

# Risers and Tank Locators



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# Risers

- Septic Tanks
  - Either the septic tank or the riser must come to within six inches of the finished grade [§ 130A-335.1(b)(4)]
- Pump Tanks
  - Riser must extend at least six inches above finished grade [15A NCAC 18A.1954(b)(5)]





# Materials

- Plastic
  - E-Z Set, GAG Sim/Tech, Orenco, Polylok, Tuf-Tite, and Zabel (now owned by Polylok)
- Concrete
  - As approved in the plans submitted to the Section







# Problems with Risers

- Materials
- Landscaping/Access
- Environment

# Materials

- Concrete
  - Steel lids
    - Too heavy to lift
    - Rust
  - Concrete lids
    - Plastic handles – can break
    - Some metal used can rust
    - No handles



11 9'96



# Materials

- Concrete
  - Concrete riser
    - Edges/corners can break off
    - Steel reinforcement exposed can rust and cause leaks





Stay-Rite  
21 X 21

Stay-Rite  
21 X 21

# Materials

- Plastic

- Riser sections

- When screwed together, the plastic has split
- The weight of the soil has changed the shape of the riser from circular to oval
- Leaks can develop between the riser sections

- Riser lids

- When the lids are screwed on, the plastic has split



# Materials

- Plastic
  - Can receive damage from the surrounding environment
    - Lawn mowers and other yard equipment
    - Kids
    - Sun, heat, cold

# Landscaping

- Limited access
- Difficult to find risers
- Can break or damage risers







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# Tank Locators

- Required by law
- Use to help owners, operators, and pumpers find the tanks without having to dig up the entire yard