Responses to "Site Plan Matters" of the Negative Declaration

PROPOSED SPECIALTY HOSPITAL

2016 QUAKER RIDGE ROAD TOWN OF CORTLANDT WESTCHESTER COUNTY, NY

Prepared for:

Hudson Ridge Wellness Center, Inc. and Hudson Education and Wellness Center 72 North State Road, Suite #502 Briarcliff Manor, NY 10510

Prepared by:



JMC Planning Engineering Landscape Architecture & Land Surveying, PLLC 120 Bedford Road Armonk, NY 10504

JMC Project 14088

Date:

November 21, 2022

p:/2014/14088/admin/2022-11-materials for response to nec. dec. conditions/responses to site plan matters of the neg. dec. conditions/docx

This document provides documents and plan materials as requested by the Town of Cortlandt's "Negative Declaration" document, adopted by the Planning Board at their meeting on April 5, 2022, with regard to its "Negative Declaration Attachment, Site Plan Matters".

The "Site Plan Matters" materials are listed below.

"Site Plan Matters" Documents Requested

I. Drawings by Ralph G. Mastromonaco, PE PC Consulting Engineers.

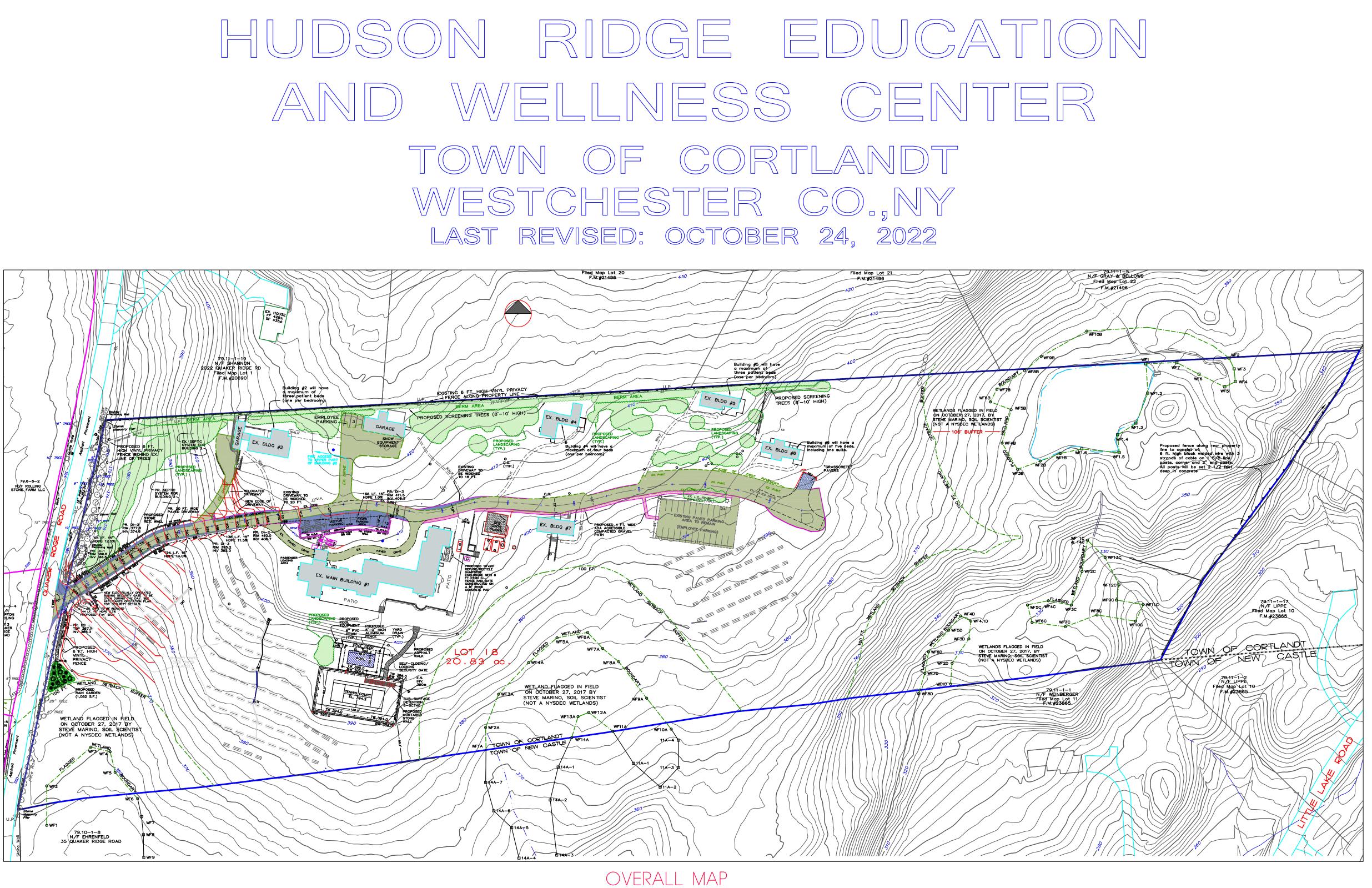
0	Title Sheet	Rev. 10/24/2022
Ι	Site Plan/Grading Plan/Tree Plan/	
	13% Max. Grade	Rev. 10/24/2022
2	Site Plan/Utility Plan	Rev. 10/24/2022
3	Driveway Improvement Plan	Rev. 10/24/2022
4	Site Plan/Lighting Plan and Photometric Plan	Rev. 10/24/2022
5	Site Plan/Fire Access Plan	Rev. 10/24/2022
6	Site Plan/Proposed Disturbance Plan	Rev. 10/24/2022
7	Site Plan/Erosion Control Plan/Details/Notes	Rev. 10/24/2022
8	Quaker Ridge Road Improvement Plan	Rev. 10/24/2022
Ι	Onsite Wastewater Treatment System (OWTS)	Rev. 03/21/2022

- 2. "Offsite [Well] Monitoring Plan, Hudson Ridge Wellness Center" by WSP USA, dated October 2022.
- 3. "Transportation Management Plan" which also describes the shuttle program, by JMC, dated November 1, 2022.
- 4. "Construction Schedule, Sequencing and Staging Plan".
- 5. "Security Protocol" by Hudson Ridge Wellness Center, dated November 17, 2022.
- 6. "Site Landscape Plan", including landscaping monitoring and maintenance plan, by JMC, dated November 21, 2022.
- 7. Proposed Site Fencing is depicted on Drawing Number 6, above, "Site Plan/Proposed Disturbance Plan" by Ralph G. Mastromonaco, PE PC Consulting Engineers, revision dated 10/24/2022.

8. Photometrics are depicted on Drawing Number 4, above, "Site Plan/Lighting Plan and Photometric Plan" by Ralph G. Mastromonaco, PE PC Consulting Engineers, revision dated 10/24/2022.

APPENDIX I

Drawings by Ralph G. Mastromonaco, PE PC Consulting Engineers



WSP USA Leggette, Brashears & Graham, Inc. Groundwater Specialists Sheldon, CT

Singleton, Davis & Singleton Attorneys Mount Kisco, NY

Evans Associates Bio-Diversity Consultant Bethany, CT

Steve Marino / TM Associates Wetland Consultant Cold Spring, NY

OLA Consulting Engineers Mechanical and Electrical Engineers Hawthorne, NY

JMC Site Devlopment Consultants, LLC Environmental Planner Armonk, NY

TC Merritts-Land Surveyors 394 Bedford Road Pleasantville, NY

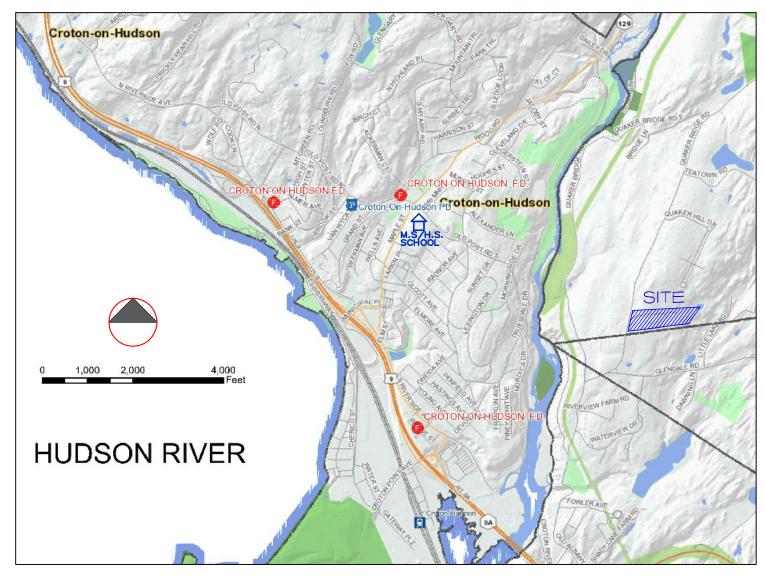
SITE ENGINEER: RALPH G. MASTROMONACO, P.E., P.C. Consulting Engineers 13 Dove Court, Croton-on-Hudson, New York 10520 (914) 271-4762



SCALE: 1"=80'

									
				ADDITIONAL		BUILDING US			ADDITIONAL
SECTION 307-59, HOSPITAL OR NURSING HOME			MAIN HOSPITAL	PATIENT QUARTERS	STORAGE	GROUP ACTIVITIES	GROUP ACTIVITIES	GROUP ACTIVITIES	PATIENT QUARTERS
				GROUP	GARAGE				GROUP
				ACTIVITIES	OFFICE	OFFICE			ACTIVITIES
LOT AREA: 20.8337 ACRES, 907,517 S.F.	REQUIRED	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
		LOT	MAIN BLDG.	BLDG. 2	BLDG. 3	BLDG. 4	BLDG. 5	BLDG. 6	BLDG. 7
MINIMUM SIZE OF LOT:									
MINIMUM LOT AREA	10 ACRES	20 ACRES							
MINIMUM LOT AREA PER BED	2.000 SF	9.864 SF							
MINIMUM LOT FRONTAGE	100'	600'							
MAXIMUM BUILDING COVERAGE	20%	2% TOTAL							
(INDIVIDUAL BUILDING FOOTPRINT SQUARE FOOTAGE)			9200 SF	2500 SF	1500 SF	1600 SF	1100 SF	1100 SF	1200 SF
MAXIMUM HEIGHT:									
	751		/7E1						
MAIN BUILDING	75'		<75'						
OTHER ACCESSORY BUILDING	25'			<25'	<25'	<25'	<25'	<25'	<25'
MINIMUM BUILDING SETBACK: MAIN BUILDING									
FRONT	200'		340'						
SIDE	125'		190'						
REAR	125		1230'						
BUILDING SETBACK: OTHER ACCESSORY BUILDING									
(SIDE OR REAR YARD ONLY)									
FRONT	75'			200'	400'	668'	894'	1008'	690'
SIDE (PRE-EXISTING NON- CONFORMING FOR BLDGS 2-5)	75			4' EX.	8' EX.	13' EX.	7' EX.	87' EX.	188'
REAR	75'			1500'	1400'	1130'	901'	760'	1032'
				1000	1700	1100	301	100	TUUL
MINIMUM DISTANCE BETWEEN BUILDINGS	2X HEIGHT		COMPLIES	COMPLIES	COMPLIES	COMPLIES	COMPLIES	COMPLIES	COMPLIES
BUFFERS PURSUANT TO 307-21B & 307-22									
307-21,B IS NOT APPLICABLE (COMMERCIAL/INDUSTRIAL)			N/A	N/A	N/A	N/A	N/A	N/A	N/A
307-22 REQUIRES 5% LANDSCAPING WITHIN PARKING									
AREAS OF 30 SPACES OR MORE			N/A	N/A	N/A	N/A	N/A	N/A	N/A
PARKING REQUIREMENT									
HOSPITAL: 1/ BED PLUS 1/									
EMPLOYEE MAX SHIFT	75								
WAIVER REQUESTED									
PROPOSED PARKING:									
EXISTING = 24		24							
PROPOSED NEW = 16									
TOTAL PARKING = 40	40								
FRONTAGE ON A STATE ROAD	REQUIRED	WAIVER PER SECT 307-59(B)(6) OR VARIANCE							

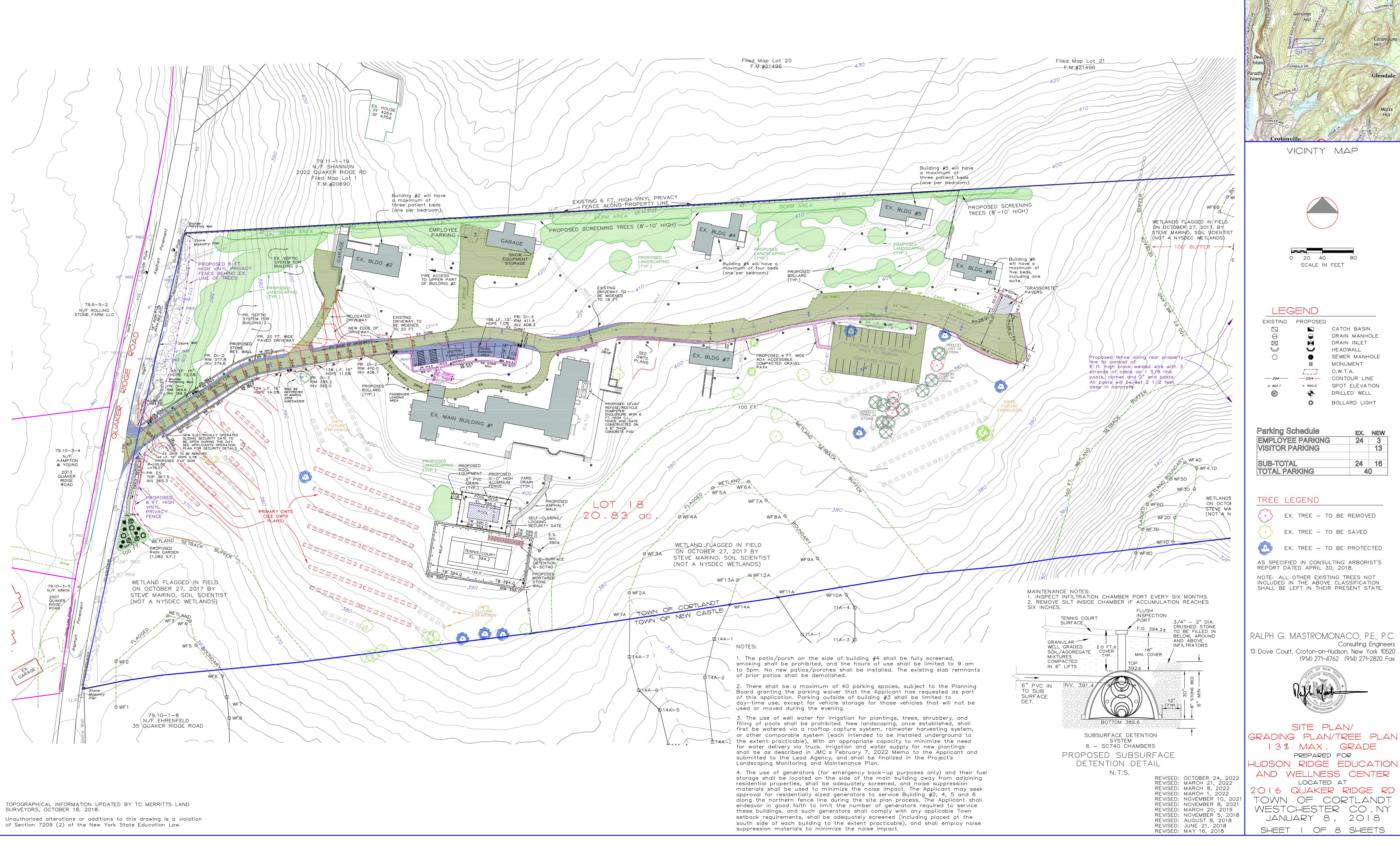
ZONING SCHEDULE

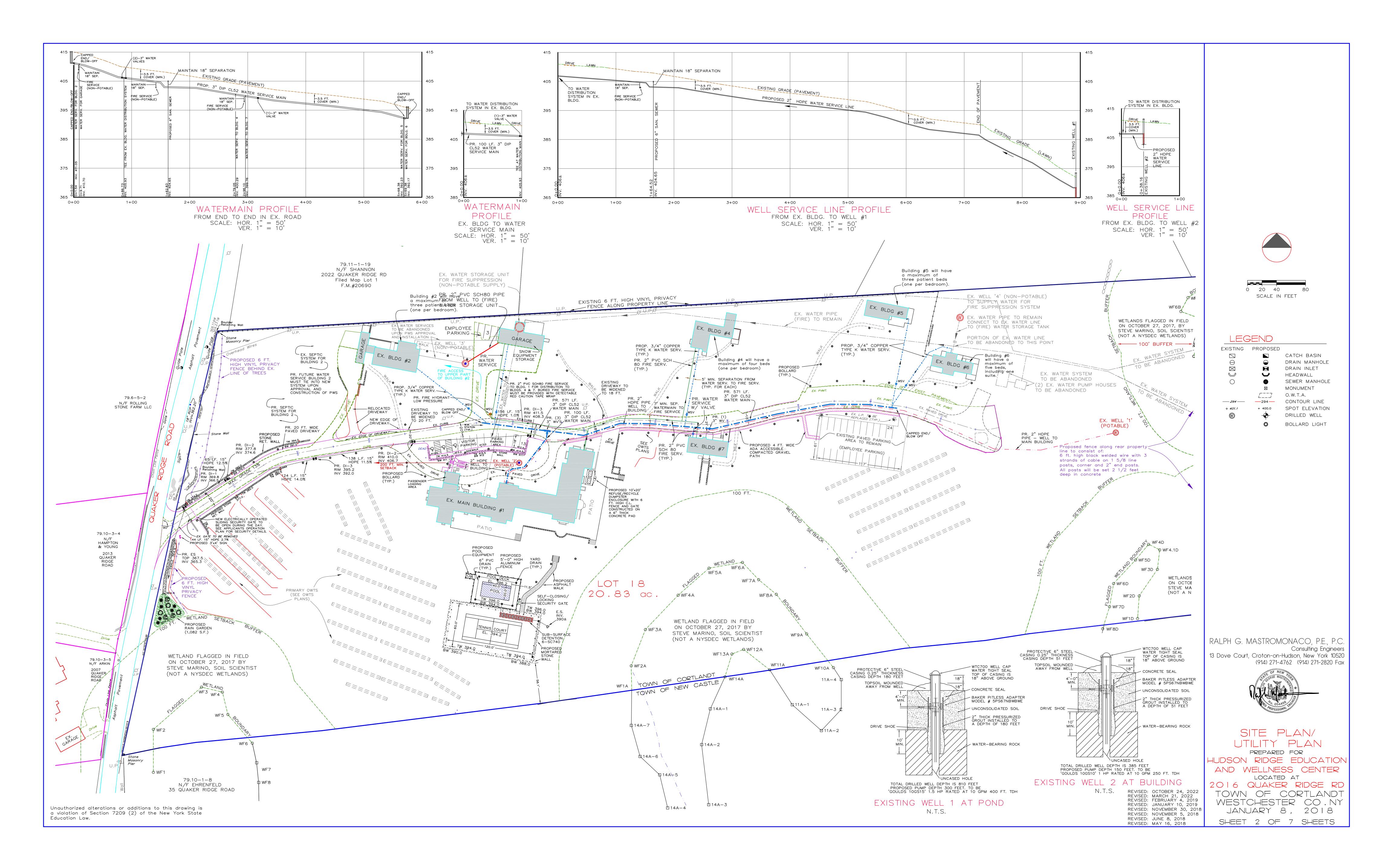


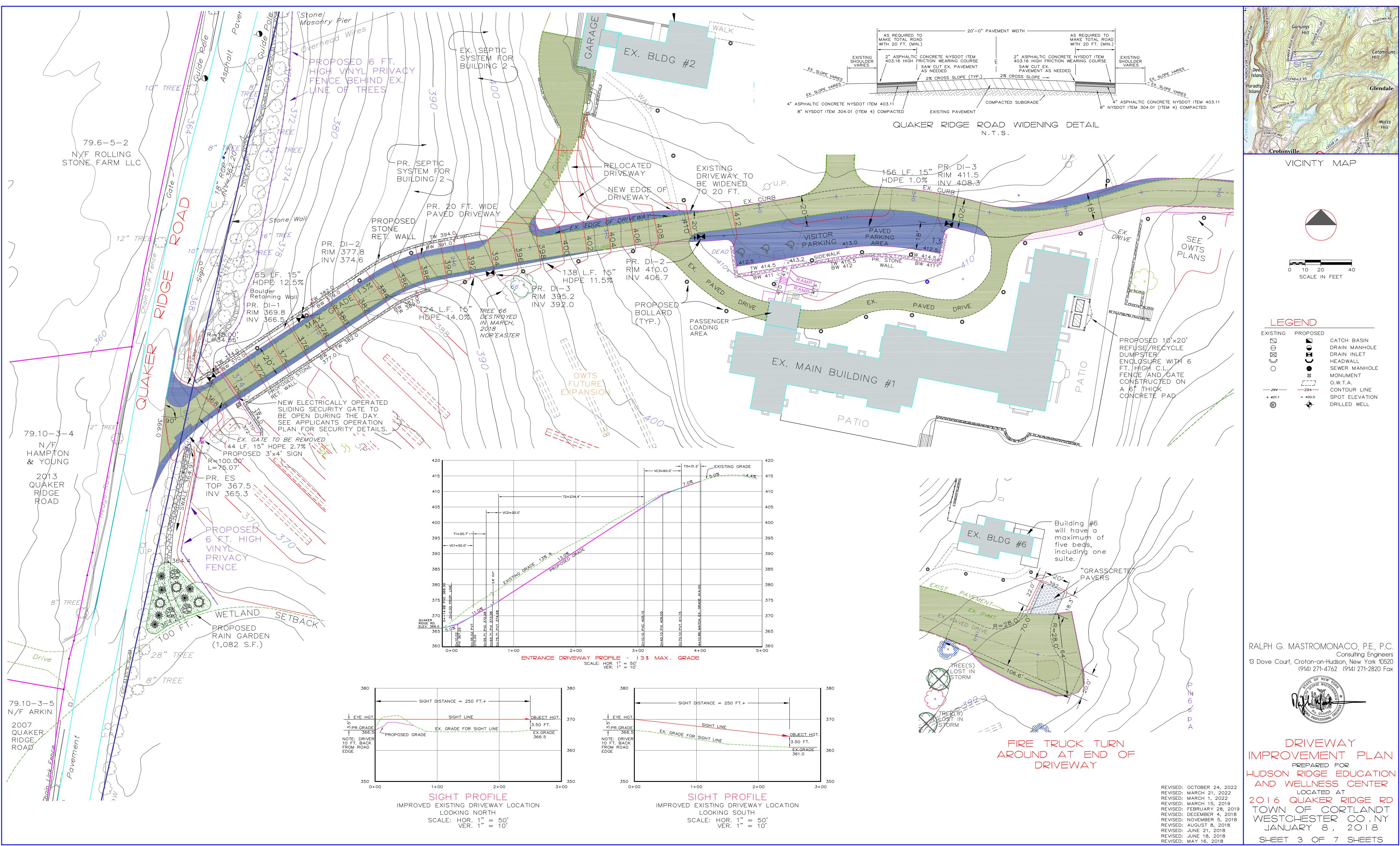
LOCATION MAP APPROX. SCALE: 1"=2000'

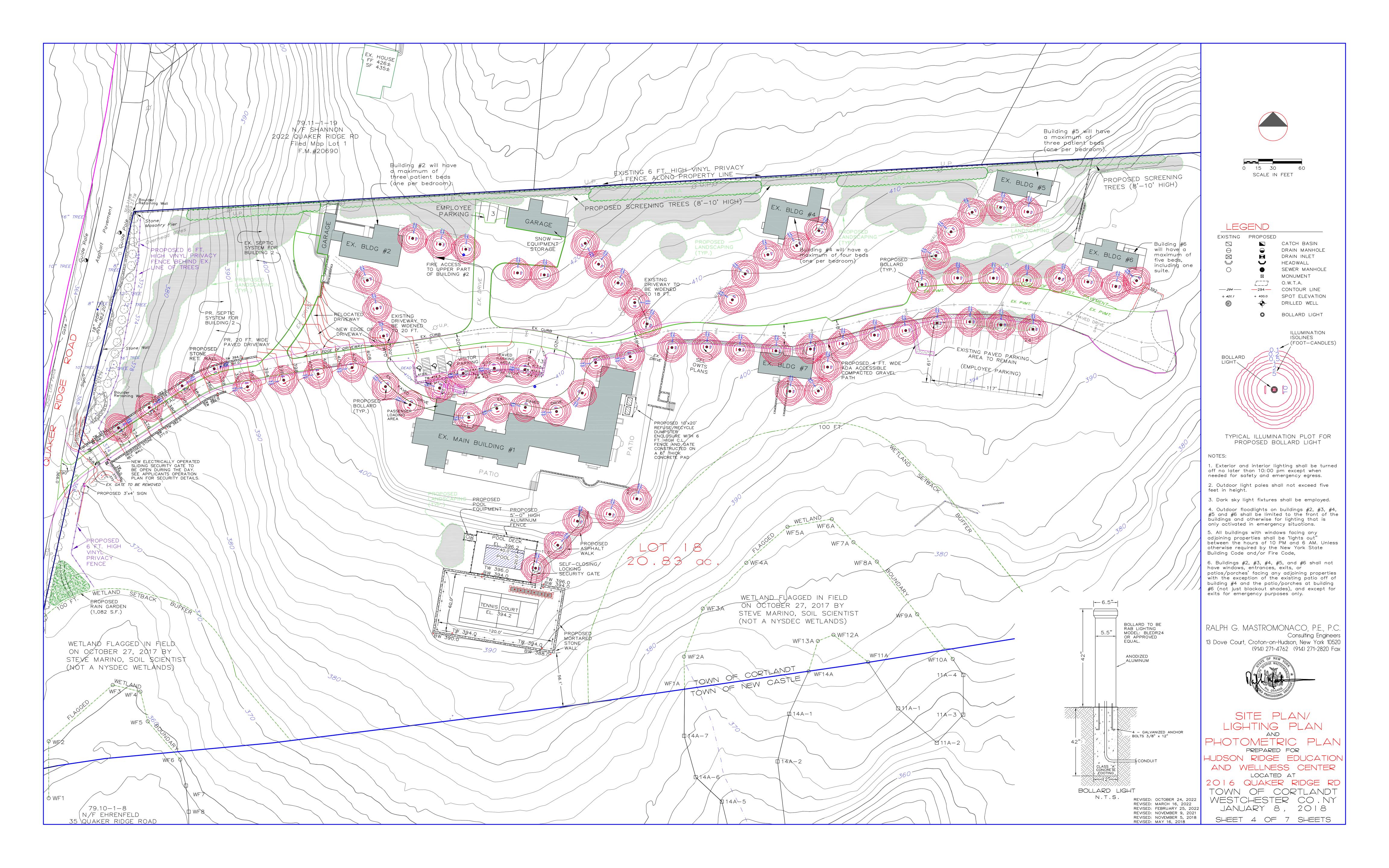
DRAWING SCHEDULE SHEET

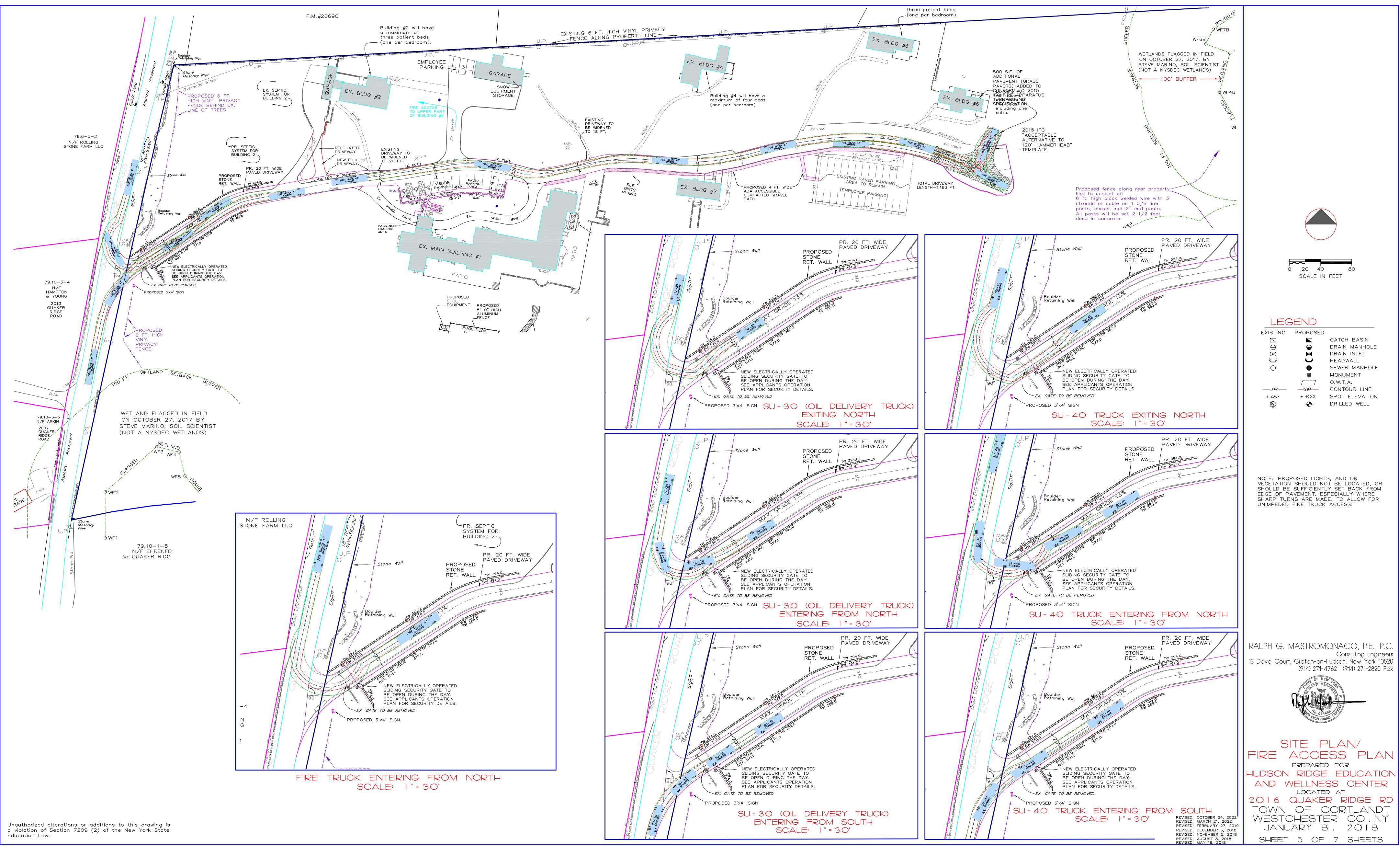
- TITLE SITE PLAN/GRADING PLAN/TREE PLAN-13% MAX. GRADE
- SITE PLAN/UTILITY PLAN
- DRIVEWAY IMPROVEMENT PLAN
- SITE PLAN/LIGHTING PLAN AND PHOTOMETRIC PLAN
- SITE PLAN/FIRE ACCESS PLAN
- SITE PLAN/PROPOSED DISTURBANCE PLAN
- SITE PLAN/EROSION CONTROL PLAN/DETAILS/NOTES
- QUAKER RIDGE ROAD IMPROVEMENT PLAN
- ONSITE WASTEWATER TREATMENT SYSTEM



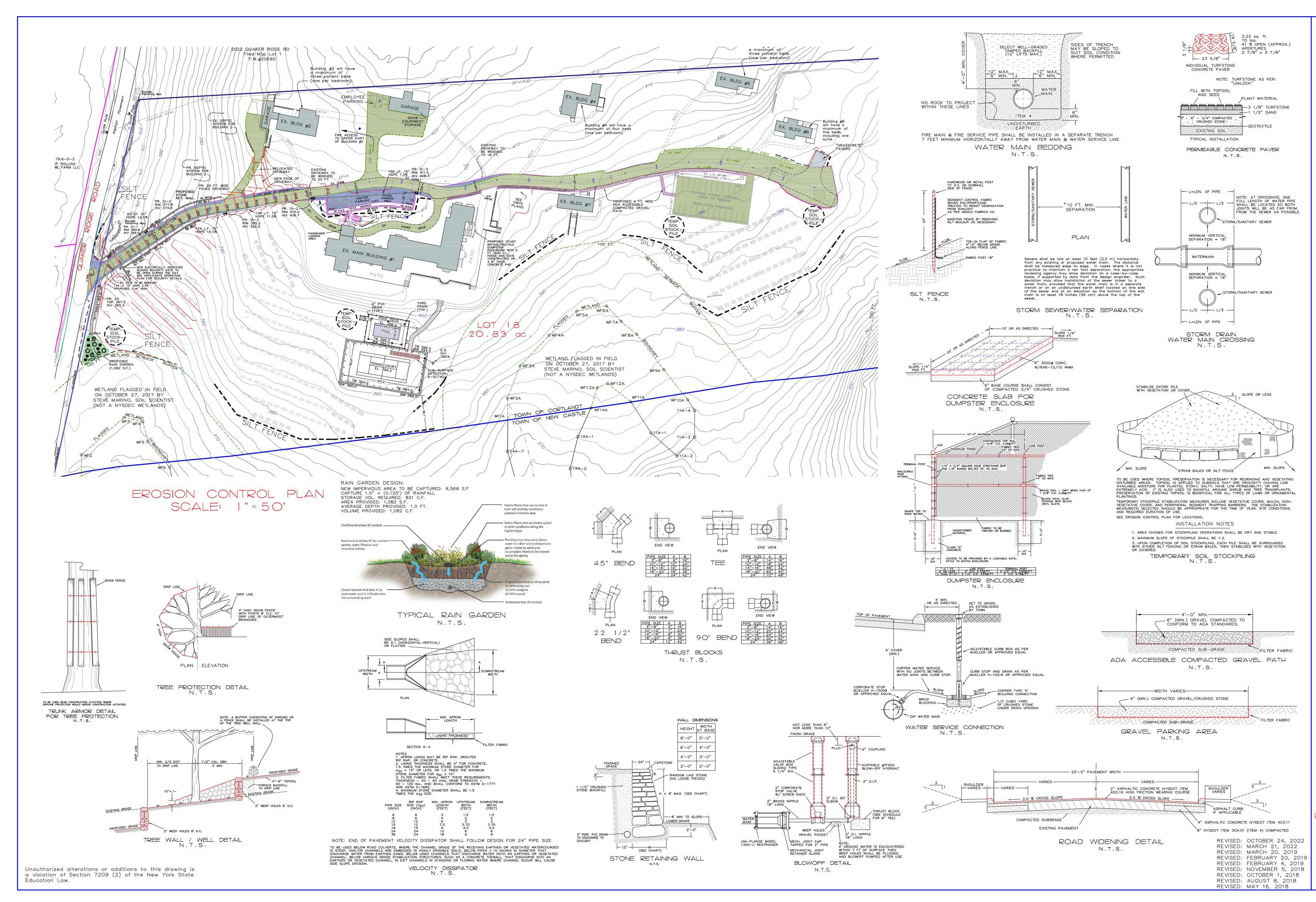












GENERAL NOTES:

 THE CONTRACTOR SHALL LOCATE AND VERIFY IN THE FIELD ALL UTILITIES – GAS, WATER, ELECTRICAL BEFORE THE START OF CONSTRUCTION. CONTRACTOR SHALL CALL CODE 753 (FORMERLY CODE 53).
 THE INSTALLATION OF WATER AND SEWER SHALL BE UNDER THE DIRECTION OF A N.Y. STATE LICENSED PROFESSIONAL ENGINEER.
 AS BUILT PLANS SHALL BE REQUIRED AND CERTIFIED BY A N.Y. STATE LICENSED PROFESSIONAL ENGINEER OR SURVEYOR.
 ALL PROPERTY DISTURBED IN THE R.O.W. OR ON PRIVATE LANDS, SHALL BE RESTORED TO NEW CONDITIONS.
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL APPLICATIONS AND PERMITS REQUIRED FOR CONSTRUCTION.
 THE ROAD AND UTILITIES SHALL BE STAKED IN THE FIELD BY A N.Y. STATE LICENSED SURVEYOR OR ENGINEER.
 UNDERGROUND GAS AND ELECTRIC SHALL BE AS REQUIRED BY THE TOWN AND CON EDISON.
 TELEPHONE AND CABLE LINES TO BE UNDERGROUND.
 ALL DRAINAGE PIPE TO BE HDPE UNLESS OTHERWISE NOTED.
 ALL GRADED SLOPES SHALL NOT EXCEED 1 VERTICAL ON 2 HORIZONTAL UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER.
 ALL STRUCTURES TO BE PLACED IN PAVED AREAS SHALL BE DESIGNED FOR H-20 LOADING.

- EROSION AND SEDIMENT CONTROL NOTES 1. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND PROCEDURES SHALL COMPLY WITH THE STANDARDS AND SPECIFICATIONS OF THE THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION "EROSION AND SEDIMENT CONTROL GUIDELINES FOR NEW DEVELOPMENT".
- 3. PRIOR TO ANY EXCAVATION, SILT FENCE SHALL BE INSTALLED AT THE APPROPRIATE LOCATIONS NOTED ON EROSION CONTROL PLAN. SILT FENCING SHALL BE INSTALLED AS DIRECTED BY THE OWNER'S REPRESENTATIVE IN THE FIELD AND INSTALLED AS PER THE INSTRUCTIONS OF THE MANUFACTURER. ADDITIONAL SILT FENCE MAY BE PLACED BY THE OWNER'S REPRESENTATIVE IN THE FIELD. SILT FENCING SHALL BE MAINTAINED IN OPERABLE CONDITION AND SHALL NOT BE REMOVED UNTIL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
- 4. IMMEDIATELY TOPSOIL & SEED WITH A MIXTURE OF PERENNIAL RYE GRASS, ANNUAL RYE GRASS AND WINTER RYE AND MULCH WITH 6" OF HAY ALL FINISHED SLOPES AND ALL ROUGH CUT SLOPES TO REMAIN OPEN FOR EXTENDED PERIODS.
- ALL SLOPES CONSTRUCTED WITH FILL MATERIAL AND ALL SLOPES WITH GRADE 3:1 OR STEEPER SHALL BE TOPSOILED, SEEDED, MULCHED AND STABILIZED WITH STAKED TOBACCO NETTING, UNLESS OTHERWISE NOTED.
- 6. ALL AREAS OF DISTURBED SOIL SHALL BE STABILIZED. IN ADDITION TO ALL SPECIFIED AND LOCATED EROSION CONTROL DEVICES, THE CONTRACTOR SHALL TAKE ALL STEPS PRUDENT AND NECESSARY TO STABILIZE THE SITE AT ALL TIMES.
- 7. DO NOT STOCKPILE MATERIALS ON STEEP SLOPES, IN DRAINAGE SWALES OR IN WETLAND AREAS. SURROUND ALL STOCKPILE AREAS WITH STAKED HAYBALES OR SILT SCREEN MATERIALS.
 8. UTILITY LINE EXCAVATED MATERIAL SHALL BE TEMPORARILY
- UTILITY LINE EXCAVATED MATERIAL SHALL BE TEMPORARILY STOCKPILED ON HIGH SIDE OF EXCAVATION SO RUNOFF IS DIRECTED AWAY FROM TRENCH. AFTER BACK-FILLING, AREA IS TO BE TOPSOILED, SEEDED AND MULCHED.
 ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE
- PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
 10. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. SEDIMENT SHALL BE DISPOSED OF IN A MANNER THAT DOES NOT RESULT IN ADDITIONAL EROSION OR POLLUTION.
- ADDITIONAL EROSION OR POLLUTION. 1. BLASTING AREAS – ROCK RIPPING WILL BE USED WHEREVER POSSIBLE. BLASTING WILL OCCUR IN ACCORDANCE WITH REGULATIONS AND STANDARDS PRESCRIBED BY THE TOWN OF CORTLANDT.

PIPE SCHEDULE

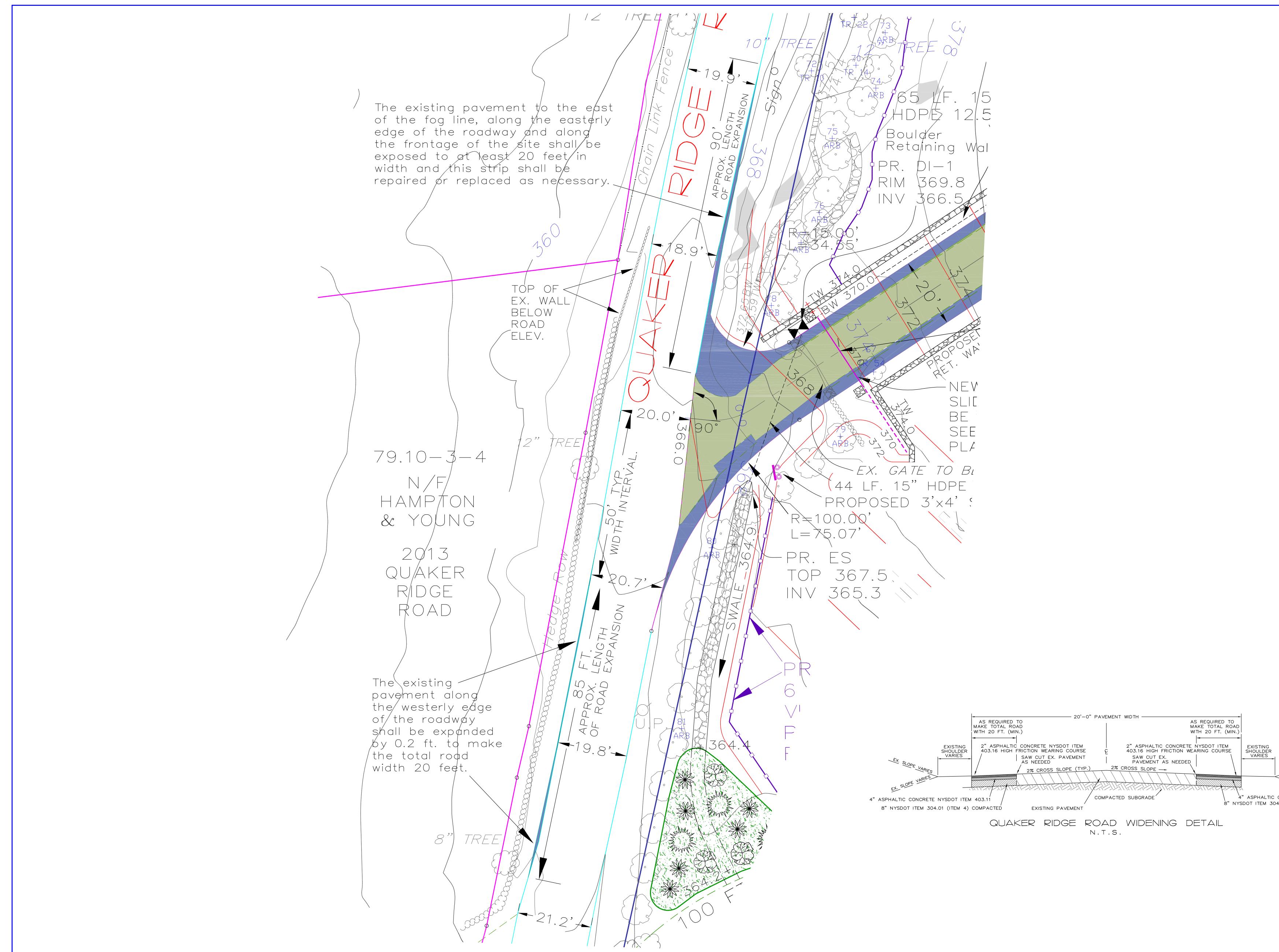
DESCRIPTION	PIPE MATERIAL
WELL LINE INTO MAIN BUILDING	2"HDPE
WATER MAIN DISTRIBUTION	3" DIP CL52
FIRE SERVICE DISTRIBUTION	2" PVC SCH80
FIRE WELL SERVICE	2" PVC SCH80
WATER SERVICE	3/4" TYPE K COPPER
SEWER MAIN	6" PVC SDR35
SEWER LATERAL	4" PVC SDR35
SEWER FORCEMAIN	2" PVC SDR 13.5

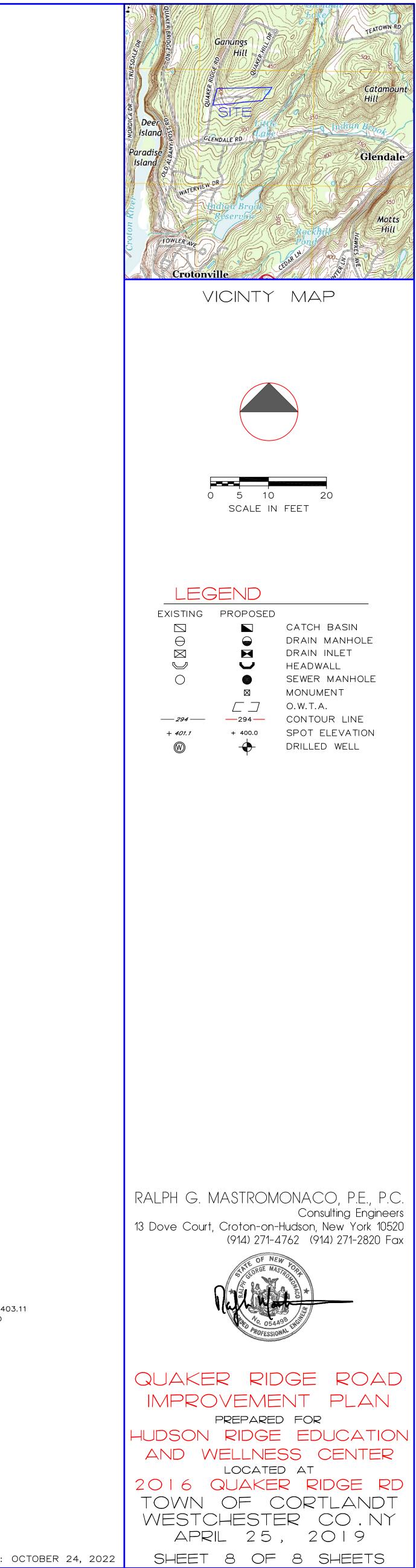
ALL BURIED FIRE SERVICE PIPING MUST BE PROVIDED WITH RED CAUTION TAPE WRAP ALL EXPOSED FIRE SERVICE PIPING MUST BE CLEARLY COLOR CODED RED IN ALL BUILDINGS

RALPH G. MASTROMONACO, P.E., P.C. Consulting Engineers 13 Dove Court, Croton-on-Hudson, New York 10520 (914) 271-4762 (914) 271-2820 Fax

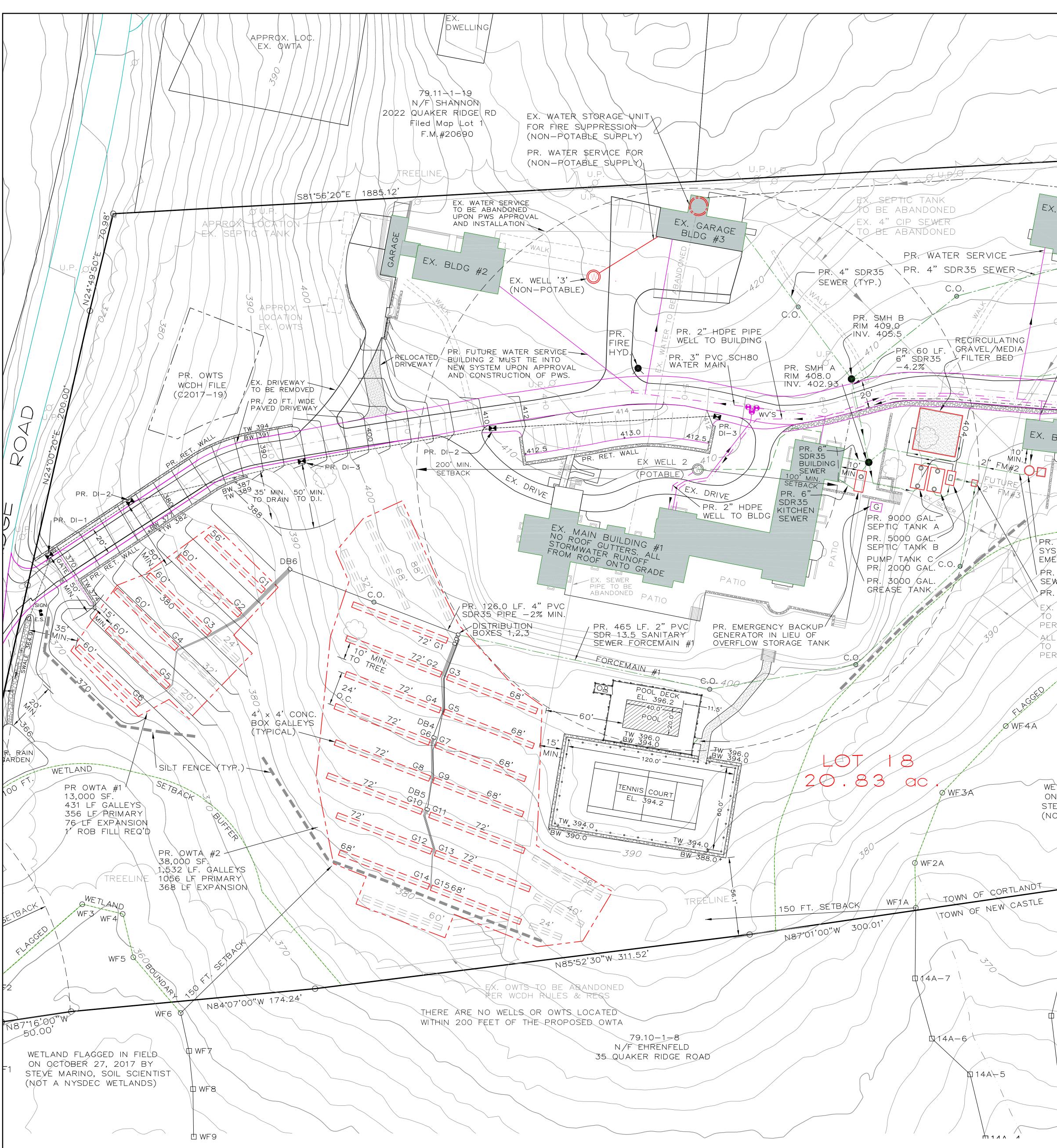


SITE PLAN/ EROSION CONTROL PLAN/ DETAILS/NOTES PREPARED FOR -UDSON RIDGE EDUCATION AND WELLNESS CENTER LOCATED AT 2016 QUAKER RIDGE RD TOWN OF CORTLANDT WESTCHESTER CO.NY JANUARY 8, 2018 SHEET 7 OF 7 SHEETS

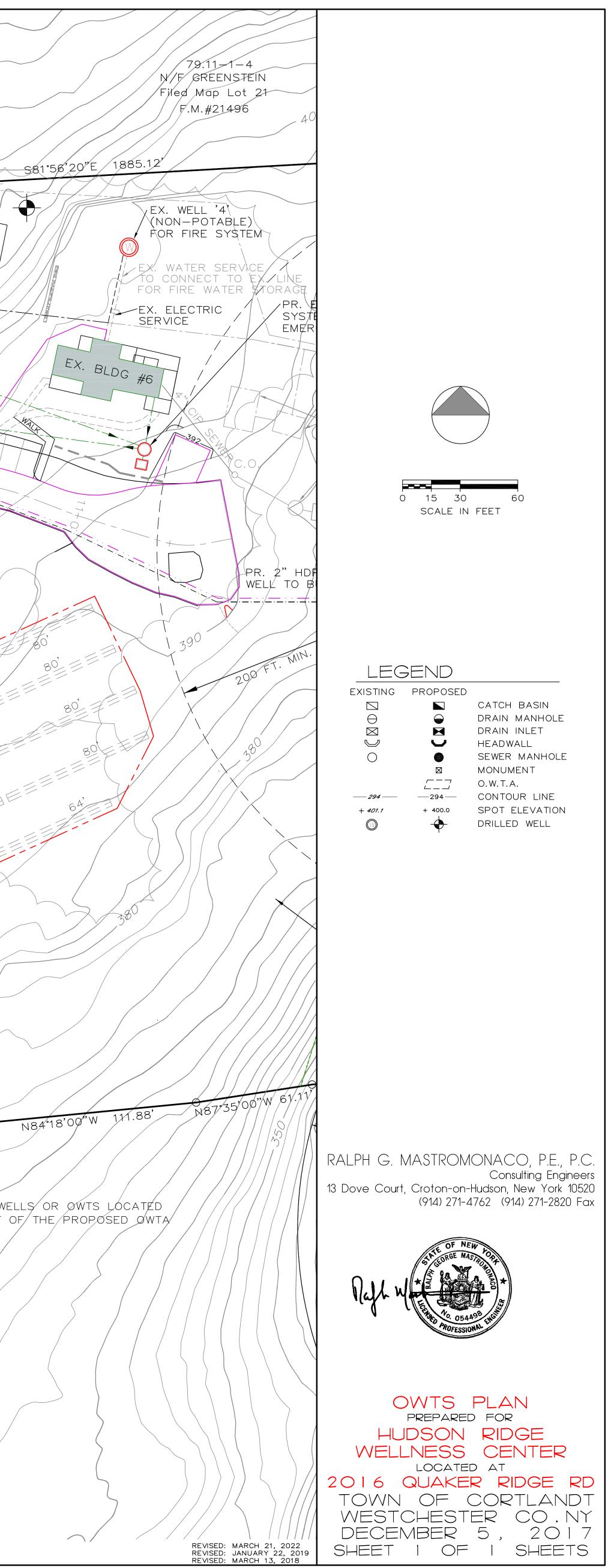




4" ASPHALTIC CONCRETE NYSDOT ITEM 403.11 8" NYSDOT ITEM 304.01 (ITEM 4) COMPACTED



79.11-1-3 N/F SHAPIRO Filed Map Lot 20 F.M.#21496 _____S81°56'20"E /1885.12 NJ.PA EX. BLDG #5 - EX. WATER SYSTEM FOR FIRE SUPRESSION EX. BLDG #4 4" SDR35 SEWER LAT. PR. WATER SERVICE CIP SEWERS TO BE ABANDONED PR. 520 LF, 2" PVC SDR13.5 SANITARY SEWER FORCEMAIN #3 C.O. PR. PARKING PAVED DRIVE PR. WATER SERVICE PR. 295 LF 2" PVC SDR13.5 -— EX. PARKING EX. BLDG #7 I FUTURE SEWER FORCEMAIN #3 to remain MIN. < FM#2 PR. E-ONE SEWER PUMP SYSTEM #2 W/ 500 GALLON EMERGENCY STORAGE TANK PR. 1/20 LF 2" PVC SDR13.5 SEWER FORCEMAIN #2 PR. VALVE CHAMBER EX. SEPTIC TANKS TO BE ABANDONED PER WOOH RULES & REGS ALL EX. SEPTIC FIELDS TO BE ABANDONED AS PR. OWTA #3 PER WOOH RULES & REOS WETLAND (EXPANSION AREA) 19,000 SF. WF6A 828 LF. GALLEYS WF5A FOR EXPANSION ONLY WF7A ØWE4A WF8A WETLAND FLAGGED IN FIELD ON OCTOBER 27, 2017 BY WF9A STEVE MARINO, SOIL SCIENTIST (NOT A NYSDEC WETLANDS) QWF12A N87°57'10"W 200.04 WF13A Ø WF11A WF10A WF14A THERE ARE NO WELLS OR OWTS LOCATED 11A - 4WITHIN 200 FEET OF THE PROPOSED OWTA 11A-1 14A-1 11A - 3図11A-2 14A-2 \sim



"Offsite [Well] Monitoring Plan, Hudson Ridge Wellness Center" by WSP USA, dated October 2022

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OFFSITE MONITORING PLAN HUDSON RIDGE WELLNESS CENTER

2016 QUAKER RIDGE ROAD CORTLANDT, NY

PROJECT NO.: 31401341.000 DATE: OCTOBER 2022

WSP USA 6 RESEARCH DRIVE, SUITE 260 SHELTON, CT 06484

PHONE: +1 (203) 929-8555 FAX: +1 (203) 926-9140 wsp.com

OFFSITE WELL MONITORING PLAN

2016 QUAKER RIDGE ROAD CORTLANDT, NEW YORK

To address the public's concern, the applicant for the Hudson Ridge Wellness Center (HRWC) has committed to conduct an offsite well monitoring program of up to six neighboring wells. This includes soliciting the two nearby homeowner wells that documented a drawdown effect during the 72-hour pumping test, to participate in the offsite well monitoring program. Following approval of the proposed monitoring plan by the Town, the well monitoring program would start three to six months before the certificate of occupancy is issued and continue for up to two years after 75 percent of full occupancy. The duration of the monitoring plan may be extended, at the discretion of the Town, if offsite impacts are observed. A semi-annual hydrogeologic report of pumping volumes and onsite and offsite groundwater levels would be provided to the Town for review. A compliant response and remediation plan is included as Attachment 1.

In addition to the post-approval offsite monitoring plan, as another condition of approval, the applicant will submit monthly operation reports of the project's water usage to the Westchester County Department of Health and to the Town. This will be achieved by individually metering the potable supply wells (Well 1 and Well 2) to confirm the daily and monthly average production of the wells.

After it is confirmed that onsite pumping is sustainable and is not adversely impacting existing offsite wells, the program and reporting would be terminated, following approval of the Town.

To ensure performance of the proposed monitoring plan, the applicant will post \$15,000 security (in the form of a bond) with the Town 45 days prior to the commencement of the offsite monitoring program.

H:\Hudson Ridge Wellness Center\2022\Hudson Ridge Wellness Center_Offsite Well Monitoring Plan.docx

112



ATTACHMENT I

ATTACHMENT I

COMPLAINT RESPONSE AND REMEDIATION PLAN HUDSON RIDGE WELLNESS CENTER CORTLANDT, NEW YORK

The owners of the proposed Hudson Ridge Wellness Center (HRWC) will respond promptly to any complaints from offsite well owners within 1,000 feet of onsite supply wells that allege damage caused by the operations of the well-supply source presently in service. Depending on the nature of the complaint, the complaint will be directed to either WSP USA (WSP) or the water operator of the system, or both, for investigation and remediation, if required. The operating premise of the response to offsite well problems is that damage to a distant offsite well, whether related to the ability of the well to produce its normal supply or water-quality degradation, can only result if significant drawdown of the static water level in the subject well occurred as a result of pumpage on the onsite well-supply sources. The network of offsite monitored wells will provide a rational basis for such determinations, together with data obtained during investigation of the complainant's well.

If any complaint is found to be valid, i.e., a well problem caused by drawdown resulting from pumpage by the onsite sources resulting from pumpage by the onsite water-supply source, the problem will be remediated at the cost of HRWC. If the problem is unrelated to the operations of onsite wells, i.e., caused by normal wear and tear or naturally-occurring conditions, the well owner will be referred to a competent well or pump contractor for remediation at his cost. A written report regarding each compliant will be provided to HRWC and to the complainant within seven days of the completion of any complaint investigation.

For any well problem that is found to have been caused by drawdown resulting from pumpage by the onsite well sources, a remedy or remedies would be offered to the well owner, to be paid by HRWC. Such remedies for a problem caused by drawdown might include lowering a well pump, replacing a well pump, deepening a well, redeveloping a well or drilling a new well. In any such remediation, the costs to HRWC would include restoration of disturbed land or plantings. HRWC would select the most efficacious remediation that is economically warranted.

H:\Hudson Ridge Wellness Center\2022\Attachment I-Complaint Response.doc

"Transportation Management Plan" which also describes the shuttle program, by JMC, dated November 1, 2022

Transportation Management Plan

PROPOSED SPECIALITY HOSPITAL 2016 QUAKER RIDGE ROAD TOWN OF CORTLANDT, NY

Prepared for:

Hudson Education and Wellness Center 72 North State Road, Suite #502 Briarcliff Manor, NY 10510

Prepared by:

JMC

Armonk, NY 10504

Date: February 22, 2018 Revised November 12, 2018 Revision #2 December 17, 2018 Revision #3 March 21, 2022 Revision #4 November 1, 2022

JMC Project 14088

A. INTRODUCTION

This Transportation Management Plan has been prepared in association with the proposed Hudson Ridge Wellness Center located at 2016 Quaker Ridge Road in the Town of Cortlandt, NY, which would restore its prior decades long use as a specialty hospital serving private patients/clients ("clients") with alcohol and substance use disorders and be consistent with the other past institutional use of the property. The proposed use will be accessed via the existing site access driveway at Quaker Ridge Road, which will be improved to enhance the access for emergency vehicles, as requested by the Town.

B. <u>STAFFING AND OPERATIONS</u>

There is always some flexibility in projected staffing patterns and responsibilities when opening such a new specialty hospital in order to effectively respond to its anticipated and unanticipated needs. Notwithstanding such staffing pattern flexibility, staff shall not exceed 65 full and part-time. All the staff will not be on-site at one time spread over four shifts (in other words, the facility has flexibility as to allocate staff within the total limit), and the maximum number of staff on-site at one time would be approximately 23.

Employee work schedules will be established to minimize any traffic impacts by scheduling the staff arrival / departure times outside of the existing peak hours along the area roadways. The shifts are proposed as follows:

Shift I (6:00 AM – 2:00 PM) Shift IA (9:00 AM – 5:00 PM) Shift 2 (2:00 PM – 10:00 PM) Shift 3 (10:00 PM – 6:00 AM)

Snow removal and lawn and yard maintenance will be done by on-site staff, and yard waste will be recycled/mulched on the site, so no truck traffic will be necessary.

C. <u>SHUTTLE VANS</u>

The majority of site generated traffic volumes will be comprised of staff spread over 4 shifts. Two shuttle vans will be provided, for required use by approximately 60% of the employees, primarily lower level non-professional employees, who will be shuttled to and from several transit hub locations outside the Teatown area, including, but not limited to the Croton-Harmon train station or other stations on the Harlem line such as White Plains, and the vans will also transport clients for pick-up from and drop-off at their home, train station, bus stops or other locations as may be required, to be determined as employees are hired.

The area intersections currently operate without significant delays and the projected volumes with and without the proposed use will also be processed without significant delays, even while making various conservative assumptions to provide for an ultraconservative analysis.

During all other hours of the day, the traffic generation by the proposed use will be minimal.

D. <u>VISITORS</u>

There will generally be no visitors. Family weekends will be scheduled for only one day every weekend for family member visitation, family education and family counseling. These family weekends will be staggered, so as the facility approaches and reaches full capacity, only one quarter of the client population will have their family weekend each weekend of the month.

E. <u>DELIVERIES</u>

The estimated weekly delivery traffic would be:

- 5-6 food deliveries weekly (truck size depends on the vendor, but food deliveries aren't made using tractor trailers to this type of account)
- I garbage service weekly, which also picks up recycling
- I laundry service pick-up/drop-off weekly
- I/day UPS pick-up, total of 5 weekly.

The delivery vehicles will be directed to access the property from NY 9A and US 9 and travel through Crotonville via Old Albany Post Road to Quaker Bridge Road to Quaker Ridge Road. Old Albany Post Road, Quaker Bridge Road, and Glendale Road have weight restrictions for vehicles over 5 tons, except for local deliveries, which therefore do not preclude trucks associated with the site from using the roadways. The delivery vehicle drivers will be directed to not travel along the Quaker Bridge Road one-lane bridge over the Croton River.

While the specific vendors and associated delivery vehicles have not been determined, it is expected that most vehicles will be a SU-30 (total length of 30 feet) or shorter and any larger vehicle would not exceed an SU-40 (total length of 40 feet). No tractor trailers will be permitted to make deliveries to the hospital. Only approximately 5% of traffic is anticipated to approach the site from the north on Quaker Ridge Road.

No deliveries by 3rd party service providers, such as deliveries of food/perishables, pharmacy, paper/office supplies, garbage collection, laundry, etc., will occur on weekends.

Existing vehicles along area roadways such as school buses, and presumably service vehicles such as furniture and appliance delivery trucks, moving vans, etc. have apparently not had any issues with using the local roadways.

F. <u>PARKING</u>

The Applicant is currently requesting a special permit for a parking waiver from the Planning Board in accordance with Section 307-34.1 of the Zoning Code. The purpose of the request is for a waiver of 47% of the number of parking spaces required for a general hospital use, which is I per bed, plus I per employee in largest shift or as needed.

The Specialty Hospital, when fully operational, will have 52 patients maximum and a total of approximately 23 employees on the largest shift. The required parking if this were a general hospital use would therefore be 75 spaces. The maximum number permitted to be waived is 50% of the total number of required parking spaces serving a use (Section 307-34.1.C.(4)), which

would result in a total of 37.5 spaces to be provided, with the Applicant requesting a total of 40 spaces.

The Planning Board, by special permit, may grant relief from the parking requirements required pursuant to Article VIII of the Zoning Code, based on the criteria in Section 307-34.1.B.

The proposed use, although a hospital, is a specialty hospital and will functionally operate more like a nursing home, having no emergency room, and no outpatient treatment, with longer patient stays, fewer visitors, and no cars owned or used by the patients. A "nursing home" requires I parking space per 2.5 beds, plus I per employee on maximum shift per the Zoning Code. This results in 44 spaces required for a nursing home of comparable size. However, the proposed specialty hospital requires even fewer parking spaces than a typical nursing home for the following reasons:

Unlike a typical nursing home:

- Visitors for each patient are permitted a maximum of only one weekend day per month per an assigned schedule;
- (2) A portion of the employees will utilize two shuttle vans for transport to and from train station(s) and other transit locations, reducing the number of parking spaces required for employees.

The Applicant will monitor the parking utilization of the site biannually and provide a report to the Department of Technical Services until two years subsequent to the full occupancy of the facility, and will construct additional spaces in the unlikely event the existing spaces are 90% occupied during the monitoring studies, subject to amended site plan approved by the Planning Board.

The Applicant will monitor traffic volumes when the patient occupancy reaches 75 percent and for 2 years after 75 percent occupancy, to compare actual future volumes to the projected volumes. Automatic Traffic Recorders (ATR) will record 24 hour directional volumes along the

4

site access driveway (entering and exiting) as well as along Quaker Ridge Road northbound and southbound, both north and south of the site access driveway. The details of the traffic monitoring protocol will be coordinated with the Town staff and traffic consultant.

G. <u>SECURITY GATE</u>

The existing gate is proposed to be removed to accommodate the driveway improvements and a new decorative gate is proposed further inside the property. The Applicant will modify the use of the gate and the gate will be open from 6:00 AM to 8:00 PM to prevent any queuing from the driveway within the Town right of way.

Employees arriving via passenger vehicles as well as the employee vans after 8:00 PM for the lower employee 10:00 PM shift will be able to open the gate themselves as they arrive. Based on studies we have conducted at an office development with security gates, employees typically take approximately six seconds to activate the gate and enter past the gate. An intercom will be provided for communication between an occasional approaching driver between 8:00 PM and 6:00 AM, including emergency vehicles, and on-site personnel so that the gate can be opened. A closed continual video camera will also monitor the gate. If there were to be a known emergency such as a fire, the gate would be opened by staff and remain open during the event.

H. <u>Traffic Mitigation Summary</u>

The below summarizes the various traffic mitigating factors discussed above:

- 1. The hospital's clients are not permitted to have vehicles on site or use vehicles during their stay.
- Employee work schedules will be established to minimize any traffic impacts by scheduling the staff arrival / departure times outside of the existing peak hours along the area roadways. The shifts are proposed as follows:

Shift I (6:00 AM – 2:00 PM)

Shift 1A (9:00 AM – 5:00 PM) Shift 2 (2:00 PM – 10:00 PM) Shift 3 (10:00 PM – 6:00 AM)

- 3. The majority of site generated traffic volumes will be comprised of staff spread over 4 shifts. Two shuttle vans will be provided, for required use by a substantial portion of the employees, primarily lower level non-professional employees, who will be shuttled to and from the Croton Harmon train station or another station on the Harlem line such as White Plains, and the vans will also transport clients for pick-up from and drop-off at their home, train station, bus stops or other locations as may be required, to be determined as employees are hired.
- 4. The area intersections currently operate without significant delays and the projected volumes with and without the proposed use will also be processed with little or no delay, even while making various conservative assumptions to provide for an ultraconservative analysis.
- 5. The delivery vehicles will be directed to access the property from NY 9A and US 9 and travel through Crotonville via Old Albany Post Road to Quaker Bridge Road to Quaker Ridge Road. Old Albany Post Road, Quaker Bridge Road, and Glendale Road have weight restrictions for vehicles over 5 tons, except for local deliveries, which therefore do not preclude trucks associated with the site from using the roadways. The delivery vehicle drivers will be directed to not travel along the Quaker Bridge Road one-lane bridge over the Croton River. While the specific vendors and associated delivery vehicles have not been determined, it is expected that most vehicles will be a SU-30 (total length of 30 feet) or shorter and any larger vehicle would not exceed an SU-40 (total length of 40 feet). No tractor trailers will be permitted to make deliveries to the hospital. No deliveries by 3rd party service providers, such as deliveries of food/perishables, pharmacy, paper/office supplies, garbage collection, laundry, etc., will occur on weekends.
- 6. Visitors are permitted visitation a maximum of only one weekend day per month per an assigned schedule, with only 25% of clients permitted visitation on any weekend.

6

- 7. The security gate will be monitored and will be open during high traffic periods of the day, thereby preventing queuing on Quaker Ridge Road.
- 8. Snow removal and lawn and yard maintenance will be handled by on-site staff, with yard waste recycled/mulched on the site.
- 9. The Applicant will monitor the parking utilization of the site biannually until two years subsequent to the full occupancy of the facility, and will construct additional spaces in the unlikely event the existing spaces are 90% occupied during the monitoring studies, subject to amended site plan approved by the Planning Board.
- 10. The Applicant will monitor traffic volumes when the patient occupancy reaches 75 percent and for 2 years after 75 percent occupancy, to compare actual future volumes to the projected volumes. Automatic Traffic Recorders (ATR) will record 24 hour directional volumes along the site access driveway (entering and exiting) as well as along Quaker Ridge Road northbound and southbound, both north and south of the site access driveway. The details of the traffic monitoring protocol will be coordinated with the Town staff and traffic consultant.

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Construction Schedule, Sequencing and Staging Plan

Hudson Education and Wellness	Construction Schedule, Sequencing and Staging Plan												
	MONTHS DURATION (start and finish)												
ITEM	1	2	3	4	5	6	7	8	9	10	11	12	
<u>Site Work:</u>													
Install Erosion Control Where Needed													
Install Piping Connections for Existing Well													
Install Fencing and Berms Along Sidelines Where Indicated													
Install Berms and tree along sidelines where indicated													
Install Water Quality Basin													
Commence Work on Driveway Grading and Pave Driveway													
Architectural:													
Commence Interior Work on Building #1													
Commence Interior Work on Buildings 2-7									1		1	1	
Septic system:													
Commence Work on Septic Tankage and Treatment System													
Commence Work on Septic Galleys													
Site Amenities:													
Commence Work on Parking and Walkways													
Commence Work on Exterior Lighting													
Commence Work on Pool and Tennis Court													
Restoration:													
Re-Seed / Install Plantings / Sod										7			
			1 i i i i i i i i i i i i i i i i i i i	1	1								

"Security Protocol" by Hudson Ridge Wellness Center, dated November 17, 2022

Security Protocol

PROPOSED SPECIALITY HOSPITAL 2016 QUAKER RIDGE ROAD TOWN OF CORTLANDT, NY

Prepared for:

Hudson Education and Wellness Center 72 North State Road, Suite #502 Briarcliff Manor, NY 10510

Prepared by:

Planning Engineering

JMC Planning Engineering Landscape Architecture & Land Surveying, PLLC 120 Bedford Road Armonk, NY 10504

JMC Project 14088

Date: November 17, 2022

STAFF

The security staff are responsible for the ongoing safety of clients, staff and other visitors to the HRWC campus and will not be armed with weapons of any type. The methods utilized by security staff to ensure the safety and security of clients, staff and visitors will include patrolling the campus on foot and in a vehicle and will communicate with the use of radios. Security staff and other staff will be trained to utilize verbal, non-violent crisis intervention de-escalation techniques / strategies to address situations on campus where someone presents as agitated / upset. By policy, the organization will not utilize physical, mechanical or chemical restraint of clients. Security staff will be trained to utilize temporary physical "holds" when required by the specific situation where someone may be considered a danger to harm themselves or others, until the situation settles down.

VOLUNTARY NATURE OF ADMISSION

Upon admission to Hudson Ridge Wellness Center, each patient agrees to not leave the program or the program grounds without permission of the staff. Admission to the Hudson Ridge Wellness Center Residential Program is voluntary and any patient who wishes to leave the facility is free to do so. The rules of the facility require each patient to inform the clinical staff if they wish to leave prior to the completion of treatment so that the discharge may be planned and alternative treatment and living arrangements can be made. Clinical staff may counsel the person to remain in treatment if that is the treatment team's recommendation.

STAFF OBSERVATION OF PATIENTS

Patients are under staff observation at all times, and the buildings and grounds are under video surveillance by staff at all times.

DEFINITION OF A MISSING PATIENT

Missing patient means a patient in a residential facility who has not been accounted for when and where such patient is expected to be present and whose location has not been determined by means of immediate and appropriate diligent efforts.

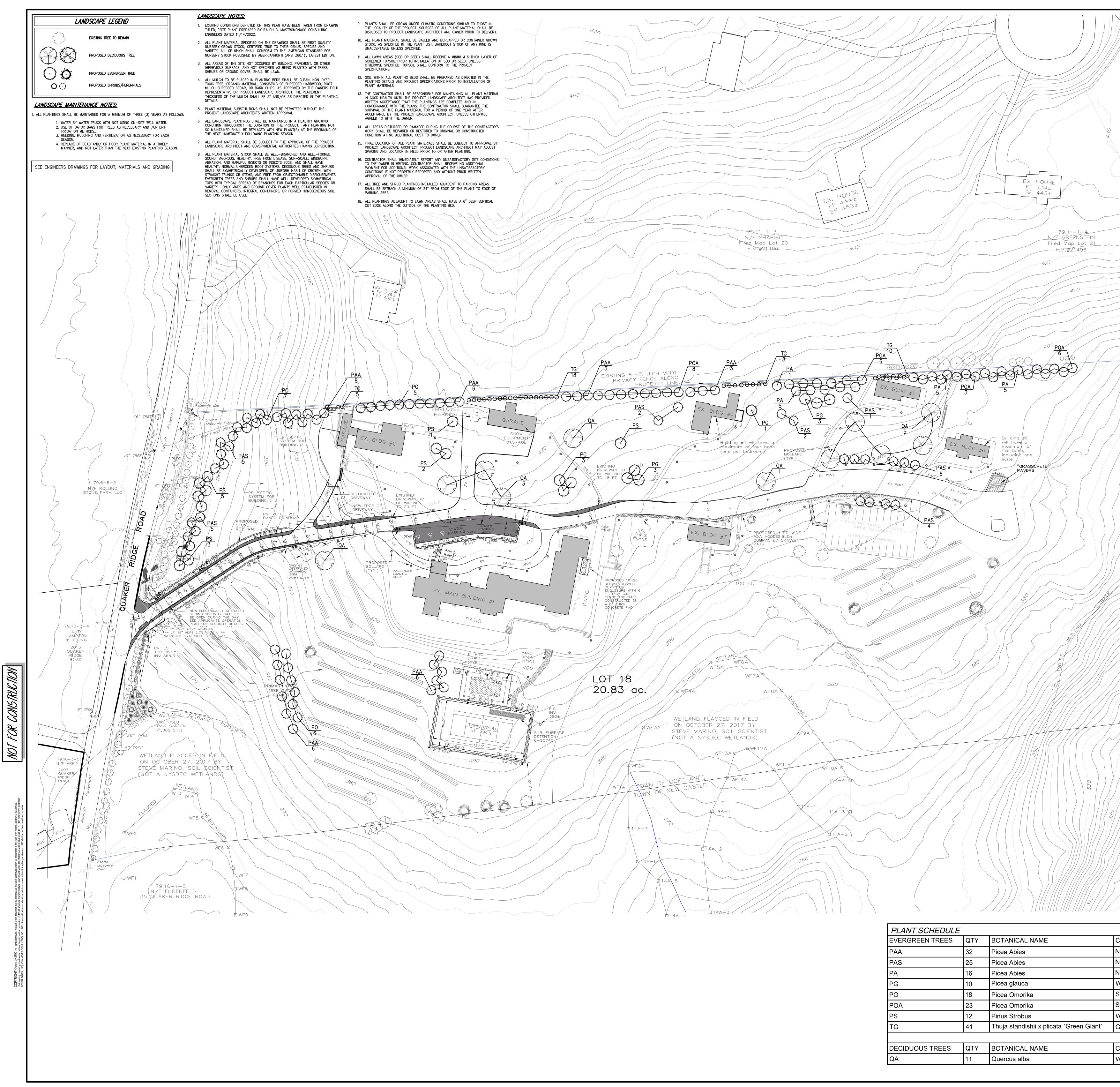
NOTIFICATION OF FAMILY MEMBER OR SIGNIFICANT OTHER

Residents next of kin or guardians will be notified immediately if the resident is missing, unless the involved resident is a capable adult and objects to such notification.

EFFORTS TO LOCATE THE MISSING PATIENT

In the case of a missing patient the appropriate supervisory staff member must be notified immediately. If such supervisor deems it necessary, a diligent search will be made by staff of the physical plant, grounds and surroundings. Telephone inquiries may be made to the person's home or any other appropriate location, provided such calls are made in such manner so as not to violate confidentiality requirements of 42 CFR Part 2. A patient is deemed missing if they have not been accounted for after 24 hours. A patient is not deemed missing if they have given prior notice to staff of their intention to leave treatment or to remove themself to a specific location outside of the facility. Incident reports of a missing patient must state the efforts made to locate the patient as well as the outcome of such efforts.

"Site Landscape Plan", including landscaping monitoring and maintenance plan, by JMC, dated November 21, 2022



PLANT SCHEDULE	Ī		
EVERGREEN TREES	QTY	BOTANICAL NAME	СС
PAA	32	Picea Abies	No
PAS	25	Picea Abies	No
PA	16	Picea Abies	No
PG	10	Picea glauca	WI
PO	18	Picea Omorika	Se
POA	23	Picea Omorika	Se
PS	12	Pinus Strobus	W
TG	41	Thuja standishii x plicata `Green Giant`	Gr
DECIDUOUS TREES	QTY	BOTANICAL NAME	СС
QA	11	Quercus alba	WI

79.11-N/F GRAY 8 Eiled Map F.M,#21 C) WF10B \leq Щ CEN⁻ #502 RK 10; IESS (STREET JEW YOR Ø/WF8B / WELLN I STATE RIDGE V 72 NORTH WETLANDS FLAGGED IN FIELD ON OCTOBER 27, 2017, BY STEVE MARINO, SOIL SCIENTIST (NOT A NYSDEC WETLANDS) (WF5E Ž /QWF4B WF5C WF4C WF6C WETLANDS FLAGGED IN FIELD ON OCTOBER 27, 2017, BY STEVE MARINO, SOIL SCIENTIST ØWF6D (NOT A NYSPEC WETLANDS) N/F WEINBERGER Filed Map Lot 11 F.M.#23865 WF8D / AN AL Ц SPECIALITY HOSP CONTLANDT, NEW YORK ANDSCAPE **SED** 2016 MN OF \mathbf{O} Ш Ю . *S* Ñ ם ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY REMARKS COMMON NAME ROOT COND. SIZE SECTION 7209, SUBSECTION 2. Norway Spruce 10` - 12` HT. B&B Norway Spruce 12` - 14` HT. B&B Norway Spruce 8` - 10` HT. B&B B&B White Spruce 8` - 10` HT. B & B Serbian Spruce 10` - 12` HT. Serbian Spruce 8` -10` HT. B & B 8` -10` HT. B & B Vhite Pine Drawn: JJ Approved: LVM 8`-10` HT B & B Green Giant Arborvitae Scale: 1" = 40' Date: 11/21/2022 Project No: 14088 ROOT COND. REMARKS SIZE COMMON NAME Drawing No: 3" - 3 1/2" CAL. B&B White Oak LP-1

Proposed Site Fencing is depicted on Drawing Number 6, above, "Site Plan/Proposed Disturbance Plan" by Ralph G. Mastromonaco, PE PC Consulting Engineers, revision dated 10/24/2022



Photometrics are depicted on Drawing Number 4, above, "Site Plan/Lighting Plan and Photometric Plan" by Ralph G. Mastromonaco, PE PC Consulting Engineers, revision dated 10/24/2022

