LLR = 3.55 BEDROOMS = 600 GPD 600/3.5 = 171 3.5/0.6 = 5.8 5 LINES @ 100 L.F. 6'-0" ON CENTER

BUILDER: Kern Building 9826 Foxwood Trail Kirtland, Ohio 44094 440-897-6023

3701-29-13.1 (2) A pipe and gravel leaching trench shall have a minimum of eight inches or 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 materia 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.

LEACHING TRENCH CROSS SECTION Add 2" of

NOTES:

1) XPX INSTALLER TO CONSULT WITH FREDESIGNER FOR 2). SPITC AND DUPLICATION AREAS HAVE BEEN MARKED OFF TO PROHIBIT DISTURBANCE OF AREA DURING

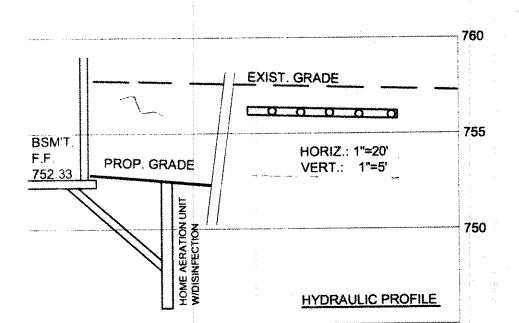
3). INSTALLER TO PROVIDE AS-BUILT OF SENESYSTEM TO HOME OWNER AND LAKE COUNTY HEALTH DEPARTMENT. 6). SEPTIC APPROVAL IS GOOD FOR A 1 YEAR PERIOD.

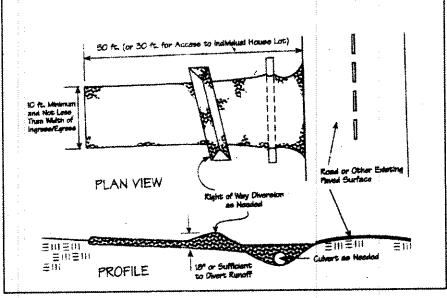
5). SWITCHES, CONTROLS, ALARMS & ELECTRICAL COMPONENTS SHALL BE UL OR CSA LISTED PRODUCTS, NATIONAL ELECTRIC CODE 3701-29-11-E-G.

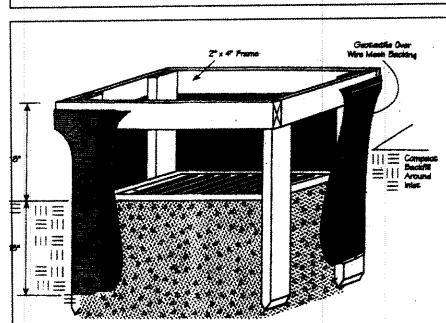
6). AN EFFECTIVE SAND FILE MATERIAL SHALL BE AN EFFECTIVE SIZE IN THE RANGE OF 0.15 MM TO 0.30 MM. A UNIFORMITY COEFFICIENT IN THE RANGE OF 4-5. NO MORE THAN 20% BY WEIGHT IS GRAVEL GREATER THAN 2 MM AND NO MORE 5% BY WEIGHT IS SILT AND CLAY LESS THAN 0.053 MM PER 3701-29-13.2 (2).

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 SERVICEPROVIDER FOR MAINTENANCE AND OPERATION OF CERTIFIED SERVICE PROVIDER AND REPORTS ARE TO BE SUBMITTED TO THE LAKE COUNTY HEALTH DEPARTMENT

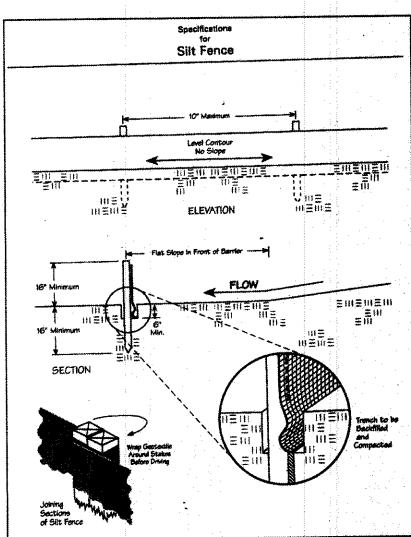


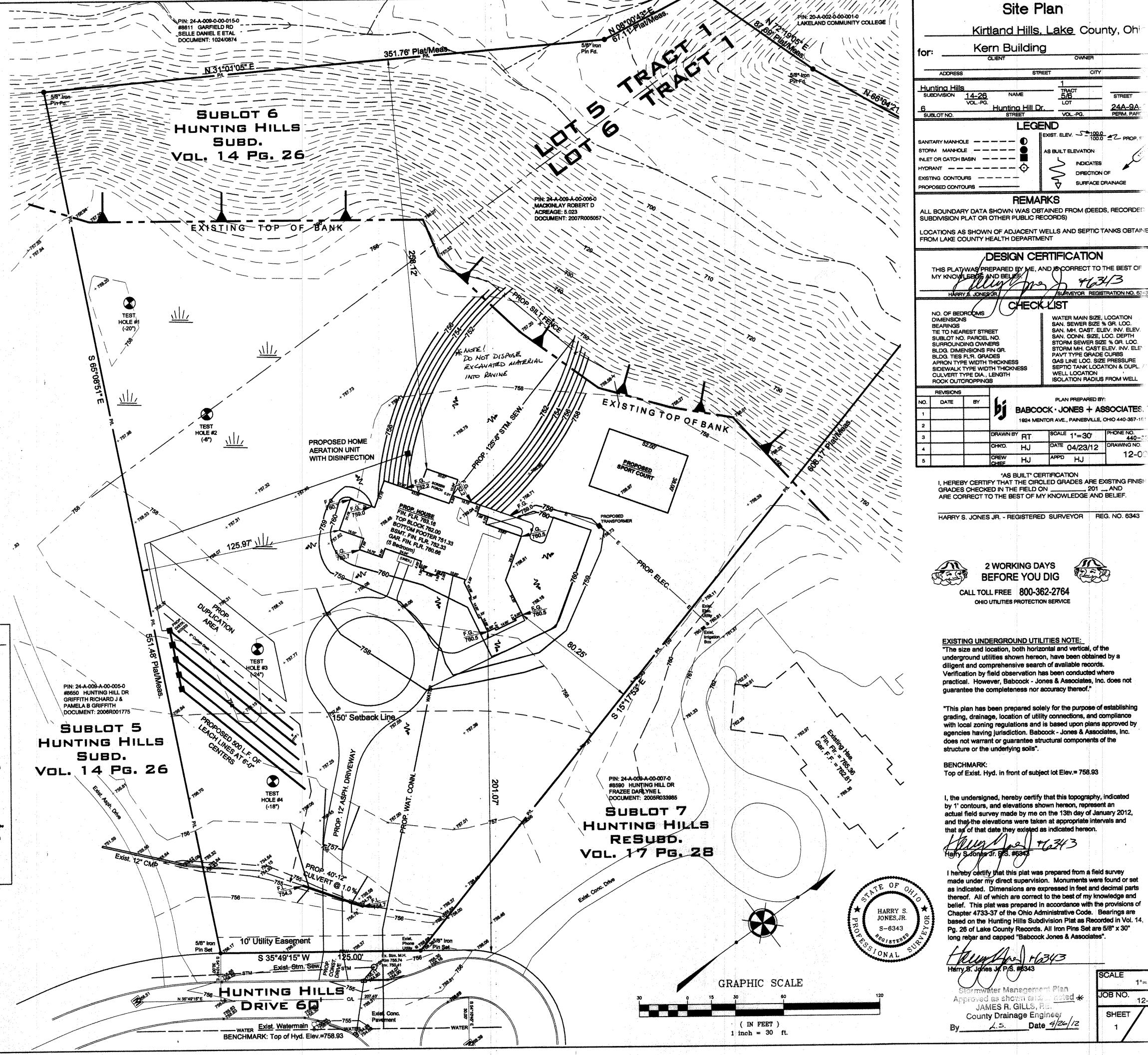




Temporary Seeding Species Selection							
Seeding Dates	Species	Lb./1,000 ft. <sup>2</sup>	Per Ac.				
March 1 to August 15	Oats Tall Fescue Annual Ryegrass	3 · 1	4 bushel 40 lb. 40 lb.				
	Perennial Ryegrass Tall Fescue Annual Ryegrass	1	40 lb. 40 lb. 40 lb.				
August 16 to November 1	Rye Tall Fescue Annual Ryegrass	3	2 bushel 40 lb. 40 lb.				
	Wheat Tall Fescue Annual Ryegrass	3 1 1	2 bushel 40 lb. 40 lb.				
	Perennial Ryegrass Tali Fescue Annual Ryegrass	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.





Kirtland Hills, Lake County, Ohi

| EXIST. ELEV. 5-100.0 - 7 PROP. 1 SURFACE DRAINAGE

ALL BOUNDARY DATA SHOWN WAS OBTAINED FROM (DEEDS, RECORDED SUBDIVISION PLAT OR OTHER PUBLIC RECORDS)

LOCATIONS AS SHOWN OF ADJACENT WELLS AND SEPTIC TANKS OBTAINED

DESIGN CERTIFICATION

SAN, MH, CAST, ELEV. INV. ELEV. SAN, CONN. SIZE, LOC. DEPTH STORM SEWER SIZE % GR. LOC. STORM MH. CAST ELEV. INV. ELEV PAYT TYPE GRADE CURBS GAS LINE LOC. SIZE PRESSURE SEPTIC TANK LOCATION & DUPL. WELL LOCATION ISOLATION RADIUS FROM WELL

NO.	DATE	ÐΥ	PLAN PREPARED BY:			
1			7		CK · JONES + AS	
2				1824 MEN		
3			DRAWN BY	RT	SCALE 1"=30"	PHONE NO. 440-307-1
4			снко.	HJ	DATE 04/23/12	DRAWING NO.
5			CREW	HJ	APPD HJ	12-0 ିଥ

I, HEREBY CERTIFY THAT THE CIRCLED GRADES ARE EXISTING FINISH 

HARRY S. JONES JR. - REGISTERED SURVEYOR REG. NO. 6343



"The size and location, both horizontal and vertical, of the underground utilities shown hereon, have been obtained by a diligent and comprehensive search of available records. Verification by field observation has been conducted where practical. However, Babcock - Jones & Associates, Inc. does not

"This plan has been prepared solely for the purpose of establishing grading, drainage, location of utility connections, and compliance with local zoning regulations and is based upon plans approved by agencies having jurisdiction. Babcock - Jones & Associates, Inc. does not warrant or guarantee structural components of the

I, the undersigned, hereby certify that this topography, indicated by 1' contours, and elevations shown hereon, represent an actual field survey made by me on the 13th day of January 2012, and that the elevations were taken at appropriate intervals and

I hereby certify that this plat was prepared from a field survey made under my direct supervision. Monuments were found or set as indicated. Dimensions are expressed in feet and decimal parts thereof. All of which are correct to the best of my knowledge and belief. This plat was prepared in accordance with the provisions of Chapter 4733-37 of the Ohio Administrative Code. Bearings are based on the Hunting Hills Subdivision Plat as Recorded in Vol. 14, Pg. 26 of Lake County Records. All Iron Pins Set are 5/8" x 30"

> 12-002 SHEET

1"=30