Excavation Work Plan – 15 Day Notification
NYSDEC Site #C905031

Location:

Olean Redevelopment Parcel 1
Buffalo Street
Olean, New York

Prepared for:

New York State Electric and Gas
3 City Center
180 South Clinton Avenue
Rochester, New York 14604

LaBella Project No. 2253645

July 10, 2025
Last Revised August 4, 2025

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1.0 INTRODUCTION

On behalf of New York Electric and Gas (NYSEG), LaBella Associates, D.P.C. (LaBella) is submitting this Excavation Work Plan (EWP) and associated supporting documentation to provide a 15-day notification of the excavation activities that will be taking place at a portion of the Olean Redevelopment Parcel 1 located at 1404-1406 Buffalo Street parcel (Tax Map # 94.047-2-29), City of Olean, Cattaraugus County, New York (see Figure 1). This portion of the BCP site that will be developed by NYSEG as a natural gas gate station and is referred to as the "site."

This EWP has been prepared in accordance with the requirements set forth under New York State Department of Environmental Conservation (NYSDEC) Department of Environmental Remediation 10 (DER-10) Technical Guidance for Site Investigation and Remediation (May 3, 2010) and the guidelines provided by NYSDEC. The site is identified as the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site #C905031.

1.1 Site Description

The site boundary is comprised of approximately 0.77± acres of undeveloped land. Attached Figure 2 illustrates the location and surrounding area of the site. Current features of the site include grass and brush with no structures.

The site is bounded by the BCP parcel to the north and east, Buffalo Street to the south, and Verizon to the west.

1.2 Summary of Work and Anticipated Schedule

The construction of the new natural gas gate station is planned to commence in July 2025. Because the site is in the NYSDEC BCP, environmental monitoring is required during subsurface work. Environmental monitoring will be completed in accordance with the EWP which is part of the NYSDEC-approved Site Management Plan (SMP), dated November 2016. In addition to other requirements, the EWP requires air monitoring to be conducted during subsurface work and any material exported from or imported to the site is required to be sampled, if applicable. The construction work is anticipated to begin in July 2025 and the duration of work is estimated at 5 months.

All proposed excavations are anticipated to be less than approximately 5 feet (ft) below the ground surface (bgs). It is anticipated the cover system will be removed prior to construction and segregated for reuse as cover material. Excavations for the new gate station project include underground piping, boxout for new driveways, and foundations for new structures. Locations of the proposed excavation areas are included in Appendix 1.

2.0 EXISTING SUBSURFACE CONDITIONS

The following investigation locations listed in the SMP were completed at or in close proximity to the site as shown on Figure 3. Below summarizes the environmental conditions at each location.

Location ID	Fill Material Noted	Approximate Sample Interval (feet below ground surface) and PID Reading				
		0-2	2-4	4-6	6-8	8-10
SB6C	Yes -Fill material containing ash and cinders, brick pieces, etc. from about 0'-2.5'	1.7	2.0	--	--	--
SB76	No	29.2	7.4	7.8	5.9	137
SB78	Yes - Fill material containing trace, brick pieces from about 0'-2'	17.9	11.3	11.0	135	172
TPSB14	None	0				
TP-9	Yes - Fill material containing black ash, metal pieces, and cinders from about 0'-1.5'	28.7	7.5	--	--	--
TP-13	Yes - Fill material containing black ash, metal pieces, cinders, coal ash and concrete slab from about 0'-4'. Fill material could be deeper than 4'.	0	0	--	--	--
TP-14	No	0	0	--	--	--
TPSB16	Yes - Fill material containing ask and cinders, brick pieces, et from about 0'-2.5'	--	481	151	301	304

Notes:

1. *All PID readings are expressed in parts per million.*
2. *PID screening is performed as a method of determining general presence of VOCs in soil, and to provide a basis for selecting samples for laboratory analysis. The readings obtained provide only an indication of the relative levels of VOC presence in the soil and is not considered to be a direct quantization of actual soil VOC concentration.*
3. *"--" denotes investigation location not completed to above-listed depth or insufficient recovery occurred at specified depth.*
4. *Some investigation locations may extend greater than 10' in depth. Due to the anticipated maximum excavation depth of 5' information was not included in the above table at depths below 10'.*

3.0 MATERIALS HANDLING PLAN

Material removed from the excavation beneath the cover system will be reused onsite with the excavation, reused on-site at another location approved by the NYSDEC, or disposed at a NYSDEC Part 360 permitted landfill as non-hazardous waste. The goal will be to reuse all the excavated material within the site underneath a minimum 12-inches of restored site cover. Prior to construction, it is anticipated the cover system will be stripped and removed to be reused as cover material at the end of the project. It is anticipated that approximately 400 cubic yards of material beneath the cover system will be disturbed as part of the project and excavations will be less than 5 ft below surface grade.

3.1 Soil Screening Procedures to Determine Material Reuse and Sampling Requirements

LaBella will provide a Qualified Environmental Professional (QEP), or an environmental monitor working under a QEP to monitor the excavations and/or excavated material for evidence of impairment (i.e., staining, discernable odors).

The approved Site Management Plan (SMP) allows for soil exhibiting the following conditions to be reused on-site: "any soil that does not exhibit visual, olfactory, or other signs of contamination may be reused on-site below the site cover provided that analytical results demonstrate that the soil meets the [site-specific action levels] "SSALs";

Due to the nature and anticipated depth of the excavations, material will be screened for reuse with a photoionization detector (PID) equipped with a 10.6 eV lamp (or equivalent) including visual and olfactory observations to determine whether the material will require sampling and analysis prior to reuse or off-site disposal.

Excavated soil/fill originating from the site may be reused under the following conditions.

- Any soil that does not exhibit visual, olfactory, PID readings <5 ppm, or other signs of contamination may be reused on-site below the site cover provided that analytical results demonstrate that the soil meets the 6 NYCRR Part 375-6.8(b) Restricted Use Soil Cleanup Objectives (SCOs) for a Commercial Site ("Commercial Use SCOs").

Excavated soil proposed for reuse beneath the existing cover system at the site will be sampled in accordance with DER-10 Table 5.4(3)10. It is assumed the NYSDEC will require samples to be tested for 6 NYCRR Part 375 list volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), Metals, Polychlorinated Biphenyls (PCBs), and Pesticides/Herbicides. If laboratory analysis determines this material is acceptable for reuse, 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 for approval prior to reuse.

The environmental monitor will ensure that procedures defined for materials reuse in this SMP are followed and that unacceptable material does not remain onsite. Contaminated on-site material, including historic fill and contaminated soil, that is acceptable for reuse will be placed below the demarcation layer or impervious surface, and will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.

Concrete crushing or processing on-site will not be performed without prior NYSDEC approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the site will not be reused on-site, unless approved by NYSDEC.

3.2 Soil Staging Procedures

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales or similar methods will be used as needed near catch basins, surface waters and other discharge points. Stockpiles, when not in use or at the end of each workday, will be kept covered at all times with appropriately anchored tarps.

All soil excavated beneath the existing soil cover will be staged on and covered with 6-mil poly sheeting pending reuse or disposal.

Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced. Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by the NYSDEC.

4.0 MATERIAL EXCAVATION, LOAD OUT, AND TRANSPORT OFF-SITE

If material is to be removed from the site, the following procedures will be implemented.

4.1 Material Excavation and Load-Out

Loaded vehicles leaving the site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and NYSDOT requirements (and all other applicable transportation requirements).

If site conditions indicate a potential to track on-site material off-site, a truck wash will be operated on-site, as appropriate. The QEP or an environmental monitor working under a QEP will be responsible for ensuring that all outbound trucks will be washed at the truck wash before leaving the site until the activities performed under this section are complete. Truck wash waters will be collected and disposed of off-site in an appropriate manner.

4.2 Material Transportation and Disposal

All material excavated removed from the site will be treated as contaminated and regulated material will be transported and disposed in accordance with all local, State (including 6 NYCRR Part 360) 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 will be made to the NYSDEC. Unregulated off-site management of materials from the site will not occur without formal NYSDEC approval.

All transport of 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.

Material transported by trucks exiting the site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

Material disposed off-site will be characterized for parameters based on the requirement of the accepting waste disposal facility. It is anticipated that if material is required to be disposed of off-site, the location will be the nearest 6 NYCRR Part 360 permitted landfill that will accept the material.

Asphalt pavement removed from the project site will be recycled at Al Blades & Sons, Inc. located at 9825 NY-446, Cuba, New York 14727.

5.0 COMMUNITY AIR MONITORING PLAN

During excavation and backfilling activities, LaBella will implement the NYSDOH Generic Community Air Monitoring Plan (CAMP) in accordance with the NYSDEC approved EWP. The CAMP includes two (2) air monitoring locations, one (1) upwind and one (1) downwind from the excavation activities to be set up preceding any intrusive or handling of excavated material.

The NYSDEC and NYSDOH will be notified within 24-hours of any exceedance of a Community Air Monitoring Plan (CAMP) action level and of the corrective actions taken to address the exceedance.

The following action levels will be employed for VOC and particulate monitoring:

- If ambient air concentrations of total organic vapors at the downwind perimeter of work exceed 5 ppm above background for a 15-minute time average, work activities must be halted and monitoring continued, if readings decrease, work can continue. If readings are sustained, corrective actions must be taken. If organic vapor levels exceed 25 ppm at the perimeter, activities must be shut down.
- If downwind particulate concentrations greater than 100 mcg/m^3 above background levels are observed or visible dust is observed leaving the work area, then dust suppression must be employed. If particulate levels exceed 150 mcg/m^3 then work must be stopped, and dust suppression techniques should be reevaluated.

6.0 DUST AND ODOR CONTROL PLAN

If necessary, a dust suppression plan that addresses dust management during invasive on-site work will include, at a minimum, the items listed below:

- Dust suppression will be achieved using an on-site water truck or other method for road wetting.
- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-site roads will be limited in total area to minimize the area required for water truck sprinkling or other methods to wet surfaces.

If nuisance odors are identified at the site boundary, or if odor complaints are received, work will be halted, and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. The NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the QEP or an environmental monitor working under a QEP, and any measures that are implemented will be discussed in the Periodic Review Report.

7.0 EXCAVATION FLUID MANAGEMENT

LaBella will assist the contractor with coordination and sampling efforts to dispose of water generated from the excavation during the project. Water generated from excavations or subsurface structures (e.g., manholes, pipes, etc.) should be containerized prior to characterization and disposal. If water is generated during construction, it may be disposed of within the Sanitary Sewer System with approval from the local municipality or disposal off-site in accordance with applicable local, State, and Federal regulations.

8.0 COVER SYSTEM RESTORATION

After the completion of soil removal and any other invasive activities, the cover system will be restored. The cover system is to be comprised of a minimum of 12 inches of clean soil (meeting NYSDEC Part 375-6 Commercial Use SCOs) that is:

- either removed and segregated from the existing soil cover system,
- soil beneath the existing cover system that meets NYSDEC Part 375-6 Commercial Use SCOs and approved by the NYSDEC, and/or
- NYSDEC approved imported material.

The existing vegetative cover over the work limits (120' x 175' x 6" thick) or approximately 390 cubic yards. This material will be stockpiled are shown on the drawings with appropriate sediment and erosion measure controls outside of the proposed station fencing limits. This material is anticipated to be reused as part of the site vegetative and/or cover system.

The stripping up of the existing gravel driveway will generate approximately 87 cubic yards. These materials will be used as general fill to establish subgrade for the station and as part of the site cover system.

A demarcation layer, consisting of orange snow fencing material or other comparable material (e.g. mirafi fabric) will be placed to provide a visual reference to the top of the remaining contamination zone, the zone that requires adherence to special conditions for disturbance of remaining contaminated soils defined in the SMP. The topsoil will be seeded to establish a grass surface.

If additional topsoil is required to establish a grass surface, the material will be sampled and approved prior to importation in accordance with Section 9.0.

8.1 Changes to Existing Site Cover System

Changes to the existing site cover system will include the following.

- **See Grading Plan Drawing C-3 included in Appendix 3.** As represented on the grading plan, the Buffalo Street side of the station will have an area of fill up to approximately four feet in height. To establish subgrade, - 12" below finish grade, we expect the contractor will be using the excess soils generated on site from the excavations and stripping of the gravel road to establish the subgrade elevation. Any material placed in this area that will be removed from beneath the existing site cover system will be covered with material stripped and stockpiled from the existing site cover system.

At the completion of the underground foundation and infrastructure, final restoration within the perimeter fencing will be placement of approximately 12-inches of crusher run stone, an additional layer of separation fabric (Mirafi 140N) or stabilization fabric (Mirafi 500X) and be installed before placement of the stone in the areas where there are not buildings.

- **See Site Plan Drawing C-2 included in Appendix 3.** Additional changes to the site cover system will include two small asphalt paved driveways from the access road around the station perimeter fencing and the following buildings, each with concrete slabs.

    - NYSEG Pressure Control and Odorization at 16' x 31'.
    - NYSEG RTU "Remote Terminal Unit" at 8' x 8'.
    - National Fuel's RTU Building at 8' x 12'.
    - National Fuel's Metering Building at 13' x 26'.

- **See Plan Drawings SH-16-18 and C-11 included in Appendix 3** for additional information on design cross sections for underground pipe trenches, building slabs and asphalt.

9.0 BACKFILL FROM OFF-SITE SOURCES

All backfill materials proposed for import onto the site will be approved by the qualified environmental professional, as defined in 6 NYCRR Part 375, and will follow provisions in this SMP 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 for approval prior to importation.

Import material that is not exempt from testing in accordance with DER-10 will be sampled in accordance with DER-10 Table 5.4(3)10. It is assumed the NYSDEC will require import composite samples to be tested for 1,4-dioxane and Polyfluoroalkyl Substances (PFAS) (draft Method 1633) in addition to 6 NYCRR Part 375 list VOCs, SVOCs, Metals (including hexavalent and trivalent chromium and cyanide), PCBs, and Pesticides/Herbicides.

Laboratory testing results will be compared to DER-10, Appendix 5 Allowable Constituent Levels for Imported Fill or Soil Subdivision 5.4(e) for Commercial Use and PFAS results will be compared to the NYSDEC Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs dated April 2023 Commercial SCOs.

10.0 STORMWATER POLLUTION PREVENTION

Due to the anticipated size of the excavation a Stormwater Pollution Prevention Plan (SWPPP) is not required for the site. The size of the excavation and disturbance the ground surface is anticipated to be less than one acre.

If necessary to prevent stormwater or sediment migrating from the excavation, barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by the NYSDEC. All necessary repairs shall be made immediately.

11.0 HEALTH AND SAFETY PLAN

The Health and Safety Plan (HASP) included in Appendix 2 will be followed by LaBella site workers.

All work will be performed in compliance with the EWP and 29 CFR 1910.120 and the contractor will be required to follow their own HASP.

12.0 SOIL VAPOR INTRUSION

There will be no permanently occupied structures on-site as part of this project. No bathrooms will be constructed as part of this project. There will be control rooms and other equipment that will require periodic checks and inspections. As such, a soil vapor suppression system will not be installed for any structure nor the evaluation for soil vapor intrusion.

13.0 DELIVERABLES

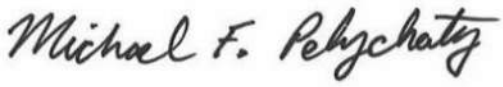
At the conclusion of the project the following deliverables will be provided to the NYSDEC.

- A summary report will be provided to the NYSDEC that summarizes the EWP related work.
- As-built figure showing the location of the new site cover features/components (e.g. soil cover areas, building areas, asphalt paved areas) upon completion of the project .

If you have any questions, please do not hesitate to contact me at mpelychaty@labellapc.com or at 585-295-6253.

Respectfully submitted,

LaBella Associates



Michael F. Pelychaty, PG
Project Manager

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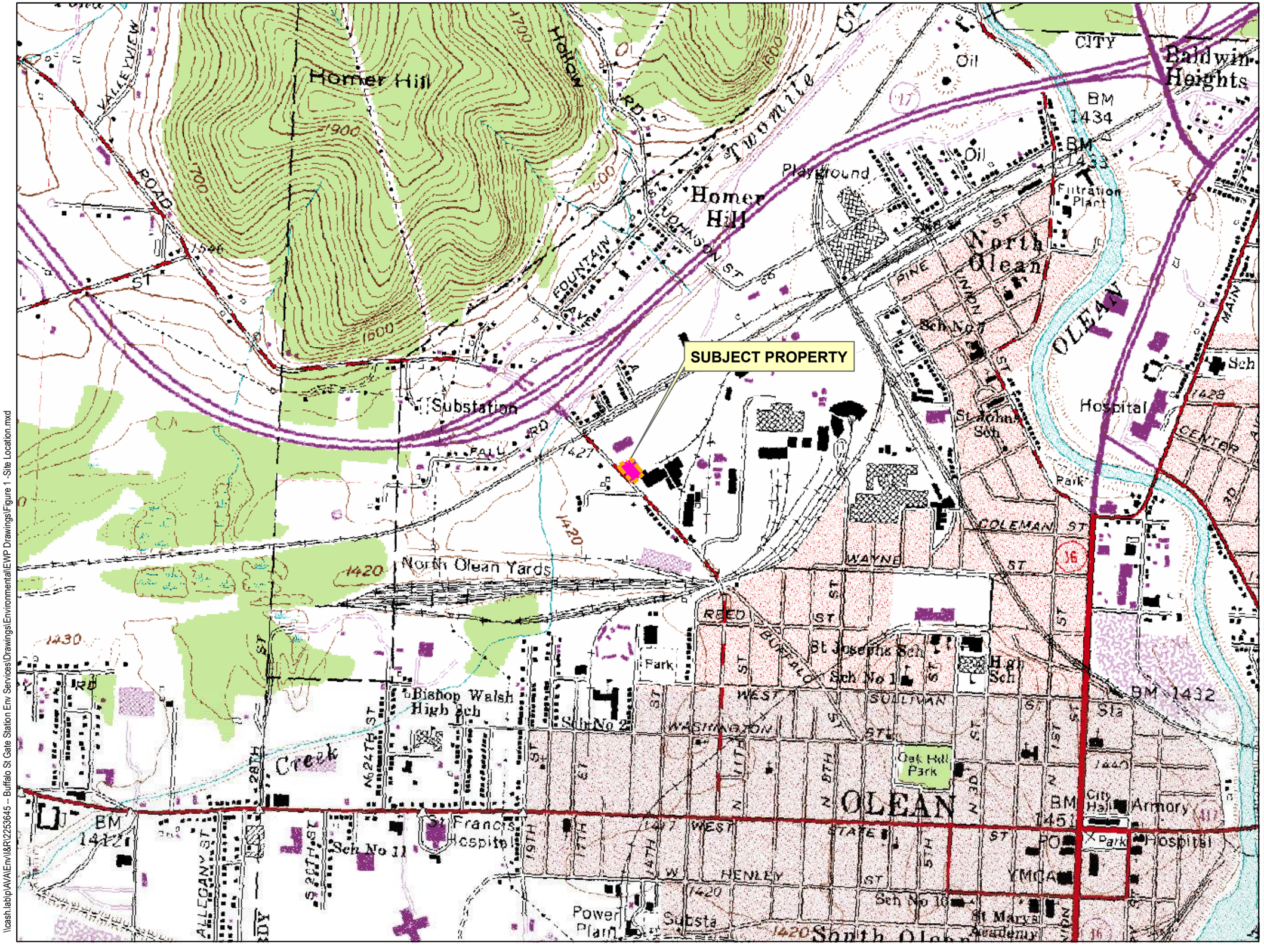
FIGURES



\\cash.lab\p\AVAIEnv\I&R\2253645 -- Buffalo St Gate Station Env Services\Drawings\Environmental\EWP Drawings\Figure 1 -Site Location.mxd

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NYSEG

BUFFALO STREET
OLEAN, NY

N

0 500 1,000 Feet

1 inch = 1,000 feet

Legend

Subject Property

Sources/Notes:

1) USGS Map obtained from NYS GIS Clearinghouse.
2) All locations should be considered approximate.

LaBella Project No: 2253645
Date: 7/8/2025

SITE LOCATION MAP

FIGURE 1

INTENDED TO PRINT AS: 11" X 17"

\\cash.lab\p\AVAIEnv\II&R\2253645 -- Buffalo St Gate Station Env Services\Drawings\Environmental\EWP Drawings\Figure 2 - Site Area Map.mxd

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NYSEG

BUFFALO STREET
OLEAN, NY

N

0 100 200 Feet

1 inch = 200 feet

Legend

Subject Property

Sources/Notes:

1) Aerial photograph obtained from Eagleview, Inc. website and dated 2023. Aerial photograph may not represent actual site conditions.
2) All locations should be considered approximate.

LaBella Project No: 2253645
Date: 7/8/2025

SITE AREA MAP

FIGURE 2

INTENDED TO PRINT AS: 11" X 17"

\\cash.labjp\AVA\Env\I&R\2253645 -- Buffalo St Gate Station Env Services\Drawings\Environmental\EWP Drawings\Figure 3 - Prior Testing Locations.mxd

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NYSEG

BUFFALO STREET
OLEAN, NY

N

0 20 40 Feet

1 inch = 40 feet

Legend

- Subject Property
- Boring
- Test Pit

Sources/Notes:

1) Aerial photograph obtained from Eagleview, Inc. website and dated 2023. Aerial photograph may not represent actual site conditions.
2) All locations should be considered approximate.

LaBella Project No: 2253645
Date: 7/8/2025

PRIOR TESTING LOCATIONS

FIGURE 3

INTENDED TO PRINT AS: 11" X 17"

APPENDIX 1

Location and Depth of Proposed Excavations

APPROXIMATE EXCAVATION AND MATERIALS:

1. DEMO EXISTING ASPHALT PAVEMENT (2,260 SQ FT X 9" BOXOUT = 63 CY's)
2. DEMO GRAVEL DRIVEWAY = (3,125 SQ FT X 9" BOXOUT = 87 CY's)
3. STRIP VEGETATIVE COVER (6" THICK @ 120' X 175' +/- = 390 CY's)

390 CY's VEGETATIVE SOIL FOR RESTORATION

4. BOXOUT FOR 2 PAVED DRIVEWAYS (837 SQ FT + 816 SQ FT X 9" = 46 CY's)
5. BUILDING FOUNDATION EXCAVATION (12" BELOW FOOTINGS & GRADE BEAM = 65 CY's)
6. HEATER FOUNDATION EXCAVATION (5' X 8' X 4.5' X 2 = 12 CY's)
7. SONA TUBES BUILDING AND LIGHTING (6 CY's NYSEG + 24 CY"s NATIONAL FUEL)
8. INLET PIPING EXCAVATION = (37 CY's NYSEG + 39 CY"s NATIONAL FUEL)
9. OUTLET PIPING EXCAVATION = (36 CY's NYSEG + 53 CY'S NATIONAL FUEL)
10. CONDUIT EXCAVATIONS = ((53 CY's NYSEG + 10 CY'S NATIONAL FUEL) + (GROUNDING)

375 CUBIC YARDS NON VEGETATIVE COVER SOIL & SUBSOILS TO BE EXCAVATED

ESTIMATED IMPORTED MATERIALS

SAND

11. PADDING GAS MAINS (40 CY's NYSEG + 13 CY"s NATIONAL FUEL)
12. PADDING CONDUITS (20 CY's NYSEG + 10 CY"s NATIONAL FUEL)
13. DISTRIBUTION TIE-IN (18 CY's NYSEG)

101 CUBIC YARDS SAND +/-

STONE PRODUCTS

14. NYSEG FOUNDATION = (12" THICK UNDER GRADE BEAM & FOOTINGS = 18 CY's)
15. NYSEG SUBASE BUILDING = (12" THICK X 14.67 X 29.67 = 16 CY's)
16. HEATER FOUNDATION = (12" THICK UNDER HEATER FOOTINGS = 3 CY's)
17. PAVED DRIVEWAY SUBBASE = (12" THICK X (837 + 816) = 46 CY's)
18. NYSEG YARD @ 3' PAST FENCING = (12" THICK X 9,110 SQ FT = 337 CY's)
19. N.F. YARD @ 3' PAST FENCING = (12" THICK X 2,824 SQ FT = 105 CY's)

525 CUBIC YARDS CRUSHER RUN +/-

ASPHALT PAVEMENTS

20. NYSEG DRIVEWAY (16' X 52.5' X 4" THICK = 10 CY's)
21. N.F. DRIVEWAY (16' X 50' X 4" THICKNESS = 10 CY's)

20 CUBIC YARD ASPHALT PAVEMENT +/-

646 CUBIC YARDS +/- OF IMPORTED MATERIALS

CUT/FILL ANALYSIS, SITE BALANCE NEEDS 649 OF IMPORTED MATERIALS.

EARTHWORK BALANCE IS 3 CUBIC YARDS OF ADDITIONAL MATERIAL TO BALANCE SITE.

REDUCE SIDE SLOPES FOR TOPSOIL RESTORATION CURRENT AT 1:4 TO 1:8 ALONG BUFFALO STREET TO 1:3 MINIMUM, IF NEEDED TO BALANCE THE SITE.

NO CHANGE IN GRADE OR EARTHWORK OVER NATIONAL FUELS "LINE EE".

DEEPEST EXCAVATIONS ARE 4.0' +/- (1421.0 +/-) FOR HEATER FOUNDATION AND OUTLET PIPING.

ANTICIPATE 0 CUBIC YARDS OF SOIL TO BE REMOVED FROM THE SITE.

ANTICIPATE NO EXCAVATIONS INTO THE 1-GCPS-2D LIMITS.

NO DISTURBANCE TO SOIL VAPOR WELL 1-SVE-1 ANTICIPATED.

BROWNFIELD CLEANUP PROGRAM
NYSDEC SITE C905031
SITE MANAGEMENT PLAN
EXCAVATION WORK PLAN

REFER TO COMPLETE EXCAVATION WORK PLAN FOR PROJECT, GENERAL INFO IN FOLLOWING NOTES:

B-1 AT LEAST 15 DAY NOTIFICATION TO THE NYSDEC PRIOR TO AND SITE DISTURBANCE ACTIVITIES.

B-2 SOIL SCREENING - A QUALIFIED ENVIRONMENTAL PROFESSIONAL WILL SCREEN ALL SOILS AND EXCAVATIONS. SOILS WILL BE SEGREGATED INTO STOCKPILES FOR ASSESSMENT FOR OFF-SITE DISPOSAL OF CONTAMINATED SOILS OR REUSE ON-SITE AS COVER SOIL OR SOIL BENEATH COVER LAYER.

B-3 SOIL STAGING - ALL STOCKPILES MATERIALS SHALL BE ENCIRCLED WITH A BERM AND/OR SILT FENCING. STOCKPILE SHALL BE KEPT COVERED AND INSPECTED WEEKLY AND AFTER RAIN EVENTS AND RECORDS MAINTAINED IN A LOGBOOK ON SITE FOR DEC INSPECTION.

B-7 MATERIALS REUSE ON-SITE - AT THIS TIME WE ANTICIPATE ALL SOILS TO BE REUSED ON-SITE WITH NO OFF-SITE TRANSPORTATION OR DISPOSAL REQUIRED. SMP FIGURE 14 NOTES THE PROPOSED DEVELOPMENT AREA HAS A VEGETATED SOIL COVER SYSTEM BETWEEN THE NEW ASPHALT COVER AND EXISTING ASPHALT COVER SYSTEMS. THE QUALIFIED ENVIRONMENTAL PROFESSIONAL WILL ENSURE SOILS MEET CRITERIA FOR REUSE ONSITE IN ACCORDANCE WITH THE NYSDEC EXCAVATION WORK PLAN. ANALYTICAL TESTING TO ENSURE SOILS MEET SSAL'S "SITE SPECIFIC ACTION LIMITS" FOR REUSE ON-SITE.

B-8 FLUID MANAGEMENT - ALL LIQUIDS REMOVED FROM THE SITE INCLUDING DEWATERING OF EXCAVATIONS SHALL BE MANAGED OFF-SITE UNLESS PRIOR APPROVAL IS OBTAINED FROM NYSDEC.

B-9 COVER SYSTEM RESTORATION - AFTER COMPLETION OF ALL EXCAVATIONS AND BACKFILLING, COVER SYSTEM WILL BE RESTORED IN ACCORDANCE WITH THE JANUARY 2014 DECISION DOCUMENT. DEMARCATION LAYER SHALL CONSIST OF A ORANGE PLASTIC MESH MATERIALS APPROXIMATELY 12" BELOW FINISH GRADE.

B-10 BACKFILL FROM OFF-SITE SOURCES - ALL IMPORTED STONE, SAND, AND ASPHALTIC PRODUCTS WILL BE APPROVED BY QUALIFIED ENVIRONMENTAL PROFESSIONAL AND IN ACCORDANCE WITH SMP PRIOR TO PLACEMENT ON-SITE. SUBMISSION OF THE "REQUEST TO IMPORT / REUSE FILL OR SOIL" FORM WILL BE SUBMITTED TO THE NYSDEC PROJECT MANAGER WITH MINIMUM OF FIVE BUSINESS DAYS FOR REVIEW.

SITE-SPECIFIC ACTION LEVELS (SSALs)

ARSENIC > 90 MG/KG
TOTAL LEAD > 2,000 MG/KG
TCLP LEAD > 5 MG/L
MERCURY > 9 MG/KG
PCB > 10 MG/KG
TOTAL PAHs > 500 MG/KG
GCPS SOIL/FILL AREAS

1 SH-3 DEMO & EXCAVATION SITE PLAN
SCALE: 1" = 20'

ENGINEERING CONTRACTOR: LaBella Powered by partnership	DRAWING STATUS		DATE:	DESIGNER: LaBella Associates - BSB	NYSEG AVANGRID	GAS DIVISION: OLEAN
	X	PRELIMINARY	10/15/2024	DRAWN BY: LaBella Associates - BSB		
	X	ISSUED FOR CONSTRUCTION	5/21/2025	REV / DATE / DESCRIPTION: 2 — 12/10/2024 — NYSEG PROJECT DRAWING UPDATES; 3 — 5/21/2025 — IFC SET OF DRAWINGS	TITLE: BUFFALO STREET GATE STATION	SHEET #: 3 / 28
		AS-BUILT		DRAWING #: C-3	DEMO & EXCAVATION SITE PLAN	
PROJECT #: 2220157.017				SCALE: VARIES — PAPER SIZE: 22 X 34	WO #: 6200794171	
					QUAD/MAP #: 24591.82	

CADD Drawing, DO NOT REVISE MANUALLY.

\\Cash.lab\pAVANGas\2220157.xxx - Stations 2021-2024\2220157.017 - NYSEG Buffalo St Gate Station\Drawings\Civil\2025 01-20 Site Design.dwg

APPENDIX 2

Health and Safety Plan

Site-Specific Health and Safety Plan (HASP)

Project Title:

Environmental Services Buffalo Street Gate Station

Location:

Buffalo Street, Olean, NY

Prepared For:

NYSEG

LaBella Project No. 2253645

Contact List		
Contact	**Name**	**Phone**
LaBella Project Manager	Mike Pelychaty	585-295-6253
LaBella Site Supervisor	TBD	
Corporate Safety Manager	Catherine Monian	845-486-1557
Environmental Division Safety Program Manager	Tim Ruddy	315.440.5125
Site Safety Officer	TBD	
Site Contact	TBD	
Human Resources	TBD	
Emergency Personnel including Police and Fire Dept and Ambulance – Dial 911		
Hospital- *see Hospital Route Section below for directions*	Olean General Hospital, 515 Main St, Olean, NY	716-373-2600
Poison Control		800-336-6997
NYSDEC Spill Response Hotline		800-457-7362

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0.0 HASP Acknowledgment

All LaBella project personnel, contractors, and subcontractors are required to sign the following agreement prior to conducting work:

1. I have read and fully understand the requirements of this site-specific HASP including my individual responsibilities listed above.

2. I agree to abide by the provisions of the HASP and participate in any health and safety meetings or modifications to the HASP criteria during the implementation of work.

Name	Company	Date

1.0 Introduction

The purpose of this Health and Safety Plan (HASP) is to provide guidelines for responding to potential health and safety issues that may be encountered at the project site, located at Buffalo Street, Olean, NY This HASP only reflects the policies of LaBella Associates D.P.C. and its affiliated companies LaBella Environmental, LLC and Aztech Environmental Technologies, Inc., collectively referred to as "LaBella". The requirements of this HASP are applicable to all approved LaBella personnel, contractors and subcontractors at the work site. This document's project specifications are to be consulted for guidance in preventing and quickly abating any threat to human safety or the environment. The provisions of the HASP do not replace or supersede any federal, state or local regulatory requirements.

2.0 Responsibilities

This HASP presents guidelines to minimize the risk of injury to project personnel, and to provide rapid response in the event of injury. The HASP is applicable only to activities of approved LaBella personnel and their authorized visitors specific to this project. The Project Manager shall implement the provisions of this HASP for the duration of the project. It is the responsibility of LaBella employees to follow the requirements of this HASP, and all applicable company safety procedures.

3.0 Daily Pre-Job Safety Meetings

Prior to the beginning of work each day the Field Supervisor/Foreman or on-site Project Manager will review upcoming daily job requirements, anticipated hazards and hazard control measures with the project team members. At this meeting information such as personal protective equipment, site conditions, emergency procedures, and other applicable topics may be addressed. A copy of the **Daily Pre-Job Safety Tailgate/Toolbox Meeting Form** is attached to this HASP.

4.0 Site Information

Project Name:	Environmental Services Buffalo Street Gate Station
LaBella Project No.:	2253645
Project Location:	Buffalo Street, Olean, NY
Current Use of Project Location:	Vacant land
Uses of Surrounding Areas (Res Vacant Land, Commercial, etc.):	Commercial and vacant land
Proposed Date(s) of Field Activity - Start:	2025-07-14

Proposed Date(s) of Field Activity - End:	2025-12-31

5.0 Scope of Work

The proposed field work covered under this HASP includes the following:

- Environmental Monitoring

6.0 Emergency Information

The personnel and emergency response contacts associated with the proposed scope of work are presented below and are to be posted onsite during all field activities. The Site Safety Officer (SSO) is the primary authority for directing site operations and relaying communications under emergency conditions. During the SSO's absence, the Project Manager or Site Supervisor will lead emergency operations.

Project Personnel		
Contact	**Name**	**Phone**
LaBella Project Manager		
LaBella Site Supervisor		
Corporate Safety Manager	Catherine Monian	845-486-1557
Environmental Division Safety Program Manager	Tim Ruddy	315.440.5125
Site Safety Officer		
Site Contact		
Human Resources		
Emergency Personnel including Police and Fire Dept and Ambulance – Dial 911		
Hospital- *see Hospital Route Section below for directions*		
Poison Control		800-336-6997
NYSDEC Spill Response Hotline		800-457-7362

First Aid

A First Aid Kit will be located as follows: No The injured person may be transported to a trained medical center for further examination and treatment. The preferred transport method is a professional emergency transportation service; however, if this option is not readily available or would result in excessive delay, other transport is authorized.

Under no circumstances should an injured person transport themselves to a medical facility for treatment, no matter how minor the injury may appear.

Incident Reporting

Employees shall report all incidents and injuries to their supervisor as soon as possible, including those involving employees operating vehicles and other equipment. All reporting procedures contained in LaBella Safety Policy 1.22 must be followed.

During emergencies employees should seek medical care immediately. When contacting their Supervisor/Safety Manager/HR, employees should discuss medical care options. If an employee is asked by medical personnel for a worker's compensation number they should tell them that LaBella should be billed directly.

When emergency medical care is not imminent, employees shall immediately report events to their immediate Supervisor, the Safety Manager and Human Resources, and participate in the investigation process as well as the corrective action process, as needed. An Accident-Incident-Near Miss-Hazard Form must be submitted online or by e-mail to the Supervisor, Safety Manager and HR as soon as possible but no later than 24 hours after the event. The Form can be found on LaBella's intranet under "Operations".

7.0 Potential Health and Safety Hazards and Controls

This section lists potential health and safety hazards that project personnel may encounter at the project site and actions to be implemented by approved personnel to control and reduce the associated risk to health and safety. This is not intended to be a complete listing of any and all potential health and safety hazards. New or different hazards may be encountered as site environmental and site work conditions change. The suggested actions to be taken under this plan are not to be substituted for good judgment on the part of project personnel. At all times, the Site Safety Officer has responsibility for site safety and their instructions must be followed.

Physical Hazards		
Work Action or Condition	**Potential Safety Hazard**	**Controls (including PPE)**
Drilling Activities	Potential presence of underground or	• Prior to initiating drilling activities conduct a utility stakeout via the state one call system

	overhead utilities, rotating and moving parts, pinch point hazards, falling objects/debris, high noise levels, ergonomic issues related to lifting heavy drill tooling and supplies (e.g., augers, bags of sand or grout).	(e.g., UDig NY). A private utility location service may be required if private utilities may be present. • Ensure safe distance from overhead utilities such as electric, telephone and fiber optic/cable lines. • Wear appropriate PPE and avoid loose clothing or jewelry. • Stay clear of moving parts and know the location of emergency shut-off switches. • Take particular caution when raising/lowering the mast and near rotating augers/drill rods. • Practice safe lifting techniques. • Where possible use winches/cables to lift heavy tooling. • Use team lifting where mechanical lifting is not practical.
Excavations and Trenches	Injury from fall into or cave-in of trench/excavation. Asphyxiation, engulfment, or explosion (if pipe bursts)	An open excavation or trench may be present during site activity, or could be present during demolition or remediation activities. No Labella employees should enter a trench or excavation unless authorized to by the designated Competent Person. During heavy precipitation, excessive runoff may create slippery surfaces and also weaken the excavation sidewalls making the excavation more susceptible to collapse. The following hazard control measures will be applied: • All materials must be placed greater than 2 feet from the edge of the trench and LaBella employees should remain at least 2-feet from the edge of any excavation or trench. • LaBella employees are not to enter excavations greater than 4-feet in depth unless they have received appropriate training, stabilization measures are in place and a competent person has determined that the conditions are safe. • Any samples must be collected from the equipment bucket or from the spoils pile.
Hand Tools	Physical injury	• Do not use a tool if you have not been trained. Inspect tool before use and do not use damaged tools. • Maintain tools in good condition and follow manufacturers' instructions. • Wear gloves, safety glasses and and appropriate PPE /apparel, avoiding loose clothing; secure long hair.

		• When using a cutting tool hold its handly firmly and cut away from your body, never towards it. • If working on a ladder or scaffold raise and lower tools using a bucket and hand line; never carry tools in a way that prevents using both hands on a ladder (maintain three poits of contact)
Heavy Equipment - Working Near	Struck by, Caught in between, Causing an obstruction on existing roadway, Rollaway, and hearing damage.	Working near heavy equipment presents struck-by and caught-in or in-between risks. Heavy equipment can also rollaway or obstruct roadways, limiting visibility. The following hazard control measures will be applied: • Maintain 360 degrees of awareness of your surroundings. • Meet the Operator, discuss work operations, and stay in line of sight. • Wear high visibility clothing (outer layer), hard hat, safety glasses, work boots. • Stand in safe zone away from blind areas. Never walk behind or to the side of heavy equipment without the operator's knowledge. Have an escape plan. • Stay out of the swing zone of heavy equipment such as excavators or traditional auger rigs. The swing zone is defined as an entire 360 degree circle equipment may move within as measured from a central location point. • Only approach drill rig after auger has stopped rotating and the operator has given the OK for you to approach to collect a sample. • Wear hearing protection when working near heavy or moving equipment.
Hot Weather & Sun, Other Heat Hazards	Prickly Heat (Heat rash), Heat Cramps, Heat Exhaustion Heat Fatigue, Heat Collapse, Heat Stroke, Sunburn	Environmental heat hazards, whether indoors or outdoors, present physical injury risks. Exercise caution when working in hot temperatures or around hot tar or other materials, hot ovens or other equipment, heat absorbing surfaces such as roofs and roads, and reflective surfaces such as water or metal. The following hazard control measures will be applied: • Have sunscreen available for ultraviolet protection on sunny days. • Have water or electrolyte drinks for dehydration. • Check the weather and adjust work schedules if heat is excessive. Work early or later in day. • Perform work during cooler hours of the day or at night if adequate lighting can be provided.

		• Utilize shelter (air-conditioned, if possible) or shaded areas to protect personnel during rest periods. • Use cooling devices such as fans and water misters. • Allow workers to take breaks in air-conditioned vehicles.
Slip-Trip-Fall	Injury	• Reduce and avoid slippery (wet, icy, oily, muddy, etc.) surfaces. • Workers will watch where they step and wear proper footwear. • Keep work areas free of obstructions and debris.
Roads/Traffic - Near/On	Getting struck by vehicle	• If working in or around traffic (including in parking lots), workers will wear an ANSI Level 2 high visibility clothing (vest). An ANSI Level 3 vest (with sleeves) is required when working near traffic exceeding 50 mph. Additional reflective gear is also required for night work. • Maintain 360 degrees of awareness of your surroundings. • Face traffic, stay in a safe zone, and have an escape route. • Do not wear a headset or talk on your cell phone. • DOT aproved Traffic Cones and all Traffic Cobtral Devices must be designed and placed according to Uniform Traffic Contral Devices (MUTCD) standards (See 3.13 WORK ZONE SAFETY in Labella's Safety Manual for more information) • If possible, close the entrance/exit to ensure the worker's safety, and use a spotter if the worker will not have the ability to keep their attention on vehicles maneuvering in the area. • Workers should NOT sit down or turn their back to traffic when working. If they must do either of these things to complete the work scope, use a spotter or consider alternate ways or tools to do the work.
Working on Wet, Icy, and Slippery Surfaces	Bodily harm (e.g. high falls, impalement) Bodily injury (e.g. strain muscles, broken bones)	Administrative: • Report unsafe conditions. Help identify areas where accidents are likely to occur so we can take steps to keep sit safe. *Note: The routine application of salt on icy surface on a project is commonly cover in contract but not always utilized. Personal Protective Equipment and work

		practice: Wear slip-resistant footwear that has good traction. Avoid shoes with smooth soles. Take shorter steps at a slower pace on icy pavement. Hold onto the handrails when using stairs. Keep your hands free to catch yourself if you start to fall. Use a cart and take the elevator when carrying large items. Avoid walking while distracted; put away your mobile device. Use caution when stepping off curbs and walking up or down steep slopes. • Don't rush! Give yourself extra time to get to your destination. • Wipe your feet on a mat when you enter a building to remove excess water.

Biological and Environmental Hazards		
Work Action or Condition	**Potential Safety Hazard**	**Controls (including PPE)**
Hazardous Insects	Injury from hazardous insects, including allergic reactions	Hazardous animals and insects may be encountered on a variety of properties, including rural sites. The following hazard control measures will be applied: • Apply bug repellant spray or lotion to exposed skin. • If you have been prescribed medication for stings, bring it with you. • Be cautious of walking path and foot placement to avoid places where snakes/spiders may be, (e.g., stepping over logs). • Stay on trails away from high grassy areas/bushes. Tuck pants into boots, wear tall boots if going through tall grass/bush. • For Ticks: Conduct daily tick check, wear long pants/long-sleeved shirts/hates/socks that are light in color, put hair up, carry tick removal kit. • For Spiders: Don't put unprotected hands inside items that might have spiders and be careful moving undisturbed piles of materials. • For Bears: Make noise and use bear spray. • For Snakes: Stay away - striking distance is 1/2 to 2/3 their body length.

Ergonomic Hazards		
Work Action or Condition	**Potential Safety Hazard**	**Controls (including PPE)**
Lifting Heavy Objects	Injury from Improper Lifting/Lifting weights that are too heavy	• When lifting heavy objects, keep the load close to the body and use the leg muscles instead of the back muscles to perform lifting tasks. • Do not attempt to lift large, heavy (especially over 50-lbs), or awkwardly shaped objects without assistance from another employee or from a manual lifting devise.
Noise (Loud, Sustained)	Hearing Damage	• Ear protection will be worn at all times when personnel are within 20-feet of operating equipment or when noise level becomes consistently loud enough to have to raise voice to communicate with someone. • Hearing protection will also be worn in the vicinity of generators, concrete cutters, and any other high noise emitting equipment.

Chemical Hazards (General)		
Work Action or Condition	**Potential Safety Hazard**	**Controls (including PPE)**
Sample Collection - Soil or Groundwater	*Exposure to contaminants. Hand injury from cutting, crushing, tool or glass breakage. Back strain from lifting cooler.*	• When collecting samples, workers will utilize nitrile gloves, safety glasses or goggles. If material being sampled potentially contains fill or other sharp material, use a stainless steel spoon (or similar) as a tool to collect the sample. Any such tools should be dedicated or properly decontaminated between samples. • When lifting sample coolers, workers will use proper lifting techniques and get assistance when possible, especially for containers heavier than 50 lbs.

Individual Contaminant Hazards			
Chemical	**OSHA Permissible Exposure Limit (PEL)/ NIOSH**	**Routes of Exposure**	**Symptoms of Overexposure**

	Recommended Exposure Limit (REL) or Immediately dangerous to life or health air concentration values (IDLH)		

8.0 Personal Protective Equipment (PPE)

All site workers will have appropriate training as identified in Section 7.0. Training includes the identification of PPE necessary for various tasks; how to don, doff, adjust, and wear PPE; limitations of PPE; and proper care, inspection, testing, maintenance, useful life, storage, and disposal of the PPE. PPE will be inspected on a regular basis.

Level D: A work uniform affording minimal protection, used for nuisance contamination, only.	• Coveralls or long-sleeves and pants • Gloves • Nitrile sampling gloves (as needed) • Boots/shoes, chemical-resistant steel toe and shank • Safety glasses or chemical splash goggles • Hard hat

9.0 Employee Training

All workers and other personnel shall receive appropriate training prior to engaging in site activities. All workers must recognize and understand the potential hazards to health and safety that are associated with the proposed scope of work and must be thoroughly familiar with programs and procedures contained in this Safety Plan.

The following training levels were determined to be needed:

- OSHA 40 Hour - HAZWOPER

10.0 Exposure Monitoring

No - VOC Exposure Monitoring not required or applicable

11.0 Site Control

No - Contaminant Exclusion or Reduction zone not required or applicable at the site.

12.0 Recordkeeping

An electronic or hardcopy version of this HASP will be present at the Site during all field work activities. Copies of field logs, including daily pre-job safety meeting logs, will be filed by LaBella and available for the duration of the project.

Employees will be able to provide physical or electronic copies of required training certificates.

Incident reporting will be completed in accordance with LaBella policies.

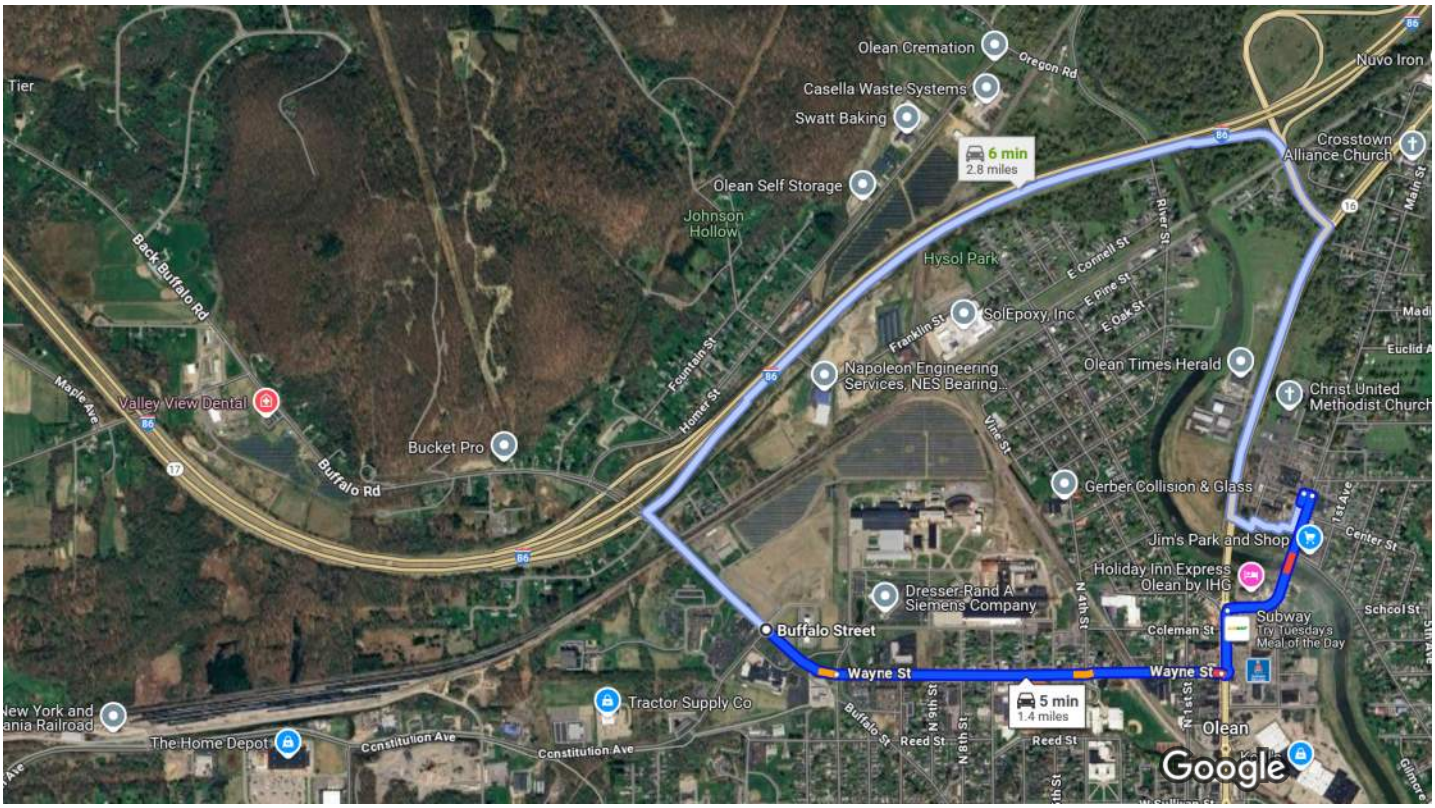
APPENDIX A

Directions to Nearest Medical Facility

Google Maps

Buffalo St, Olean, NY 14760 to Olean General Hospital, 515 Main St, Olean, NY 14760

Drive 1.4 miles, 5 min



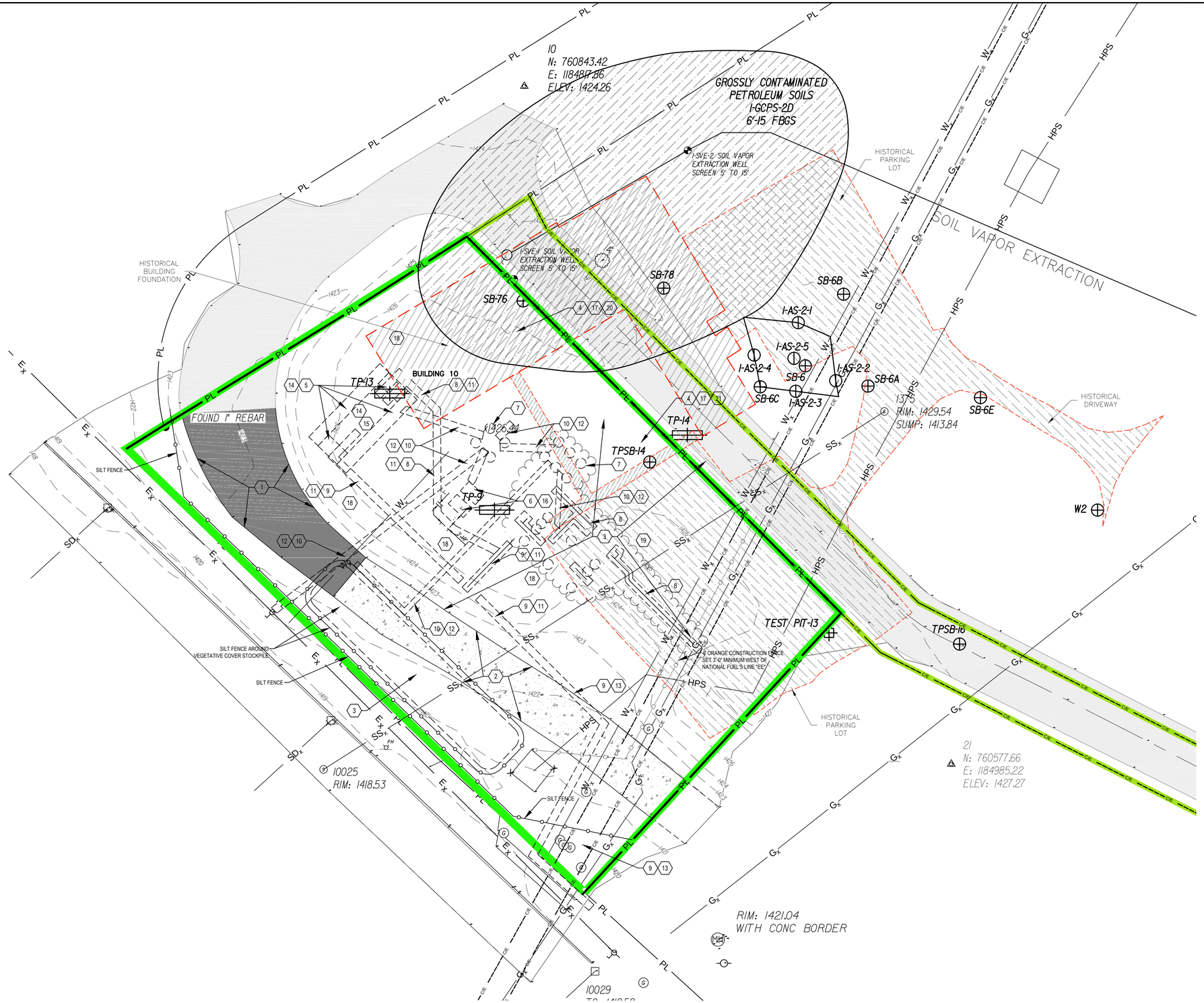
Imagery ©2025 Airbus, CNES / Airbus, Maxar Technologies, Map data ©2025 Google 1000 ft

Buffalo St
Olean, NY 14760

1. Head southeast on Buffalo St
   0.2 mi
2. Continue onto Wayne St
   0.8 mi
3. At the traffic circle, take the 3rd exit onto N Union St
   Pass by Pizza Hut (on the right)
   0.1 mi
4. At the traffic circle, take the 1st exit onto Main St
   0.3 mi
5. Turn left
   85 ft
6. Turn left
   Destination will be on the right
   98 ft

APPENDIX 3

Site Plans for New Cover System



1 DEMO & EXCEDATION SITE PLAN
SH-3 SCALE: 1" = 20'

"FOR REFERENCE ONLY"

APPROXIMATE EXCAVATION AND MATERIALS:

1. DEMO EXISTING ASPHALT PAVEMENT (2,260 SQ FT X 9" BOXOUT = 63 CY's)
2. DEMO GRAVEL DRIVEWAY = (3,125 SQ FT X 9" BOXOUT = 87 CY's)
3. STRIP VEGETATIVE COVER (6" THICK @ 120' X 175' +/- = 390 CY's)

390 CY's VEGETATIVE SOIL FOR RESTORATION

4. BOXOUT FOR 2 PAVED DRIVEWAYS (837 SQ FT + 816 SQ FT X 9" = 46 CY's)
5. BUILDING FOUNDATION EXCAVATION (12" BELOW FOOTINGS & GRADE BEAM = 65 CY's)
6. HEATER FOUNDATION EXCAVATION (5' X 8' X 4.5' X 2 = 12 CY's)
7. SONA TUBES BUILDING AND LIGHTING (6 CY's NYSEG + 24 CY"s NATIONAL FUEL)
8. INLET PIPING EXCAVATION = (37 CY's NYSEG + 39 CY"s NATIONAL FUEL)
9. OUTLET PIPING EXCAVATION = (36 CY's NYSEG + 53 CY'S NATIONAL FUEL)
10. CONDUIT EXCAVATIONS = ((53 CY's NYSEG + 10 CY'S NATIONAL FUEL) + (GROUNDING)

375 CUBIC YARDS NON VEGETATIVE COVER SOIL & SUBSOILS TO BE EXCAVATED

ESTIMATED IMPORTED MATERIALS

SAND

11. PADDING GAS MAINS (40 CY's NYSEG + 13 CY"s NATIONAL FUEL)
12. PADDING CONDUITS (20 CY's NYSEG + 10 CY"s NATIONAL FUEL)
13. DISTRIBUTION TIE-IN (18 CY's NYSEG)

101 CUBIC YARDS SAND +/-

STONE PRODUCTS

14. NYSEG FOUNDATION = (12" THICK UNDER GRADE BEAM & FOOTINGS = 18 CY's)
15. NYSEG SUBASE BUILDING = (12" THICK X 14.67 X 29.67 = 16 CY's)
16. HEATER FOUNDATION = (12" THICK UNDER HEATER FOOTINGS = 3 CY's)
17. PAVED DRIVEWAY SUBBASE = (12" THICK X (837 + 816) = 46 CY's)
18. NYSEG YARD @ 3' PAST FENCING = (12" THICK X 9,110 SQ FT = 337 CY's)
19. N.F. YARD @ 3' PAST FENCING = (12" THICK X 2,824 SQ FT = 105 CY's)

525 CUBIC YARDS CRUSHER RUN +/-

ASPHALT PAVEMENTS

20. NYSEG DRIVEWAY (16' X 52.5' X 4" THICK = 10 CY's)
21. N.F. DRIVEWAY (16' X 50' X 4" THICKNESS = 10 CY's)

20 CUBIC YARD ASPHALT PAVEMENT +/-

646 CUBIC YARDS +/- OF IMPORTED MATERIALS

CUT/FILL ANALYSIS, SITE BALANCE NEEDS 649 OF IMPORTED MATERIALS.

EARTHWORK BALANCE IS 3 CUBIC YARDS OF ADDITIONAL MATERIAL TO BALANCE SITE.

REDUCE SIDE SLOPES FOR TOPSOIL RESTORATION CURRENT AT 1:4 TO 1:8 ALONG BUFFALO STREET TO 1:3 MINIMUM, IF NEEDED TO BALANCE THE SITE.

NO CHANGE IN GRADE OR EARTHWORK OVER NATIONAL FUELS "LINE EE".

DEEPEST EXCAVATIONS ARE 4.0' +/- (1421.0 +/-) FOR HEATER FOUNDATION AND OUTLET PIPING.

ANTICIPATE 0 CUBIC YARDS OF SOIL TO BE REMOVED FROM THE SITE.

ANTICIPATE NO EXCAVATIONS INTO THE 1-GCPS-2D LIMITS.

NO DISTURBANCE TO SOIL VAPOR WELL 1-SVE-1 ANTICIPATED.

BROWNFIELD CLEANUP PROGRAM
NYSDEC SITE C905031
SITE MANAGEMENT PLAN
EXCAVATION WORK PLAN

REFER TO COMPLETE EXCAVATION WORK PLAN FOR PROJECT, GENERAL INFO IN FOLLOWING NOTES:

B-1 AT LEAST 15 DAY NOTIFICATION TO THE NYSDEC PRIOR TO AND SITE DISTURBANCE ACTIVITIES.

B-2 SOIL SCREENING - A QUALIFIED ENVIRONMENTAL PROFESSIONAL WILL SCREEN ALL SOILS AND EXCAVATIONS. SOILS WILL BE SEGREGATED INTO STOCKPILES FOR ASSESSMENT FOR OFF-SITE DISPOSAL OF CONTAMINATED SOILS OR REUSE ON-SITE AS COVER SOIL OR SOIL BENEATH COVER LAYER.

B-3 SOIL STAGING - ALL STOCKPILES MATERIALS SHALL BE ENCIRCLED WITH A BERM AND/OR SILT FENCING. STOCKPILE SHALL BE KEPT COVERED AND INSPECTED WEEKLY AND AFTER RAIN EVENTS AND RECORDS MAINTAINED IN A LOGBOOK ON SITE FOR DEC INSPECTION.

B-7 MATERIALS REUSE ON-SITE - AT THIS TIME WE ANTICIPATE ALL SOILS TO BE REUSED ON-SITE WITH NO OFF-SITE TRANSPORTATION OR DISPOSAL REQUIRED. SMP FIGURE 14 NOTES THE PROPOSED DEVELOPMENT AREA HAS A VEGETATED SOIL COVER SYSTEM BETWEEN THE NEW ASPHALT COVER AND EXISTING ASPHALT COVER SYSTEMS. THE QUALIFIED ENVIRONMENTAL PROFESSIONAL WILL ENSURE SOILS MEET CRITERIA FOR REUSE ONSITE IN ACCORDANCE WITH THE NYSDEC EXCAVATION WORK PLAN. ANALYTICAL TESTING TO ENSURE SOILS MEET SSAL'S "SITE SPECIFIC ACTION LIMITS" FOR REUSE ON-SITE.

B-8 FLUID MANAGEMENT - ALL LIQUIDS REMOVED FROM THE SITE INCLUDING DEWATERING OF EXCAVATIONS SHALL BE MANAGED OFF-SITE UNLESS PRIOR APPROVAL IS OBTAINED FROM NYSDEC.

B-9 COVER SYSTEM RESTORATION - AFTER COMPLETION OF ALL EXCAVATIONS AND BACKFILLING, COVER SYSTEM WILL BE RESTORED IN ACCORDANCE WITH THE JANUARY 2014 DECISION DOCUMENT. DEMARCATION LAYER SHALL CONSIST OF A ORANGE PLASTIC MESH MATERIALS APPROXIMATELY 12" BELOW FINISH GRADE.

B-10 BACKFILL FROM OFF-SITE SOURCES - ALL IMPORTED STONE, SAND, AND ASPHALTIC PRODUCTS WILL BE APPROVED BY QUALIFIED ENVIRONMENTAL PROFESSIONAL AND IN ACCORDANCE WITH SMP PRIOR TO PLACEMENT ON-SITE. SUBMISSION OF THE "REQUEST TO IMPORT / REUSE FILL OR SOIL" FORM WILL BE SUBMITTED TO THE NYSDEC PROJECT MANAGER WITH MINIMUM OF FIVE BUSINESS DAYS FOR REVIEW.

SITE-SPECIFIC ACTION LEVELS (SSALs)

ARSENIC > 90 MG/KG
TOTAL LEAD > 2,000 MG/KG
TCLP LEAD > 5 MG/L
MERCURY > 9 MG/KG
PCB > 10 MG/KG
TOTAL PAHs > 500 MG/KG
GCPS SOIL/FILL AREAS

ENGINEERING CONTRACTOR: LaBella Powered by partnership	DRAWING STATUS	DATE:
	X PRELIMINARY	10/15/2024
	X ISSUED FOR CONSTRUCTION	6/3/2025
	AS-BUILT	
PROJECT #: 2220157.017		

DESIGNER:	LaBella Associates - BSB
DRAWN BY:	LaBella Associates - BSB

REV	DATE	DESCRIPTION
2	12/10/2024	NYSEG PROJECT DRAWING UPDATES
3	6/3/2025	IFC SET OF DRAWINGS

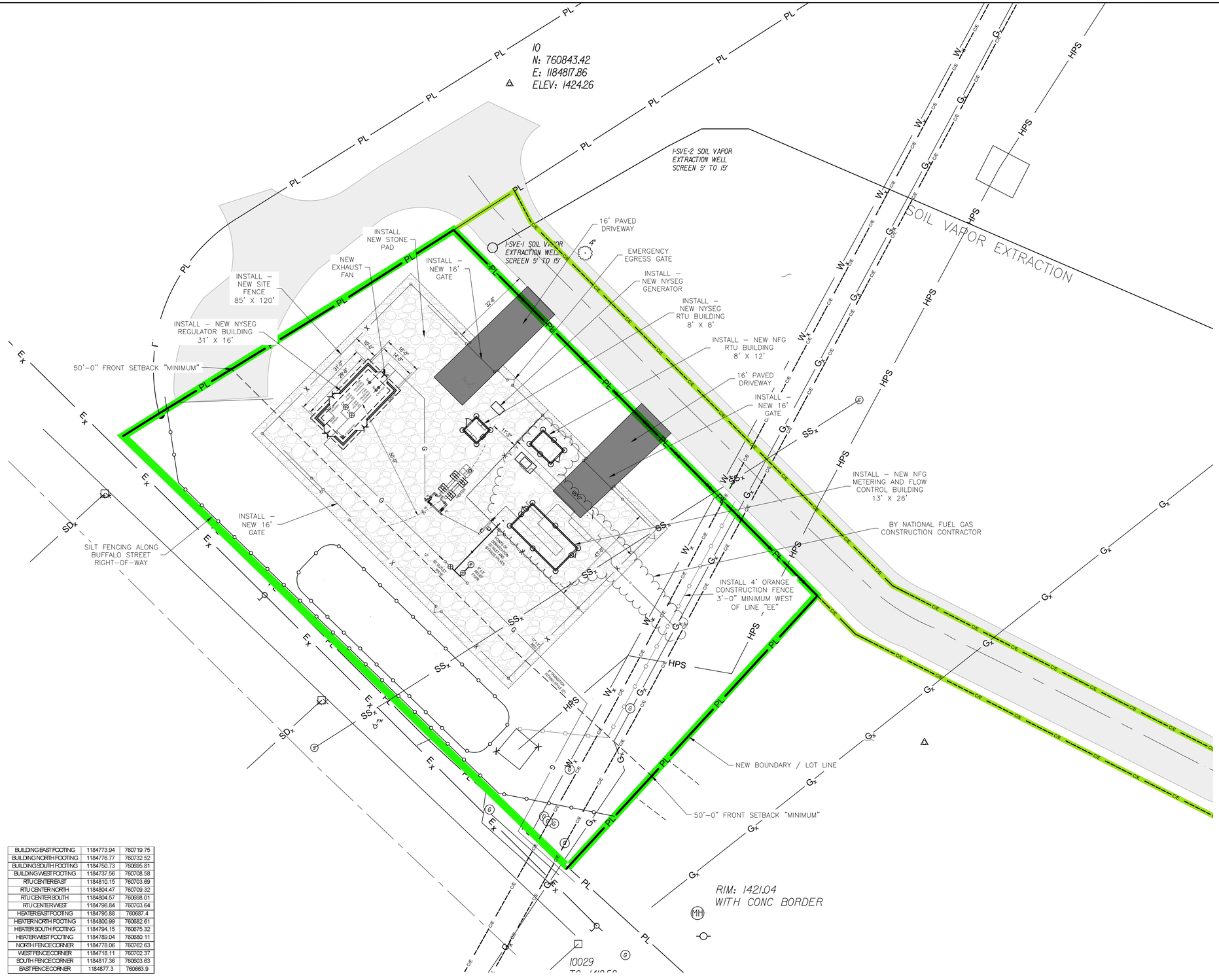
DRAWING #:	C-1
SCALE: VARIES	PAPER SIZE: 22 X 34

NYSEG AVANGRID — GAS DIVISION: OLEAN

TITLE:	BUFFALO STREET GATE STATION
	DEMO & EXCAVATION SITE PLAN
WO #:	6200794171
QUAD/MAP #:	24591.82
SHEET #:	1/26

CADD Drawing, DO NOT REVISE MANUALLY:

\\Cash.lab\pAVA\Gas\2220157.xxx - Stations 2021-2024\2220157.017 - NYSEG Buffalo St Gate Station\Drawings\Civil\2025 01-20 Site Design.dwg



BUILDING EAST FOOTING	1184773.94	760719.75
BUILDING NORTH FOOTING	1184776.77	760732.52
BUILDING SOUTH FOOTING	1184750.73	760695.81
BUILDING WEST FOOTING	1184737.56	760708.58
RTU CENTER EAST	1184810.15	760703.69
RTU CENTER NORTH	1184804.47	760709.32
RTU CENTER SOUTH	1184804.57	760698.01
RTU CENTER WEST	1184798.84	760703.64
HEATER EAST FOOTING	1184795.88	760687.4
HEATER NORTH FOOTING	1184800.99	760682.61
HEATER SOUTH FOOTING	1184794.15	760675.32
HEATER WEST FOOTING	1184789.04	760680.11
NORTH FENCE CORNER	1184778.06	760762.63
WEST FENCE CORNER	1184718.11	760702.37
SOUTH FENCE CORNER	1184817.36	760603.63
EAST FENCE CORNER	1184877.3	760663.9

1 / SH-4 PROPOSED SITE PLAN
SCALE: 1" = 20'

BUFFALO STREET GATE STATION- GENERAL NOTES

1. ALL WORK MUST COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL CODES, AS WELL AS THE REQUIREMENTS OF OSHA (LATEST EDITIONS).
2. THE LOCATIONS OF UNDERGROUND STRUCTURES SHOWN HEREIN ARE DEPICTED ACCORDING TO THE BEST AVAILABLE INFORMATION. THEY ARE NOT GUARANTEED TO BE CORRECT OR COMPLETE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM ALL CONDITIONS IN THE FIELD AND MAKE ADJUSTMENTS AS REQUIRED TO ACCOMMODATE THE WORK BY GETTING APPROVAL FROM NYSEG CONSTRUCTION INSPECTORS FIRST. IT IS ASSUMED ALL PREMISES HAVE WATER, GAS, TEL. ELEC. SEWER, ETC. LATERAL CROSSINGS.
3. ANY QUESTIONS REGARDING THE GAS ENGINEERING DESIGN OF THESE CONSTRUCTION PLANS SHOULD BE REFERRED TO NYSEG'S OWNER ENGINEER TOM RICCI AT 607-761-1950.
4. DO NOT DEVIATE FROM THESE PLANS WITHOUT FIRST CONTACTING NYSEG SITE CONSTRUCTION INSPECTOR OR DESIGNER: DANIEL KUKOLY 252-341-7893 OR BRENDAN BYSTRAK 585-295-6278 ALL FIELD OR MATERIAL CHANGES MUST GET PRIOR APPROVAL BY OWNER ENGINEER.
5. CONTRACTOR MUST MAINTAIN A FULL-SIZE SET OF THESE CONSTRUCTION PLANS (100% OF ALL PRINTS) AND CONTRACT SPECIFICATIONS ON SITE AT ALL TIMES DURING THE WORK.
6. CONTRACTOR SHALL COMPLY WITH CITY OF OLEAN CODES RELATED TO WORKING HOURS/NOISE RESTRICTIONS, SEDIMENT AND EROSION CONTROL, AND OTHER JURISDICTIONAL REQUIREMENTS.
7. CONTRACTOR TO ARRANGE TO HAVE ALL FOREIGN UTILITIES VERIFY THEIR LOCATIONS IN THE FIELD PRIOR TO START OF EXCAVATION WORK BY CONTACTING CALL-BEFORE-YOU-DIG AT "811", 1-800-922-4455. NOT ALL UTILITY SERVICES TO PROPERTIES ARE SHOWN ON THESE PLANS. REFER TO NOTE 2 ABOVE.
8. PROTECT ALL MUNICIPAL, STATE, AND FEDERAL SURVEY CONTROL MONUMENTS AND BENCHMARKS. CONTRACTOR TO CONTACT RESPECTIVE MUNICIPAL ENGINEERING DEPARTMENTS FOR TYPES AND LOCATIONS BEFORE STARTING WORK AS REQUIRED.
9. NYSEG CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF NECESSARY EROSION CONTROL (SILT SACKS, HAYBALES, CHECKDAMS, ETC.) AS REQUIRED FOR THE DURATION OF THE PROJECT (SEE EROSION CONTROL DETAILS). AFTER SITE STABILIZATION IS ESTABLISHED, CONTRACTOR SHALL REMOVE ALL EROSION CONTROL MEASURES FOR THE PROJECT (SEE EROSION CONTROL DETAILS).
10. NYSEG ENVIRONMENTAL GROUP WILL PROVIDE GUIDANCE TO THE CONTRACTOR FOR ALL SOIL AND WATER MANAGEMENT.
11. PIPING TO BE PLACED AT A MINIMUM OF 36" COVER UNLESS OTHERWISE NOTED.
12. THE FOLLOWING MINIMUM CLEARANCES SHALL BE MAINTAINED UNLESS OTHERWISE NOTED:
    a. 12" GAS MAIN
    b. 24" NATIONAL FUEL GAS MAIN
    c. 12" GAS SERVICE
    d. 12" WATER MAIN OR WATER SERVICES
    e. 12" TELEPHONE/COMMUNICATION FACILITIES/SCADA
    f. 12" ELECTRIC
    g. 12" STORM & SANITARY SEWERS
    h. 24" BETWEEN NEW ELECTRICAL AND NEW COMMUNICATION CONDUITS

    PLEASE NOTE, ANY DEVIATIONS FROM THESE MINIMUM CLEARANCES MUST BE REVIEWED AND APPROVED BY NYSEG. UTILITY SERVICES AND LATERALS TO BUILDINGS ARE NOT SHOWN ON THESE PLANS. CONTRACTOR TO VERIFY THEIR LOCATIONS IN THE FIELD AND SUPPORT, PROTECT, MAINTAIN, AND WORK AROUND THEM AS REQUIRED IN ORDER TO COMPLETE THE PROPOSED WORK.
13. ALL GAS PIPING MATERIAL, COUPLINGS, FITTINGS, BENDS, CLAMPS, FIELD DEVICES ETC. TO BE SUPPLIED BY NYSEG AS INDICATED ON PLANS.
14. ALL WORK PERFORMED BY NYSEG OR APPOINTED CONTRACTOR.
15. ALL WELDING SHALL BE DONE BY AN NYSEG CERTIFIED WELDER AND SHALL CONFORM WITH THE API STANDARD 1104 AND NYSEG WELDING SPECIFICATIONS.
16. CONTRACTOR TO VERIFY ALL WELDING DIMENSIONS IN THE FIELD PRIOR TO ANY WELDING ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR ASBUILT NDE WELD MAP.
17. PRIOR TO PRESSURE TESTING ALL INTERNAL PIPING SHALL BE CLEANED OF DEBRIS AND FOREIGN MATERIALS. AFTER PRESSURE TESTING ALL PIPING SHALL BE CLEANED AND DRIED.
18. PIPING SEGMENTS SHALL BE TESTED WITH AIR/NITROGEN PRESSURE AND ALL WELDS 2" AND LARGER TO OPERATE GREATER THAN 124 PSI SHALL BE NON-DESTRUCTIVELY TESTED PER THE NYSEG SPECIFICATIONS.
19. AFTER COMPLETION OF INSTALL AND CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL HAND RAKE SURFACE SMOOTH AND REMOVE ALL ROCKS FROM SITE. AREA TO BE RESTORED WITH SUITABLE MATERIAL COVER TO ESTABLISH VEGETATION PER THE NYSEG SPECIFICATIONS AND CONTRACT DOCUMENTS.
20. CONTRACTOR TO PROVIDE AS-BUILT INFORMATION 10 DAYS AFTER COMPLETION OF INSTALLATION WORK.
21. NYSEG SCADA/SP&C GROUP TO LAND ALL 24 VOLT DC WIRING AT THE RTU, PERFORM CALIBRATIONS AND POINT TO POINT WITH GAS CONTROL. CONTRACTOR IS RESPONSIBLE FOR LANDING ALL OTHER WIRING CONNECTIONS.
22. CONTRACTOR TO SUPPLY AND COMPLETE ALL SWAGELOK TUBING FOR FIELD DEVICES AND EQUIPMENT, EXCLUDING THE ODORIZER.
23. NYSEG OPERATIONS TO COMMISSION ALL PIPING, PRESSURE REGULATION DEVICES, ODORIZER EQUIPMENT, AND HEATERS. CONTRACTOR SHALL SUPPORT AS NECESSARY.

CADD Drawing. DO NOT REVISE MANUALLY.

ENGINEERING CONTRACTOR: LaBella Powered by partnership
PROJECT #: 2220157.017

	DRAWING STATUS	DATE:
X	PRELIMINARY	10/15/2024
X	ISSUED FOR CONSTRUCTION	6/3/2025
	AS-BUILT	

DESIGNER: LaBella Associates - BSB
DRAWN BY: LaBella Associates - BSB

REV	DATE	DESCRIPTION
2	12/10/2024	NYSEG PROJECT DRAWING UPDATES
3	6/3/2025	IFC SET OF DRAWINGS

DRAWING #: C-2
SCALE: VARIES PAPER SIZE: 22 X 34

NYSEG A VAN GRID
GAS DIVISION: OLEAN

TITLE: BUFFALO STREET GATE STATION
PROPOSED SITE PLAN
WO #: 6200794171
QUAD/MAP #: 24591.82
SHEET # 2/26

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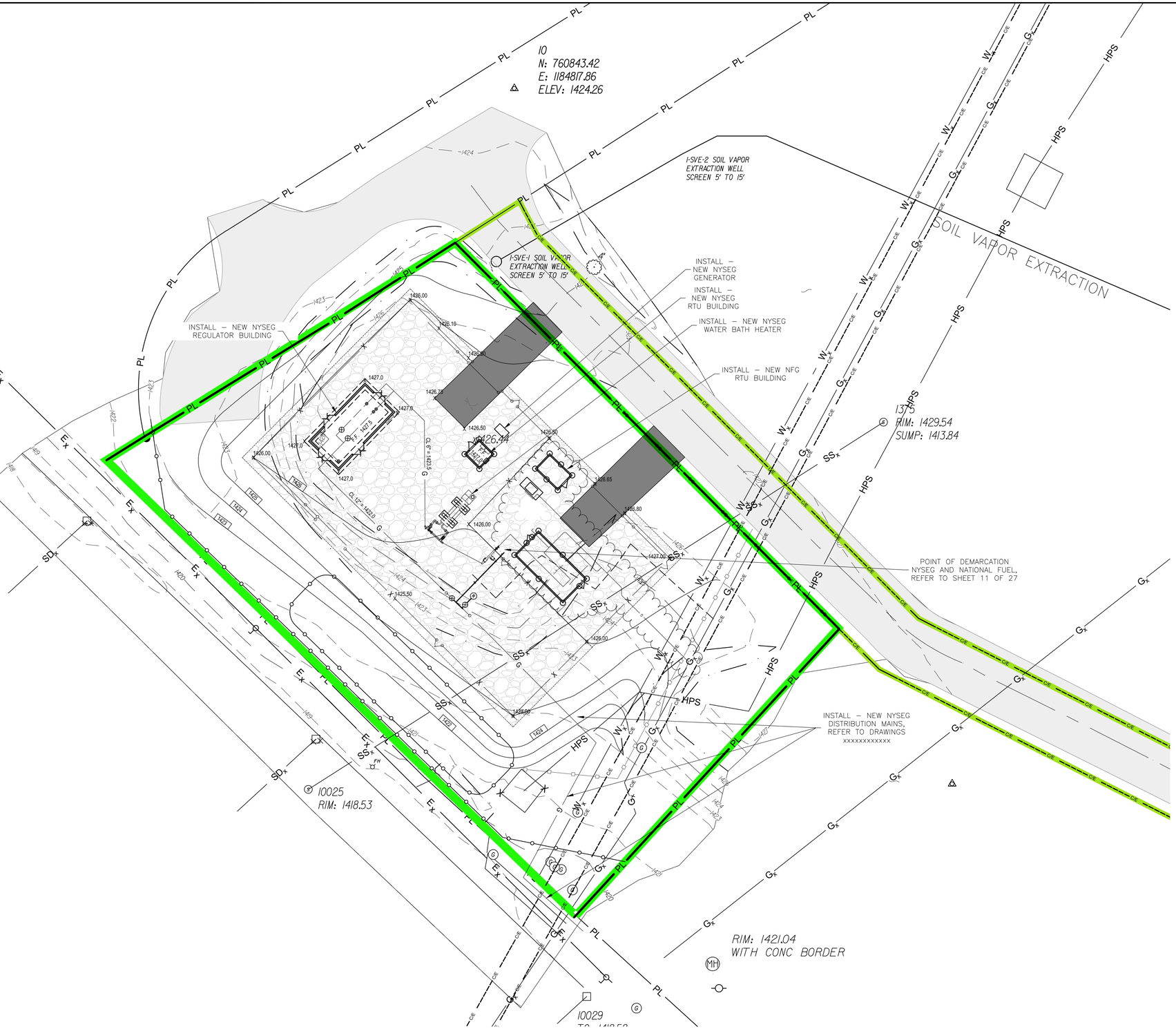

1 SH-5 GRADING PLAN & EROSION CONTROL

SCALE: 1" = 20'

UDIG/EXCAVATION/GRADING NOTES:

1. THE CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF OSHA, AND ANY OTHER AGENCY HAVING JURISDICTION WITH REGARD TO SAFETY PRECAUTIONS WITH TRENCHING OPERATIONS. THE REQUIREMENTS SET FORTH HEREIN ARE INTENDED TO SUPPLEMENT REQUIREMENTS ESTABLISHED BY THESE AGENCIES. IN THE CASE OF A CONFLICT BETWEEN REQUIREMENTS OF OTHER JURISDICTIONAL AGENCIES AND THESE DOCUMENTS, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
2. EXCAVATED OR OTHER MATERIALS SHALL BE STORED A MINIMUM OF 2 FEET FROM THE EDGE OF TRENCH.
3. WALLS OR FACES OF TRENCHES 5 FEET DEEP OR GREATER SHALL BE GUARDED BY A SHORING SYSTEM, SLOPING OF GROUND OR OTHER MEANS TO PREVENT CAVE-IN.
4. TRENCHES 4 FEET DEEP OR MORE SHALL HAVE AN ADEQUATE MEANS OF EXIT, SUCH AS LADDERS OR STEPS, LOCATED NO MORE THAN 25 FEET OF LATERAL TRAVEL.
5. DAILY INSPECTIONS OF EXCAVATIONS SHALL BE MADE BY AN AUTHORIZED, COMPETENT, TRAINED REPRESENTATIVE OF THE CONTRACTOR.
6. ALL EMPLOYEES SHALL BE INSTRUCTED TO RECOGNIZE AND AVOID THE HAZARDS ASSOCIATED WITH UNDERGROUND CONSTRUCTION ACTIVITIES.
7. FRESH AIR SHALL BE SUPPLIED TO ALL UNDERGROUND WORK AREAS.
8. ALL TRENCHES THROUGH PAVEMENT SHALL BE SAW CUT PRIOR TO EXCAVATION AND AGAIN PRIOR TO PAVEMENT RESTORATION.
9. CONTRACTOR SHALL ADJUST THE RIMS OF ALL MANHOLES, CATCH BASINS, VALVE BOXES AND OTHER UTILITY SITE STRUCTURES TO MEET FINISHED GRADE IN AREAS REQUIRING REPAVING OR REGRADING AS PART OF THE WORK, INCLUDING THOSE THAT MAY NOT BE SHOWN ON THE PLANS.
10. VOIDS LEFT BY UTILITY OR STRUCTURE REMOVAL OR GRUBBING OPERATIONS SHALL BE BACKFILLED AND PROPERLY COMPACTED (95% MODIFIED PROCTOR) WITH STRUCTURAL FILL (NYSDOT ITEM 304.12) IN AREAS UNDER AND WITHIN 5 FEET HORIZONTALLY OF ALL STRUCTURES, BUILDINGS AND PAVEMENTS. IN GRASSED AREAS, VOIDS LEFT SHALL BE FILLED AND PROPERLY COMPACTED (90% MODIFIED PROCTOR) WITH SUITABLE ON-SITE OR IMPORTED EARTHEN BACKFILL. ALL MATERIALS TO BE APPROVED BY THE ON SITE QUALIFIED ENVIRONMENTAL PROFFESSIONAL, REFER TO NOTES ON SHEET 3 OF 27.
11. THE CONTRACTOR SHALL DEWATER ALL EXCAVATIONS TO PREVENT THE INTRODUCTION OF GROUNDWATER INTO THE TRENCHES/EXCAVATIONS. PROVIDE ALL EQUIPMENT NECESSARY TO MAINTAIN THE GROUNDWATER LEVEL AS NECESSARY.
12. SPOIL SHALL NOT BE STOCKPILED IN FRONT OF BUILDINGS OR ENERGIZED GAS PIPING. THE CONTRACTOR SHALL MAINTAIN THE ACCESS.

SUGGESTED CONSTRUCTION SEQUENCE:

1. MARK CLEARING AND DISTURBANCE LIMITS.
2. INSTALL TEMPORARY SILT FENCE.
3. INSTALL ORANGE CONSTRUCTION FENCE TO PREVENT GRADING AND VEHILES OVER LINE "EE".
4. PULVERIZE EXISTING ASPHALT PAVEMENT TO BE REMOVED.
5. STRIP AND STOCKPILE PULVERIZED PAVEMENTS AND EXISTING GRAVEL DRIVEWY TO BE REMOVED.
6. STRIP AND STOCKPILE EXISTING VEGETATIVE SOIL LAYER (6" THICK AND 120' X 175')
7. ROUGH GRADE SITE (CUTS AND FILLS).
8. INSTALL BUILDING AND HEATER FOUNDATIONS.
9. TRENCH AND INSTALL PROPOSED UNDERGROUND UTILITIES (GAS AND CONDUITS).
10. PERFORM FINAL GRADING, AND INSTALL ASPHALT PAVEMENT.
11. STATION FENCING AND GATE AS INDICATED ON THE PLANS.
12. PERFORM TOPSOIL "REDISTRIBUTE STOCKPILED VEGETATIVE SOIL" AND SEEDING IN ALL DISTURBED VEGETATED AREAS.
13. REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER SITE HAS STABILIZED TO THE SATISFACTION OF THE PROJECT ENGINEER.

ENGINEERING CONTRACTOR: LaBella Powered by partnership	DRAWING STATUS	DATE:	DESIGNER: LaBella Associates - BSB	NYSEG AVANGRID	GAS DIVISION: OLEAN
	X PRELIMINARY	10/15/2024	DRAWN BY: LaBella Associates - BSB		
	X ISSUED FOR CONSTRUCTION	6/3/2025	REV 2 DATE 12/10/2024 DESCRIPTION: NYSEG PROJECT DRAWING UPDATES	TITLE: BUFFALO STREET GATE STATION	SHEET #: 3/26
			REV 3 DATE 6/3/2025 DESCRIPTION: IFC SET OF DRAWINGS	PROPOSED GRADING PLAN	
	AS-BUILT		DRAWING #: C-3	WO #: 6200794171	
PROJECT #: 2220157.017			SCALE: VARIES PAPER SIZE: 22 X 34	QUAD/MAP #: 24591.82	

CADD Drawing, DO NOT REVISE MANUALLY.

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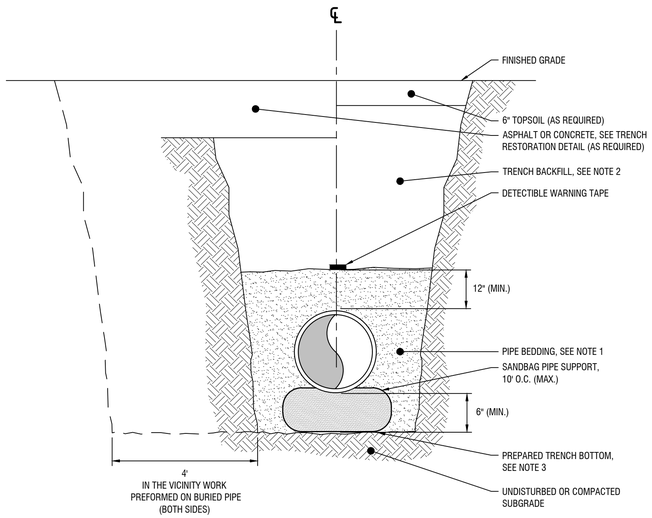
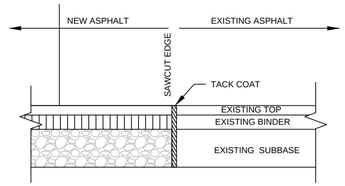


NOTES:

1. BACKFILLING MAY BEGIN AFTER SUCCESSFUL INSPECTION BY AN AVANGRID APPROVED INSPECTOR. BACKFILLING SHALL BE CONDUCTED IN A MANNER TO AVOID DAMAGING THE PIPE OR COATING. THE BACKFILL SHALL BE COMPACTED TO A DENSITY EQUAL TO, OR GREATER THAN THE EXISTING SOIL, PRIOR TO EXCAVATION, IN 6 TO 8 INCH LOOSE LIFTS USING A HAND TAMPER, OR OTHER APPROVED METHOD.
2. NATIVE MATERIAL IS ACCEPTABLE FOR BACKFILL AND BEDDING MATERIAL, IF IT MEETS THE REQUIREMENTS STATED IN AVANGRIDS'S PIPE BACKFILLING SPECIFICATION, OTHERWISE USE IMPORTED MATERIAL MEETING THE REQUIREMENTS OF NYSDOT ITEM NUMBER 703.06. PIPE BEDDING SHALL BE PLACE IN A MANNER THAT PROVIDES A FIRM BASE WITH NO VOIDS.
3. PRIOR TO LOWERING IN THE PIPE THE TRENCH BOTTOM SHALL BE PREPARED BY REMOVING ALL LOOSE ROCK, STONES, CONSTRUCTION DEBRIS AND VEGETATION.

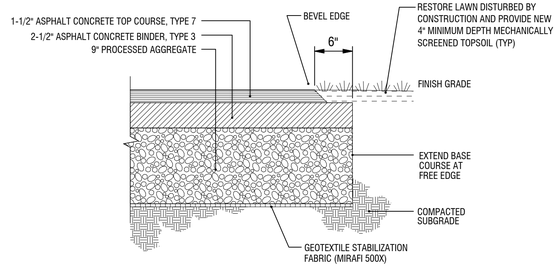
1 SH-13 TYPICAL GAS TRENCHING

SCALE: N.T.S.



8 SH-13 PAVEMENT MATCHING

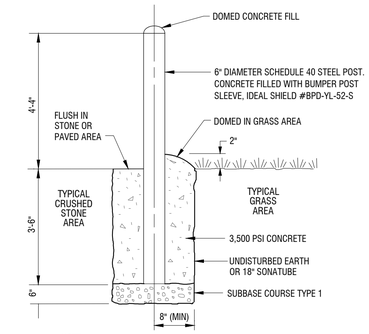
SCALE: N.T.S.



NOTES:
(1) PROVIDE ADDITIONAL SUBBASE MATERIAL WHERE FILL IS REQUIRED TO OBTAIN PROPER SUBGRADE ELEVATION, OR TO REPLACE UNSUITABLE SUBGRADE MATERIAL.

16 SH-13 MEDIUM DUTY PAVEMENT

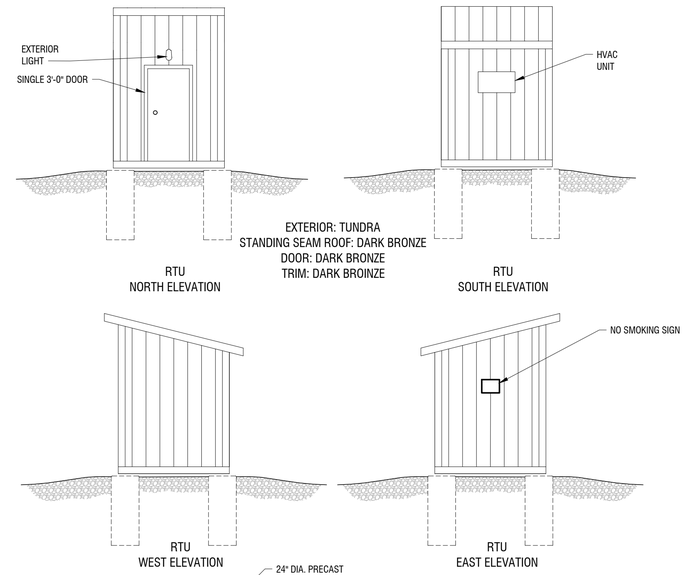
SCALE: N.T.S.



NOTE:
1. LOCATION OF BOLLARDS SHALL BE APPROVED BY THE ENGINEER.

4 SH-13 PIPE BOLLARD

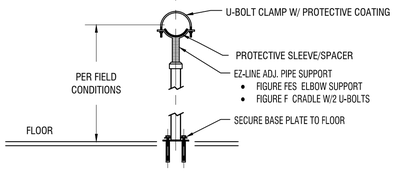
SCALE: N.T.S.



5 SH-13 RTU BUILDING

SCALE: N.T.S.

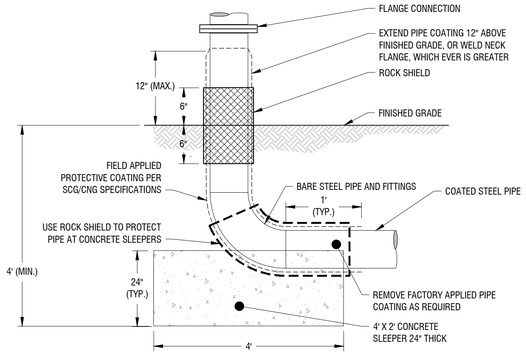
FOUNDATION SUPPORT



NOTES:
1. ANCHOR BOLT SPACINGS PER MANUFACTURERS BASE PLATE DESIGN.
2. PIPE SUPPORT DIMENSIONS ARE BASED ON FIELD CONDITIONS, AND MAY BE NEEDED TO BE REVISED PER FIELD CONDITIONS AT TIME OF ORDER.

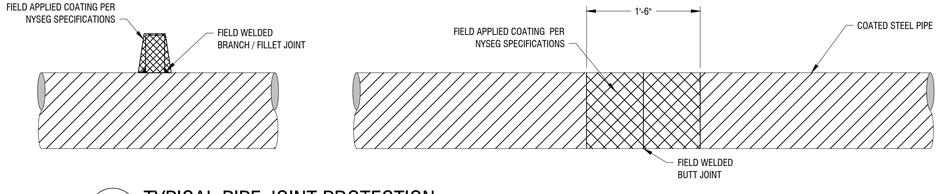
2 SH-13 PIPE SUPPORT

SCALE: N.T.S.



4 SH-13 PIPE COATING LIMITS

SCALE: N.T.S.



6 SH-13 TYPICAL PIPE JOINT PROTECTION

SCALE: N.T.S.

ENGINEERING CONTRACTOR	DRAWING STATUS		DATE:	DESIGNER: LABELLA /B. BYSTRAK			GAS DIVISION:
LaBella Powered by partnership.	X	PRELIMINARY	10/22/2024	DRAWN BY: LABELLA / B. BYSTRAK			NYSEG AVANGRID OLEAN
				REV	DATE	DESCRIPTION	
	X	ISSUED FOR CONSTRUCTION	6/3/2025	2	12/10/2024	NYSEG PROJECT DRAWING UPDATES	TITLE: BUFFALO STREET GATE STATION
				3	6/3/2025	IFC SET OF DRAWINGS	MISC. DETAILS
		AS-BUILT		DRAWING #: C-11			WO #:
PROJECT #: 2220157.017				SCALE: N.T.S.		PAPER SIZE: 22 X 34	QUAD/MAP #:

SHEET #: 11 / 26

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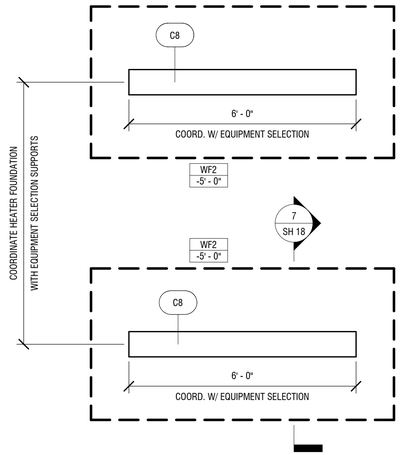
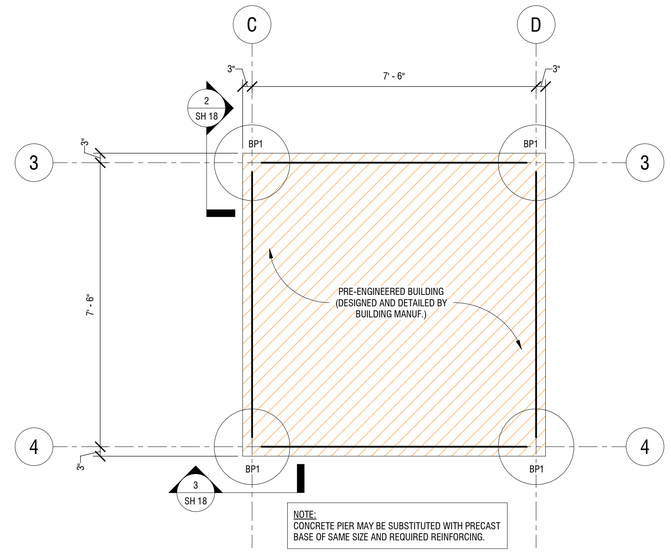


7 SH 16 HEATER FOUNDATION PLAN

1/2" = 1'-0"

HEATER FOUNDATION PLAN NOTES:

1. BOTTOM OF FOOTING ELEVATIONS ARE REFERENCED FROM FINISHED FLOOR ELEVATION (0' - 0") AND ARE NOTED ON PLAN.
2. DO NOT SCALE DRAWINGS. SEE CIVIL/SITE FLOOR PLANS FOR DIMENSIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
3. SECTIONS INDICATED ON PLAN ARE TYPICAL FOR SIMILAR CONDITIONS.
4. COORDINATE WIDTH AND SPACING WITH FINAL EQUIPMENT SELECTION.

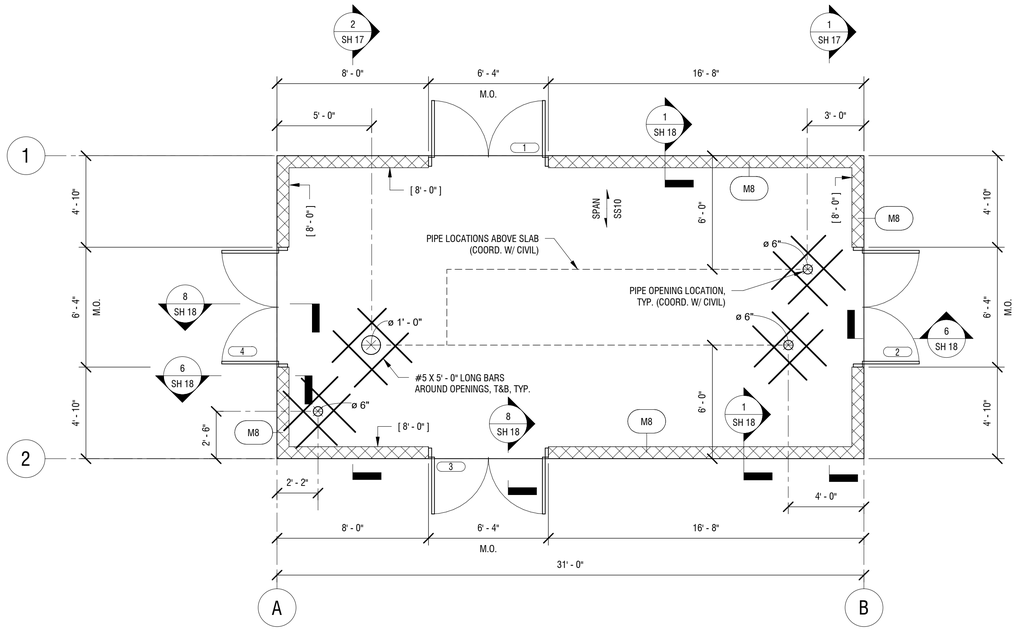


3 SH 16 PRE-ENGINEERED BUILDING FOUNDATION PLAN

1/2" = 1'-0"

PRE-ENGINEERED BUILDING FOUNDATION PLAN NOTES:

1. BOTTOM OF FOOTING ELEVATIONS ARE REFERENCED FROM FINISHED FLOOR ELEVATION (0' - 0") AND ARE NOTED ON PLAN.
2. DO NOT SCALE DRAWINGS. SEE CIVIL/SITE FLOOR PLANS FOR DIMENSIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
3. SECTIONS INDICATED ON PLAN ARE TYPICAL FOR SIMILAR CONDITIONS.

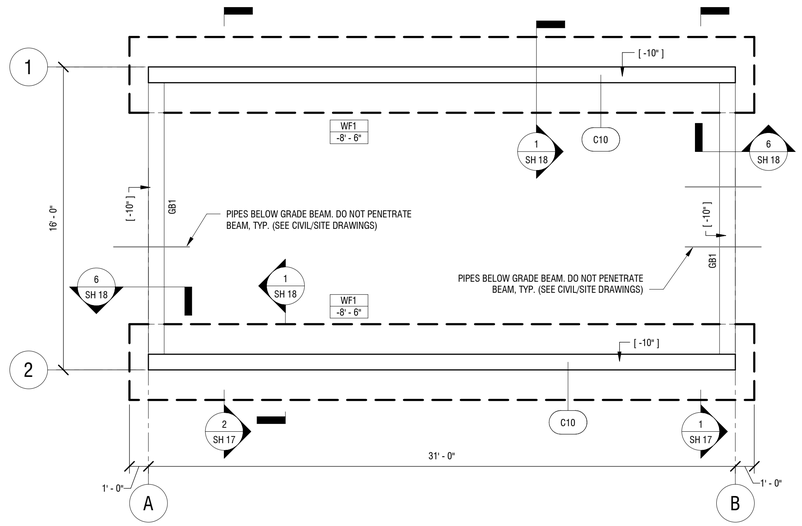


2 SH 16 GROUND FLOOR PLAN

1/4" = 1'-0"

FLOOR PLAN NOTES:

1. ALL ELEVATIONS ARE REFERENCED FROM FINISHED FLOOR ELEVATION 0' - 0" AND ARE NOTED ON PLAN. U.N.O.
2. DO NOT SCALE DRAWINGS. SEE CIVIL DRAWINGS FOR DIMENSIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
3. SECTIONS INDICATED ON PLAN ARE TYPICAL FOR SIMILAR CONDITIONS.



1 SH 16 FOUNDATION PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. BOTTOM OF FOOTING ELEVATIONS ARE REFERENCED FROM FINISHED FLOOR ELEVATION (0' - 0") AND ARE NOTED ON PLAN.
2. PLACE A MINIMUM OF 12" OF GRANULAR FREE DRAINING MATERIAL BEHIND ALL RETAINING WALLS.
3. DO NOT SCALE DRAWINGS. SEE CIVIL/SITE FLOOR PLANS FOR DIMENSIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
4. SECTIONS INDICATED ON PLAN ARE TYPICAL FOR SIMILAR CONDITIONS.

MASONRY WALL SCHEDULE

MARK	TYPE	THICKNESS	WALL REINFORCEMENT			COMMENTS
			HORIZONTAL	VERTICAL	BOND BEAM REINF. & SPACING	
M8	8" CMU SHEAR/BEARING WALL	7 5/8"	9 GA. TIES @ 16" O.C.	#5 BARS @ 24" O.C.	(1) #5 BAR CONT. @ MID HEIGHT AND TOP OF WALL	SPLIT FACE MASONRY WALL

GRADE BEAM SCHEDULE

MARK	DIMENSIONS		GRADE BEAM REINFORCEMENT				COMMENTS
	DEPTH	WIDTH	BOTTOM REINF.	TOP REINF.	SKIN REINF.	STIRRUPS	
GB1	2' - 0"	10"	(2) #6 BARS	(2) #6 BARS	#4 BAR @ 12" O.C., E.F.	#4 @ 10" O.C.	-

FOUNDATION WALL SCHEDULE

MARK	TYPE	THICKNESS	WALL REINFORCEMENT		COMMENTS
			HORIZONTAL	VERTICAL	
C8	CONC. FOUNDATION WALL	8"	#5 BARS @ 12" O.C., CENTERED	#5 BARS @ 12" O.C., CENTERED	
C10	FOUNDATION/RETAINING WALL	10"	#5 BARS @ 12" O.C., E.F.	#5 BARS @ 12" O.C., E.F.	-

BASE PLATE SCHEDULE

TYPE	BASE PLATE PROPERTIES			ANCHOR BOLT PROPERTIES			COMMENTS
	LENGTH	WIDTH	THICKNESS	NO. OF BOLTS	BOLT DIAMETER	MIN. EMBEDMENT	
BP1	8"	8"	1/2"	3	1/2"	6"	SEE DETAIL

WALL FOOTING SCHEDULE

MARK	WIDTH	THICKNESS	FOOTING REINFORCEMENT		COMMENTS
			LONGITUDINAL	TRANSVERSE	
WF1	4' - 0"	1' - 6"	(4) #6 BARS, T&B	#6 BARS @ 12" O.C. T&B	-
WF2	4' - 0"	1' - 0"	#5 BARS @ 12" O.C.	#5 BARS @ 12" O.C.	

STRUCTURAL SLAB SCHEDULE

MARK	TYPE	SLAB THICKNESS	SLAB REINFORCEMENT	COMMENTS
SS10	ONE-WAY STRUCTURAL SLAB	10"	#5 BARS @ 6" O.C., E.W.	BROOM FINISH

FOUNDATION LEGEND

1. W# — ## - INDICATES WALL TYPE (SEE FOUNDATION WALL &/OR WALL SCHEDULE)
2. WF# — WF# - INDICATES WALL FOOTING TYPE (SEE WALL FOOTING SCHEDULE)
3. #'-#" — #'-#" - BOTTOM OF FOOTING ELEV. FOR WALL FOOTING W/ RESPECT TO DATUM ELEVATION = 0' - 0".
4. [##'-##"] — TOP OF WALL ELEVATION

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ENGINEERING CONTRACTOR	DRAWING STATUS		DATE:
LaBella Powered by partnership.	X	PRELIMINARY	10/15/2024
	X	ISSUED FOR CONSTRUCTION	6/3/2025
		AS-BUILT	
PROJECT #: 2220157.017			

DESIGNER: RPY
DRAWN BY: RPY

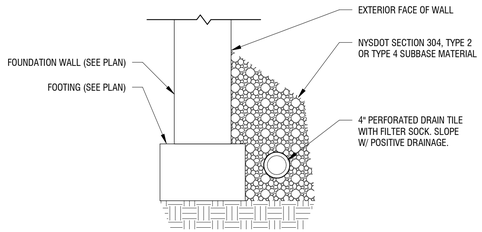
REV.	DATE	DESCRIPTION
2	12/10/2024	NYSEG Project Drawing Updates
3	6/3/2025	IFC SET OF DRAWINGS

SCALE: As indicated — PAPER SIZE: 22 X 34

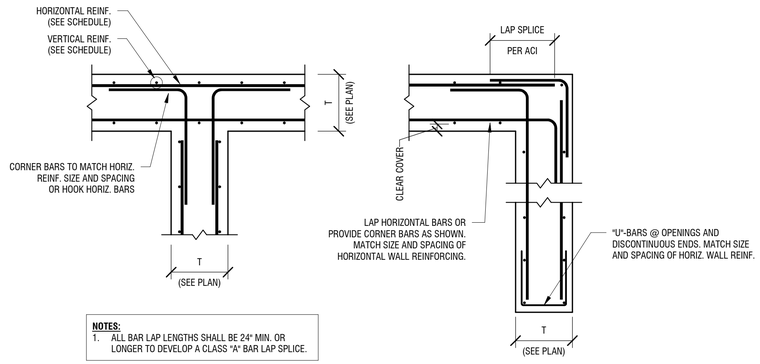
NYSEG AVANGRID — GAS DIVISION: OLEAN

TITLE: BUFFALO ST GATE STATION
FOUNDATION & SLAB PLANS
WO #: 6200794171
QUAD/MAP #: 24691.82

SHEET #: 16/26

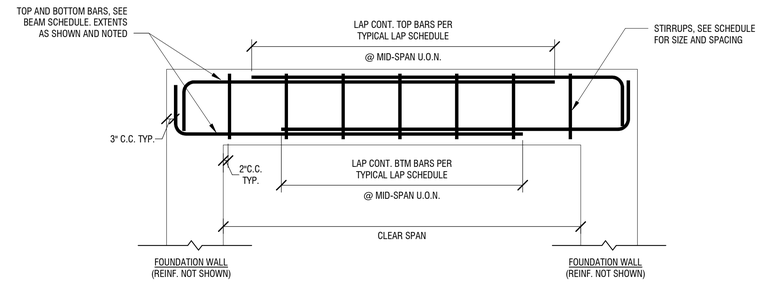


5 SH 17 TYPICAL FOUNDATION DRAIN
NOT TO SCALE

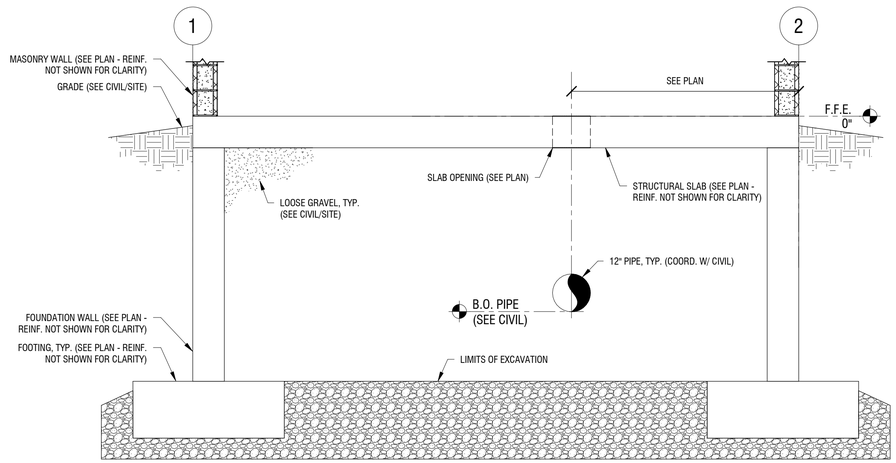


NOTES:
1. ALL BAR LAP LENGTHS SHALL BE 24" MIN. OR LONGER TO DEVELOP A CLASS "A" BAR LAP SPLICE.

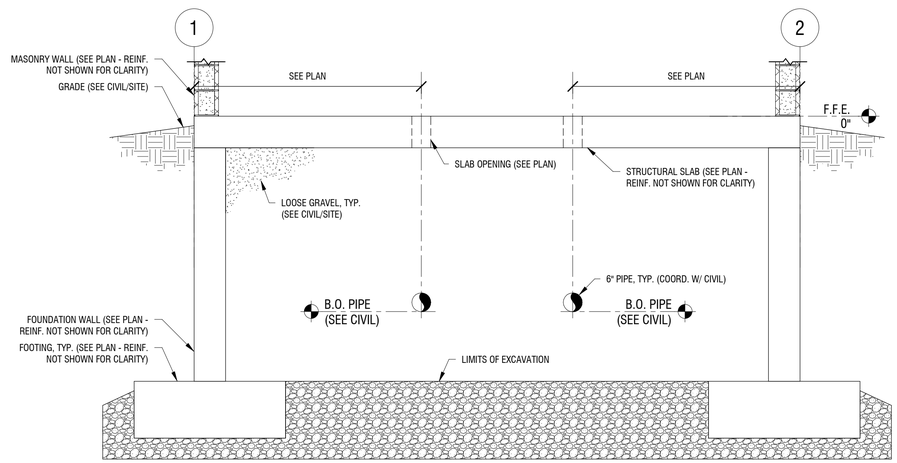
4 SH 17 TYPICAL CONCRETE WALL AT INTERSECTION
NOT TO SCALE



3 SH 17 TYPICAL CONCRETE GRADE BEAM
NOT TO SCALE



2 SH 17 LIMITS OF EXCAVATION
1/2" = 1'-0"

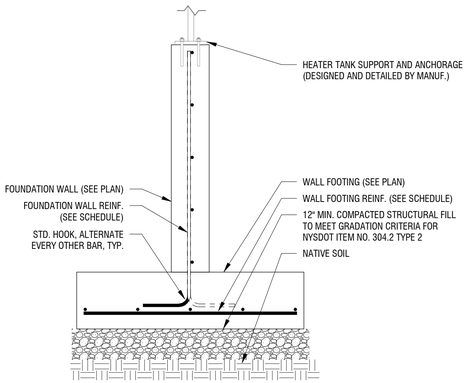


1 SH 17 LIMITS OF EXCAVATION
1/2" = 1'-0"

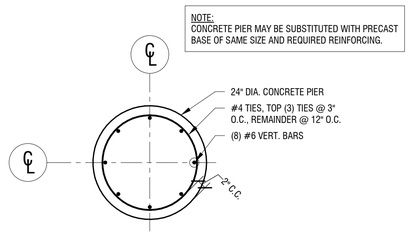
ANSI D CADD Drawing, DO NOT REVISE MANUALLY.

ENGINEERING CONTRACTOR	DRAWING STATUS		DATE:	DESIGNER: RPY	NYSEG AVANGRID — GAS DIVISION: OLEAN
LaBella Powered by partnership.	X	PRELIMINARY	10/15/2024	DRAWN BY: RPY	
	X	ISSUED FOR CONSTRUCTION	6/3/2025	REV. / DATE / DESCRIPTION: 2 — 12/10/2024 — NYSEG Project Drawing Updates; 3 — 6/3/2025 — IFC SET OF DRAWINGS	TITLE: BUFFALO ST GATE STATION
		AS-BUILT			FOUNDATION SECTIONS
PROJECT #: 2220157.017				SCALE: As indicated — PAPER SIZE: 22 X 34	WO #: 6200794171
					QUAD/MAP #: 24691.82

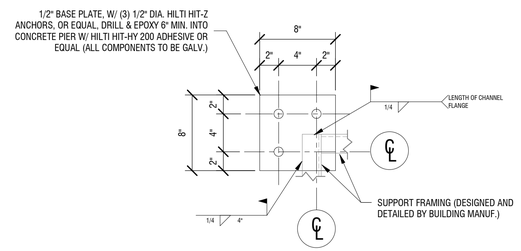
SHEET #: 17/26



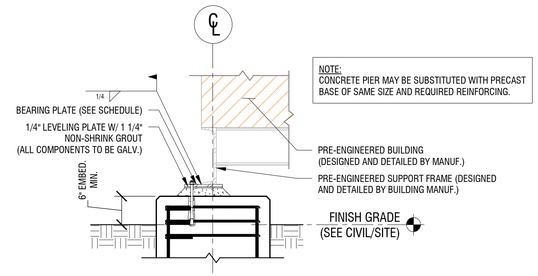
7 SH 18 FOUNDATION SECTION
3/4" = 1'-0"



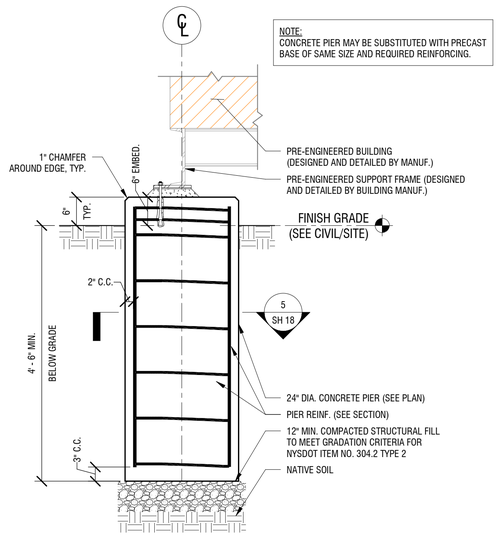
5 SH 18 FOUNDATION SECTION
3/4" = 1'-0"



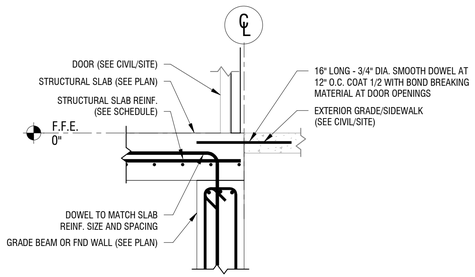
4 SH 18 TYPICAL BASEPLATE BP1
1 1/2" = 1'-0"



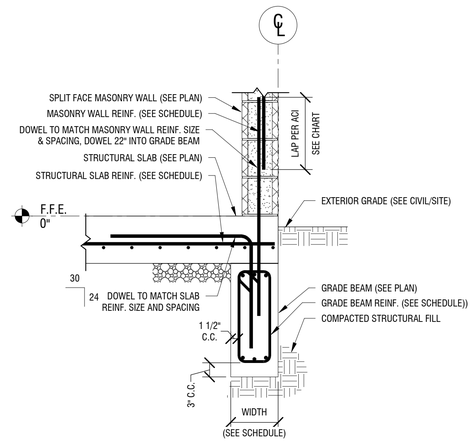
3 SH 18 FOUNDATION SECTION
3/4" = 1'-0"



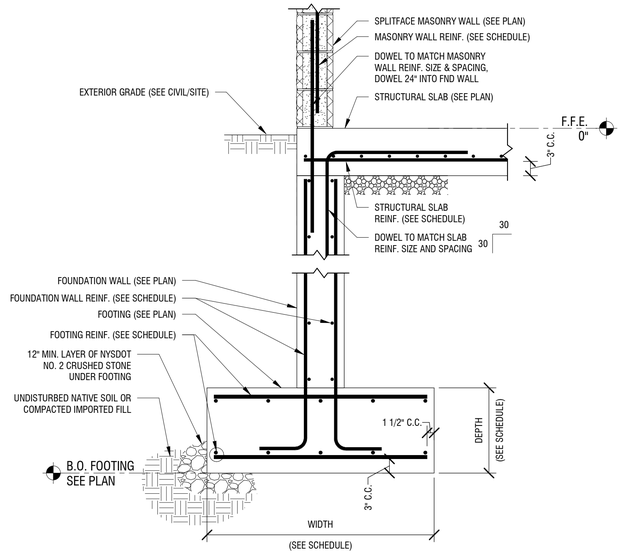
2 SH 18 FOUNDATION SECTION
3/4" = 1'-0"



8 SH 18 FOUNDATION SECTION
3/4" = 1'-0"



6 SH 18 FOUNDATION SECTION
3/4" = 1'-0"



1 SH 18 FOUNDATION SECTION
3/4" = 1'-0"

ANSI D CADD Drawing. DO NOT REVISE MANUALLY.

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PROJECT #: 2220157.017				3 / 6/3/2025 / IFC SET OF DRAWINGS
				SCALE: As indicated — PAPER SIZE: 22 X 34

NYSEG AVANGRID — GAS DIVISION: OLEAN

TITLE: BUFFALO ST GATE STATION
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