PART 3- EXECUTION

3.01 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.
   1. Examine roof sheathing to verify that sheathing joints are supported by framing and blocking or metal clips and that installation is within flatness tolerances.
   2. Verify that substrate is sound, dry, smooth, clean, sloped for drainage, and completely anchored; and that provision has been made for flashings and self-adhering membrane.
   3. Submit written report to the Contractor signed by Installer, listing conditions detrimental to performance of work.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 UNDERLAYMENT INSTALLATION

A. Self-Adhering Sheet Underlayment: Install self-adhering sheet underlayment, wrinkle free, on roof deck. Comply with low-temperature installation restrictions of underlayment manufacturer if applicable. Install at locations indicated below and on Drawings, lapped in direction to shed water. Lap sides not less than 3-1/2 inches (89mm) Lap ends not less than 6-inches (152mm) staggered 24-inches (610mm) between courses.
   1. Hips: Extend bottom corner inches on each side 3-inches (76mm)

3.03 FLASHING INSTALLATION

A. General: Install metal flashings and other sheet metal to comply with requirements in Section 07600-SHEET METAL FLASHING.
   1. Eave Drip Edges: Install eave drip edge flashings below underlayment and fasten to roof sheathing.

3.04 PVC THATCH SHINGLE INSTALLATION

A. Install Endureed® Capetown PVC Thatch Shingles according to manufacturer's written instructions.
   1. Eave & Beginning Course installation: Install "Eave Wadd" block or "Starter" bent shingles as required by project, with spacing & layout per manufacturer's installation drawings.
   2. Install the remaining courses of thatch shingles with Endureed® Capetown field shingles, stair-stepping diagonally across roof deck with manufacturer's recommended offset pattern at succeeding courses, maintaining uniform exposure of 8-inches. (203 mm)
   3. Using pre-shaped hip shingles at hips, install shingle spaced evenly to allow for two hip courses to one field course.
   4. Fasten Endureed® Capetown PVC thatch shingle with a minimum of four roofing nails through pre-punched holes in binder strip, according to manufacturer's written instructions. For shingle application at hips, when pre-punched holes may not be available, nail holes may be drilled through the binder strips, or stapled with pneumatic narrow crown stainless steel staples.