

### Erosion and Sediment Control Schedule

#### General

Any sediment-laden groundwater encountered during construction shall be treated prior to discharge.

#### Ingress-Egress

A stone access drive complete with under lying geo-textilefabric (20 feet wide and 50 feet long) for ingress and egress at the site shall be installed if there is not already an existing access drive. 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 thirty (30) 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.

**Stabilization of critical areas within fifty (50) feet of any stream or wetland shall be complete within two (2) days of the disturbance if the site is to remain inactive for longer than fourteen (14) days.**

#### 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<sup>1</sup>.

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

#### Temporary Seeding Specifications

| Seeding Dates                | Species   | lb. / 1000sf | Per Acre                     |
|------------------------------|---|--------------|------------------------------|
| March 1 to August 15         | Oats<br>Tall Fescue<br>Annual Ryegrass                                      | 3<br>1<br>1  | 4 bushel<br>40 lb.<br>10 lb. |
|                              | Pennisetum Ryegrass<br>Tall Fescue<br>Annual Ryegrass                       | 1<br>1<br>1  | 62 lb.<br>40 lb.<br>10 lb.   |
| August 15 to November 1      | Rye<br>Tall Fescue<br>Annual Ryegrass                                       | 1<br>1<br>1  | 2 bushel<br>40 lb.<br>10 lb. |
|                              | Wheat<br>Tall Fescue<br>Annual Ryegrass                                     | 1<br>1<br>1  | 45 lb.<br>40 lb.<br>10 lb.   |
| November 1 to Spring Seeding | Pennisetum Ryegrass<br>Use mulch only; sodding practices or dormant seeding | 1<br>1       | 40 lb.<br>40 lb.             |

Note: other approved seed species may be substituted.

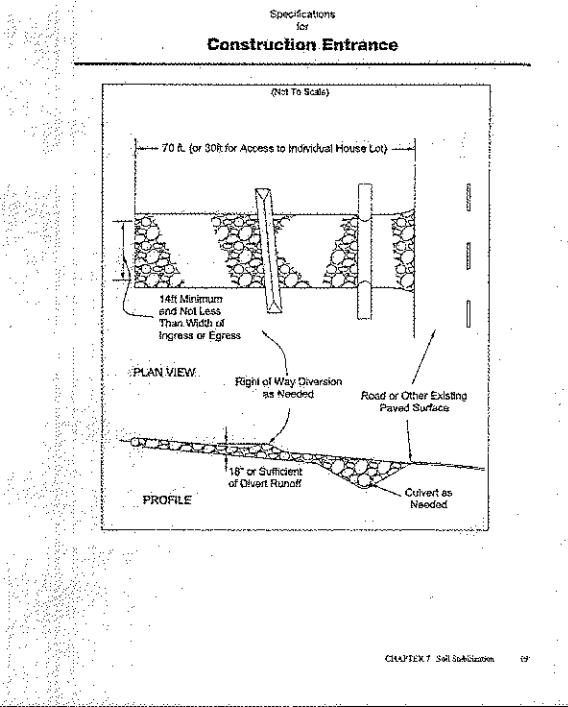
#### PERMANENT SEEDING SPECIFICATIONS

| Seed lbs.                 | ft./oz. | lb. / 1000sf | Notes                          |
|---------------------------|---------|--------------|--------------------------------|
| General Use               |         |              |                                |
| Crossing Sod Fence        | 20-40   | 1/2-1        |                                |
| Dormant Ryegrass          | 10-20   | 1/4-1/2      |                                |
| Kentucky Bluegrass        | 10-20   | 1/4-1/2      |                                |
| Tall Fescue               | 20      |              |                                |
| Wood Chip                 |         |              |                                |
| Slope Banks of Cut Slopes |         |              |                                |
| Tall Fescue               | 20      | 1/2          | Do not seed later than August. |
| Green Vetch               | 10      | 1/2          |                                |
| Tall Fescue               | 20      | 1/2          | Do not seed later than August. |
| Tall Fescue               | 20      | 1/2          |                                |
| Road Ditches and Basins   |         |              |                                |
| Tall Fescue               | 20      | 2 1/4        |                                |
| Dwarf Fescue              | 50      |              |                                |
| Kentucky Bluegrass        | 20      |              |                                |
| Pennisetum Ryegrass       | 50      | 1 1/2        |                                |
| Kentucky Bluegrass        | 50      | 1 1/2        |                                |
| Crossing Sod Fence        | 50      | 1 1/2        | For shaded areas               |

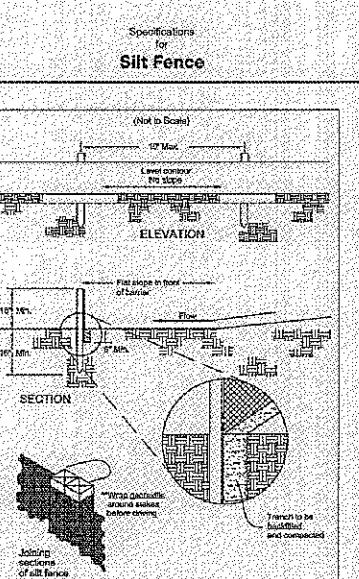
Note: other approved seed species may be substituted.

#### Mulching

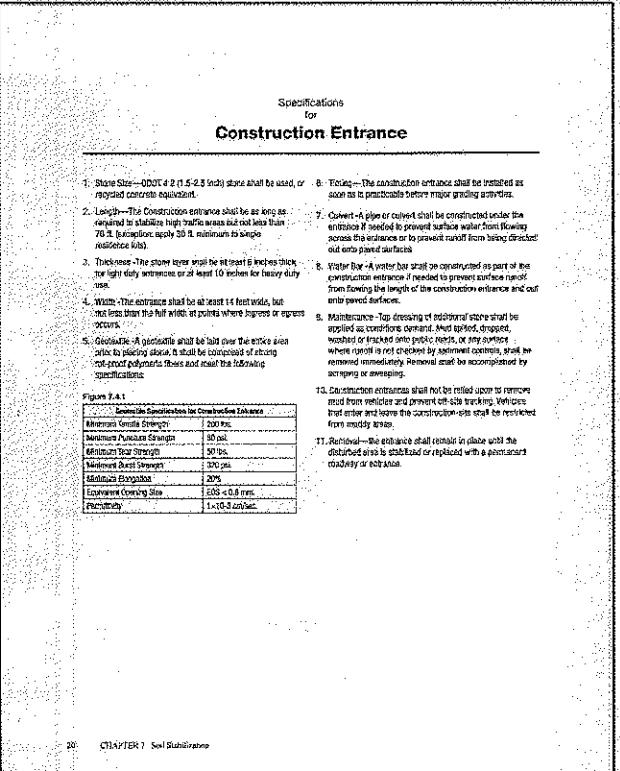
Straw-mulch shall be applied at the rate of 2 tons/oz. or 90 lb./7,000 sq. ft. (two to three bales). The mulch will be spread uniformly by hand or mechanically on the soil surface to cover. For uniform distribution of hand-spread mulch, divide area into approximately 1,000 sq. ft. sections and spread two 50-lb. bags of straw in each section.



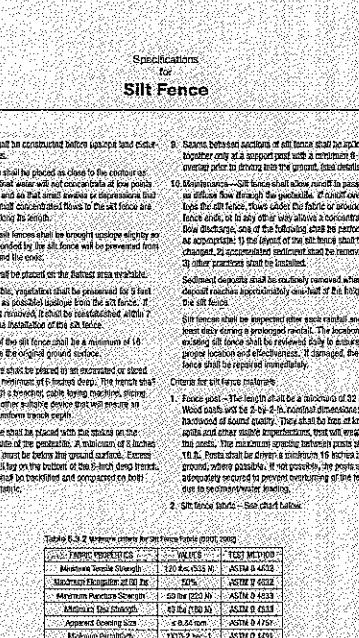
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CHAPTER 7: Soil Stabilization



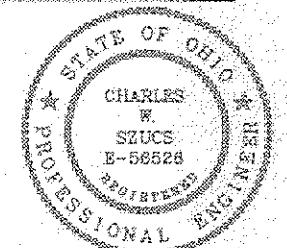
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**CONSTRUCTION DETAILS FOR:  
SUBLOT 22  
Loreto Landings  
Perry Township, Lake County, Ohio**

DATE: 03/07/13  
SCALE: HOR. 1"-20"  
VERT. N.A.  
FILENAME: Site Plan.dwg  
FOLDER: DWG\Site Plan  
DRAWN BY: J.P.B.

CONTRACT No.  
13-013  
SHEET OF  
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| Table 6.3.2: Minimum Criteria for Sediment Control | Value         | Test Method |
|--|---------------|-------------|
| Minimum Silt Fence Strength                        | 100 lb/in     | ASTM D 4220 |
| Maximum Silt Fence Length                          | 100 ft        | ASTM D 4221 |
| Minimum Silt Fence Strength                        | 100 lb/in     | ASTM D 4220 |
| Maximum Silt Fence Length                          | 100 ft        | ASTM D 4221 |
| Approved Covering Area                             | > 100 sq. ft. | ASTM D 4221 |
| Maximum Piling Length                              | 100'          | ASTM D 4221 |
| IMD Express Strength Required                      | 100%          | ASTM D 4221 |