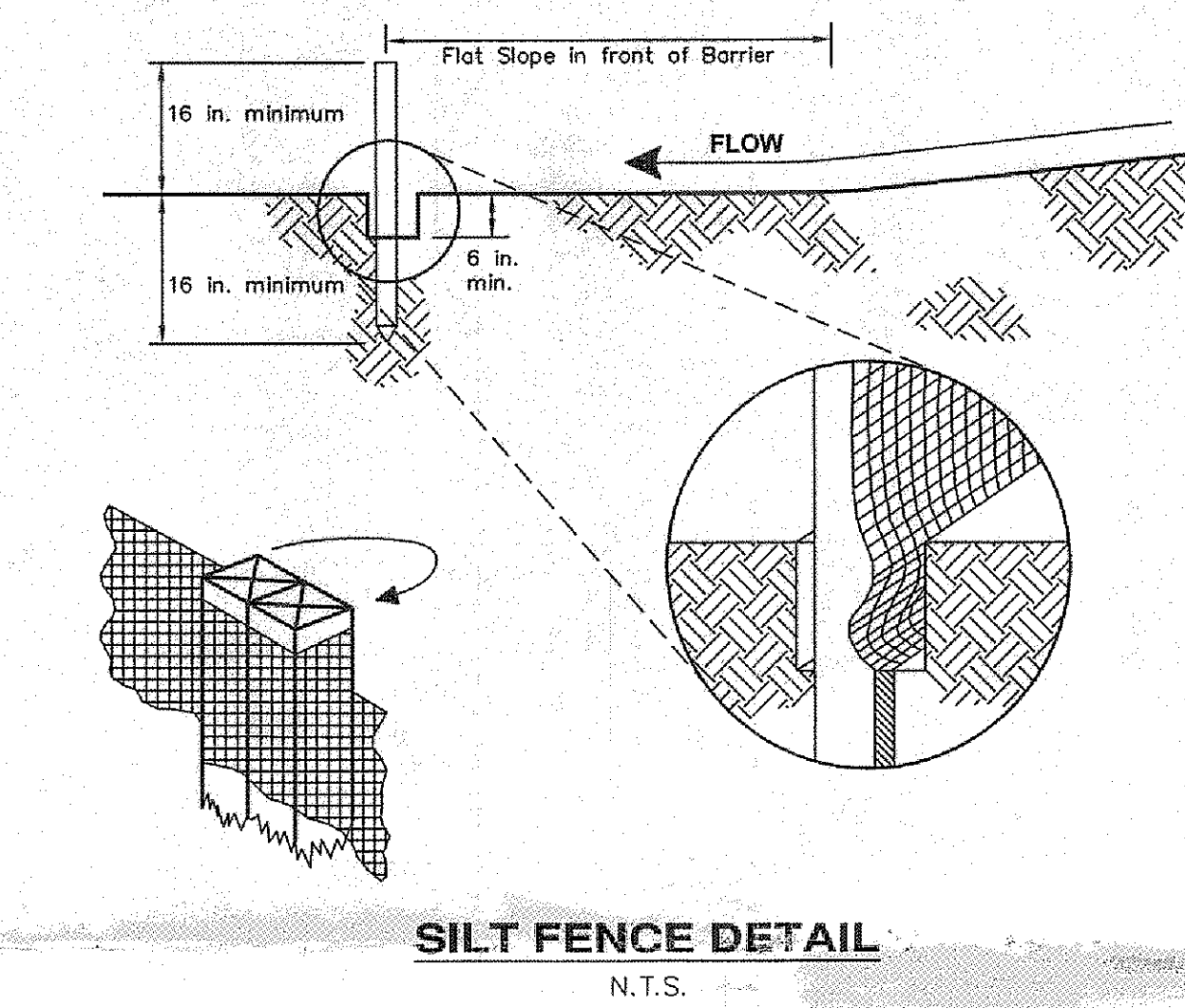
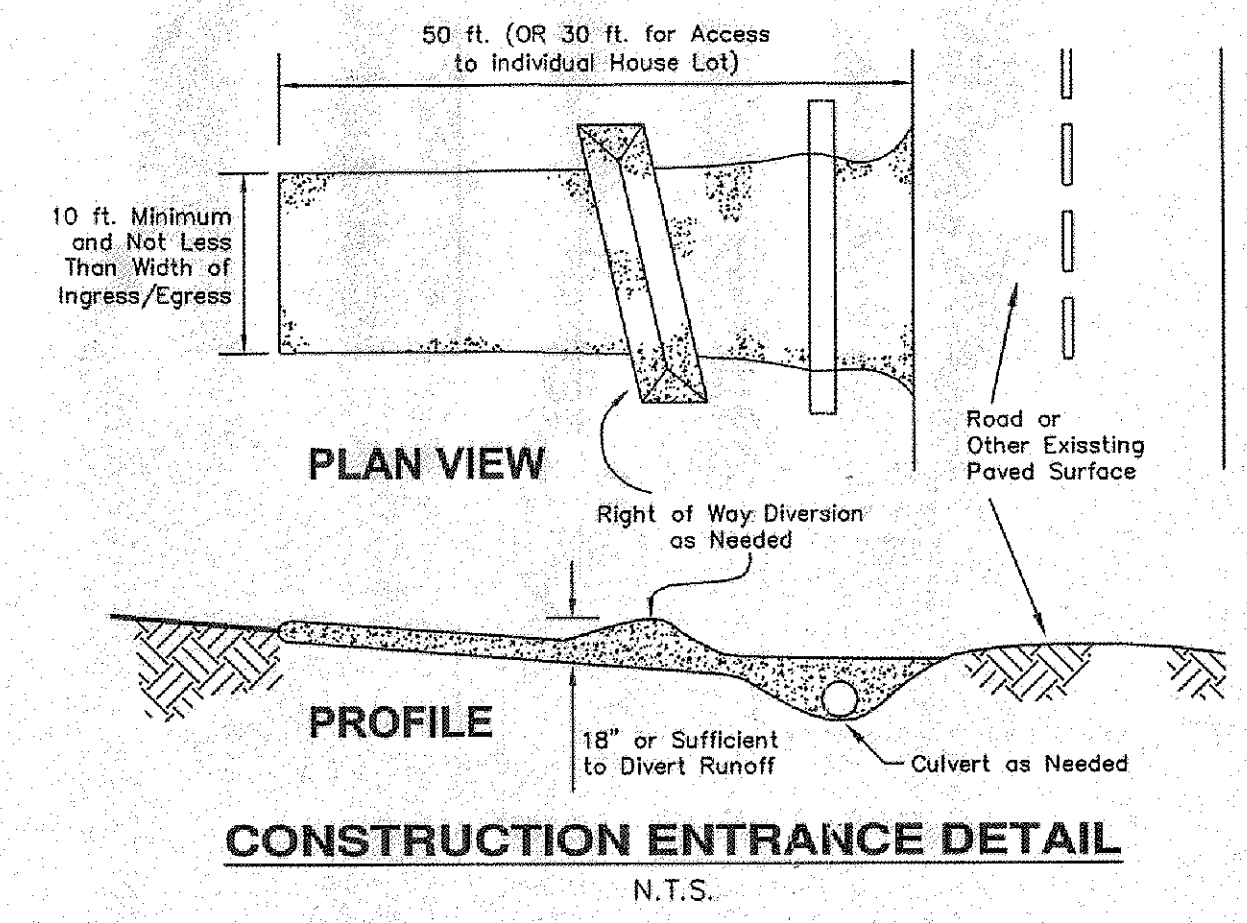
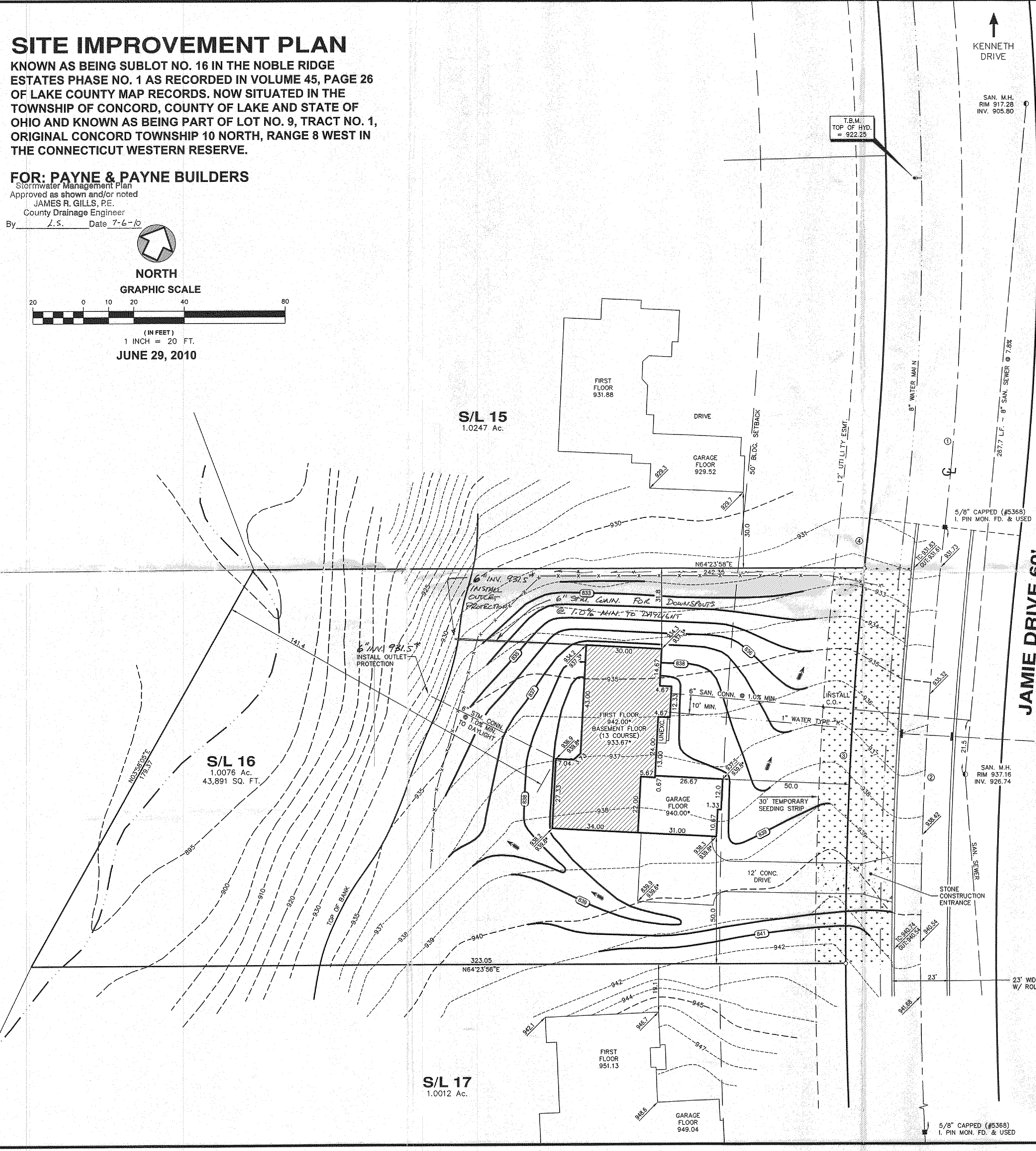
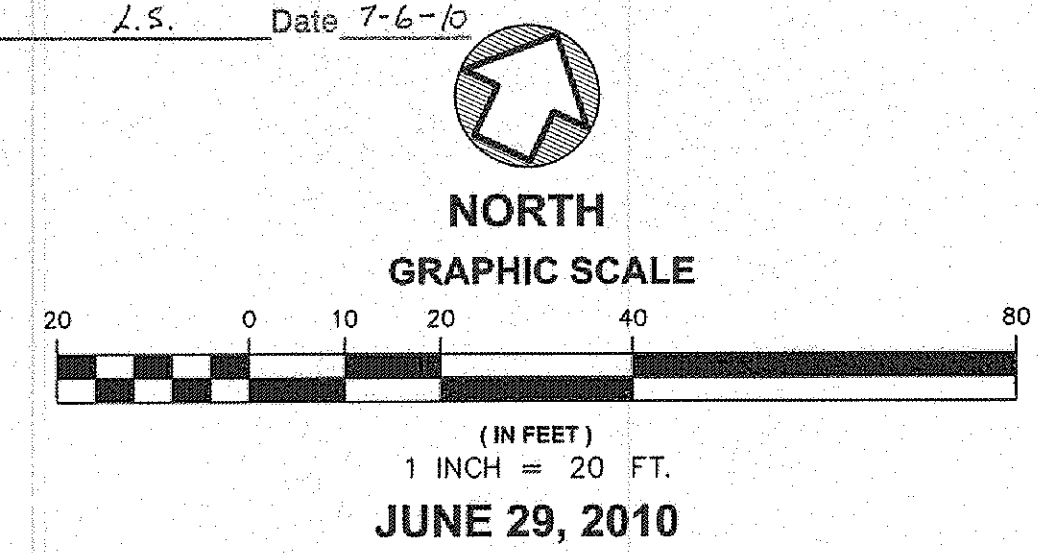


# SITE IMPROVEMENT PLAN

KNOWN AS BEING SUBLOT NO. 16 IN THE NOBLE RIDGE ESTATES PHASE NO. 1 AS RECORDED IN VOLUME 45, PAGE 26 OF LAKE COUNTY MAP RECORDS. NOW SITUATED IN THE TOWNSHIP OF CONCORD, COUNTY OF LAKE AND STATE OF OHIO AND KNOWN AS BEING PART OF LOT NO. 9, TRACT NO. 1, ORIGINAL CONCORD TOWNSHIP 10 NORTH, RANGE 8 WEST IN THE CONNECTICUT WESTERN RESERVE.

FOR: PAYNE & PAYNE BUILDERS

Stormwater Management Plan  
Approved as shown and/or noted  
JAMES R. GILLS, P.E.  
County Drainage Engineer  
By J.S. Date 7-6-10



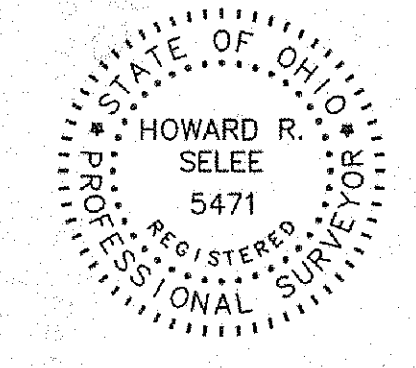
| Temporary Seeding Species Selection |                    |                   |          |
|-------------------------------------|--------------------|-------------------|----------|
| Seeding Dates                       | Species            | Lb./1,000 sq. ft. | Per Ac.  |
| March 1 to August 15                | Oats               | 3                 | 4 bushel |
|                                     | Tall Fescue        | 1                 | 40 lb.   |
|                                     | Annual Ryegrass    | 1                 | 40 lb.   |
|                                     | Perennial Ryegrass | 1                 | 40 lb.   |
|                                     | Tall Fescue        | 1                 | 40 lb.   |
| August 16 to November 1             | Rye                | 3                 | 2 bushel |
|                                     | Tall Fescue        | 1                 | 40 lb.   |
|                                     | Annual Ryegrass    | 1                 | 40 lb.   |
|                                     | Wheat              | 3                 | 2 bushel |
|                                     | Tall Fescue        | 1                 | 40 lb.   |
| November 1 to Spring Seeding        | Annual Ryegrass    | 1                 | 40 lb.   |
|                                     | Perennial Ryegrass | 1                 | 40 lb.   |
|                                     | Tall Fescue        | 1                 | 40 lb.   |
|                                     | Annual Ryegrass    | 1                 | 40 lb.   |
|                                     | Perennial Ryegrass | 1                 | 40 lb.   |

Note: Other approved seed species may be substituted.

DIMENSIONS SHOWN ARE HEREON EXPRESSED IN FEET AND DECIMAL PARTS THEREOF. MONUMENTS WERE FOUND OR SET AS INDICATED HEREON. BEARINGS SHOWN ARE TO AN ASSUMED MERIDIAN AND ARE FOR THE SOLE PURPOSE OF DESCRIBING THE RELATIVE ANGULAR VALUE BETWEEN LINES, ALL OF WHICH I CERTIFY TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Howard R. Selee*  
HOWARD R. SELEE, REG. SURVEYOR #5471  
6/29/10 DATE

- ① R = 1084.70  
A = 22°32'46"  
T = 218.22  
C = 424.09  
N301°7'18"
- ② R = 1478.20  
A = 14°12'39"  
T = 218.22  
C = 365.20  
N26°07'14"W
- ③ R = 1506.20  
A = 05°56'40"  
T = 184.01  
C = 156.20  
N22°44'11"W
- ④ R = 1506.20  
A = 00°44'56"  
T = 184.01  
C = 156.20  
N19°23'23"W



## 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.

**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 of the descriptions and standards of The Ohio Department of Natural Resources "Rainwater and Land Development Manual" and can be found in the Lake County Erosion and Sediment Control Rules as adopted December 21, 1999.

The specified erosion and sediment control standards are 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.

## NOTES:

- 839.9 INDICATES EXISTING ELEVATION
- 839.6 INDICATES PROPOSED GRADE
- 839 INDICATES EXISTING CONTOUR LINE
- 840 INDICATES PROPOSED CONTOUR LINE
- INDICATES DIRECTION OF SURFACE WATER AFTER FINISH GRADING.

BENCH MARK: TOP OF HYDRANT  
FRONT OF SUBLOT NO. 15  
ELEVATION = 922.25

CONTRACTOR TO VERIFY SANITARY AND STORM CONNECTION DEPTHS BEFORE BASEMENT EXCAVATION.

THIS PLAN FOR SITE PURPOSES ONLY, SEE FOUNDATION PLAN FOR HOUSE DETAILS.

MINIMUM FALL AWAY FROM HOUSE IS 6 INCHES IN 10 FEET.

MAINTAIN POSITIVE YARD DRAINAGE (TO SWALES, YARD DRAINS, NATURAL WATERCOURSES OR STREET) ACROSS.

VERIFY MINIMUM SLOPE OF 1% FROM BOTTOM OF FOOTER TO STORM AND SANITARY LATERALS. IF 1% CANNOT BE ACHIEVED, CONTACT CITY ENGINEER.

UNDERGROUND INFORMATION SHOWN TAKEN FROM IMPROVEMENT PLANS AND TYPE, SIZE AND ELEVATIONS TO BE VERIFIED IN FIELD BY CONTRACTOR PRIOR TO CONSTRUCTION.

CONTRACTOR MUST CHECK BENCH MARK WITH PERMANENT GRADE BEFORE ANY EXCAVATION OR WORK IS STARTED.

THE SITE SHALL COMPLY WITH "SPECIFICATIONS FOR INDIVIDUAL LOT PROTECTION AND EROSION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES".

④ IRON PIN SET OR FOUND.

CONCORD TOWNSHIP ZONING OFFICE  
Zoning Permit # 0110-14283  
Date Issued 7/1/10  
Subject to Approval By:  
☒ Lake Co. Engineer/Storm Water Mgmt.  
☒ Lake Co. Utilities Dept.  
☒ Lake Co. Soil + Water District  
☒ Lake Co. Health District  
☒ Lake Co. Building Dept.

HOWARD R. SELEE & ASSOCIATES, INC.  
PROFESSIONAL LAND SURVEYORS  
9701 BROOKPARK ROAD • SUITE 231 • CLEVELAND, OH 44129  
(216) 398-0280 Scale: 1" = 20' File No. 09063-16

