

Typical Specification • Section 15890**Corrosion Duct**

A. Underground fiberglass duct and fittings as shown on the drawings shall be Corrosion Composites by Monoxivent. Resin will be a premium grade of fire retardant vinyl ester with a Class I flame spread per ASTM E84. Fabricator shall verify resin selection based on service conditions.

B. Duct should be shop fabricated as much as possible limiting the number of field joints. Joints will be made using the butt and wrap wet lay up method and exterior surfaces will be finished with a resin rich surfacing veil to assure a leak proof system.

C. Duct will be filament wound. Wall thickness and fitting dimensions will be in accordance with ASTM D-3982, ASTM C582 or SMACNA's Thermoset FRP Duct Construction Manual. Manual Volume Control Dampers will be manufactured with the same materials as the duct.

D. Duct fabricators have at least five years experience in fabricating corrosion resistant duct for waste water applications. Reference list of completed waste water projects shall be provided with a quote. Duct manufactured by Monoxivent or approved equal.