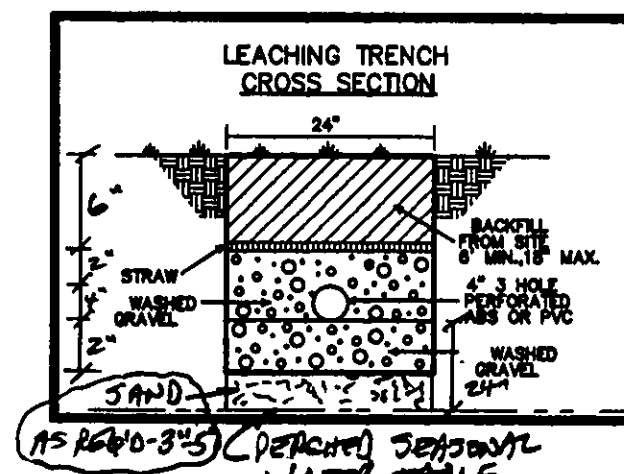


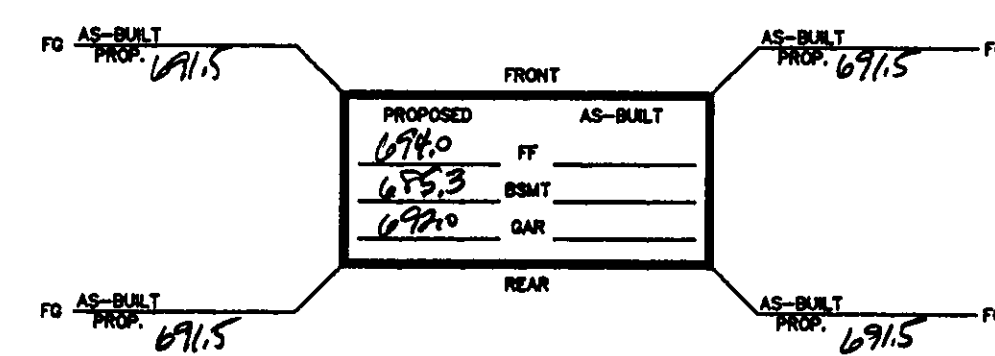
I, the undersigned hereby certify that this topography indicated by 6", 1", or 2" contours, and elevations shown hereon represent an actual field survey made by me on the 11th day of FEB, 2007 and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon.

*Harry Jones*  
 Name: \_\_\_\_\_ Reg. No. \_\_\_\_\_



3701-29-13.1

(2) A pipe and gravel leaching trench shall have a minimum of eight inches of gravel extending two inches above and two inches below a four inch perforated pipe. Gravel shall be washed or thoroughly rinsed to avoid the accumulation of fines in the trench and shall meet an AASHTO M 43 sizing for coarse aggregate with at least seventy per cent by weight in the range of three-fourth to one and one-half inch. Use of other leaching trench material such as alternative aggregate or proprietary gravelless and chamber - components shall be specified in accordance with paragraph (G)(6) of rule 3701-29-13 of the Administrative Code.



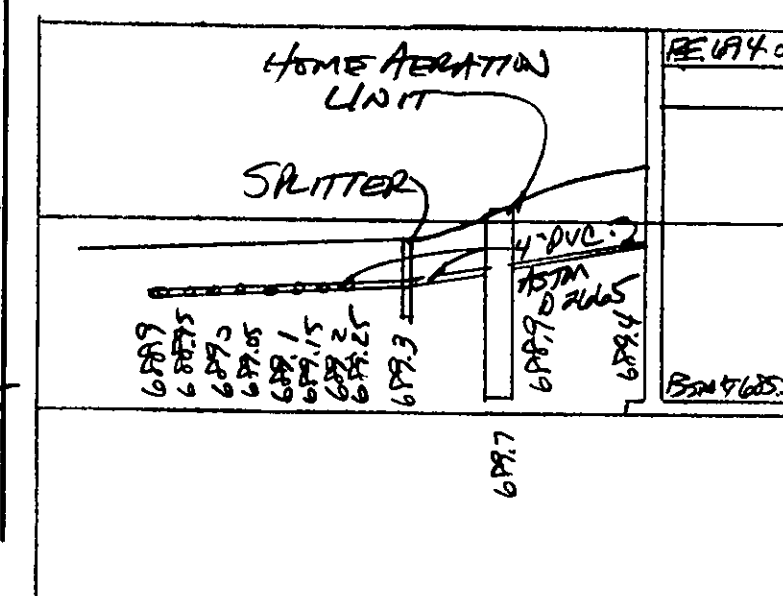
LOT IS APPROVED BY PERRY TOWNSHIP STORM WATER DEPT.

APPROVED SIDE LINES & SET BACK PERRY TOWNSHIP ZONING PERMIT NO. 1735 ZONING INSPECTOR

# NOTES:

- 1). DRIP INSTALLER TO CONSULT WITH DESIGNER FOR ANY CHANGES
- 2). SEPTIC AND DUPLICATION AREAS HAVE BEEN MARKED OFF TO PROHIBIT DISTURBANCE OF AREA DURING HOME CONSTRUCTION.
- 3). INSTALLER TO PROVIDE AS-BUILT OF SEPTIC 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 DRAINING 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 SEPTIC SYSTEM. INSPECTION OF SYSTEM WILL BE BY CERTIFIED SERVICE PROVIDER AND REPORTS ARE TO BE SUBMITTED TO THE LAKE COUNTY HEALTH DEPARTMENT.

MAINE AVENUE - 60'



## HYDRAULIC PROFILE

17722 11'-30" VERT. 11'-5"

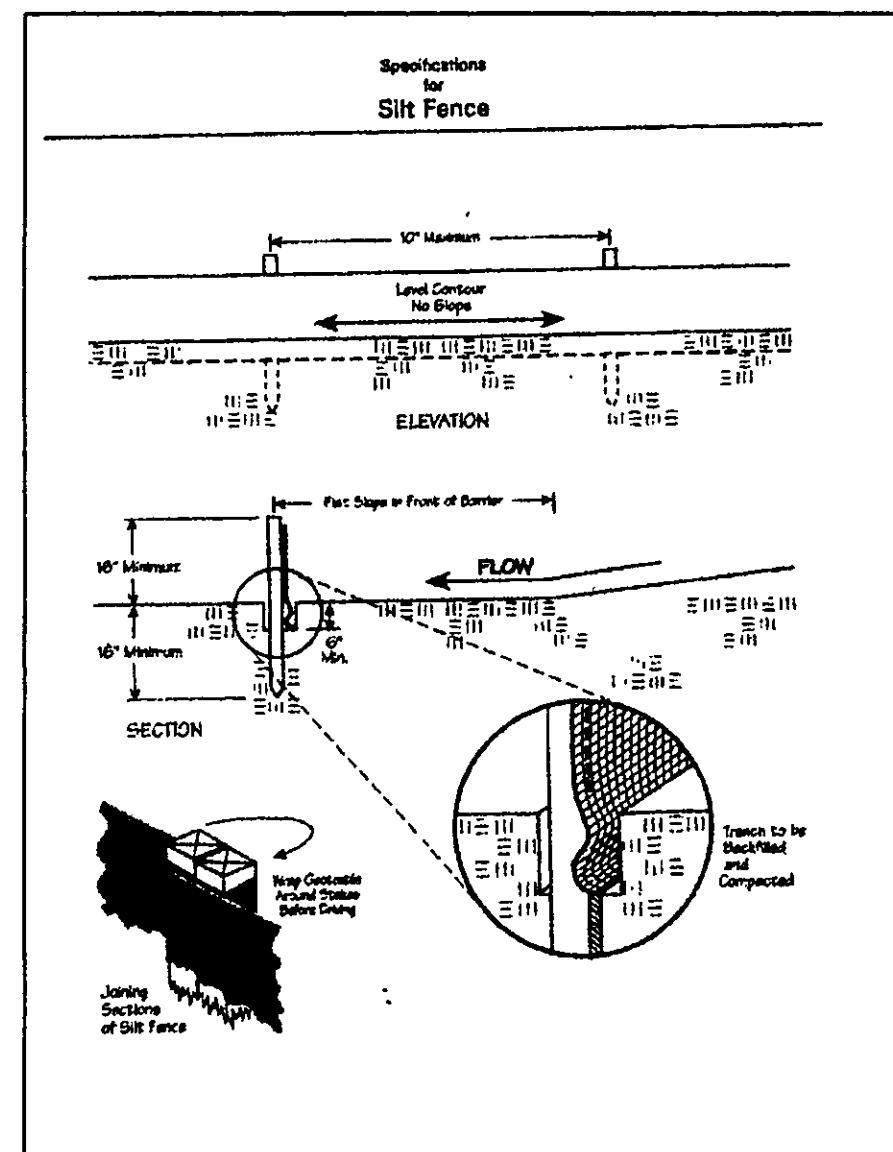
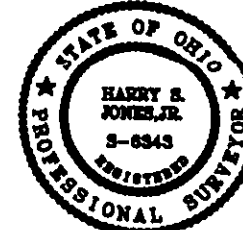
Grading Plan Approved by P. Jones & Associates, Inc. 3/28/07

DATE 3/28/07

TBM - STM M.H. ELEV - 690.19

LIMITING DEPTH - 16' SOILS - SIGR - LLR - 45 360 GPD 45 = 80 LF. 45 LBS 0.654 = 7.5 WIDTH FOR BASIN - NEED 4 LINES - 2 FEET WIDE OR 4 LINES - 40' LONG.

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.



## 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.

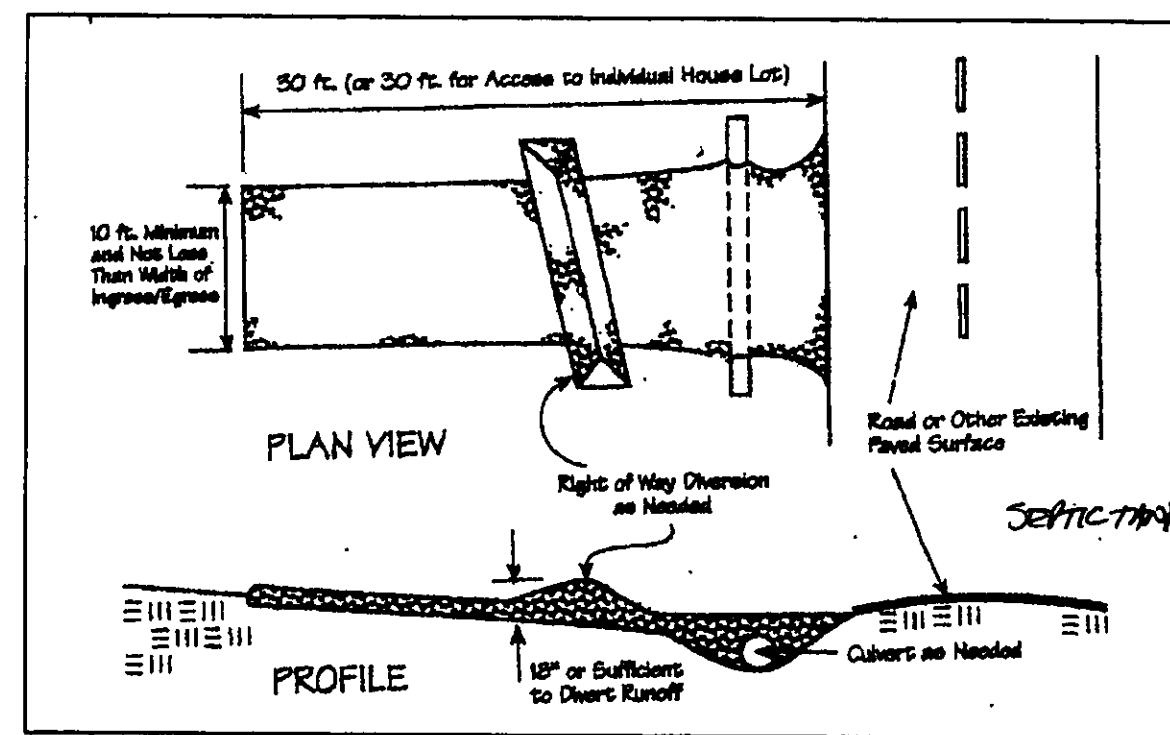
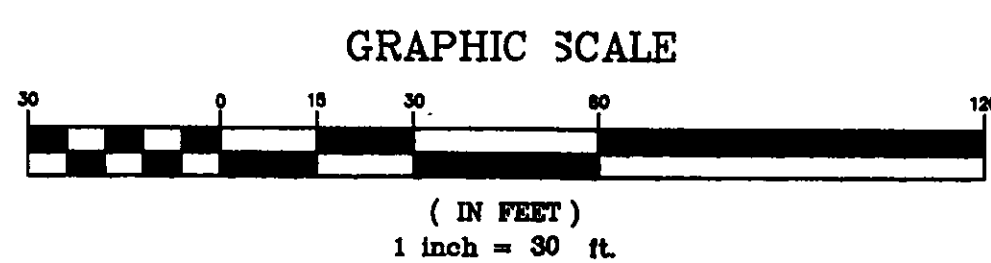
**Temporary Seeding**  
 Disturbed areas of the site that are to remain idle for more than twenty-one(21) days shall be properly seeded and straw mulched within seven(7) days of completion of initial grading. Temporary seeding and mulching as a thirty(30) foot strip of the entire front of the lot shall 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.

Temporary Seeding Species Selection			
Seeding Dates	Species	Lb./1,000 ft. <sup>2</sup>	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.
August 16 to November 1	Rye	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
November 1 to Spring Seeding	Wheat	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
Note: Other approved seed species may be substituted.			



REV. NO.	DESCRIPTION	DATE	BY	CHK'D
1	REVISED PER CLIENT	3/12/07	HJ	HJ
2	ADDED TEST HOLES	3/28/07	HJ	HJ
3	LOWEN DEL. L.C. HEALTH DEPT	4/2/07	HJ	HJ

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

DATE	2/28/07
DESIGN BY	H.J.
DRAWN BY	B.P.
APPROVED BY	H.J.
CREW CHIEF	W.B.

**SITE PLAN**  
 FOR  
 PRO BUILT HOMES  
 MAINE AVENUE (P.P.# 3A-12-41)  
 LAKE COUNTY STATE OF OHIO

SCALE	1"=30'
JOB NO	07-021
SHEET	1 OF 1

NOTE: IF EXIST DRIVE IS TO REMAIN THEN AN INGRESS/EGRESS BASEMENT NEEDS TO BE GRANTED TO THE ADJACENT PROPERTY 3A-12-42