



- Structural notes:
1. Min. 5000 psi concrete.
 2. All reinforcement to be grade 60.
 3. Cover sealed with 3/4" butyl rope.
 4. access hole brought to grade with 24" dia concrete risers & sealed.
 5. Neenah castings or equal available upon request
 6. 8" thick cover for heavy load rating.
 7. Vault designed for H20 & HS20 wheel loads.
 8. Minimum bury from road surface is to be equal to or greater than 7" from top of vault surface.
 9. Dowels shall be placed in bottom slab at the juncture of walls vertically, matching the spacing of the vertical wall steel.
 10. Horizontal wall dowels shall be placed at corners matching the smaller of the bar/wire spacing of horizontal wall steel.
 11. Grease interceptors shall be manufactured, constructed, fabricated and tested in accordance with ASTM C1613, standard specification for precast grease interceptor tanks.

12. Wire & welded reinforcement may be utilized, replacing reinforcement steel based on area of steel & material yield strengths, limited to a maximum yield of strength of 80 ksi. Wire & welded wire reinforcement shall be manufactured in accordance with ASTM A1064, standard specification for steel wire & welded wire, plain & deformed for concrete.

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Todd R. Hawkinson
 TODD R. HAWKINSON
 REG. NO. 22578 DATE: 1/14/18

MODEL: 1000 GALLON COMMERCIAL GREASE & OIL INTERCEPTOR

Tank weight 13,200 lbs
 Interior Walls weight 1770 lbs
 Cover weight 4160 lbs
 Total weight 19130 lbs

**Precast
Systems
Inc.**

PO Box 56, Darwin MN 55324
 320-693-8440 www.darwinconcrete.com