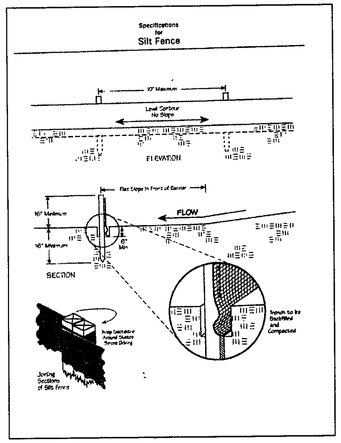
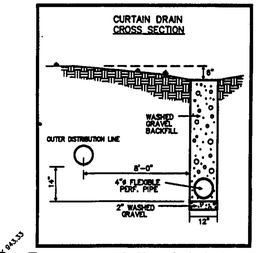
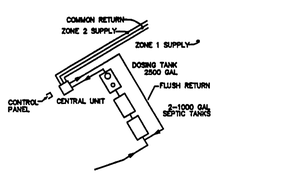
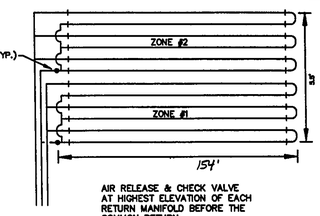
SHEET / OF







NOT TO SCALE



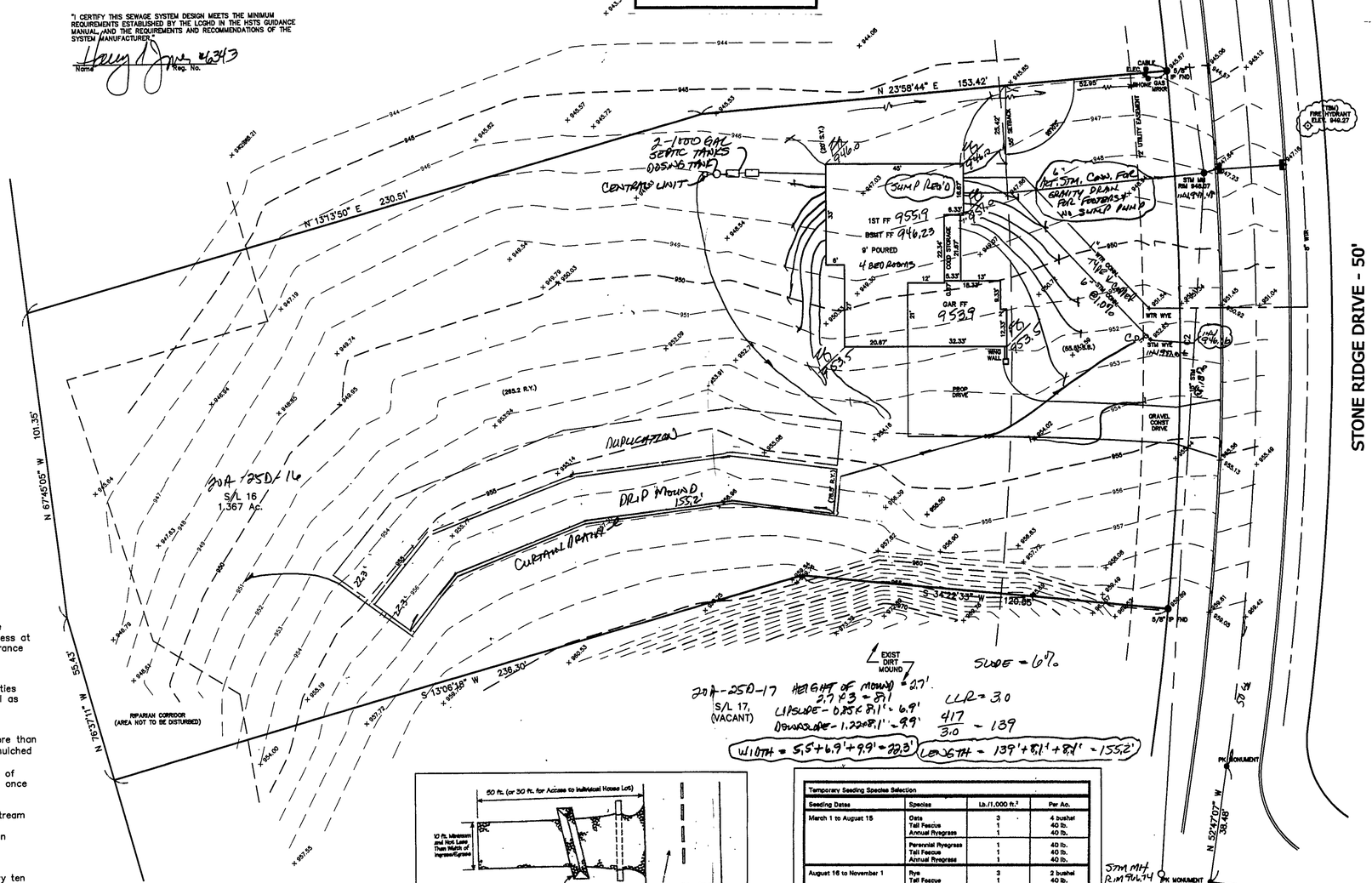
AIR RELEASE & CHECK VALVE AT HIGHEST ELEVATION OF EACH RETURN MANIFOLD BEFORE THE COMMON RETURN.

EACH LATERAL WILL FEED FROM THE LOWER RUN IN THE LATERAL AND RETURN FROM THE HIGHER RUN IN THE LATERAL.

"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. 16343

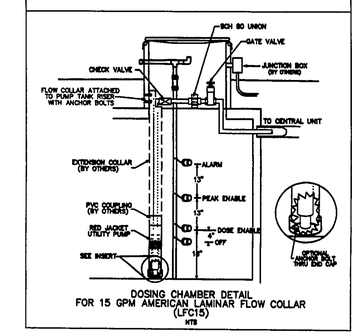
S/L 15 (VACANT) 20A-25D-15



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

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	558.60	1000.00	286.80	551.37	N66°47'16"W	32°00'20"
C2	176.92	975.00	88.71	176.68	N60°49'28"W	10°23'49"

TBM – T.S.F.H.
ELEV – 949.27

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By L.S. Date 2/23/06

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.

STATE OF OHIO HARRY B. JONES JR. E-6343 PROFESSIONAL SURVEYOR

SURVEYOR CERTIFICATION

THIS PLAT REPRESENTS A SURVEY WHICH MEETS STANDARDS FOR A BOUNDARY SURVEY IN THE STATE OF OHIO AS SPECIFIED IN THE ADMINISTRATIVE CODE CHAPTER 4733-37

SURVEYED ON Oct. 17, 2005 BY Ryan Babcock UNDER THE SUPERVISION OF Harry Jones, P.S. # 6343, ALL IRON PINS SHOWN HEREON WERE EITHER FOUND OR SET AS NOTED.

Harry Jones P.S.# 6343 DATE: 12/22/05

THE TOPOGRAPHY, INDICATED BY 1' CONTOURS, AND ELEVATIONS SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE BY Ryan Babcock ON 12/1/05. THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND AS OF THE ABOVE DATE/THEY EXISTED AS INDICATED HEREON.

Harry Jones P.S.# 6343 DATE: 12/22/05

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.

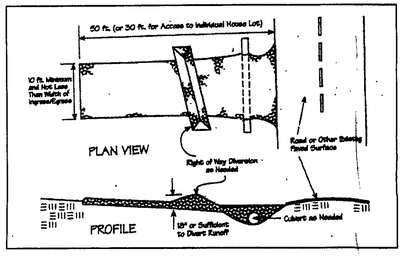
Silt Fence
A silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

Temporary Seeding
Disturbed areas of the site that are to remain idle for more than twenty–one(21) days shall be properly seeded and straw mulched within seven(7) days of completion of initial grading.
Temporary seeding and mulching co 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.



DRIP DISTRIBUTION PLAN SUBMITTAL REVIEW

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.			

REV NO.	DESCRIPTION	DATE	BY	CHK'D
1	REVISED PER STREAM KEY	2-7-06	HT	HT
2	REVISED PER STREAM KEY & L.C. HEALTH DIST.	2-13-06	HT	HT

	Date	Name
Drip distribution area has been field verified and protected with marking tape	2/13/6	Daniel Lal
Plans submitted to LCGHD and meet design criteria	2/13/6	Daniel Lal
Hydraulic calculations verified and accurate	2/13/6	DOL

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

DATE	12/22/05
DESIGN BY	H.J.
DRAWN BY	B.P.
APPROVED BY	H.J.
CREW CHIEF	R.B.

SITE PLAN
FOR
B.R. KNEZ CONSTUCTION

S/L 16 STONE RIDGE DRIVE (P.P.# 20A–25D–16)
CITY OF KIRTLAND LAKE COUNTY STATE OF OHIO

SCALE	1"=20'
JOB NO	03–057–16
SHEET	1
OF	2