**SECTION 33 34 14**

**ON-SITE EXTERIOR POLYETHYLENE GREASE TRAPS**

**PART 1 GENERAL**

1. WORK COVERED BY CONTRACT DOCUMENTS
   1. Furnish and install polyethylene grease traps as shown on the plans.
   2. Grease traps shall have no moving parts.
2. REFERENCE DOCUMENTS
   1. ASME A112.14.3 – Hydromechanical Grease Interceptors
   2. FBC – Florida Building Code
3. SUBMITTALS
   1. Submit under provisions of Section 01 33 00.
   2. 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.
   3. 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.
4. RELATED DOCUMENTS
   1. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 specification sections, apply to work in this section.
5. WARRANTY
   1. Builders warranty shall be one year from the date of substantial completion.
   2. Manufacturer’s warranty shall be lifetime in accordance with their written conditions.

**PART 2 PRODUCTS**

1. MANUFACTURER
   1. Hydromechanical grease interceptor as manufactured by Schier Products Company, Kansas City, Kansas, 66111.
2. FLOTATION
   1. Anchor unit to resist flotation assuming the unit is empty and ground water is at the top of the installed unit.
   2. Use manufacturer’s anti-flotation anchor kit.

**PART 3 EXECUTION**

1. Do not compact backfill.
2. Provide a 4” thick concrete slab at ground level above the grease trap.
3. Install unit within a protective concrete vault if the ground water level is expected to exceed the top of the installed unit.
4. Provide dead man anchors to go with the manufacturer’s anti-flotation anchor kit.
5. Install in strict accordance with the manufacturer’s requirements.

END OF SECTION