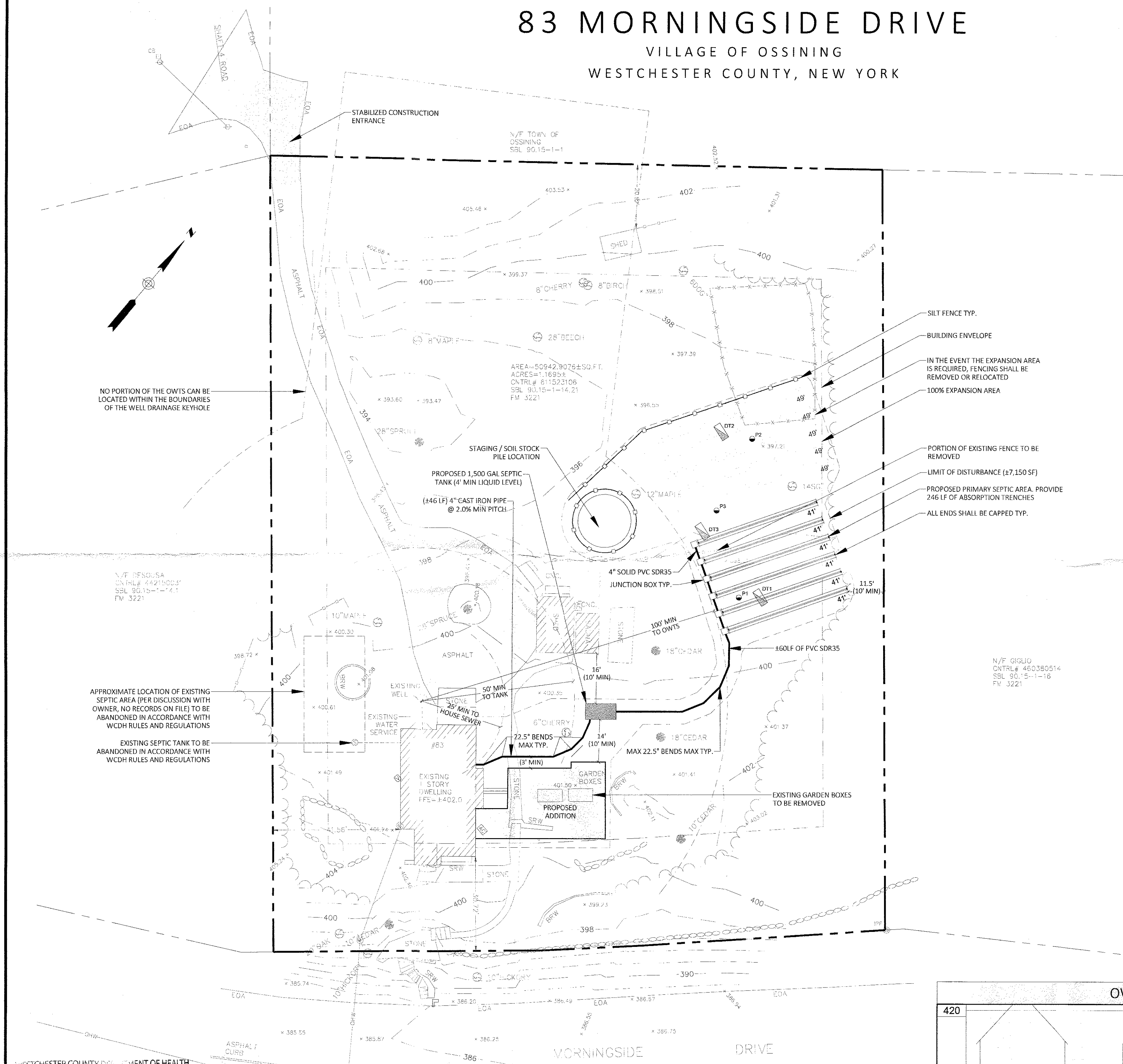


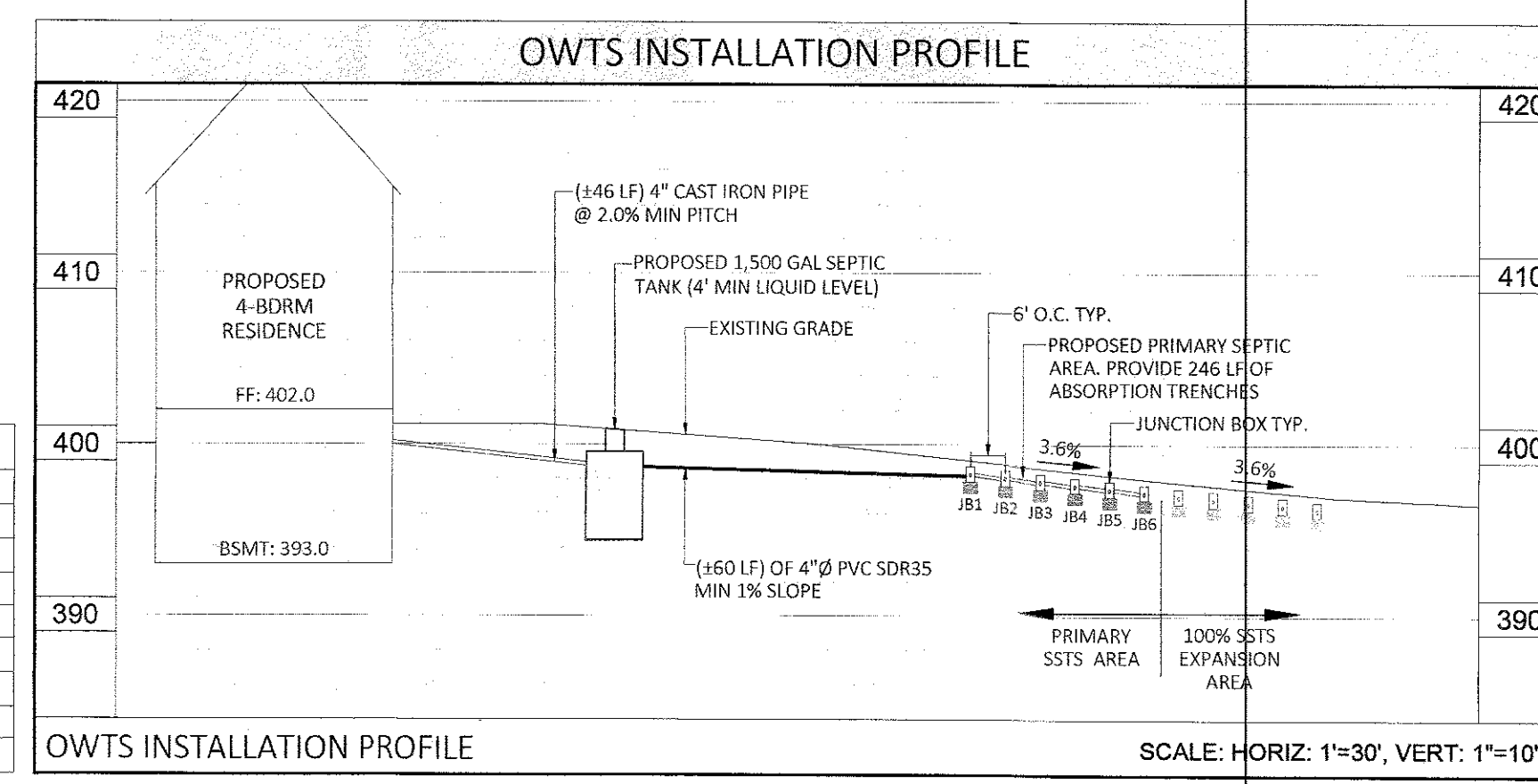
ON-SITE WASTEWATER TREATMENT PLAN
FOR
83 MORNINGSIDE DRIVE
VILLAGE OF OSSINING
WESTCHESTER COUNTY, NEW YORK



WESTCHESTER COUNTY DEPT. OF HEALTH
Bureau of Environmental Quality
FILE NUMBER: 07-2024-01
Ossining
This plan is approved for issuance of an ON-SITE WASTEWATER TREATMENT PERMIT pursuant to the provisions of the Westchester County Sanitary Code, subject to the provisions of the APPROPRIATE CONSTRUCTION issued this date.
Approved by: [Signature] 6/13/24
4 BR OWTS, 1500 gal. septic tank and 246 LF trench.

ON-SITE WASTEWATER
TREATMENT SITE PLAN
SCALE: 1" = 20'

INVERT ELEVATIONS	
OUT OF HOUSE (MIN. RAW INVERT)	400.0
INTO TANK	399.0
OUT OF TANK	398.8
INTO JUNCTION BOX 1	398.2
INTO JUNCTION BOX 2	397.9
INTO JUNCTION BOX 3	397.6
INTO JUNCTION BOX 4	397.3
INTO JUNCTION BOX 5	397.0
INTO JUNCTION BOX 6	366.7



- SITE SPECIFIC NOTES
1. THE EXISTING SITE AREA EQUALS 3.1695 ACRES.
 2. ACCORDING TO THE TAX ASSESSOR, THE EXISTING SITE CONSISTS OF THE FOLLOWING TAX PARCEL IDENTIFICATION NUMBERS: SECTION: 90.15, BLOCK: 1, LOT: 14.21.
 3. SURVEY & TOPOGRAPHIC DATA SHOWN HEREON IS TAKEN FROM A PLAN PREPARED BY ROWAN LAND SURVEYING, PLLC, ENTITLED: "PROPERTY SURVEY 83 MORNINGSIDE DRIVE, TOWN OF OSSINING, NEW YORK PREPARED FOR MAXWELL SHRON & SARAH PICKMAN..." DATED AUGUST 17, 2023.
 4. THE SUBJECT SITE IS LOCATED IN THE R-30 ZONING DISTRICT.
 5. THE SUBJECT SITE IS LOCATED IN THE HUDSON RIVER WATER BASIN.
 6. THE PROJECT SITE IS KNOWN AS "SECTION 20-21 OF BRIARCLIFF HILLS" ON MAP 3221, PREPARED BY POCANTICO ENGINEERING AND FILED IN THE WESTCHESTER CO. CLERKS OFFICE ON DECEMBER 5, 1927.

- WESTCHESTER COUNTY HEALTH DEPARTMENT NOTES
1. THERE SHALL BE NO TREES WITHIN 10 FEET OF THE ON-SITE WASTEWATER TREATMENT SYSTEM (OWTS).
 2. THERE ARE NO WELLS WITHIN 200' OF THE OWTS UNLESS OTHERWISE SHOWN ON THIS PLAN.
 3. THE PROPOSED OWTS MUST BE ISOLATED AND EFFECTIVELY 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 AREA.
 4. IF FOR ANY REASON THE APPROVED CONSTRUCTION PLAN CAN NOT BE FOLLOWED, A REVISED PLAN MUST BE PREPARED, SUBMITTED, AND APPROVED BY THE WCDH.
 5. THE DESIGN PROFESSIONAL SHALL SUPERVISE THE CONSTRUCTION OF THE OWTS AND MAKE AN OPEN WORKS INSPECTION.
 6. WITHIN 24 HOURS OF COMPLETION OF THE OWTS, THE DESIGN PROFESSIONAL MUST NOTIFY THE DEPARTMENT THAT THE OWTS IS READY FOR INSPECTION BY SUBMITTING A COMPLETED REQUEST FOR AN OPEN WORKS INSPECTION ON THE APPROPRIATE DEPARTMENTAL FORM.
 7. NO BACKFILLING OF A COMPLETED OWTS CAN OCCUR UNTIL AFTER IT HAS BEEN INSPECTED AND ACCEPTED BY THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH.
 8. AFTER BACKFILLING, THE AREA SHALL BE COVERED WITH A MINIMUM OF 4 INCHES OF CLEAN TOP SOIL, SEEDED AND MULCHED.
 9. 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.
 10. ALL PIPES CONNECTING TO TANKS AND BOXES SHALL BE CUT FLUSH WITH THE INSIDE WALL OF THE BOX.
 11. THE PROPOSED OWTS SHALL BE INSTALLED BY A WESTCHESTER COUNTY LICENSED CONTRACTOR.
 12. PRIOR TO EXCAVATION, ALL UNDERGROUND UTILITIES MUST BE LOCATED. CALL 1-800-962-7962 (CODE 53).
 13. 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.
 14. THERE ARE NO RESERVOIRS, RESERVOIR STEMS OR CONTROLLED LAKE WITHIN 500 FEET OF THE PROPOSED OWTS UNLESS OTHERWISE SHOWN ON PLAN.
 15. THERE ARE NO NYSDC WETLANDS OR WATERCOURSES WITHIN 200 FEET OF THE PROPOSED OWTS UNLESS OTHERWISE SHOWN ON PLAN.
 16. THERE ARE NO EXISTING OR PROPOSED WELLS LOCATED WITHIN 200 FEET AT A LOWER ELEVATION AND IN A DIRECT LINE WITH THE GROUNDWATER FLOW OR WITHIN 100 FEET IN ANY DIRECTION TO THE PROPOSED OWTS AREA UNLESS OTHERWISE SHOWN HEREON.
 17. ALL COMPONENTS OF THE OWTS AND CONSTRUCTION TECHNIQUES OF SAME ARE TO BE IN ACCORDANCE WITH THE LATEST WESTCHESTER COUNTY DEPARTMENT OF HEALTH RULES AND REGULATIONS FOR THE DESIGN AND CONSTRUCTION OF RESIDENTIAL SUBSURFACE SEWAGE TREATMENT SYSTEMS AND DRILLED WELLS IN WESTCHESTER COUNTY, NY AND ANY OTHER RULES AND REGULATIONS THAT MAY APPLY.
 18. THE OWTS AREAS MUST BE ISOLATED AND EFFECTIVELY PROTECTED AGAINST DAMAGE BY EROSION, STORAGE OF EARTH OR MATERIALS OR COMPACTION BY MACHINES AND HEAVY EQUIPMENT. DAMAGE TO ANY PORTION OF AN OWTS AREA SHALL BE REPAIRED BEFORE APPROVAL IS GRANTED.
 19. EXPANSION AREA SHALL REMAIN UNDISTURBED AS MUCH AS IS PRACTICABLE.

WCDH REQUIRED INFORMATION

OWNER/DEVELOPER
MAXWELL SHRON & SARAH PICKMAN

SEWAGE TREATMENT SYSTEM DESIGN INFORMATION

BUILDING TYPE	SINGLE FAMILY RESIDENCE
# OF BEDROOMS	4
ACRES	1.1695 AC
DESIGN FLOW	110 GPD/BR = 440 GPD
SOIL PERCOLATION RATE	8-10 MIN/IN.
TRENCH AREA	462 SF
APPLICATION RATE	0.8 GPD/SF (P)
ABSORPTION FIELDS REQUIRED	246 LF
ABSORPTION FIELDS PROPOSED	246 LF
SEPTIC TANK SIZE & MATERIAL	1,500 GALLON CONCRETE
FILL PROPOSED	N/A
SLOPE IN PRIMARY SYSTEM	3.6%
SLOPE IN EXPANSION AREA	3.6%
DOSING SYSTEM	N/A
CURTAIN DRAIN	N/A

WATER SUPPLY:
EXISTING WELL

WATERSHED BASIN:
HUDSON RIVER

ESTIMATED CONSTRUCTION SCHEDULE
MAY 2024 - MAY 2025

PERCOLATION TESTING

#	DEPTH	PERCOLATION RATE
P1	24"	8-10
P2	24"	1-5
P3	25"	8-10

PERCOLATION TESTING WAS CONDUCTED ON JUNE 22, 2023 & JUNE 23, 2023.

SOIL INVESTIGATION RESULTS

TEST HOLE NUMBER	DEPTH	SOIL CLASSIFICATION
DT1,2,3	0' TO 6"	TOPSOIL
	6' TO 84"	BROWN SANDY LOAM W/ SOME SILT NO GROUNDWATER, NO LEDGE ROCK

NOTE: SOILS TESTING WAS CONDUCTED BY CRONIN ENGINEERING, P.E., P.C. AND WITNESS BY THE WCDH. DEEP TESTING WAS CONDUCTED ON JUNE 13, 2023.

SOIL DATA CHART

SYMBOL	DESCRIPTION	PERCENT
C/C	CHARLTON CHATFIELD COMPLEX, 0 TO 15 PERCENT SLOPES, VERY ROCKY	100% OF SITE

SOURCE: USDA WEBSOIL SURVEY

WCDH APPROVAL

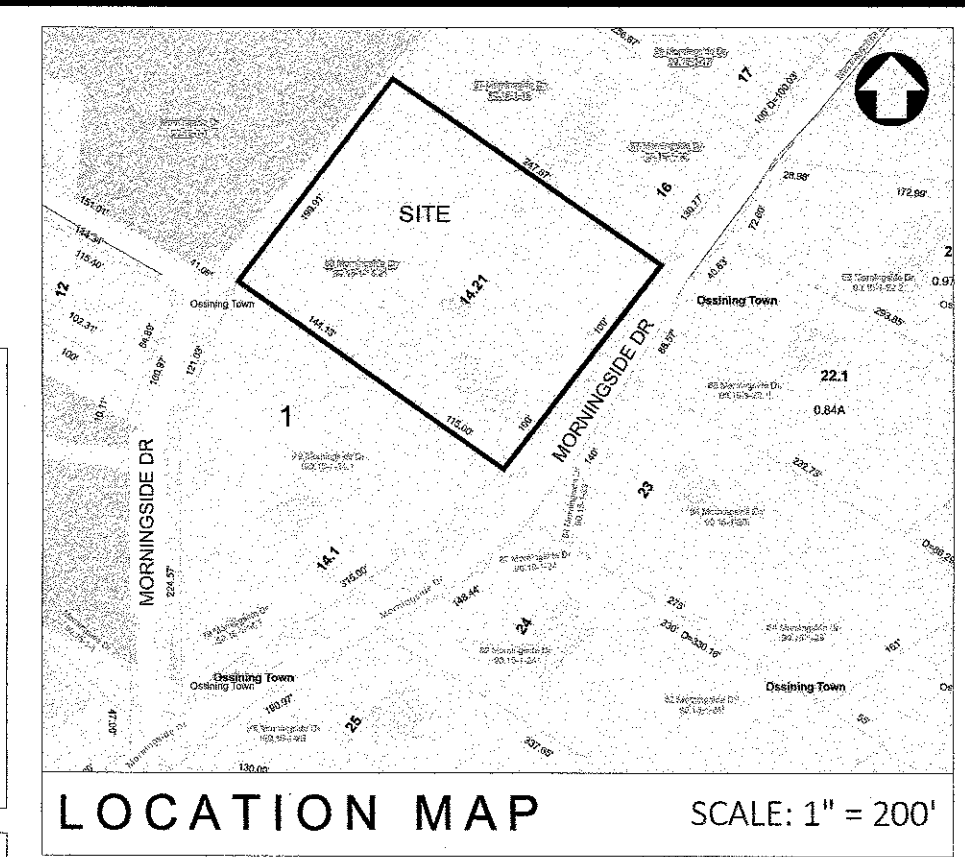
OWTS SITE PLAN

ON-SITE WASTEWATER
TREATMENT PLAN
FOR
83 MORNINGSIDE DRIVE

LOCATION:
83 MORNINGSIDE DRIVE
OSSINING, NY

SHEET 1 OF 2

OWTS-1.1



OWNER/DEVELOPER

MAXWELL SHRON & SARAH PICKMAN
83 MORNINGSIDE DRIVE
OSSINING, NY 10562

UNDER NEW YORK STATE EDUCATIONAL LAW ARTICLE 145, SECTION 7209 (2), IT IS UNLAWFUL FOR ANY PERSON TO ALTER ANY ITEM ON THIS DRAWING, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IF ANY ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
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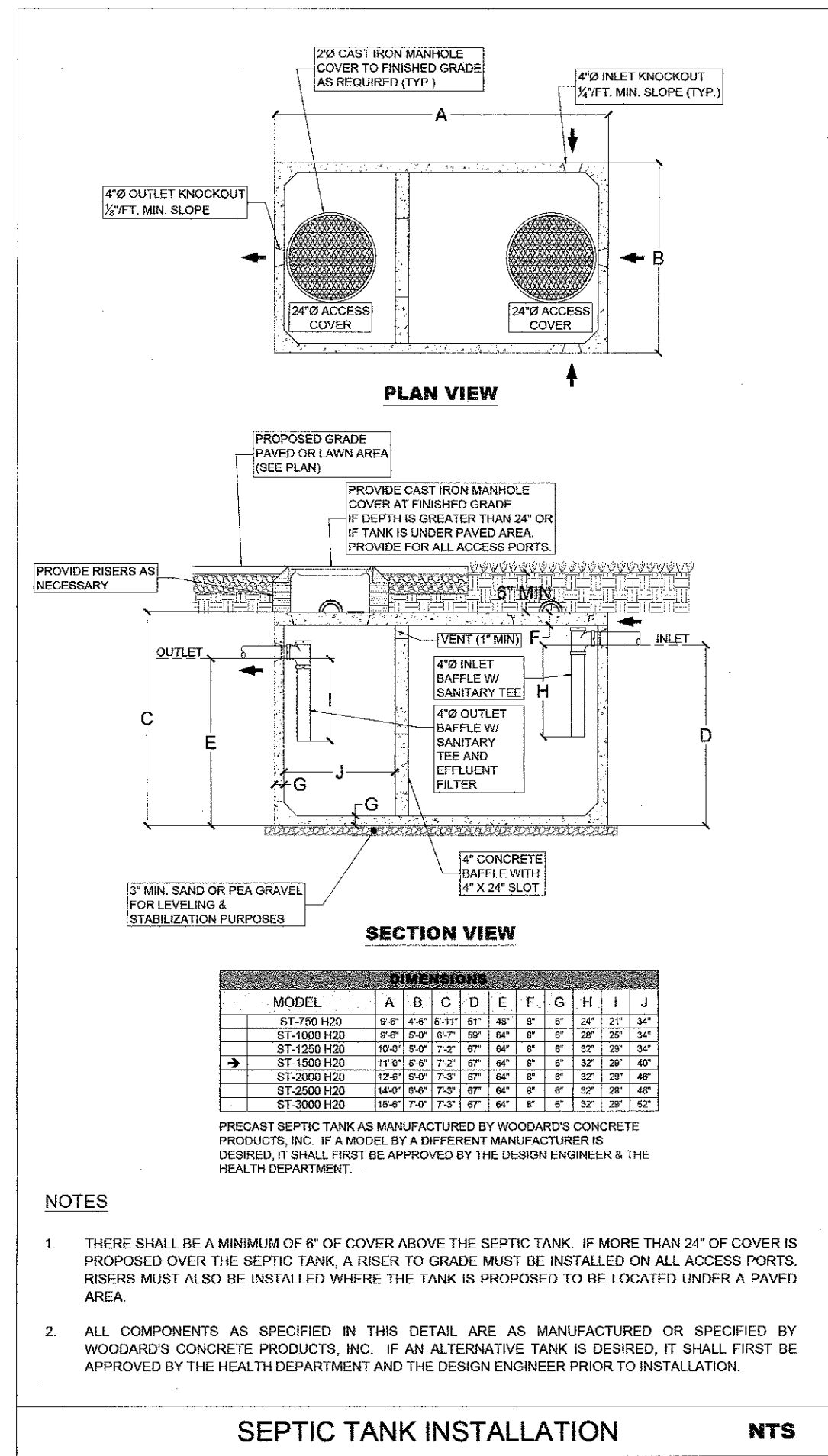
#	REASON	DATE
2	REVISED PER WCDH COMMENTS	06/03/2024
1	REVISED PER WCDH COMMENTS	04/29/2024

MUNICIPAL TAX IDENTIFICATION:
SECTION: 90.15
BLOCK: 1
LOT: 14.21
SUBLOT: ---
DRAWN BY: AD
CHECKED: JA
PROJECT: SHRON
DATE: MARCH 25, 2024
JOB #: 230508

PATRICK M. BELL, PE
LICENSE #087679

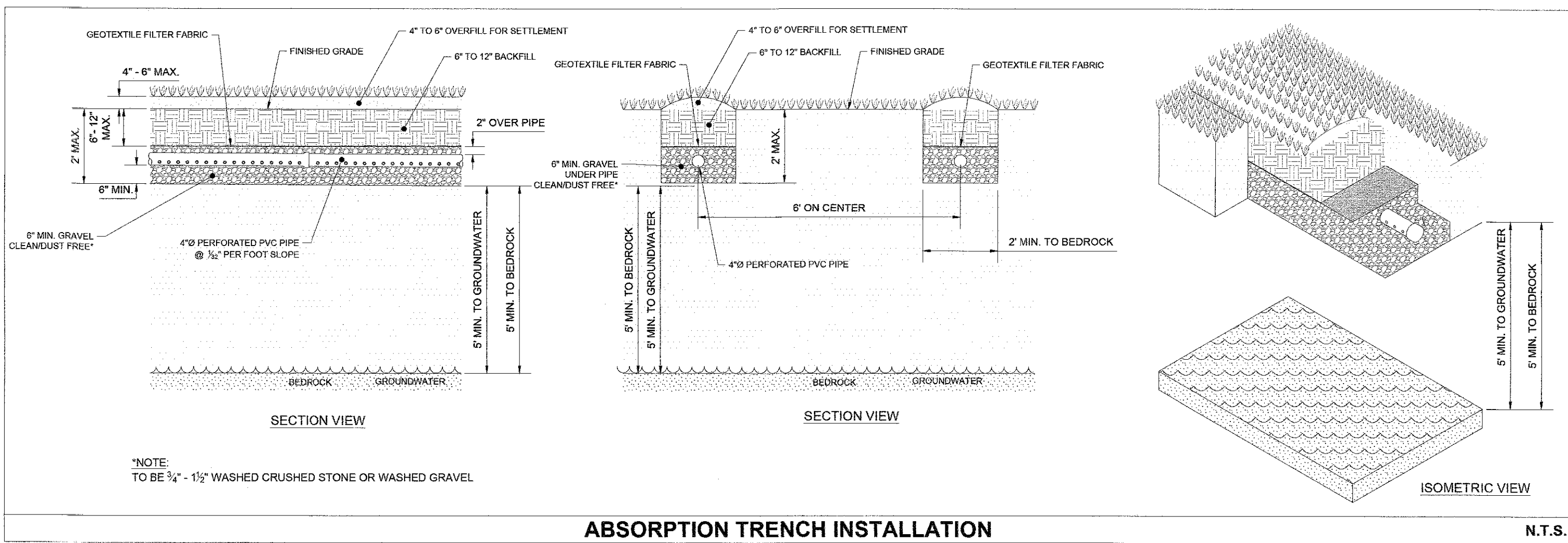
CRONIN
ENGINEERING
PROFESSIONAL ENGINEERING & CONSULTING
(914) 736-3664

39 Arlo Lane
Cortlandt Manor, New York 10567



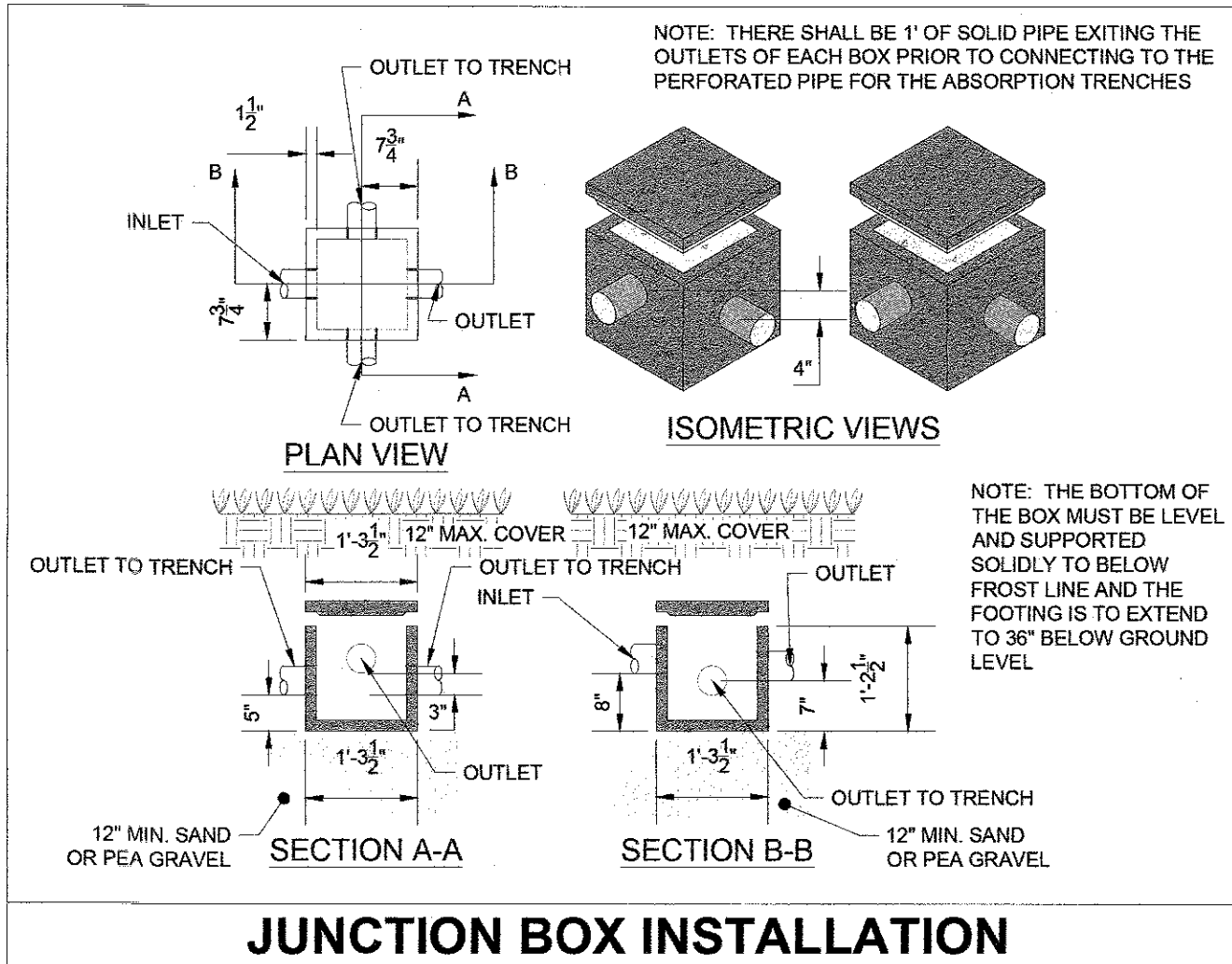
SEPTIC TANK INSTALLATION

NTS

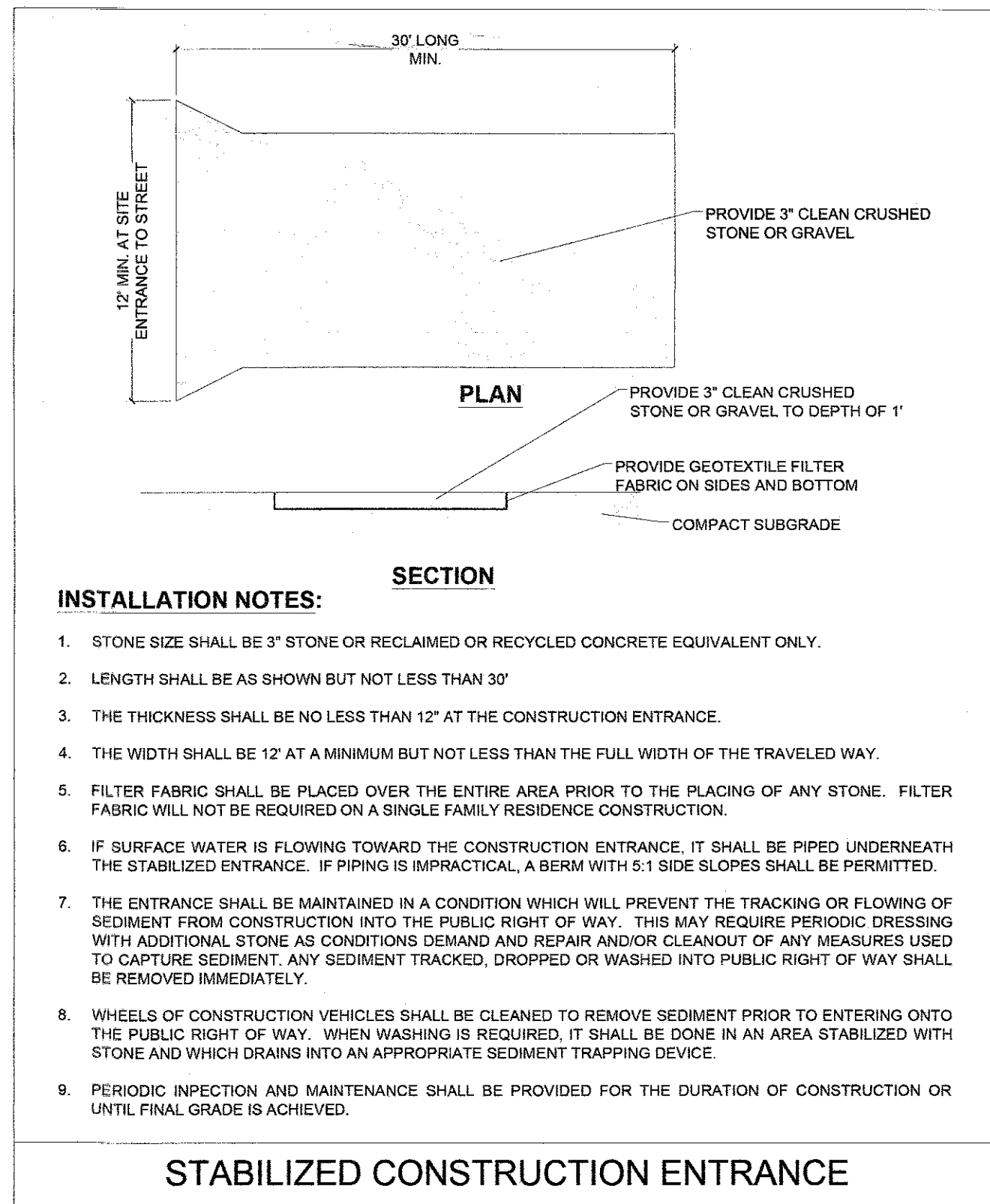


ABSORPTION TRENCH INSTALLATION

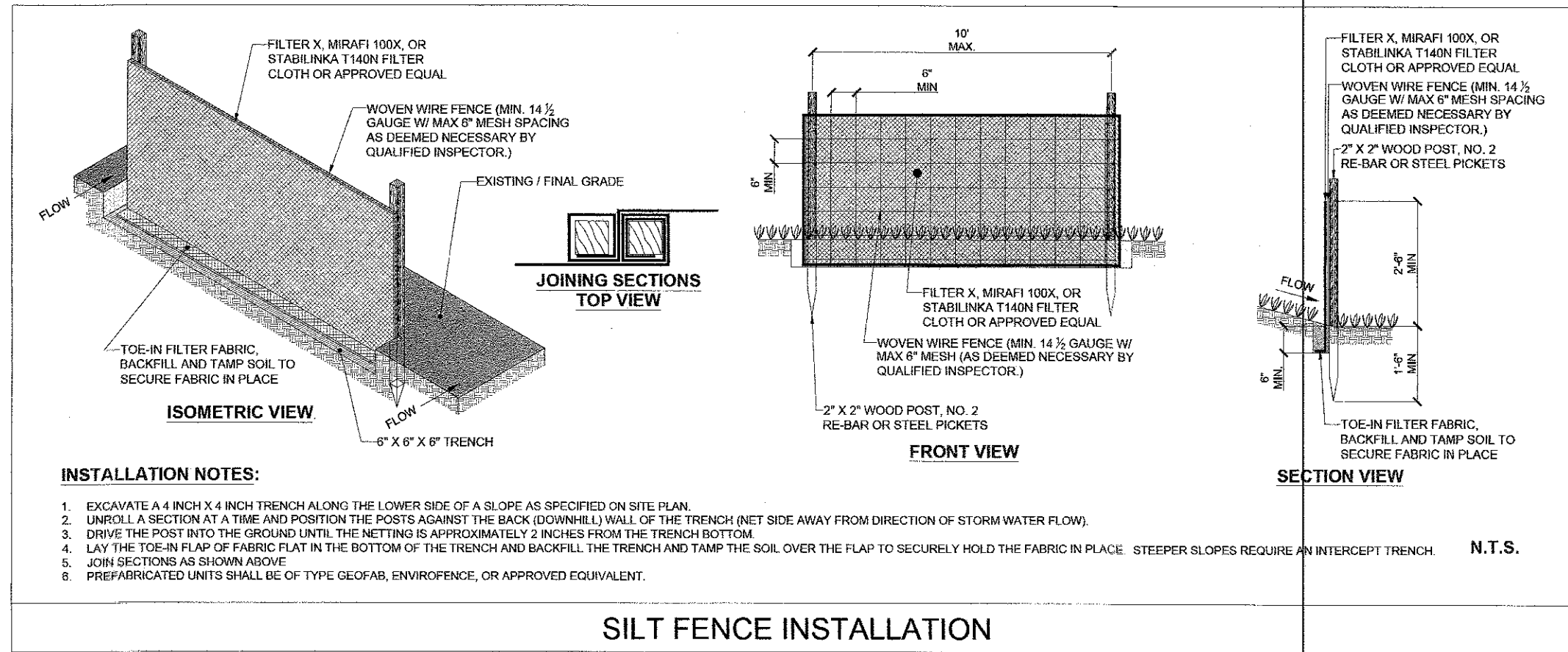
N.T.S.



JUNCTION BOX INSTALLATION

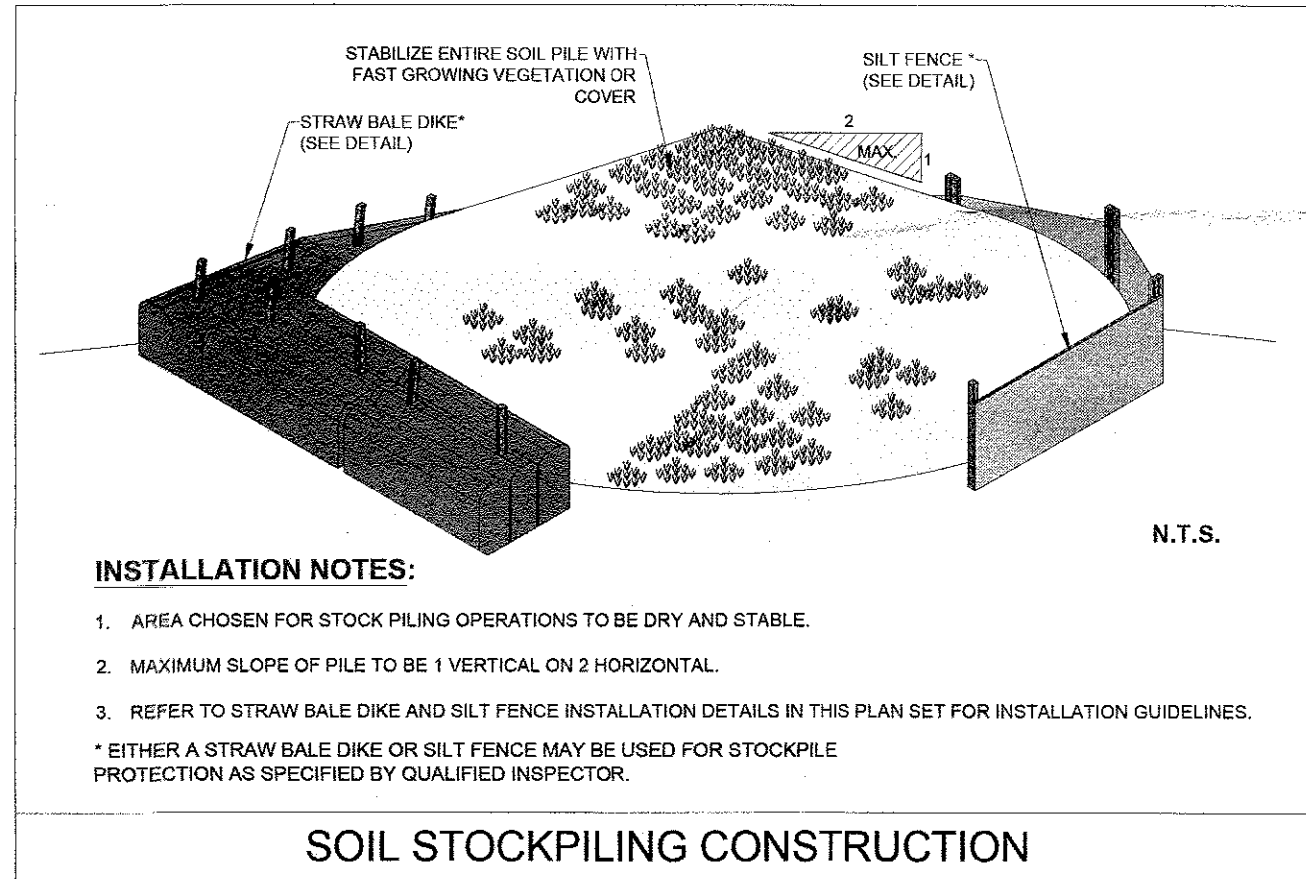


STABILIZED CONSTRUCTION ENTRANCE



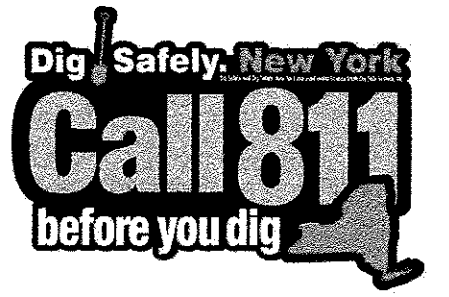
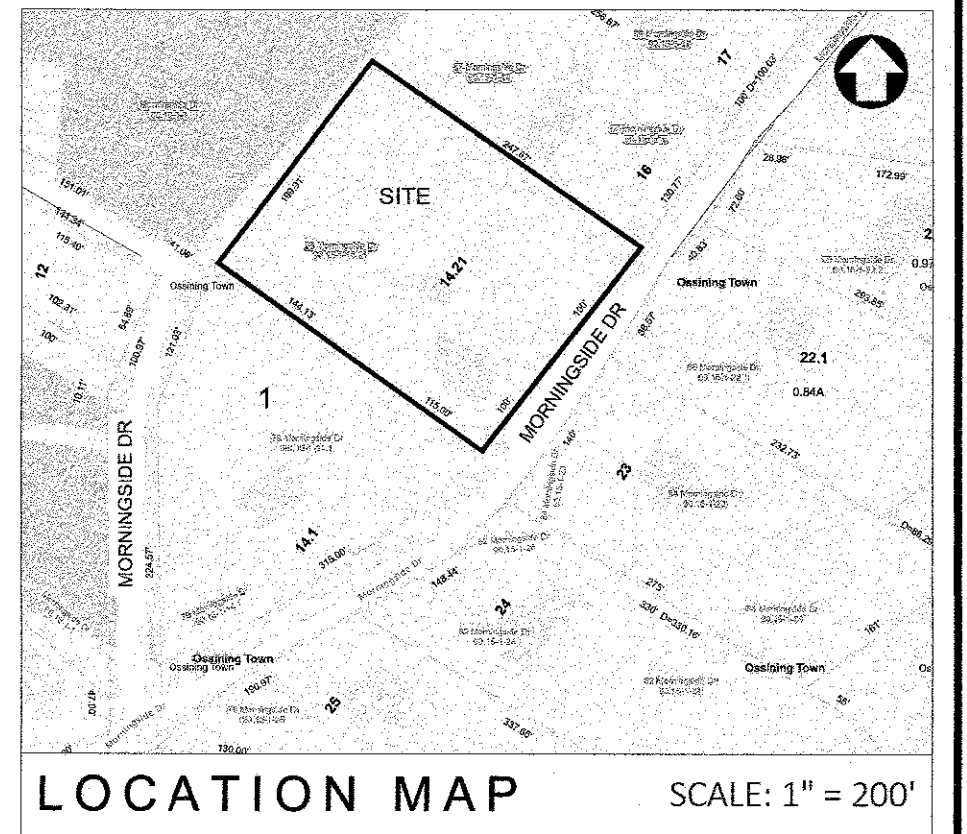
SILT FENCE INSTALLATION

N.T.S.



SOIL STOCKPILING CONSTRUCTION

N.T.S.



OWNER/DEVELOPER

MAXWELL SHRON & SARAH PICKMAN
83 MORNINGSID DRIVE
OSSINING, NY 10562

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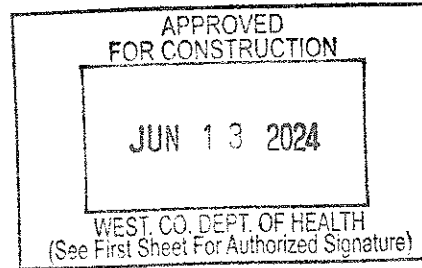
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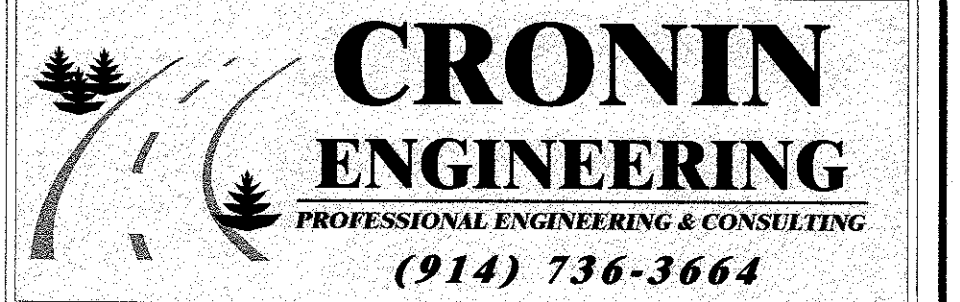
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WCDH APPROVAL



39 Arlo Lane
Cortlandt Manor, New York 10567

CONSTRUCTION DETAILS

ON-SITE WASTEWATER
TREATMENT PLAN
FOR
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