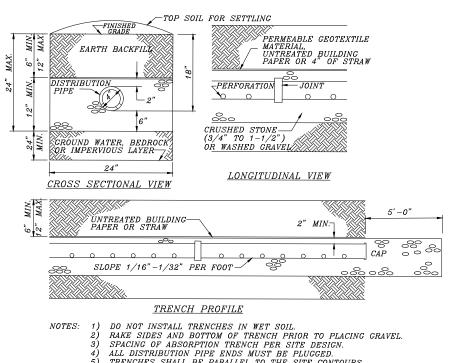
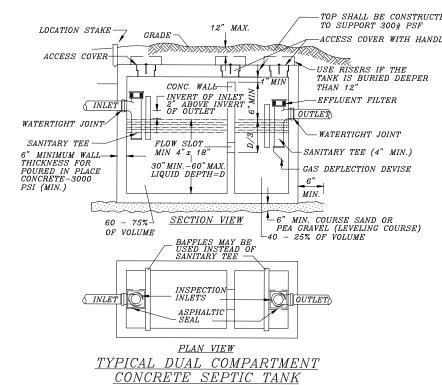
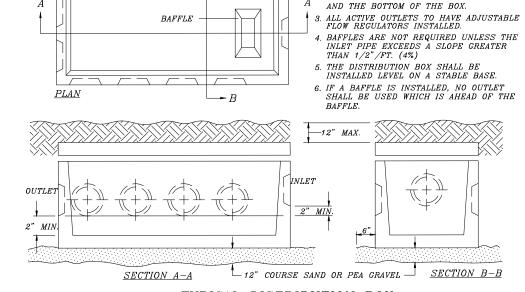
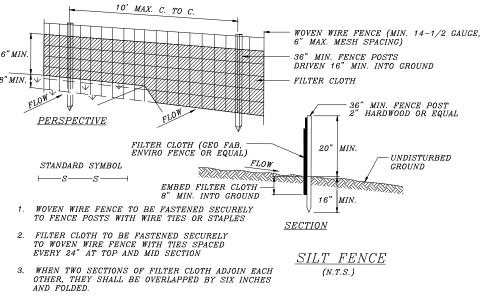
LAURIE PAGE L-905 P-174TOP SOIL FOR SETTLING EARTH BACKFILL TAX MAP No. 63110-00-846781 $S 81^{\circ}07'00" E$ *515.00*' CROSS SECTIONAL VIEW NTREATED BUILD. PAPER OR STRAW TRENCH PROFILE 4) ALL DISTRIBUTION PIPE ENDS MUST BE PLUCGED. 5) TRENCHES SHALL BE PARALLEL TO THE SITE CONTOURS ABSORPTION TRENCH DETAIL 60 - 75% SECTION VIEW OF VOLUME PLAN VIEW SCHEDULE OF ELEVATIONS: ELEVATION FINISHED FLOOR % <u>₹</u> ≥ HOUSE INVERT 532.7 SEPTIC TANK OUTLE'S DISTRIBUTION BOX INLET 532.1 1 THE TOP OF THE DISTRIBUTION BO SHALL NOT BE MORE THAN 12" BELOW FINISHED CRADE. HIGH END INVERT 2. THERE SHALL BE A MINIMUM 2 530.7 FUTURE EXPANSION AREA -EMERGENC N 81°<u>07'0</u>0" W 445.00° THOMAS E. KING ALLEN W. DIBBLE L-770 P-597L-866 P-474TAX MAP No. 63110-00-858669 TAX MAP No. 63110-00-871669 SOIL TEST DATA PERCOLATION TESTS WERE COMPLETED ON MARCH 25, 2019. THE DEEP HOLE EXCAVATION WAS COMPLETED ON APRIL 25, 2019. THESE TESTS WERE CONDUCTED BY GREENE LAND SURVEYING, PLLC. PERCOLATION TESTS TEST DEPTH (IN,) TIME (MIN) 3.5.5 11,9,12 3.5.5 SECTION A-A DEEP HOLE EXCAVATION TYPICAL DISTRIBUTION BOX SOIL STRATA: 0-11" TOPSOIL, 11-36" SANDY GRAVEL WITH LITTLE SILT, 36-56" GRAVELLY FINE SANDY LOAM. WATER AT 37" NO MINERAL DEPOSITS OR BED ROCK NOTED. (N.T.S.)WAYNE COUNTY SOIL SURVEY PLATE #3, OnB - ONTARIO GRAVELLY LOAM (3-8% SLOPES) 10' MAX. C. TO C. WASTEWATER TREATMENT SYSTEM DESIGN DATA: PERCOLATION RATES IN THE AREA OF THE PROPOSED WASTEWATER TREATMENT SYSTEM WERE 5-12 MINUTES ON 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 330 GALLONS PER DAY, WHICH REQUIRES 275 LINEAL FEET OF DISTRIBUTION LINE WITH A 2'-0" WIDE TRENCH. THE SITE DESIGN SHOWN 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. <u>PERSPECTIVE</u> <u>SPECIFICATIONS LEGEND</u>: 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 ENCASEMENT. THERE SHALL BE NO BENDS IN THE PIPE BETWEEN THE BUILDING AND STANDARD SYMBOL THE SEPTIC TANK WITHOUT A CLEAN OUT. EMBED FILTER CLOTH 8" MIN. INTO GROUND 2) LAUNDRY FACILITIES WASTE SHALL DISCHARGE TO THE SEPTIC TANK. IF A FORCED SYSTEM IS USED, THE DISCHARGE SYSTEM SHALL INCLUDE A CHECK 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES R) SEPTIC TANK SHALL COMPLY WITH SECTION 75-A OF THE CURRENT NYSDOH REGULATIONS. TANK SHALL BE DUAL COMPARTMENT WITH A CAPACITY OF 1250 TO WOVEN WIRE FENCE WITH TIES SPACED CALLONS 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 EVERY 24" AT TOP AND MID SECTION RECOMMENDED. THE SEPTIC TANK IS NOT SIZED FOR A JACUZZI STYLE TUB. AN EFFLUENT FILTER SHALL BE PLACED AT THE SANITARY TEE AT THE TANK 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. (4.) 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 REQUIREMENTS FOOT. ALL PIPES IN THE SYSTEM SHALL BE PROPERLY ENCASED IN SAND BEFORE BACKFILLING. 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AN MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE. (5.) DISTRIBUTION BOX SHALL COMPLY WITH SECTION 75-A OF THE NYSDOH REGULATIONS. IT SHALL BE INSTALLED ON 12" LEVELING COURSE OR CRUSHED 1 - OVERHEAD WIRES 629 WATERMAIN (APPROXIMATE) (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 1" TYPE 7 ASPHALT TOP --530 TURNER) ROAL 2" MINIMUM OF TYPE 3 DENSE BINDER DETAIL. IF CHAMBER INFILTRATORS ARE USED, THEY 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 --70.00'-(66' WIDE) BE DEVELOPED. STORMWATER DISCHARGES SHALL NOT BE CONNECTED TO THE TREATMENT SYSTEM. ROOF DROPS SHALL DISCHARGE TO SPLASH BLOCKS. N 81°07′00" W (8.) WATER SERVICE FROM THE MAIN TO THE ROW SHALL BE A MINIMUM SIZE OF 1" POLYETHYLENE TUBING PE4710 (CTS), ASTM-D3737. SERVICE TO THE HOME CAN BE A MINIMUM OF 1.5" POLYETHYLENE TUBING PE4710 (CTS), ASTM-D3737 PER PLAN NOTES. SERVICE INSTALLATIONS SHALL BE MADE IN ACCORDANCE WITH THE WAYNE COUNTY WATER & SEWER AUTHORITY REGULATIONS AND ANY PERMIT CONDITIONS ESTABLISHED. WATER SERVICES SHALL INCLUDE <u>ASPHALT OPTION</u> A METER, METER PIT, PRESSURE REGULATOR, AND A CHECK VALVE IN THE HOME.

9. WATER SAVING DEVICES PER CURRENT NYS BUILDING CODE SHALL BE INSTALLED ON ALL FIXTURE UNITS DISCHARGING WASTEWATER TO THE TREATMENT









ALLOW SEWAGE PRODUCING FACILITIES IN THE BASEMENT WITHOUT PUMPING. 2" FINE CRUSHER RUN OR CRUSHED GRAVEL COMPACTED. No 1 & 1A 8" #2 CRUSHER RUN STONE COMPACTED SUB-BASE-<u>GRAVEL OPTION</u> TYPICAL DRIVEWAY SECTION

SUBJECTPROPERTY→ PERCOLATION TEST *LOCATION SKETCH* TOWN OF MACEDON

WCWSA STANDARD NOTES:

WATER SERVICE INSTALLATIONS SHALL BE MADE IN ACCORDANCE WITH WAYNE COUNTY WATER AND SEWER AUTHORITY RULES, REGULATIONS AND PROCEDURES GOVERNING SERVICE LINE AND METER INSTALLATIONS. WATER SERVICE SHALL NOT BE INSTALLED WITHIN TEN (10) FEET OF ANY PORTION OF A LEACH SYSTEM OR ANY RELATED APPURTENANCES.

LEGEND:

C PIPE FOUND

● PIN FOUND

 \bigcirc UTILITY POLE

□ DEEP HOLE TEST

MINIMUM ALLOWABLE WATER SERVICE PIPE DIAMETER IS ONE (1) INCH. WATER SERVICE MATERIALS MAY CONSIST OF: HIGH DENSITY POLYETHYLENE TUBING CLASSIFIED AS PE 3308 OR PE 4710 WITH 200 PSI PRESSURE RATING AND YIELDING THE SAME OUTER DIAMETER (OD) AS COPPER TUBING OR BE STAMPED CTS (COPPER TUBE

TYPE K COPPER TUBING ONLY COMPRESSION FITTINGS PERMISSIBLE WITH COPPER TUBING. ONLY COMPRESSION FITTINGS PERMISSIBLE WITH STAINLESS STEEL INSERTS FOR POLYETHYLENE TUBING. WATER SERVICES SHALL BE INSTALLED WITH A MINIMUM OF FOUR AND ONE

HALF (41/2') FEET OF COVER. NOTIFY DIG SAFELY NEW YORK A MINIMUM OF TWO (2) BUSINESS DAYS IN ADVANCE OF DIGGING BY CALLING 1-800-962-7962.

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

- B. THE FOLLOWING MINIMUM DISTANCE APPLY TO THIS PROJECT:
- 1. BUILDING TO SEPTIC TANK 10' 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 (NOT INCLUDED) 6. DISTRIBUTION LINE TO EDGE OF DRIVEWAY - 10'

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 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 ADDING FILL MATERIAL (LESS SOD) PER GRADING PLAN. FILL MATERIAL SHALL RE PLACED ON THE TREATMENT AREA AS ONE OF THE FIR OPERATIONS TO ALLOW NATURAL SETTLEMENT BEFORE THE DISTRIBUTION LINES ARE INSTALLED. 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 IN THE VIRGIN GROUND AS OUTLINED ON THE LOT ELEVATION SCHEDULE AND AS SHALLOW AS POSSIBLE

F. THE WASTEWATER TREATMENT INSTALLATION SHALL ALSO BE REVIEWED AND MAPPED BY A LICENSED DESIGN PROFESSIONAL AND/OR THE TOWN BEFORE IT IS BACKFILLED. 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 AFTER THE REVIEW AND CERTIFICATION, SUCH CERTIFICATION SHALL BE VOID. THE INSTALLER SHALL GIVE AMPLE NOTICE TO THE DESIGN PROFESSIONAL AND/OR THE TOWN FOR AN ON SITE

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

PLUGGED OR LEFT IN A DAMAGED CONDITION. NO FARM TILES WERE FOUND DURING THE SOIL TESTS. 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

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

I. 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.

BEFORE THE WINTER MONTHS.

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. TURNER ROAD IS A TOWN ROAD.

M. SILT FENCE SHALL BE PLACED IN ALL SWALE LINES 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. N. THE BUILDING DESIGNER SHALL CONSIDER THE QUALITY AND QUANTITY OF THE FILL REQUIRED TO ATTAIN THE DESIGN FINISHED FLOOR GRADES.

D. 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 (800-962-7962).

P. THE BUILDING LOCATION AND SETTINGS ARE SCHEMATIC FOR THE SITE BASED ON PRELIMINARY DISCUSSIONS WITH THE OWNER. THE DESIGN SHOWN WILL NOT

STAMPED SURVEYOR'S SEAL

2019 GREENE LAND SURVEYIN

ONLY IF IT IS COMPLETE AND INTACT, HAS AN ORIGINAL SIGNATURE AND DATE, AND HAS THE

ORIGINAL EMBOSSED OR COLORED (NOT BLACK)

(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: 1. INSTALL TEMPORARY PERIMETER EROSION CONTROL

- STRIP TOPSOIL, STOCKPILE, AND SEED IF MATERIAL IS TO REMAIN FOR MORE THAN SEVEN (7) DAYS BEFORE IT IS FINAL GRADED, WITH PROTECTION PROVIDED $(SILT\ FENCE).$ GRADE SITE AND INSTALL ADDITIONAL INTERIOR
- EROSION CONTROL STRUCTURES. INSTALL SITE IMPROVEMENTS.

STRUCTURES

SEED ALL DISTURBED AREAS WITHIN SEVEN (7) DAYS. LEAVE ALL EROSION CONTROL MEASURES UNTIL REMOVAL IS APPROVED BY TOWN.

THE MINIMUM SAFE STOPPING DISTANCE RECOMMENDED AT THE PROPOSED DRIVEWAY ENTRANCE PER AASHTO WITH A SPEED LIMIT OF 35MPH IS = 225 FEET. THE SIGHT DISTANCES LISTED WERE FIELD MEASURED AS FOLLOWS: $EAST = 314 \pm FEET$ WEST > 1000 FEET

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

SITE DATA:

OWNER: DARREN E. HITCHCOCK HASTINGS LAN

ROCHESTER, NEW YORK 14614 PROPERTY: 680 TURNER ROAD

TAX ID No.: 63110-00-852700 TOTAL AREA = 7.75 ACRES

REFERENCE: FILED MAP No. 32458

REQUIRED LOT WIDTH 150 FT SETBACKS 60 FT 40 FT

<u>APPROVALS:</u>

SIDE

 \overline{DATE} PLANNING BOARD CHAIRPERSON \overline{DATE} TOWN ENGINEER

25 FT

<u>PROJECT NOTES</u>:

HIGHWAY SUPERINTENDENT

ELEVATIONS SHOWN HEREON ARE APPROXIMATELY

REFERENCED TO USC & GS QUADRANGLE MAPPING/ NAVD 88. 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.

DATE

GREENE LAND SURVEYING, PLLC. CERTIFIES THAT THE PLANS ARE BASED ON A TOPOGRAPHIC LOCATION SURVEY AND SOIL TESTS PERFORMED DECEMBER 12, 2018. THE PLANS CONFORM TO THE REQUIREMENTS OF THE TOWN ZONING ORDINANCE IN EFFECT THIS DATE. SIGNED:

MICHAEL G. SPONABLE, P.E. 081578 DATE

PLAN OF LAND TO BE DEVELOPED BY DARREN E. HITCHCOCK 680 TURNER ROAD TOWN OF MACEDON *WAYNE COUNTY* NEW YORKDECEMBER 2, 2019 JOB No. 18-4845 GREENE LAND SURVEYING, PLLC. 315-331-3999