

SECTION 07170

BETONITE WATERPROOFING

PART 1 DESIGN DIRECTIVES

1.1 DESIGN CRITERIA

- A. The water-proofing detail used by Dartmouth College must be reviewed with the design team at the earliest convenience prior to beginning Schematic Design documents. The College has developed very specific requirements for this work.
- B. Bentonite waterproofing shall be used for waterproofing walkthrough tunnels and utility manholes.

1.2 QUALITY ASSURANCE

- A. The installing firm must have at least 3 years experience in work of the type required by this section.

1.3 WARRANTY

- A. Provide a five year, non-prorated labor & material warranty.

PART 2 PRODUCTS

2.1 VERTICAL AND HORIZONTAL WATERPROOFING

- A. Bentonite product shall be provided in rolls of polypropylene geotextile encapsulating 1.1 pounds of granular sodium bentonite per square foot. Provide manufacturer's approved accessory waterproofing products for corners, penetrations, grade terminations, etc.
  - 1. Volclay Voltex – CETCO (Colloid Environmental Technologies Co.)

PART 3 EXECUTION

- 3.1 The work area shall be thoroughly prepared as described in the manufacturer's written installation instructions.

END OF SECTION 07170