Sunbelt Planning Associates, Inc.
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LOW PRESSURE SYSTEM INSTALLATION WORKSHEET

Date: May 7, 1980

Site Name: Lot #61, Cedar Hills Subdivision

Site Location: Iredell County

Developer: The Fortis Corporation

Contractor: The Fortis Corporation

Design Flow: 450 GPD

Septic Tank: existing

Pump Tank: 750 gal.

Site Improvements: Do not disturb the soil.

Dosing Trenches: Depth 18 inches, width 4 inches; total length 640 feet. Pipe is laid on 4 inch bed of gravel (about ½" diameter). Pipe is covered by a 2 inch bed of gravel. Amount of gravel: 8 cu. yds. Backfill upper 10 inches of trenches.

Topsoil Capping: None required

Piping System:

Manifold:	1½ inch 160 psi PVC	Length:	80 ft.
Supply Lines:	2 inch 160 psi PVC	Length:	180 ft.
Laterals:	1¼ inch 160 psi PVC	Length:	640 ft.

Fittings Required:

- 4 - 2 inch PVC tees
- 8 - 1½ inch PVC tees
- 6 - 2 inch PVC ells
- 2 - 2 inch PVC 45° ells
- 2 - 2 inch PVC 60° ells
- 12 - 1½ inch PVC ells
- 4 - 2 x 1½ inch PVC reducers
- 15 - 1½ x 1¼ inch PVC reducers
- 1 - 2 inch PVC union
- 4 - 1½ inch needle point globe or butterfly valves
- 15 - 1¼ inch PVC tees
- 30 - 1¼ inch PVC ells
- 30 - 1¼ inch PVC pipe, 12 inch length with one end threaded