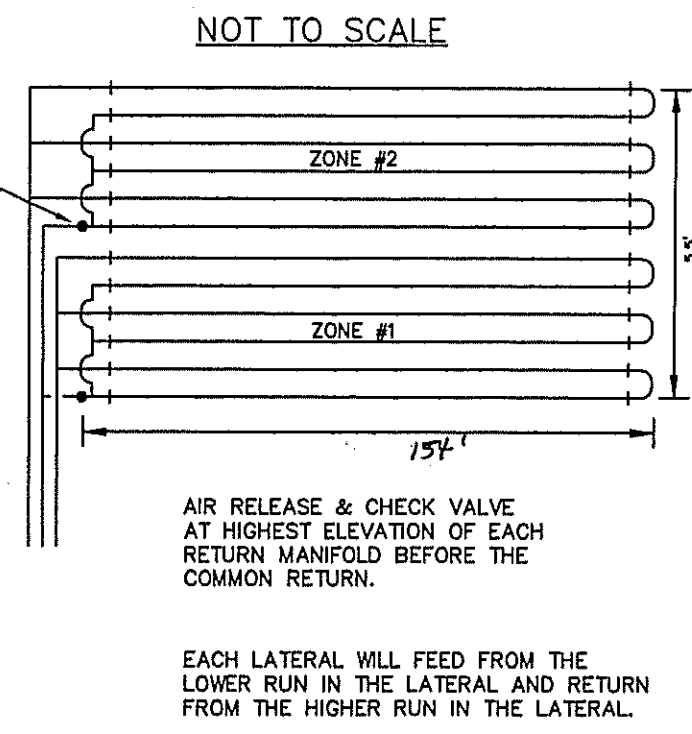
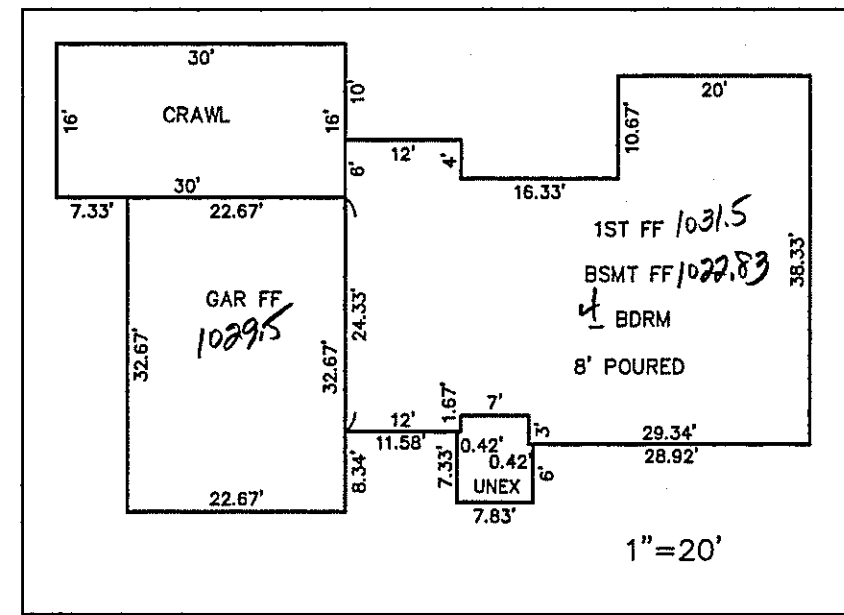


I CERTIFY THIS SEWAGE SYSTEM DESIGN MEETS THE MINIMUM REQUIREMENTS ESTABLISHED BY THE LGHD IN THE HSTS GUIDANCE MANUAL, AND THE REQUIREMENTS AND RECOMMENDATIONS OF THE SYSTEM MANUFACTURER.

Name: Harry Jones #6313
Reg. No.



CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	94.97	230.00	48.17	94.30	S37°20'11"W	23°39'32"
C2	259.93	200.00	151.99	242.02	S46°50'00"W	74°27'54"

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.

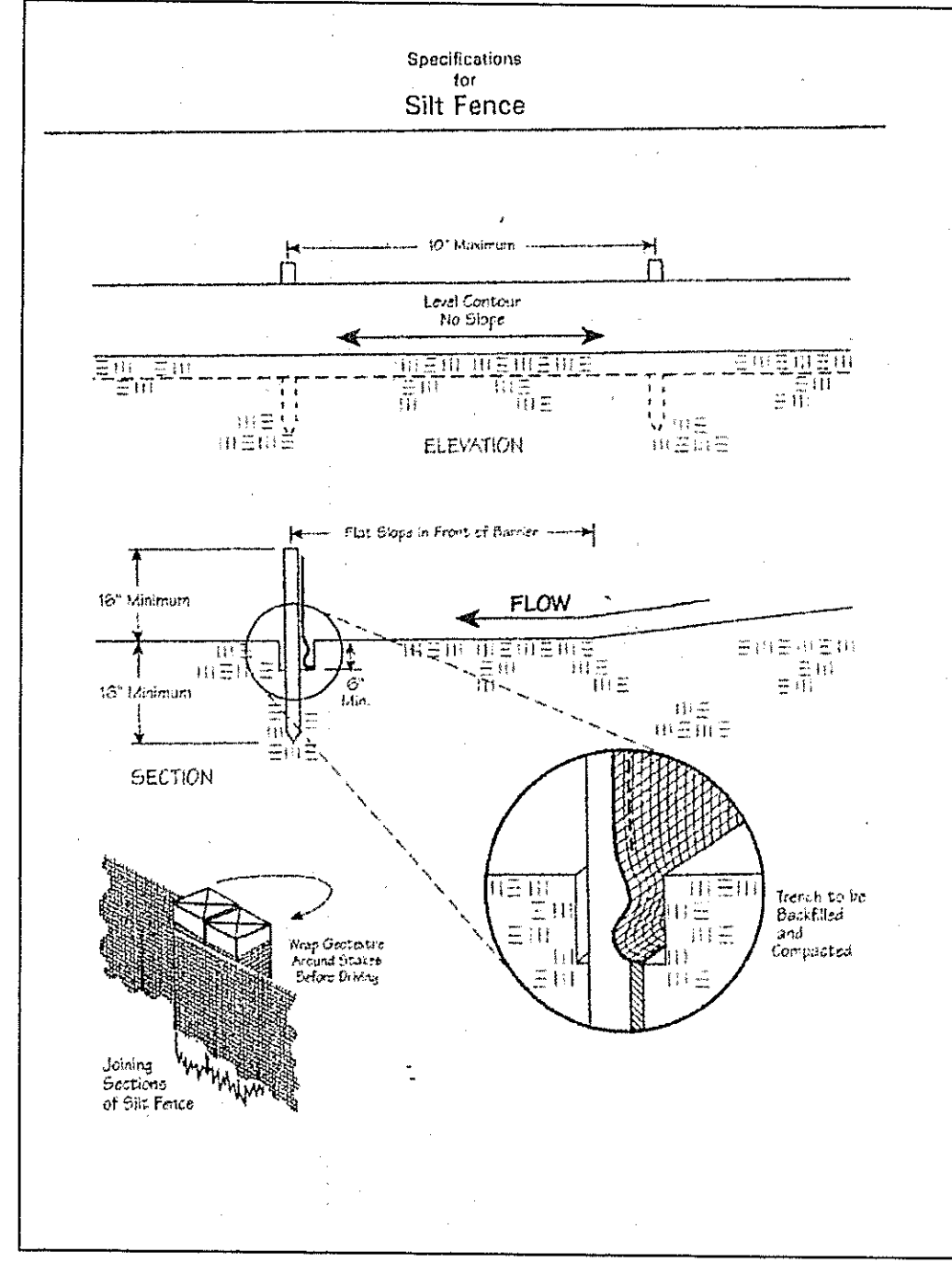
Silt Fence
A silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

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 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.

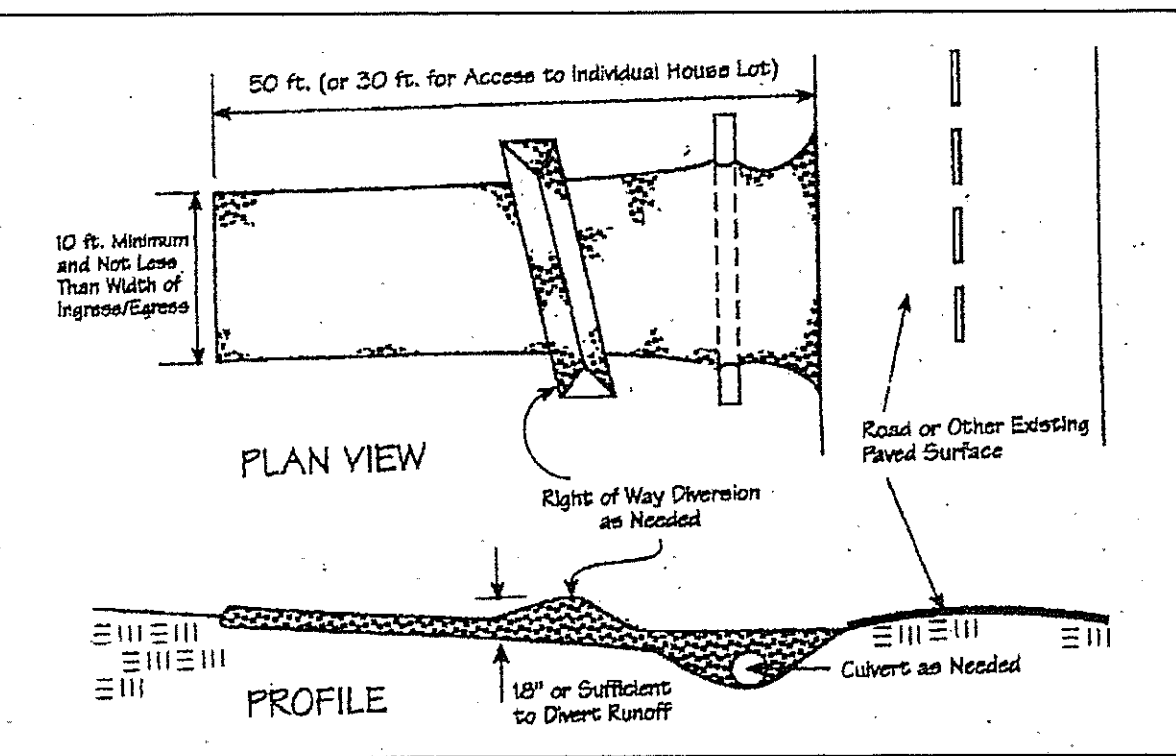
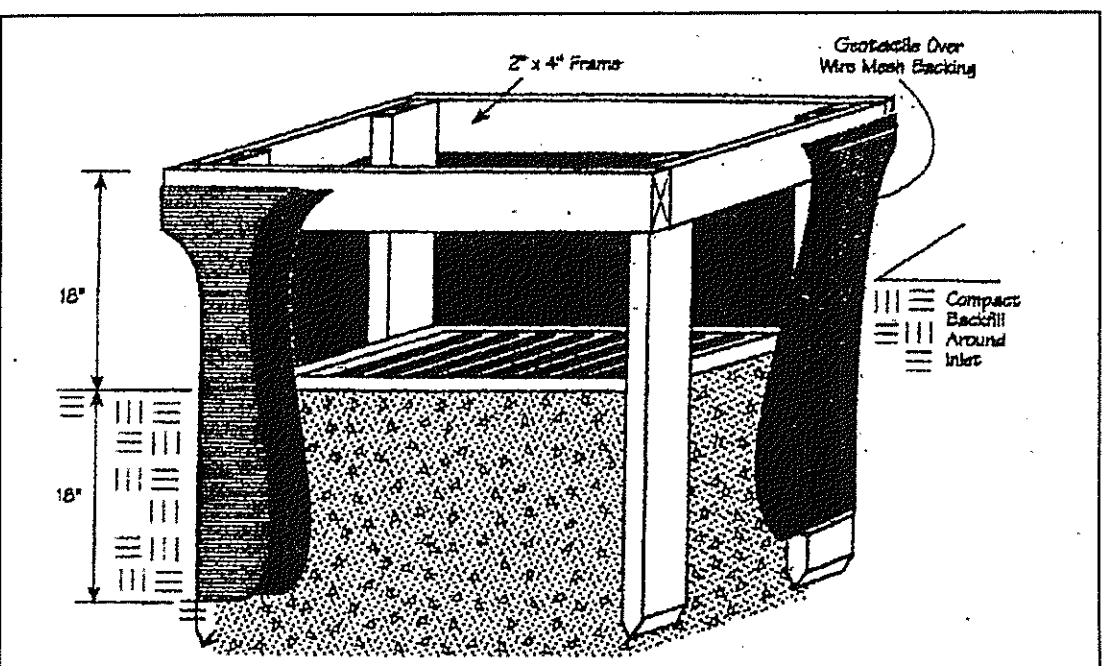
Maintenance
Erosion and sediment controls shall be inspected every seven(7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.



"I, 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 25th day of May, 2005, and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon."

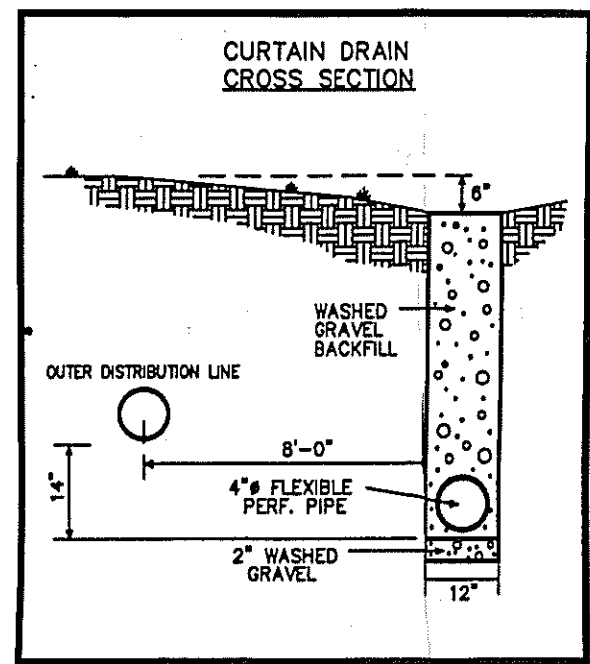
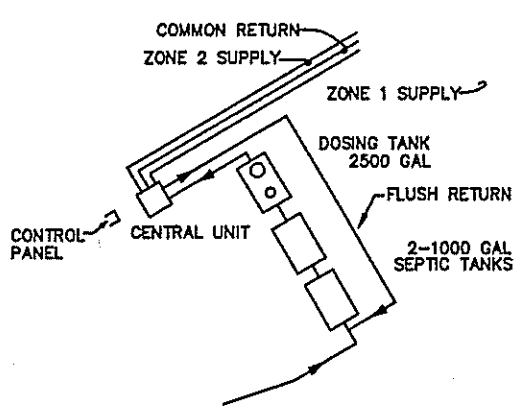
Name: Harry Jones #6313
Reg. No.

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



Temporary Seeding Species Selection			
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.
August 16 to November 1	Rye	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Wheat	3	2 bushel
	Tall Fescue	1	40 lb.
November 1 to Spring Seeding	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Annual Ryegrass	1	40 lb.

Note: Other approved seed species may be substituted.



$LLR = 2.7$

$\frac{417}{2.7} = 154$

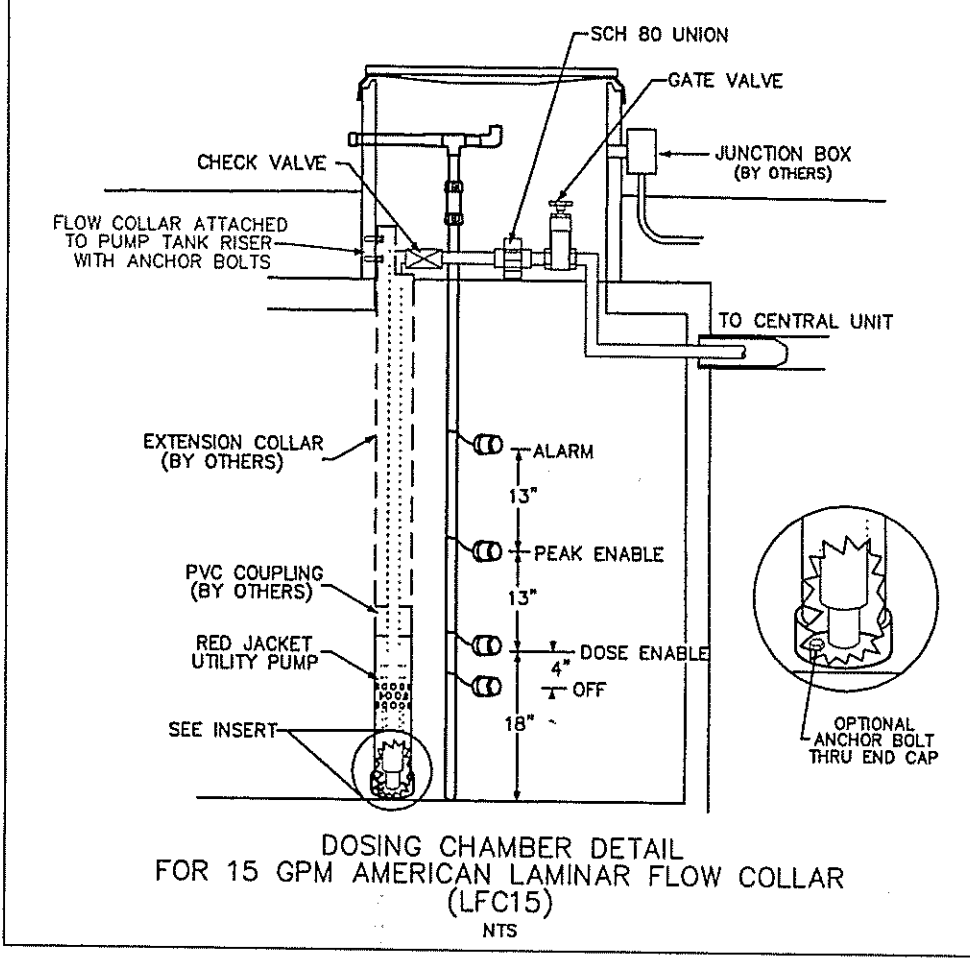
$LENGTH = (3 \times 3) + (3 \times 3) + 154 = 172$

$WIDTH = (3 \times 3) + (3 \times 3) + 55 = 73.5$

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

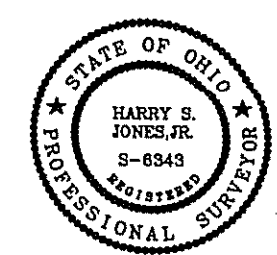


Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By: L.S. Date: 3/22/06

ORIGINALY APPROVED 3/8/06

TBM - IP MONUMENT
ELEV - 1022.64

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	ADDED HOUSE	3/3/06	B.P.	H.J.
2	ADDED DRIP SYS DETAILS	3/17/06	B.P.	H.J.

Drip distribution area has been field verified and protected with marking tape
Plans submitted to LGHD and meet design criteria
Hydraulic calculations verified and accurate

3/27/06 DOL
3/27/06 DOL
3/27/06 DOL

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

DATE	1/27/05
DESIGN BY	H.J.
DRAWN BY	B.P.
APPROVED BY	H.J.
CREW CHIEF	E.H.

SITE PLAN
FOR
JAY BROWN

S/L 46 BUCKINGHAM PLACE (MOUNT ROYAL SUB)
CONCORD TOWNSHIP LAKE COUNTY STATE OF OHIO

SCALE	1"=30'
JOB NO	93-163-46
SHEET	1
OF	2