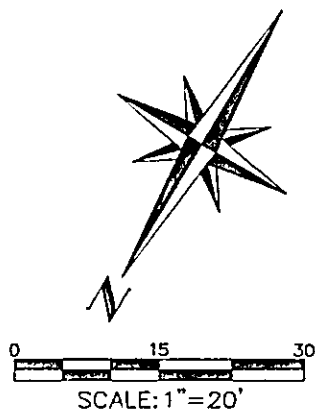




"I, the undersigned hereby certify that this topography indicated by 6", 1', or 2' contours, and elevations shown hereon represent an actual field survey made by me on the 14th day of Mar., 2005 and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon."

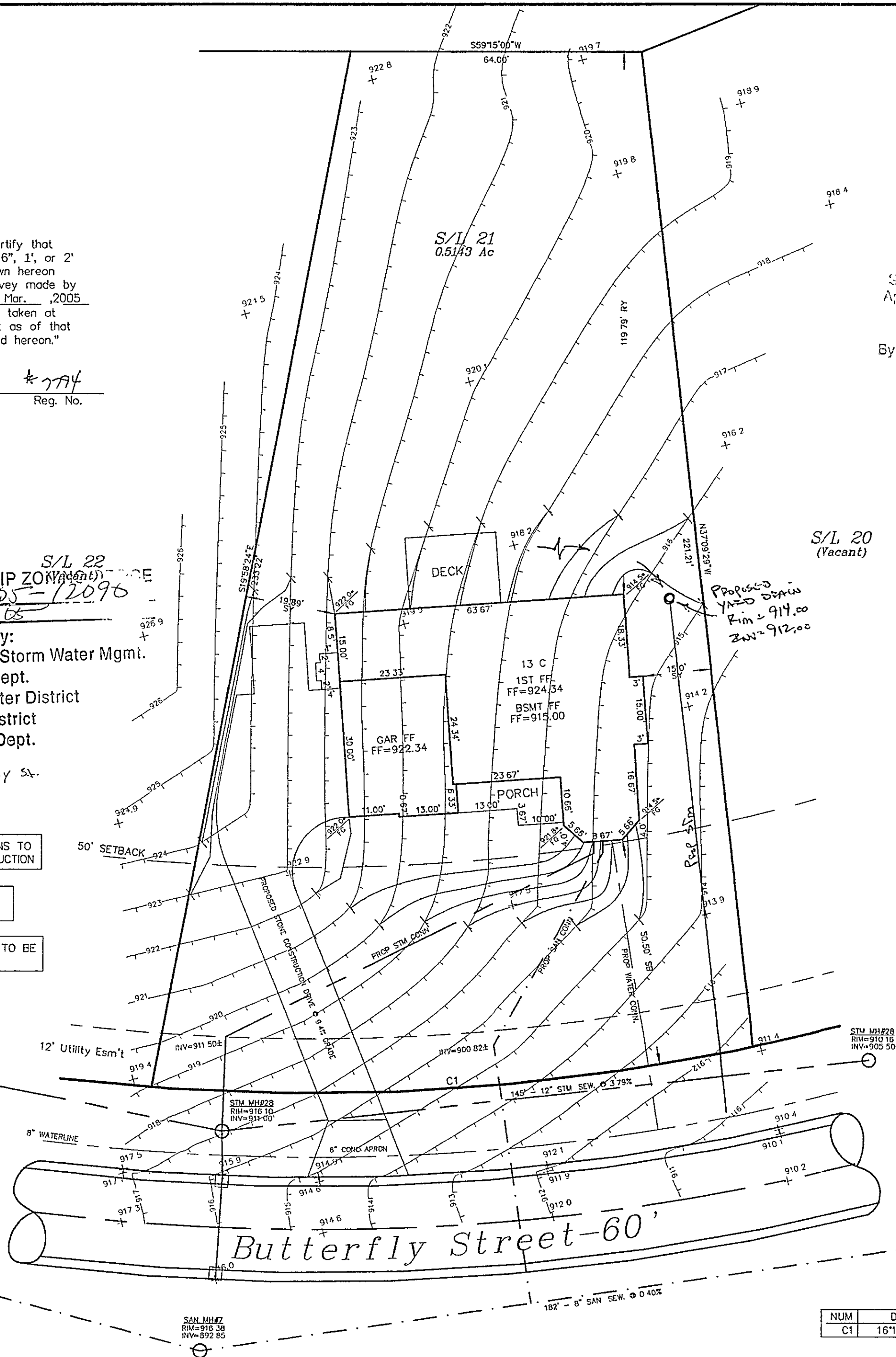
Name James R. Gills #7794
Reg. No.

CONCORD TOWNSHIP ZONING PERMIT
Zoning Permit # 0395-12096
Date Issued 3/31/05
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.
7785 Butterly Fly St.

NOTE: ALL UTILITY CONNECTIONS TO BE VERIFIED BEFORE CONSTRUCTION

BM: SAN MH S/L 29
ELEV.= 916.38

NOTE: ALL DISTURBED AREAS TO BE TEMPORARY SEEDING.



Proposed Site Plan for Barr Brothers Construction S/L 21 Nature Preserve North Phase 1 Subdivision Vol. 48, Pg. 26-5

Being Part of Lot 2
Concord Township
County of Lake, State of Ohio
March 14th, 2005

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer

THIS SITE PLAN WAS DRAWN ON MARCH 29TH, 2005
Revised April 5, 2005

By A.S. Date 4/7/05 Erosion and Sediment
Control Site Plan

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 the 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 thirty-foot width and must be accompanied by a proper 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 off 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.

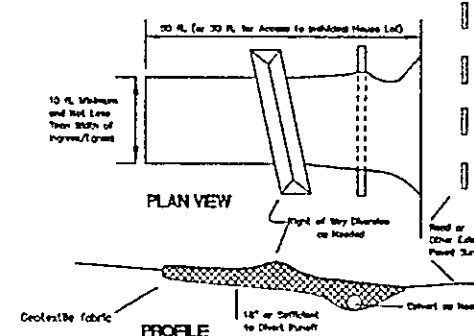
The specified erosion and sediment control standards are general guidelines and shall not limit the right of the county to impose, at any time, additional, more stringent requirements. Nor shall the standards limit the right of the county to.

Lake County Soil + Water Conservation District

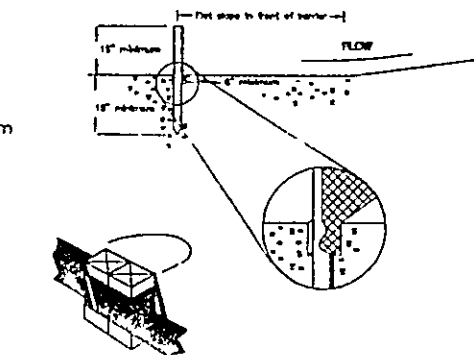
125 East Erie Street Phone: (440) 350-2730
Painesville, Ohio 44077 Fax: (440) 350-2601

www.lakecountyohio.org/soil

Construction Entrance Detail



Silt Fence Detail



Temporary Seeding Specifications

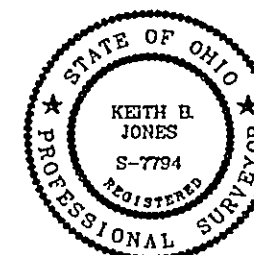
Seeding Dates	Species	Lb./1,000ft. ²	Per Ac.
March 1 to August 15	Orchardgrass	3	4 normal
	1st Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	1st Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
August 15 to November 1	Orchardgrass	3	2 normal
	1st Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	1st Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
November 1 to Spring Seeding	Use much only, seedling practices or dormant seeding.		

Note: Other approved seed species may be substituted.

Curve Data

NUM	DELTA	ARC	RADIUS	BEARING	DISTANCE
C1	16°13'14"	133.06'	470.00'	S55°14'26"W	132.62'

KEITH B. JONES
REGISTERED LAND SURVEYOR #7794
AAA Land Surveying, Inc.
100 Center Street, Suite 150
Chardon, OH 44024
(440) 286-2393



Drawing No. 05-014