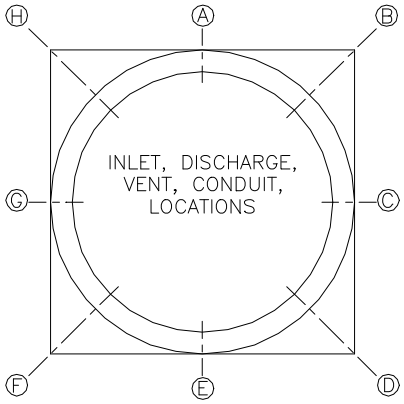
FIBERGLASS BASIN SPEC SHEET



Ⓐ SIZE _____ TYPE _____ TOP TO ℄ _____

Ⓑ SIZE _____ TYPE _____ TOP TO ℄ _____

Ⓒ SIZE _____ TYPE _____ TOP TO ℄ _____

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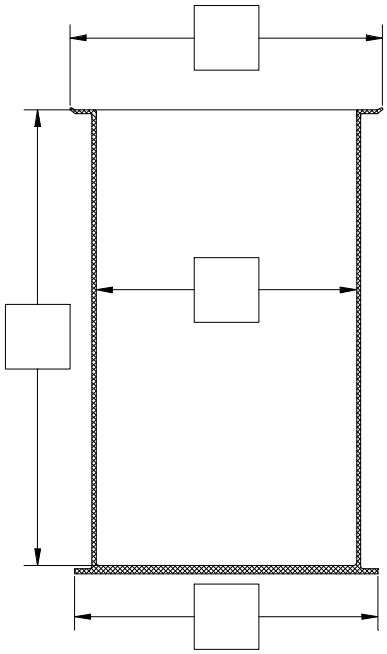
ANTI–FLOATATION FLANGE

SPECIFY:

☐ NONE

☐ FIBERGLASS (ROUND)

☐ FIBERGLASS ENCAPSULATED ASTM A–36 STEEL (SQUARE)



FIBERGLASS BASIN SHORT SPECIFICATION

The resins used shall be a commercial grade polyester and shall be evaluated as a laminate by test or determined by previous service to be acceptable for the intended environment.

The reinforcing material shall be a commercial grade of glass fiber (continuous strand, chopped–strand, continuous mat and/or noncontinuous mat) having a coupling agent which will provide a suitable bond between the glass reinforcement material and resin.

The FRP laminate wall thickness shall vary with the wet well height to provide the aggregate strength necessary to meet the tensile and flexural physical properties requirements. The wet well FRP wall laminate must be designed to withstand wall collapse or buckling based on a hydrostatic pressure of 62.4 lbs. per sq. ft.; a saturated soil weight of 120 lbs. per cu. ft.; a soil modulus of 700 pounds per sq. ft.; and, the pipe stiffness values as specified in ASTM D3753. The wet well FRP laminate must be constructed to withstand or exceed two times the assumed loading on any depth of the wet well.

The finished FRP laminate will have a Barcol hardness of at least 90% of the resin manufacturer's specified hardness for the fully cured resin. The Barcol hardness shall be the same for both interior and exterior surfaces.

The wet well top flange shall have an outside diameter at least 4.0 inches greater than the inside diameter of the wet well. A four or six hole pattern shall accommodate the mounting of a cover with at least 0.25 inches in diameter 300 series stainless steel fasteners. Noncorroding stainless steel threaded inserts shall be fully encapsulated with noncontinuous mat or chopped–strand glass fiber reinforcement. The inserts shall have an offset tab to prevent stripping or spinning out when removing and reinserting cover fasteners.

PUMP MOUNTING STUDS

SPECIFY:

☐ NONE

☐ SIMPLEX

☐ DUPLEX

PUMP INFORMATION

MFR: _____

TYPE: _____

MODEL: _____

QDC: _____

TOPP INDUSTRIES INCORPORATED

Highway 25 North P.O. Box 420
Rochester, IN 46975
Phone: 800/354-4534 Fax: 574/223-6106

BASIN SPEC. SHEET

Reference: –

Scale: None
Drawn By: RM
Appv'd By: .
Date: 06/26/03

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Supersedes Prints Prior To: 06/26/03

Reference No: 10090

Revisions

1	First Released 06/27/03