Division of Dal-Tile International Inc.
   3. United States Ceramic Tile; a Roca Tile Group company.

B. Floor Tile: Unglazed ceramic mosaic tile.
   1. Size: 2 by 2 inches, factory mounted onto sheets with mesh, dot, net or other backing method.

C. Wall Tile: Glazed wall tile.
   1. Size: 4-1/4 by 4-1/4 inches, cushion edge.

D. Other Tile: Only as approved by the University Campus Architect through the University Project Manager.

E. Trim Shapes:
   1. Wainscot cap: Surface bullnose.
   2. Base: Coved base.
   3. Outside Corners: Surface bullnose.
   4. Inside Corners:
   5. Jambs: Surface bullnose where tile projects from jamb.

2.2 ACCESSORY MATERIALS

A. Thresholds: Stone.

B. Waterproof Membrane: Chlorinated polyethylene sheet; fluid applied membranes are not permitted.
   1. Basis-of-Design Product: Subject to compliance with requirements, provide The Noble Company, NobleSeal TS or comparable product.

C. Crack Isolation Membrane: Chlorinated polyethylene sheet.
   1. Basis-of-Design Product: Subject to compliance with requirements, provide The Noble Company, NobleSeal CIS or comparable product.

D. Metal base and edge strips: Where tile trim shapes are not available use metal accessories:
   1. Coved Metal Base: Subject to compliance with requirements, provide Schluter-DILEX-EHK or comparable product.
   2. Coved Metal Inside Corner: Subject to compliance with requirements, provide Schluter-DILEX-EHK or comparable product.
3. Edge Protection: Subject to compliance with requirements, provide Schluter-SCHIENE or comparable product.
4. Outside Corner: Subject to compliance with requirements, provide Schluter-QUADEC or comparable product.
5. Wainscot Cap: Subject to compliance with requirements, provide Schluter-JOLLY, Schluter-QUADEC or comparable product.
6. Transition Strips: As required where adjacent floor finish is of different thickness.

PART 3 - EXECUTION

3.1 INTERIOR TILE INSTALLATION SCHEDULE

A. Interior Floors on Concrete:
   1. TCNA F113: Thin-set mortar.
      b. Grout: Polymer-modified.
   2. TCNA F122: Thin-set mortar on waterproof membrane.
      b. Grout: Polymer-modified.
   3. TCNA F125A: Thin-set mortar on crack isolation membrane.
      b. Grout: Polymer-modified.

B. Interior Walls, Masonry or Concrete:
   1. TCNA W202: Thin-set mortar.
      b. Grout: Polymer-modified.

C. Interior Walls, Metal Studs or Furring:
   1. TCNA W245: Thin-set mortar on coated glass-mat, water-resistant gypsum backer board.
      b. Grout: Polymer-modified.

D. Shower Receptor and Walls, Concrete or Masonry:
   1. TCNA B421: Thin-set mortar on waterproof membrane.
      b. Grout: Polymer-modified.

E. Shower Receptor and Walls, Metal Studs or Furring:
   1. TCNA B420: Thin-set mortar on coated glass-mat, water-resistant backer board.
      b. Grout: Polymer-modified.

END OF SECTION 09 30 00