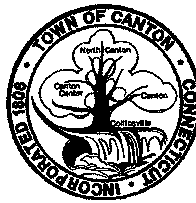


GREASE TRAP DETAIL

STANDARD NOTES:

1. DESIGN FOR HS-20 LOADING PLUS THE WEIGHT OF SOIL ABOVE AT 120 PSF.
2. TANK LIQUID CAPACITY SHALL BE A MINIMUM 24 HOURS DETENTION TIME A MAXIMUM DAILY FLOW WITH A MINIMUM SIZE OF 1,000 GALLONS.
3. THE TANK SHALL BE WATERTIGHT AND CONSTRUCTED OF 5,000 PSI CONCRETE AT 28 DAYS (MINIMUM) PER ASTM STD. WITH 4% TO 7% AIR ENTRAINMENT. REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
4. PRECAST JOINTS SHALL BE TONGUE AND GROOVE WITH PREFORMED FLEXIBLE JOINT SEALANT CONFORMING TO ASTM C990. ALL JOINTS, SEAMS, AND LIFTING HOLES SHALL BE FILLED WITH NON-SHRINKING CEMENT OR NON-SHRINK GROUT IN COMBINATION WITH CONCRETE OR RUBBER PLUGS AND FINISHED FLUSH ON BOTH THE INSIDE AND THE OUTSIDE.
5. MANHOLE FRAMES AND COVERS SHALL BE OF 'WPCA' STANDARDS. COVERS SHALL BE NON-VENTED. THE FRAME AND BRICK RISER SHALL BE PARGED WITH NON-SHRINK CEMENT ON THE OUTSIDE AND ALLOWED TO SETUP PRIOR TO BACKFILL.
6. USE 12" MAX. OF RED BRICK TO RAISE FRAME AND COVER TO GRADE. FOR DEEP UNITS, USE PRECAST BARREL SECTIONS PRIOR TO THE RED BRICK RISERS. RED BRICK TO BE GRADE MS THAT COMPLIES WITH ASTM C32 AND TYPE II PORTLAND CEMENT MORTAR CONFORMING TO ASTM C150 MIXED IN TWO PARTS SAND AND SMALL AMOUNT OF HYDRATED LIME CONFORMING TO ASTM C207.
7. SCHEDULE 80 PIPE PENETRATIONS SHALL HAVE A FLEXIBLE "BOOT TYPE" WATERTIGHT 3/8" MIN. THICKNESS EPDM RUBBER SEAL IN ACCORDANCE WITH ASTM C443 AND C923. EXTERNAL BANDS SHALL BE 304 NON-MAGNETIC STAINLESS STEEL.
8. NO FIXTURE OR DRAIN OTHER THAN THOSE LISTED IN SECTION 5 (b)(1)(A) IN CT. D.E.P. PUBLICATION FOR "GENERAL PERMIT FOR THE DISCHARGE OF WASTEWATER ASSOCIATED WITH FOOD PREPARATION ESTABLISHMENTS" SHALL BE CONNECTED TO THE GREASE TRAP/INTERCEPTOR UNLESS APPROVED BY THE AUTHORIZED AGENT.
9. THE GREASE TRAP/INTERCEPTOR SHALL BE LOCATED SO AS TO MAINTAIN SEPARATION DISTANCE FROM WELL WATER SUPPLIES BASED ON FLOW AT THE DISTANCES SET FORTH IN SECTION 19-13-B5213/16 OF THE PUBLIC HEALTH CODE.
10. MINIMUM SEPARATION DISTANCES SHALL BE MAINTAINED BETWEEN THE GREASE TRAP/INTERCEPTOR AND ITEMS SUCH AS BUT NOT LIMITED TO BUILDINGS, WATERCOURSES, DRAINS, ETC. AS LISTED IN LOCAL MUNICIPAL ORDINANCES.
11. TESTING OF TANK TO CONFORM TO CANTON WPCA SPECIFICATIONS.
12. INLET AND OUTLET TEES SHALL BE LOCATED TO PROVIDE FULL ACCESS FOR CLEANING FROM OUTSIDE OF THE TANK.
13. PROVIDE THREE (3) 3"x3"x1/4" STAINLESS STEEL ANGLES TO BE ANCHOR BOLTED AND EVENLY SPACED AROUND THE TOP OF THE STRUCTURE TO SUPPORT EACH OF THE CONCRETE RISERS.
14. COAT EXTERIOR OF TANK AND RISERS, INCLUDING BOTTOM & TOP, WITH DAMP-PROOF COATING (HYDROCID 648 BY SONNEBORN PRODUCTS, OR APPROVED EQUAL).
15. GREASE TRAPS ARE REQUIRED FOR ALL FOOD SERVICE ESTABLISHMENTS.

 <p>Water Pollution Control Authority Town of Canton</p> <p>4 Market Street P.O. Box 168 Collinsville, Connecticut 06022</p>	SEWER CONSTRUCTION DETAIL	
	GREASE TRAP AND OIL/WATER SEPARATOR	
	LATEST REVISION: 2/07	NO SCALE
		NO. 033