

DC EHSD NOTES

- The design, construction and installation shall be in accordance with this plan and generally accepted standards in effect at the time of construction which include:
 - Appendix 75-A, Waste Treatment, Individual Household Systems, New York State Sanitary Code.
 - New York State Design Standards for Intermediate Sized Wastewater Treatment System. NYSDEC
 - Residential Onsite Wastewater Treatment Systems, Design Handbook, NY S Dept. of Health.
 - Planning the Subdivision as Part of the Total Environment, NYS Dept. of Health.
 - New York State Dept. of Health & Dutchess County Environmental Health Services Division policies, procedures & standards.
 - Dutchess County & New York State Sanitary Codes.
 - Dutchess County Environmental Services Division Certificate of Approval letter.
- This plan is approved as meeting the appropriate and applied technical standards, guidelines, policies and procedures for arrangement of sewage disposal and treatment and water supply facilities; and as a condition of this approval, a construction inspection by a representative of the DC EHSD shall be done to determine that construction at the time of inspection was completed in general conformance with the approved plans and any amendment thereof.
- Approval of any plan(s) or amendment thereto shall be valid for a period of 5 years from the date of approval. Following the expiration of said approval, the plan(s) shall be re-submitted to the Commissioner of Health for consideration for re-approval. Re-submission or revised submission of plans and/or associated documents shall be subject to compliance with the technical standards, guidelines, policies and procedures in effect at the time of the re-submission.
- The DC EHSD shall be contacted prior to the commencement of the home construction and/or issuance of a building permit for a pre-construction inspection to ensure that the arrangements for water supply and sewage disposal are commenced in accordance with the approved plans and amendments thereto and generally accepted standards.
- All wells and onsite wastewater treatment systems, existing or approved, located within 300' of the proposed well and onsite wastewater treatment system are shown on this plan along with any other environmental hazards in the area that may affect the design and functional ability of the onsite wastewater treatment system and well.
- If the septic tank is delivered to the site in sections, it shall be demonstrated by the contractor to the DC EHSD field inspector and/or design professional that the tank is sealed, watertight and acceptable for use. This shall require as a minimum, filling of the tank with water to observe if it is sealed, watertight and acceptable for use. The tank must also meet any local testing requirements including possible electrical and safety standards.
- All proposed wells and service lines on this plan are accessible for installation and placement.
- No cellar, footing, floor, garage, cooler or roof drains shall be discharged into the onsite wastewater treatment system or within 50' of any well.
- All buildings shall be constructed at an elevation high enough to ensure gravity flow to the onsite wastewater treatment system.
- There shall be no vehicular traffic over the onsite wastewater treatment system. Prior to construction, the area of the system shall be staked out and fenced off.
- Onsite wastewater treatment systems shall not be installed in wet or frozen soil.
- All required Erosion & Sediment Control & Stormwater Pollution Prevention Water Quality & Quality Control structures, permanent and temporary, are shown on the plans.
- The undersigned owners of the property hereon state that they are familiar with this map, its contents and its legends and hereby consent to all said terms and conditions as stated hereon.

DESIGN DATA

Design is based on a 16-20 minute perc.
 Total no. of building occupants & hydraulic rate = 5 occupants @ 15 gpd = 75 gpd
 Application rate for 16-20 minute perc = 0.70
 Flow rate = 75 gpd/0.70 = 107 gpd
 Req'd. area = flow rate (107)/app rate (0.70) = 153 sq. ft. of req'd area
 Absorption trench @ 2 ft. wide = 76.5 lin. ft.
 25% reduction for use of infiltrators = 57.5 lin. ft. of infiltrators req'd.
 Total length of infiltrators provided = 64 lin. ft.
 Size of septic tank = 1,000 gallons

PERC TEST DATA

Perc Test Data
 Perc Tests 7/12/19
 Stabilized time - inch/minutes

PT #1	16 minutes
PT #2	18 minutes
PT #3	18 minutes
PT #4	17 minutes

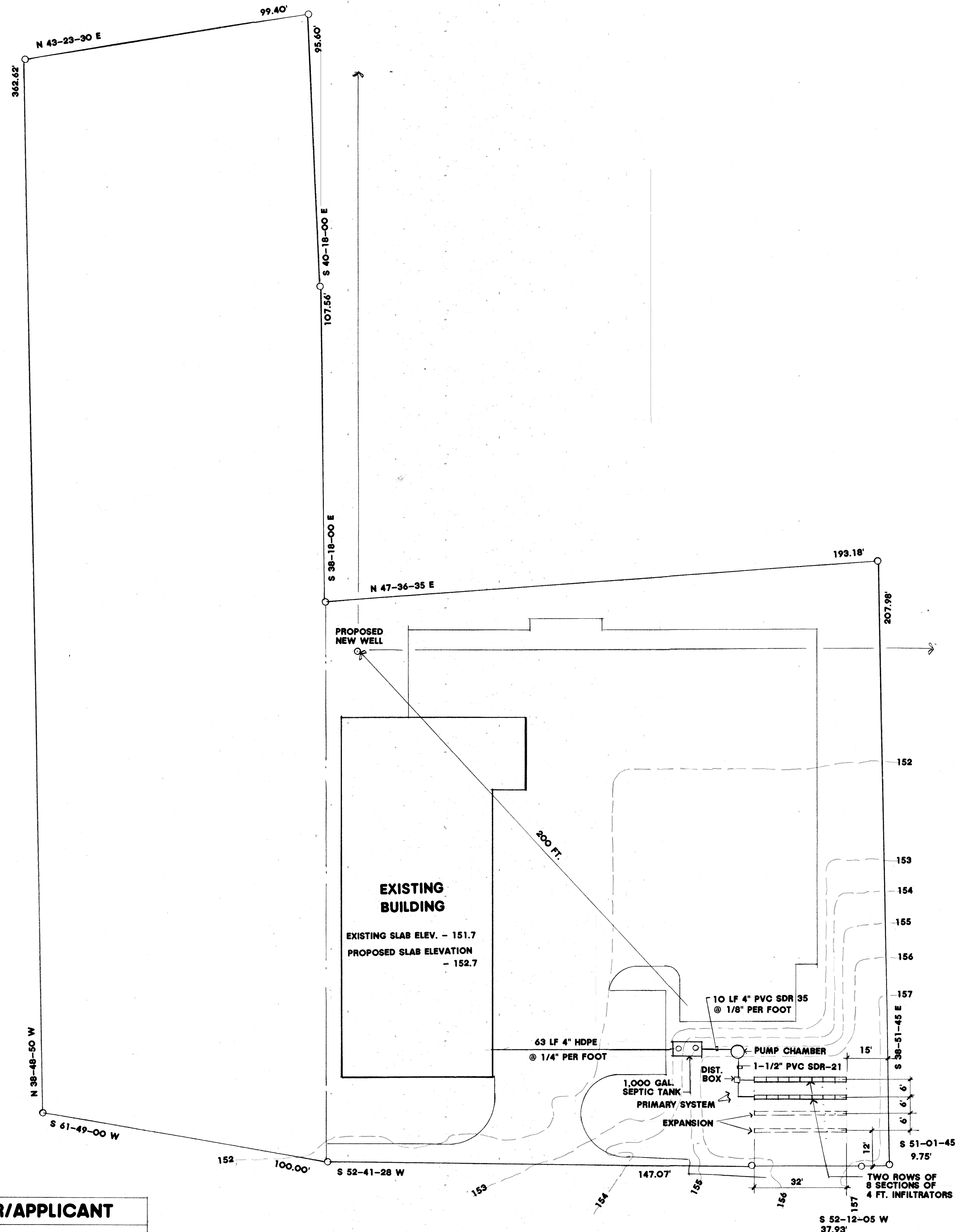
DEEP TEST DATA

Deep Tests - 7/11/19
 w/Dan Keeler

DT #1	7'-2" total depth 2" topsoil Balance silt loam & tight silt
DT #2	7'-0" total depth 18" gravelly loam Balance silt loam & tight silt
DT #3	5'-5" total depth Construction debris & fill material
DT #4	7'-2" total depth 2" topsoil Balance silt loam & tight silt

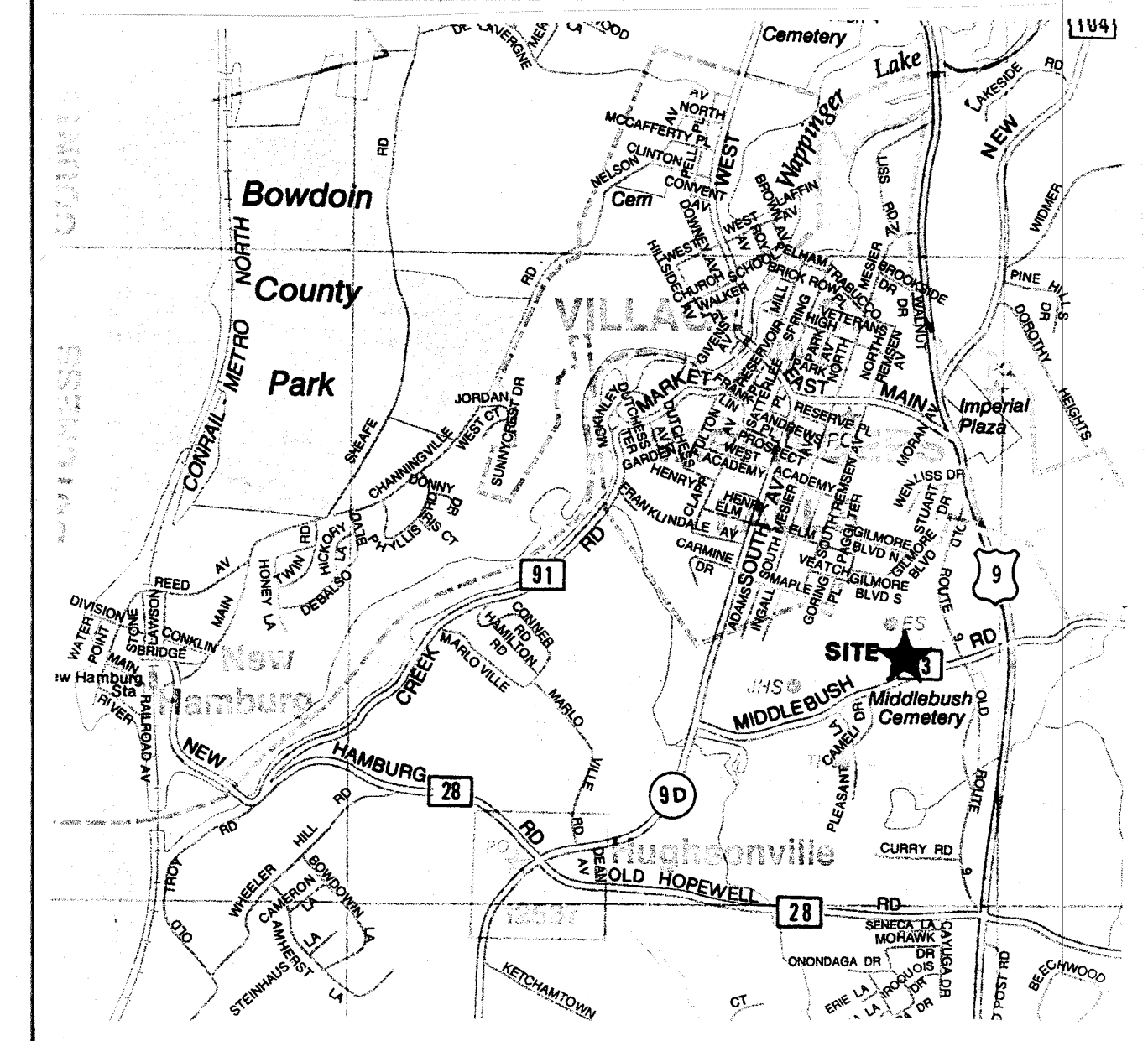
OWNER/APPLICANT

33 Middlebush, LLC
 John Falvella
 47 Union School Rd.
 Montgomery, NY

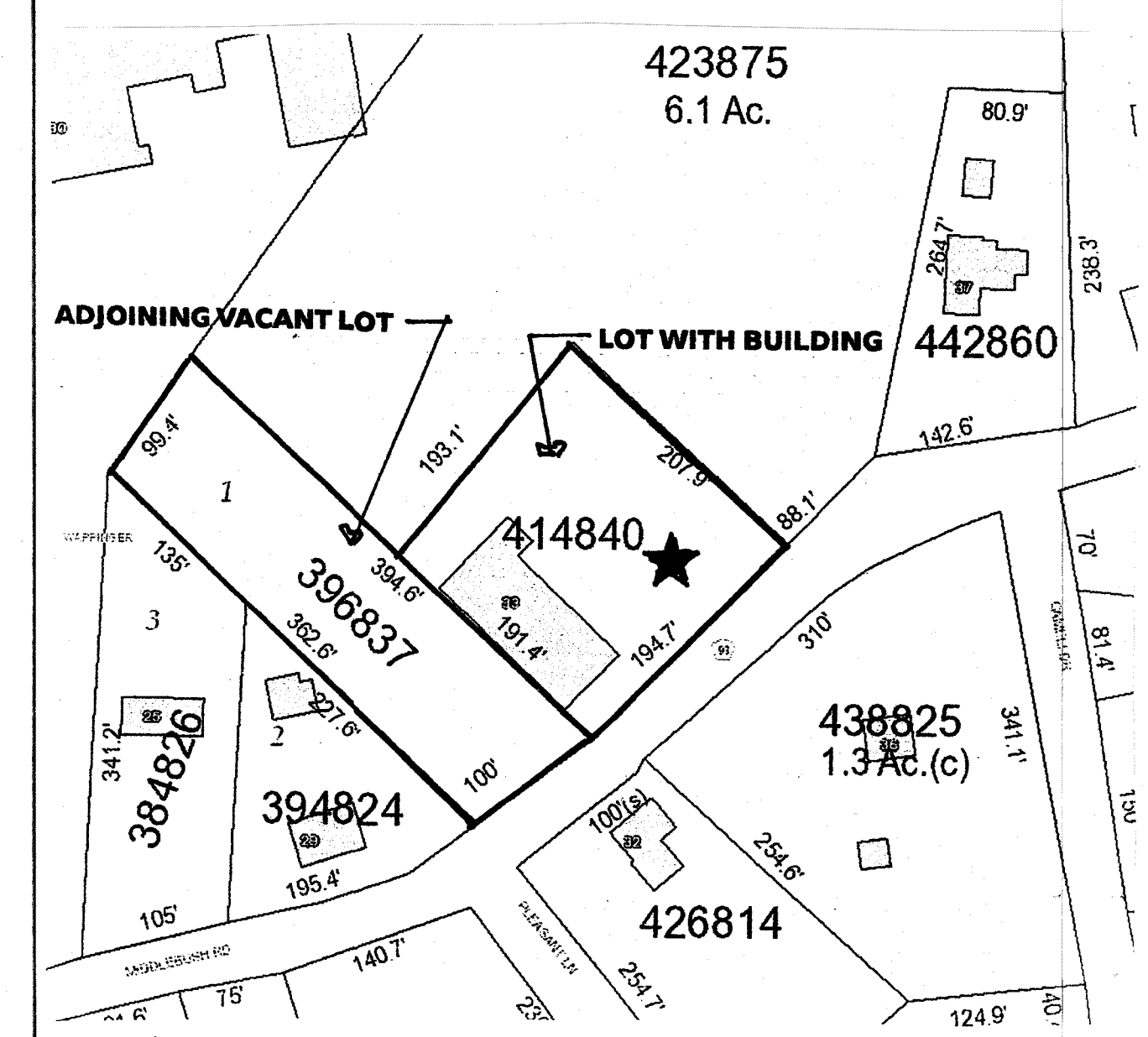


SEWAGE DISPOSAL PLAN

LOCATION MAP



AREA MAP



PROJECT DATA

Project Location: 33 Middlebush Rd.
 Town of Wappinger
 Dutchess County, NY

Tax Map Numbers: Lot 1, 6157-01-414840
 Lot 2, 6157-01-396837

Lot Area: Lot 1: 38,640 sf
 Lot 2: 37,746 sf
 Total: 76,386 sf (1.75 AC)

Zoning: R20/40 - Residential

Existing Building Size: 6,700 sf

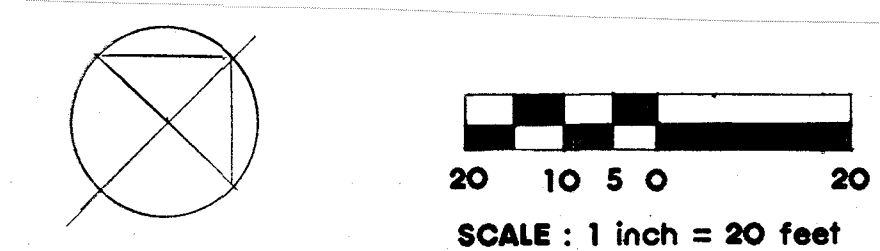
Proposed Use: Contractor storage facility

OWNER CERTIFICATION

The undersigned, John Falvella, owner of the property, hereon states that he is familiar with this map, its contents and legends and hereby consents to all said terms and conditions as stated hereon.

Owner _____ Date _____

NORTH ARROW & SCALE



REVISIONS BY

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PROPOSED CONTRACTOR STORAGE BUILDING
33 MIDDLEBUSH LLC
 33 MIDDLEBUSH ROAD TOWN OF WAPPINGERS, NY

SEWAGE DISPOSAL PLAN & NOTES

DATE FEB. 3, 2020
 SCALE 1" = 20'
 DRAWN AC
 JOB 16-034
 SHEET SDS-1
 OF SHEETS