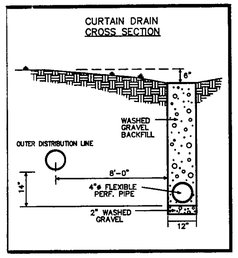
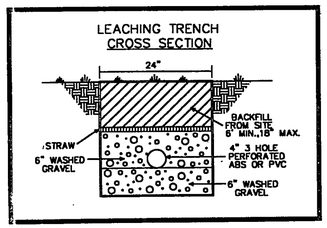
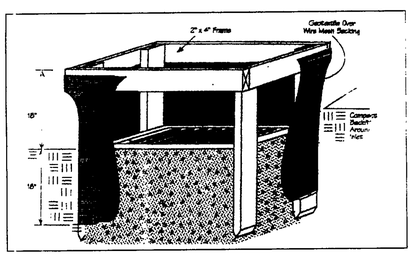
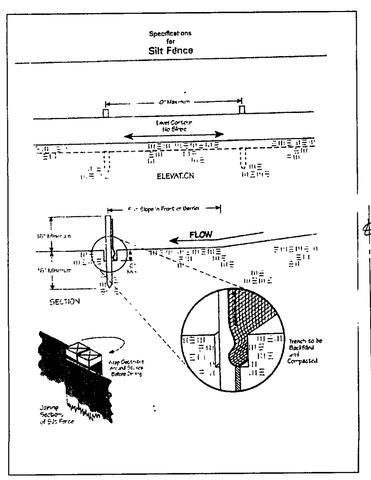
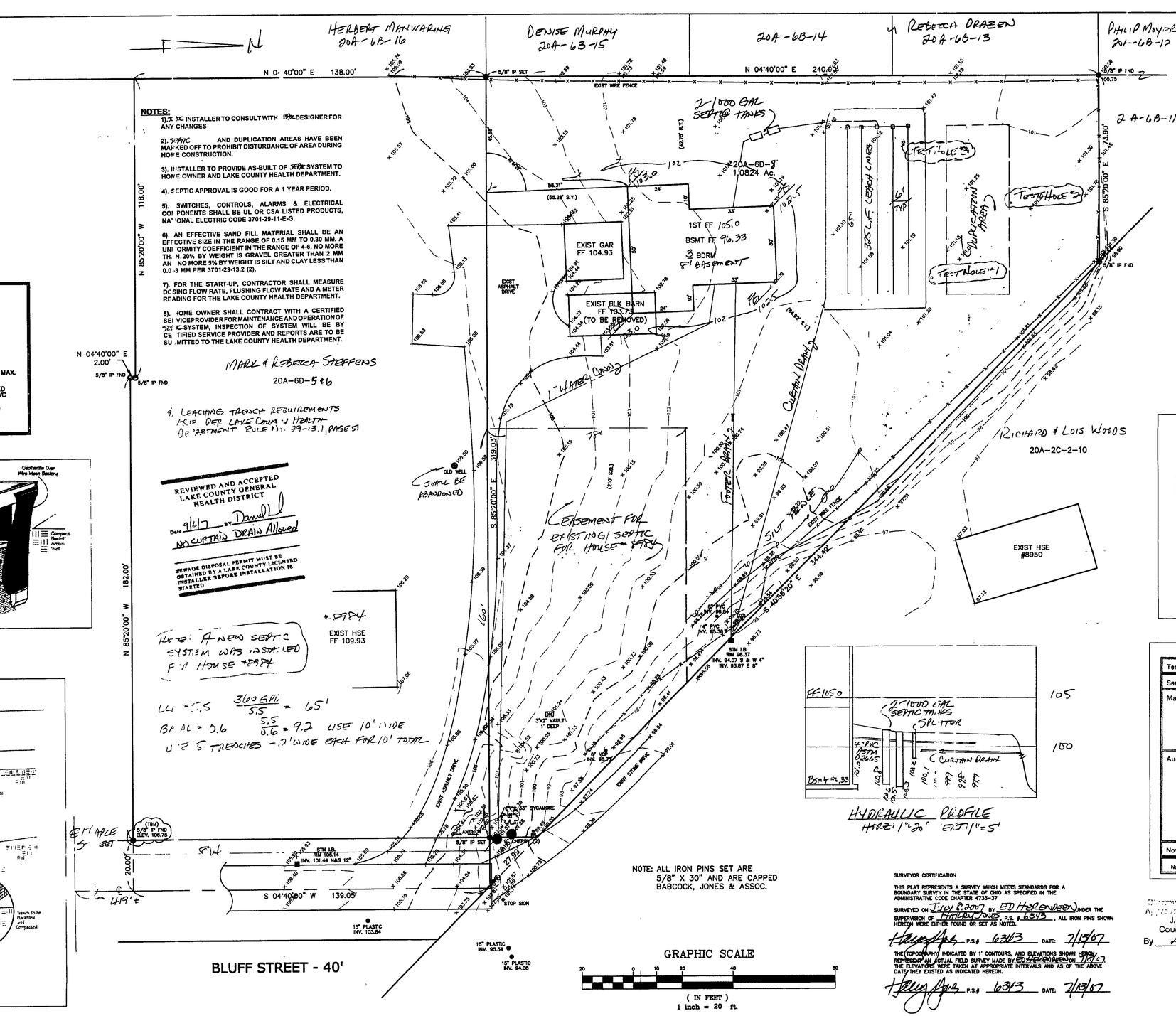










NOTES:

1). THE INSTALLER TO CONSULT WITH THE 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 0.0.3 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 THE SYSTEM, INSPECTION OF SYSTEM WILL BE BY CERTIFIED SERVICE PROVIDER AND REPORTS ARE TO BE SUBMITTED TO THE LAKE COUNTY HEALTH DEPARTMENT.

9). LEACHING TRENCH REQUIREMENTS PER LAKE COUNTY HEALTH DEPARTMENT RULE NO. 39-13.1, PAGE 51

REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL HEALTH DISTRICT
Date 9/6/07 By Donald
NO CURTAIN DRAIN Allowed
SEWAGE DISPOSAL PERMIT MUST BE OBTAINED BY A LAKE COUNTY LICENSED INSTALLER BEFORE INSTALLATION IS STARTED

NOTE: A NEW SEPTIC SYSTEM WAS INSTALLED FOR HOUSE #8954

LL = 5.5 $\frac{360 \text{ GPD}}{5.5} = 65'$

BR AL = 0.6 $\frac{5.5}{0.6} = 9.2$ USE 10' WIDE

USE 5 TRENCHES - 2' WIDE EACH FOR 10' TOTAL

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

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

HYDRAULIC PROFILE
HORZ: 1"=20' VERT: 1"=5'

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 JULY 9, 2007 BY ED HORENDEEN UNDER THE SUPERVISION OF HARLEY JONES, P.S. # 6313, ALL IRON PINS SHOWN HEREON WERE EITHER FOUND OR SET AS NOTED.

P.S.# 6313 DATE: 7/13/07

THE TOPOGRAPHY INDICATED BY 1' CONTOURS, AND ELEVATIONS SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE BY ED HORENDEEN ON 7/10/07. THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND AS OF THE ABOVE DATE THEY EXISTED AS INDICATED HEREON.

P.S.# 6313 DATE: 7/13/07

SHEET OF

Erosion and Sediment Control Schedule

Ingress-Egress
A stone access drive complete with under lying geo-textile fabric (30 feet wide and 50 feet long) or ingress and egress at the site shall be installed. This drive shall be the only entrance and exit to the site.

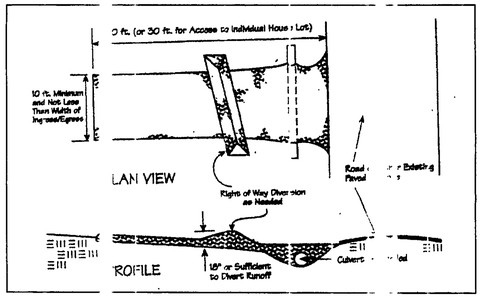
Silt Fence
A silt fence shall be installed prior to any earthwork on the utilities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

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 ao a thirty(30) foot strip of the entire front of the lot shall be maintained on the lots once initial grading is complete.

Stabilization of critical areas within fifty(50) feet of a 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 to a minimum depth of four inches over the first 4-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 Specifications Selection			
Seeding Dates	Species	Lb./1,000 ft.²	Per Ac.
March 1 to August 15	Oats 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.
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.

Stormwater Management Plan Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By J.S. Date 9/14/07

TBM – 5/8" IP FND
ELEV – 106.75

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 HARLEY JONES 6313 PROFESSIONAL SURVEYOR
7/13/07

REV NO.	DESCRIPTION	DATE	BY	CHK'D
1	REVISED PER L.C. HEALTH DEPT	7/23/07	HJ	HJ

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

DATE	7/11/07
DESIGN BY	H.J.
DRAWN BY	B.P.
APPROVED BY	H.J.
CREW CHIEF	W.B.

SITE PLAN
FOR
MARK STEFFENS

BLUFF STREET (P.P.# 20A-6D-8)
CITY OF KIRTLAND LAKE COUNTY STATE OF OHIO

SCALE 1"=20'
JOB NO 97-242
SHEET 1 OF 1