

SURGE TANK ACCESS HATCH

- A. Provide 30" x 30" stainless steel access hatch(es) as manufactured by Neptune-Benson, Inc.
- B. All frame and trim materials shall be type 304L stainless steel. Minimum thickness shall be 12 gauge. Exposed trim shall have a no. 3 finish.
- C. All exposed stainless steel top surfaces shall be grit blasted to a 1-2 mil profile. Blast media shall be completely non-ferric.
- D. All stainless steel top surfaces shall be finished coated with 304 mils DFT of type 316 pigmented stainless steel paint.
- E. All underside of stainless steel material shall be coated with 2-4 mils of a catalysed solvent based epoxy.
- F. Fastening tabs shall be provided with ½" diameter holes to provide for positioning or anchoring of the frame during installation of the concrete deck. A National Electric Code approved grounding lug kit shall be provided for grounding per local electrical codes.
- G. Hatch shall be fastened to the frame with a stainless steel continuous hinge. Two (2) heavy duty, gas assisted pistons with stainless steel supports shall be provided to assist in opening and to prevent accidental closing.
- H. Hatch shall be designed with a stainless steel locking bolt to prevent opening without the use of the provided tool. Two (2) additional locking bolts shall be provided as spares.
- I. A combination tee handle tool shall be provided to remove the locking bolt and to serve as a handle to open the hatch.
- J. Hatch shall be fitted with putrudded non-slip fiberglass grating. The grating shall be designed to accommodate a 500 pound uniform load with no more than 1/8" deflection.

-OR-

- J. Hatch shall be fitted with 10 gauge stainless steel cover, recessed 3/8" to receive a tile finish.

-OR-

- J. Hatch shall be fitted with 10 gauge stainless steel flush cover, sand blasted to a 1-2 mil profile.
- K. Clear access opening shall be no less than 30" x 30".