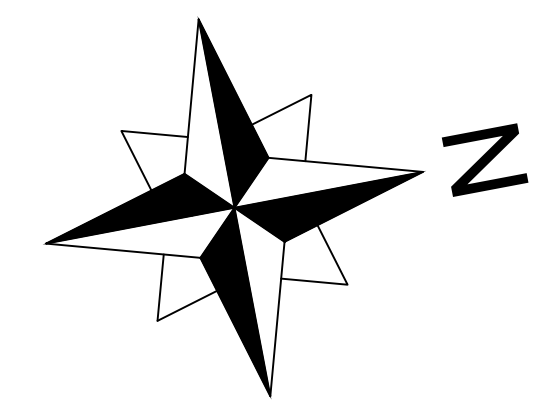
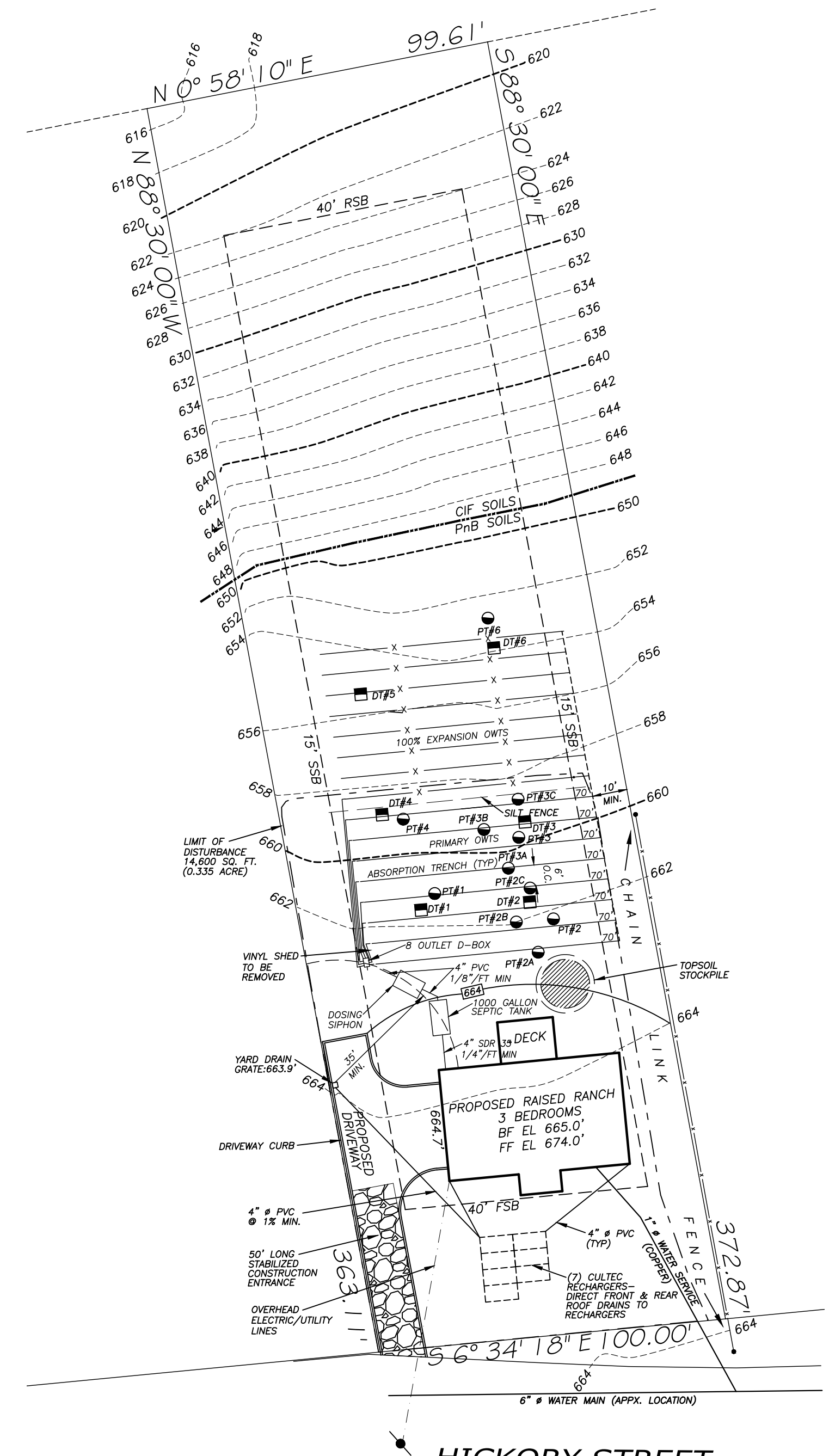
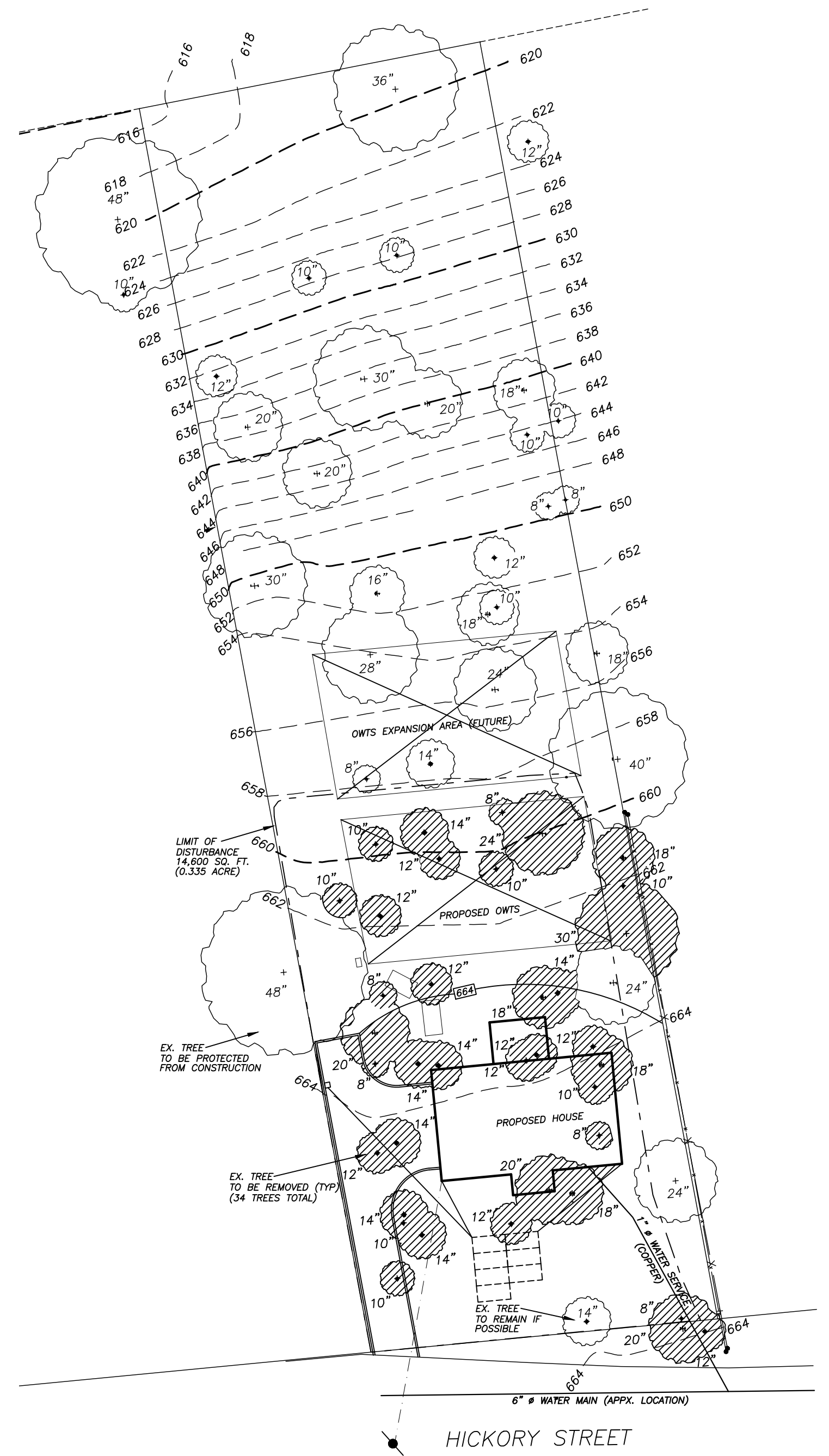


HEALTH DEPARTMENT STANDARD NOTES

1. There shall be no trees within 10 feet of the OWTS.
2. There are no wells within 200' of OWTS unless otherwise shown on plan.
3. There are no OWTS within 200' of well unless otherwise shown on plan.
4. The proposed OWTS area shall be isolated and protected against damage by erosion, storage of earth or materials, displacement, compaction or other adverse physical change in the characteristics of the soil or in the drainage of the area.
5. If for any reason the approved construction plan cannot be followed, a revised plan must be prepared, submitted, and approved by WCDH.
6. The design professional shall supervise the construction of the OWTS and make an open works inspection.
7. Within 24-hours of the completion of the OWTS, the design professional must notify the Westchester County Department of Health (WCDH) that the OWTS is ready for inspection by submitting a completed request for an open works inspection on the appropriate form to WCDH.
8. That no backfilling of a completed OWTS can occur until after it has been inspected and accepted by the Westchester County Department of Health.
9. After backfilling the OWTS, the area shall be covered with a minimum of 4 inches of clean top soil, seeded and mulched.
10. The installation of the OWTS shall be in accordance with the Rules and Regulations for the Design and Construction of Residential Subsurface Sewage Treatment Systems and Drilled Wells in Westchester County, NY.
11. All pipes connecting to tank and boxes shall be cut flush with the inside wall of box.
12. The proposed OWTS shall be installed by a Westchester County licensed septic contractor.
13. Prior to any excavation all underground utilities must be located. Call 1-800-962-7962.
14. The Westchester County Health Department approval expires one year from the date on the approval stamp and is required to be renewed on or before the expiration date. The approval is revocable for cause or may be amended or modified when considered necessary by the department.
15. There are no sources of contamination within 200 feet of the proposed well (where new wells are proposed).
16. The minimum well yield is 5 gpm; yields less than 5 gpm must be immediately reported to the department (where new wells are proposed).
17. There are no reservoirs, reservoir stems or controlled lake within 500 feet of the proposed OWTS unless otherwise shown on plan.
18. There are no NYSDEC wetlands or watercourses within 200 feet of the proposed OWTS unless otherwise shown on plan.
19. NYCDEP must be contacted at least two days prior to start of construction of the OWTS so that the NYCDEP may inspect and monitor the installation

TREE REMOVAL TABLE	
DIAMETER	NUMBER REMOVED
8	5
10	7
12	9
14	7
18	4
20	3
24	1
30	1
TOTAL	37

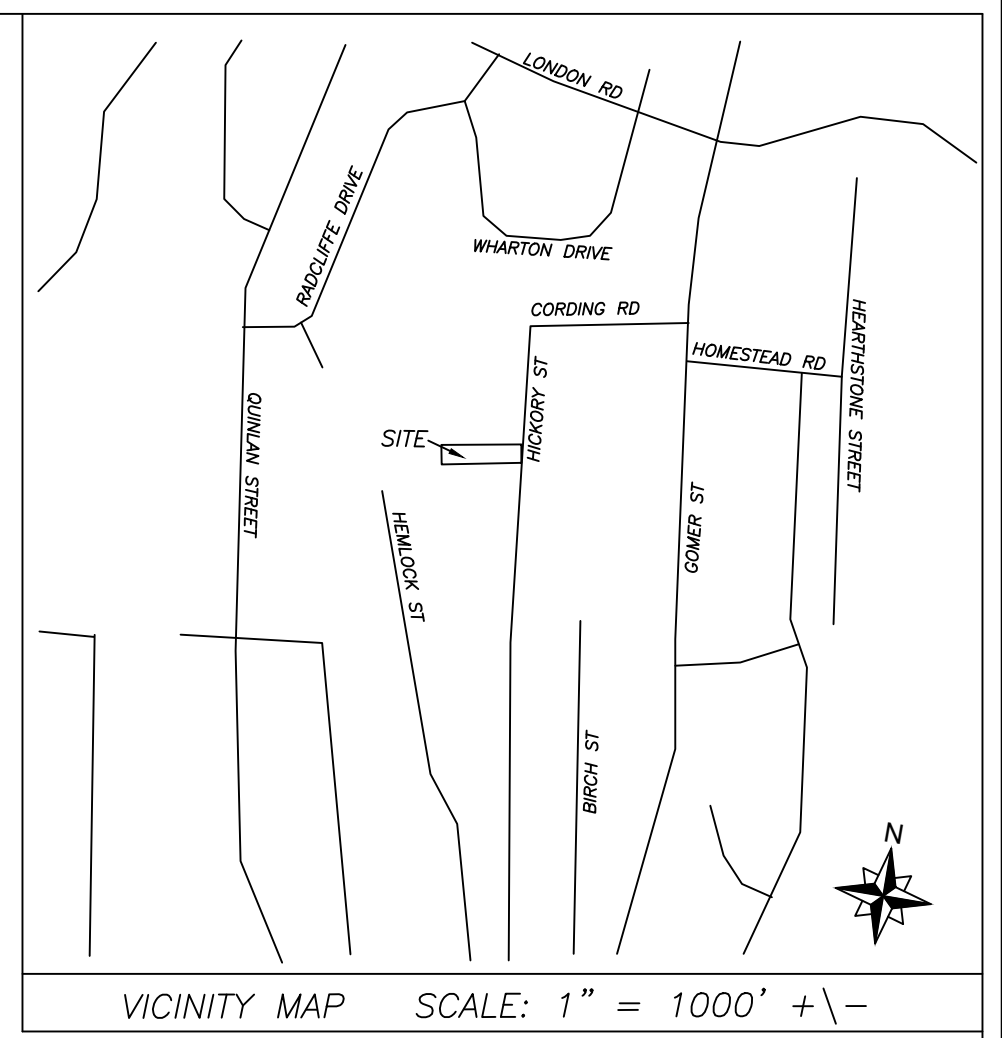


- NOTES:**
1. OWNER: Panny Industries
 2. SITE ADDRESS: 2991 Hickory Street, Yorktown (T)
 3. WATERSHED: New York City, Muscoot Reservoir
 4. All pipes connecting to all tankage and boxes shall be cut flush with the inside wall of the tank or box.
 5. Prior to any excavation all underground utilities must be located. Call 1-800-962-7962.
 6. Slope primary and expansion area: 1%.
 7. Construction Start Date: April 1, 2024
Finish Date: September 1, 2024
 8. Soil characteristics: see below
 9. Soil permeation rate: 21-45 minutes per inch
 10. Design based upon 3 bedrooms, 330 gpd (110 gpd per BR)
 11. Proposed Septic Tank Size: 1,000 gallons, dosing siphon 13" x 200 gallon dose
 12. Proposed absorption trenches: 50' LE primary (8 trenches @ 70' each)
 13. FB - none - Curtain Drain - none
 14. Soils in OWTS area: Chaffinch Loam (CIB)-3-4% stony, hyd. soil group B
 15. Area of disturbance: 14,000 square feet, 0.33 acres
 16. Map datum - NAVD 88 (North American Vertical Datum 1988)
 17. Property: 0.842 acre
 18. Topographic survey by Link Land Surveyors, PC April 18, 2023
 19. No existing or proposed wells within 100 feet of the proposed OWTS area, 200 feet if in Direct line of drainage.

- SOIL TESTING:**
DEEP HOLES
- D1- 5" TOPSOIL, 5"-7" MODERATE COMPACTED SANDY LOAM, NO ROCK TO 7", WATER AT 7"
D2- SIMILAR TO D1, NO WATER OR ROCK TO 7"
D3- SIMILAR TO D2
D4- SIMILAR TO D2
D5- SIMILAR TO D2
D6- SIMILAR TO D2 EXCEPT WATER AT 7"
- DEEPS INSPECTED APRIL 18, 2023
- PERC HOLES**
- P1- 32 MIN PER INCH
P2- FAIL
P3- FAIL
P4- 31 MIN PER INCH
P5- FAIL
P6- 42 MIN PER INCH
- PRESOAK 05/25/23, PERC 05/26/23

SEPTIC SYSTEM DESIGN

3 bedrooms, 110 GPD BEDROOM, DAILY FLOW = 330 GALLONS
Perc Rate: 21-45 minutes per inch, Application Rate 0.30 GPD/SF
REQUIRED AREA: 1,100 DIVIDED BY 0.3 = 3667 LINEAL FEET



BULK REGULATION TABLE
TOWN OF YORKTOWN, ZONING DISTRICT R1-20

	REQUIRED	PROVIDED
MINIMUM LOT AREA (square feet)	20,000	36,678
MIN. LOT WIDTH AT BUILDING LINE (feet)	100	100
MINIMUM LOT DEPTH (feet)	200	368
MINIMUM FRONT YARD (feet)	40	41
MINIMUM REAR YARD (feet)	40	175
MINIMUM SIDE YARD (feet)	15	16
MINIMUM 2 SIDE YARDS COMBINED (feet)	40	45
MAXIMUM BUILDING COVERAGE (percent)	20	5
MAXIMUM BUILDING HEIGHT (feet)	35	<35
MINIMUM USABLE FLOOR AREA (square feet)	800	1,664
MINIMUM ROAD FRONTAGE (feet)	100	100

SOIL LEGEND
CIB Chaffinch loam 35 to 45 percent slopes, very stony
PnB Paxton Fine Sandy Loam, 3 to 8 percent slopes
AS PER WEBSOILSURVEY

TOPOGRAPHIC SURVEY PREPARED BY ERIK J. LINK, L.S. MAHOPAC, N.Y. DATED APRIL 18, 2023

THERE ARE NO WETLANDS OR WATERCOURSES WITHIN 200 FEET OF THE PROPOSED OWTS UNLESS OTHERWISE SHOWN ON THE PLAN.

THIS ENGINEER HAS VERIFIED THAT NO WELLS EXIST WITHIN 200 FEET OF THE PROPOSED SEPTIC SYSTEM, EXCEPT AS SHOWN ON THESE PLANS.

ALTERATION OF THIS DRAWING EXCEPT BY A LICENSED P.E. IS ILLEGAL. ANY ALTERATION BY A P.E. MUST BE INDICATED AND BEAR HIS SEAL SIGNATURE AND DATE OF ALTERATION.

3	09-26-24	ADDED TREE PLAN & TABLE
2	03-07-24	PER WCDH AND NYCDEP COMMENTS
1	12-23-23	PER WCDH REVIEW LETTER OF 09/22/23 AND NYCDEP REVIEW LETTER OF 10/02/23

JOHN KARELL, JR. P.E.
121 CUSHMAN ROAD
PATTERSON, NEW YORK 12563

OWNER: PANNY INDUSTRIES
2991 HICKORY STREET
YORKTOWN (T)

SCALE: 1" = 30'

DATED: AUG 12, 2023

TAX MAP: 27.05-1-65

LATEST REVISION: SHEET No. S-1

