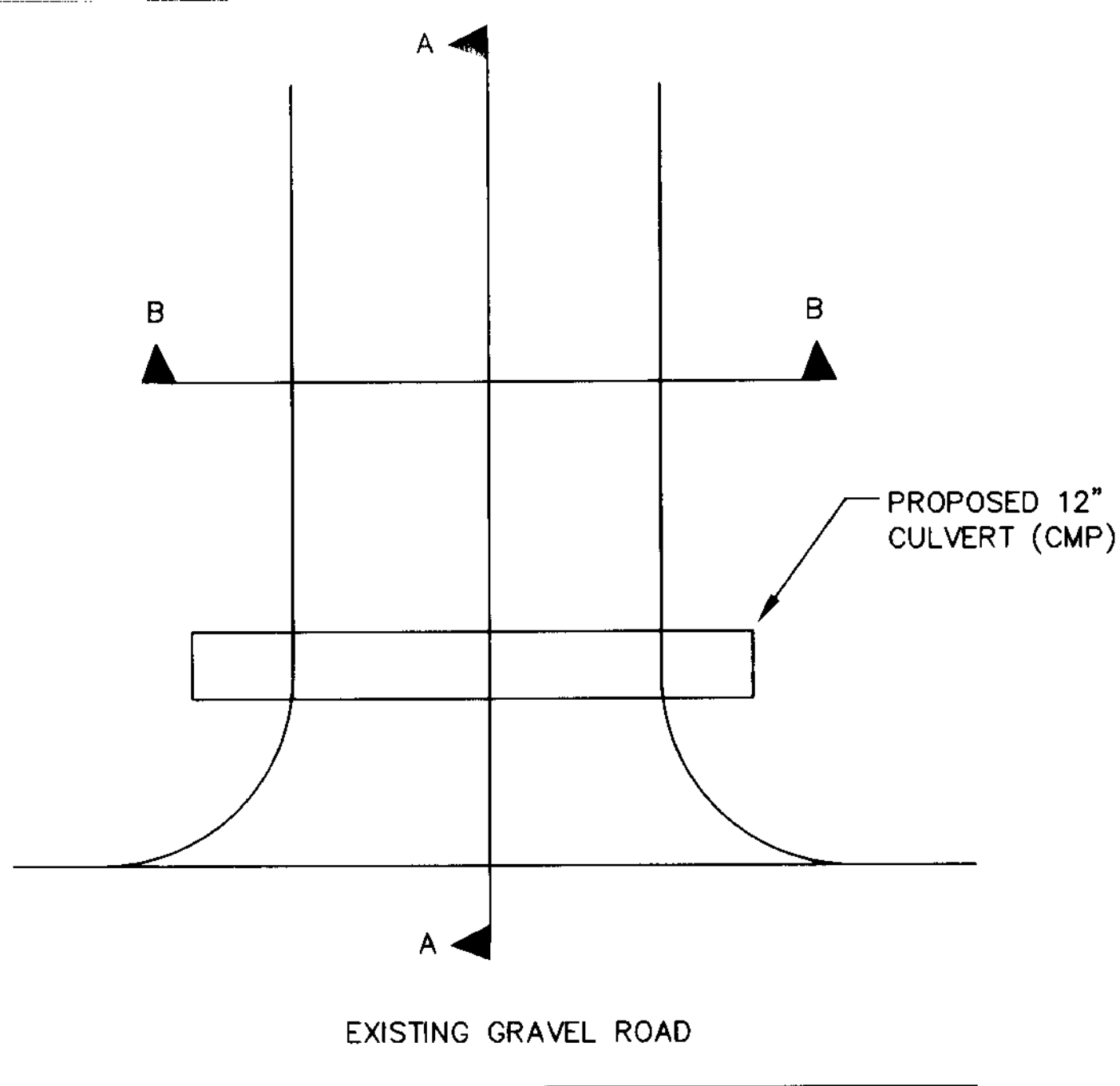
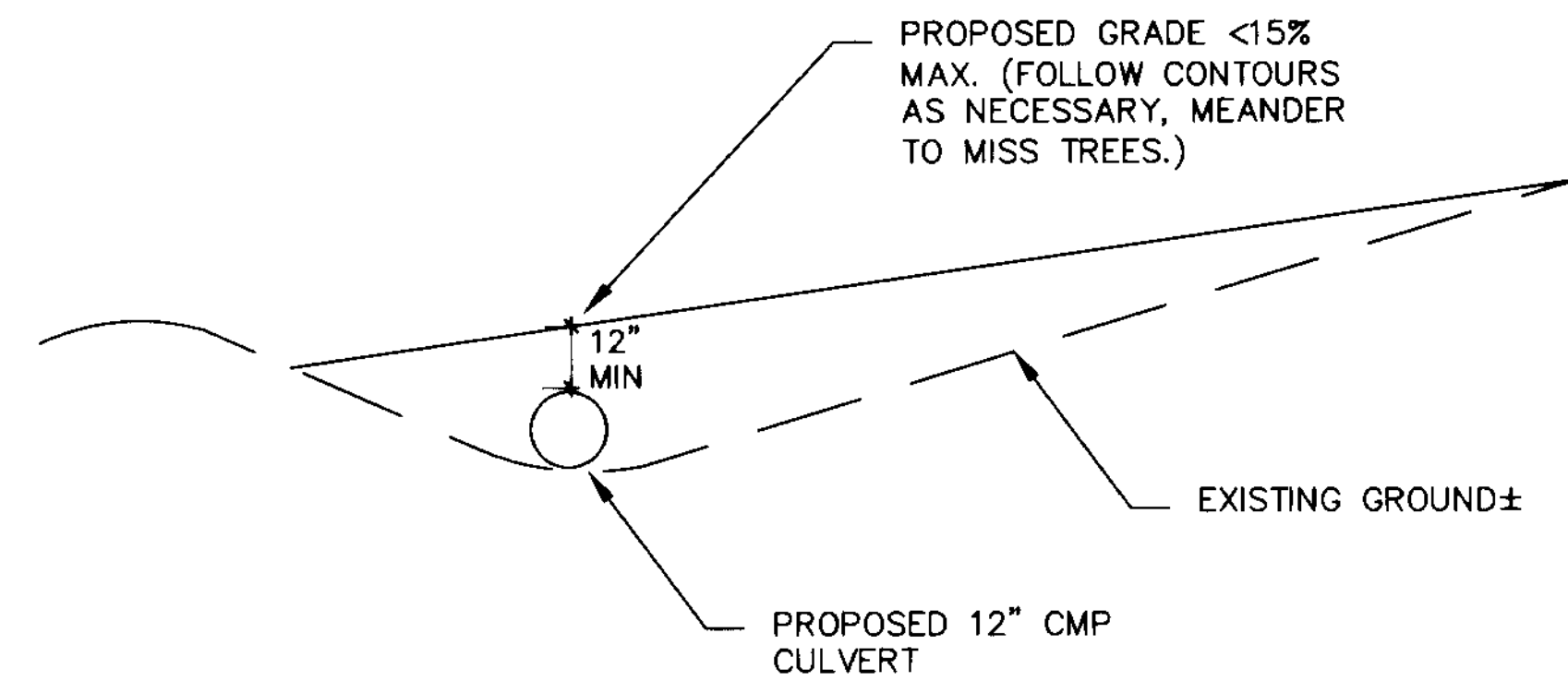
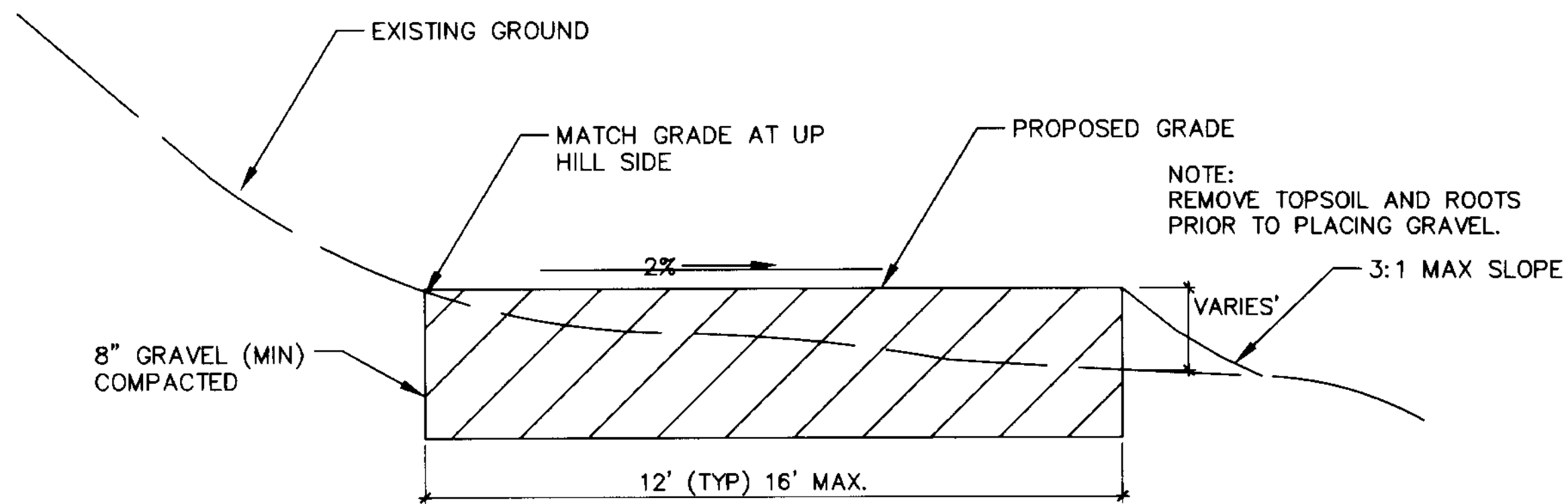




PLAN



SECTION A-A



SECTION B-B

TYPICAL DRIVEWAY DETAIL

NTS
NOTE: MINIMIZE CLEARING FOR DRIVEWAY INSTALLATION.

NOT A SURVEY

SEPTIC SYSTEM GENERAL NOTES

1. The septic system designs shown on this plan are typical requirements for a 4 bedroom home, and are based on estimated house sizing and preliminary soil percolation rates determined in the field.
2. The septic systems shown are sized in accordance with the 1996 edition of "Individual Residential Wastewater Treatment Systems Design Handbook", by New York State Department of Health (DOH Red Book). Owners of individual septic systems are referred to the DOH Red Book for proper operation and maintenance procedures. Failure to comply with the DOH Red Book for operation and maintenance, or changes made in the design flow, relieve the engineer of liability of the septic system design and life expectancy.
3. Garbage disposals or grinders are not recommended for on-site disposal systems. If a garbage disposal will be installed, or is reasonably anticipated, then at a minimum, the septic tank shall have an increase in capacity of 250 gallons, and the frequency of the system inspections shall increase.
4. The septic systems for the proposed lots are shown at suggested locations. Soils investigation and percolation testing shall be done in conformance with the DOH Red Book at the actual location of the proposed septic systems, especially after placement and settlement of fill areas. The actual percolation rates and house sizes may vary from the preliminary assumptions. Once the percolation tests are performed on each lot, a septic system design shall be prepared by an Engineer licensed in New York State, and submitted to the City of Saratoga Springs Building Inspector prior to issuance of a building permit.
5. The frequency of inspections and/or pumping of the septic tank varies greatly based on use. The acceptable industry standard is typically a 3 to 5 year interval, with more frequent inspections and/or pumping with garbage disposal installation and higher intensity uses.

SEPTIC SYSTEM CONSTRUCTION NOTES:

1. Heavy construction equipment shall not be allowed within the septic disposal area.
2. The septic tank shall be 1,000 gallon minimum pre-cast concrete as manufactured by The Fort Miller Co. or equivalent.
3. The distribution box shall be concrete and have a minimum of 5 outlets as manufactured by The Fort Miller Co. or equivalent.
4. Solid wall piping between the house and septic tank and the septic tank and distribution devices shall be PVC SCH 40 or PVC SDR-26.
5. Place the aggregate and distribution lines in the excavated trenches. Cover the lines with 2 inches of aggregate. The aggregate shall consist of 3/4"-1 1/2" washed gravel or crushed stone. The perforated distribution lines shall be PVC ASTM D 2729 for use in septic systems.
6. For testing, place clear water in distribution boxes, checking for uniform streams of water from each hole in the distribution boxes. Adjust distribution box outlets until all streams are even.
7. A permeable geotextile or untreated building paper or straw shall be placed over the absorption area to prevent the infiltration of fines into aggregate.
8. A minimum of six inches of fill shall be placed over the top of the absorption area, taking care not to drive over the distribution trenches. The entire absorption area shall be covered with topsoil and seeded to grass.

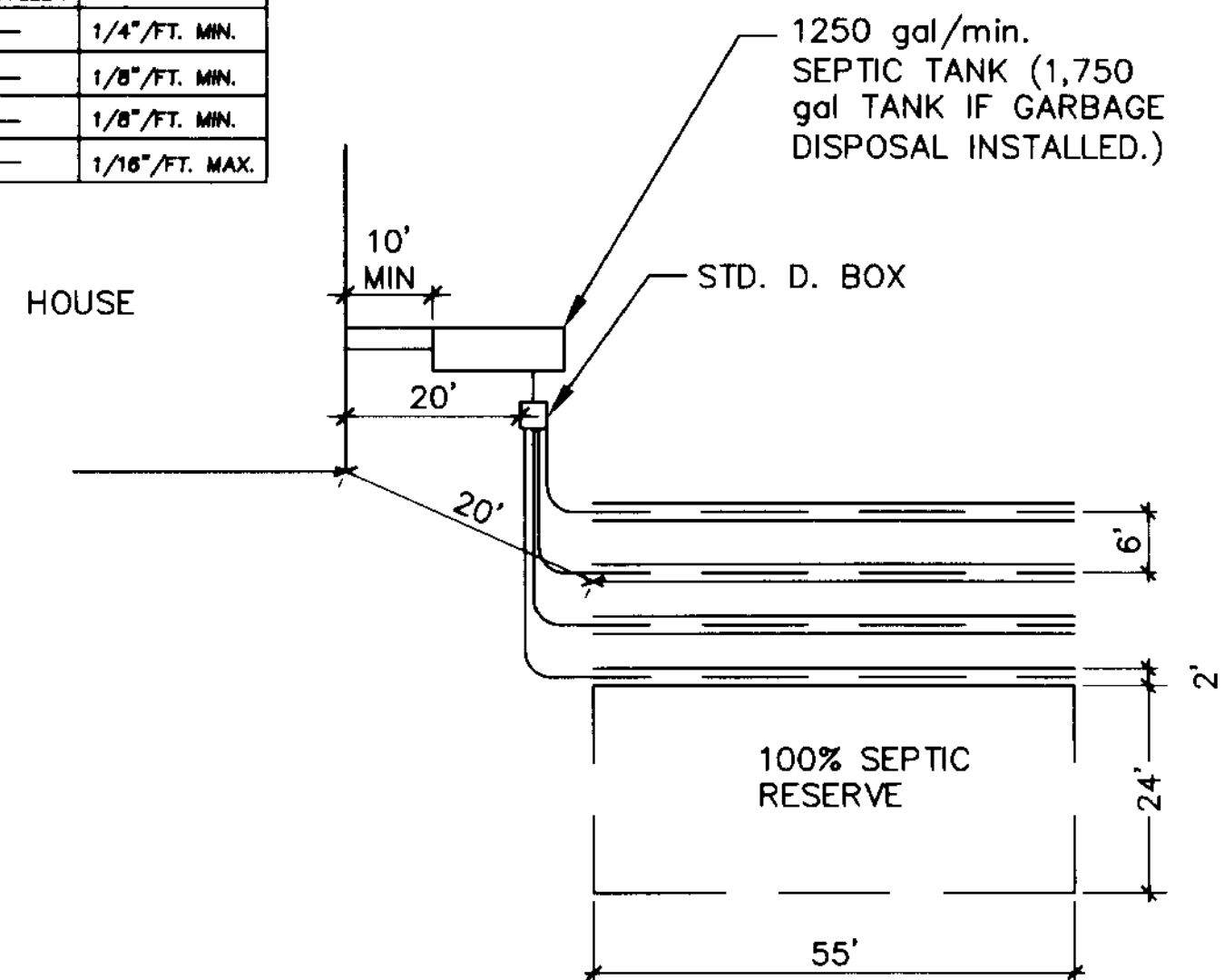
Section 4.08 Wetlands and Stream Protection.

Portions of the Property contain freshwater wetlands (hereinafter the "wetlands"), and streams and are shown with 100-foot buffer areas on the Subdivision Map.

1. The Association and all Lot Owners shall preserve the wetlands, streams and buffer areas in their natural condition and use of these areas shall be limited to hiking, walking, bird-watching, cross-country skiing, snow-shoeing, swimming, fishing, canoeing, educational and scientific study and observation and other such similar uses and activities as will not impair or interfere with the natural condition of these resources. Use of these areas shall also conform to any additional restrictions set forth in Adirondack Park Agency Project Permit No. _____.
2. Without limitation, the following uses and activities are expressly prohibited in the wetlands, streams and their respective buffers areas:

- (a) Construction or placement of any building, tennis or other recreational court, swimming pool, fence, pavement, antenna, utility pole, tower, conduit, lights and any other permanent or temporary structure. Provided, however, that necessary utilities may be installed within these areas with approval of the Adirondack Park Agency.
- (b) Ditching, draining, dredging and excavating; mining and drilling; diking and damming; filling; removing topsoil, sand, gravel, rock, mineral or other material; and changing the natural drainage ways and other topographical features in any manner. Provided, however, that if a drainage way becomes blocked, reasonable methods may be used to restore natural drainage patterns and to prevent flooding.
- (c) Removal, destruction and cutting of trees, shrubs, plants and grasses; planting of trees, shrubs, plants and grasses. Provided, however, that diseased and dead vegetation that presents a threat to the health and safety of Lot Owners may be removed and replaced with new plantings of vegetation naturally growing in these areas. Provided, further, that firebreaks may be cut in the event of fire emergencies, but such areas shall be replanted with native species as soon as possible after the emergency has passed.
- (d) Use of fertilizers, pesticides and biocides, including but not limited to insecticides, fungicides, rodenticides and herbicides.
- (e) Storage or dumping of ashes, trash, garbage and other unsightly and offensive materials, hazardous substance and toxic waste; placement of underground storage tanks.

MATERIALS SCHEDULE				
ITEM	SIZE	MATERIAL	MFG.	SLOPE
SEPTIC TANK	1000 GAL.	PRECAST CONC.	FORT MILLER	---
DISTRIBUTION BOX	#2	PRECAST CONC.	FORT MILLER	---
HOUSE TO SEPTIC TANK	4"	SOLID PVC SCH-40	---	1/4"/FT. MIN.
SEPTIC TANK TO D-BOX	4"	SOLID PVC SCH-40	---	1/8"/FT. MIN.
D-BOX TO LATERALS	4"	SOLID PVC SDR-35	---	1/8"/FT. MIN.
LATERALS	4"	PERF. PVC SDR-35	---	1/16"/FT. MAX.

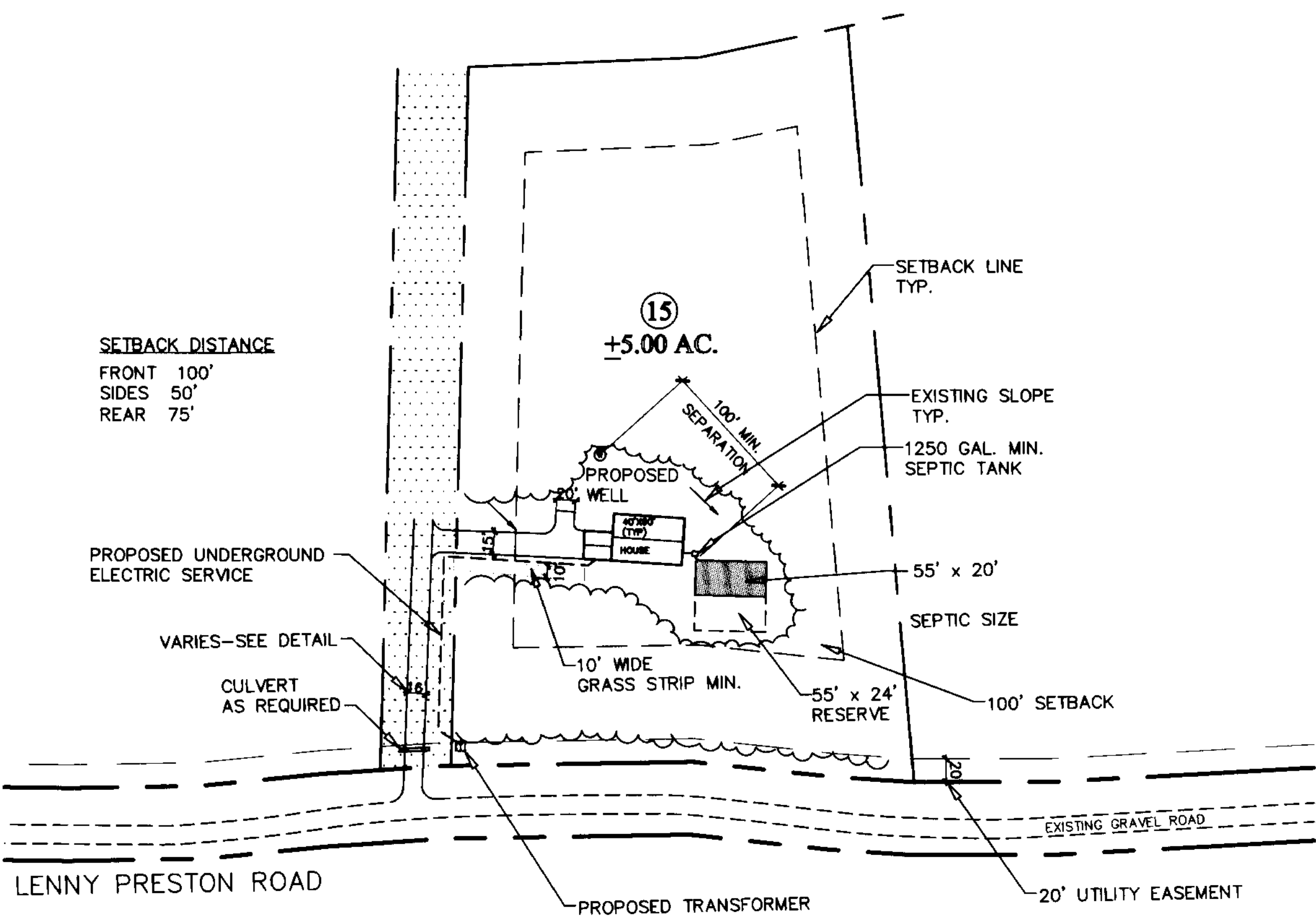


TYPICAL SEPTIC SYSTEM

SCALE: 1"=20'

SEPTIC SYSTEM PERCOLATION AND DESIGN RATES		
Field Perc Rate Min/Inch	Applic. Rate gal/day/sf	LF of Trench (4 BR house)
1 - 5	1.20	200 (4050')
6 - 7	1.00	240 (4060')
8 - 10	0.90	270 (5055')
11 - 15	0.80	300 (5060')
16 - 20	0.70	340 (6060')
21 - 30	0.60	400 (8060')
31 - 45	0.50	475 (8060')
46 - 60	0.45	530 (10055')

NOTE: Design flow for 4 bedroom house is 475 gal. Per day.



TYPICAL LOT LAYOUT

NTS

LA Group
Landscape Architecture
and Engineering, P.C.

40 Long Alley
Saratoga Springs
New York 12868
518/587-8100
Telefax 518/587-0180



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Design CRW

Drawn RBK

Checked

PREPARED FOR:
WHITEFACE MEADOWS, LLC



Whiteface Meadows
Bliss and Preston Roads
Wilmington, NY
The SITE DETAILS

Revisions
REV. 9/20/02
REV. 10/24/02

Project 01124
Date 6/19/02
CAD # 1124BASE

Drawing
L-3