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FIBERGLASS MANHOLE COVER

PART ONE - GENERAL INFORMATION

1.01 Furnish (Insert Number) fiberglass composite manhole frame and cover sets.

1.02 References and related standards:

- A. Section 33 01 00 Operation and Maintenance of Utilities
- B. Section 33 39 13 Sanitary Utility Sewerage Manholes, Frames, and Covers
- C. Section 33 71 19 Electrical Underground Ducts and Manholes
- D. Section 33 81 26 Communications Underground Ducts, Manholes, and Handholes

1.03 Delivery, Off Loading and Storage

- A. Off load cover according to manufacturer's instructions
- B. Inspect Cover completely and report any damage during shipping
- C. Store Cover indoors and protect from construction traffic and damage.

PART TWO - PRODUCT

2.01 Products

- A. Product provided by Virtual Polymer Compounds, LLC; 10478 Ridge Road, Medina NY 14103; Tel. (585)735-9668.
- B. Request for substitution will be considered only if submitted and approved in advance of bid date. Substitution request must include evidence that the product meets all standards stated herein; that the manufacture has ten years of experience fabricating the product; there is a complete quality assurance program in place such as ISO 9001.
- C. Substitution not submitted and approved in advance of bid date will not be considered.

2.02 Material of Construction

- A. Fiber Reinforced Polymer containing 45-70% fiber reinforcement
- B. Thermoset resin matrix

2.03 Corrosion Performance

- A. Superior performance in aggressive environments: Sewer, Petrochemical, Gasoline, Diesel, De-Icing solutions, Salt water.