

# SEPTIC SYSTEM NOTES:

THE SEPTIC SYSTEM SOIL ABSORPTION AREA SHALL BE STAKED OUT AND ROPED OFF OR FENCED OFF PRIOR TO START OF CONSTRUCTION. NO HEAVY EQUIPMENT SHALL BE OPERATED IN THESE AREAS, NO PARKING OR MATERIAL STORAGE SHALL OCCUR IN THESE AREAS. THESE AREAS SHALL REMAIN UNDISTURBED.

THE SEPTIC SYSTEM SOIL ABSORPTION AREA SHALL BE FREE OF ANY SITE DISTURBANCE. IF ANY DISTURBANCE OR DAMAGE HAS OCCURRED, INSTALLATION SHALL NOT PROCEED AND THE REGISTERED INSTALLER SHALL CONTACT THE OWNER AND THE BOARD OF HEALTH.

PRIOR TO EXCAVATION THE REGISTER INSTALLER SHALL CHECK ALL ELEVATIONS IN THE LAYOUT PLAN RELATIVE TO THE ESTABLISHED BENCHMARK INCLUDING THE SURFACE, CONTOUR AND PROPOSED BOTTOM ELEVATION OF EACH TRENCH AND THE FLOW LINE ELEVATION OF THE STS COMPONENTS TO ASSURE PROPER FLOW THROUGH THE SYSTEM.

LEACHING TRENCH MATERIAL SHALL BE PLACED IN A MANNER THAT PREVENTS COMPACTION OF THE INFILTRATIVE SURFACE. OPEN TRENCHES SHALL BE AVOIDED FOR ANY LENGTH OF TIME TO PREVENT IMPACTS FROM SEDIMENTS IN RUNOFF AND WINDBLOWN SILT.

SUITABLE BACK FILL AND COVER MATERIAL SHALL NOT BE COMPACTED AND SHALL ALLOW FOR SETTLING. THE COMPLETE STS AREA SHALL BE PROTECTED FROM EROSION THROUGH SURFACE WATER DIVERSION AND PROVISION OF SUITABLE VEGETATIVE COVER, MULCHING, OR OTHER SPECIFIED MEANS OF PROTECTION.

SOIL MOISTURE CONDITIONS SHALL BE EVALUATED AT THE TIME OF INSTALLATION, AND THE EXCAVATION OR PREPARATION OF THE SOIL INFILTRATION INTERFACE, SUCH AS A TRENCH OR BASAL AREA, SHALL NOT PROCEED WHEN THERE IS A RISK OF SHEARING OR COMPACTION AS EVIDENCED BY A DEFORMABILITY TEST, COMMONLY REFERRED TO AS RIBBONING, OR OTHER MEANS ESTABLISHED BY THE BOARD OF HEALTH.

A BUILDING SEWER SHALL BE WATERTIGHT, HAVE A MINIMUM DIAMETER OF FOUR INCHES AND BE CONSTRUCTED OF DURABLE MATERIAL CONFORMING TO ASTM D 2661 FOR ABS PLASTIC PIPE AND ASTM D 2665 FOR PVC PLASTIC PIPE (TYPE DWV) OR EQUIVALENT. PIPE, FITTINGS AND JOINING MATERIALS SHALL BE CHEMICALLY AND PHYSICALLY COMPATIBLE.

CLEANOUTS SHALL BE REQUIRED IN A BUILDING SEWER AT ANY TURN IN THE PIPE GREATER THAN FORTY-FIVE DEGREES AND AT THE POINT A BUILDING SEWER PIPE EXCEEDS ONE HUNDRED FEET AND AT EVERY ONE HUNDRED FEET INTERVAL THEREAFTER.

CASINGS SHALL BE PROVIDED IN AREAS WHERE A BUILDING SEWER MAY BE SUBJECT TO LOADS WHICH MAY CAUSE DAMAGE.

BASELINE RECORDS AND ANY SOIL ABSORPTION COMPONENT OPERATION AND MAINTENANCE INSTRUCTIONS SHALL BE PROVIDED BY THE INSTALLER TO BOTH THE OWNER AND THE BOARD OF HEALTH AS A CONDITION OF INSTALLATION APPROVAL.

THE STS INSTALLER IS REQUIRED TO CONSULT WITH THE DESIGNER REGARDING ANY INTENDED CHANGES TO THE PLAN.

THE OWNER SHALL BE REQUIRED TO HIRE AN APPROVED SEPTAGE HAULER TO PUMP THE SEPTIC TANK AS REQUIRED BASED UPON FLOWS, SOLID BUILD UP, ETC.

THE OWNER SHALL BE RESPONSIBLE FOR ALL OPERATION AND MAINTENANCE (O&M) REQUIRED FOR THE SEPTIC SYSTEM.

ALL O&M SHALL BE PER MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS FOR THE PARTICULAR SYSTEM COMPONENT.

## Erosion and Sediment Control Schedule

### Ingress-Egress

A stone access drive complete with under lying geo-textile fabric (20 feet wide and 50 feet long) for ingress and egress at the site shall be installed. This drive shall be the only entrance and exit to the site.

### Silt Fence

All silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

### Temporary Seeding

Disturbed areas of the site that are to remain idle for more than

twenty-one (21) days shall be properly seeded and straw mulched within seven (7) days of completion of initial grading.

Temporary seeding and mulching of a thirty (30) foot strip of the entire front of the lot shall be maintained on the site once initial grading is complete.

### Mulching

Straw-mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty (30) feet of the entire length of the lot. Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

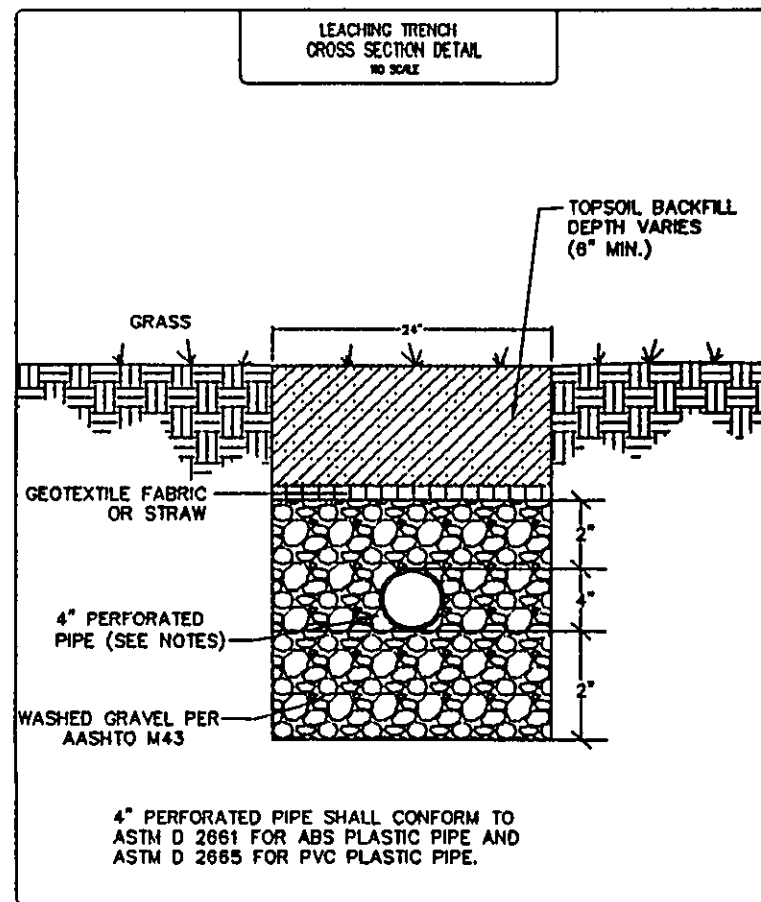
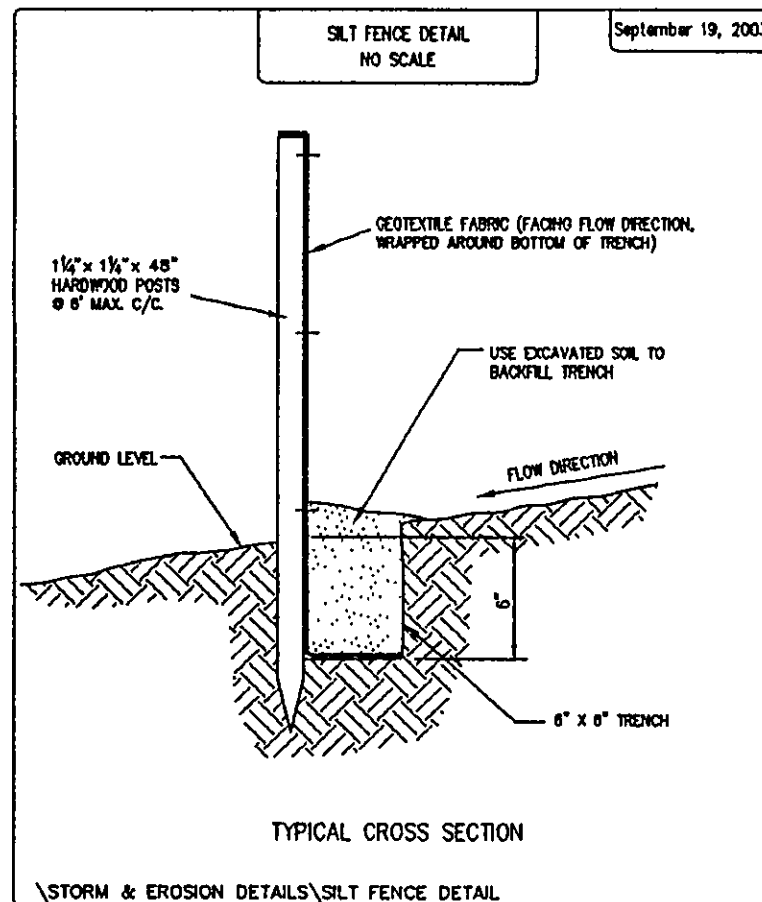
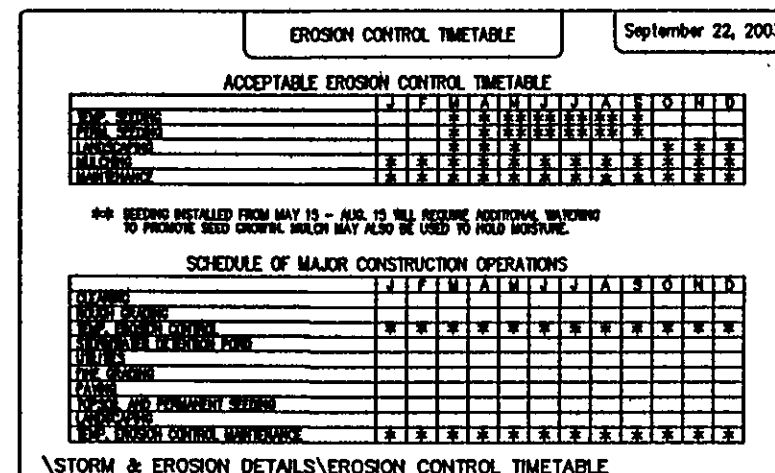
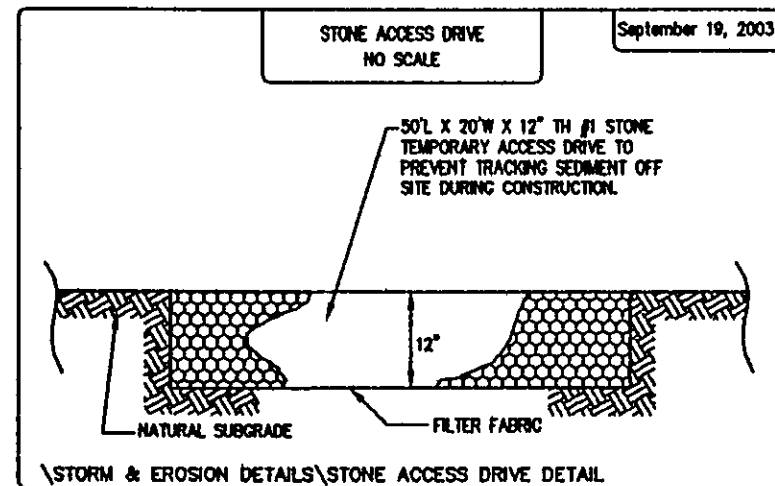
### Maintenance

Erosion and sediment controls shall be inspected every seven (7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.

### Note:

All erosion and sediment control specifications, applications, and timetables are based on the descriptions and standards of The Ohio Department of Natural Resources "Rainwater and Land Development Manual", 1999

The specified erosion and sediment control standards are general guidelines and shall not limit the right of the city or county to impose, at any time, additional, more stringent requirements. Nor shall the standards limit the right of the city or county to waive, in writing, individual requirements.



| Seed Mix                  | lb./ac. | lb. / 1000sq ft | Notes                         |
|---------------------------|---------|-----------------|-------------------------------|
| General Use               |         |                 |                               |
| Creeping Red Fescue       | 20-40   | 1/2-1           |                               |
| Domestic Ryegrass         | 10-20   | 1/4-1/2         |                               |
| Kentucky Bluegrass        | 10-20   | 1/4-1/2         |                               |
| Tall Fescue               | 40      | 1               |                               |
| Dwarf Fescue              | 40      | 1               |                               |
| Steep Banks or Cut Slopes |         |                 |                               |
| Tall Fescue               | 40      | 1               |                               |
| Crown Vetch               | 10      | 1/2             | Do not seed later than August |
| Tall Fescue               | 20      | 1/2             |                               |
| Flat Fescue               | 20      | 1/2             | Do not seed later than August |
| Tall Fescue               | 20      | 1/2             |                               |
| Road Ditches and Slopes   |         |                 |                               |
| Tall Fescue               | 40      | 1               |                               |
| Dwarf Fescue              | 20      | 1/4             |                               |
| Kentucky Bluegrass        | 20      | 1/4             |                               |
| Lawns                     |         |                 |                               |
| Kentucky Bluegrass        | 60      | 1 1/2           |                               |
| Perennial Ryegrass        | 60      | 1 1/2           |                               |
| Kentucky Ryegrass         | 60      | 1 1/2           | For Shaded areas              |
| Creeping Red Fescue       | 60      | 1 1/2           |                               |

Note: other approved seed species may be substituted

### Mulching

Straw mulch shall be unrotted small-grain straw applied at the rate of 2 tons/ac. or 30 lb./1,000 sq ft (two to three bales). The mulch shall be spread uniformly by hand or mechanically so the soil surface is covered. For uniform distribution of hard spread mulch, divide area into approximately 1,000 sq ft sections and spread two 45-lb. bales of straw in each section.

| Seeding Dates                | Species   | Lb. / 1000sq ft | Per Acre |
|------------------------------|---|-----------------|----------|
| March 1 to August 15         |   |                 |          |
|                              | Orchard Fescue  | 3               | 4 bushel |
|                              | Tall Fescue   | 1               | 10 lb    |
|                              | Annual Ryegrass   | 1               | 40 lb    |
|                              | Perennial Ryegrass                                      | 1               | 40 lb    |
|                              | Tall Fescue   | 1               | 40 lb    |
|                              | Annual Ryegrass   | 1               | 40 lb    |
| August 16 to November 1      |   |                 |          |
|                              | Rye   | 1               | 2 bushel |
|                              | Tall Fescue   | 1               | 10 lb    |
|                              | Annual Ryegrass   | 1               | 40 lb    |
|                              | Wheat   | 1               | 40 lb    |
|                              | Tall Fescue   | 1               | 10 lb    |
|                              | Annual Ryegrass   | 1               | 40 lb    |
|                              | Perennial Ryegrass                                      | 1               | 40 lb    |
|                              | Tall Fescue   | 1               | 40 lb    |
|                              | Annual Ryegrass   | 1               | 40 lb    |
| November 1 to Spring Seeding |   |                 |          |
|                              | Use mulch only, no seeding practices or dormant seeding |                 |          |

Note: other approved seed species may be substituted

## HYDRAULIC PROFILE

