

Erosion and Sediment Notes

Ingress-Egress

A stone access drive for ingress and egress at the site shall be installed. This drive shall be the only entrance and exit to the site. The stone shall be underlain by geo-textile fabric.

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. On sites where a perimeter of temporary seeding (or pre-existing vegetation) cannot be maintained due to limited space, a complete perimeter of silt fence shall be established.

Temporary Seeding/soil stabilization

Disturbed areas of the site that are to remain idle for more than twenty-one (21) days shall be seeded and straw mulched (or similar) within seven (7) days of completion of initial grading; this includes soil stockpiles. Temporary seeding and mulching of a thirty (30) foot strip of the entire front side and any other down-gradient side 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.

Following completion of the construction activities, and the contractor leaving the site, the site soils must be fully stabilized by temporary seeding and/or mulching (or other acceptable process).

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 (or 1 bale/300 sq/ft). 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.

Inlet Protection

Inlet protection shall be constructed before the storm drain becomes operational. The earth around the inlet shall be excavated completely to a depth of at least 18 inches. The 2-by-4 inch posts shall be driven 1 foot into the ground and the top portion of the 2-by-4 inch frame assembled using the overlap joint shown (see diagram on back). The top of the frame shall be 6 inches below grade of adjacent road if ponded water would pose a safety hazard to traffic. Geotextile shall have an equivalent opening size of 20-40 sieve and resistant to sunlight. It shall be stretched tightly around the frame and fastened securely. It shall be extended from the top of the frame to 18 inches below the inlet notch elevation. The geotextile shall overlap across one side of the inlet so the ends of the cloth are not fastened to the same post.

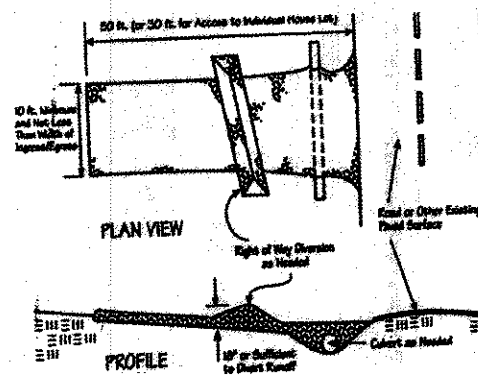
Maintenance

The contractor shall inspect the erosion and sediment controls every seven (7) days or within 24 hours of a 0.5" or greater rainfall event.

Note:

All erosion and sediment control specifications are based on The Ohio Department of Natural Resources "Rainwater and Land Development Manual".

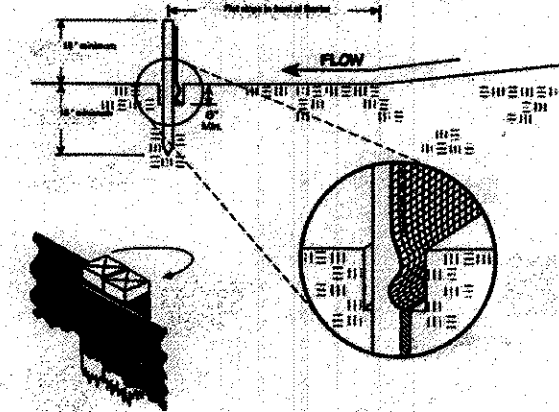
Construction Entrance Detail



Temporary Seeding Specification

Seeding Date	Species	LN/1,000 sq. ft.	Per Acre
March 1 to August 15	Grass	3	4 bushel
	Legume	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
August 15 to November 1	Rye	3	2 bushel
	Legume	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
November 1 to Spring Seeding	Use mulch only, adding grasses or dormant seeding.		

Silt Fence Detail



SITE PLAN FOR KEN JANIK

KNOWN AS BEING PART OF SUBLOT 53 OF THE ARCOLE ESTATES SUBDIVISION No. 2 AS RECORDED IN VOLUME J, PAGE 87 OF THE LAKE COUNTY PLAT RECORDS

TOWNSHIP OF MADISON

COUNTY OF LAKE - STATE OF OHIO

NOTES: TEMPORARY STONE TO BE INSTALLED AT DRIVE ENTRANCE.

SEWER AND WATER LOCATIONS ARE BASED ON IMPROVEMENT PLANS PROVIDED BY THE LAKE COUNTY UTILITIES DEPARTMENT. CONNECTIONS ARE TO BE VERIFIED AT TIME OF CONSTRUCTION.

SPLASHBLOCKS ARE TO BE INSTALLED AT ALL DOWNSPOUTS.

EXISTING ELEVATIONS
PROPOSED ELEVATION

EXISTING CONTOUR
(590)

PROPOSED CONTOUR
(590)

SUBLOT 51

SUBLOT 53

SUBLOT 54

"I, THE UNDERSIGNED HEREBY CERTIFY THAT THE TOPOGRAPHY SHOWN HEREON, INDICATED BY 1 FOOT CONTOURS AND ELEVATIONS REPRESENTS AN ACTUAL FIELD TOPOGRAPHIC SURVEY MADE BY ME ON DECEMBER 19, 2011 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED WEREBON."

James A. Ziemba
JAMES A. ZIEMBA, PROFESSIONAL SURVEYOR #7094
BENCHMARK SURVEY COMPANY
5964 SOUTH RIDGE ROAD
MADISON, OHIO 44057
DECEMBER 19, 2011
440-428-8599

APPROVED
MADISON TOWNSHIP ZONING
DATE 12/29/11
BY JK 2-3829

0 15 30 60
SCALE 1" = 30'

BENCH
TOP OF
ELEV.

Stormwater Management
Approved as shown and
JAMES R. GILLS, P.E.
County Drainage Engineer
By L.S. Date