



#### 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.

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. 22576 DATE *1/1/18*

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.

## MODEL: 1500 GALLON COMMERCIAL GREASE & OIL INTERCEPTOR

24.19 GALLONS P/INCH  
RATED FOR H-20 LOADING  
TANK WEIGH 15585 LBS  
INTERIOR WALLS WEIGH 2350 LBS  
COVER WEIGH 5065 LBS  
TOTAL 23000 LBS

**Precast  
Systems  
Inc.**

PO Box 56, Darwin MN 55324  
320-693-8440 [www.darwinconcrete.com](http://www.darwinconcrete.com)