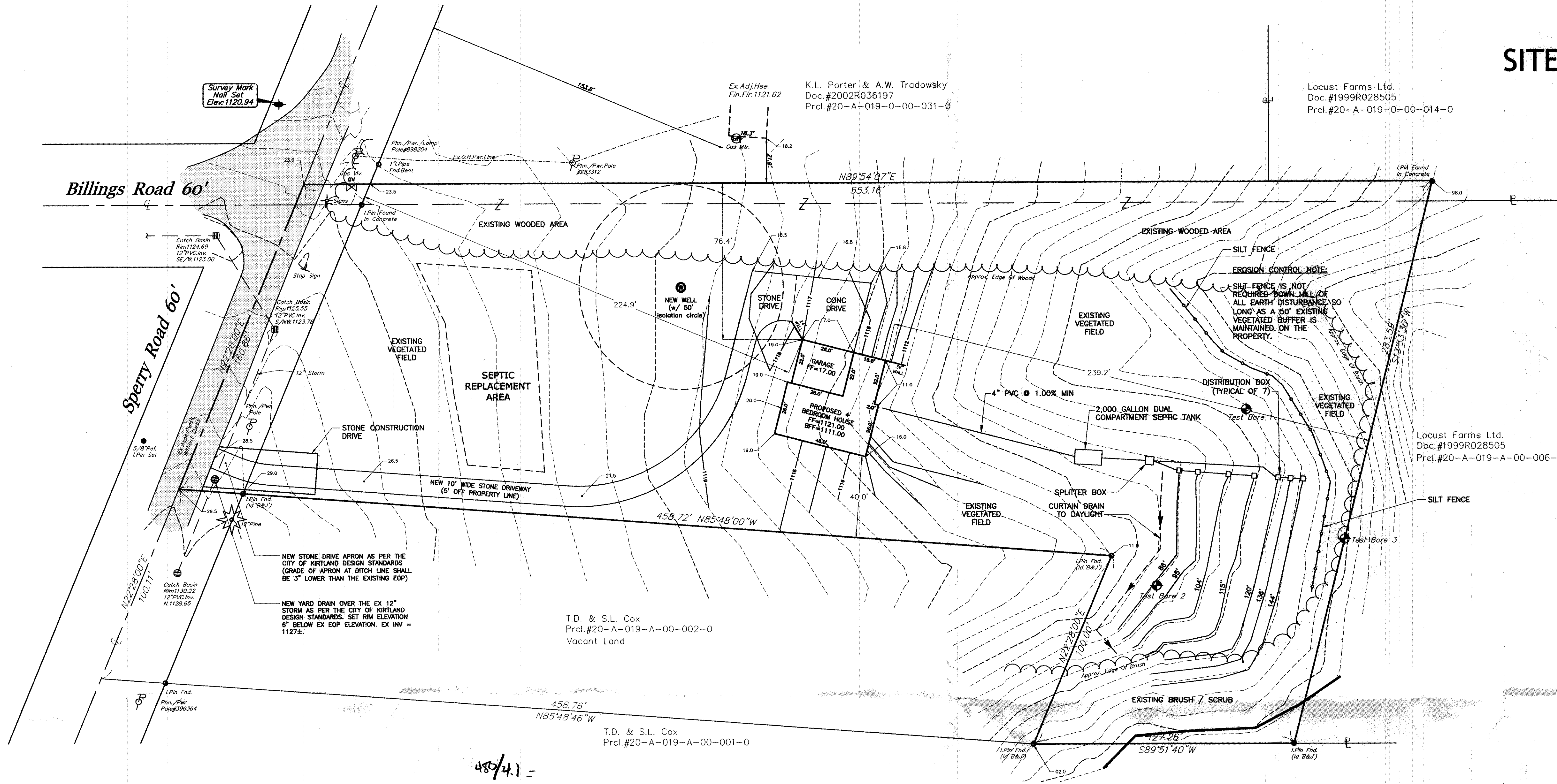
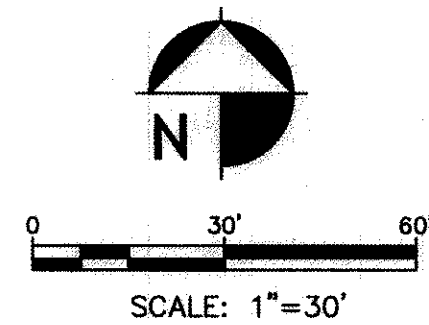


SITE & SEPTIC & GRADING PLAN

PREPARED FOR:
JOHN AND MAUREEN URBANICK
V/L SPERRY ROAD
PPN 20A-19-36
KIRTLAND, LAKE COUNTY, OH 44094



SITE & SEPTIC PLAN NOTES

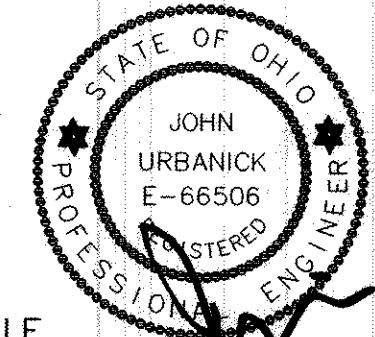
1. THE SIZE AND LOCATION OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL. HOWEVER, THE PLAN DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.
2. REFER TO HOUSE PLANS FOR DETAILED DIMENSIONS FOR CONSTRUCTION.
3. DOWNSPOUTS SHALL BE OUTLETTED TO SPLASHBLOCKS AND DIRECTED AWAY FROM THE BUILDING.
4. LOT AREA = 2.454 ACRES
5. HOUSE AND DRIVE IMPERVIOUS AREA =
6. ALL SEPTIC SYSTEM INSTALLATION BY THE CONTRACTOR SHALL BE AS PER CURRENT LAKE COUNTY HEALTH DISTRICT REQUIREMENTS.
7. LEACH LINES SHALL BE PLACED 6' O.C. MINIMUM AND SHALL NOT BE PLACED ON SLOPES EXCEEDING 16%.
8. ALL SEPTIC SYSTEM RELATED IMPROVEMENTS SHALL BE PLACED 50' MINIMUM FROM A WELL AND SHALL BE POSITIONED 10' MINIMUM FROM ANY PROPERTY LINE.
9. THE PROPOSED 4 BEDROOM HOUSE REQUIRES 800 LF OF LEACH LINE AND A 2000 GALLON SEPTIC TANK CAPACITY. MAXIMUM LEACH LINE LENGTH IS 150 LF.

SITE & SEPTIC PLAN CERTIFICATION

THIS PLAN REPRESENTS A SURVEY WHICH MEETS THE MINIMUM STANDARDS FOR A BOUNDARY SURVEY IN THE STATE OF OHIO AS SPECIFIED IN THE OHIO ADMINISTRATIVE CODE CHAPTER 4733.37. SURVEYED ON OCTOBER 21, 2008 BY DANIEL LAUX, P.S. #7087. ALL IRON PINS SHOWN HEREON WERE EITHER FOUND OR SET AS NOTED.

THE TOPOGRAPHY, INDICATED BY 1' CONTOURS, AND ELEVATIONS SHOWN HEREON REPRESENT AN ACTUAL FIELD SURVEY MADE BY DANIEL LAUX, P.S. NO. 7087 ON OCTOBER 21TH, 2008. THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND AS OF THE ABOVE DATE THEY EXISTED AS INDICATED HEREON.

THE SITE PLAN AND SEPTIC SYSTEM DESIGN WERE PREPARED BY JOHN URBANICK, E 66506, IN APRIL OF 2012 AS PER CURRENT CITY ZONING AND CITY ENGINEER REQUIREMENTS AND AS PER LAKE COUNTY HEALTH DISTRICT REQUIREMENTS AND GUIDELINES.



EROSION AND SEDIMENT CONTROL SCHEDULE

INGRESS-EGRESS
A STONE ACCESS DRIVE COMPLETE WITH UNDER LYING GEO-TEXTILE FABRIC (2 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
ALL 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 OF 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 OF 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.

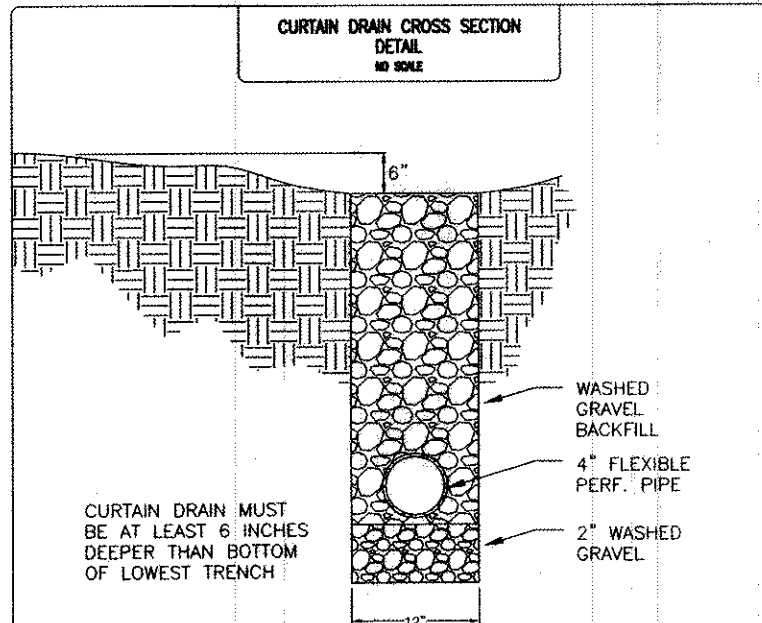
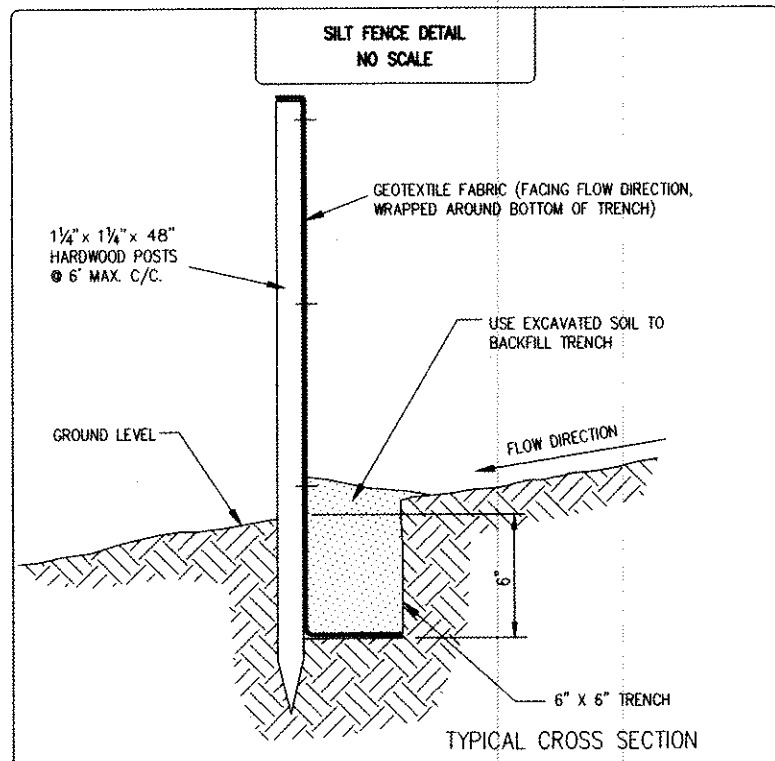
NOTE:
ALL EROSION AND SEDIMENT CONTROL SPECIFICATIONS, APPLICATIONS, AND TIMETABLES ARE BASED ON THE DESCRIPTIONS AND STANDARDS OF THE OHIO DEPARTMENT OF NATURAL RESOURCES "RAINWATER AND LAND DEVELOPMENT MANUAL" AND CAN BE FOUND IN THE LAKE COUNTY EROSION AND SEDIMENT CONTROL RULES AS ADOPTED DECEMBER 21, 1999.

THE SPECIFIED EROSION AND SEDIMENT CONTROL STANDARDS ARE THE GENERAL GUIDELINES AND SHALL NOT LIMIT THE RIGHT OF THE COUNTY TO IMPOSE, AT ANY TIME, ADDITIONAL, MORE STRINGENT REQUIREMENTS. NOR SHALL THE STANDARDS LIMIT THE RIGHT OF THE COUNTY TO WAIVE, IN WRITING, INDIVIDUAL REQUIREMENTS.

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By 614 Date 5/10/12

$$\frac{480}{4.1} = 117.1$$

$$4.1 \text{ } \checkmark$$

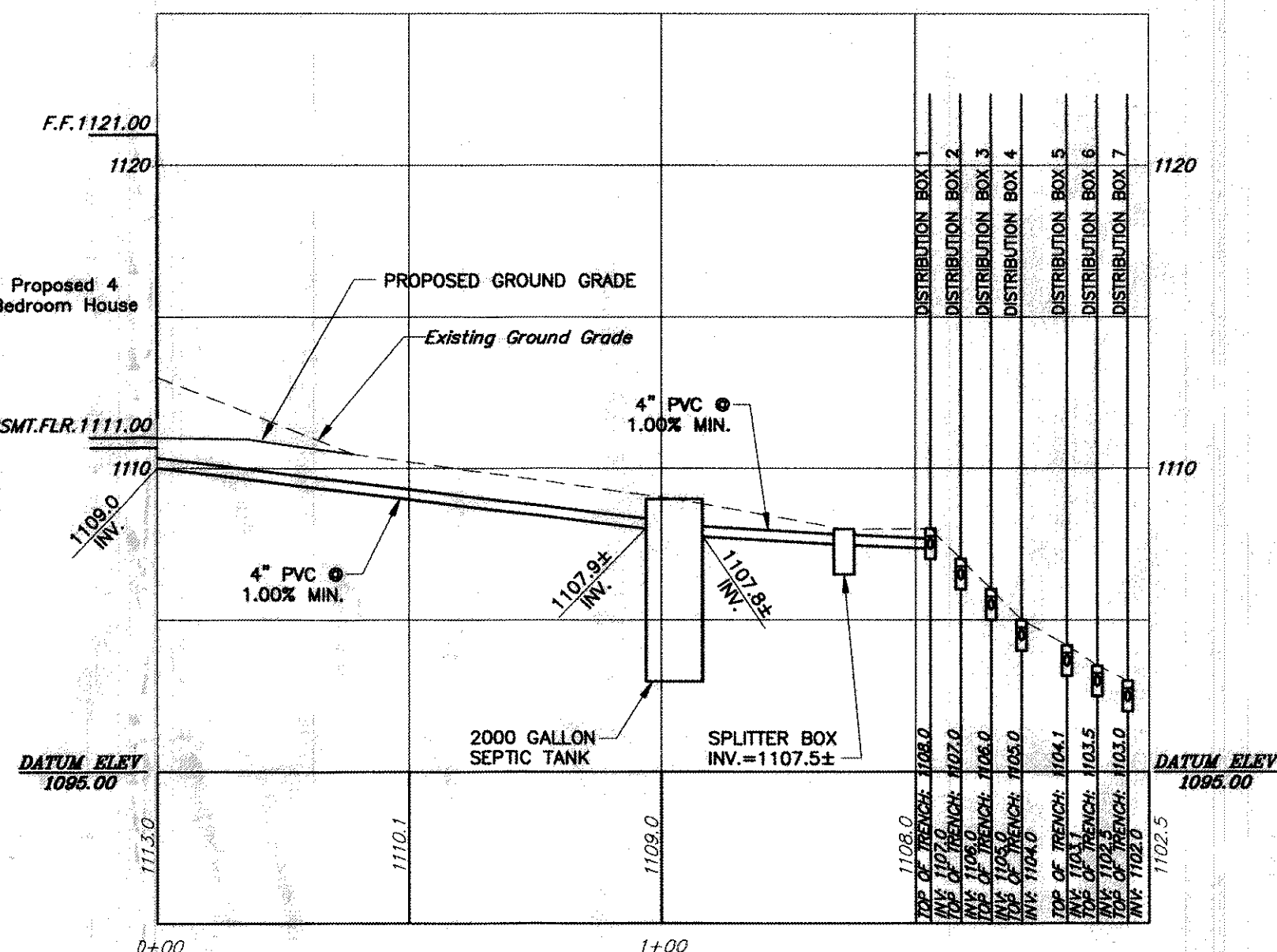
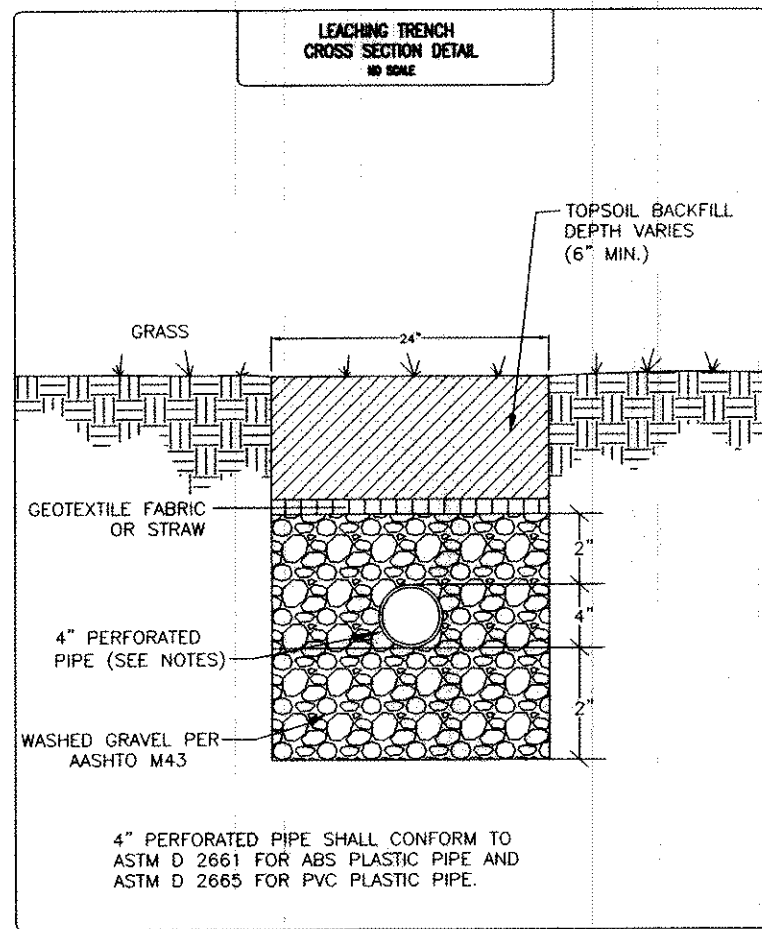
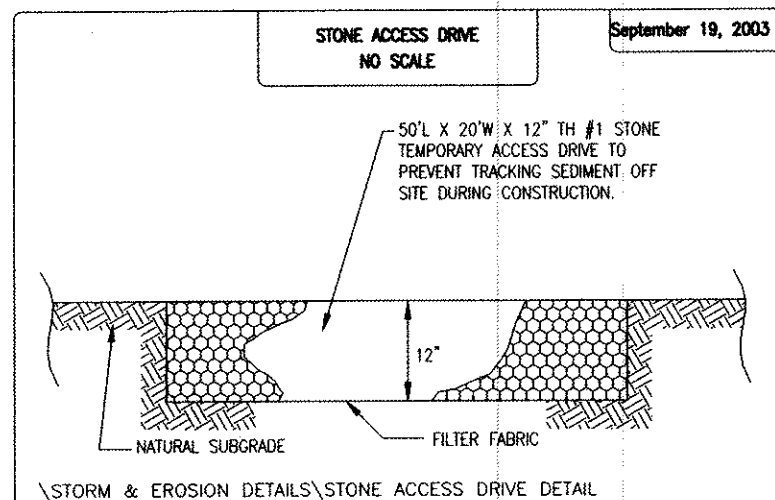


Temporary Seeding Specifications

Seeding Dates	Species	Lb. / 1000sqft	Per Acre
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	1	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Wheat	1	40 lb.
	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.
	Wheat	1	40 lb.

Note: other approved seed species may be substituted.
Use mulch only, sodding practices or dormant seeding

2 WORKING DAYS
BEFORE YOU DIG
CALL 8-1-1
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST BE CALLED DIRECT



SEPTIC PROFILE
1"=30' HOR
1"=5' VERT

REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL
HEALTH DISTRICT
Date 5-4-12 JD

SEWAGE DISPOSAL PERMIT MUST BE
OBTAINED BY A LAKE COUNTY LICENSED
INSTALLER BEFORE INSTALLATION IS
STARTED