

SECTION 33 34 14
ON-SITE EXTERIOR POLYETHYLENE GREASE TRAPS

PART 1 GENERAL

1.1 WORK COVERED BY CONTRACT DOCUMENTS

- A. Furnish and install polyethylene grease traps as shown on the plans.
- B. Grease traps shall have no moving parts.

1.2 REFERENCE DOCUMENTS

- A. ASME A112.14.3 – Hydromechanical Grease Interceptors
- B. FBC – Florida Building Code

1.3 SUBMITTALS

- A. Submit under provisions of Section 01 33 00.
- B. Prior to installation, the Contractor shall furnish to the Project Consultant the Manufacturer's standard data sheets describing components including materials, dimensions, relationship to adjacent construction, and attachments.
- C. Complete As-Built information and plans required before final acceptance of the system.
 - 1. Contractor shall provide accurate record of installed grease trap manhole rim elevations and inverts for the grease trap, influent pipe, and effluent pipe.
 - 2. Registered Surveyor shall provide all horizontal and vertical information in the Contractor's As-Built information.

1.4 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 specification sections, apply to work in this section.

1.5 WARRANTY

- A. Builders warranty shall be one year from the date of substantial completion.
- B. Manufacturer's warranty shall be lifetime in accordance with their written conditions.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Hydromechanical grease interceptor as manufactured by Schier Products Company, Kansas City, Kansas, 66111.

2.2 FLOTATION

- A. Anchor unit to resist flotation assuming the unit is empty and ground water is at the top of the installed unit.
- B. Use manufacturer's anti-flotation anchor kit.

PART 3 EXECUTION

3.1 Do not compact backfill.

3.2 Provide a 4" thick concrete slab at ground level above the grease trap.

3.3 Install unit within a protective concrete vault if the ground water level is expected to exceed the top of the installed unit.

3.4 Provide dead man anchors to go with the manufacturer's anti-flotation anchor kit.

3.5 Install in strict accordance with the manufacturer's requirements.

END OF SECTION