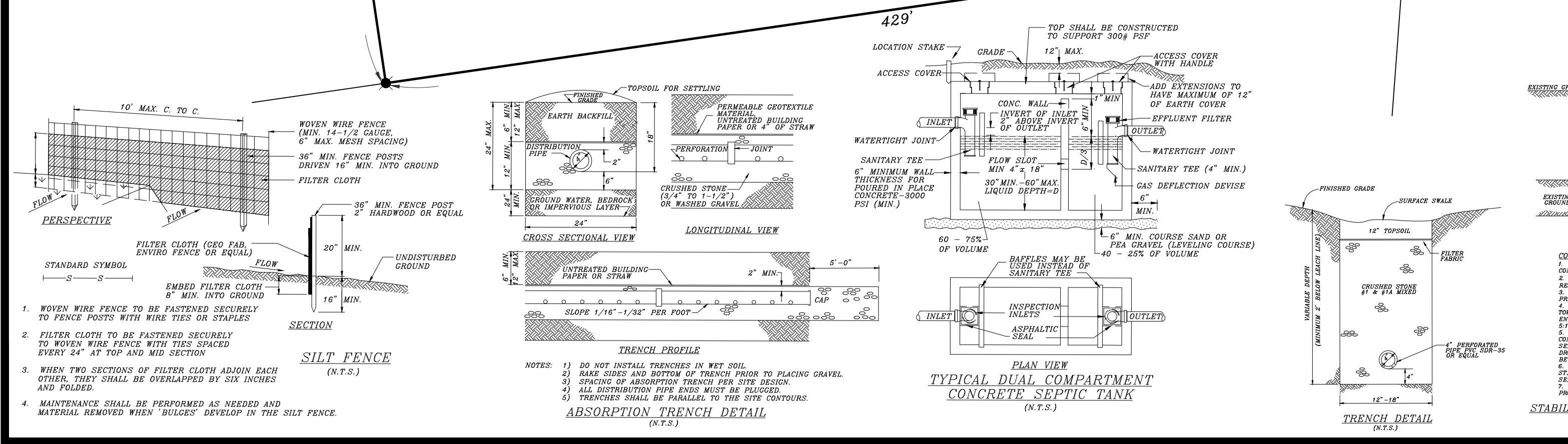


- SPECIFICATIONS LEGEND:**
- BUILDING TO SEPTIC TANK - 4" PVC ASTM-3034, SDR 21 OR SCHEDULE 40. PIPE SHALL BE INSTALLED AT A MINIMUM SLOPE OF 1/4" PER FOOT ON A COMPACTED SUB-BASE WITH A MINIMUM 4" CRUSHED STONE OR SAND ENCASEMENT. THERE SHALL BE NO BENDS IN THE PIPE BETWEEN THE BUILDING AND THE SEPTIC TANK WITHOUT CLEANOUTS.
  - LAUNDRY FACILITIES WASTE SHALL DISCHARGE TO THE SEPTIC TANK. IF A FORCED SYSTEM IS USED, THE DISCHARGE SYSTEM SHALL INCLUDE A CHECK VALVE.
  - SEPTIC TANK SHALL COMPLY WITH SECTION 75-A OF THE CURRENT NYSDOH REGULATIONS. TANK SHALL BE DUAL COMPARTMENT WITH A MINIMUM CAPACITY OF 1750 GALLONS AND A MINIMUM LIQUID SURFACE AREA OF 47 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 SANITARY TEE AT THE TANK OUTLET.
  - THE PIPE FROM THE SEPTIC TANK TO THE DISTRIBUTION 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.
  - DISTRIBUTION BOX SHALL COMPLY WITH SECTION 75-A OF THE NYSDOH REGULATIONS. IT SHALL BE INSTALLED ON 12" LEVELING COURSE OR CRUSHED STONE.
  - 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"
  - 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.
  - WATER SERVICE FROM THE WELL TO THE HOME SHALL BE INSTALLED ACCORDING TO THE DETAIL SHOWN ON THE PLAN.
  - WATER SAVING DEVICES PER CURRENT NYS BUILDING CODE SHALL BE INSTALLED ON ALL FIXTURE UNITS DISCHARGING WASTEWATER TO THE TREATMENT SYSTEM.



- LEGEND:**
- HIGHWAY MONUMENT
  - PIN FOUND
  - PERCOLATION TEST LOCATION
  - DEEP HOLE TEST LOCATION
  - UTILITY POLE
  - COACH LIGHTS (DARK SKY COMPLIANT)
  - PROPOSED TREE
  - PROPOSED WELL

**SCHEDULE OF ELEVATIONS:**

LOCATION:	ELEVATION:
FINISHED FLOOR	1202.0
BASEMENT FLOOR	1193.0
HOUSE INVERT	1196.9
SEPTIC TANK OUTLET	1196.4
DISTRIBUTION BOX INLET	987.8
LINE 1	1197.5
2	1197.1
3	1196.7
4	1196.3
5	1195.9
6	1195.5
FUTURE EXPANSION AREA	

**SOIL TEST DATA:**

PERCOLATION TESTS AND THE DEEP HOLE EXCAVATION WERE COMPLETED ON MAY 1, 2020. THESE TESTS WERE CONDUCTED BY GREENE LAND SURVEYING, PLLC.

**PERCOLATION TESTS:**

TEST	DEPTH (IN.)	TIME (MIN)
D	18	8.14.15
W	18	10.14.14

**DEEP HOLE EXCAVATION:**

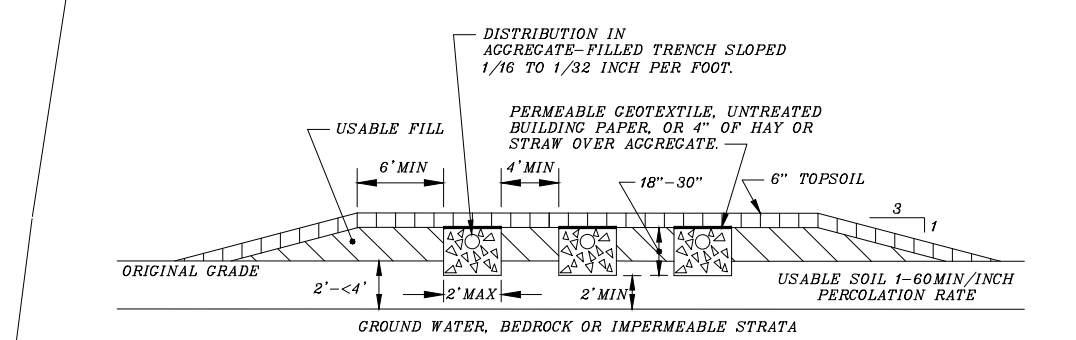
SOIL STRATA: 0-8" TOPSOIL, 8-36" SILTY LOAM WITH CLAY. 36-48" COBBLES WITH SILTY CLAY LOAM. WATER SEEPAGE AT 36". NO MINERAL DEPOSITS OR BED ROCK NOTED.

ONTARIO COUNTY SOIL SURVEY (WEB SOIL SURVEY)  
71B - DARIEN SILT LOAM, 3-8% SLOPES

**WASTEWATER TREATMENT SYSTEM DESIGN DATA:**

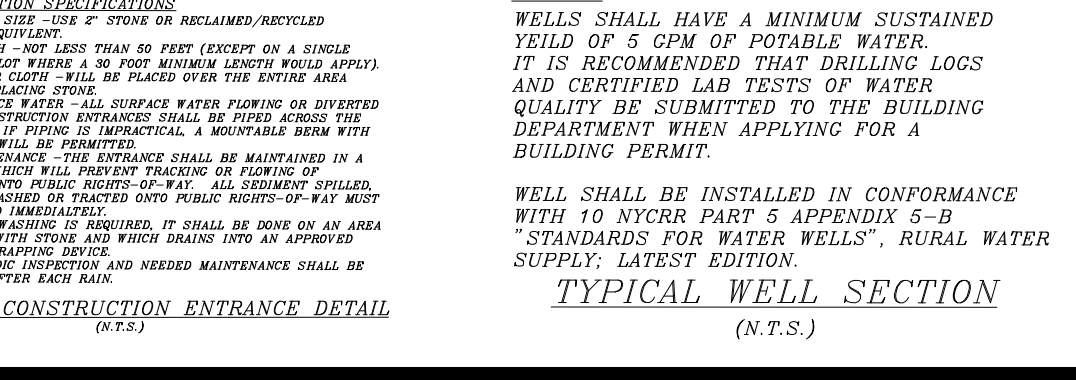
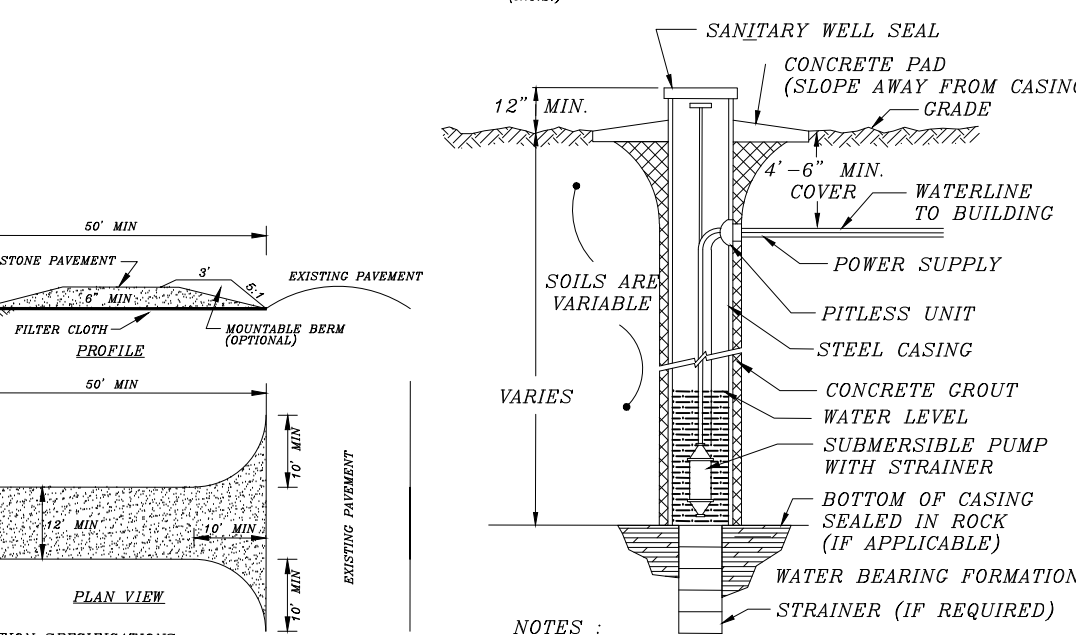
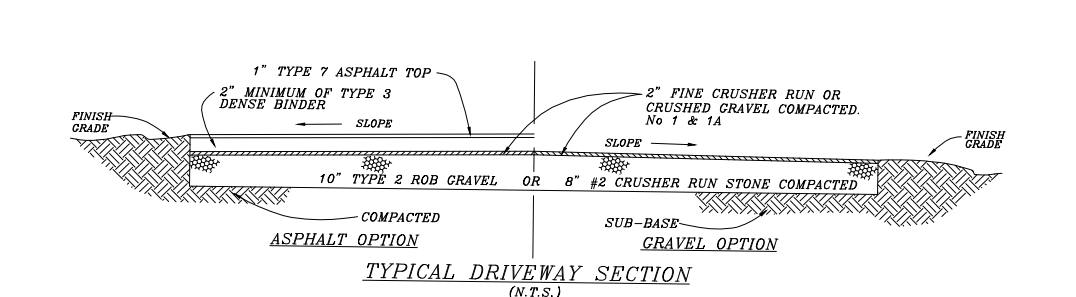
PERCOLATION RATES IN THE AREA OF THE PROPOSED WASTEWATER TREATMENT SYSTEM WERE 14-15 MINUTES IN THE DATE THE TESTS WERE CONDUCTED. THE SYSTEM IS DESIGNED FOR A MINIMUM PERCOLATION RATE OF 16-20 MINUTES. THE OWNER IS PROPOSING A THREE BEDROOM HOME WITH A FLOW RATE EQUAL TO 450 GALLONS PER DAY, WHICH REQUIRES 324 LINEAL FEET OF DISTRIBUTION LINE WITH A 2'-0" WIDE TRENCH. THE SITE DESIGN SHOWN PROVIDES FOR 6 DISTRIBUTION LINES AT 60' EACH FOR A TOTAL LENGTH OF 360 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.



- NOTES:**
- BOTTOM OF ALL TRENCHES SHALL NOT BE ABOVE ORIGINAL USABLE SOIL AND TRENCHES SHOULD PREFERABLY BE AT LEAST 6" BELOW ORIGINAL GRADE.
  - USABLE FILL SHOULD HAVE A PERCOLATION RATE SIMILAR TO BUT NOT EXCEED THAT OF THE USABLE SOIL PERCOLATION RATE.
  - MAXIMUM DEPTH OF USABLE FILL PLUS SIX INCHES OF TOPSOIL SHALL NOT EXCEED 18" (4.5').
  - TRENCH BOTTOMS SHALL BE LEVEL. TRENCHES SHALL BE PARALLEL TO ONE ANOTHER.
  - ON SLOPED SITES, A DIVERSION DITCH SHALL BE CONSTRUCTED UPHILL FROM THE FILL TO PREVENT SURFACE RUNOFF FROM ENTERING TRENCHES.
  - FILL SHALL EXTEND AT LEAST SIX FEET BEYOND ENDS OF TRENCHES.
  - HEAVY EQUIPMENT SHALL BE KEPT OUT OF THE ABSORPTION AREA.
  - FILL MATERIAL IS TO BE PLACED CAREFULLY WITHIN ABSORPTION AREA.

**SHALLOW ABSORPTION TRENCH SYSTEM (NTS)**



**NOI NOTICE**

THE OPERATOR OF THE CONSTRUCTION ACTIVITY COULD BE SUBJECT TO THE PHASE II REGULATIONS UNDER THE SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (GP-0-15-002). IF ESTABLISHED THRESHOLDS ARE EXCEEDED, THE OPERATOR MUST FILE A COMPLETED NOTICE OF INTENT (NOI) WITH THE NEW YORK STATE DEPARTMENT OF CONSERVATION (NYSDEC) BEFORE CONSTRUCTION BEGINS. THE SITE DEVELOPER SHOULD MAINTAIN THE FOLLOWING CONSTRUCTION SEQUENCE:

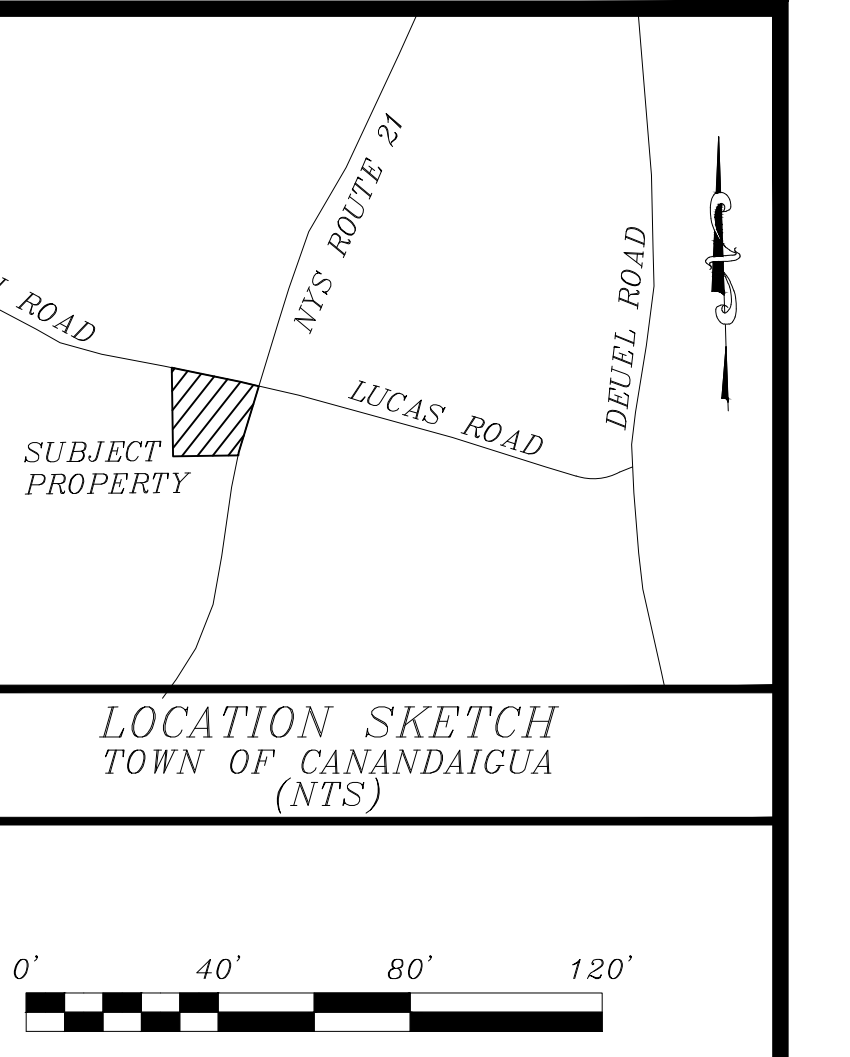
**GENERAL CONSTRUCTION SEQUENCE:**

- INSTALL TEMPORARY PERIMETER EROSION CONTROL STRUCTURES, INCLUDING STABILIZED CONSTRUCTION ENTRANCE, ALL EROSION AND SEDIMENT CONTROL METHODS ARE TO BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- STRIP TOPSOIL, STOCKPILE, AND SEED IF MATERIAL IS TO REMAIN FOR MORE THAN 14 DAYS BEFORE IT IS FINAL GRADED, WITH PROTECTION PROVIDED (SILT FENCE).
- GRADE SITE AND INSTALL ADDITIONAL INTERIOR EROSION CONTROL STRUCTURES.
- INSTALL SITE IMPROVEMENTS.
- SEED ALL DISTURBED AREAS WITHIN 14 DAYS.
- LEAVE ALL EROSION CONTROL MEASURES UNTIL REMOVAL IS APPROVED BY TOWN.

THE CONTRACTOR SHALL KEEP PAVED SURFACES CLEAN OF MUD AND DEBRIS AT ALL TIMES. IF REQUIRED, THE CONTRACTOR SHALL PROVIDE ADDITIONAL TEMPORARY EROSION CONTROL MEASURES, AT THE EXPENSE OF THE CONTRACTOR OR OWNER, TO PREVENT SILTATION OF DOWNSTREAM PROPERTIES. IN THE EVENT THERE IS A FAILURE OF AN EROSION CONTROL DEVICES, THE CONTRACTOR AND OWNER ARE RESPONSIBLE TO RESTORE DOWNSTREAM AREAS AT THEIR EXPENSE.

**PLAN NOTES:**

- 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.
- THE FOLLOWING MINIMUM DISTANCE APPLY TO THIS PROJECT:
  - BUILDING TO SEPTIC TANK - 10'
  - BUILDING TO DISTRIBUTION LINE - 20'
  - DISTRIBUTION LINE TO PROPERTY LINE - 10'
  - WATERSERVICE TO DISTRIBUTION LINE - 10'
  - WELL TO WASTEWATER DISPOSAL SYSTEM - 150' MINIMUM
  - DISTRIBUTION LINE TO EDGE OF DRIVEWAY - 10'
- 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.
- 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.
- THE AREA TO BE USED FOR THE WASTEWATER TREATMENT SYSTEM SHALL NOT BE USED FOR PARKING OF 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. 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.
- 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 AMBLE NOTICE TO THE DESIGN PROFESSIONAL FOR AN ON SITE REVIEW.
- 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 SEED WITHIN SEVEN DAYS. THE AREA GRASS SHALL BE MAINTAINED BY MOWING AND BY ADDING TOPSOIL AND SEED AS NECESSARY TO ESTABLISH A VIGOROUS GROWTH.
- IF A FARM FILL 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 PLUGGED OR LEFT IN A DAMAGED CONDITION.
- 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.
- 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.
- ALL SITE UTILITY SERVICES SHALL BE INSTALLED UNDERGROUND, WHERE POSSIBLE, FROM EXISTING UTILITIES.
- 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. SMITH ROAD IS A TOWN ROAD.
- SILT FENCING IS TO BE PLACED AS DEPICTED ON THE APPROVED PLANS AND MAINTAINED UNTIL A STAND OF GROWTH IS ESTABLISHED TO KEEP THE MIGRATION OF SITE SOILS FROM ENTERING AREA DRAINAGE WAYS. THE EROSION CONTROL FACILITIES SHALL BE REMOVED UPON THE APPROVAL OF THE TOWN CODE ENFORCEMENT OFFICER.
- THE BUILDING DESIGNER SHALL CONSIDER THE QUALITY AND QUANTITY OF THE FILL REQUIRED TO ATTAIN THE DESIGN FINISHED FLOOR GRADES.
- UTILITIES SHOWN ARE APPROXIMATE PER SURFACE LOCATIONS OF POLES, ETC. AND THOSE THAT ARE NOT PLANNED SHALL BE PLOTTED FROM RECORD MAPS. ALL UTILITY COMPANIES SHOULD BE CONTACTED FOR EXACT LOCATION OF BURIED UTILITIES PRIOR TO ANY EXCAVATIONS (800-962-7962).
- THE BUILDING LOCATION AND SETTINGS ARE SCHEMATIC FOR THE SITE BASED ON PRELIMINARY DISCUSSIONS WITH THE OWNER. THE DESIGN SHOWN WILL NOT ALLOW SEWAGE PRODUCING FACILITIES IN THE BASEMENT WITHOUT PUMPING.
- COACH LIGHTING IS TO BE DARK SKY COMPLIANT.



**PHOSPHOROUS NOTE:**

NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND THE SOIL TESTS SPECIFICALLY INDICATE A PHOSPHOROUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS AND PLANTINGS FROM ESTABLISHING PROPERLY.

**FARMING NOTE:**

IT SHOULD BE STATED THAT THIS PROPERTY IS IN PROXIMITY TO AN ONTARIO COUNTY AGRICULTURAL DISTRICT. RESIDENTS SHOULD BE AWARE THAT SUCH FARM OPERATIONS MAY GENERATE DUST, ODOR, SMOKE, NOISE, VIBRATION, AND OTHER ACTIVITIES WHICH MAY NOT BE COMPATIBLE WITH RESIDENTIAL USE.

**ACCESS SIGHT DISTANCE:**

THE MINIMUM SAFE STOPPING DISTANCE RECOMMENDED AT THE PROPOSED DRIVEWAY ENTRANCE PER AASHTO WITH A SPEED LIMIT OF 55 MPH IS = 450 FEET. THE SIGHT DISTANCES LISTED WERE FIELD MEASURED AS FOLLOWS: EAST = 490 FEET WEST = 490 FEET

**THE DRIVEWAY FOR A MINIMUM DISTANCE OF 35 FEET OFF THE PROPOSED DRIVEWAY ENTRANCE SHALL BE AT A MAXIMUM GRADE OF 3%. THEREAFTER THE DRIVEWAY GRADE SHALL NOT EXCEED 10%.**

**SITE DATA:**

OWNER: THE FOWLER FAMILY TRUST  
6176 HUNTERS DRIVE  
FARMINGTON, NEW YORK 14425

APPLICANT: ERIC & BRIANNE JENNISON  
3669 MIDDLE CHESHIRE ROAD  
CANANDAIGUA, NEW YORK 14424

PROPERTY: SMITH ROAD  
TAX ID No. 139.00-1-12.115  
TOTAL AREA = 6.66 ACRES

**ZONING: R-1-30 RESIDENTIAL**

**LIMITATIONS REQUIRED:**

AREA	30,000 SF
LOT WIDTH <td>125 FT</td>	125 FT
SETBACKS <td></td>	
FRONT <td>60 FT</td>	60 FT
REAR <td>40 FT</td>	40 FT
SIDE <td>25 FT</td>	25 FT

**PROJECT NOTES:**

ELEVATIONS SHOWN HEREON ARE APPROXIMATELY REFERENCED TO USC & GS QUADRANGLE MAPPING/NAVD 88.

PROJECT IN FLOOD ZONE X (NOT IN FLOOD ZONE) PER FEMA COMMUNITY PANEL 360598 0025C.

NO MAPPED FEDERAL OR STATE WETLANDS WITHIN PROJECT LIMITS.

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 TOPOGRAPHICAL LOCATION SURVEY PERFORMED ON MAY 7, 2020. THE PLANS CONFORM TO THE REQUIREMENTS OF THE TOWN ZONING ORDINANCE IN EFFECT THIS DATE. SIGNED:

MICHAEL G. SPONABLE, P.E. 081578 DATE

PLANNING BOARD CHAIRPERSON				DATE			
DATE	REVISION	BY	REASON	DATE	REVISION	BY	REASON
4	XXXX			XX/XX/XX			
3	XXXX			XX/XX/XX			
2	XXXX			XX/XX/XX			
1	XXXX			XX/XX/XX			

FINAL PLAN OF LAND TO BE DEVELOPED BY <b>ERIC &amp; BRIANNE JENNISON</b>			
SMITH ROAD IN TOWN OF CANANDAIGUA ONTARIO COUNTY NEW YORK MAY 11, 2020 JOB No. 20-5400			
GREENE LAND SURVEYING, PLLC. 315-331-9999 403 EAST MILLER STREET, NEWARK, NY 14513			