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June 5, 2025

via email: matthew.hubicki@dec.ny.gov

New York State Department of Environmental Conservation Division of Environmental Remediation 625 Broadway, Albany, New York 12233

RE: 120 & 130 Midland Avenue

NYSDEC BCP C360195 Port Chester, New York SESI Project No. 12365C

Dear Mr. Hubicki:

The scope of work described below details the planned development for 120 Midland Ave, Port Chester, New York which is located on Site No. C360195 (the 'Site") that achieved a Track 4 Commercial Use remedy in December 2023 in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP).

After completion of the remedial work, some contamination was left at this site, which is referred to as "remaining contamination". Institutional and Engineering Controls (ICs and ECs) have been incorporated into the site remedy to control exposure to remaining contamination to ensure protection of public health and the environment. An Environmental Easement was granted to the NYSDEC and recorded with the Westchester County Clerk, which requires compliance with the NYSDEC-approved Site Management Plan ("SMP") and all ICs and ECs placed on the site.

#### 1.0 SUMMARY OF ENVIRONMENTAL CONDITIONS

The Site has achieved a Track 4 remedy and received a Certificate of Completion (COC) on December 29, 2023. Soils were excavated down to approximately 4 ft-bgs beneath footprint of the existing Floor and Decor building located on the portion of the Site designated as 130 Midland Avenue (See C-1). Eighteen (18) documentation end-point samples were collected at a minimum frequency of 1 per 5,000 ft2 in each grid in accordance with Interim Remedial Measures Work Plan and analyzed for Target Compound List (TCL)/Target Analyte List (TAL)+30 and per- and

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polyfluoroalkyl substances (PFAS). End-point documentation samples identified Commercial SCO exceedances benzo(a)pyrene in nine (9) samples, barium in two (2) samples, cadmium in one (1) sample, and PCBs in one (1) sample.

Exposure to remaining contamination at the Site is prevented by an engineered composite cover system (CCS) placed over the Site. A cover system was installed to prevent exposure to remaining soil contamination. Approximately 5.90 of 6.195 acres of the Site was covered by at least four (4) inches of concrete or asphalt. Approximately 0.29 acres in the southwestern portion of the Site was capped with 12 inches of clean soil meeting the Commercial SCO. Figure 3.1 of the SMP presents the Site capping Plan, and Figure 3.2 of the SMP presents Site Demarcation Plan (attached). The cap is inspected annually and the observations are presented in the annual PRR.

#### 2.0 DESCRIPTION OF WORK TO BE PERFORMED

The following is a summary of work to be performed to redevelop the portion of the Site designated as 120 Midland Avenue. All work performed per the scope of work below will be conducted in general accordance with the Excavation Work Plan (EWP) that is included in Appendix D of the SMP for the Site. The detailed development is depicted on engineering drawings C-1- Cover Sheet, C-10 Removal Plan, C-101 Site Plan, C201 Striping & Sign Plan, C-301 Grading and Utility Plan, C-401 Erosion & Sediment Control Plan, C-501 Details, C502 Details, C503 Details, L101 Landscape Plan, L102 Details, and LP-101 Lighting Photometric Plan, prepared by DTS Provident Design Engineering, LLP. Specifically, the development work includes the following.

- A. Excavation of the existing asphalt cap.
- B. Excavation for foundations and utilities.
- C. Excavation for footings and foundation, using ground improvement rapid compaction will be utilized in the building foundation footprint to achieve proper soil density for the structural load.
- D. Utility excavation and landscaped areas will have the required demarcation fabric installed and then clean fill for the top 12-inches.
- E. Installation of a final concrete foundation cap, asphalt cap, and landscaped area cap.

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#### 3.0 APPLICABLE COMPONENTS OF THE EXCAVATION WORK PLAN (EWP)

- A. **HASP:** A HASP for the Site that was provided in Appendix E of the SMP to provide a mechanism for establishing safe working conditions during remedial action activities. The HASP will be adhered to during all ground intrusive activities.
- B. **Soil Screening Methods:** Soil screening will be performed when invasive work is done and will include all excavation and invasive work performed during development, such as excavations for foundations and utility work as specified in Section C-2 of the EWP.
- C. **Soil Excavation and Staging Methods**: All ground intrusive work will be conducted under the oversight of a Qualified Environmental Professional (QEP) as specified in Section C-4 of the EWP. Excavated soils will either be direct loaded for off-site disposal or stockpiled on site. If stockpiled on Site, the material will be temporarily staged in stockpiles and managed as specified in Section C-3 of the EWP. The contractor will place a call to the "Call Before You Dig" number prior to the start of work to mark out the subsurface utilities in the work areas.
- E. **Soil Testing:** The soils planned for off-site disposal will be tested per the receiving facility requirements. The sampling will be conducted either in-situ prior to start of excavation or from the excavated soils stockpiles.
- F. Materials Transport Off-Site: Per Section C-5 of the EWP transport of all materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded. Per Section C-6 of the EWP all material excavated and removed from the Site will be treated as contaminated and regulated material and will be transported and disposed off-Site in a permitted facility in accordance with all local, State and Federal regulations. If disposal of material from this Site is proposed for unregulated off-Site disposal (i.e. clean soil removed for development purposes), a formal request with an associated plan and approval by the NYSDEC project manager. Estimated quantities and a breakdown by class of disposal facility and disposal facilities approvals will be obtained and presented to NYSDEC prior to removal.
- **G. Materials Reuse On-Site:** Re-use of materials is not anticipated. However, if re-use of on-site material is desired, the requirements of Section C-7 of the EWP will be adhered to
- **H. Fluid Management:** The planned excavation is shallow and therefore, groundwater extraction and treatment is not anticipated. However, if encountered, the requirements of Section C-8 of the EWP will be adhered to.

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- I. Cover System Restoration: After the completion of soil removal and any other invasive activities the cover system will be restored in a manner that complies with the decision document and Section C-9 of the EWP.
- J. Backfill from Off-site Sources: All materials proposed for import onto the Site will be approved by the qualified environmental professional, as defined in 6 NYCRR Part 375, and will be in compliance with provisions in Section C-10 of the EWP prior to receipt at the Site. A Request to Import/Reuse Fill or Soil form, which can be found at http://www.dec.ny.gov/regulations/67386.html, will be prepared and submitted to the NYSDEC project manager allowing a minimum of 5 business days for review.
- K. Stormwater Pollution Prevention: Erosion control measures for the Site are specified in the C-401 Erosion & Sediment Control Plan and as required in Section C-11 of the EWP.
- L. Excavation Contingency Plan: If underground tanks or other previously unidentified contaminant sources are found during post-remedial subsurface excavations or development related construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition. The NYSDEC project manager will be promptly notified of the discovery as required in Section C-12 of the EWP.
- M. **CAMP Monitoring:** The Community Air Monitoring Plan (CAMP) provided in Appendix E of the SMP and Section C-13 of the EWP will be implemented per NYSDEC requirements during all ground intrusive work. This will require air monitoring equipment to be set up both upwind and downwind of the work area.
- N. **Odor and Dust Control Plan:** All necessary means will be employed to prevent on- and off-Site nuisances. Provision of Section C-14 and C-15 of the EWP will be adhered to.
- O. The SMP will be revised to include the plan of the new cap once the construction is completed.

#### **4.0 REPORTING**

Weekly reports will be submitted to NYSDEC and NYSDOH Project Managers on Monday following the end of the week of the reporting period and will include:

- Activities relative to the Site during the previous reporting period and those anticipated for the next reporting period, including a quantitative presentation of work performed (i.e. tons of material exported and imported);
- Description of approved activity modifications, including changes of work scope and/or schedule;

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- Sampling results received following internal data review and validation, as applicable;
- An update of the remedial schedule including the percentage of project completion, unresolved delays encountered or anticipated that may affect the future schedule, and efforts made to mitigate such delays;
- A description of any CAMP exceedances recorded, and actions taken to remedy any exceedances (exceedances will be reported to the NYSDEC and NYSDOH project managers on a daily basis as well), and;
- In addition to the weekly reports, a description of any CAMP, noise, odor, and/or vibration complaints will be reported to the NYSDEC and NYSDOH project managers on a daily basis.

#### **5.0 WORK SCHEDULE**

The planned development will take 16 months to complete and is scheduled to commence July 1, 2025 and to be completed by October 31, 2026.

Sincerely,

**SESI CONSULTING ENGINEERS** 

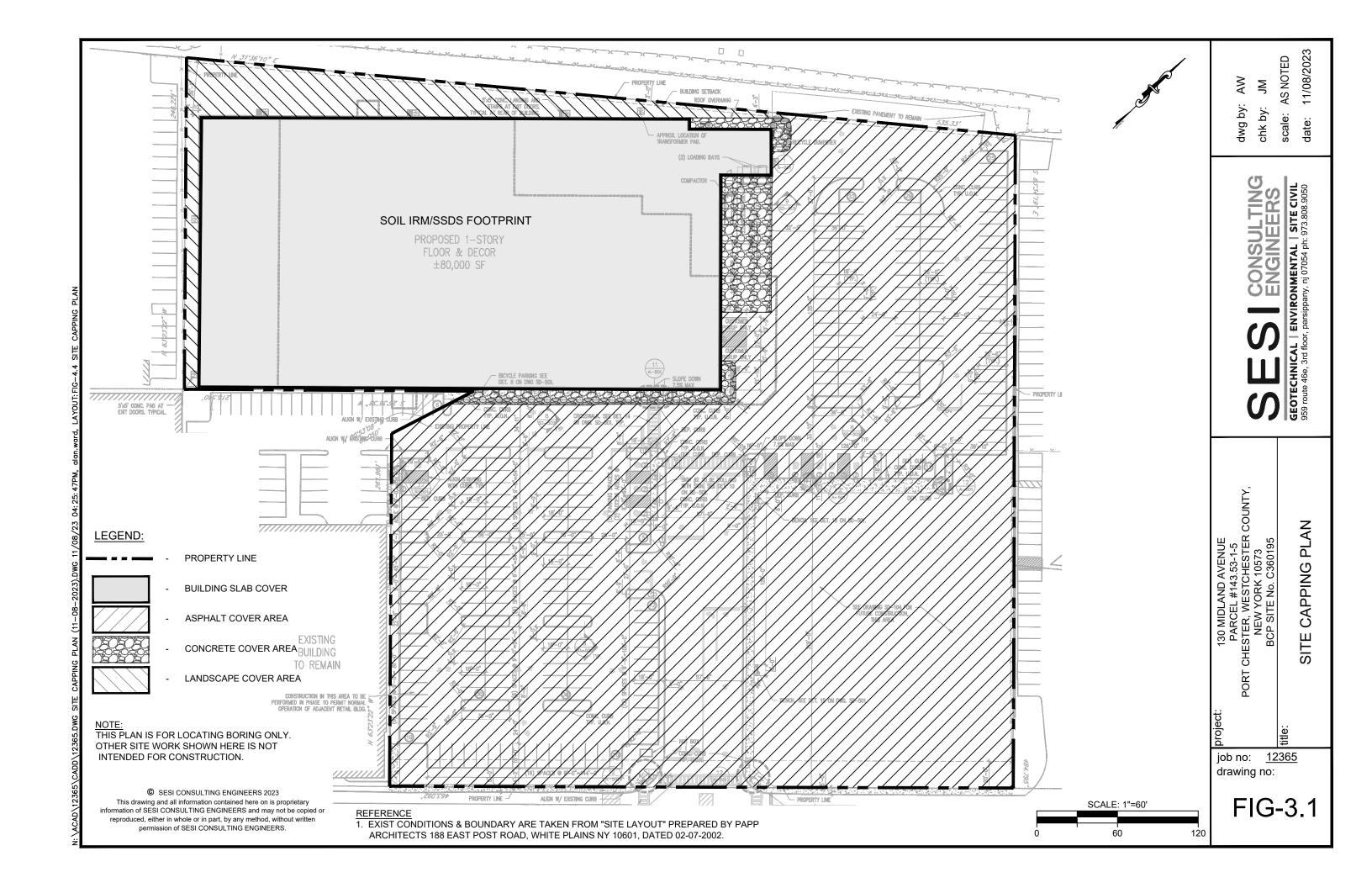
Fuad Dahan, PE Principal

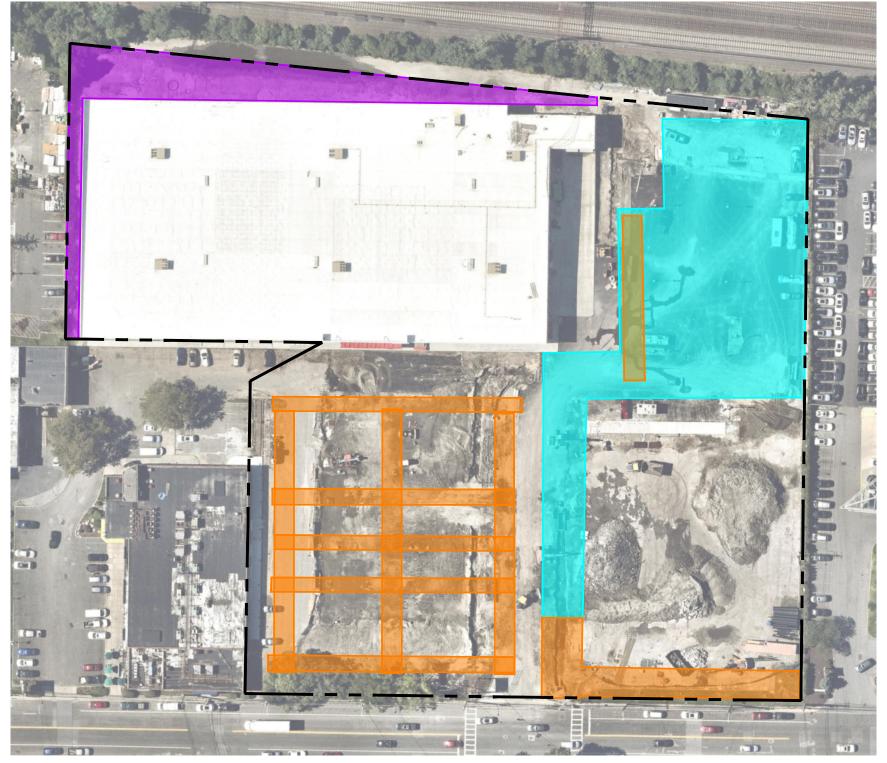
#### Attachment:

Figures (Site Capping Plan and Site Demarcation Plan)

N:\PROJECTS\12365C-Port Chester NY\Reports\Development Work Plan\Project#12365C Development Workplan 130 Midland Ave\_2025.06.03 CLEAN.docx







LEGEND:

ORANGE SNOW FENCE INSTALLED BETWEEN IMPORTED RCA MATERIAL AND SUB-BASE/ASPHALT

LANDSCAPE AREAS WITH ORANGE SNOW FENCE BELOW ONE FOOT OF TOPSOIL MEETING CSCO's

BLACK GEOTEXTILE FABRIC INSTALLED BETWEEN IMPORTED RCA MATERIAL AND SUB-BASE/ASPHALT

PROPERTY BOUNDARY

Scale 1"=80'
0 80 160

SECTECHNICAL | ENVIRONMENTAL | SITE CIVIL 959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH; 973.808.9050

AS NOTED 11/07/2023

scale: date:

 $\overset{\mathsf{A}}{\vee}$ 

dwg by: chk by:

DEMARCATION PLAN

130 MIDLAND AVENUE PARCEL #142.53-1-5 IT CHESTER, WESTCHESTER COUNTY, NEW YORK 10573 BCP SITE No. C360195

io: <u>1236</u>

job no: <u>12365</u> drawing no:

FIG-3.2

1 of 1

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# CD-3.R20

# SOURCE: VILLAGE OF PORT CHESTER ZONING MAP

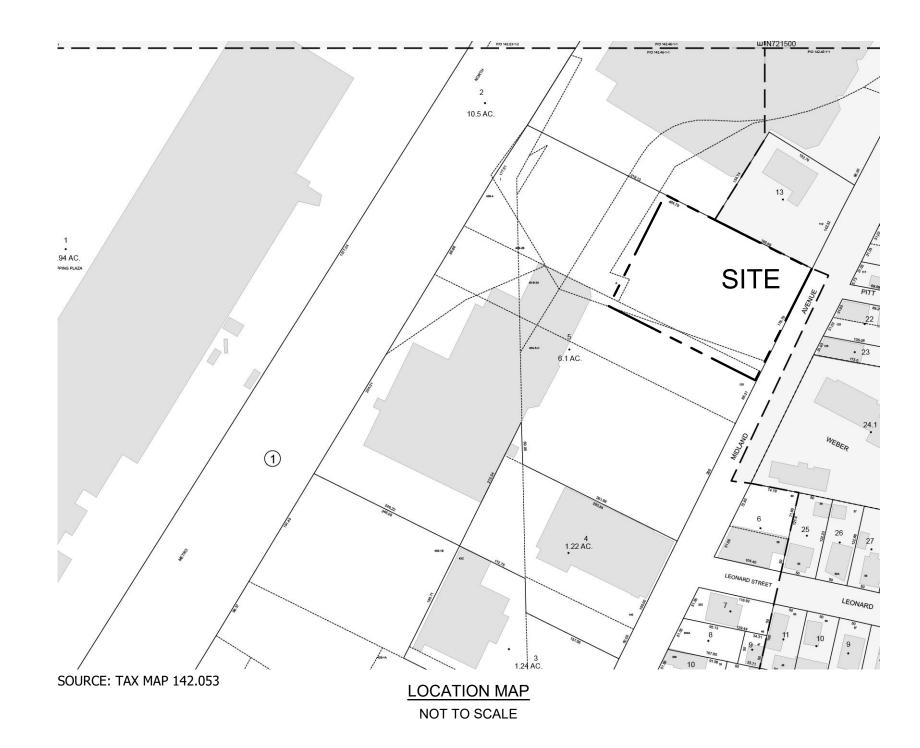
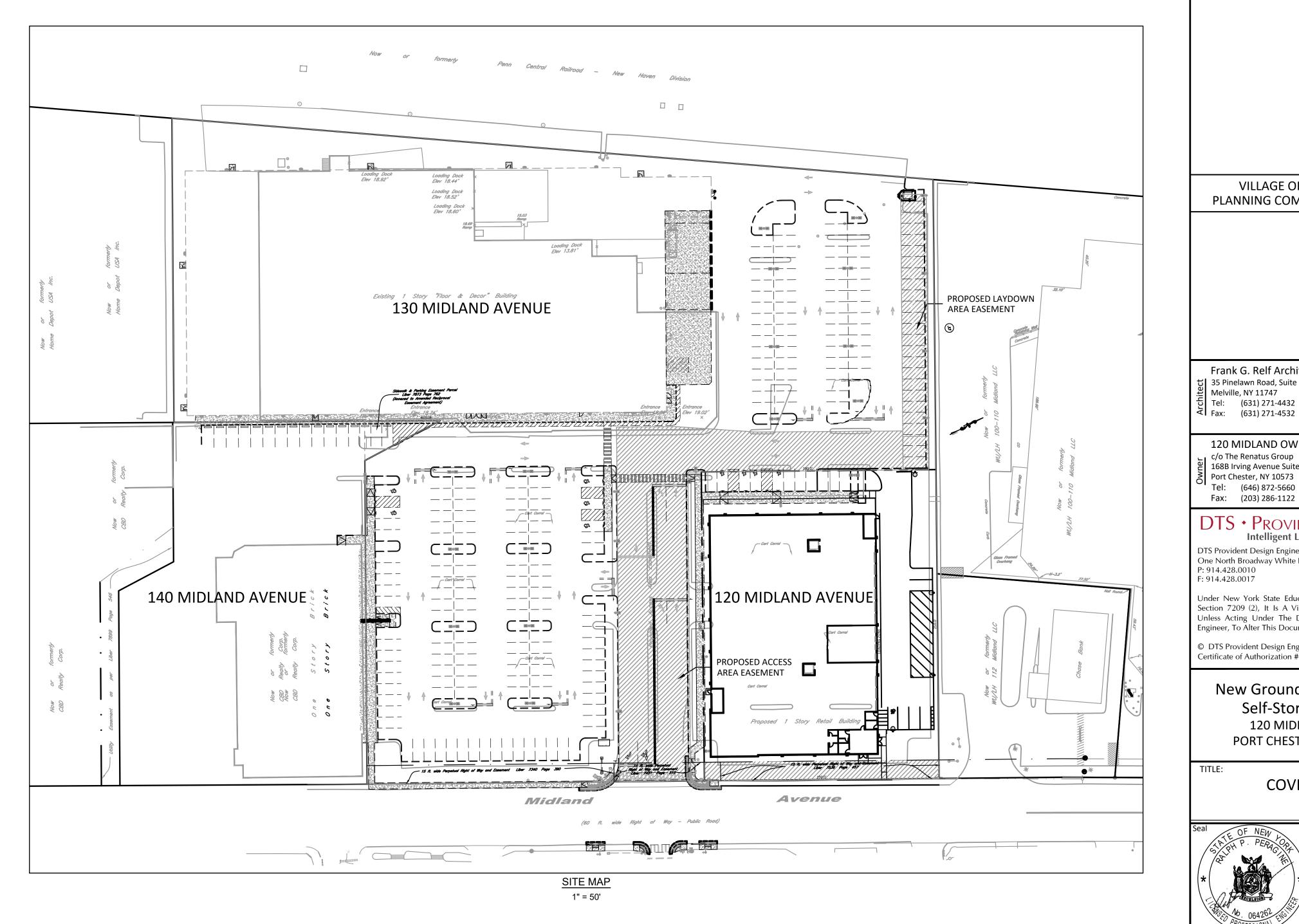


TABLE OF DRAWINGS				
DWG. NO.	TITLE	SHEET		
C-1	COVER SHEET	1	OF	13
C-10	REMOVALS PLAN	2	OF	13
C-101	SITE PLAN	3	OF	13
C-201	STRIPING & SIGN PLAN	4	OF	13
C-301	GRADING & UTILITY PLAN	5	OF	13
C-401	EROSION & SEDIMENT CONTROL PLAN	6	OF	13
C-501	DETAILS	7	OF	13
C-502	DETAILS	8	OF	13
C-503	DETAILS	9	OF	13
LP-101	LIGHTING PHOTOMETRIC PLAN	10	OF	13
L-101	LANDSCAPE PLAN	11	OF	13
L-102	LANDSCAPE DETAILS & NOTES	12	OF	13
TM-101	TURNING MOVEMENTS	13	OF	13

FLOOD INSURANCE RATE MAP DATA MAP NUMBER 36119C0293F MAP REVISED SEPTEMBER 28, 2007 ZONE AE (EL 12)

# NEW GROUND UP THREE STORY SELF-STORAGE BUILDING

AMENDED SITE PLAN APPROVAL DRAWINGS 120 MIDLAND AVENUE PORT CHESTER (V), NEW YORK



1	GENERAL REVISIONS	2/0/2024
2	TRAFFIC AND PLANNING REVIEW	3/26/2024
3	PLANNING BOARD COMMENTS	4/9/2024
4	PLANNING BOARD COMMENTS	05/08/2024
5	REVISED PER VILLAGE COMMENTS	6/4/2024
6	ISSUED FOR BUILDING PERMIT	12/4/2024

**VILLAGE OF PORT CHESTER** PLANNING COMMISSION APPROVAL

Frank G. Relf Architect, P.C. 35 Pinelawn Road, Suite 207W Melville, NY 11747 Tel: (631) 271-4432

120 MIDLAND OWNER LLC c/o The Renatus Group 168B Irving Avenue Suite 403D Port Chester, NY 10573

Tel: (646) 872-5660

Fax: (203) 286-1122 DTS • PROVIDENT

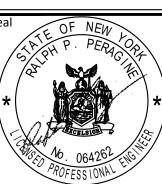
**Intelligent Land Use** DTS Provident Design Engineering, LLP One North Broadway White Plains, NY 10601 P: 914.428.0010

Under New York State Education Law Article 145 (Engineering) Section 7209 (2), It Is A Violation Of This Law For Any Person, Unless Acting Under The Direction Of A Licensed Professiona Engineer, To Alter This Document

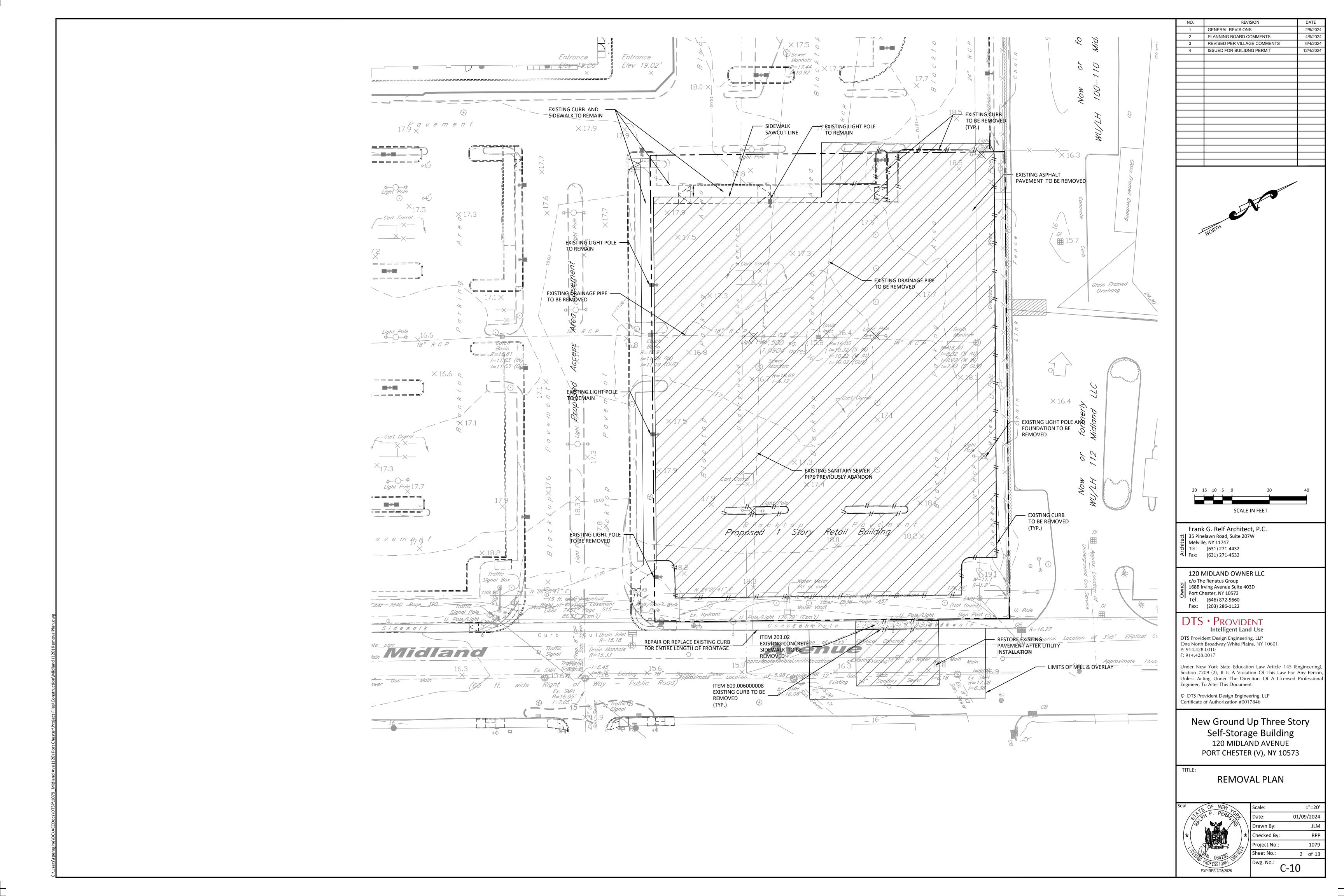
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New Ground Up Three Story Self-Storage Building 120 MIDLAND AVENUE PORT CHESTER (V), NY 10573

**COVER SHEET** 

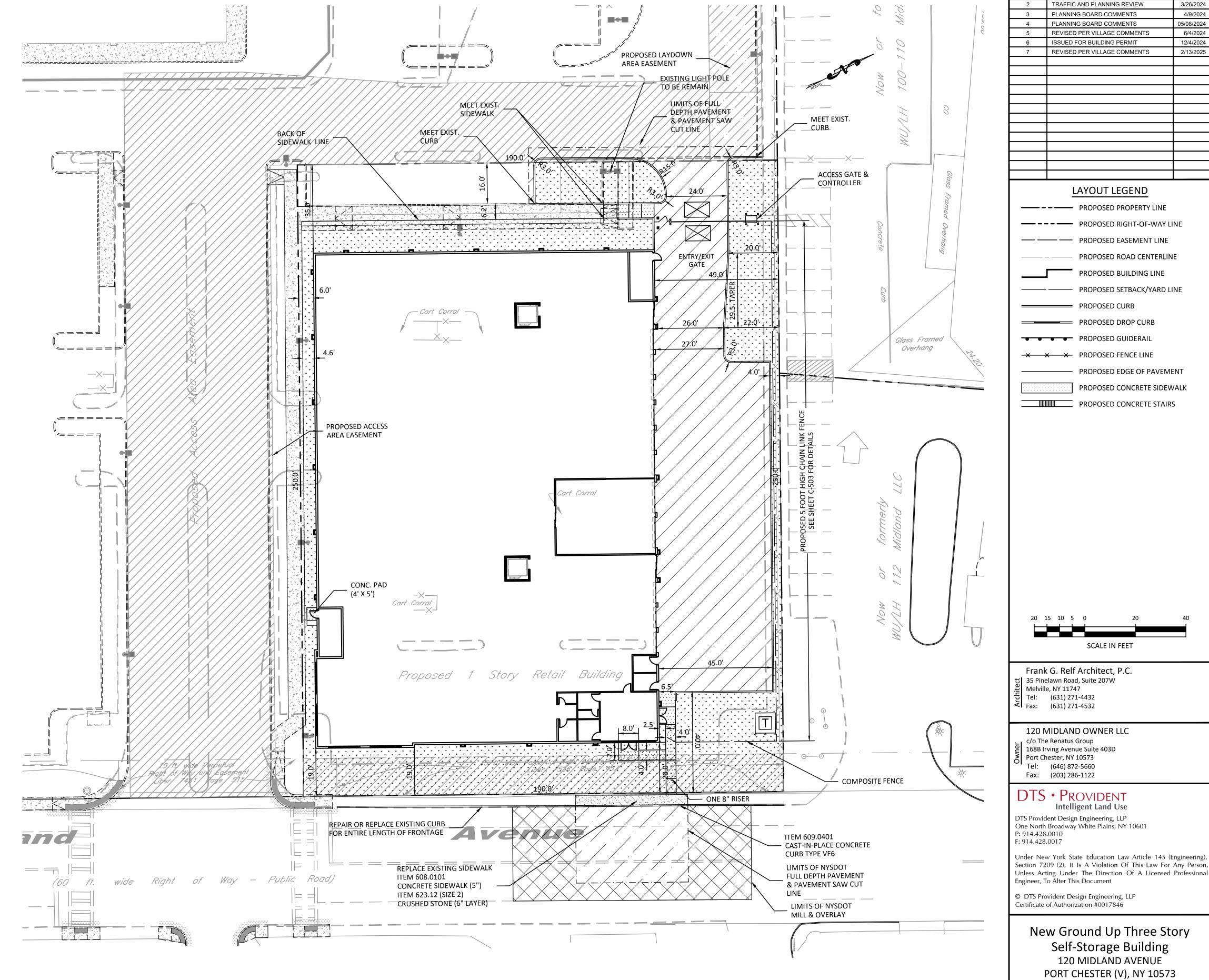


1/9/2024 Checked By: 1 of 13



# **GENERAL NOTES**

- 1. EXISTING TOPOGRAPHIC AND UTILITY INFORMATION IS A COMPILATION OF SURVEY DATA TAKEN FROM SURVEY AS PREPARED BY WARD CARPENTER ENGINEERS INC.
- 2. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF INDUSTRIAL CODE RULE 753 REGULATIONS. EXCAVATORS AND CONTRACTORS MUST CONTACT DIG SAFELY NEW YORK (STAKEOUT REQUESTS: 1-800-962-7962 OR 811) AT LEAST 48 HOURS IN ADVANCE OF ANY MECHANIZED DIGGING OR EXCAVATION WORK TO ENSURE UNDERGROUND
- 3. CONTRACTOR SHALL IDENTIFY ALL EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF WORK. ALL EXISTING UTILITIES WITHIN THE LIMITS OF WORK SHALL BE DISCONNECTED BY THE OWNER PRIOR TO COMMENCEMENT OF ANY
- 4. THE CONTRACTOR SHALL INSTALL TEMPORARY ORANGE MESH CONSTRUCTION FENCE TO PROTECT ALL AREAS OUTSIDE OF THE LIMITS OF DISTURBANCE.
- 5. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS, BOTH ABOVE AND BELOW THE SURFACE, PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN THE INFORMATION SHOWN ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S FIELD REPRESENTATIVE AND/OR ENGINEER PRIOR TO COMMENCING
- 6. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, RULES AND REGULATIONS GOVERNING THE WORK. THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH THE VILLAGE OF PORT CHESTER, APPLICABLE AGENCIES, UTILITY COMPANIES, AND/OR SUB-CONTRACTORS.
- 7. THE CONTRACTOR IS ADVISED THAT OTHER CONTRACTOR AND/OR UTILITY COMPANIES MAY BE WORKING IN THE AREA AT THE SAME TIME. THE CONTRACTOR SHALL COORDINATE WORK SUCH THAT THERE ARE NO CONFLICTS IN OPERATION.
- 8. ALL EXCAVATIONS, HOLES, DEPRESSIONS MUST BE FILLED TO GRADE LEVEL WITH CLEAN, COMPACTED FILL. 9. ABOVE OR BELOW GROUND TANKS, SHOULD ANY EXIST, MUST BE PROPERLY EMPTIED, CLEANED AND REMOVED. AS AN ALTERNATIVE, UNDERGROUND TANKS, IF NOT REMOVED, MUST BE PROPERLY EMPTIED, CLEANED & FILLED WITH AN INERT MATERIAL. (REMOVAL OF UNDERGROUND TANKS WILL REQUIRE TANK PERMIT TO BE OBTAINED BY OWNER FROM VILLAGE OF PORT CHESTER BUILDING DEPT.) CONFIRMATION ON WHETHER SOIL REMEDIATION IS REQUIRED SHALL BE PROVIDED BY OWNER SHOULD UNDERGROUND TANKS BE DISCOVERED AND REMOVED.



———— PROPOSED PROPERTY LINE PROPOSED RIGHT-OF-WAY LINE — — PROPOSED EASEMENT LINE PROPOSED ROAD CENTERLINE PROPOSED BUILDING LINE ——— PROPOSED SETBACK/YARD LINE PROPOSED CURB PROPOSED DROP CURB PROPOSED GUIDERAIL × × PROPOSED FENCE LINE PROPOSED EDGE OF PAVEMENT PROPOSED CONCRETE SIDEWALK PROPOSED CONCRETE STAIRS SCALE IN FEET Frank G. Relf Architect, P.C. 35 Pinelawn Road, Suite 207W Melville, NY 11747 Tel: (631) 271-4432 Fax: (631) 271-4532 120 MIDLAND OWNER LLC c/o The Renatus Group 168B Irving Avenue Suite 403D Port Chester, NY 10573 Tel: (646) 872-5660 Fax: (203) 286-1122 DTS • PROVIDENT

**Intelligent Land Use** 

Self-Storage Building 120 MIDLAND AVENUE PORT CHESTER (V), NY 10573

SITE PLAN

GENERAL REVISIONS

PLANNING BOARD COMMENTS PLANNING BOARD COMMENTS

REVISED PER VILLAGE COMMENTS

REVISED PER VILLAGE COMMENTS

LAYOUT LEGEND

2/6/2024 3/26/2024

12/4/2024

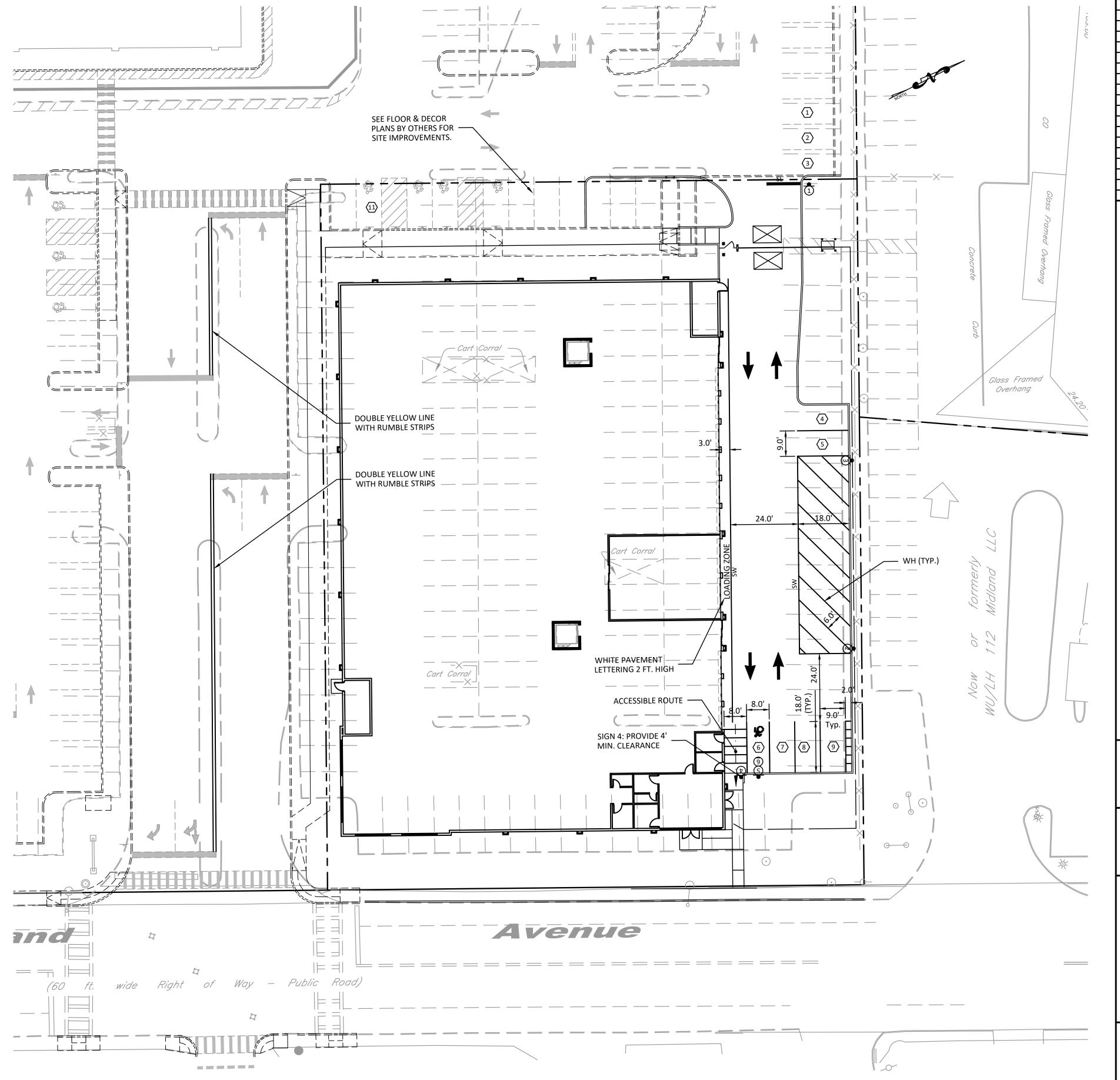
TITLE:

1/9/2024 Drawn By: Checked By: 1079 Project No.: Sheet No.: 3 of 13 Dwg. No.: C-101

SIGN LEGEND				
Plan Legend	MUTCD	Size	Sign Legend	
1	R1-1	30" x 30"	Stop Sign	
2	NYPI-2	12" x 18"	No Parking Anytime <	
3	NYPI-2	12" x 18"	No Parking Anytime>	
4	NYPI-2	12" x 18"	No Parking Anytime	
5	R7-8	12" x 18"	Reserved Parking (symbol)	RESERVED PARKING
6	R7-8aP	12" x 6"	Van Accessible (Plaque)	

# Notes:

- All signs shall conform to the National Manual on Uniform Traffic Control Devices for Streets and Highways and the New York State Supplement, latest revision.
   A minimum of two cross braces shall be provided on all single channel signs having any dimension greater than 24 inches.
- 3. All signs shall have a mounting height of 7'-0" to the bottom of the sign.
- 4. All signs shall utilize a channel-type mounting.
- 5. All signs shall be reflectorized.



2	TRAFFIC AND PLANNING REVIEW	3/26/2024
3	PLANNING BOARD COMMENTS	4/9/2024
4	REVISED PER VILLAGE COMMENTS	6/4/2024
5	ISSUED FOR BUILDING PERMIT	12/4/2024
6	REVISED PER VILLAGE COMMENTS	2/13/2025
7	REVISED PER VILLAGE COMMENTS	03/11/2025
8	REVISED PER VILLAGE COMMENTS	4/2/2025

REVISION

1 GENERAL REVISIONS

2/6/2024

# SIGN AND STRIPING LEGEND

BROKEN WHITE LINE
SOLID WHITE LINE

SL STOP LIMIT LINE
SY SOLID YELLOW LINE

DY DOUBLE YELLOW LINE

(2) - 4" YELLOW LINES

CW SOLID WHITE CROSSWALK LINE

H SOLID YELLOW HATCH LINE (4" WIDE, 6'-0" O.C. @ 45°)

SOLID WHITE HATCH LINE (12" WIDE, 11'-0" O.C. @ 45°)

PROPOSED TRAFFIC SIGN LOCATION AND DESIGNATION

NUMBER OF PARKING STALLS
PER BAY LINE

NUMBER OF PARKING SPACES
NUMBER OF HANDICAP SPACES

PAINTED DIRECTIONAL ARROW

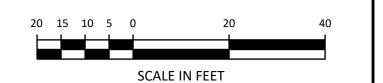
ACCESSIBLE PARKING NOTES:

THE MINIMUM NUMBER OF SPACES REQUIRED FOR A PARKING LOT OR FACILITY WITH 1 TO 25 SPACES IS ONE PER BCNY TABLE 1106.1. ONE SPACE HAS BEEN PROVIDED.

BCNY SECTION 1106.5 VAN SPACES: FOR EVERY SIX OR FRACTION OF SIX ACCESSIBLE PARKING SPACES, AT LEAST ONE SHALL BE A VAN-ACCESSIBLE PARKING SPACE. THE SPACE PROVIDED IS VAN ACCESSIBLE AND HAS BEEN SIGNED ACCORDINGLY.

THE USE OF A NO PARKING SIGN FOR THE ACCESSIBLE

THE USE OF A NO PARKING SIGN FOR THE ACCESSIBLE AISLE IS PRECLUDED SINCE IT WOULD INTERFERE WITH THE ACCESSIBLE ROUTE.



Frank G. Relf Architect, P.C.

35 Pinelawn Road, Suite 207W
Melville, NY 11747
Tel: (631) 271-4432
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# 120 MIDLAND OWNER LLC

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- Port Chester, NY 10573
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F: 914.428.0017

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Intelligent Land Use

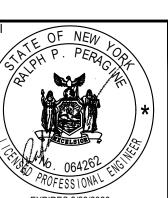
DTS Provident Design Engineering, LLP
One North Broadway White Plains, NY 10601
P: 914.428.0010

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New Ground Up Three Story
Self-Storage Building
120 MIDLAND AVENUE
PORT CHESTER (V), NY 10573

STRIPING & SIGN PLAN



ale:	1"=20'	
ate:	1/9/2024	
rawn By:	JLM/RPP	
necked By:	RPP	
oject No.:	1079	
eet No.:	4 of 12	
vg. No.: C-201		

# UTILITY NOTES

#### GENERAL

- A. THE SITE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY INFORMATION AND REPORT ANY DISCREPANCIES TO THE CIVIL/SITE ENGINEER FOR RESOLUTION.
- B. THE SITE CONTRACTOR SHALL REFER TO THE BUILDING MECHANICAL AND PLUMBING PLANS FOR THE EXACT LOCATIONS AND INVERTS OF ALL BUILDING SERVICE CONNECTIONS.
- C. THE SITE CONTRACTOR IS ADVISED THAT THE BUILDING CONTRACTOR SHALL BRING ALL UTILITY SERVICES TO A POINT FIVE (5) FEET OUTSIDE THE EXTERIOR FACE OF THE BUILDING WALL. EXTENSION OF ALL UTILITIES BEYOND THIS POINT IS THE RESPONSIBILITY OF THE SITE CONTRACTOR.
- D. THE SITE CONTRACTOR IS ADVISED THAT OTHER CONTRACTOR AND/OR UTILITY COMPANIES SHALL BE WORKING IN THE AREA AT THE SAME TIME. THE CONTRACTOR SHALL COORDINATE HIS WORK SUCH THAT THERE WILL BE NO CONFLICT IN
- E. PERMANENT FOUNDATION/ FOOTING DRAINS SHALL NOT BE CONNECTED TO THE VILLAGE OF PORT CHESTER SEWER SYSTEM.

# 2. STORM DRAINAGE

- A.PIPE SHALL BE SPECIAL THICKNESS CLASS 52 (CL 52) DUCTILE IRON SEWER PIPE (DIP) CONFORMING WITH THE LATEST VERSIONS OF ASTM A746-09, "STANDARD SPECIFICATION FOR DUCTILE IRON GRAVITY SEWER PIPE," AND AWWA C111 AND C151 (ANSI A21.51) STANDARDS. PIPE SHALL BE NEW AND HAVE THE ASTM OR AWWA DESIGNATION, PRESSURE CLASS AND SIZE OF PIPE STAMPED ON THE OUTSIDE OF EACH JOINT. DUCTILE IRON PIPE JOINTS SHALL BE GASKETED "PUSH-ON" TYPE, INSTALLED IN ACCORDANCE WITH THE PIPE MANUFACTURER'S INSTRUCTIONS.
- B. PIPE BEDDING AND INITIAL BACKFILL MATERIAL SHALL BE COMPACTED SCREENED GRAVEL WELL GRADED IN SIZE FROM 3/8 INCH TO 3/4 INCH OR SUCH OTHER SIZED AS MAY BE APPROVED. THE GRAVEL SHALL CONSIST OF CLEAN, HARD, AND DURABLE PARTICLES OR FRAGMENTS, FREE FROM DIRT, VEGETATION, OR OTHER OBJECTIONABLE MATTER AND FREE FROM AN EXCESS OF SOFT, THIN ELONGATED, LAMINATED OR DISINTEGRATED PIECES.
- C. PRECAST CONCRETE STRUCTURES • PRECAST REINFORCED CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF "PRECAST
- REINFORCED CONCRETE MANHOLE SECTIONS", ASTM C478 AND AASHTO M199, LATEST REVISIONS. PRECAST CONCRETE CATCH BASIN AND DRAIN INLETS SHALL CONFORM TO THE REQUIREMENTS OF "PRECAST CONCRETE
- JOINTS BETWEEN RISER SECTIONS SHALL BE SEALED USING PREFORMED JOINT SEALANT MADE OF BUTYL RUBBER MATERIAL IN FLEXIBLE ROPE FORM THAT MEETS AND/OR EXCEEDS ALL REQUIREMENTS OF AASHTO M-198 AND ASTM C 990, SECTION 6.2.1.

#### 3. WATER MAINS A. WATER SERVICE MAINS SHALL BE INSTALLED BY VEOLIA WATER.

WATER AND WASTEWATER STRUCTURES" ASTM C913, LATEST REVISION.

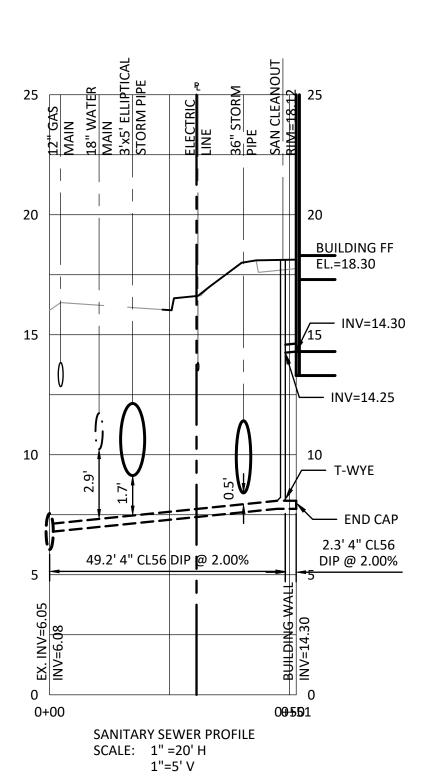
B. CROSS CONNECTION CONTROL (BACKFLOW PREVENTORS) SHALL BE INSTALLED INTERNAL TO THE BUILDING. PLANS AND SPECIFICATIONS FOR BACKFLOW PREVENTION DEVICES SHALL BE SUBMITTED UNDER SEPARATE COVER BY THE BUILDING MECHANICAL ENGINEER TO VEOLIA WATER AND THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH FOR REVIEW AND APPROVAL.

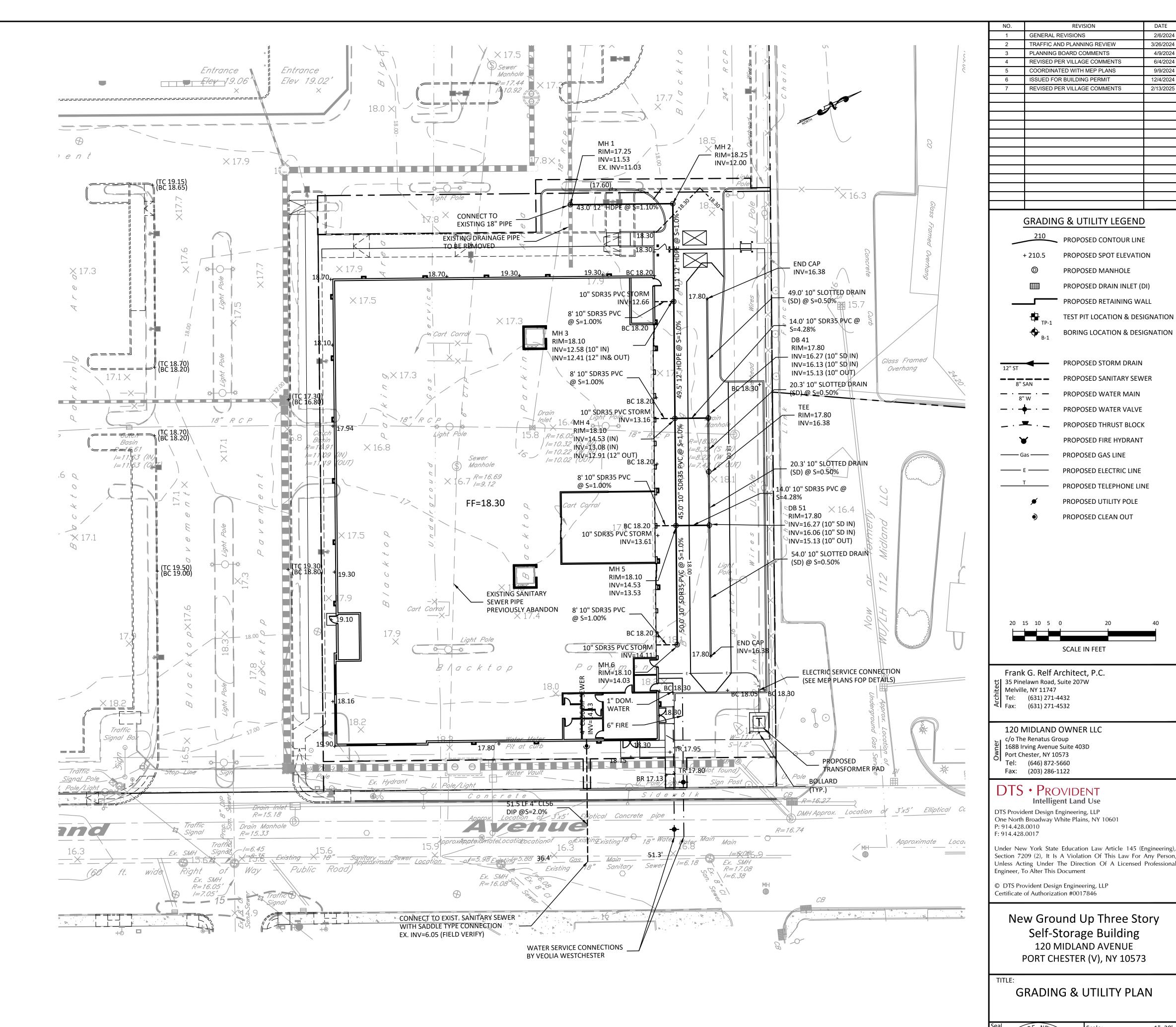
# 4. PRIVATE UTILITIES

- A. GAS AND ELECTRIC SYSTEM INSTALLATIONS SHALL CONFORM TO THE REQUIREMENTS OF CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. THE DESIGN AND INSTALLATION OF THESE SYSTEMS IS NOT PART OF THIS CONTRACT, AND ANY LINES SHOWN ARE FOR LOCATION AND COORDINATION PURPOSES ONLY.
- B. TELEPHONE SYSTEM DESIGN AND INSTALLATION IS NOT PART OF THIS CONTRACT, AND THESE LINES ARE SHOWN FOR LOCATION AND COORDINATION PURPOSES ONLY.
- C. THE CONTRACTOR SHALL NOT INSTALL ANY PORTION OF THE PAVEMENT SECTION OR CURBING UNTIL ALL PRIVATE
- UTILITY LINES AND/OR CONDUITS HAVE BEEN INSTALLED. D. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH EXCAVATION AND BACKFILL FOR ALL GAS, ELECTRIC
- AND TELEPHONE LINES/CONDUITS. EXCAVATION AND BACKFILL MATERIAL SHALL CONFORM WITH THE REQUIREMENTS OF THE INDIVIDUAL UTILITY COMPANY AND THE NYSDOT.
- E. THE CONTRACTOR SHALL REFER TO PLANS PREPARED BY THE UTILITY COMPANY OR THE BUILDING ELECTRICAL/MECHANICAL ENGINEER FOR THE EXACT LOCATION, SIZE AND TYPE OF THE PROPOSED GAS, ELECTRIC OR TELEPHONE SYSTEMS. ANY LOCATIONS SHOWN ON THESE DRAWINGS ARE PRELIMINARY AND SHOULD NOT BE USED FOR CONSTRUCTION.

EARTHWORK SUMMARY CHART		
PROJECTED VOLUME OF UNCLASSIFIED	129,060	C.F.
EXCAVATION AND DISPOSAL	4,780	CY.
THE CONTRACTOR SHALL BE REQUIRED TO DISPOSE OF ALL		
EXCAVATED MATERIAL IN A LEGAL MANNER.		

Sanitary Sewage Flow Rate Table		
Description	Proposed	
Estimated No. of Employees =	10	
Flow Rate per Employee (gpd) =	12	
Average Daily Flow Rate (gpd) =	120	
Design Contributing Population =	= 10	
Peaking Factor, PF =	4.41	
Peak Flow Rate (gpd) =	529	
Peaking Factor, PF = 18 + P^	1/2	
4 + P^2	1/2	
Where P = design contributing popula	ation in thousands	





REVISION

PROPOSED CONTOUR LINE

PROPOSED MANHOLE

PROPOSED SPOT ELEVATION

PROPOSED DRAIN INLET (DI)

PROPOSED RETAINING WALL

PROPOSED STORM DRAIN

PROPOSED SANITARY SEWER

PROPOSED WATER MAIN

PROPOSED WATER VALVE

PROPOSED THRUST BLOCK

PROPOSED FIRE HYDRANT

PROPOSED ELECTRIC LINE

PROPOSED UTILITY POLE

PROPOSED CLEAN OUT

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Drawn By: Checked By:

Project No.

Sheet No.:

Dwg. No.:

PROPOSED TELEPHONE LINE

PROPOSED GAS LINE

TEST PIT LOCATION & DESIGNATION

BORING LOCATION & DESIGNATION

3/26/2024

12/4/2024

NEW YORK STATE SOIL EROSION AND SEDIMENT CONTROL (E&SC) SMALL SITE MINIMUM REQUIREMENTS:

# 1. STABILIZED CONSTRUCTION ACCESS:

TO PREVENT VEHICLES AND EQUIPMENT FROM TRACKING SEDIMENT AND MUD OFF-SITE, INSTALL A GRAVEL OR CRUSHED ROCK ACCESS AS SHOWN ON THE E&SC PLAN, AND RESTRICT TRAFFIC TO THIS ONE ROUTE. THIS PRACTICE WILL HELP KEEP SOIL FROM STICKING TO TIRES AND STOP SOIL FROM WASHING OFF INTO THE STREET. CARRY OUT PERIODIC INSPECTIONS AND MAINTENANCE INCLUDING WASHING, TOP-DRESSING WITH ADDITIONAL STONE, REWORKING, AND COMPACTION. PLAN FOR PERIODIC STREET CLEANING TO REMOVE ANY SEDIMENT THAT MAY HAVE BEEN TRACKED OFF-SITE. REMOVE SEDIMENT BY SHOVELING OR SWEEPING AND TRANSPORT TO A SUITABLE DISPOSAL AREA WHERE IT CAN BE STABILIZED.

## 2. STABILIZATION OF DENUDED AREAS:

IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES (SEE VEGETATION REQUIREMENTS THIS SHEET) MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN FOURTEEN (14) DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. FOR CONSTRUCTION SITES THAT DIRECTLY DISCHARGE TO ONE OF THE 303(D) SEGMENTS LISTED IN THE CONSTRUCTION GENERAL PERMIT OR IS LOCATED IN ONE OF THE WATERSHEDS LISTED IN APPENDIX C, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN SEVEN (7) DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED.

STABILIZE DISTURBED AREAS BY IMPLEMENTING SOIL COVERING PRACTICES (E.G. MULCHING, MATTING, SODDING). EXPOSED SOILS ARE THE MOST PRONE TO EROSION FROM RAINFALL AND RUNOFF. VEGETATION HELPS PROTECT THE SOIL FROM THESE FORCES AND PROVIDES NATURAL EROSION CONTROL. PLAN CONSTRUCTION TO LIMIT THE AMOUNT OF EXPOSED AREA, AND AVOID GRADING ACTIVITIES DURING THE RAINY SEASON (NOVEMBER THROUGH MARCH) AS MUCH AS POSSIBLE. CLEARING LIMITS SHOULD BE CLEARLY MARKED AND KEPT AS SMALL AS POSSIBLE. ONCE CONSTRUCTION IS COMPLETED, REMAINING UNPAVED/PERVIOUS AREAS THE SITE MUST BE PERMANENTLY STABILIZED WITH TOPSOILING, SEEDING AND PLANTINGS, OR SODDING IF NEEDED.

#### 3. PROTECTION OF ADJACENT PROPERTIES:

KEEP SEDIMENT ON-SITE BY INSTALLING THE STRUCTURAL AND SOURCE CONTROL PRACTICES (E.G. VEGETATIVE BUFFER STRIPS, SEDIMENT BARRIERS, SOIL BERMS OR DIKES, ETC.) AS SHOWN ON THE E&SC PLAN PRIOR TO THE START OF CONSTRUCTION. WHEREVER POSSIBLE, PRESERVE A BUFFER OF EXISTING VEGETATION AROUND THE SITE BOUNDARY. THIS WILL HELP TO DECREASE RUNOFF VELOCITIES AND TRAP SEDIMENT SUSPENDED IN THE RUNOFF. OTHER STRUCTURAL CONTROLS SUCH AS FILTER FENCE OR OTHER APPROVED SEDIMENT BARRIERS SHOULD ALSO BE USED TO FILTER RUNOFF AND TRAP SEDIMENT ON-SITE. IF SUCH CONDITIONS ARISE, NO DISCHARGE OF EXCAVATION DEWATERING SHALL BE UNDERTAKEN WITHOUT PRIOR APPROVAL FROM THE VILLIAGE ENGINEER/ENGINEERING DEPT/PUBLIC WORKS DEPT.

WHEN EXCAVATING BUILDING FOUNDATION SOILS, MOVE THE SOIL TO PILES SITUATED SO THAT SEDIMENT DOES NOT RUN INTO THE STREET OR ADJOINING YARDS. SOIL PILES SHOULD BE TEMPORARILY COVERED AND CIRCLED WITH SILT FENCE/SEDIMENT BARRIER UNTIL THE SOIL IS EITHER REPLACED OR REMOVED. BACKFILL FOUNDATION WALLS AS SOON AS POSSIBLE, ROUGH GRADE THE LOT, AND PREPARE THE LOT FOR TEMPORARY COVER AS REQUIRED. AFTER BACKFILLING, REMOVE EXCESS SOIL FROM THE SITE QUICKLY, TO ELIMINATE ANY SEDIMENT LOSS POTENTIAL.

FOR CONSTRUCTED DRAINAGE WAYS, OR OTHER AREAS OF CONCENTRATED FLOW, INSTALL CHECK DAMS ACCORDING TO THE SPECIFICATIONS ON PAGE E.12 OF THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (BLUE BOOK) TO REDUCE EROSION IN THE CHANNEL/FLOW PATH. AS WITH OTHER EROSION CONTROLS, CHECK DAMS MUST BE INSPECTED REGULARLY. REMOVE SEDIMENT ACCUMULATED BEHIND THE DAM AS NEEDED TO ALLOW CHANNEL TO DRAIN THROUGH THE STONE CHECK DAM AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVER THE DAM. REPLACE STONES AS NEEDED TO MAINTAIN THE DESIGN CROSS SECTION OF THE STRUCTURES. SEDIMENT REMOVAL IS CRUCIAL TO THE EFFECTIVENESS OF THE DAM—IF NOT MAINTAINED, HIGH FLOWS COULD CAUSE EROSION AROUND THE SIDES OF THE STRUCTURES, ADDING SIGNIFICANT SEDIMENT LOADS DOWNSTREAM.

### 5. MAINTENANCE:

MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES THROUGH REGULAR INSPECTION. REGULAR MAINTENANCE IS EXTREMELY IMPORTANT FOR THE PROPER OPERATION OF STRUCTURAL PRACTICES. AFTER INITIAL GROUNDBREAKING, THE RESPONSIBLE CONTRACTOR SHALL CONDUCT DAILY MAINTENANCE INSPECTIONS WITHIN THE ACTIVE WORK AREA TO ENSURE PRACTICES ARE BEING MAINTAINED IN EFFECTIVE OPERATING CONDITIONS AT ALL TIMES.

#### 6. OTHER PRACTICES:

USE ADDITIONAL PRACTICES AS REQUIRED BY THE LOCAL PLAN APPROVAL AUTHORITY TO MITIGATE EFFECTS OF INCREASED RUNOFF. THIS MAY INCLUDE PROVIDING ADDITIONAL CONTROLS TO A LOCALLY PROTECTED STREAM OR RESOURCE AREA, PROTECTING RIPARIAN CORRIDORS (VEGETATIVE STREAM BUFFERS), ETC. INDIVIDUAL LANDOWNERS AND/OR DEVELOPERS ARE RESPONSIBLE FOR RESEARCHING ADDITIONAL REQUIREMENTS RELATED TO EROSION AND SEDIMENT RUNOFF CONTROL ESTABLISHED BY THEIR LOCAL JURISDICTIONS.

# **CONSTRUCTION SEQUENCE NOTES**

PRE-CONSTRUCTION SET-UP

ERECT PROTECTIVE FENCING AND/OR BARRIERS AROUND SITE PERIMETER.

# DEMOLITION, POST-DEMOLITION STAGING AREA SET-UP

INSTALL PERIMETER SEDIMENT BARRIERS, INSTALL STABILIZED CONSTRUCTION ACCESS ROAD AND MAINTAIN PROTECTIVE FENCING AND/OR BARRIERS. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.

# ROUGH GRADING (FOUNDATION EXCAVATION), RETAINING WALL, AND FOUNDATION INSTALLATION

INSTALL TEMPORARY SEDIMENT TANK; IMPLEMENT DEWATERING OPERATIONS AS REQUIRED. MAINTAIN PERIMETER SEDIMENT CONTROLS, PROTECTIVE FENCING AND/OR BARRIERS. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.

# BUILDING PAD ESTABLISHMENT, UTILITY INSTALLATION; STORM SEWER, SANITARY, WATER, ETC.

MAINTAIN TEMPORARY SEDIMENT TANK; IMPLEMENT DEWATERING OPERATIONS AS REQUIRED. MAINTAIN PERIMETER SEDIMENT CONTROLS, PROTECTIVE FENCING AND/OR BARRIERS. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.

# FINE GRADING

REMOVE TEMPORARY SEDIMENT TANK. MAINTAIN PERIMETER SEDIMENT CONTROLS, PROTECTIVE FENCING AND/OR BARRIERS. ESTABLISH PAVEMENT AND SIDEWALK SUBBASE COURSES IN AREAS OF NO FURTHER DISTURBANCE. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.

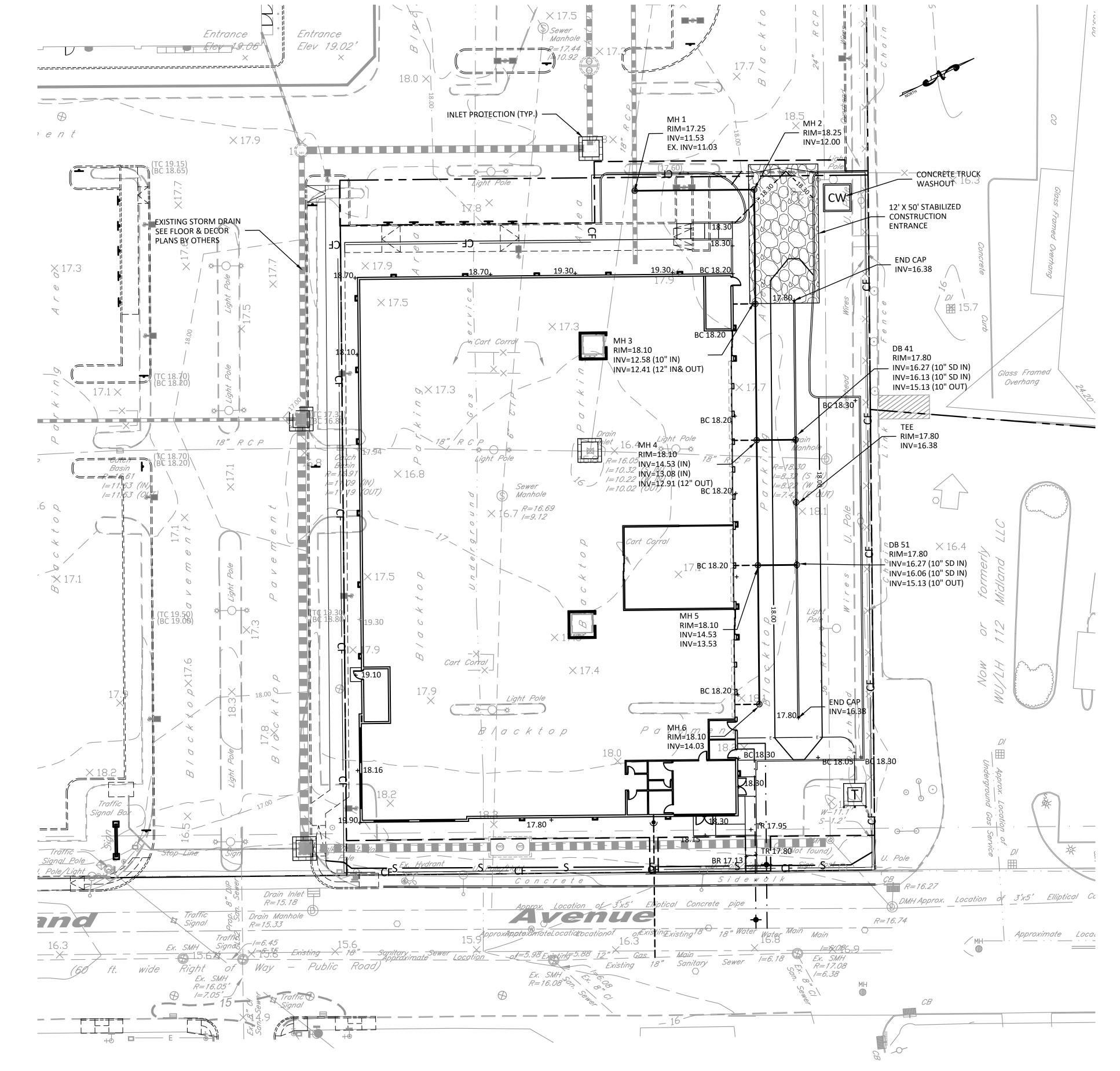
# MISCELLANEOUS FINISHED SITE WORK INSTALLATION (LIGHTING, SITE FURNISHINGS)

INSTALL FINAL PAVING (BINDER AND TOP COURSES); CONCRETE CURB AND SIDEWALK, AND; FINAL PLANTINGS AND OTHER STREETSCAPE FURNISHINGS. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.

# CLEAN-UP

REMOVE SEDIMENT BARRIERS, PROTECTIVE FENCING AND/OR BARRIERS AFTER ESTABLISHMENT OF PERMANENT COVER.

SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED BEFORE THE START OF EARTHWORK WHEREVER POSSIBLE, OR AS SOON AS THE SEQUENCE OF CONSTRUCTION PERMITS.



TRAFFIC AND PLANNING REVIEW 3/26/2024 REVISED PER VILLAGE COMMENTS ISSUED FOR BUILDING PERMIT REVISED PER VILLAGE COMMENTS

REVISION

GENERAL REVISIONS

# **EROSION CONTROL LEGEND**

STABILIZED CONSTRUCTION ENTRANCE **INLET PROTECTION** 

— S — SILT FENCE/SEDIMENT BARRIER

— CF — CONSTRUCTION FENCE

SCALE IN FEET

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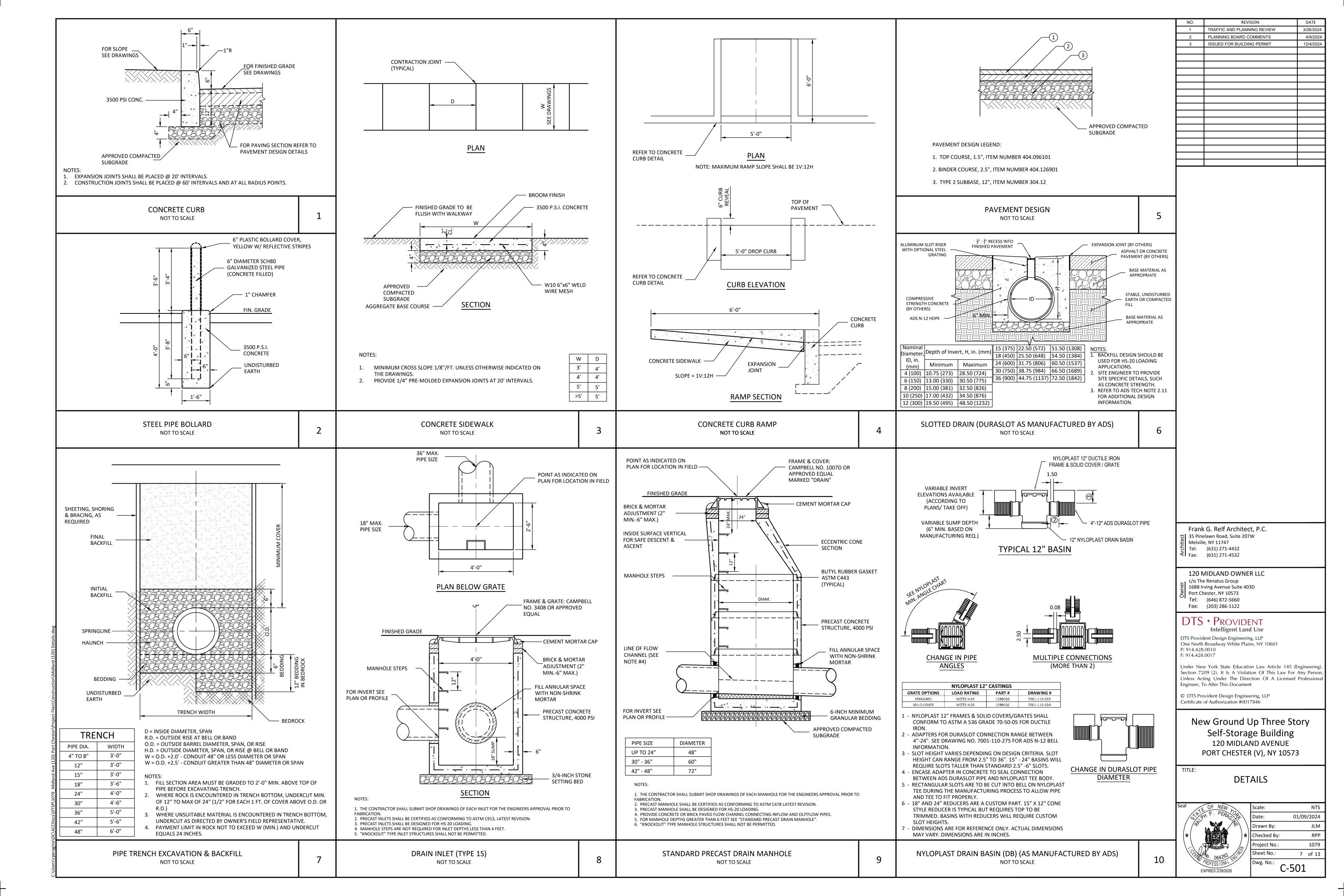
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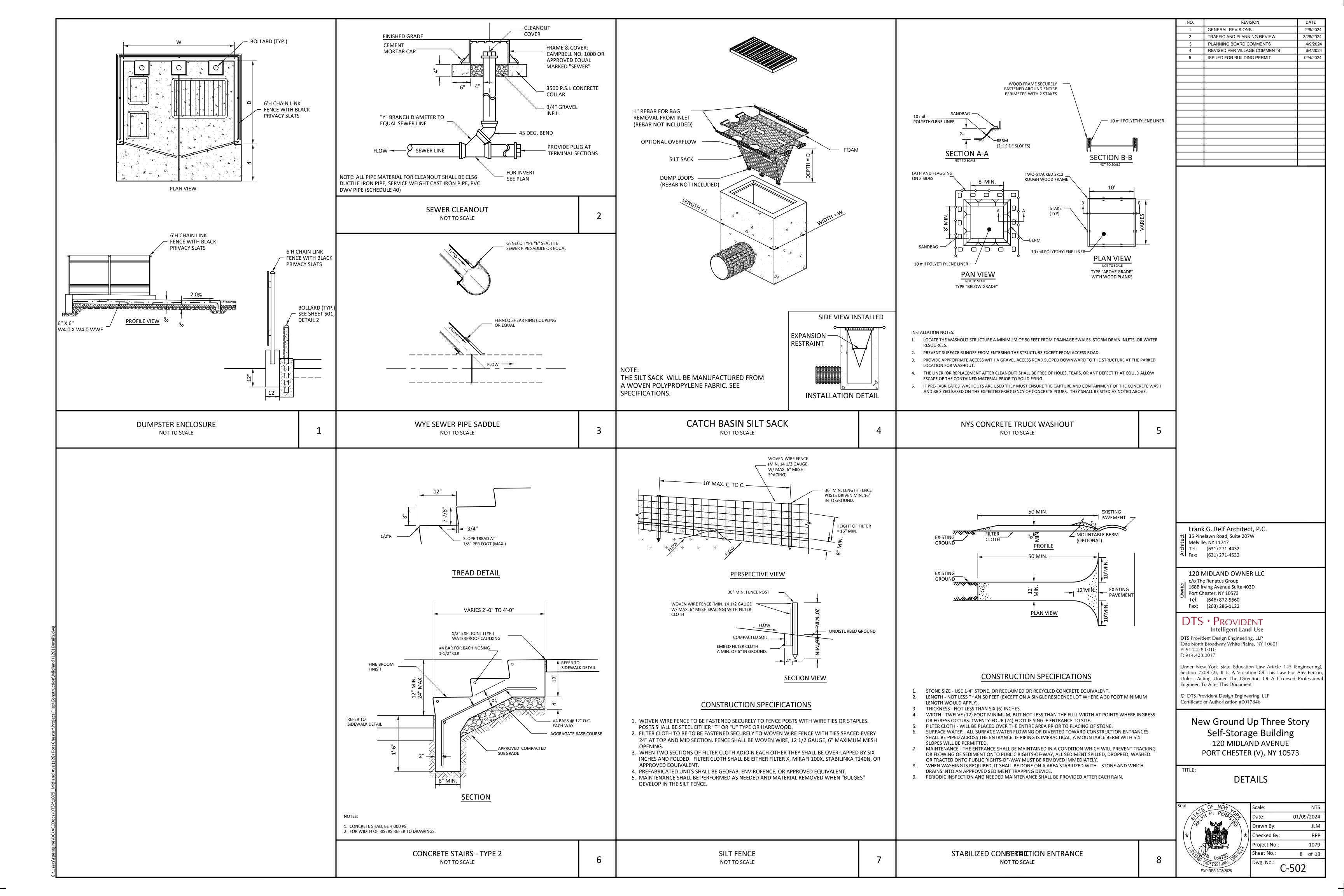
New Ground Up Three Story Self-Storage Building 120 MIDLAND AVENUE PORT CHESTER (V), NY 10573

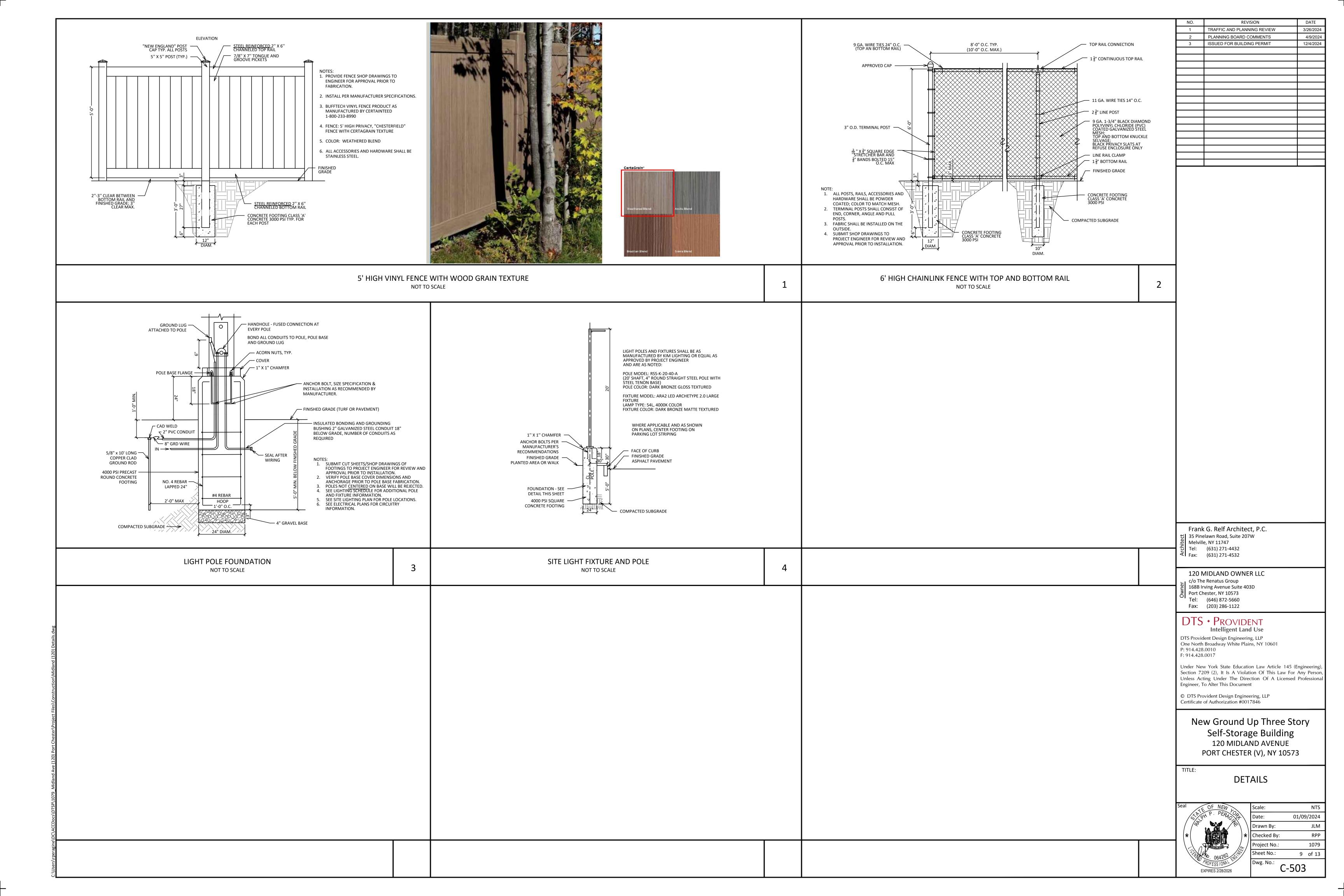
**EROSION & SEDIMENT** CONTROL PLAN

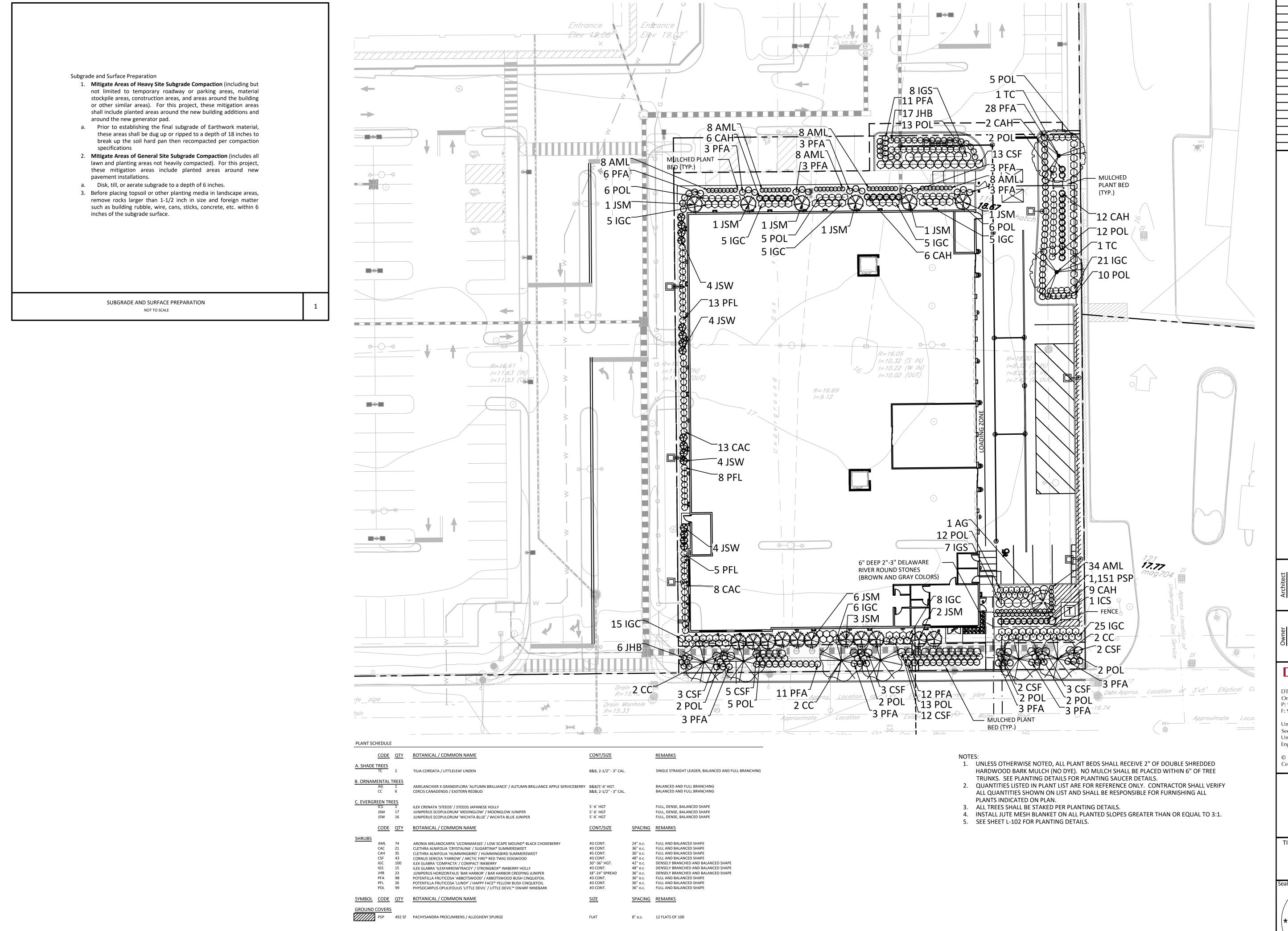


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REVISION

TRAFFIC AND PLANNING REVIEW PLANNING BOARD COMMENTS REVISED PER VILLAGE COMMENTS COORDINATED WITH MEP PLANS

ISSUED FOR BUILDING PERMIT REVISED PER VILLAGE COMMENTS

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LANDSCAPE PLAN



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