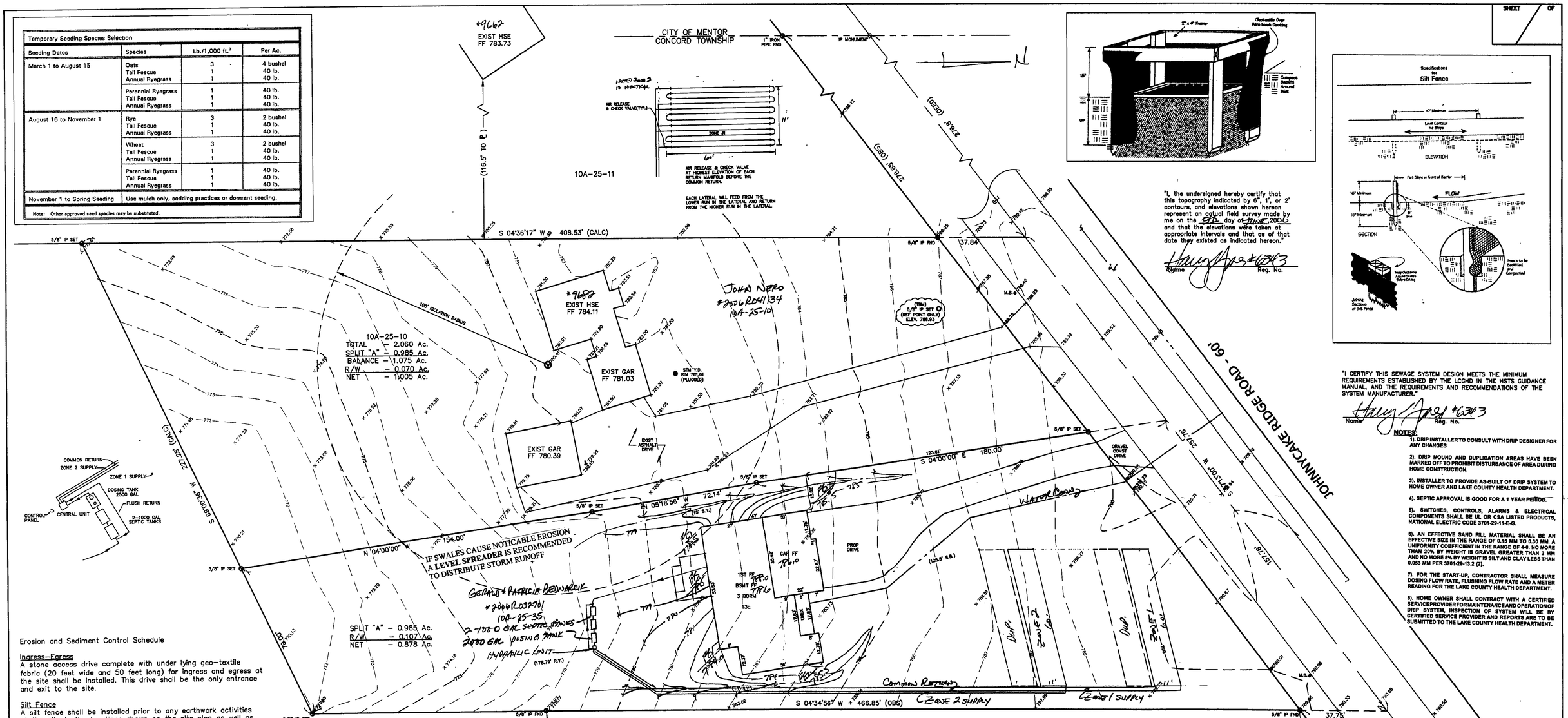
Temporary Seeding Species Selection			
Seeding Dates	Species	Lb./1,000 ft.²	Per Ac.
March 1 to August 15	Oats Tall Fescue Annual Ryegrass	3 1 1	4 bushel 40 lb. 40 lb.
	Perennial Ryegrass Tall Fescue Annual Ryegrass	1 1 1	40 lb. 40 lb. 40 lb.
August 16 to November 1	Rye Tall Fescue Annual Ryegrass	3 1 1	2 bushel 40 lb. 40 lb.
	Wheat Tall Fescue Annual Ryegrass	3 1 1	2 bushel 40 lb. 40 lb.
	Perennial Ryegrass Tall Fescue Annual Ryegrass	1 1 1	40 lb. 40 lb. 40 lb.
November 1 to Spring Seeding	Use mulch only, sodding practices or dormant seeding.		

Note: Other approved seed species may be substituted.



"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 6TH day of JUNE, 2006 and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon."

Name Reg. No.

"I CERTIFY THIS SEWAGE SYSTEM DESIGN MEETS THE MINIMUM REQUIREMENTS ESTABLISHED BY THE LCGHD IN THE HSTS GUIDANCE MANUAL, AND THE REQUIREMENTS AND RECOMMENDATIONS OF THE SYSTEM MANUFACTURER."

Name Reg. No.

NOTES:

1). DRIP INSTALLER TO CONSULT WITH DRIP DESIGNER FOR ANY CHANGES

2). DRIP MOUND AND DUPLICATION AREAS HAVE BEEN MARKED OFF TO PROHIBIT DISTURBANCE OF AREA DURING HOME CONSTRUCTION.

3). INSTALLER TO PROVIDE AS-BUILT OF DRIP SYSTEM TO HOME OWNER AND LAKE COUNTY HEALTH DEPARTMENT.

4). SEPTIC APPROVAL IS GOOD FOR A 1 YEAR PERIOD.

5). SWITCHES, CONTROLS, ALARMS & ELECTRICAL COMPONENTS SHALL BE UL OR CSA LISTED PRODUCTS, NATIONAL ELECTRIC CODE 3701-29-11-E-G.

6). AN EFFECTIVE SAND FILL MATERIAL SHALL BE AN EFFECTIVE SIZE IN THE RANGE OF 0.15 MM TO 0.30 MM. A UNIFORMITY COEFFICIENT IN THE RANGE OF 4-6. NO MORE THAN 20% BY WEIGHT IS GRAVEL GREATER THAN 2 MM AND NO MORE 5% BY WEIGHT IS SILT AND CLAY LESS THAN 0.053 MM PER 3701-29-13.2 (2).

7). FOR THE START-UP, CONTRACTOR SHALL MEASURE DOSING FLOW RATE, FLUSHING FLOW RATE AND A METER READING FOR THE LAKE COUNTY HEALTH DEPARTMENT.

8). HOME OWNER SHALL CONTRACT WITH A CERTIFIED SERVICEPROVIDER FOR MAINTENANCE AND OPERATION OF DRIP SYSTEM, INSPECTION OF SYSTEM WILL BE BY CERTIFIED SERVICE PROVIDER AND REPORTS ARE TO BE SUBMITTED TO THE LAKE COUNTY HEALTH DEPARTMENT.

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
A 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 intitial grading.
Temporary seeding and mulching ao 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 to 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: SEPTIC FIELDS FOR PROPERTY AND ADJOINING PROPERTIES WERE NOT FOUND

NOTE: ALL IRON PINS SET ARE 5/8" X 30" AND ARE CAPPED BABCOCK, JONES & ASSOC.

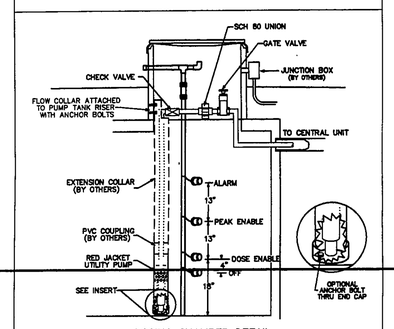
CONCORD TOWNSHIP ZONING OFFICE
Zoning Permit # 0507-3121
Date Issued 3/22/07
Subject to Approval By:
☑ Lake Co. Engineer/Storm Water Mgmt.
☐ Lake Co. Utilities Dept.
☐ Lake Co. Soil + Water District
☐ Lake Co. Health District
☐ Lake Co. Building Dept.

AERMOTOR MODEL: TEP20-50-115

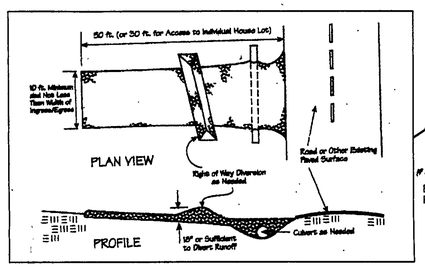
1.25" DISCHARGE
0.5 HORSEPOWER
115 VOLT
12.0 AMPS

1/16" MAX. SOLIDS HANDLING
1 PHASE
60 HZ

MULTI-STAGE CENTRIFUGAL



DOSING CHAMBER DETAIL
FOR 15 GPM AMERICAN LAMINAR FLOW COLLAR (LFC15)
NTS



LLR = 3.0
360 GPD / 3.0 = 120 LF DRIP @ GRADE
12 LINES @ 120 LF = 1440 LF TOTAL.

EXISTING UTILITIES NOTE:
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL, HOWEVER, BABCOCK, JONES AND ASSOCIATES INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

REV NO.	DESCRIPTION	DATE	BY	CHK'D
1	CHANGED SEPTIC TO DRIP SYS	7/12/06	B.P.	H.J.
2	RELOCATED HSE	3/26/07	B.P.	H.J.

BABCOCK, JONES AND ASSOCIATES, INC
CIVIL ENGINEERS – SURVEYORS – LAND PLANNERS
PAINESVILLE OHIO 44077

DATE	6/14/06
DESIGN BY	H.J.
DRAWN BY	B.P.
APPROVED BY	H.J.
CREW CHIEF	W.B.

SITE PLAN
FOR
BRANDEN KEEPER

9862 JOHNNYCAKE RIDGE ROAD (P.P.#10A-25-10)
CONCORD TOWNSHIP LAKE COUNTY STATE OF OHIO

SCALE	1"=20'
JOB NO	06-095
SHEET	1 OF 2

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By J.G. Date 7/5/07