

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 as 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.

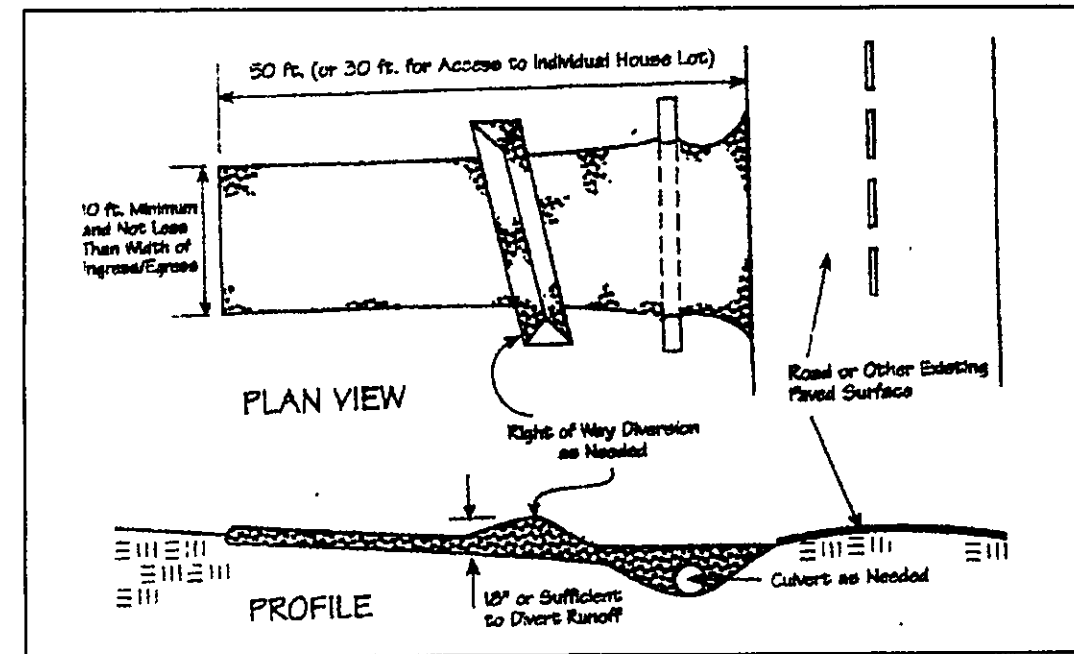
Maintenance

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.

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

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 SERVICE PROVIDER 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.



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.

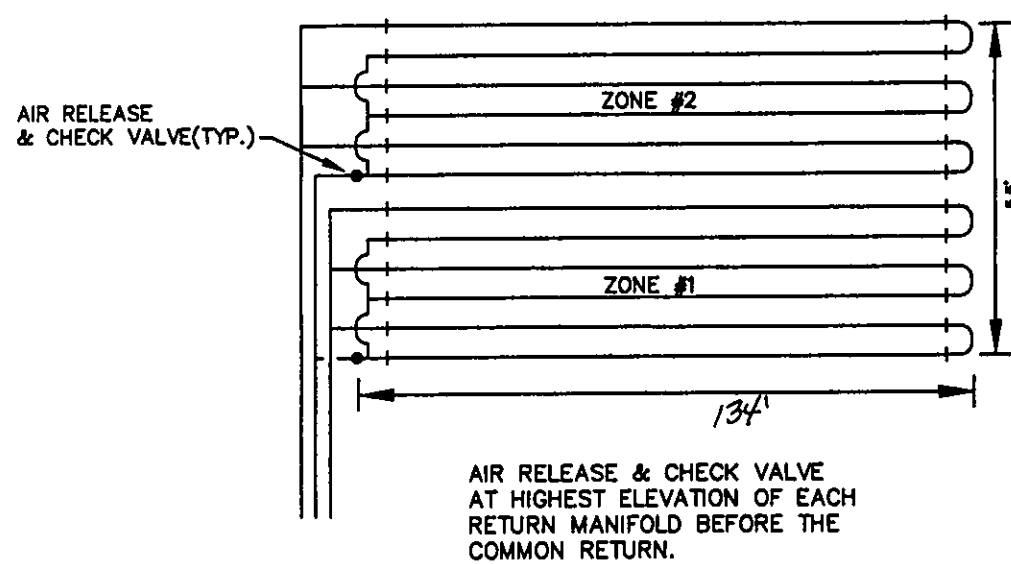
SURVEYED ON 3/17/07 BY WILLIAM J. BROWN, JR. UNDER THE SUPERVISION OF JAMES J. BROWN, JR., P.S. # 62342, ALL IRON PINS SHOWN HEREON WERE EITHER FOUND OR SET AS NOTED.

DATE: 3/17/07 P.S. # 62342

THE TOPOGRAPHY, INDICATED BY 1' CONTOURS, AND ELEVATIONS SHOWN HEREON REPRESENT AN ACTUAL FIELD SURVEY MADE BY JAMES J. BROWN, JR. ON 3/17/07. THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND AS OF THE ABOVE DATE THEY EXISTED AS INDICATED HEREON.

DATE: 3/17/07 P.S. # 62342

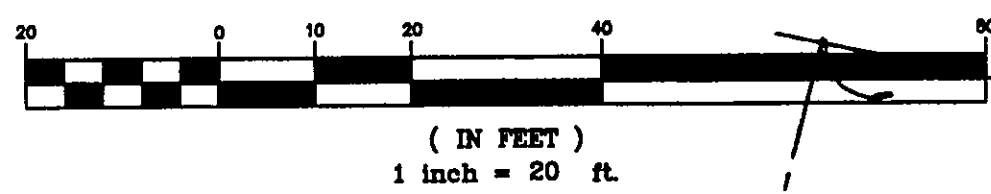
NOT TO SCALE



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.

GRAPHIC SCALE



SUGARHOUSE HILL DRIVE

DRIP DISTRIBUTION PLAN SUBMITTAL

STONE RIDGE DRIVE - 50'

Seeding Dates	Species	Lb./1,000 ft. ²	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.
	Annual Ryegrass	1	40 lb.
August 16 to November 1	Rye	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
November 1 to Spring Seeding	Use mulch only, sodding practices or dormant seeding.		

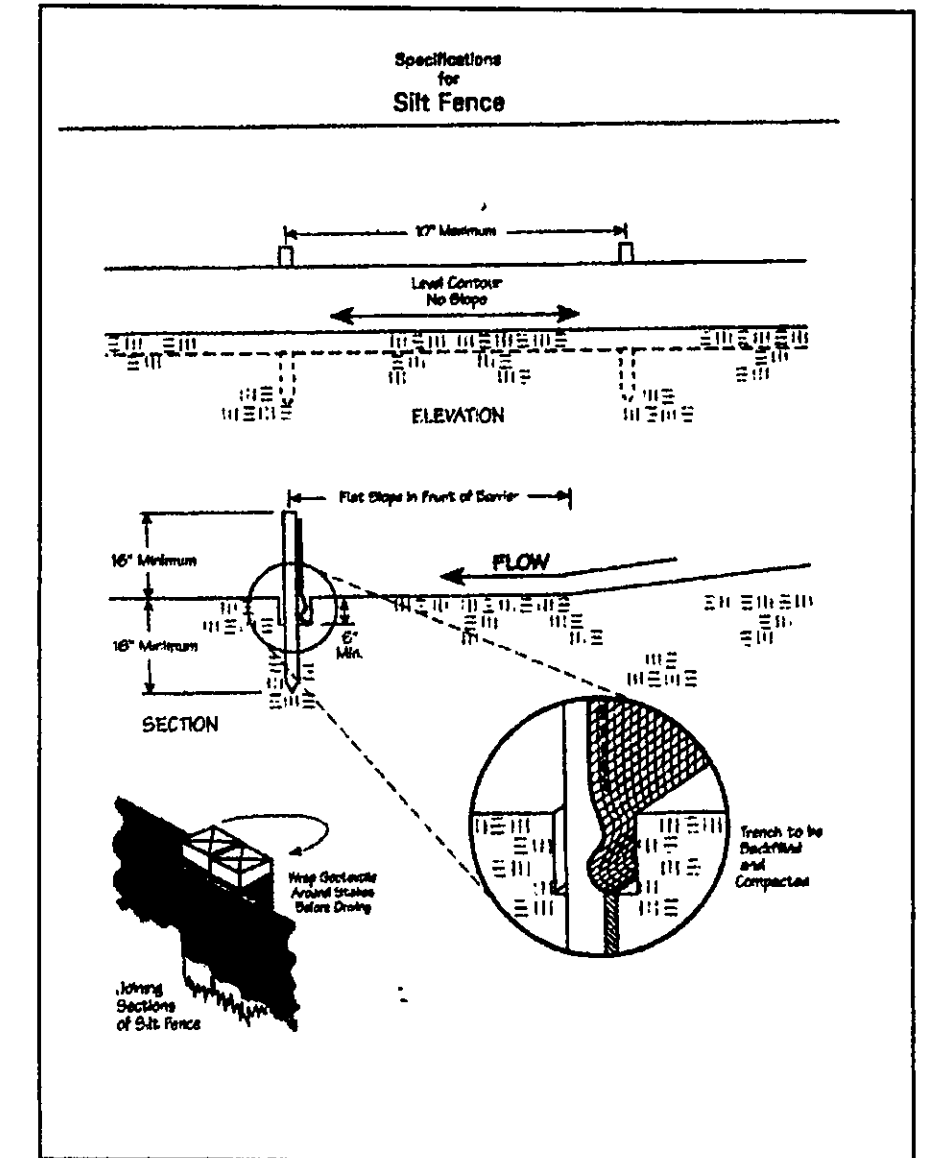
Note: Other approved seed species may be substituted.

Stormwater Management Plan

As shown on plan or noted

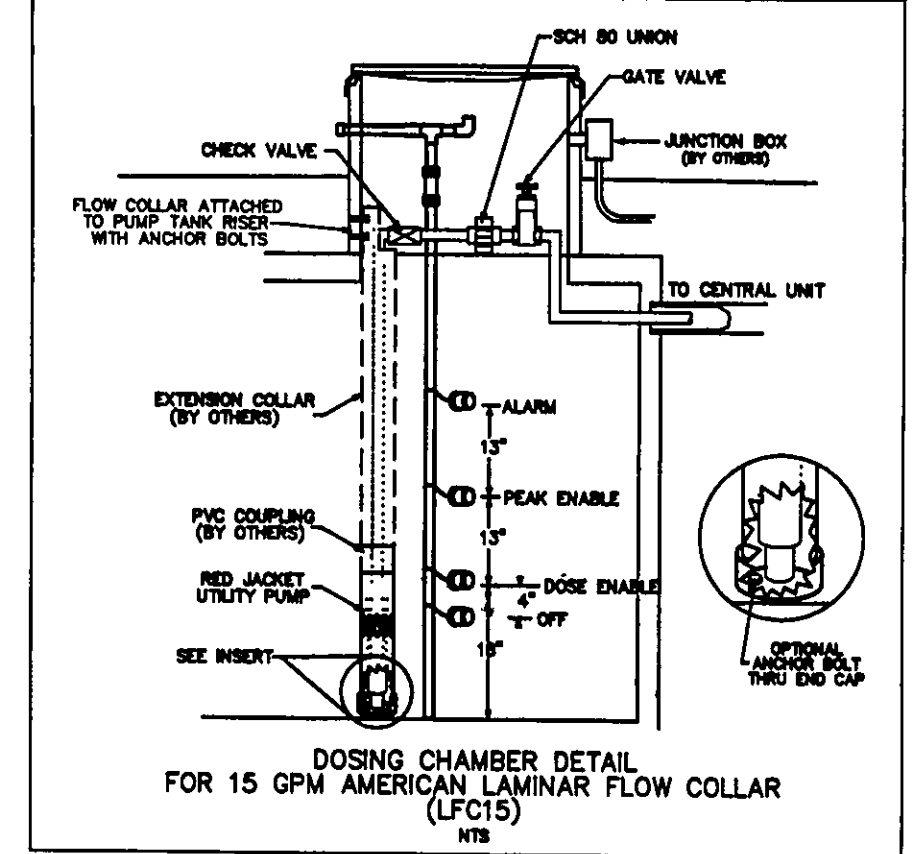
By 6/17 Date 6/17/07

CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	28.60	30.00	15.49	27.53	S87°53'2"W	54°37'25"
C2	41.50	65.00	21.49	40.80	N58°32'47"E	36°35'08"



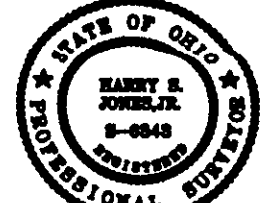
AERMOTOR MODEL: TEP20-50-115

1.25" DISCHARGE 1/16" MAX. SOLIDS HANDLING
0.5 HORSEPOWER 1 PHASE
115 VOLT 60 HZ
12.0 AMPS MULTI-STAGE CENTRIFUGAL



TBM - T.S.F.H.
ELEV - 916.96

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. WHERE PRACTICAL, HOWEVER, BABCOCK, JONES AND ASSOCIATES, INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.



REV. NO.	DESCRIPTION	DATE	BY	CHK'D
1	REVISED PER STREAM KEY	3/19/07	HT	HT
2	REVISED PER L.C. HEALTH DEPT.	3/23/07	HT	HT

Drip distribution area has been field verified and protected with marking tape 3/24/07 DOL
Plans submitted to LCAHS and meet design criteria 3/24/07 DOL
Hydraulic calculations verified and accurate 3/24/07 DOL
will certain dca needed

babcock, jones and associates, inc
CIVIL ENGINEERS - SURVEYORS - LAND PLANNERS
PAINESVILLE OHIO 44077

DATE	1/19/07
DESIGN BY	H.J.
DRAWN BY	B.P.
APPROVED BY	H.J.
CREW CHIEF	W.B.

SITE PLAN
FOR
SHAMROCK CONSTRUCTION
S/L 13 STONE RIDGE DRIVE (STONE CREEK SUB)
CITY OF KIRTLAND LAKE COUNTY STATE OF OHIO

SCALE	1"=20'
JOB NO	03-057-13
SHEET	1 OF 2