VOLUME BASED GREASE INTERCEPTOR SIZING AND DESIGN GUIDELINE

Precast concrete grease interceptors

Design Requirements
- 1,600 gallon – current WSSC design standard detail for 3 chambered interceptor
- 1,000 gallon – 2 chambered design (plan approval required)
- 500 gallon – current WSSC design standard detail

Construction
- Concrete interceptors must conform to the structural requirements in ASTM 1613

Sizing
- Interceptors shall be sized according to the WSSC Plumbing and Fuel Gas Code Section 302.10, table 1003.c
- Deviation from the sizing method in section 302.10, including over sizing, must be justified in writing with the plan submittal.

Installation
- Interceptors must be installed according to the WSSC Plumbing and Fuel Gas Code

Non-precast Concrete Grease Interceptors

Design
- All tanks and systems must be engineered. All drawings must bear the stamp of a professional engineer.

Construction Materials
- Fiberglass
- Coated Steel
- Polyethylene

Sizing
- Interceptors shall be sized according to the WSSC Plumbing and Fuel Gas Code Section 302.10, table 1003.c
- Deviation from the sizing method in section 302.10, including over sizing, must be justified in writing with the plan submittal.

Installation
- Interceptors must be installed and vented according to the WSSC Plumbing and Fuel Gas Code

Date of Document: October 31, 2008
Effective Date of Guideline: November 1, 2008