

SEPTIC SYSTEM DESIGN DATA

DESIGN DATA: BAGAHT SUBDIVISION LOT 1
DEEP HOLE WORK (12/3/21)
BY SCOTT DEHOLLANDER WITH CANANDAIGUA LAKE WATERSHED INSPECTOR
0-10 TOPSOIL
10-39" REDDISH BROWN SILTY LOAM W/ 1-6" GRAVEL DRY (20% BY VOLUME)
39-48" LIGHT BROWN DRY SILTY LOAM W/ 1-6" GRAVEL DRY (20% BY VOLUME)
48-78" LIGHT BROWN DRY SILTY LOAM W/ 1-6" GRAVEL (20% BY VOLUME)
ROOTS TO 44"
NO SEEPAGE
NO ROCK

PERC TEST RESULTS (12/3/21)
BY SCOTT DEHOLLANDER WITH CANANDAIGUA LAKE WATERSHED INSPECTOR
TEST HOLE DEPTH RATE FOR 1" DROP (STABILIZED)
P.H. SOUTH 22" 10 MIN.
P.H. NORTH 22" 5 MIN.

DESIGN DATA - CONVENTIONAL SYSTEM
TRENCH LENGTH IS BASED ON THE PERC RATE OF THE SUBSOIL
DESIGN APPLICATION = 0.90 GAL/SF (8 TO 10 MINS - NYSDOH TABLE 6)

EXAMPLE DESIGN FLOW CALCULATIONS
4 BEDROOM DESIGN = 520 GPD (130 GPD/BEDROOM UTILIZED)

Q = APPLICATION RATE = 0.90 GPD/SQ.FT.;
Q = FOUR BEDROOM DESIGN = 520 GPD;
A = REQUIRED ABSORPTION AREA;
A = Q / Or; A = 520 GPD / 0.90 GPD/SF; A = 580 SQ.FT.
L = A / 2 FT.; L = 580 SQ.FT. / 2 FT.; L = 290 LIN.FT.
* INSTALL FIVE (5) - 60 FOOT LINES = 300 LIN.FT; WITH 1,250 GAL SEPTIC TANK

NOTE: CONSTRUCT A "CONVENTIONAL TRENCH" INSTALL TRENCH BOTT OF LINE 1 AT 18" DEPTH.

THERE SHALL BE NO GARBAGE GRINDERS, HOT TUBS, WATER SOFTENER OR OTHER HIGH VOLUME WATER USING FIXTURES TIED INTO THE SEPTIC SYSTEM

SEPTIC SYSTEM CERTIFICATION

I, SCOTT W. DEHOLLANDER, CERTIFY TO THE NEW YORK STATE DEPARTMENT OF HEALTH THAT THE SOIL PERCOLATION AND DEEP HOLE TESTS DATA SHOWN HEREON WAS OBTAINED BY A QUALIFIED REPRESENTATIVE OF OUR FIRM WHO HAS BEEN PROPERLY TRAINED TO PERFORM AND RECORD THESE TESTS IN ACCORDANCE WITH THE METHODOLOGY OUTLINE IN APPENDIX 75-A (12/1/90), IN THE NEW YORK STATE DEPARTMENT OF HEALTH DESIGN STANDARDS. THE TESTS ACCURATELY REPRESENT THE SOIL CONDITIONS ON THE PROPOSED SITE.
THE PROPOSED SUBSURFACE SEWAGE DISPOSAL SYSTEM(S) HAS (HAVE) BEEN DESIGNED BASED ON THE FIELD TEST DATA AND IS IN STRICT COMPLIANCE WITH NEW YORK STATE DEPARTMENT OF HEALTH INDIVIDUAL HOUSEHOLD SYSTEMS HANDBOOK REFERENCED ABOVE.

SIGNATURE/DAT E
NOTES:

1. THE SOILS INFORMATION PROVIDED ON THIS PLAN MAY NOT BE REPRODUCED OR UTILIZED IN ANY WAY FOR PURPOSES OTHER THAN THE CURRENT ACTION AS REPRESENTED BY SCOTT DEHOLLANDER P.E.
2. ANY INSTALLED SYSTEM MUST BE COMPLETELY BACK-FILLED AND ROUGH GRADED WITHIN 24 HOURS OF INSPECTION AND ACCEPTABILITY BY THE DESIGN ENGINEER.
3. NO SUBSURFACE DISPOSAL SYSTEM WILL BE INSTALLED UNDER ADVERSE WEATHER CONDITIONS.
4. THERE WILL BE NO DRIVING OR PARKING OVER THE AREA OF THE SUBSURFACE DISPOSAL SYSTEM.
5. THE AREA OF THE LEACH FIELD SYSTEM WILL BE FINAL GRADED AND SEEDS AS SOON AS POSSIBLE AFTER CONSTRUCTION TO SHED SURFACE WATER



GENERAL NOTES:

THIS ACTION IS THE PREPARATION OF SITE UTILITIES FOR EXISTING LOT WITH TAX ACCOUNT NUMBER 126.20-1-17.1 TOTALING APPROXIMATELY 0.998 ACRES IN THE TOWN OF CANANDAIGUA, ONTARIO COUNTY, NEW YORK. THE LOT EXCEEDS ALL OF FOLLOWING MINIMUM REQUIREMENTS OF THE TOWN OF CANANDAIGUA RESIDENTIAL R-1-30 ZONING SCHEDULE II LOT AREA, BULK AND COVERAGE REQUIREMENTS:

THESE LOTS ARE LOCATED IN A TOWN LIMITED DEVELOPMENT OVERLAY DISTRICT
MINIMUM LOT SIZE 30,000 SF
MINIMUM LOT DEPTH 125 FEET

MINIMUM BUILDING SETBACKS SHALL BE:
60 FEET FROM THE FRONT
25 FEET FROM ALL SIDES
40 FEET FROM THE REAR PROPERTY LINE

THIS SITE PLAN ADDRESSES THE SITE ACCESS, UTILITY AND GRADING ASPECTS OF THE PROJECT. SEE FINAL PLAT "BAGAHT SUBDIVISION" PREPARED FOR PARCEL BOUNDARY INFORMATION.

DATUM INFORMATION

ALL ELEVATION INFORMATION SHOWN ON THIS PLAN WAS OBTAINED DURING A TOPOGRAPHICAL SURVEY ON AUGUST 2ND 2021 BY GREEN SURVEYING USING GPS METHODS. ELEVATIONS REPRESENT NAD 83

CONSTRUCTION SHALL CONFORM TO THE TOWN OF CANANDAIGUA STANDARDS.

THE PROPOSED LOT WILL BE SERVED POTABLE WATER FROM A CONNECTION TO THE EXISTING MUNICIPAL WATER MAIN LOCATED ALONG WEST LAKE ROAD. THE LOTS ARE LOCATED WITHIN THE EXISTING "WD247" TOWN WATER DISTRICT.

THE SUBJECT SITE IS LOCATED WITHIN A ZONE C AREA ACCORDING TO FEMA COMMUNITY PANEL NUMBER 350607, PANEL NO. 00156, DATED JUNE 1, 1978. AREAS LOCATED IN ZONE C ARE ARE NOT LOCATED WITHIN FLOOD PLAIN AND ARE SUBJECT TO MINIMAL FLOODING.

THE ONTARIO COUNTY SOILS REPORT INDICATES THAT THE SITE SOILS ARE Am ARKPORT TYPE SOILS HAVING A UNIFIED SOILS CLASSIFICATION OF ML AND SM AT THE BUILDINGS PROPOSED FOOTING DEPTH. ACCORDING TO TABLE R401.4.1 OF THE RESIDENTIAL CODE OF NEW YORK STATE THE LOWEST PRESUMPTIVE BEARING CAPACITIES OF THESE SOILS IS 1,500 PSF.

THE DEVELOPMENT AREA IS CLEAR OF ALL MAPPED NYSDEC AND ACOE WETLANDS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL NECESSARY SAFETY PRECAUTIONS AS REQUIRED DURING CONSTRUCTION

THE CONTRACTOR SHALL CONTACT THE UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION (UFPPO), AT LEAST TWO (2) DAYS BUT NOT MORE THAN TEN (10) DAYS PRIOR TO COMMENCING ANY WORK INCLUDING EXCAVATING, DRILLING, ETC. THE PHONE NUMBER FOR UFPPO IS (800) 962-7962.

ALL WORK IS SUBJECT TO OSHA REQUIREMENTS INCLUDING BUT NOT LIMITED TO EXCAVATION WALL SUPPORTING SYSTEMS, APPROPRIATE GEAR, AND EQUIPMENT AND A COMPETENT SUPERVISORY PERSON ON SITE AT ALL TIMES (29 CFR PART 1926 SUBPART P.)

THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES IN THE WORK AREA PRIOR TO BEGINNING ANY WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ALL SERVICES AND OR UTILITY MAINS DAMAGED AS A RESULT OF WORK UNDER THIS PROPOSED ACTION.

THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS OWN EXPENSE FOR PATCHING AND REPAIRING ANY EXISTING MATERIALS AND OR FINISHES DISTURBED BY THE INSTALLATION OF NEW WORK. PATCHING OR REPAIRING SHALL MATCH ADJACENT EXISTING FINISHES.

IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT THE ENGINEER TO RECEIVE CLARIFICATIONS OF THE PROPOSED WORK. COMPLIANCE WITH REQUIRED CONSTRUCTION STANDARDS AND PRACTICES ARE THE CONTRACTORS RESPONSIBILITY AND MAY NOT BE FULLY DETAILED ON THE PLAN.

NORTH IS ILLUSTRATED FOR PLAN SHEET CONVENIENCE AND NOT REPRESENTATIVE OF MAGNETIC NORTH.

ALL WATER SERVICES SHALL BE INSTALLED WITH A MINIMUM OF 10' HORIZONTAL SEPARATION FROM ALL SEWER LATERALS AND FACILITIES.

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW 7209.2 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THESE PLANS IN ANY WAY, IF ALTERED, THE PERSON WHO ALTERED THE PLANS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEW YORK EDUCATION LAW 7209.2

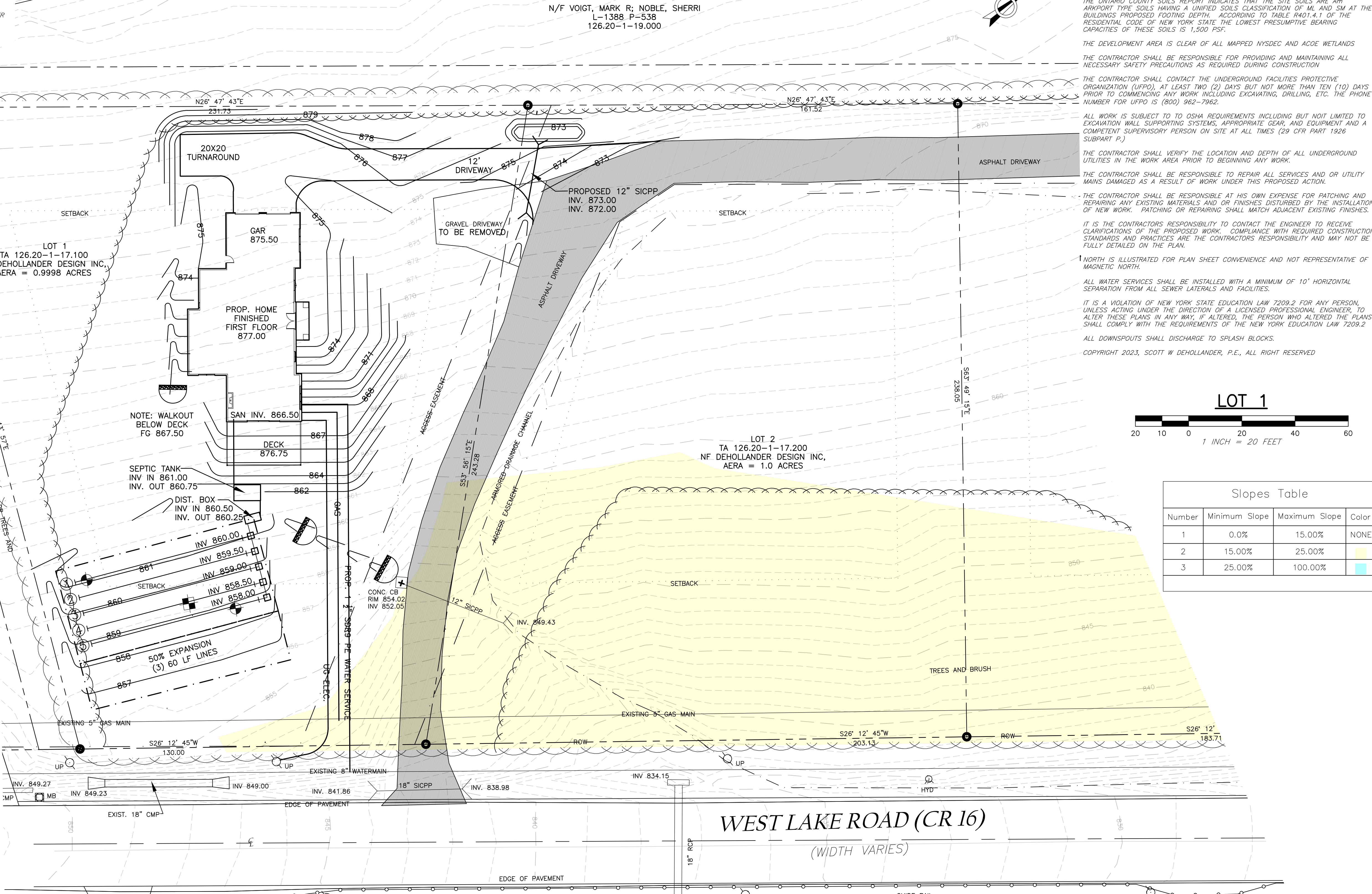
ALL DOWNSPOUTS SHALL DISCHARGE TO SPLASH BLOCKS.

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LEGEND

- NEW FEATURES
- PROPOSED UTILITY (PER LABEL)
 - EXIST CONTOUR
 - PROPOSED PROPERTY LINE
 - EXIST PROPERTY LINE
- SYMBOLS:
- SURVEY CONTROL POINT
 - SURVEY BENCHMARK
 - POST
 - CANIFEROUS SHRUB
 - TREE STUMP
 - DECIDUOUS SHRUB
 - DECIDUOUS TREE
 - CANIFEROUS TREE
 - CONSERVATION EASEMENT
 - SPECIAL BOUNDARY MARKER
 - CONSERVATION EASEMENT
 - STANDARD POST MARKER
 - UTILITY SANITARY MANHOLE
 - UTILITY DRAINAGE MANHOLE
 - UTILITY DRAINAGE CATCHBASIN
 - DOW WATER FIRE HYDRANT WITH WATER VALVE
 - PERC. TEST HOLE LOC.
 - DEEP HOLE LOC.
 - UTILITY POLE
 - SIGN
 - EROSION CONTROL ROCK DAM

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PRACTICING DESIGN DRIVEN DEVELOPMENT
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Phone (585) 259-9609

NO.	REVISIONS	BY	DATE

PLAN APPROVALS

SIGNATURE
TOWN PLANNING BOARD CHAIRPERSON

SIGNATURE
TOWN ENGINEER

PROJECT NAME:
TURNER-FREGOE SITE PLAN
XXX WEST LAKE ROAD
TOWN OF CANANDAIGUA
ONTARIO COUNTY, NEW YORK

PROPERTY OWNER:
PROPERTY OF
DEHOLLANDER DESIGN INC.
7346 DRYER ROAD, VICTOR
ONTARIO COUNTY, NEW YORK

DRAWING TITLE:
FINAL APPLICATION
LOT 1 SITE AND UTILITY PLAN

SCALE: AS NOTED	DES. BY: S. DEHOLLANDER DRN. BY: CADD
PROJECT NO. 000122	CHECKED BY: DATE: 12/2022
SHEET NO. 1	