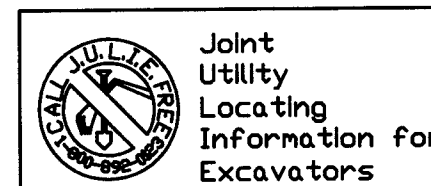
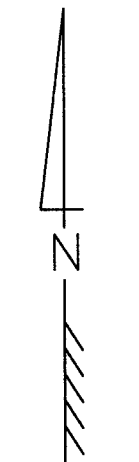


SEPTIC & SITE DEVELOPMENT PLAN

(SCALE: 1"=20')



CALL JULIE
48 hours before you dig
(Excluding Sat., Sun. & Holidays)
WITH THE FOLLOWING:
COUNTY LAKE
CITY-TOWNSHIP
SEC. & 1/4 SEC. NO#
1-800-892-0123



LEGEND
--- 109 --- PROPOSED CONTOURS
--- 105 --- EXISTING CONTOURS

OWNER:

LEGAL DESCRIPTION:

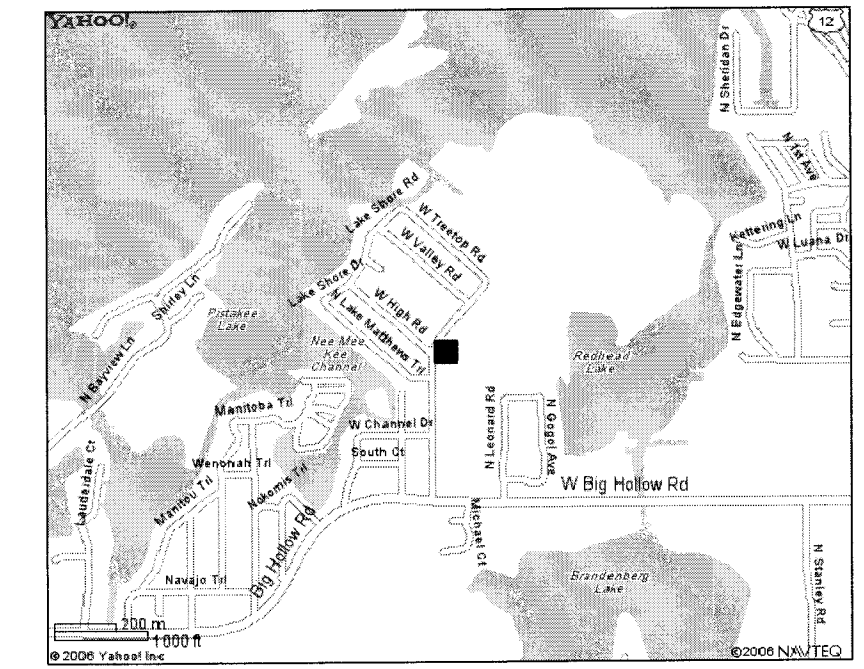
LOT 1 IN MARKIEWICZ SUBD.
SE 1/4, S16, T45, R9E
P.I.N.: PART OF
GRANT TOWNSHIP
(KNOWN AS: N. INDIAN TRAIL)

DESIGN DATA: (4 BDRM=600 GPD)

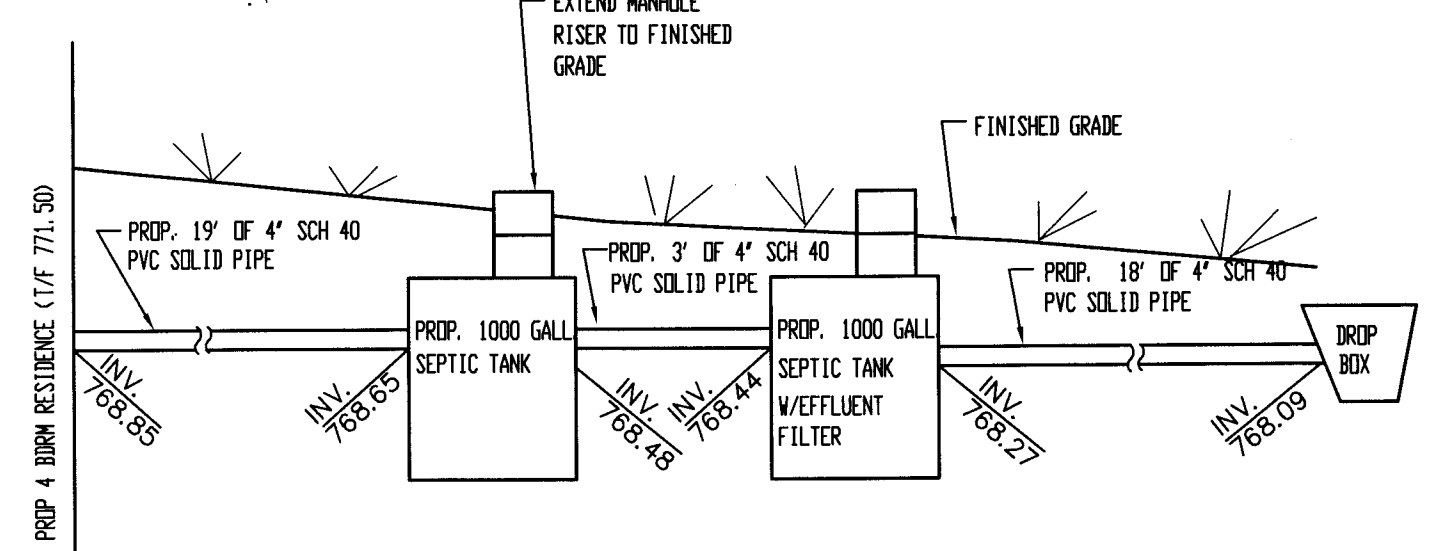
- 600 GPD/70 GPD/SQ FT/3 SQ FT/LFT=
- 285 L.F. OF TRENCH REQUIRED
- 300 L.F. OF TRENCH PROVIDED
- > 24" GROUNDWATER SEPARATION PROV'D
- 100% FUTURE EXPANSION AREA PROV'D

JOB NOTES:

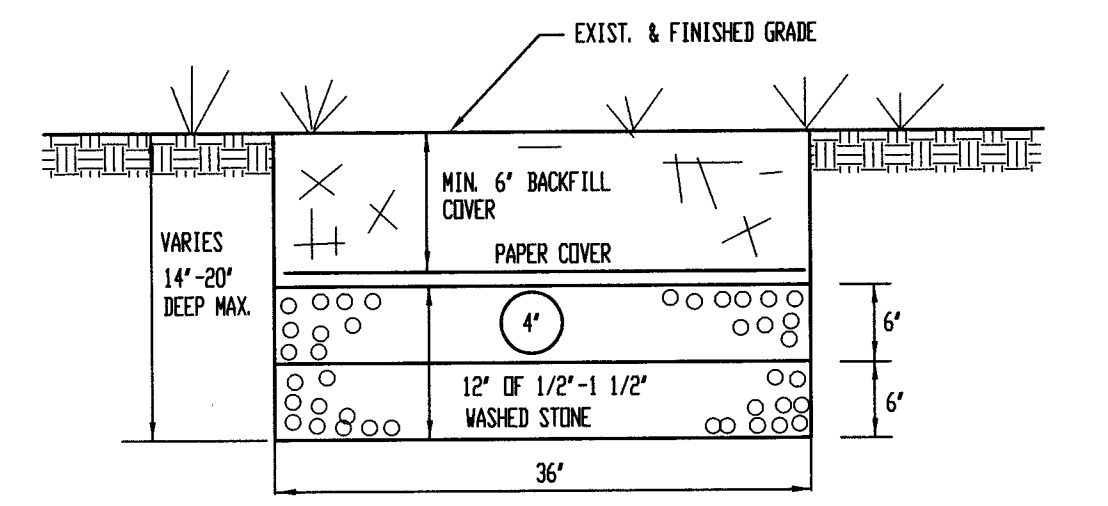
- 1.) PROP. (2) 1000 GALLON SEPTIC TANKS IN SERIES
W/ZABEL FILTER ON 2ND TANK OUTLET.
- 2.) THE PROPOSED SEPTIC & EXPANSION FIELD AREA, MUST BE FENCED OFF W/TEMPORARY FENCING PRIOR TO BEGINNING CONSTRUCTION. ALL TRAFFIC, SOIL FROM BASEMENT EXCAVATION, AND STOCKPILING OF BUILDING MATERIALS OR SCRAPS, MUST BE KEPT OFF OF THIS AREA. (FAILURE TO DO SO MAY RESULT IN PERMIT REVOCATION BY THE LAKE COUNTY HEALTH DEPARTMENT)
- 3.) THE SEPTIC FIELD AREA SHALL NOT BE CUT OR FILLED UNLESS IT IS SPECIFIED ON THIS PLAN.
- 4.) SEPTIC CONTRACTOR SHALL VERIFY ALL WELLS, ELEVATIONS, AND DIMENSIONS BEFORE STARTING CONSTRUCTION. ANY DISCREPANCIES OR DEVIATIONS FROM THIS PLAN SHALL BE REPORTED TO THE SEPTIC SYSTEM DESIGNER IMMEDIATELY.
- 5.) NO CLEAR WATER FROM FOOTING DRAINS, AIR CONDITIONERS, OR DEHUMIDIFIERS SHALL DISCHARGE INTO SEPTIC SYSTEM. ROUTE CLEAR WATER SLUMPS & GUTTERS TO DISCHARGE AWAY FROM SEPTIC SYSTEM AREA.
- 6.) CONTRACTORS SHALL CALL J.U.L.I.E. TO VERIFY UTILITY LOCATIONS BEFORE DIGGING AT: (800) 892-0123.
- 7.) THIS DESIGN DOES NOT IMPLY OR GUARANTEE TROUBLE FREE SERVICE. PROPER INSTALLATION, USE, & MAINTENANCE IS REQ'D.



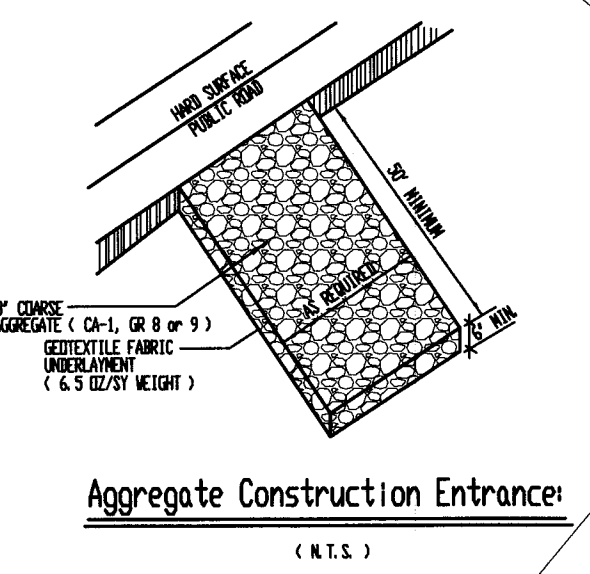
Site Map
(N.T.S.)



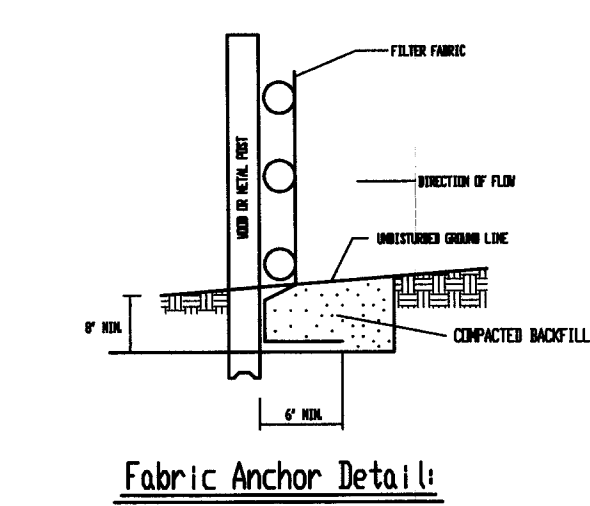
Tank & Piping Detail:
(N.T.S.)



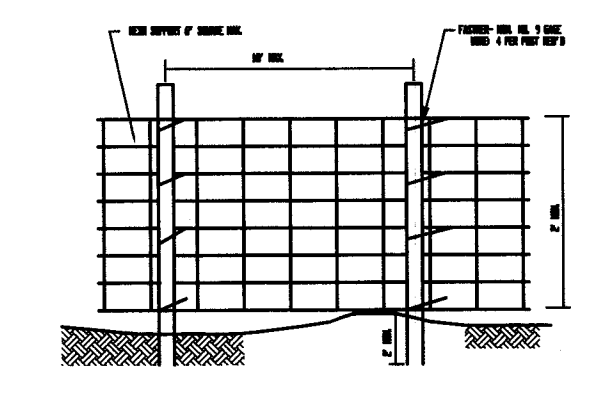
Trench Detail:
(N.T.S.)



Aggregate Construction Entrance:
(N.T.S.)



Fabric Anchor Detail:
(N.T.S.)



Silt Fence Plan:
(N.T.S.)

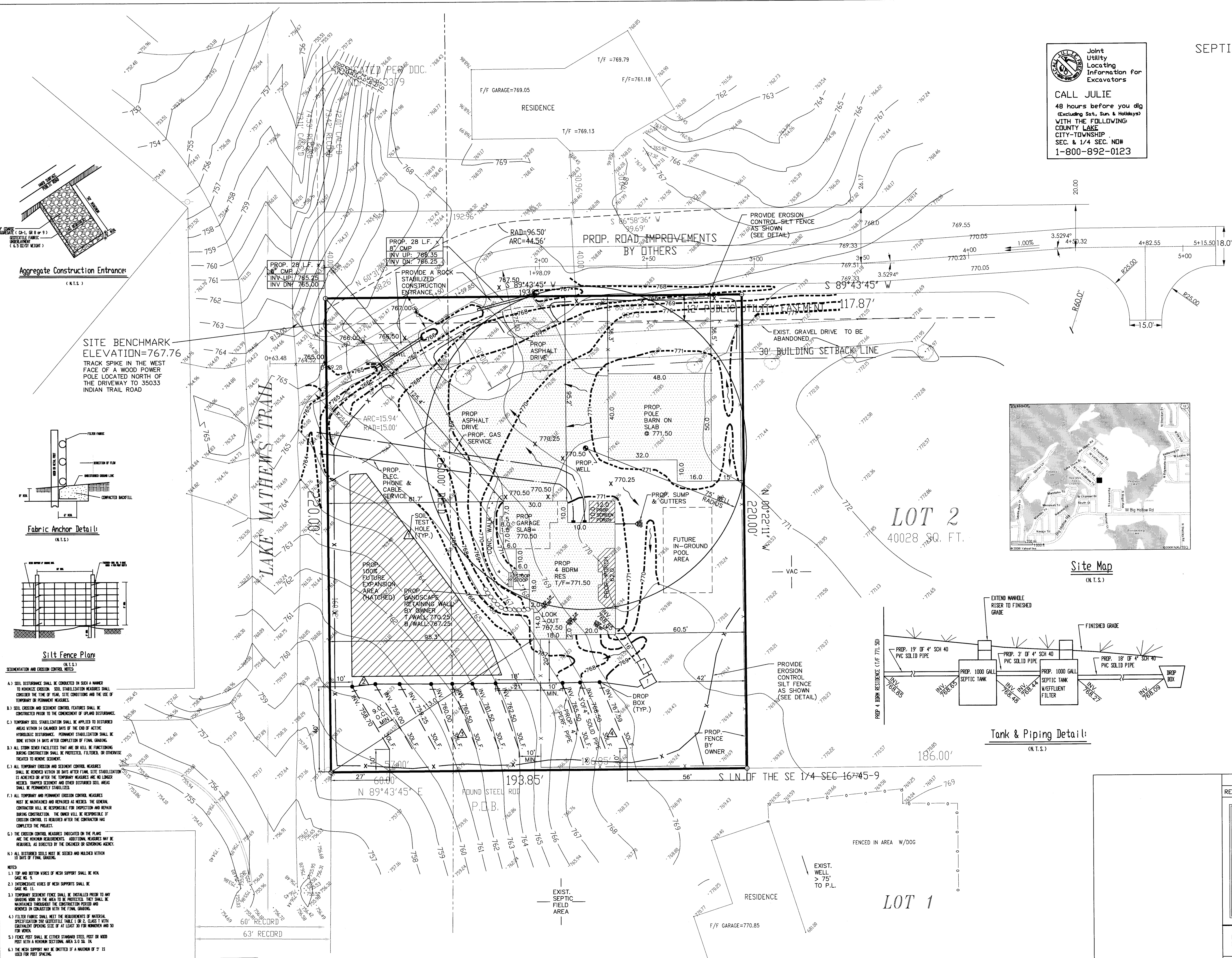
- SEMENTATION AND EROSION CONTROL NOTES:**
- A.) SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
 - B.) SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPWARD DISTURBANCES.
 - C.) TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCES. PERMANENT STABILIZATION SHALL BE DONE WITHIN 14 DAYS AFTER COMPLETION OF FINAL GRADING.
 - D.) ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED, OR OTHERWISE TREATED TO REMOVE SEDIMENT.
 - E.) ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 90 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
 - F.) ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION. THE OWNER WILL BE RESPONSIBLE IF EROSION CONTROL IS REQUIRED AFTER THE CONTRACTOR HAS COMPLETED THE PROJECT.
 - G.) THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
 - H.) ALL DISTURBED SOILS MUST BE SEEDER AND MULCHED WITHIN 10 DAYS OF FINAL GRADING.
- NOTES:**
- 1.) TOP AND BOTTOM WIRES OF MESH SUPPORT SHALL BE MIN. GAGE NO. 8.
 - 2.) INTERMEDIATE WIRES OF MESH SUPPORTS SHALL BE GAGE NO. 11.
 - 3.) TEMPORARY SEDIMENT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING.
 - 4.) FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION AND PERMEABILITY TABLE (OR 2) CLASS 1 WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NOMINAL AND 50 FOR MESH.
 - 5.) FENCE POST SHALL BE EITHER STANDARD STEEL POST OR WOOD POST WITH A MINIMUM SECTIONAL AREA 3.0 SQ. IN.
 - 6.) THE MESH SUPPORT MAY BE OMITTED IF A MAXIMUM OF 3" IS USED FOR POST SPACING.

REV.	DATE	DESCRIPTION

SEPTIC SYSTEMS: DESIGN & INSTALL

PO BOX 1048
Lake Villa, IL 60046
(847) 245-2139 phone
(847) 245-2122 fax
Email: steve@albertslanddesign.com

DRAWN BY: P.J.D. CHECKED BY: S.A. PRJ. NO. 07606 DATE 11/15/06



LOT 2
40028 SQ. FT.

LOT 1