CONSTRUCTION PERMIT APPLICATION REQUIREMENTS FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM

- Upon submittal of an On-site Wastewater Treatment System Construction Permit Application, the following is required:
  - Type and Components of the System
  - Size of Septic Tank and Absorption System
  - Depth of each trench (or depth of bed)
  - Distance to Pertinent Areas (i.e. Setbacks)
  - Site Plan – SEE EXAMPLE FOR REQUIREMENTS
  - Floor Plan of Dwelling, including all finished and unfinished areas
  - Field Evaluation
  - Soil Profile Log
  - Percolation Test Information
  - Source and Location of Domestic Water Supply
  - Replacement Area for Absorption System (if applicable)
  - Printed Name and Signature of Certified Installer

- Please be advised that no construction can begin until the OSWTS Construction Permit Application has been approved by Pennington County. A copy of the approved permit may be mailed/emailed to the certified installer following approval. If construction begins before the OSWTS Construction Permit is approved, a penalty fee may be assessed and must be paid before the final inspection is scheduled.

INSPECTION OF AN ON-SITE WASTEWATER TREATMENT SYSTEM

- The Certified Installer *must set-up an inspection time* with the Onsite Wastewater Specialist during normal duty day **AT A MINIMUM OF 24 HOURS PRIOR** to the needed inspection time.

- The Certified Installer shall provide an as-built diagram *at the time of inspection* with the following information:

Requirements for As-Built Drawings

The As-Built Drawing will be a layout drawing of the on-site wastewater treatment system located on the property showing all property lines, structures, well, etc. The As-Built Drawing, *at a minimum*, shall include **ALL** of the following:

- Location of Septic Tank (or Holding Tank, if applicable) and Absorption System
- Measured distances pertaining to all required setbacks (i.e. wells within 150 feet, property lines, distances to all structures on the property, high water lines, drainages, etc.) – for both the Septic or Holding Tank and Absorption System
- North Arrow
- All streams, creeks, bodies of water and drainage areas.
- Any easements on the property
- Length and width of each trench (or length and width of bed or mound)
- Depth of each trench (or depth of bed)
- Location of any Distribution or Drop Boxes
- Absorption System Reserve Area
- Signature and Date of Certified Installer

General Subdivisions Requiring Additional Septic Requirements For Submittal

Note: *This is a general guideline of subdivisions. There may be other subdivisions and/or individual properties that will also require additional septic information for submitting an application. Applicants should always check the plat of the property for any special notes prior to submitting any applications. If the property is located within a Planned Unit Development, the conditions of the Planned Unit Development should be checked for any special requirements.*

Aspen Estates:
1. Percolation test for drainfield.
2. Septic systems must be signed and stamped by a Professional Engineer – Approved by both Rapid City and Pennington County.
3. Complete report of soils performed by the Engineer.

Canyon Springs:
1. Home can only be four and one-half (4.5) bedrooms max (if larger than 4.5 bedrooms, property owner is responsible for the increase to the OSWTS).
2. System consists of Advanced Treatment Unit (ATU).
3. Applicant must have Service Contract for ATU.
4. Must verify community drainfield is in.

Holy Cow Subdivision #2:
1. Two (2) suitable on-site wastewater systems must be identified, with accompanying percolation tests and soil profiles.

Kieffer Ranch Estates:
1. Prior to issuance of a Building Permit, a reserve drainfield shall be identified.

Merchen Estates:
1. Percolation test for drainfield.
2. Percolation test for reserve drainfield (reserve area must be shown on the site plan).

Ranch at Black Gap:
1. Percolation test for drainfield.
2. Percolation test for reserve drainfield (reserve area must be shown on the site plan).
3. Engineered designed septic systems: Percolation testing, soil information, and septic design must be stamped and signed by a Professional Engineer.

Sheridan Lake Highlands:
1. Percolation test for drainfield.
2. Percolation test for reserve drainfield (reserve area must be shown on the site plan).

Silver Spur:
1. Percolation test for drainfield.
2. Percolation test for reserve drainfield (reserve area must be shown on the site plan).

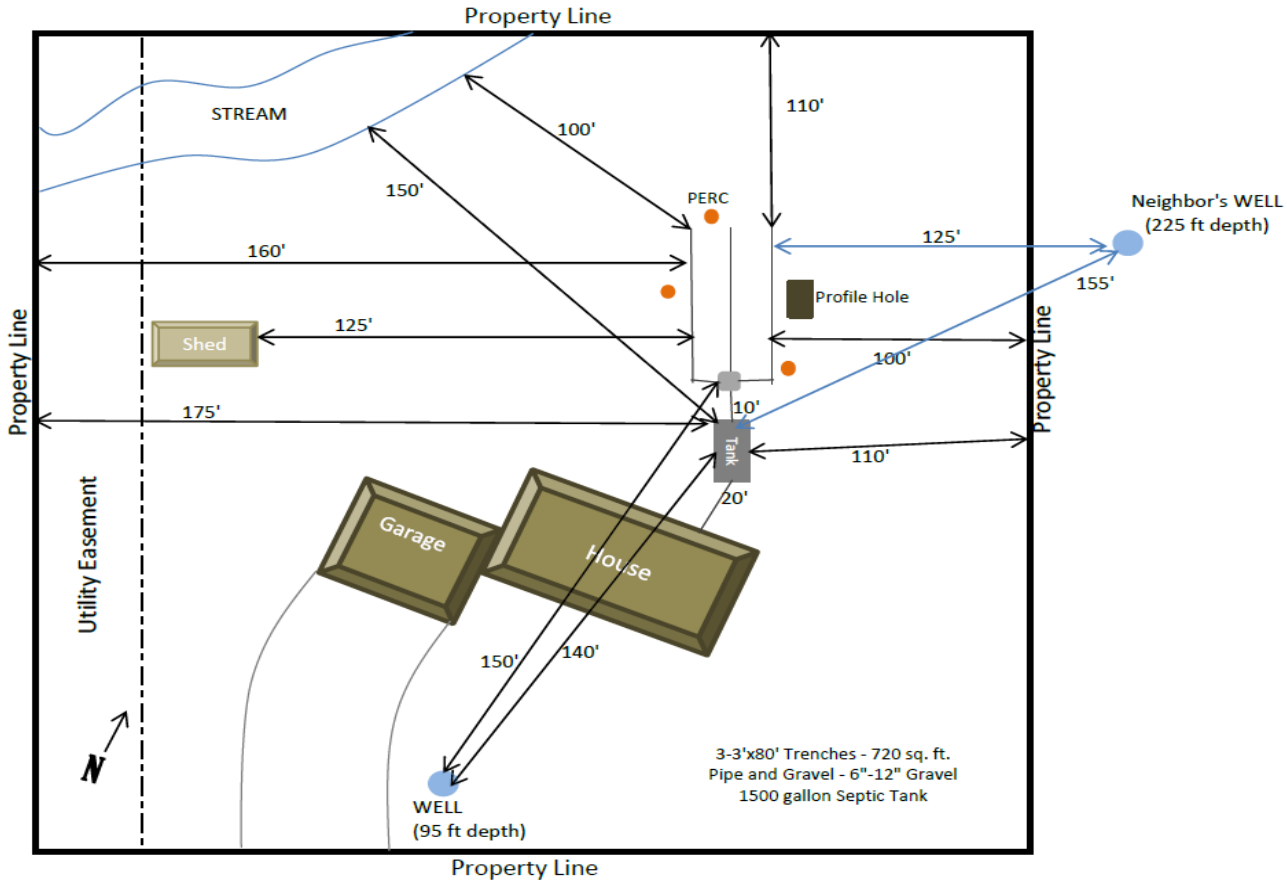
Spring Creek Acres:
1. Percolation test for drainfield.
2. Percolation test for reserve drainfield (reserve area must be shown on the site plan).
3. Engineered designed septic systems.

Sunrise Ranch Estates:
1. Percolation test for drainfield.
2. Percolation test for reserve drainfield (reserve area must be shown on the site plan).

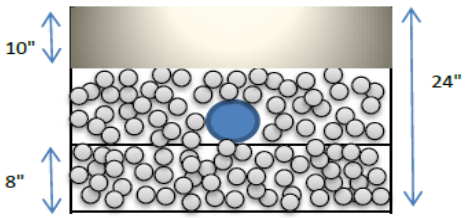
Sunset Ranch:
1. Percolation test for drainfield.
2. Percolation test for reserve drainfield (reserve area must be shown on the site plan).
3. Engineered designed septic systems.

Agape Land Subdivision:
1. Percolation test and profile hole for reserve drainfield (reserve area must be shown on the site plan).

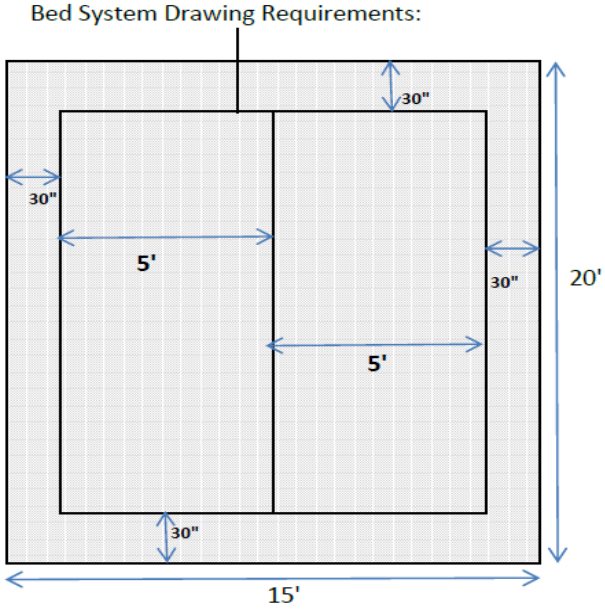
SITE PLAN EXAMPLE:

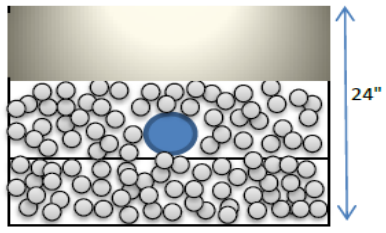


Trench System Cross Section:



Bed System Drawing Requirements:





15' x 20' = 300 sq. ft.
6" Gravel Beneath