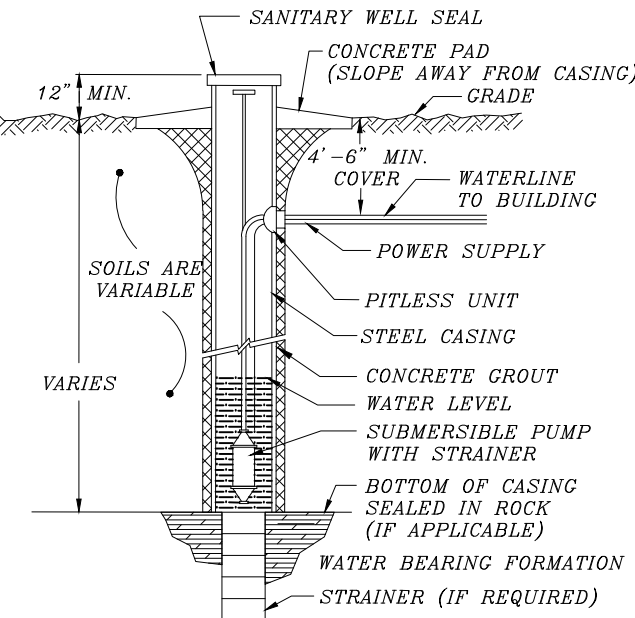


SPECIFICATIONS LEGEND:

1. BUILDING TO SEPTIC TANK - 4" PVC ASTM-3034, SDR 21 OR SCHEDULE 40. PIPE SHALL BE INSTALLED AT A MINIMUM SLOPE OF 1/4" PER FOOT ON A COMPACTED SUB-BASE WITH A MINIMUM 4" CRUSHED STONE OR SAND ENCASMENT. THERE SHALL BE NO BENDS IN THE PIPE BETWEEN THE BUILDING AND THE SEPTIC TANK WITHOUT CLEANOUTS.
2. LAUNDRY FACILITIES WASTE SHALL DISCHARGE TO THE SEPTIC TANK. IF A FORCED SYSTEM IS USED, THE DISCHARGE SYSTEM SHALL INCLUDE A CHECK VALVE.
3. SEPTIC TANK SHALL COMPLY WITH SECTION 75-A OF THE CURRENT NYSDOH REGULATIONS. TANK SHALL BE DUAL COMPARTMENT WITH A MINIMUM CAPACITY OF 1250 GALLONS AND A MINIMUM LIQUID SURFACE AREA OF 34 SF. FOR THE BUILDING. THE SEPTIC TANK IS SIZED FOR A GARBAGE GRINDER, HOWEVER, ONE IS NOT RECOMMENDED. AN EFFLUENT FILTER SHALL BE PLACED AT THE TANK OUTLET.
4. THE PIPE FROM THE SEPTIC TANK TO THE DROP BOX SHALL BE THE SAME AS SPECIFICATION #1 INSTALLED AT A MINIMUM SLOPE OF 1/8" PER FOOT. ALL PIPES IN THE SYSTEM SHALL BE PROPERLY ENCASED IN SAND BEFORE BACKFILLING.
5. DROP BOXES SHALL COMPLY WITH SECTION 75-A OF THE NYSDOH REGULATIONS. IT SHALL BE INSTALLED ON 12" LEVELING COURSE OR CRUSHED STONE.
6. PERFORATED PIPE DISTRIBUTION LINES SHALL BE 4" PVC PER ASTM-D2729 INSTALLED AT A SLOPE OF 1/16" TO 1/32" PER FOOT INSTALLED PER PLAN DETAIL. IF CHAMBER INFILTRATORS ARE USED, THEY SHALL BE COVERED, (SIDES AND TOP) WITH BREATHABLE UNWOVEN FILTER CLOTH MATERIAL, BEFORE THEY ARE INSTALLED. THE INFILTRATORS SHALL BE INSTALLED WITH A MAXIMUM COVER OF 8".
7. THE SURFACE STORMWATER SYSTEMS SHALL DISCHARGE WATER AWAY FROM THE WASTEWATER TREATMENT SYSTEM AND TO THE LOW SIDE OF THE AREA TO BE DEVELOPED. STORMWATER DISCHARGES AND TRENCH DRAINS SHALL NOT BE CONNECTED TO THE TREATMENT SYSTEM. DOWNSPOUTS TO BE 4" SDR 21 TO DISCHARGE TO END OF SWALES.
8. WATER SERVICE FROM THE WELL TO THE HOME SHALL BE INSTALLED ACCORDING TO THE DETAIL SHOWN ON THE PLAN.
9. WATER SAVING DEVICES PER CURRENT NYS BUILDING CODE SHALL BE INSTALLED ON ALL FIXTURE UNITS DISCHARGING WASTEWATER TO THE TREATMENT SYSTEM.

PLAN NOTES:

- A. THE WASTEWATER TREATMENT SYSTEM SHALL BE INSTALLED IN BASIC CONFORMANCE WITH THE NYSDOH HANDBOOK FOR INDIVIDUAL HOUSEHOLD SYSTEMS ADOPTED 2012, THE APPROVED PLAN DETAILS, AND THE TOWN DEVELOPMENT REGULATIONS.
- B. THE FOLLOWING MINIMUM DISTANCE APPLY TO THIS PROJECT:
 1. BUILDING TO SEPTIC TANK - 10'
 2. BUILDING TO DISTRIBUTION LINE - 20'
 3. DISTRIBUTION LINE TO PROPERTY LINE - 10'
 4. WATERSERVICE TO DISTRIBUTION LINE - 10'
 5. WELL TO WASTEWATER DISPOSAL SYSTEM - 100' MINIMUM
- C. THE PLACEMENT AND ARRANGEMENT OF THE WASTEWATER TREATMENT SYSTEM AND DRAINAGE PATTERNS SHOWN ON THE APPROVED PLAN WILL NOT BE CHANGED WITHOUT THE APPROVAL OF A DESIGN PROFESSIONAL AND THE TOWN.
- D. THE SITE DEVELOPER SHALL OBTAIN AN APPROVED PLAN AND PERMIT PRIOR TO THE INSTALLATION OF ANY SITE IMPROVEMENTS. PRINTS HAVE BEEN SUPPLIED TO THE OWNER. ADDITIONAL PRINTS WILL BE AVAILABLE UPON REQUEST.
- E. THE AREA TO BE USED FOR THE WASTEWATER TREATMENT SYSTEM SHALL NOT BE USED FOR PARKING OR VEHICLES EITHER BEFORE OR AFTER THE CONSTRUCTION OF THE WASTEWATER TREATMENT SYSTEM TO PROTECT THE INTEGRITY OF THE SITE SOILS. THE DESIGN AREA SHALL BE CUT OF ANY VEGETATION AND SCARIFIED BEFORE BEING FILLED AND GRADED, WITH SOILS BEING PLACED IN 6" LIFTS WITH A TRACKED EXCAVATOR PER GRADING PLAN. THE SOILS SHALL HAVE A PERCOLATION RATE OF LESS THAN 20 MINUTES AND BE PLACED BEFORE THE GROUND FREEZES. THE TOPSOIL FILL SHALL BE ADDED TO THE WASTEWATER TREATMENT SYSTEM SITE TO PROVIDE POSITIVE SURFACE DRAINAGE AWAY FROM THE SYSTEM AND ENHANCE GRASS GROWTH. THE TREATMENT SYSTEM PIPE INVERTS SHALL BE INSTALLED AS OUTLINED ON THE LOT ELEVATION SCHEDULE.
- F. THE WASTEWATER TREATMENT INSTALLATION SHALL ALSO BE REVIEWED AND MAPPED BY A LICENSED DESIGN PROFESSIONAL BEFORE IT IS BACKFILLED. IF NECESSARY, A LETTER OF CERTIFICATION OF FINDINGS AS COMPARED TO THE APPROVED DESIGN SHALL BE SUBMITTED TO THE TOWN BEFORE A CERTIFICATE OF OCCUPANCY IS ISSUED. IF THE AREA OF THE WASTEWATER TREATMENT SYSTEM IS FOUND TO BE USED FOR PARKING AT ANY TIME BEFORE OR AFTER THE REVIEW AND CERTIFICATION, SUCH CERTIFICATION SHALL BE VOID. THE INSTALLER SHALL GIVE AMPLE NOTICE AS NECESSARY TO ESTABLISH A VIGOROUS GROWTH.
- G. ONCE THE WASTEWATER SYSTEM IS INSTALLED AND REVIEWED, THE AREA, INCLUDING THE EXPANSION AREA, SHALL BE BACKFILLED, FINE GRADED TO SHED SURFACE WATER PER THE APPROVED PLAN, FENCED AND SEEDED WITHIN SEVEN DAYS. THE AREA GRASS SHALL BE MAINTAINED BY MOWING AND BY ADDING TOPSOIL AND SEED AS NECESSARY TO ESTABLISH A VIGOROUS GROWTH.
- H. IF A FARM TILE OR OTHER MEANS OF SUBSURFACE WATER MOVEMENT IS ENCOUNTERED DURING THE SITE EXCAVATIONS, IT SHALL BE PIPED AROUND THE DISTURBANCE TO ALLOW FOR THE FREE FLOW OF WATER. IN NO CASE SHALL IT BE PLOUGED OR LEFT IN A DAMAGED CONDITION.
- I. SITE IMPROVEMENTS SHALL NOT BE CONDUCTED UNDER ADVERSE WEATHER OR SOIL CONDITIONS THAT ARE NOT CONSISTENT WITH SITE CONDITIONS/TEST RESULTS AS DESCRIBED ON THE APPROVED PLAN. THE SYSTEM SHALL NOT BE INSTALLED BEFORE THE BUILDING IS BASICALLY COMPLETE. THE INSTALLATION SHALL OCCUR BEFORE THE WINTER MONTHS.
- J. SITE SWALES TO EXISTING DRAINAGE PATTERNS AS SHOWN ARE AN ESSENTIAL PART OF THE SITE IMPROVEMENTS AND THE ULTIMATE FUNCTIONING OF THE WASTEWATER TREATMENT SYSTEM. THE SWALES SHALL BE INSTALLED AND STABILIZED ALONG WITH THE INSTALLATION OF THE TREATMENT SYSTEM.
- K. ALL SITE UTILITY SERVICES SHALL BE INSTALLED UNDERGROUND, WHERE POSSIBLE, FROM EXISTING UTILITIES.
- L. THE LOT DEVELOPER SHALL CONTACT THE HIGHWAY SUPERINTENDENT HAVING JURISDICTION OVER THE ROAD FRONTAGE TO BE ACCESSED TO OBTAIN A PERMIT FOR THE DRIVEWAY ACCESS. SENECA POINT ROAD IS A TOWN ROAD.
- M. SILT FENCING IS TO BE PLACED AS DEPICTED ON THE APPROVED PLANS AND MAINTAINED UNTIL A STAGE OF GROWTH IS ESTABLISHED TO KEEP THE GRADATION OF SITE SOILS FROM ENTERING AREA DRAINAGE WAYS. THE EROSION CONTROL FACILITIES SHALL BE REMOVED UPON THE APPROVAL OF THE TOWN CODE ENFORCEMENT OFFICER.
- N. THE BUILDING DESIGNER SHALL CONSIDER THE QUALITY AND QUANTITY OF THE FILL REQUIRED TO ATTAIN THE DESIGN FINISHED GRADES.
- O. UTILITIES SHOWN ARE APPROXIMATE PER SURFACE LOCATIONS OF POLES, ETC. AND THOSE THAT MAY HAVE BEEN PLOTTED FROM RECORD MAPS. ALL UTILITY COMPANIES SHOULD BE CONTACTED FOR EXACT LOCATION OF BURIED UTILITIES PRIOR TO ANY EXCAVATIONS (800-362-7962).
- P. THE BUILDING LOCATION AND SETTINGS ARE SCHEMATIC FOR THE SITE BASED ON PRELIMINARY DISCUSSIONS WITH THE OWNER. THE DESIGN SHOWS WILL ALLOW SEWAGE PRODUCING FACILITIES IN THE BASEMENT WITHOUT PUMPING.
- Q. COACH LIGHTING IS TO BE DARK SKY COMPLIANT.



NOTES: WELLS SHALL HAVE A MINIMUM SUSTAINED YIELD OF 3 GPM OF POTABLE WATER. IT IS RECOMMENDED THAT DRILLING LOGS AND CERTIFIED LAB TESTS OF WATER QUALITY BE SUBMITTED TO THE BUILDING DEPARTMENT WHEN APPLYING FOR A BUILDING PERMIT.

WELL SHALL BE INSTALLED IN CONFORMANCE WITH 10 NYCRR PART 6 APPENDIX 5-B "STANDARDS FOR WATER WELLS", RURAL WATER SUPPLY, LATEST EDITION.

TYPICAL WELL SECTION

(N.T.S.)

SOIL TEST DATA:

PERCOLATION TESTS WERE COMPLETED ON FEBRUARY 5, 2020. DEEP HOLE TEST WAS COMPLETED ON OCTOBER 12, 2021. THESE TESTS WERE CONDUCTED BY GREENE LAND SURVEYING, PLLC.

PERCOLATION TESTS:

TEST	DEPTH (IN.)	TIME (MIN)
N 24	3.7	
S 24	6.9	

DEEP HOLE EXCAVATION:

SOIL STRATA: 0-12" TOPSOIL, 12-24" SANDY CLAY, 24-48" CLAY LOAM, SEEPAGE AT 48". NO MINERAL DEPOSITS OR BED ROCK NOTED.

ONTARIO COUNTY SOIL SURVEY (WEB SOIL SURVEY) 108C - LANSING LOAM, 8-15% SLOPES

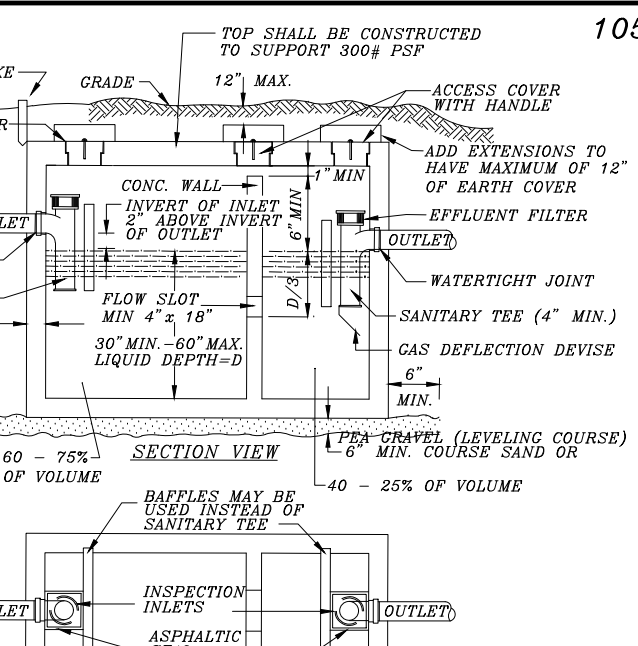
WASTEWATER TREATMENT SYSTEM DESIGN DATA: PERCOLATION RATES IN THE AREA OF THE PROPOSED WASTEWATER TREATMENT SYSTEM WERE 7-9 MINUTES ON THE DATE THE TESTS WERE CONDUCTED. THE SYSTEM IS DESIGNED FOR A MINIMUM PERCOLATION RATE OF 11-15 MINUTES. THE OWNER IS PROPOSING A THREE BEDROOM HOME WITH A FLOW RATE EQUAL TO 450 GALLONS PER DAY, WHICH REQUIRES 381 LINEAL FEET OF DISTRIBUTION LINE WITH A 2'-0" WIDE TRENCH. THE SITE DESIGN SHOWS PROVIDES FOR 5 DISTRIBUTION LINES AT 60' EACH FOR A TOTAL LENGTH OF 300' LINEAL FEET INSTALLED 6' ON CENTER. THE SITE DESIGN INCLUDES A 50% EXPANSION AREA FOR ADDITIONAL LINES IF NECESSARY.

IF WATER SOFTENING EQUIPMENT IS USED IT SHOULD NOT DISCHARGE DIRECTLY TO A CONCRETE SEPTIC TANK.

SCHEDULE OF ELEVATIONS:

LOCATION:	ELEVATION:
FINISHED FLOOR	1119.3
BASEMENT FLOOR	1109.0
HOUSE INVERT	1107.0
SEPTIC TANK OUTLET	1105.6
DROP BOX INLET	1102.5
LINE#	HIGH END INVERT
1	1102.3
2	1101.7
3	1101.1
4	1100.5
5	1099.9

FUTURE EXPANSION AREA



TYPICAL DUAL COMPARTMENT CONCRETE SEPTIC TANK

(N.T.S.)

NOTE:

1. TEES OR BAFFLES SHALL BE PLACED AT ALL INLETS.
2. THE FIRST 6' OF LATERAL PIPE SHALL BE SOLID. (NO PERFORATIONS)
3. ALL OUTLETS SHALL HAVE FLOW REGULATORS.

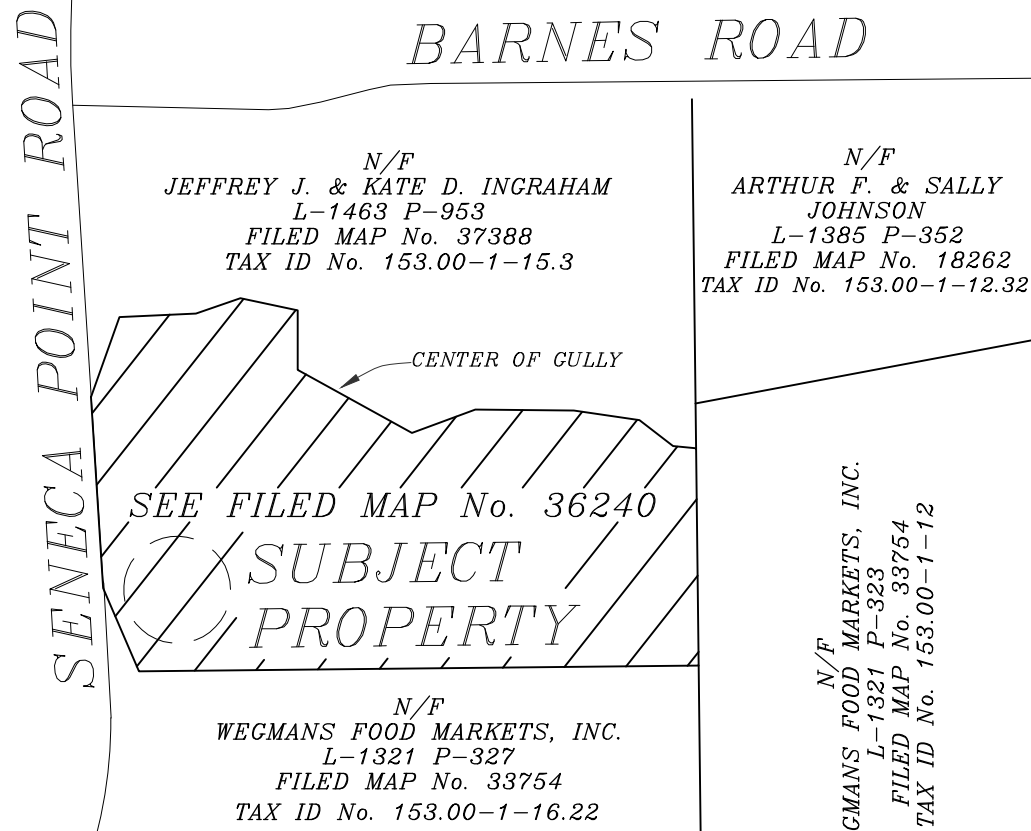
DROP BOX DETAIL

(N.T.S.)

STABILIZED CONSTRUCTION ENTRANCE DETAIL

(N.T.S.)

LOCATION SKETCH TOWN OF CANANDAIGUA (NTS)



SITE DATA:

OWNER/APPLICANT: MARTIN E. & LORI J. GILMORE
5039 SENECA POINT ROAD
CANANDAIGUA, NEW YORK 14242

PROPERTY: 5039 SENECA POINT ROAD
TAX ID No.: 153.00-1-15.22
TOTAL AREA = 13.46 ACRES

ZONING: R-1-30 RESIDENTIAL
LIMITATIONS
AREA 30,000 SF
LOT WIDTH 125 FT
SETBACKS
FRONT 60 FT
REAR 40 FT
SIDE 25 FT

PROJECT NOTES:

ELEVATIONS SHOWN HEREON ARE APPROXIMATELY REFERENCED TO USC & GS QUADRANGLE MAPPING.

PROJECT IN FLOOD ZONE X (NOT IN FLOOD ZONE) PER FEMA COMMUNITY PANEL 38059B 0025C.

NO MAPPED FEDERAL OR STATE WETLANDS WITHIN PROJECT LIMITATIONS.

THE LOT DEVELOPMENT DESIGNS SHOWN ARE SCHEMATIC FOR THE SITE CONDITIONS ENCOUNTERED AT THE TIME THE FIELD WORK AND SOIL TESTS WERE CONDUCTED. THE DESIGNS ARE NOT INTENDED TO IMPOSE UNREALISTIC RESTRICTIONS ON THE LOT DEVELOPMENT OTHER THAN THOSE CONTAINED IN THE TOWN'S SUBDIVISION AND ZONING ORDINANCE REGULATIONS IN EFFECT WHEN THE PLANS WERE APPROVED.

CERTIFICATIONS:

GREENE LAND SURVEYING, PLLC. CERTIFIES THAT THE PLANS ARE BASED ON A TOPOGRAPHIC LOCATION SURVEY PERFORMED ON FEBRUARY 5, 2020. THE PLANS CONFORM TO THE REQUIREMENTS OF THE TOWN ZONING ORDINANCE IN EFFECT THIS DATE. SIGNED:

MICHAEL G. SPONABLE, P.E. 081578 DATE

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