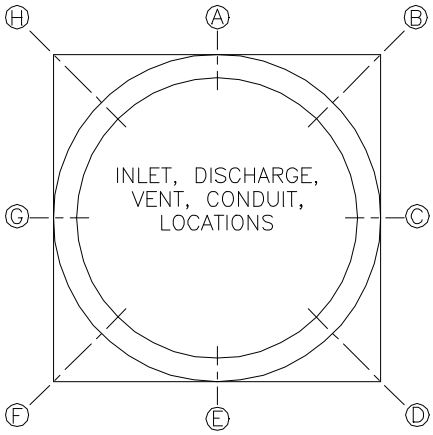
FIBERGLASS BASIN SPEC SHEET



Ⓐ SIZE _____ TYPE _____ TOP TO ℄ _____

Ⓑ SIZE _____ TYPE _____ TOP TO ℄ _____

Ⓒ SIZE _____ TYPE _____ TOP TO ℄ _____

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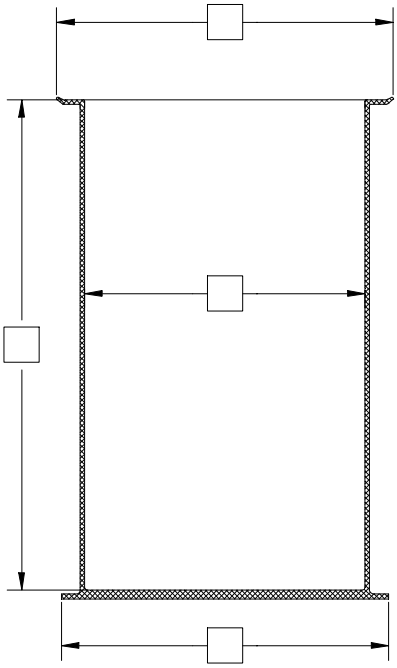
ANTI–FLOATATION FLANGE

SPECIFY:

☐ NONE

☐ FIBERGLASS (ROUND)

☐ FIBERGLASS ENCAPSULATED ASTM A–36 STEEL (SQUARE)



PUMP MOUNTING STUDS

SPECIFY:

☐ NONE

☐ SIMPLEX

☐ DUPLEX

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.

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Basin Spec Sheet	Scale: None	This print is and contains confidential proprietary information owned exclusively by TOPP INDUSTRIES, INC. It is furnished on a strictly confidential basis. This restriction includes, but is not limited to the condition that this print will not only be used as a record or to identify or inspect parts or for other information purposes and will not be used to manufacture or procure the manufacture of the items shown in this print by any other source than TOPP INDUSTRIES, INC.
Reference: Fiberglass Basin Short Spec.	Drawn By: RM Appv'd By: . Date: 05/27/03	
Supersedes Prints Prior To: 05/27/03	Reference No: 11095	

Revisions

1	First Released.