1. Surrounding soil must be undisturbed soil or well compacted engineering fill.

2. Excavate a hole that is at least 12" larger than the interceptor on all sides. The excavation for the H2O slab and the 6" deep aggregate slab base shall be a minimum of 18" larger than the interceptor on all sides.

3. Depth of the excavation shall be 12" deeper than the bottom of the interceptor.

4. After the excavation is complete lay a level bed of well-packed crushed aggregate (approx. 3/4" size rock or sand, with no fines) as a base in the hole.

5. Backfill evenly all around the tank using crushed aggregate material (approximately 3/4" size rock or sand, with no fines) as a base in the hole.

6. Before backfilling and pouring of slab secure covers and risers. After the excavation is complete lay a level bed of well-packed compacted sand/ gravel support base depth above native soil.

7. Note: Tighten all neck bands to min of 5 and to a max 8 ft lbs. Tighten all neck bands accordingly while maintaining required minimum dimensions.

8. Rebar spacing 12" grid. 4" spacing around access openings.

9. Butyl Mastic

10. Integral air relief / Anti-siphon / Sampling access.

**REFERENCE DETAIL**

**Details**

- **Excavation and Backfill Detail**
  - Tank
  - Riser
  - Buyl Mastic sealant
  - Detail C: Riser to Tank Connection
  - Cover adapter
  - 24-1/2
  - 8" PVC pipe
  - GB-1000 Grease Interceptor
  - Screw the 4" plain end adapter fittings for use with Strongback couplings.
  - FCR2 Risers (2 places)

- **Concrete Slab Detail**
  - FCR2 Risers to finished grade
  - Crushed gravel or sand
  - Compact sand/ gravel support base depth above native soil

- **Diagrams**
  - Schier Great Basin™ grease interceptor model KGB-1000 shall be lifetime guaranteed and made in USA of seamless, polyethylene. Interceptor shall be furnished for below grade installation. Interceptor shall be certified to ASME A112.14.3 (type C) and CSA B481.1, with field cut riser system. Safety Star™ access restrictor built into each cover adapter. Interceptor flow rate shall be 100 GPM. Interceptor grease capacity shall be 6,547 lbs. Cover shall provide water/gas-tight seal and have minimum 16,000 lbs. load capacity.

- **Certification**
  - Schier Great Basin™ Grease Interceptor is third party performance-tested and listed by IAPMO to ASME A112.14.3 and CSA B481.1, meeting interceptor standards and greatly exceed requirements for grease separation and storage.