AMATO LAW GROUP, PLLC

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GARDEN CITY, NY 11530
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March 20, 2025

VIA ELECTRONIC MAIL
Central Pine Barrens
Joint Planning & Policy Commission
624 Old Riverhead Road
Westhampton Beach, New York 11978
Attn.; Julie Hargrave, Policy and Planning Manager

Re: Demonstration of Conformance with the Standards and Guidelines for Land Use by New York SMSA Limited Partnership d/b/a Verizon Wireless ("Verizon Wireless") to the Central Pine Barrens Joint Planning & Policy Commission (the "Commission") in connection with its proposal to construct a new wireless communications facility (the "Communications Facility") at 2195 William Floyd Parkway, Ridge, New York, as shown on the Suffolk County Tax Map as District 200, Section 242, Block 1, Lots 1.2 & 1.4 (the "Property")
NYSMSA Site Ref.: NY- Ridge 2 / Our File No.: 100-1694
Commission Site Ref.: Verizon Wireless at Suffolk County STP Property

Dear Ms. Hargrave:

In connection with the above-referenced matter, and as a follow up to our recent email correspondence, Verizon Wireless has revised the design of the proposed Communications Facility that was reviewed by the Commission pursuant to the enclosed correspondence, dated April 22, 2020. To facilitate the Commission's review of the revised Communications Facility design, the following materials are enclosed:

1. Construction drawings, prepared by APT Engineering ("APT"), last revised on December 3, 2024 (the "Revised Drawings"); and

2. Full Environmental Assessment Form, prepared by VHB Engineering, Surveying, Landscape Architecture and Geology, P.C., ("VHB"), updated as of December 5, 2024 (the "EAF").

As depicted in the Revised Drawings, the Communications Facility design has been revised to include the following:

- An increase in the size of the fenced equipment compound area (the "Compound") from 20' x 60' (1,200 square feet) to 30' x 55' (1,650 square feet);

- An increase in the size of the concrete pad supporting the equipment cabinets and emergency generator (the "Equipment Pad") located within the Compound from 10' x 12' (120 square feet) to 10' x 20' (200 square feet);

- An increase in the size of the concrete pad supporting the propane tank (the "Propane Tank Pad") located within the Compound from 3' x 6' (18 square feet) to 4' x 10' (40 square feet), together with the installation of one (1) 500-gallon propane tank in lieu of the two (2) previously proposed 120-gallon propane tanks on the Propane Tank Pad;

- The installation of fourteen (14) bollards surrounding the northwest portion of the Compound; and

- The removal of three (3) trees to accommodate access to the existing gate that is located to the north of the proposed Compound area.

As you know, the Commission recently amended Chapters 4-6 of the Central Pine Barrens Comprehensive Land Use Plan, with an effective date of April 19, 2024 (the "Amended Plan"). To assist with your review, please see the following demonstration of conformity analysis under the Standards and Guidelines for Land Use set forth in Chapter 5 of the Amended Plan:

Standard: **5.3.3.1.1 Suffolk County Sanitary Code Article 6 compliance**
All development proposals subject to Article 6 of the Suffolk County Sanitary Code ("Realty Subdivisions, Developments and Other Construction Projects") shall meet all applicable requirements of the Suffolk County Department of Health Services. Projects which require variances from the provisions of Article 6 shall meet all requirements of the Suffolk County Department of Health Service's Board of Review in order to be deemed to have met the requirements of this standard.

Response: This standard, related to water supply and sewage disposal for subdivisions, developments, and residences, is inapplicable to this project. The Communications Facility will be unmanned, and will not require a potable water supply, nor will it generate any waste for disposal. (*See* EAF pp. 7-8.)

Standard: **5.3.3.1.2 Sewage treatment plant discharge**
Where deemed practical by the County or State, sewage treatment plant discharge shall be outside and downgradient of the Central Pine Barrens. Treatment systems that are approved by the New York State Department of Environmental Conservation or the Suffolk County Department of Health Services may be used in lieu of a sewage treatment plant.

Response: This standard is inapplicable to this project. The Communications Facility will be unmanned, and will not generate any sewage or require sewage treatment facilities. (*See* EAF p. 8.)

Standard: **5.3.3.1.3 Suffolk County Sanitary Code Articles 7 and 12 compliance**
All projects must comply with the provisions of Articles 7 and 12 of the Suffolk County Sanitary Code, including any provisions for variances or waivers if needed, and all applicable state laws and regulations in order to ensure that all necessary water resource and wastewater management infrastructure shall be in place prior

to, or as part of, the commencement of construction.

Response: This standard, related to water pollution control and the storage and handling of toxic materials, is inapplicable to this project. The proposed Communication Facility will be unmanned, and will not generate sewage, industrial waste, or other wastes requiring disposal, including hazardous waste. (*See* EAF p. 12.)

Standard: **5.3.3.1.4 Commercial and industrial compliance with the Suffolk County Sanitary Code**
All commercial and industrial development applications shall comply with the provisions of the Suffolk County Sanitary Code as applied by the Suffolk County Department of Health Services, and all other applicable federal, state or local laws. Development projects which require variances from the provisions of the Suffolk County Sanitary Code shall meet all requirements of the Department of Health Service's Board of Review in order to be deemed to have met the requirements of this standard.

Response: Verizon Wireless acknowledges and agrees to comply with this standard to the extent applicable. As referenced above, the Communications Facility will be unmanned, and will not require a potable water supply, nor will it generate any waste for disposal. (*See* EAF pp. 7-8 and 12.)

Standard: **5.3.3.3.1 Significant discharges and public supply well locations**
The location of public supply wells shall be considered in all applications involving significant discharges to groundwater, as required under the New York State Environmental Conservation Law Article 17.

Response: The Communications Facility design conforms to this standard. The proposed Communication Facility will be unmanned, and will not result in any significant discharges to groundwater. (*See* EAF p. 8.)

Standard: **5.3.3.4.1 Nondisturbance buffers**
Development proposals for sites containing or abutting freshwater or tidal wetlands or surface waters must be separated by a nondisturbance buffer area that is no less than [that] required by the New York State Tidal Wetland, Freshwater Wetland, or Wild, Scenic and Recreational Rivers Act or local ordinance. The Commission reserves the right to require a stricter and larger nondisturbance buffer for development projects not subject to municipal review. Distances shall be measured horizontally from the wetland edge as mapped by the New York State Department of Environmental Conservation, field delineation or local ordinance. Projects which require variances or exceptions from these state laws, local ordinances and associated regulations, shall meet all requirements imposed in a permit by the New York State Department of Environmental Conservation or a municipality in order to be deemed to have met the requirements of this standard.

Response: Please note the following from the Attachment in the EAF:

> NYSDEC Freshwater Wetland MD-16 occurs in the vicinity of the Subject Property. Pursuant to the NYSDEC's September 14, 2023, Letter of No Jurisdiction/No Permit Necessary determination (see attached), the Proposed Project, including associated clearing and disturbance, is located more than 100 feet from NYSDEC Freshwater Wetland MD-16. Therefore, the Proposed Action is located beyond the jurisdiction of Article 24 (Freshwater Wetlands Act) and a Freshwater Wetlands Permit is not required.

Standard: **5.3.3.4.2 Buffer delineations, covenants and conservation easements**
Buffer areas shall be delineated on the site plan, and covenants and/or conservation easements, pursuant to the New York State Environmental Conservation Law and local ordinances, shall be imposed to protect these areas as deemed necessary.

Response: This standard, related to wetland buffer areas, surface waters, and the imposition of covenants and/or conservation easements, should be inapplicable to this project. As noted above, the EAF indicates that the project area, "[i]s located more than 100 feet from NYSDEC Freshwater Wetland MD-16. Therefore, the Proposed Action is located beyond the jurisdiction of Article 24 (Freshwater Wetlands Act) and a Freshwater Wetlands Permit is not required."

Standard: **5.3.3.4.3 Wild, Scenic and Recreational Rivers Act compliance**
Development shall conform to the provisions of the New York State Wild, Scenic and Recreational Rivers Act, where applicable. Projects which require variances or exceptions under the New York State Wild, Scenic and Recreational Rivers Act shall meet all requirements imposed by the New York State Department of Environmental Conservation in order to be deemed to have met the requirements of this standard.

Response: This standard is inapplicable to this project. The Property is not located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program. (*See* EAF page 18.)

Standard: **5.3.3.5.1 Stormwater recharge**
Development projects must provide that all stormwater runoff originating from development on the property is recharged on site unless surplus capacity exists in an off site drainage system.

Response: The proposed Communication Facility will incorporate minimal impervious surfaces in the form of the proposed 200 ± square foot Equipment Pad and 40 ± square foot Propane Tank Pad. Further, according to the Engineer of Record, APT:

> Stormwater velocity at the Property following the proposed Communication Facility installation will remain the same as under existing conditions, and

the Property has sufficient available storage volume to accommodate the increase in impervious surfaces. Accordingly, the impervious surfaces associated with the proposed Communication Facility will not affect stormwater runoff drainage and recharge on the Property, or prevent the infiltration of stormwater to the ground.

Standard: **5.3.3.5.2 Natural recharge and drainage**
Natural recharge areas and/or drainage system designs that cause minimal disturbance of native vegetation should be employed, where practical, in lieu of recharge basins or ponds that would require removal of significant areas of native vegetation.

Response: The Communications Facility design conforms to this standard. Despite a minor increase in impervious surface area, the plan allows for natural recharge and avoids the use of an excavated basin or pond.

Standard: **5.3.3.5.3 Ponds**
Ponds should only be created if they are to accommodate stormwater runoff, not solely for aesthetic purposes.

Response: The Communications Facility design conforms to this standard, as the project does not involve the creation of ponds.

Standard: **5.3.3.5.4 Natural topography in lieu of recharge basins**
The use of natural swales and depressions should be permitted and encouraged instead of excavated recharge basins, whenever feasible.

Response: The Communications Facility design conforms to this standard, as it will take advantage of the natural topography in lieu of excavated recharge basins.

Standard: **5.3.3.5.5 Soil erosion and stormwater runoff control during construction**
During construction, the standards and guidelines promulgated by the New York State Department of Environmental Conservation pursuant to state law, which are designed to prevent soil erosion and control stormwater runoff, should be adhered to.

Response: Verizon Wireless acknowledges this standard and agrees to comply with same. Please also note that the Revised Drawings include sediment and erosion control notes and guidelines (*see* Sheet EC-1).

Standard: **5.3.3.6.1 Vegetation clearance limits**
The clearance of natural vegetation shall be strictly limited. Site plans, surveys and subdivision maps shall delineate the existing naturally vegetated areas and calculate those portions of the site that are already cleared due to previous activities.

Areas of the site proposed to be cleared combined with previously cleared areas

shall not exceed the percentages in Figure 5-1. These percentages shall be taken over the total site and shall include, but not be limited to, roads, building sites, drainage structures and landbanked parking. The clearance standard that would be applied to a development project site if developed under the existing residential zoning category may be applied if the proposal involves multi-family units, attached housing, clustering or modified lot designs. Site plans, surveys and subdivision maps shall be delineated with a clearing limit line and calculations for clearing to demonstrate compliance with this standard.

To the extent that a portion of a development project site includes Core property, and for the purpose of calculating the clearance limits, the site shall be construed to be the combined Core and CGA portions. However, the Core portion may not be cleared except in accordance with Section 5.2 of the Plan.

Response: As indicated in the Revised Drawings, which include a survey of the Property, the proposed Communication Facility will be primarily located within an area of the Property that was previously disturbed. As noted above, it will be necessary to remove three (3) trees to accommodate vehicle access to the existing gate that is located to the north of the proposed Compound area.

According to APT, 46% of the Property will have been cleared after the Communications Facility installation work has been completed, and 54% will remain in its natural state.

Standard: **5.3.3.6.1.1**
Development project sites which consist of non-contiguous parcels shall be treated as if the parcels were contiguous for purposes of determining conformance.

Response: This standard is inapplicable to this project. The project does not involve non-contiguous parcels.

Standard: **5.3.3.6.1.2**
Development project sites which consist of parcel(s) that are split among two or more zoning categories shall have a total clearing allowance for the entire site which is the sum of the individual clearances for each separately zoned portion of the site.

Response: This standard is inapplicable to this project. The Property is not subject to two or more zoning categories.

Standard: **5.3.3.6.1.3**
Development project sites in Residential Overlay Districts that include the redemption of Pine Barrens Credits shall apply Figure 5-1 based on the resulting average lot size after the redemption of Credits, rather than the base zoning lot size. To determine the amount of clearing allowed, interpolate the maximum site clearance percentage using Figure 5-1, as long as the requirements of the Town

Code and of Section 6.4 of the Plan are met.

Response: This standard is inapplicable to this project. This project is not in a Residential Overlay District, and does not include the redemption of Pine Barrens Credits.

Standard: **5.3.3.6.1.4**
Land cleared for purposes of conducting environmental restoration pursuant to ECL 57-0107(13)(c), shall be considered "natural vegetation," and shall not be considered "cleared" or "previously cleared" land in determining conformance.

Response: This standard is inapplicable to this project. This project does not involve land cleared for purposes of conducting environmental restoration activities.

Standard: **5.3.3.6.1.5**
Persons seeking relief from clearing requirements on development project sites must file a CGA hardship application.

Response: This standard is inapplicable to this project. Verizon Wireless is not seeking relief from any clearing requirements.

Standard: **5.3.3.6.1.6**
For a project site which is split between the Core Preservation Area and the Compatible Growth Area, and within which Pine Barrens Credits have been issued for the Core Preservation Area portion, only the Compatible Growth Area acreage shall be used to determine the amount of clearing allowed according to Figure 5-1.

Response: This standard is inapplicable to this project. No portion of this project is located within the Core Preservation Area.

Standard: **5.3.3.6.2 Open space standard requirement, unfragmented open space and habitat**
Development project sites must meet at a minimum the percentages of open space specified in Figure 5-1 regardless of existing physical site conditions. Applicants must prioritize first the use of existing cleared areas for development on a project site prior to clearing areas of natural vegetation. Site plans, surveys and subdivision maps must delineate the open space boundary lines and include the calculation of open space areas to demonstrate conformance with this standard. Applicants must identify the receiving entity to which dedicated open space will be transferred as required by Standard 5.3.3.6.5.

Conservation design promotes the creation of open space that permanently protects the significant natural and cultural resources and environmental features of a site by concentrating development into compact areas. This will be required for development projects and accomplished through the use of conservation design methods that include clustering, reduced density development design, or similar methods that achieve the requirements of this section. In determining which areas

of a development project site to set aside as open space, the order of priority, from highest to lowest, shall be as follows:

- Areas that include any species, habitats or significant attributes required to be protected under existing regulations. This includes, but is not limited to, wetlands; the habitats of endangered; threatened and special concern species; floodplains; archaeological sites and burial grounds and cemeteries.

- Areas that contain woodlands followed by other natural areas.

- Areas that contain woodlands and other natural areas adjacent to existing open space, that will connect open space areas into large contiguous, unbroken blocks of habitat. This should include consideration of existing and planned future development of adjacent properties.

Project sites that do not have sufficient existing natural areas to meet the open space requirement specified in Figure 5-1 due [to] prior development or use, will be required to revegetate areas to satisfy this standard. This will include sites that do not meet the open space requirement due to pre-existing clearing or disturbance, formalized landscaped and turf areas and/or impervious surfaces.

A range of one or more restoration methods may be required that include, but are not limited to, the "Self-Heal" approach, active restoration with nursery stock, and/or transplantation activities. The "Self-Heal" approach should be the first approach used for restoration of areas to be set aside as open space, unless otherwise prevented by site conditions. The "Self-Heal" approach is preferable because it allows existing live seed banks, rhizomes, roots, etc. to naturally recolonize a disturbed area rather than using active restoration with nursery stock grown offsite. The transplanting of natural vegetation from areas proposed to be developed should also be considered and implemented where feasible.

The restoration of these areas will require the preparation of a restoration plan that will be subject to the review and approval of the approving agency. The plan will include at a minimum, a description of the restoration method, map of areas to be restored, site preparation work, schedule for implementation, monitoring and reporting requirements to guarantee a success rate of 85% after three to five years, and invasive species management, and reporting requirements. Since site conditions can vary, the approving agency may require other provisions in the restoration plan to ensure successful restoration of these areas to serve as open space. If the Self-Heal approach fails to successfully restore the areas, a restoration plan will need to be developed and approved by the reviewing agency that provides for active restoration with native species.

The restoration area once it has been successfully restored with native species must be protected as the open space area in accordance with Standard 5.3.3.6.5, Receiving entity and protection for open space areas.

Responses: As noted above and depicted in the Revised Drawings, the proposed Communication Facility will be primarily located within a an area of the Property that was previously disturbed. According to APT, 46% of the Property will have been cleared after the Communications Facility installation work has been completed, and 54% will remain in its natural state. Please note that it will be necessary to remove three (3) trees to accommodate vehicle access to the existing gate that is located to the north of the proposed Compound area. Please note that the allowable clearance limit for parcels owned by a public corporation is 60% (*see* Figure 5-1 of the Amended Plan).

Standard: **5.3.3.6.3 Fertilizer-dependent vegetation limit**
No more than 15% of an entire development project site shall be established in fertilizer-dependent vegetation including formalized turf areas. Generally, nonnative species require fertilization therefore, planting of such nonnative species shall be limited to the maximum extent practicable. Development designs shall be in conformance with Standard 5.3.3.6.4 Native plantings.

Response: This standard is inapplicable to this project. Verizon Wireless is not proposing any landscaping or vegetation in connection with its Communication Facility, fertilizer-dependent or otherwise.

Standard: **5.3.3.6.4 Native plantings**
Development designs shall incorporate the species listed as "recommended" in Figure 5-2 "Planting Recommendations." Landscaping and restoration plans shall strive to use Long Island native genotypes, unless the plants are not available. A more extensive list of acceptable and unacceptable plants is available from the Commission office.

Response: This standard is inapplicable to this project. Verizon Wireless is not proposing any landscaping or plantings in connection with its Communication Facility, native or otherwise.

Standard: **5.3.3.6.5 Receiving entity and protection for open space areas**
The use, maintenance and management of open space shall be considered when protecting open space areas. The project applicant must specify the entity to which the open space will be dedicated. The protection of the open space shall be guaranteed by dedicating the open space to a government entity, private not for profit, land conservation management organization, homeowner's association or similar entity through the transfer of title or a permanent conservation easement or covenant recorded with the Suffolk County Clerk, or similar mechanism to ensure open space protection.

Response: This standard is inapplicable to this project. The proposed Communication Facility will be primarily located within a previously disturbed non-vegetated area of the Property, which is utilized for Suffolk County Sewer District #20 operations, and will not affect the existing open space. Moreover, the Property is already owned by

a government entity (i.e., County of Suffolk).

Standard: **5.3.3.7.1 Special species and ecological communities**
Where a significant impact is proposed upon a habitat essential to those species identified on the New York State maintained lists as rare, threatened, endangered or of special concern, or upon natural communities classified by the New York State Natural Heritage Program as G1, G2, G3 or S1, S2 or S3, or on any federally listed endangered or threatened species, appropriate mitigation measures as determined by the appropriate state, county or local government agency shall be taken to protect these species.

Response: Please note the following excerpts from the EAF:

- The project site does not contain any species of plant or animal that is listed by New York State as rare, or as a species of special concern [*see* EAF page 17]; and

- According to the New York Natural Heritage Program (NYNHP), records for the endangered species Eastern Tiger Salamander (ETS) and Northern Long-eared Bat (NLEB) exist for the Subject Property vicinity. A summary of the NYSDEC's project impact determinations for each species is provided below [*see* EAF Attachment].

  ETS In a No Jurisdiction/No Permit Necessary letter dated September 14, 2023 (see attached), the NYSDEC determined that the Proposed Project would occur greater than 535 feet from two ETS breeding ponds located in the vicinity of the Proposed Facility location and that greater than 50 percent of existing upland habitat within 1,000 feet of the ETS breeding ponds would be maintained. Accordingly, the NYSDEC determined that the Proposed Action would not result in incidental take of ETS and does not require an Incidental Take Permit. As such, no adverse impacts to ETS are expected.

  NLEB Pursuant to the NYSDEC's September 14, 2023, Letter of No Jurisdiction/No Permit Necessary determination (see attached), to avoid incidental take of NLEB, tree clearing at the Proposed Facility location is prohibited between June 1 and July 31 of any calendar year. The limited proposed tree clearing for the Proposed Action (removal of three trees located adjacent to the existing wastewater facility driveway) would occur in compliance with this determination. Accordingly, no adverse impacts to NLEB are expected.

Standard: **5.3.3.7.2 Bird conservation and protection**
Development projects shall incorporate bird friendly structures, design and site planning elements to reduce bird strikes and mortality to the greatest extent feasible. Seek guidance provided in the American Bird Conservancy et al publication "Bird

Friendly Building Design," available from their website.

Response: In furtherance of § 5.3.3.7 (Protection and conservation of species and communities) pertaining to bird collisions, please note that this project does not involve any proposed glass surfaces or free-standing glass.

Standard: **5.3.3.9.1 Light pollution prevention**
This standard applies only to projects which are not subject to local municipal review and approval. The candlepower distribution from lighting fixtures and installations shall be cut off at all angles beyond those required to restrict direct illumination to the specific area or surface being illuminated. Development shall utilize full cutoff lighting that directs all light downward and eliminates spill light and direct upward light. Fixtures must be noted on the proposed site plan as dark-sky compliant fixtures. Existing exterior fixtures on a development project site shall be retrofitted accordingly.

Response: This standard is inapplicable to this project. This project is subject to review with the Suffolk County Department of Public Works. Please note that the only proposed lighting associated with this project are LED service lights to be located under the Compound canopy at 10 ± feet above ground level with time-delay shutoff. (*See* Sheet C-1/Detail 1 of the Revised Drawings.)

Standard: **5.3.3.11.1 Tall structures and scenic resources**
This standard applies to projects not subject to local municipal review. A development project subject to this standard must not exceed the height definition for tall structures in Chapter 4, Section 4.3.11. This standard requires, in part, the adaptive use and reuse of existing tall structures rather than the construction and placement of new ones when and where feasible and appropriate.

Response: This standard is inapplicable to this project. This project is subject to review with the Suffolk County Department of Public Works.

We respectfully submit that the proposed Communications Facility design conforms to the Standards and Guidelines for Land Use as set forth in Chapter 5 of the Amended Plan. Accordingly, we request that the Commission issue a determination that Verizon Wireless' project conforms to the foregoing standards, and approve Verizon Wireless' proposal for its Communications Facility at the Property.

Upon your review of the foregoing, please feel free to contact me with any questions or comments.

Sincerely,

Eric J. Helman

Encls.
cc: Verizon Wireless (via email, w/out encls.)

verizon

WEST NYACK, NEW YORK

WIRELESS SERVICES FACILITY
PROJECT# 2011620082
"SEWER DISTRICT #20"
2195 WILLIAM FLOYD PARKWAY
RIDGE, NY 11961

SITE INFORMATION

VZ SITE NAME: "RIDGE 2 (SD #20)"
VZ SITE PROJECT CODE: 2011620082
LOCATION CODE: 173177
LOCATION: 2195 WILLIAM FLOYD PARKWAY
RIDGE, NY 11961

SITE TYPE/DESCRIPTION: RAWLAND SITE W/ GROUND EQUIPMENT IN 1,650± SF TELECOMMUNICATIONS COMPOUND W/ NEW 120'± AGL MONOPOLE

GENERATOR INFORMATION: KOHLER
50kW LPG-POWERED GENERATOR

SITE OWNER: COUNTY OF SUFFOLK
100 VETERANS MEMORIAL PARKWAY
HAUPPAUGE, NY 11788

SITE CONTACT: MICHAEL JOHNSON (631) 853-8092

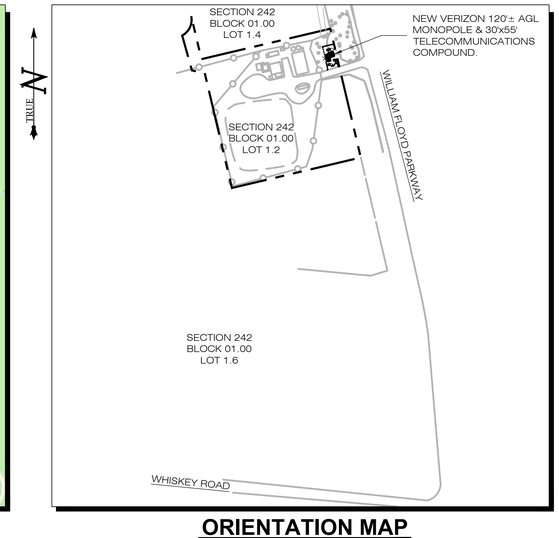
LEASING CONTACT: ROBERT MONTELEONE (516) 316-4626

ENGINEER CONTACT: ROBERT BURNS
(860) 552-2036

LATITUDE: 40° 54' 58.17" N
LONGITUDE: 72° 52' 51.08" W
ELEVATION: 86' AMSL

DISTRICT: 200
SECTION: 242
BLOCK: 01.00
LOT: 1.2
ZONING JURISDICTION: SUFFOLK COUNTY, NY
ZONING DISTRICT: WASTE HANDLING/MGMT

LOCATION MAP
SCALE : 1" = 1000'-0"



ORIENTATION MAP
SCALE : 1" = 350'-0"

LIST OF DRAWINGS

T-1 TITLE SHEET & INDEX
CR-1 - CR-4 SUFFOLK COUNTY BUILDING CODE REVIEW
1 OF 1 SURVEY OF PROPERTY AT RIDGE
SP-1 SITE PLAN
SP-2 PARTIAL SITE PLAN
A-1 COMPOUND PLAN & TOWER ELEVATION
EC-1 EROSION CONTROL NOTES
C-1 EQUIPMENT AREA PLAN & DETAILS
C-2 ANTENNA PLAN & DETAILS
C-3 SITE DETAILS
M-1 MECHANICAL PLAN & DETAILS
S-1 STRUCTURAL PLAN & DETAILS
E-1 ELECTRICAL RISER & DETAILS
E-2 ELECTRICAL PLAN, ONE LINE DIAGRAM & DETAILS
E-3 GROUNDING PLANS
E-4 GROUNDING DETAILS
N-1 NOTES & SPECIFICATIONS

TOWER & TOWER FOUNDATION DRAWINGS PREPARED BY: VALMONT STRUCTURES; (ATTACHED HERETO AT END OF THE CD SET)

APPLICANT:
VERIZON
4 CENTEROCK RD.
WEST NYACK, NY 10994

VERIZON PROJECT ATTORNEY:
AMATO LAW GROUP, PLLC
666 OLD COUNTRY ROAD
SUITE 901
GARDEN CITY, NY 11530
(516) 227-6363

POWER PROVIDER:
PSEG LI: (800) 490-0025

TELCO PROVIDER:
VERIZON (914) 890-0200

DIG SAFELY NEW YORK:
(800) 962-7962

GOVERNING CODES:
2020 NEW YORK STATE UNIFORM FIRE PREVENTION & BUILDING CODE
NATIONAL ELECTRIC CODE
TIA-222-H

verizon
4 CENTEROCK ROAD
WEST NYACK, NY 10994

APT ENGINEERING
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PH: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	06/10/20	FOR REVIEW: RCB
1	01/14/21	REV. GENERATOR: RCB
2	10/10/24	COUNTY REVISIONS: RCB
3	11/25/24	ENV. COMMENTS: RCB
4	12/03/24	ENV. COMMENTS: RCB
5		
6		

DESIGN PROFESSIONALS OF RECORD
PROF: SCOTT M. CHASSE P.E.
COMP: APT ENGINEERING
ADD: 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385

OWNER: SUFFOLK COUNTY
ADDRESS: 100 VETERANS MEMORIAL PKWY HAUPPAUGE, NY 11788

NOTE:
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209 (2) FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THE SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

VERIZON AT
"SEWER DISTRICT #20"

SITE ADDRESS: 2195 WILLIAM FLOYD PARKWAY RIDGE, NY

APT FILING NUMBER: NY141NB1610

VZ FUZE ID: 15083989

LOCATION CODE:

VZ CM: OZ | DRAWN BY:CSH/ELZ

DATE: 06/10/20 | CHECKED BY: RCB

SHEET TITLE:
TITLE SHEET & INDEX

SHEET NUMBER:
T-1

NEW BUILDING DATA / INFORMATION

APPLICABILITY:
2020 BCNYS
STATEMENT OF SPECIAL INSPECTIONS REQUIRED: Y (AVAILABLE UNDER SEPARATE COVER)
(2020 NYS SECTIONS 1704 & 1705)

BUILDING NAMES(S): SEWER DISTRICT #20
TAX MAP No: DIST:200 SEC:242 BLK: 01.00 LOT: 1.2
ADDRESS: 2195 WILLIAM FLOYD PARKWAY, RIDGE, NY 11961
OCCUPANCY CLASSIFICATION(S): U (PAD MOUNTED EQPM) / U (TOWER)
DESCRIPTION OF PROJECT: (SEE COMMENTS, REMARKS & CLARIFICATIONS SECTION)
CONSTRUCTION TYPE(S): N/A (PAD MOUNTED EQPM) / IIB (TOWER)
ARCHITECT/ENGINEER OF RECORD: SCOTT M. CHASSE
CODE VARIANCE REQUESTED : N
CODE ENFORCEMENT JURISDICTION: COUNTY OF SUFFOLK
BUILDING NUMBER(S): N/A

NOTES:

1. EACH DISCIPLINE TITLE SHEET SHALL NOTE THE CURRENTLY ADOPTED NY STATE CODE IS THE 2020 NEW YORK STATE UNIFORM CODE.
2. REFERENCE TO CODE SECTION IS NOT NECESSARILY EXHAUSTIVE. RESPONSIBLE DESIGN PROFESSIONAL SHALL REFERENCE ALL APPROPRIATE CODE SECTIONS INCLUDED IN THE SUPPLEMENT.
3. THIS TABLE SHALL NOT RELIEVE DESIGNER OF RECORD OF ANY TOPIC/CHAPTER NOT LISTED HERE.
4. NO BLANK SPACES SHALL BE ACCEPTED. IF TOPIC DOES NOT APPLY WRITE N/A.
5. OTHER CODES AS REFERENCED IN OR DIRECTED TO IN THE EBCNYS . (e.g. PCNYS, FCNYS, MCNYS, FGCNYS, ETC.) SHOULD BE ADDRESSED, AS WELL (SEE SHEET CR-4)

CODE REVIEW CHECKLIST

CH.	TOPIC	BCNYS SECTION (UON)	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS *FURTHER DETAILS TO BE PROVIDED USING THE SUPPLEMENTAL INFORMATION TABLE*
	FIRE APPARATUS ACCESS ROAD	FC503.1 & APPENDIX D	EXIST.	NO CHANGE	MUST PROVIDE SITE PLAN SHOWING ROADS & DIMENSIONS
3	USE & OCCUPANCY CLASSIFICATION				
	PRESCRIPTIVE COMPLIANCE METHOD	302	EXIST.	NO CHANGE	
4	SPECIAL DETAIL REQUIREMENTS BASED ON USE & OCCUPANCY				
	COVERED MALL & OPEN MALL BUILDINGS	402	N/A	N/A	
	HIGH RISE BUILDINGS	403	N/A	N/A	
	ATRIUMS	404	N/A	N/A	
	UNDERGROUND BUILDINGS	405	N/A	N/A	
	MOTOR-VEHICLE RELATED OCCUPANCIES	406	N/A	N/A	
	GROUP 1-2	407	N/A	N/A	
	GROUP 1-3	408	N/A	N/A	
	MOTION PICTURE PROJECTION ROOMS	409	N/A	N/A	
	STAGES, PLATFORMS & TECHNICAL PRODUCTION AREAS	410	N/A	N/A	
	SPECIAL AMUSEMENT BUILDINGS	411	N/A	N/A	
	AIR-CRAFT RELATED OCCUPANCIES	412	N/A	N/A	
	COMBUSTIBLE STORAGE	413	N/A	N/A	
	HAZARDOUS MATERIAL	414	N/A	N/A	
	GROUPS H-1, H-2, H-3, H-4 & H-5	415	N/A	N/A	
	SPRAY APPLICATION OF FLAMMABLE FINISHES	416	N/A	N/A	
	DRYING ROOMS	417	N/A	N/A	
	ORGANCI COATINGS	418	N/A	N/A	
	LIVE/WORK UNITS	419	N/A	N/A	
	GROUPS I-1, R-1, R-2, R-3 & R-4	420	N/A	N/A	
	HYDROGEN FUEL GAS ROOMS	421	N/A	N/A	
	AMBULATORY CARE FACILITIES	422	N/A	N/A	
	STORM SHELTERS	423	N/A	N/A	
	CHILDREN PLAY STRUCTURES	424	N/A	N/A	
	HYBERBARIC FACILITES	425	N/A	N/A	
	COMBUSTIBLE DUSTS, GRAIN PROCESSING & STORAGE	426	N/A	N/A	
	MEDICAL GAS SYSTEM	427	N/A	N/A	
	HIGHER EDUCATION LABORATORIES	428	N/A	N/A	
	HEALTH CARE FACILITES	429	N/A	N/A	
	LIVE FIRE TRAINING FACILITIES	430	N/A	N/A	
5	GENERAL BUILDING HEIGHTS & AREA				
	BUILDING ADDRESS	502	EXIST.	NO CHANGE	
	GENERAL BUILDING HEIGHT & AREA LIMITATIONS	503	1 STORY	12'-6"	SEE CONSTRUCTION DRAWINGS
	BUILDING HEIGHT & NUMBER OF STORIES	504	1 STORY	1 STORY	SEE CONSTRUCTION DRAWINGS
	MEZZANINES/EQUIPMENT PLATFORMS	505	N/A	N/A	
	BUILDING AREAS	506	N/A	N/A	
	UNLIMITED AREA BUILDINGS	507	N/A	N/A	
	MIXED USE & OCCUPANCY	508	N/A	N/A	
	INCIDENTAL USES	509	N/A	N/A	
	SPECIAL PROVISIONS	510	N/A	N/A	
6	TYPES OF CONSTRUCTION				
	CONSTRUCTION CLASSIFICATION	602	N/A	IIB	
	COMBUSTIBLE MATERIAL IN TYPES I & II CONSTRUCTION	603	N/A	N/A	
7	FIRE & SMOKE PROTECTION FEATURES				
	MULTIPLE USE FIRE ASSEMBLIES	702	N/A	N/A	
	FIRE-RESISTANCE RATING & FIRE TESTS	703	N/A	N/A	
	FIRE-RESISTANCE RATING OF STRUCTURAL MEMBERS	704	N/A	N/A	
	EXTERIOR WALLS	705	N/A	N/A	
	FIRE WALLS	706	N/A	N/A	
	FIRE BARRIERS	707	N/A	N/A	
	FIRE PARTITIONS	708	N/A	N/A	
	SMOKE BARRIER	709	N/A	N/A	
	SMOKE PARTITIONS	710	N/A	N/A	
	FLOOR & ROOF ASSEMBLIES	711	N/A	N/A	
	VERTICAL OPENINGS	712	N/A	N/A	
	SHAFT ENCLOSURES	713	N/A	N/A	

CODE REVIEW CHECKLIST

CH.	TOPIC	BCNYS SECTION (UON)	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS *FURTHER DETAILS TO BE PROVIDED USING THE SUPPLEMENTAL INFORMATION TABLE*
7 (CONT.)	FIRE & SMOKE PROTECTION FEATURES				
	PENETRATIONS	714	N/A	N/A	
	FIRE RESISTANT JOINT SYSTEMS	715	N/A	N/A	
	OPENING PROTECTIVE	716	N/A	N/A	
	DUCT & AIR TRANSFER OPENINGS	717	N/A	N/A	
	CONCEALED SPACES	718	N/A	N/A	
	FIRE-RESISTANCE REQUIREMENTS FOR PLASTER	719	N/A	N/A	
	THERMAL & SOUND INSULATING MATERIALS	720	N/A	N/A	
	PRESCRIPTIVE FIRE RESISTANCE	721	N/A	N/A	
	CALCULATED FIRE RESISTANCE	722	N/A	N/A	
8	INTERIOR FINISHES				
	WALL & CEILING FINISHES	803	N/A	N/A	
	INTERIOR FLOOR FINISH	804	N/A	N/A	
	COMBUSTIBLE MATERIALS IN TYPES 1 & II CONSTRUCTION	805	N/A	N/A	
	DECORATIVE MATERIALS & TRIM	806	N/A	N/A	
	INSULATION	807	N/A	N/A	
	ACOUSTICAL CEILING SYSTEMS	808	N/A	N/A	
9	FIRE PROTECTION SYSTEMS				
	FIRE & RISER ROOM SIZE	902	N/A	N/A	
	AUTOMATIC SPRINKLER SYSTEMS	903	N/A	N/A	INDICATE TYPE OF SPRINKLER SYSTEM ☐ NFPA I 3 ☐ NFPA I 3D ☐ NFPA I 3 R
	ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS	904	N/A	N/A	
	STANDPIPE SYSTEMS	905	N/A	N/A	
	PORTABLE FIRE EXTINGUISHERS	906	0	1	
	FIRE ALARM & DETECTION SYSTEM	907	N/A	N/A	INDICATE TYPE OF FIRE ALARM SYSTEM ☐ ADDRESSABLE ☐ CONVENTIONAL (ZONED)
	EMERGENCY ALARM SYSTEMS	908	N/A	N/A	
	SMOKE CONTROL SYSTEMS	909	N/A	N/A	
	SMOKE & HEAT REMOVAL	910	N/A	N/A	
	FIRE COMMAND CENTER	911	N/A	N/A	
	FIRE DEPARTMENT CONNECTIONS	912	N/A	N/A	
	FIRE PUMPS	913	N/A	N/A	
	EMERGENCY RESPONDER SAFETY FEATURES	914	N/A	N/A	
	CARBON MONOXIDE DETECTION	915	N/A	N/A	INDICATE TYPE OF CO DETECTION ☐ INDEPENDENT CO SYSTEM CO ☐ ALARMS CO DETECTION ☐ CONNECTION TO FACP
	GAS DETECTION SYSTEM	916	N/A	N/A	
	MASS NOTIFICATION SYSTEMS	917	N/A	N/A	
	EMERGENCY RESPONDER RADIO COVERAGE	918	N/A	N/A	
10	MEANS OF EGRESS				
	MAINTENANCE & PLANS	1002	N/A	N/A	
	GENERAL MEANS OF EGRESS	1003	N/A	N/A	
	OCCUPANT LOAD	1004	N/A	N/A	
	MEANS OF EGRESS SIZING	1005	N/A	N/A	
	NUMBER OF EXIST & EXIT ACCESS DOORWAYS	1006	N/A	N/A	
	EXIT & EXIT ACCESS DOORWAY CONFIGURATION	1007	N/A	N/A	
	MEAN OF EGRESS ILLUMINATION	1008	N/A	N/A	
	ACCESSIBLE MEANS OF EGRESS	1009	N/A	N/A	
	DOORS, GATES & TURNSTILES	1010	N/A	N/A	
	STAIRWAYS	1011	N/A	N/A	
	RAMPS	1012	N/A	N/A	
	EXIT SIGNS	1013	N/A	N/A	
	HANDRAILS	1014	N/A	N/A	
	GUARDS	1015	N/A	N/A	
	EXIT ACCESS	1016	N/A	N/A	
	EXIT ACCESS TRAVEL DISTANCE	1017	N/A	N/A	
	AISLES	1018	N/A	N/A	
	EXIT ACCESS STAIRWAYS & RAMPS	1019	N/A	N/A	
	CORRIDORS	1020	N/A	N/A	
	EGRESS BALCONIES	1021	N/A	N/A	

SUPPLEMENTAL INFORMATION

CH.	EXPANDED TOPIC	CODE SECTION	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS

COMMENTS, REMARKS, & CLARIFICATIONS

PROJECT DESCRIPTION: RAWLAND SITE W/ GROUND EQUIPMENT IN 1,650± SF
TELECOMMUNICATIONS COMPOUND W/ NEW 120'± AGL MONOPOLE

NOTE:
REGULAR INSPECTIONS ARE TO BE ACCOMPANIED BY SPECIAL INSPECTIONS. CONTRACTOR SHALL COORDINATE ALL REQUIRED INSPECTIONS WITH APT ENGINEERING.

SSI (CASE FORM 101) & STRUCTURAL REPORTS AVAILABLE UNDER SEPARATE COVERS.

- SSI DATED 06/12/20
- STRUCTURAL DESIGN REPORT DATED 09/26/24 (VALMONT)

verizon
4 CENTEROCK ROAD
WEST NYACK, NY 10994

APT ENGINEERING
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PH: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	06/10/20	FOR REVIEW: RCB
1	01/14/21	REV. GENERATOR: RCB
2	10/10/24	COUNTY REVISIONS: RCB
3	11/25/24	ENV. COMMENTS: RCB
4	12/03/24	ENV. COMMENTS: RCB
5		
6		

DESIGN PROFESSIONALS OF RECORD

PROF: SCOTT M. CHASSE P.E.
COMP: APT ENGINEERING
ADD: 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385

OWNER: SUFFOLK COUNTY
ADDRESS: 100 VETERANS MEMORIAL PKWY HAUPPAUGE, NY 11788

NOTE:
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VERIZON AT
"SEWER DISTRICT #20"

SITE ADDRESS: 2195 WILLIAM FLOYD PARKWAY RIDGE, NY

APT FILING NUMBER: NY141NB1610
VZ FUZE ID: 15083989
LOCATION CODE:
VZ CM: OZ | DRAWN BY:CSH/ELZ
DATE: 06/10/20 | CHECKED BY: RCB

SHEET TITLE:
SUFFOLK COUNTY BUILDING CODE REVIEW

SHEET NUMBER:
CR-1

STATE OF NEW YORK · SCOTT M. CHASSE · 076603 · LICENSED PROFESSIONAL ENGINEER

CODE REVIEW CHECKLIST

CH.	TOPIC	BCNYS SECTION (UON)	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS *FURTHER DETAILS TO BE PROVIDED USING THE SUPPLEMENTAL INFORMATION TABLE*
10 (CONT'D)	MEANS OF EGRESS CONT'D				
	EXITS	1022	N/A	N/A	
	INTERIOR EXIT STAIRWAYS & RAMPS	1023	N/A	N/A	
	EXIT PASSAGEWAYS	1024	N/A	N/A	
	LUMINOUS EGRESS PATH MARKINGS	1025	N/A	N/A	
	HORIZONTAL EXITS	1026	N/A	N/A	
	EXTERIOR EXIT STAIRWAYS & RAMPS	1027	N/A	N/A	
	EXIT DISCHARGE	1028	N/A	N/A	
	ASSEMBLY	1029	N/A	N/A	
	EMERGENCY ESCAPE & RESCUE	1030	N/A	N/A	
11	ACCESSIBILITY				
	COMPLIANCE	1102	N/A	N/A	
	SCOPING REQUIREMENTS	1103	N/A	N/A	
	ACCESSIBLE ROUTE	1104	N/A	N/A	
	ACCESSIBLE ENTRANCES	1105	N/A	N/A	
	PARKING & PASSENGER LOADING FACILITIES	1106	N/A	N/A	
	DWELLING UNITS & SLEEPING UNITS	1107	N/A	N/A	
	SPECIAL OCCUPANCIES	1108	N/A	N/A	
	OTHER FEATURES & FACILITIES	1109	N/A	N/A	
	REGREATIONAL FACILITIES	1110	N/A	N/A	
	SIGNAGE	1111	N/A	N/A	
12	INTERIOR ENVIRONMENT				
	VENTILATION	1202	N/A	N/A	
	TEMPERATURE CONTROL	1203	N/A	N/A	
	LIGHTING	1204	N/A	N/A	
	YARDS OR COURTS	1205	N/A	N/A	
	SOUND TRANSMISSION	1206	N/A	N/A	
	INTERIOR SPACE DIMENSIONS	1207	N/A	N/A	
	ACCESS TO UNOCCUPIED SPACES	1208	N/A	N/A	
	TOILET & BATHROOM REQUIREMENTS	1209	N/A	N/A	
13	ENERGY EFFICIENCY				
	SCOPE & CRITERIA	1301.1 & 1301.1.1	N/A	N/A	
14	EXTERIOR WALLS				
	PERFORMANCE REQUIREMENTS	1402	N/A	N/A	
	MATERIALS	1403	N/A	N/A	
	INSTALLATION OF WALL COVERINGS	1404	N/A	N/A	
	COMBUSTIBLE MATERIALS ON THE EXTERIOR SIDE OF EXTERIOR WALLS	1405	N/A	N/A	
	METAL COMPOSITE MATERIALS (MCM)	1406	N/A	N/A	
	EXTERIOR INSULATION & FINISH SYSTEMS (EIFS)	1407	N/A	N/A	
	HIGH-PRESSURE DECORATIVE EXTERIOR-GRADE COMPACT LAMINATES (HPL)	1408	N/A	N/A	
	PLASTIC COMPOSITE DECKING	1409	N/A	N/A	
15	ROOF ASSEMBLIES & ROOFTOP STRUCTURES				
	ROOF DRAINAGE	1502	N/A	N/A	
	WEATHER PROTECTION	1503	N/A	N/A	
	PERFORMANCE REQUIREMENTS	1504	N/A	N/A	
	FIRE CLASSIFICATION	1505	N/A	N/A	
	MATERIALS	1506	N/A	N/A	
	REQUIREMENTS FOR ROOF COVERINGS	1507	N/A	N/A	
	ROOF INSULATION	1508	N/A	N/A	
	RADIANT BARRIERS INSTALLED ABOVE DECK	1509	N/A	N/A	
	ROOFTOP STRUCTURES	1510	N/A	N/A	
	RE-ROOFING	1511	N/A	N/A	
	PHOTOVOLTAIC PANELS & MODULES	1512	N/A	N/A	
16	STRUCTURAL DESIGN				
	NOTATIONS	1602	N/A	N/A	
	CONSTRUCTION DOCUMENTS	1603	N/A	N/A	SEE DWG. S-1 & N-1
	GENERAL DESIGN REQUIREMENTS	1604	N/A	N/A	
	LOAD COMBINATIONS	1605	N/A	N/A	
	DEAD LOADS	1606	N/A	N/A	SEE DWG. N-1 & VALMONT DESIGNS
	LIVE LOADS	1607	N/A	N/A	SEE DWG. N-1 & VALMONT DESIGNS
	SNOW LOADS	1608	N/A	20 PSF	SEE DWG. N-1 & VALMONT DESIGNS
	WIND LOADS	1609	N/A	120 MPH	SEE DWG. N-1 & VALMONT DESIGNS
	SOIL LATERAL LOADS	1610	N/A	N/A	
	RAIN LOADS	1611	N/A	N/A	
	FLOOD LOADS	1612	N/A	N/A	
	EARTHQUAKE LOADS	1613	N/A	N/A	
	ATMOSPHERIC ICE LOADS	1614	N/A	N/A	
	TSUNAMI LOADS	1615	N/A	N/A	
	STRUCTURAL INTEGRITY	1616	N/A	N/A	
17	SPECIAL INSPECTIONS & TESTS				
	NEW MATERIALS	1702	N/A	N/A	
	APPROVALS	1703	N/A	N/A	
	SPECIAL INSPECTIONS & TEST, CONTRACTOR RESPONSIBILITY & STRUCTURAL OBSERVATION	1704	N/A	N/A	REFER TO STATEMENT OF SPECIAL INSPECTIONS UNDER SEPARATE COVER

CODE REVIEW CHECKLIST

CH.	TOPIC	BCNYS SECTION (UON)	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS *FURTHER DETAILS TO BE PROVIDED USING THE SUPPLEMENTAL INFORMATION TABLE*
17 (CONT'D)	SPECIAL INSPECTIONS & TESTS CONT'D				
	REQUIRED SPECIAL INSPECTIONS & TESTS	1705	N/A	N/A	REFER TO STATEMENT OF SPECIAL INSPECTIONS UNDER SEPARATE COVER
	DESIGN STRENGTHS OF MATERIALS	1706	N/A	N/A	
	ALTERNATIVE TEST PROCEDURE	1707	N/A	N/A	
	IN-SITU LOAD TESTS	1708	N/A	N/A	
	PRECONSTRUCTION LOAD TESTS	1709	N/A	N/A	
18	SOILS & FOUNDATIONS				
	DESIGN BASIS	1802	N/A	N/A	SEE DWG. N-1 & VALMONT DESIGNS
	GEOTECHNICAL INVESTIGATIONS	1803	N/A	N/A	AVAILABLE UNDER SEPARATE COVER
	EXCAVATION, GRADING & FILL	1804	N/A	40 CY (EXC)	
	DAMPPROOFING & WATERPROOFING	1805	N/A	N/A	
	PRESUMPTIVE LOAD-BEARING VALUES OF SOILS	1806	N/A	N/A	REFER TO GEOTECHNICAL REPORT UNDER SEPARATE COVER
	FOUNDATION WALLS, RETAINING WALLS & EMBEDDED POSTS & POLES	1807	N/A	N/A	
	FOUNDATIONS	1808	N/A	N/A	REFER TO VALMONT FOUDATION DWGS
	SHALLOW FOUNDATIONS	1809	N/A	N/A	
	DEEP FOUNDATIONS	1810	N/A	N/A	
19	CONCRETE				
	SPECIFICATIONS FOR TESTS & MATERIALS	1903	N/A	N/A	REFER TO STATEMENT OF SPECIAL INSPECTIONS UNDER SEPARATE COVER
	DURABILITY REQUIREMENTS	1904	N/A	N/A	
	MODIFICATIONS TO ACI 318	1905	N/A	N/A	
	STRUCTURAL PLAIN CONCRETE	1906	N/A	N/A	
	MINIMUM SLAB PROVISIONS	1907	N/A	N/A	SEE DWG. S-1, N-1 & VALMONT DESIGNS
	SHOTCRETE	1908	N/A	N/A	
20	ALUMINUM				
	MATERIALS	2002	N/A	N/A	
21	MASONRY				
	NOTATIONS	2102	N/A	N/A	
	MASONRY CONSTRUCTION MATERIALS	2103	N/A	N/A	
	CONSTRUCTION	2104	N/A	N/A	
	QUALITY ASSURANCE	2105	N/A	N/A	
	SEISMIC DESIGN	2106	N/A	N/A	
	ALLOWABLE STRESS DESIGN	2107	N/A	N/A	
	STRENGTH DESIGN OF MASONRY	2108	N/A	N/A	
	EMPIRICAL DESIGN OF MASONRY	2109	N/A	N/A	
	GLASS UNIT MASONRY	2110	N/A	N/A	
	MASONRY FIREPLACES	2111	N/A	N/A	
	MASONRY HEATERS	2112	N/A	N/A	
	MASONRY CHIMNEYS	2113	N/A	N/A	
	DRY-STACK MASONRY	2114	N/A	N/A	
22	STEEL				
	IDENTIFICATION OF STEEL FOR STRUCTURAL PURPOSES	2202	N/A	N/A	
	PROTECTION OF STEEL FOR STRUCTURAL PURPOSES	2203	N/A	N/A	
	CONNECTIONS	2204	N/A	N/A	
	STRUCTURAL STEEL	2205	N/A	N/A	
	COMPOSITE STRUCTURAL STEEL & CONCRETE STRUCTURES	2206	N/A	N/A	REFER TO VALMONT FOUNDATION DWGS
	STEEL JOIST	2207	N/A	N/A	
	STEEL CABLE STRUCTURES	2208	N/A	N/A	
	STEEL STORAGE RACKS	2209	N/A	N/A	
	COLD-FORMED STEEL	2210	N/A	N/A	
	COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION	2211	N/A	N/A	
23	WOOD				
	DESIGN REQUIREMENTS	2302	N/A	N/A	
	MINIMUM STANDARDS & QUALITY	2303	N/A	N/A	
	GENERAL CONSTRUCTION REQUIREMENTS	2304	N/A	N/A	
	GENERAL DESIGN REQUIREMENTS FOR LATERAL FORCE-RESISTING SYSTEMS	2305	N/A	N/A	
	ALLOWABLE STRESS DESIGN	2306	N/A	N/A	
	LOAD RESISTANCE FACTOR DESIGN	2307	N/A	N/A	
	CONVENTIONAL LIGHT-FRAME CONSTRUCTION	2308	N/A	N/A	
	WOOD FRAME CONSTRUCTION MANUAL	2309	N/A	N/A	
24	GLASS & GLAZING				
	GLAZING REPLACEMENT	2402	N/A	N/A	
	GENERAL REQUIREMENTS FOR GLASS	2403	N/A	N/A	
	WIND, SNOW, SEISMIC & DEAD LOADS ON GLASS	2404	N/A	N/A	
	SLOPED GLAZING & SKYLIGHTS	2405	N/A	N/A	
	SAFETY GLAZING	2406	N/A	N/A	
	GLASS IN HANDRAILS & GUARDS	2407	N/A	N/A	
	GLAZING IN ATHLETIC FACILITIES	2408	N/A	N/A	
	GLASS IN WALKWAYS, ELEVATOR HOISTWAYS & ELEVATOR CARS	2409	N/A	N/A	

SUPPLEMENTAL INFORMATION

CH.	EXPANDED TOPIC	CODE SECTION	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS

COMMENTS, REMARKS, & CLARIFICATIONS

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- SSI DATED 06/12/20
- STRUCTURAL DESIGN REPORT DATED 09/26/24 (VALMONT)

verizon
4 CENTEROCK ROAD
WEST NYACK, NY 10994

APT ENGINEERING
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PH: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	06/10/20	FOR REVIEW: RCB
1	01/14/21	REV. GENERATOR: RCB
2	10/10/24	COUNTY REVISIONS: RCB
3	11/25/24	ENV. COMMENTS: RCB
4	12/03/24	ENV. COMMENTS: RCB
5		
6		

DESIGN PROFESSIONALS OF RECORD

PROF: SCOTT M. CHASSE P.E.
COMP: APT ENGINEERING
ADD: 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385

OWNER: SUFFOLK COUNTY
ADDRESS: 100 VETERANS MEMORIAL PKWY HAUPPAUGE, NY 11788

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VERIZON AT "SEWER DISTRICT #20"

SITE ADDRESS: 2195 WILLIAM FLOYD PARKWAY RIDGE, NY

APT FILING NUMBER: NY141NB1610

VZ FUZE ID: 15083989

LOCATION CODE:

VZ CM: OZ | DRAWN BY:CSH/ELZ

DATE: 06/10/20 | CHECKED BY: RCB

SHEET TITLE:

SUFFOLK COUNTY BUILDING CODE REVIEW

SHEET NUMBER:

CR-2

STATE OF NEW YORK · SCOTT M. CHASSE · 076603 · LICENSED PROFESSIONAL ENGINEER

CODE REVIEW CHECKLIST

CH.	TOPIC	BCNYS SECTION (UON)	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS *FURTHER DETAILS TO BE PROVIDED USING THE SUPPLEMENTAL INFORMATION TABLE*
25	GYPSUM BOARD, GYPSUM PANEL PRODUCTS & PLASTER				
	PERFORMANCE	2502	N/A	N/A	
	INSPECTION	2503	N/A	N/A	
	VERTICAL & HORIZONTAL ASSEMBLIES	2504	N/A	N/A	
	SHEAR WALL CONSTRUCTION	2505	N/A	N/A	
	GYPSUM BOARD & GYPSUM PANEL PRODUCT MATERIALS	2506	N/A	N/A	
	LATHING & PLASTERING	2507	N/A	N/A	
	GYPSUM CONSTRUCTION	2508	N/A	N/A	
	SHOWERS & WATER CLOSETS	2509	N/A	N/A	
	LATHING & FURRING FOR CEMENT PLASTER (STUCCO)	2510	N/A	N/A	
	INTERIOR PLASTER	2511	N/A	N/A	
	EXTERIOR PLASTER	2512	N/A	N/A	
	EXPOSED AGGREGATE PLASTER	2513	N/A	N/A	
	REINFORCED GYPSUM CONCRETE	2514	N/A	N/A	
26	PLASTIC				
	FINISH & TRIM	2602	N/A	N/A	
	FOAM PLASTIC INSULATION	2603	N/A	N/A	
	INTERIOR FINISH TRIM	2604	N/A	N/A	
	PLASTIC VENEER	2605	N/A	N/A	
	LIGHT-TRANSMITTING PLASTICS	2606	N/A	N/A	
	LIGHT-TRANSMITTING PLASTIC WALL PANEL	2607	N/A	N/A	
	LIGHT-TRANSMITTING PLASTIC GLAZING	2608	N/A	N/A	
	LIGHT-TRANSMITTING PLASTIC ROOF PANELS	2609	N/A	N/A	
	LIGHT-TRANSMITTING PLASTIC SKYLIGHT GLAZING	2610	N/A	N/A	
	LIGHT-TRANSMITTING PLASTIC INTERIOR SIGNS	2611	N/A	N/A	
	PLASTIC COMPOSITES	2612	N/A	N/A	
	FIBER-REINFORCED POLYMER	2613	N/A	N/A	
	REFLECTIVE PLASTIC CORE INSULATION	2614	N/A	N/A	
27	ELECTRICAL				
	SCOPE	2701.1	N/A	N/A	SEE CONSTRUCTION DRAWINGS
	EMERGENCY & STANDBY POWER SYSTEM	2702	N/A	N/A	SEE DWG. M-1
28	MECHANICAL SYSTEMS				
	GENERAL	2801	N/A	N/A	
29	PLUMBING SYSTEMS				
	MINIMUM PLUMBING FACILITIES	2902	N/A	N/A	
30	ELEVATORS & CONVEYING SYSTEMS				
	HOISTWAY ENCLOSURES	3002	N/A	N/A	
	EMERGENCY OPERATIONS	3003	N/A	N/A	
	CONVEYING SYSTEMS	3004	N/A	N/A	
	MACHINE ROOMS	3005	N/A	N/A	
	ELEVATOR LOBBIES & HOISTWAY OPENING PROTECTION	3006	N/A	N/A	
	FIRE SERVICE ACCESS ELEVATOR	3007	N/A	N/A	
	OCCUPANT EVACUATION ELEVATORS	3008	N/A	N/A	
31	SPECIAL CONSTRUCTION				
	MEMBRANE STRUCTURES	3102	N/A	N/A	
	TEMPORARY STRUCTURES	3103	N/A	N/A	
	PEDESTRIAN WALKWAYS & TUNNELS	3104	N/A	N/A	
	AWNINGS & CANOPIES	3105	N/A	N/A	
	MARQUEES	3106	N/A	N/A	
	SIGNS	3107	N/A	N/A	
	TELECOMMUNICATION & BROADCAST TOWERS	3108	TIA-222-H	COMPLIES	SEE VALMONT DRAWINGS & ANALYSIS
	SWIMMING POOLS, SPAS & HOT TUBS	3109	N/A	N/A	
	AUTOMATIC VEHICULAR GATES	3110	N/A	N/A	
	SOLAR ENERGY SYSTEMS	3111	N/A	N/A	
	GREENHOUSES	3112	N/A	N/A	
	RELOCATABLE BUILDINGS	3113	N/A		
32	ENCROACHMENTS INTO THE PUBLIC RIGHT-OF-WAY				
	ENCROACHMENTS	3202	N/A	N/A	
33	SAFEGUARDS DURING CONSTRUCTION				
	CONSTRUCTION SAFEGUARDS	3302	N/A	NO CHANGE	SEE DWG. N-1 & CONTR. HASP.
	DEMOLITION	3303	N/A	NO CHANGE	SEE DWG. N-1 & CONTR. HASP.
	SITE WORK	3304	N/A	NO CHANGE	SEE DWG. N-1 & CONTR. HASP.
	SANITARY	3305	N/A	N/A	
	PROTECTION OF PEDESTRIANS	3306	N/A	N/A	
	PROTECTION OF ADJOINING PROPERTY	3307	N/A	N/A	
	TEMPORARY USE OF STREETS, ALLEYS & PUBLIC PROPERTY	3308	N/A	N/A	SEE DWG. N-1 & CONTR. HASP.
	FIRE EXTINGUISHERS	3309	N/A	N/A	SEE DWG. N-1 & CONTR. HASP.
	MEANS OF EGRESS	3310	N/A	N/A	
	STANDPIPES	3311	N/A	N/A	
	AUTOMATIC SPRINKLER SYSTEM	3312	N/A	N/A	
	WATER SUPPLY FOR FIRE PROTECTION	3313	N/A	N/A	
	FIRE WATCH DURING CONSTRUCTION	3314	N/A	N/A	

CODE REVIEW CHECKLIST

CH.	TOPIC	BCNYS SECTION (UON)	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS *FURTHER DETAILS TO BE PROVIDED USING THE SUPPLEMENTAL INFORMATION TABLE*
A	EMPLOYEE QUALIFICATIONS				
	BUILDING OFFICIAL QUALIFICATIONS	A101	N/A	N/A	
	REFERENCED STANDARDS	A102	N/A	N/A	
C	GROUP U - AGRICULTURAL BUILDINGS				
	ALLOWABLE HEIGHT & AREA	C102	N/A	N/A	
	MIXED OCCUPANCIES	C103	N/A	N/A	
	EXITS	C104	N/A	N/A	
D	FIRE DISTRICTS				
	BUILDING RESTRICTIONS	D102	N/A	N/A	
	CHANGES TO BUILDINGS	D103	N/A	N/A	
	BUILDINGS LOCATED PARTIALLY IN THE FIRE DISTRICT	D104	N/A	N/A	
	EXCEPTIONS TO RESTRICTIONS IN FIRE DISTRICT	D105	N/A	N/A	
E	SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS				
	ACCESSIBLE ROUTE	E103	N/A	N/A	
	SPECIAL OCCUPANCIES	E104	N/A	N/A	
	OTHER FEATURES & FACILITIES	E105	N/A	N/A	
	TELEPHONES	E106	N/A	N/A	
	SIGNAGE	E107	N/A	N/A	
	BUS STOPS	E108	N/A	N/A	
	TRANSPORTATION FACILITIES & STATIONS	E109	N/A	N/A	
	AIRPORTS	E110	N/A	N/A	
F	RODENT PROOFING				
	GENERAL	F101	N/A	N/A	
G	FLOOD-RESISTANT CONSTRUCTION				
	APPLICABILITY	G102	N/A	N/A	
	POWER & DUTIES	G103	N/A	N/A	
	PERMITS	G104	N/A	N/A	
	VARIANCES	G105	N/A	N/A	
	SUBDIVISIONS	G301	N/A	N/A	
	SITE IMPROVEMENT	G401	N/A	N/A	
	MANUFACTURED HOMES	G501	N/A	N/A	
	RECREATIONAL VEHICLES	G601	N/A	N/A	
	TANKS	G701	N/A	N/A	
	OTHER BUILDING WORK	G801	N/A	N/A	
	TEMPORARY STRUCTURES & TEMPORARY STORAGE	G901	N/A	N/A	
	UTILITY & MISCELLANEOUS GROUP U	G1001	N/A	N/A	
H	SIGNS				
	LOCATION	H103	N/A	N/A	
	IDENTIFICATION	H104	N/A	N/A	
	DESIGN & CONSTRUCTION	H105	N/A	N/A	
	ELECTRICAL	H106	N/A	N/A	
	COMBUSTIBLE MATERIALS	H107	N/A	N/A	
	ANIMATED DEVICES	H108	N/A	N/A	
	GROUND SIGNS	H109	N/A	N/A	
	ROOF SIGNS	H110	N/A	N/A	
	WALL SIGNS	H111	N/A	COMPLIES	SEE CONSTRUCTION DRAWINGS
	PROJECTING SIGNS	H112	N/A	N/A	
	MARQUEE SIGNS	H113	N/A	N/A	
	PORTABLE SIGNS	H114	N/A	N/A	
I	PATIO COVERS				
	EXTERIOR WALLS & OPENINGS	I103	N/A	N/A	
	HEIGHT	I104	N/A	N/A	
	STRUCTURAL PROVISIONS	I105	N/A	N/A	
J	GRADING				
	PERMITS REQUIRED	J103	N/A	N/A	
	PERMIT APPLICATION & SUBMITTALS	J104	N/A	N/A	
	INSPECTIONS	J105	N/A	N/A	
	EXCAVATIONS	J106	N/A	N/A	
	FILLS	J107	N/A	N/A	
	SETBACKS	J108	N/A	N/A	
	DRAINAGE & TERRACING	J109	N/A	N/A	
	EROSION CONTROL	J110	N/A	N/A	SEE CONSTRUCTION DRAWINGS
K	ADMINISTRATIVE PROVISIONS				
	APPLICABILITY	K102	N/A	N/A	
	PERMITS	K103	N/A	N/A	
	CONSTRUCTION DOCUMENTS	K104	N/A	N/A	
	ALTERNATIVE ENGINEERED DESIGN	K105	N/A	N/A	
	REQUIRED INSPECTIONS	K106	N/A	N/A	
	PREFABRICATED CONSTRUCTION	K107	N/A	N/A	
	TESTING	K108	N/A	N/A	
	RECONNECTION	K109	N/A	N/A	
	CONDEMNING ELECTRICAL SYSTEMS	K110	N/A	N/A	
	ELECTRICAL PROVISIONS	K111	N/A	N/A	
L	EARTHQUAKE RECORDING INSTRUMENTATION				
	GENERAL	L101	N/A	N/A	
M	TSUNAMI-GENERATED FLOOD HAZARD				
	REFUGE STRUCTURES FOR VERTICAL EVACUATION FROM TSUNAMI-GENERATED FLOOD HAZARD	M101	N/A	N/A	
N	REPLICABLE BUILDINGS				
	REPLICABLE DESIGN REQUIREMENTS	N103	N/A	N/A	
	REPLICABLE DESIGN SUBMITTAL REQUIREMENTS	N104	N/A	N/A	

SUPPLEMENTAL INFORMATION

CH.	EXPANDED TOPIC	CODE SECTION	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS

COMMENTS, REMARKS, & CLARIFICATIONS

NOTE:
REGULAR INSPECTIONS ARE TO BE ACCOMPANIED BY SPECIAL INSPECTIONS. CONTRACTOR SHALL COORDINATE ALL REQUIRED INSPECTIONS WITH APT ENGINEERING.

SSI (CASE FORM 101) & STRUCTURAL REPORTS AVAILABLE UNDER SEPARATE COVERS.

- SSI DATED 06/12/20
- STRUCTURAL DESIGN REPORT DATED 09/26/24 (VALMONT)

verizon
4 CENTEROCK ROAD
WEST NYACK, NY 10994

APT ENGINEERING
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PH: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	06/10/20	FOR REVIEW: RCB
1	01/14/21	REV. GENERATOR: RCB
2	10/10/24	COUNTY REVISIONS: RCB
3	11/25/24	ENV. COMMENTS: RCB
4	12/03/24	ENV. COMMENTS: RCB
5		
6		

DESIGN PROFESSIONALS OF RECORD

PROF: SCOTT M. CHASSE P.E.
COMP: APT ENGINEERING
ADD: 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385

OWNER: SUFFOLK COUNTY
ADDRESS: 100 VETERANS MEMORIAL PKWY HAUPPAUGE, NY 11788

NOTE:
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209 (2) FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THE SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

VERIZON AT "SEWER DISTRICT #20"

SITE ADDRESS: 2195 WILLIAM FLOYD PARKWAY RIDGE, NY

APT FILING NUMBER: NY141NB1610
VZ FUZE ID: 15083989
LOCATION CODE:
VZ CM: OZ | DRAWN BY:CSH/ELZ
DATE: 06/10/20 | CHECKED BY: RCB

SHEET TITLE:
SUFFOLK COUNTY BUILDING CODE REVIEW

SHEET NUMBER:
CR-3

STATE OF NEW YORK · SCOTT M. CHASSE · 076503 · LICENSED PROFESSIONAL ENGINEER

CODE REVIEW CHECKLIST

CH.	TOPIC	BCNYS SECTION (UON)	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS *FURTHER DETAILS TO BE PROVIDED USING THE SUPPLEMENTAL INFORMATION TABLE*
N (CONT'D)	REPLICABLE BUILDINGS CONT'D				
	REVIEW & APPROVAL OF REPLICABLE DESIGN	N105	N/A	N/A	
	SITE SPECIFIC APPLICATION OF APPROVED REPLICABLE DESIGN	N106	N/A	N/A	
	SITE SPECIFIC REVIEW & APPROVAL OF REPLICABLE DESIGN	N107	N/A	N/A	
O	ASSISTIVE LISTENING SYSTEMS PERFORMANCE STANDARDS				
	INDUCTION LOOP SYSTEM	O102	N/A	N/A	
	INFRARED SYSTEM	O103	N/A	N/A	
	FM SYSTEM	O104	N/A	N/A	
P	DIAPER CHANGING STATIONS				
	GENERAL REQUIREMENTS	P104	N/A	N/A	
	ASSESSIBILITY, CONSTRUCTION & INSTALLATION REQUIREMENTS	P105	N/A	N/A	
	SIGNAGE	P106	N/A	N/A	
	MAINTENANCE	P107	N/A	N/A	
	HISTORIC BUILDINGS	P108	N/A	N/A	
FCNYS	FIRE CODE OF NEW YORK STATE (EXPAND ANY APPLICABLE REQUIRMENTS IN SUPPLMENTAL TABLE AT RIGHT)				
	GENERAL REQUIREMENTS	CHAPTER 3	N/A	N/A	
	EMERGENCY PLANNING & PREPAREDNESS	CHAPTER 4	N/A	N/A	
	FIRE SERVICE FEATURES	CHAPTER 5	N/A	N/A	
	BUILDING SERVICES & SYSTEMS	CHAPTER 6	N/A	N/A	
	FIRE & SMOKE PROTECTION FEATURES	CHAPTER 7	N/A	N/A	
	INTERIOR FINISH, DECORATIVE MATERIALS & FURNISHINGS	CHAPTER 8	N/A	N/A	
	FIRE PROTECTION & LIFE SAFETY SYSTEMS	CHAPTER 9	N/A	N/A	
	MEANS OF EGRESS	CHAPTER 10	N/A	N/A	
	CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS	CHAPTER 11	N/A	N/A	
	RESERVED	CHAPTER 12-19	N/A	N/A	
	AVIATION FACILITIES	CHAPTER 20	N/A	N/A	
	DRY CLEANING	CHAPTER 21	N/A	N/A	
	COMBUSTIBLE DUST- PRODUCING OPERATIONS	CHAPTER 22	N/A	N/A	
	MOTOR FUEL - DISPENSING FACILITIES & REPAIR GARAGES	CHAPTER 23	N/A	N/A	
	FLAMMABLE FINISHES	CHAPTER 24	N/A	N/A	
	FRUIT & CROP RIPENING	CHAPTER 25	N/A	N/A	
	FUMIGATION & INSECTICIDAL FOGGING	CHAPTER 26	N/A	N/A	
	SEMICONDUCTOR FABRICATION FACILITIES	CHAPTER 27	N/A	N/A	
	LUMBER YARDS & AGRO-INDUSTRIAL, SOLID BIOMASS & WOODWORKING FACILITIES	CHAPTER 28	N/A	N/A	
	MANUFACTURE OF ORGANIC COATINGS	CHAPTER 29	N/A	N/A	
	INDUSTRIAL OVENS	CHAPTER 30	N/A	N/A	
	TENTS	CHAPTER 31	N/A	N/A	
	HIGH -PILED COMBUSTIBLE STORAGE	CHAPTER 32	N/A	N/A	
	FIRE SAFETY DURING CONSTRUCTION & DEMOLITION	CHAPTER 33	N/A	NO CHANGE	REFER TO DWG. N-1 & CONTRACTOR HASP.
	TIRE REBUILDING & TIRE STORAGE	CHAPTER 34	N/A	N/A	
	WELDING & OTHER HOT WORK	CHAPTER 35	N/A	N/A	
	MARINAS	CHAPTER 36	N/A	N/A	
	COMBUSTIBLE FIBERS	CHAPTER 37			
	RESERVED	CHAPTER 38-49	N/A	N/A	
	HAZARDOUS MATERIALS - GENERAL PROVISIONS	CHAPTER 50	N/A	N/A	
	AEROSOLS	CHAPTER 51	N/A	N/A	
	RESERVED	CHAPTER 52	N/A	N/A	
	COMPRESSED GASES	CHAPTER 53	N/A	N/A	
	CORROSIVE MATERIALS	CHAPTER 54	N/A	N/A	
	CRYOGENIC FLUIDS	CHAPTER 55	N/A	N/A	
	EXPLOSIVES & FIREWORKS	CHAPTER 56	N/A	N/A	
	FLAMMABLE & COMBUSTIBLE LIQUIDS	CHAPTER 57	N/A	N/A	
	FLAMMABLE GASES & FLAMMABLE CRYOGENIC FLUIDS	CHAPTER 58	N/A	N/A	
	FLAMMABLE SOLIDS	CHAPTER 59	N/A	N/A	
	HIGHLY TOXIC & TOXIC MATERIAL	CHAPTER 60	N/A	N/A	
	LIQUEFIED PETROLEUM GASES	CHAPTER 61	N/A	N/A	SEE CONSTRUCTION DRAWINGS
	ORGANIC PEROXIDES	CHAPTER 62	N/A	N/A	
	OXIDIZERS, OXIDIZING GASES & OXIDIZING CRYOGENIC FLUIDS	CHAPTER 63	N/A	N/A	
	PYROPHORIC MATERIALS	CHAPTER 64	N/A	N/A	
	PYROXYLIN (CELLULOSE NITRATE) PLASTICS	CHAPTER 65	N/A	N/A	
	UNSTABLE (REACTIVE) MATERIALS	CHAPTER 66	N/A	N/A	
	WATER - REACTIVE SOLIDS & LIQUIDS	CHAPTER 67	N/A	N/A	
	RESERVED	CHAPTER 68-79	N/A	N/A	
	FIRE - FLOW REQUIREMENTS FOR BUILDINGS	APPENDIX B	N/A	N/A	
	FIRE HYDRANT LOCATIONS & DISTRIBUTION	APPENDIX C	N/A	N/A	
	FIRE APPARATUS ACCESS ROADS	APPENDIX D	N/A	N/A	
	HAZARD CATEGORIES	APPENDIX E	N/A	N/A	
	HAZARD RANKING	APPENDIX F	N/A	N/A	
	CRYOGENIC FLUIDS - WEIGHT & VOLUME EQUIVALENTS	APPENDIX G	N/A	N/A	

CODE REVIEW CHECKLIST

CH.	TOPIC	BCNYS SECTION (UON)	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS *FURTHER DETAILS TO BE PROVIDED USING THE SUPPLEMENTAL INFORMATION TABLE*
FCNYS (CONT'D)	FIRE CODE OF NEW YORK STATE (EXPAND ANY APPLICABLE REQUIRMENTS IN SUPPLMENTAL TABLE AT RIGHT)				
	HAZARDOUS MATERIALS MANAGEMENT PLAN (HMMP) & HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS) INSTRUCTIONS	APPENDIX H	N/A	N/A	
	FIRE PROTECTION SYSTEMS - NONCOMPLIANT CONDITIONS	APPENDIX I	N/A	N/A	
	BUILDING INFORMATION SIGN	APPENDIX J	N/A	N/A	
	RESERVED	APPENDIX K	N/A	N/A	
	REQUIREMENTS FOR FIRE FIGHTER AIR REPLENISHMENT SYSTEMS	APPENDIX L	N/A	N/A	
	RESERVED	APPENDIX M	N/A	N/A	
	INDOOR TRADE SHOWS & EXHIBITIONS	APPENDIX N	N/A	N/A	
ECCNYS	ENERGY CONSERVATION CODE OF NEW YORK STATE (EXPAND ANY APPLICABLE REQUIRMENTS IN SUPPLMENTAL TABLE AT RIGHT)				
	GENERAL REQUIREMENTS	CHAPTER 3	N/A	N/A	
	COMMERCIAL ENERGY EFFICIENCY	CHAPTER 4	N/A	N/A	
	EXISTING BUILDINGS	CHAPTER 5	N/A	N/A	
NFPA 70	NFPA70 (EXPAND ANY APPLICABLE REQUIRMENTS IN SUPPLMENTAL TABLE AT RIGHT)				
	GENERAL	CHAPTER 1	N/A	NFPA 70	SEE CONSTRUCTION DRAWINGS
	WIRING & PROTECTION	CHAPTER 2	N/A	NFPA 70	SEE CONSTRUCTION DRAWINGS
	WIRING METHODS & MATERIALS	CHAPTER 3	N/A	NFPA 70	SEE CONSTRUCTION DRAWINGS
	EQUIPMENT FOR GENERAL USE	CHAPTER 4	N/A	NFPA 70	SEE CONSTRUCTION DRAWINGS
	SPECIAL OCCUPANCIES	CHAPTER 5	N/A	N/A	
	SPECIAL EQUIPMENT	CHAPTER 6	N/A	N/A	
	SPECIAL CONDITIONS	CHAPTER 7	N/A	N/A	
	COMMUNICATIONS SYSTEMS	CHAPTER 8	N/A	N/A	
	TABLES	CHAPTER 9	N/A	N/A	
MCNYS	MECHANICAL CODE OF NEW YORK STATE (EXPAND ANY APPLICABLE REQUIREMENTS IN SUPPLEMENTAL INFORMATION TABLE AT RIGHT)				
	GENERAL REGULATIONS	CHAPTER 3	N/A	N/A	
	VENTILATION	CHAPTER 4	N/A	N/A	
	EXHAUST SYSTEMS	CHAPTER 5	N/A	N/A	
	DUCT SYSTEMS	CHAPTER 6	N/A	N/A	
	COMBUSTION AIR	CHAPTER 7	N/A	N/A	
	CHIMNEYS & VENTS	CHAPTER 8	N/A	N/A	
	SPECIFIC APPLIANCES, FIREPLACES & SOLID FUEL - BURNING EQUIPMENT	CHAPTER 9	N/A	N/A	
	BOILERS, WATER HEATERS & PRESSURE VESSELS	CHAPTER 10	N/A	N/A	
	REFRIGERATION	CHAPTER 11	N/A	N/A	
	HYDRONIC PIPING	CHAPTER 12	N/A	N/A	
	FUEL OIL PIPING & STORAGE	CHAPTER 13	N/A	N/A	
	SOLAR THERMAL SYSTEMS	CHAPTER 14	N/A	N/A	
PCNYS	PLUMBING CODE OF NEW YORK STATE (EXPAND ANY APPLICABLE REQUIREMENTS IN SUPPLEMENTAL INFORMATION TABLE AT RIGHT)				
	GENERAL REGULATIONS	CHAPTER 3	N/A	N/A	
	FIXTURES, FAUCETS & FIXTURE FITTINGS	CHAPTER 4	N/A	N/A	
	WATER HEATERS	CHAPTER 5	N/A	N/A	
	WATER SUPPLY & DISTRIBUTION	CHAPTER 6	N/A	N/A	
	SANITARY DRAINAGE	CHAPTER 7	N/A	N/A	
	INDIRECT/SPECIAL WASTE	CHAPTER 8	N/A	N/A	
	VENTS	CHAPTER 9	N/A	N/A	
	TRAPS, INTERCEPTORS & SEPARATORS	CHAPTER 10	N/A	N/A	
	STORM DRAINAGE	CHAPTER 11	N/A	N/A	
	SPECIAL PIPING & STORAGE SYSTEMS	CHAPTER 12	N/A	N/A	
	NONPOTABLE WATER SYSTEMS	CHAPTER 13	N/A	N/A	
	SUBSURFACE LANDSCAPE IRRIGATION SYSTEMS	CHAPTER 14	N/A	N/A	
FGCNYS	FUEL GAS CODE OF NEW YORK STATE (EXPAND ANY APPLICABLE REQUIREMENTS IN SUPPLEMENTAL INFORMATION TABLE AT RIGHT)				
	GENERAL REGULATIONS	CHAPTER 3	N/A	N/A	
	GAS PIPING INSTALLATIONS	CHAPTER 4	N/A	N/A	
	CHIMNEYS & VENTS	CHAPTER 5	N/A	N/A	
	SPECIFIC APPLIANCES	CHAPTER 6	N/A	N/A	
	GASEOUS HYDROGEN SYSTEMS	CHAPTER 7	N/A	N/A	
	SIZING A CAPACITIES OF GAS PIPING	APPENDIX A	N/A	N/A	
	SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS CATEGORY I APPLIANCES & APPLIANCES LISTED FOR USE W/ TYPE B VENTS	APPENDIX B	N/A	N/A	
	EXIT TERMINAL OF MECHANICAL DRAFT & DIRECT - VENT VENTING SYSTEM	APPENDIX C	N/A	N/A	
	RECOMMENDED PROCEDURE FOR SAFETY INSPECTION OF AN EXISTING APPLIANCE INSTALLATION	APPENDIX D	N/A	N/A	

SUPPLEMENTAL INFORMATION

CH.	EXPANDED TOPIC	CODE SECTION	MIN. CODE REQMTS.	ACTUAL	LOCATION IN DRAWINGS

COMMENTS, REMARKS, & CLARIFICATIONS

NOTE:
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SSI (CASE FORM 101) & STRUCTURAL REPORTS AVAILABLE UNDER SEPARATE COVERS.

- SSI DATED 06/12/20
- STRUCTURAL DESIGN REPORT DATED 09/26/24 (VALMONT)

verizon
4 CENTEROCK ROAD
WEST NYACK, NY 10994

APT ENGINEERING
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PH: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	06/10/20	FOR REVIEW: RCB
1	01/14/21	REV. GENERATOR: RCB
2	10/10/24	COUNTY REVISIONS: RCB
3	11/25/24	ENV. COMMENTS: RCB
4	12/03/24	ENV. COMMENTS: RCB
5		
6		

DESIGN PROFESSIONALS OF RECORD

PROF: SCOTT M. CHASSE P.E.
COMP: APT ENGINEERING
ADD: 567 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06385

OWNER: SUFFOLK COUNTY
ADDRESS: 100 VETERANS MEMORIAL PKWY HAUPPAUGE, NY 11788

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VERIZON AT "SEWER DISTRICT #20"

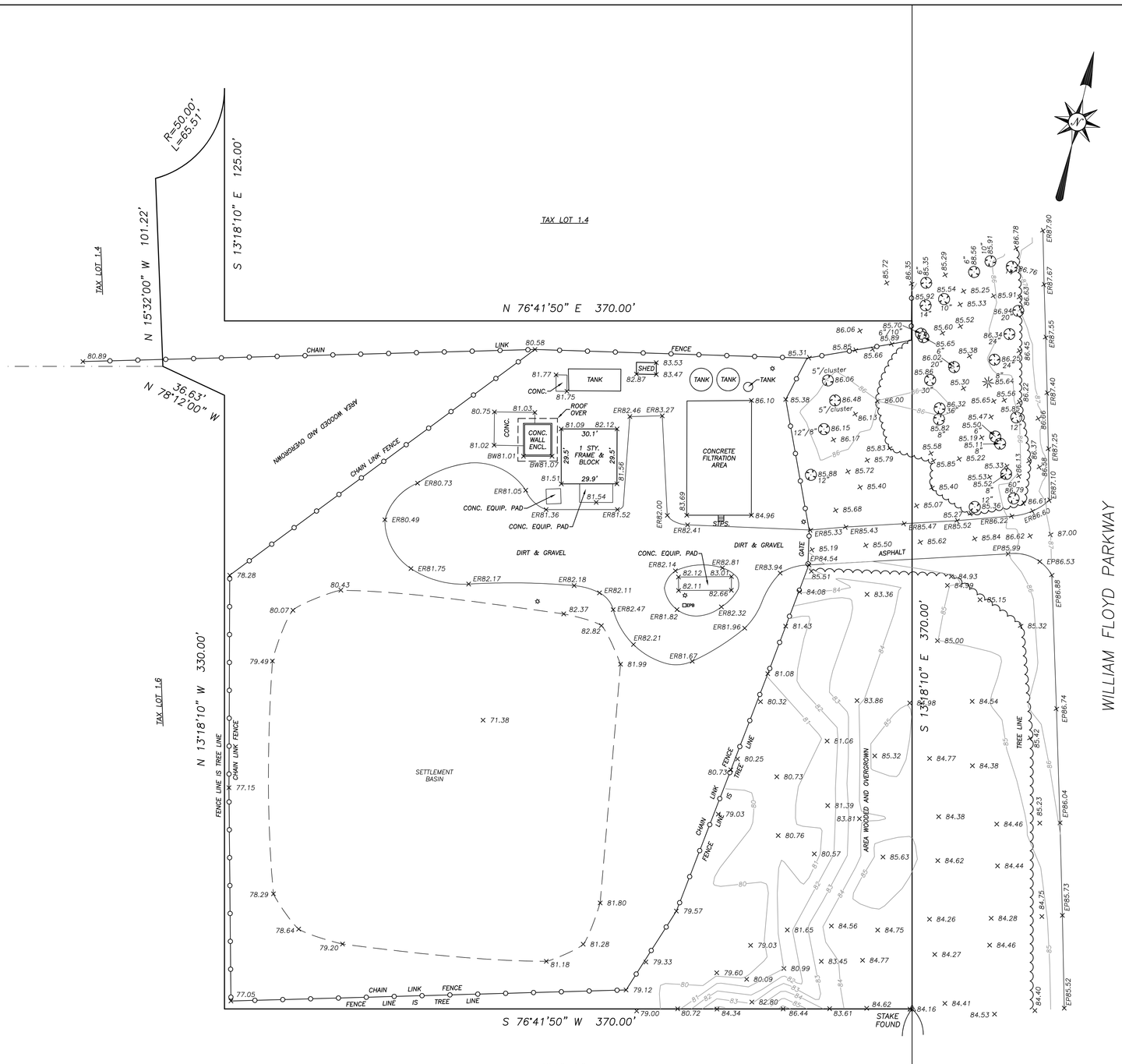
SITE ADDRESS: 2195 WILLIAM FLOYD PARKWAY RIDGE, NY

APT FILING NUMBER: NY141NB1610
VZ FUZE ID: 15083989
LOCATION CODE:
VZ CM: OZ | DRAWN BY:CSH/ELZ
DATE: 06/10/20 | CHECKED BY: RCB

SHEET TITLE:
SUFFOLK COUNTY BUILDING CODE REVIEW

SHEET NUMBER:
CR-4

STATE OF NEW YORK · SCOTT M. CHASSE · 076603 · LICENSED PROFESSIONAL ENGINEER



LEGEND	
ER100.00×	EDGE OF ROAD ELEV.
EP100.00×	EDGE OF PAVEMENT ELEV.
100.00×	SPOT ELEVATION
☼	LIGHT POLES
□EPB	ELECTRIC PULLBOX
⊕ ✳	TREE AND DIAMETER

NOTE:
– ELEVATIONS SHOWN REFER TO THE NAVD88 DATUM

Date	Revisions
5/15/2020	REVISE 4 TREE LOCATIONS
5/6/2020	ADDITIONAL TOPO AT NE CORNER
11/24/14	ADD ADDITIONAL ELEVATIONS AND CONTOURS

"Unauthorized alteration or addition to a survey map bearing a licensed Land Surveyor's seal is a violation of Article 134, Section 7209, Subdivision 2, of the New York State Education Law."
"Copies from the original of this survey map not marked with an original of the Land Surveyor's inked seal or his embossed seal shall not be considered a valid true copy."
"Certification indicated hereon signify that this survey was prepared in accordance with the existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors. Said Certifications shall run only to the person for whom the survey is prepared and on his behalf to the title company, governmental agency, and lending institution. Certifications are not transferable to additional institutions or subsequent owners."
"The offsets (or dimensions) shown hereon from the structures to the property lines are for a specific purpose and use and therefore are not intended to guide the erection of fences, retaining walls, pools, patios, planting areas, additions to buildings or any other construction."
"Easements in existence or of record, if any, not shown."

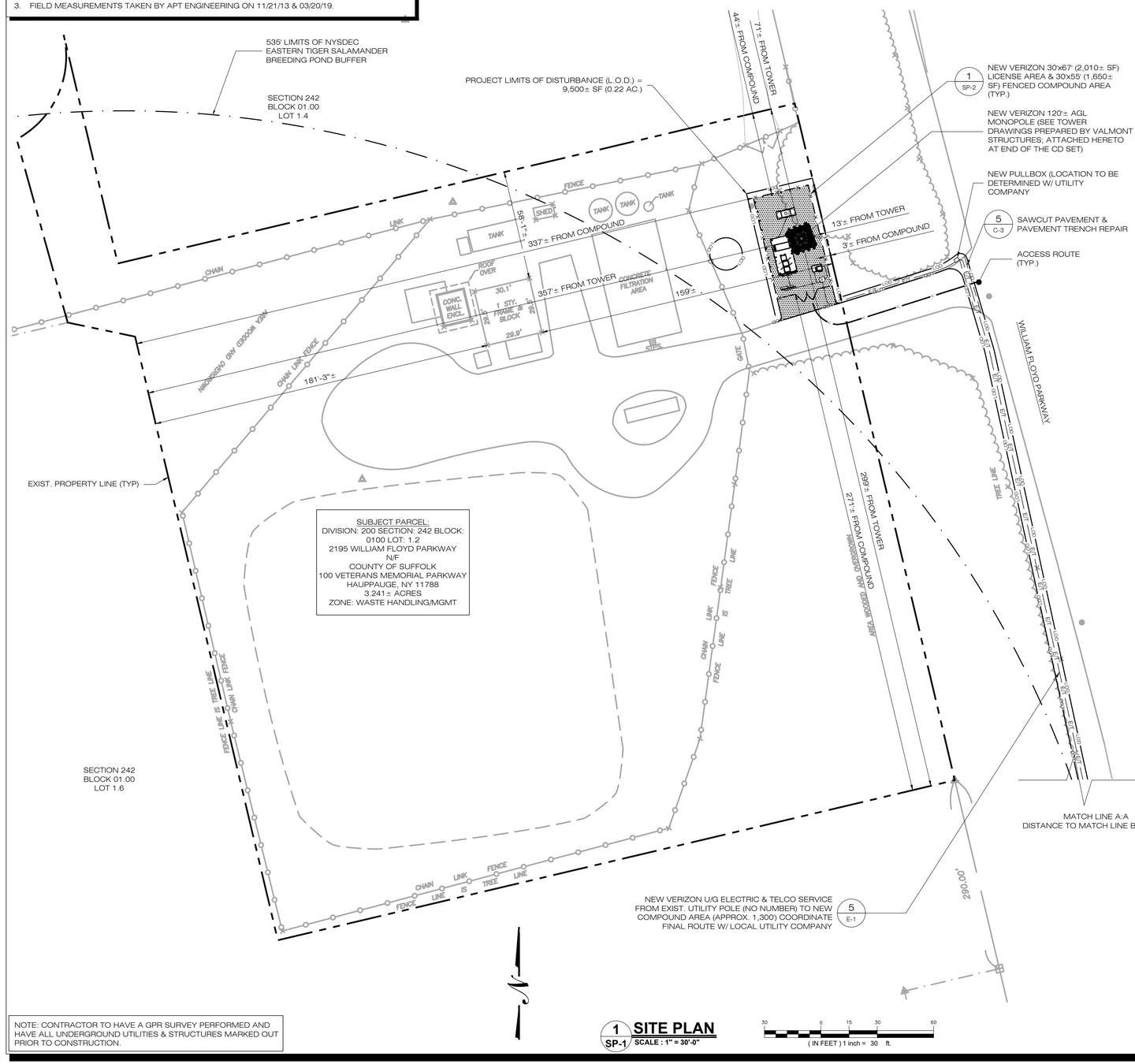
John J. Toscano P.L.S. 049872

SURVEY OF PROPERTY AT RIDGE
SUFFOLK COUNTY, NEW YORK
SHOWN AS SCTM DISTRICT 0200 SECTION 242
BLOCK 01 LOT 1.2

CARMAN–DUNNE, P.C.
CONSULTING ENGINEERS & SURVEYORS
2 Lakeview Avenue, Lynbrook, New York 11563
TEL. (516) 599–5563 FAX (516) 593–4873

Date:	File: K:\Projects\2014\2014254\2014254_SURVEY Palette: LegacyCDunne		
OCT. 22, 2014			
Plate No.: 178	Project No.: 2014254.00	Scale: 1"=30'	Sheet 1 of 1

MAP REFERENCES:
1. "SURVEY OF PROPERTY AT RIDGE, SUFFOLK COUNTY, NEW YORK", SHEET 1 OF 1, PREPARED BY CARMAN-DUNNE, P.C. CONSULTING ENGINEERS & SURVEYORS, 2 LAKEVIEW AVENUE, LYNBROOK, NEW YORK, 11563. DATED OCTOBER 22, 2014; REVISED: 5/15/2020.
2. "SUFFOLK COUNTY GIS VIEWER", DEPARTMENT OF INFORMATION TECHNOLOGY, SUFFOLK COUNTY, NEW YORK, TAX MAP NUMBER: 020024200010000 1002.
3. FIELD MEASUREMENTS TAKEN BY APT ENGINEERING ON 11/21/13 & 03/20/19.



NOTE: CONTRACTOR TO HAVE A GPR SURVEY PERFORMED AND HAVE ALL UNDERGROUND UTILITIES & STRUCTURES MARKED OUT PRIOR TO CONSTRUCTION.

1 SP-1 **SITE PLAN**
SCALE : 1" = 30'-0"

30 0 15 30 60
(IN FEET) 1 inch = 30 ft.

APPLICABLE BUILDING CODES AND STANDARDS:

CONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISTICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF THE CONTRACT AWARD SHALL GOVERN THE DESIGN.

CODES:
2020 BUILDING CODE OF NEW YORK STATE
2020 EXISTING BUILDING CODE OF NEW YORK STATE
2020 FIRE CODE OF NEW YORK STATE
2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
2020 MECHANICAL CODE OF NEW YORK STATE
2020 PLUMBING CODE OF NEW YORK STATE
2017 NATIONAL ELECTRICAL CODE (NFPA 70)
2017 LIQUEFIED PETROLEUM GAS CODE (NFPA 58)

THE SUBJECT DESIGN/DRAWINGS ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.

CONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST APPROVED EDITION OF THE STANDARDS REFERENCED IN ABOVE CODES.

AMERICAN CONCRETE INSTITUTE (ACI-318), BUILDING CODE REQUIREMENT FOR STRUCTURAL CONCRETE;
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC-360), MANUAL OF STEEL CONSTRUCTION, 16TH EDITION;
TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-H, STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS.
TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS.

IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING & GROUNDING OF ELECTRONIC EQUIPMENT
IEEE C62.41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY 'C3' AND 'HIGH SYSTEM EXPOSURE')
MOTOROLA R56 TELECOMMUNICATION FACILITY SITE STANDARDS

TELECORDIA GR-1275 GENERAL INSTALLATION REQUIREMENTS
TELECORDIA GR-1503 COAXIAL CABLE CONNECTIONS

ANSI T1.311, FOR TELECOM: DC POWER SYTEMS - TELECOM, ENVIRONMENTAL PROTECTION

SPECIAL INSPECTIONS (SSI AVAILABLE UNDER SEPARATE COVER, CASE FORM 101):

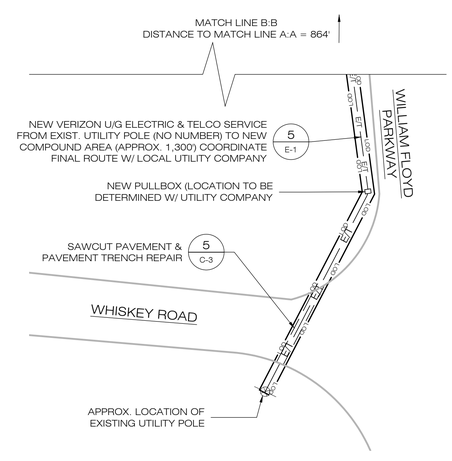
CAST-IN-PLACE CONCRETE - 2020 BCNYS, TABLE 1705.3

REINFORCEMENT	INSPECT SIZE, SPACING, COVER, POSITIONING, BAR LAPS/SPLICES AND GRADE OF REINFORCING STEEL. VERIFY BARS ARE ADEQUATELY TIED AND SUPPORTED ON CHAIRS OR BOLSTERS
ANCHORS CAST IN CONC.	INSPECT SIZE, POSITIONING, EMBEDMENT AND CONCRETE PLACEMENT AROUND ANCHOR RODS.
ANCHORS HARDENED CONC.	VERIFY ANCHORS INSTALL COMPLY WITH DRAWINGS, INCLUDING SIZE, EMBEDMENT & CONDITIONS.
CONCRETE MIX	REVIEW CONCRETE BATCH TICKETS & VERIFY COMPLIANCE WITH APPROVED MIX DESIGN. VERIFY THAT WATER ADDED AT THE SITE DOES NOTE EXCEED THAT ALLOWED BY MIX DESIGN.
CONCRETE TESTING	TEST CONCRETE COMPRESSIVE STRENGTH (ASTM C31 & C39), SLUMP (ASTM C143), AIR-CONTENT (ASTM C231) AND TEMPERATURE (ASTM C1064).
CONCRETE PLACEMENT	VERIFY CONCRETE CONVEYANCE AND DEPOSITING AVOIDS SEGREGATION OR CONTAMINATION. VERIFY CONCRETE IS PROPERLY CONSOLIDATED.
CURING	INSPECT CURING, COLD WEATHER PROTECTION AND HOT WEATHER PROTECTION PROCEDURES.

STRUCTURAL STEEL - AISC 360-10 CHAPTER N

FAB. CERT. / QC PROCEDURES	REVIEW SHOP FABRICATION AND QUALITY CONTROL PROCEDURES.
MATERIAL CERTIFICATION	REVIEW CERTIFIED MILL TEST REPORTS AND IDENTIFICATION MARKINGS ON WIDE-FLANGE SHAPES, HIGH-STRENGTH BOLTS, NUTS AND WELDING ELECTRODES.
BOLTING	INSPECT INSTALLATION AND TIGHTENING OF HIGH-STRENTH BOLTS. VERIFY THAT SPLINES HAVE SEPARATED FROM TENSION CONTROL BOLTS. VERIFY PROPER TIGHTENING SEQUENCE. CONTINUOUS INSPECTION OF BOLTS IN SLIP-CRITICAL CONNECTIONS.
STRUCTURAL DETAILS	INSPECT STEEL FRAME FOR COMPLIANCE WITH STRUCTURAL DRAWINGS, INCLUDING BRACING, MEMBER CONFIGURATION AND CONNECTION DETAILS.
TOWER ERECTION	INSPECT SLIP JOINT POLES, LAP LENGTHS, JACKING SEQUENCE, SAFETY CLIMB ACCESSORIES, ETC. ARE PERFORMED IN CONFORMANCE WITH TOWER MANUFACTURER.
GROUNDING/BONDING	VERIFY GROUND/BONDING INSTALLATION.

NOTES:
1. PURSUANT TO THE NYSDEC's SEPTEMBER 14, 2023 LETTER OF NO JURISDICTION/NO PERMIT NECESSARY DETERMINATION TO AVOID INCIDENTAL TAKE OF NORTHERN LONG-EARED BAT, TREE CLEARING FOR THE PROJECT IS PROHIBITED BETWEEN JUNE 1 AND JULY 30 OF ANY CALENDAR YEAR.
2. PURSUANT TO THE NYSDEC's SEPTEMBER 14, 2023 LETTER OF NO JURISDICTION/NO PERMIT NECESSARY DETERMINATION, TO AVOID INCIDENTAL TAKE OF EASTERN TIGER SALAMANDER, CLEARING, GRADING, OR GROUND DISTURBANCE IS PROHIBITED WITHIN 535 FEET OF EASTERN TIGER SALAMANDER BREEDING POND BUFFER SHOWN ON SHEETS SP-1 AND SP-2.



verizon

4 CENTEROCK ROAD
WEST NYACK, NY 10994

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567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PH: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	06/10/20	FOR REVIEW: RCB
1	01/14/21	REV. GENERATOR: RCB
2	10/10/24	COUNTY REVISIONS: RCB
3	11/25/24	ENV. COMMENTS: RCB
4	12/03/24	ENV. COMMENTS: RCB
5		
6		

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VZ CM: OZ | DRAWN BY:CSH/ELZ

DATE: 06/10/20 | CHECKED BY: RCB

SHEET TITLE:

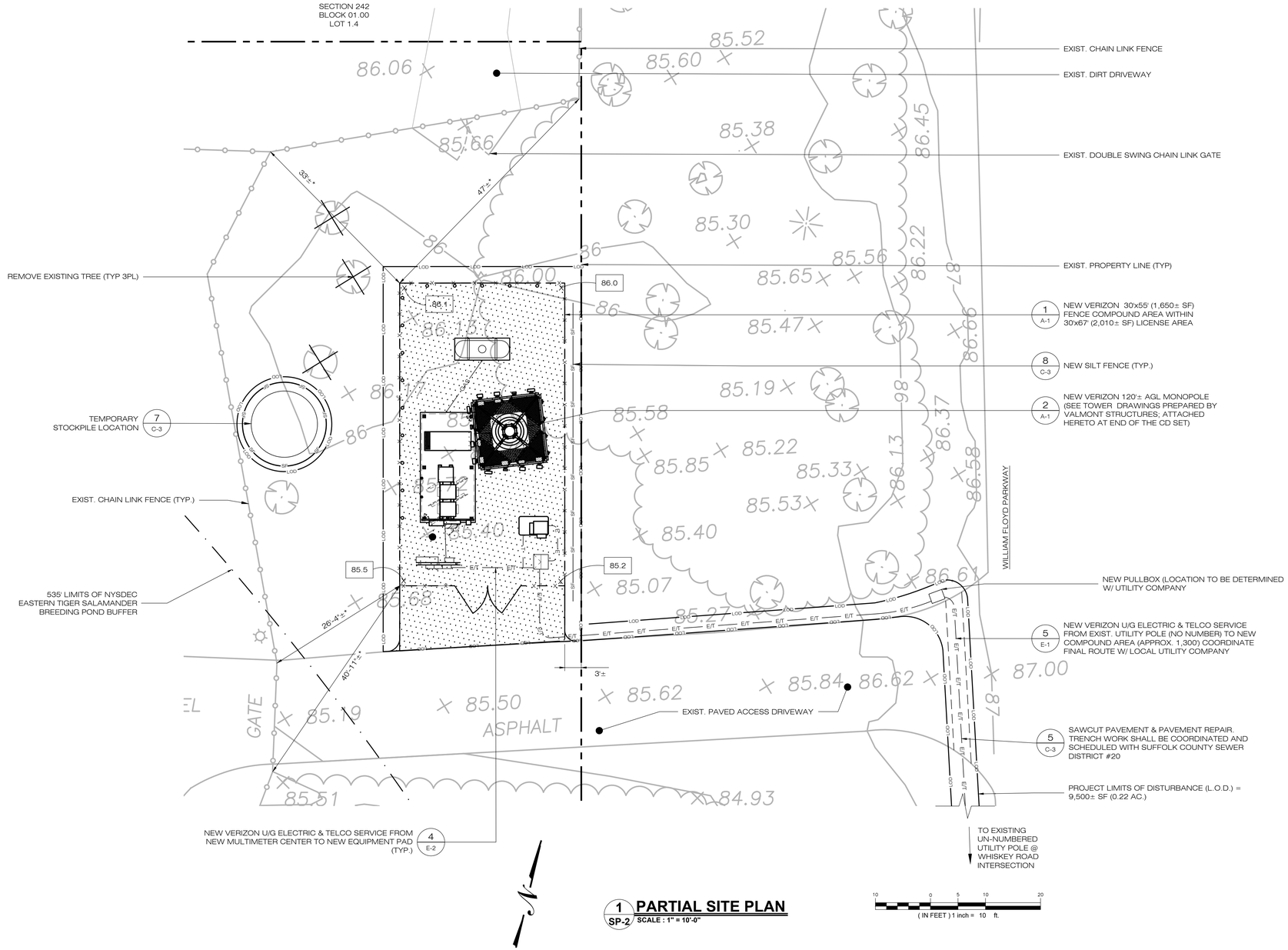
SITE PLAN

SHEET NUMBER:

SP-1

STATE OF NEW YORK · SCOTT M. CHASSE · 076603 · LICENSED PROFESSIONAL ENGINEER

NOTE:
* CONTRACTOR TO VERIFY IN FIELD. STAKEOUT TO BE PERFORMED BY LICENSED SURVEYOR RETAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION COMMENCING.



1 SP-2 PARTIAL SITE PLAN
SCALE : 1" = 10'-0"

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SITE AREAS & VOLUMES OF EARTHWORK

THE COMPOUND AND PARKING AREA WILL IMPORT APPROXIMATELY 40 CUBIC YARDS OF CLEAN BROKEN STONE. THE UTILITY TRENCH FROM THE DEMARC TO THE COMPOUND WILL EXCAVATE APPROXIMATELY 720 CUBIC YARDS OF MATERIAL THAT WILL BE USED TO BACKFILL THE TRENCH.

COMPOUND AREA SLOPES:
EXISTING - 0%-1%
PROPOSED - 0%-1%

TOTAL AREA OF DISTURBANCE = 9,500± SF (0.22 AC.)

STORMWATER VELOCITY:
PRIOR TO GROUND COVER < 3.0 FT/SEC
FOLLOWING GROUND COVER < 3.0 FT/SEC

STORMWATER VOLUME:
PROPOSED IMPERVIOUS AREA = 2,010 SF
WATER QUALITY STD VOLUME (1") = 168 CF
STORAGE VOLUME (6" DEPTH, 40% VOIDS) = 330 CF

GROUND COVER TO BE ESTABLISHED AS FOLLOWS (U.O.N):
- WHITE CLOVER @ 0.20#/- SF
- TALL FESCUE @ 0.45#/- SF
- RYEGRASS @ 0.10#/- SF

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