# APPENDIX F

# DRAFT STORMWATER POLLUTION PREVENTION PLAN;

# NELSON, POPE AND VOORHIS

# PSEG Long Island
# Bridgehampton to Buell (BTB)
# New 69kV Underground Transmission Cable

# Stormwater Pollution Prevention Plan

**in support of the**

**NOTICE OF INTENT**

**for Coverage Under the**

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**
**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION GENERAL PERMIT FOR STORM WATER DISCHARGES**
**FROM CONSTRUCTION ACTIVITY (GP-0-20-001)**


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**February 2022**

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# 1.0 PROJECT DESCRIPTION

## 1.1 Project Scope

Nelson & Pope/Nelson, Pope & Voorhis was retained by PSEG Long Island (PSEG LI) to obtain coverage under the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity (GP-0-20-001) for the proposed installation of a new underground 69 kilovolt (kV) transmission cable from the Bridgehampton Substation located on Bridgehampton-Sag Harbor Turnpike in the Town of Southampton to the Buell Substation located on Cove Hollow Road in the Town of East Hampton ("BTB Circuit"), which is approximately 5.2 miles long (see **Figure 1a**, **Appendix F** and the **BTB Underground Transmission Circuit Plans, Attachment 1**). The new underground cable is designed to be installed below grade beneath the existing Long Island Power Authority (LIPA) owned and/or controlled overhead right-of-way (ROW). In addition to the proposed underground cable, fourteen manholes will be installed along the project route. Existing overhead circuits are currently located within the ROW and will remain upon completion of the project.

Approximately 3,450 linear feet of the cable extending east from the Bridgehampton Substation, passing beneath the Long Pond Greenbelt, to the west side of Widow Gavits Road will be installed via horizontal directional drill (HDD). Due to the sensitivity of the habitat within the Long Pond Greenbelt, disturbance within this area will be limited to the maximum extent practicable. Although a single manhole will be installed within the Long Pond Greenbelt, it will be located within the previously disturbed area. In addition to the HDD beneath the Long Pond Greenbelt, approximately 845 linear feet of the cable, located west of Cove Hollow Road and beneath the LIRR will also be installed via HDD. The remaining 23,415 linear feet of cable installation will be installed via trenching. One manhole is proposed to be installed at the Bridgehampton Substation and twelve manholes will be installed along the portion of the cable to be trenched with the distance between manholes varying from approximately 1,600 feet to 2,500 feet.

To facilitate the temporary use of HDD equipment and conduit laydown during construction, a 0.9 acre area within the ROW north of the existing Bridgehampton Substation will be cleared; a 0.36 acre portion of the cleared area will also require grading to facilitate construction. The HDD conduit laydown area, which is necessary to provide adequate space to fuse the conduit together will extend approximately 1,600 feet west of the HDD entry pit located north of the Bridgehampton Substation (see **BTB Civil Site Layout Plan, Attachment 2**). No ground disturbance for laydown activities is required, however timber mats will be installed across the southern portion of the wetlands that crosses this area to prevent damage to this habitat.

Portions of the Proposed Action route will require stabilization in order to allow machinery access for construction. Stabilization may include grading or excavation of existing soils and

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temporary placement of Recycled Concrete Aggregate (RCA). A 15.84 acre area will be cleared and graded to accommodate the proposed access roadway and an additional 1.25 acres will be disturbed to accommodate the installation of the proposed underground cable and manholes. The access roadway will be located along the entirety of the route between Widow Gavits Road and the Buell Substation, totaling approximately 4.8 miles in length. The width of the access road varies but will be a minimum of 15 feet wide and no greater than 30 feet wide at any location. Areas where the HDD equipment will be set up will require a greater area for stabilization, which will interconnect with the access road. The access road and areas of stabilization for HDD activities are depicted on the **Construction Plans**, **Attachment 3.** The remainder of the area to be cleared is comprised of the area encompassed by the trench for the conduit, which will be four feet in width, and the areas excavated for the installation of the manholes, which vary but are approximately 50 feet by 200 feet in size. Timber matting will be utilized for the installation of the manhole within the Long Pond Greenbelt. Additionally, timber matting will be utilized to protect a small portion of the wetland located west of the Bridgehampton Substation during laydown activities. In total, 17.99 acres of clearing and grading are required during construction activities. Upon completion of construction, all disturbed areas will be restored in kind (vegetated areas will be restored with a mix of appropriate native species).

A location map is provided by **Figure 1a (see Appendix F),** and aerial photographs depicting the approximate locations of the proposed improvements are provided by **Figures 1b-1h (see Appendix F)**.

The installation of the underground cable and manholes, clearing and grading, and machine access is anticipated to result in disturbance of approximately 17.99 acres. (**See Attachment 4, Erosion Control Plans).**

**Table 1** summarizes the land coverages for the existing conditions and proposed post-construction conditions for the site.

**TABLE 1: Site Characteristics**

| Land Use or Cover Type | Proposed Disturbance Area (Existing Conditions) (acres) | Proposed Disturbance Area (Proposed Conditions) (acres) |
|---|---|---|
| Roads, Buildings, and other paved or impervious surfaces | 0.44 | 0.44 |
| Forested | 1.35 | 1.35 |
| Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural) | 10.88 | 10.88 |
| Wetlands | 0 | 0 |

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| | | |
|---|---|---|
| Non-vegetated (bare rock, earth or fill) | 5.33 | 5.33 |
| **Total** | **17.99** | **17.99** |

This type of project (underground linear utility) is listed in **Table 1** of the Construction General Permit (GP-0-20-001). Therefore, post-construction water quality and water quantity controls are not required for this SWPPP. It is anticipated that project construction will take approximately 18 months to complete.

### 1.2 Location & Land Use

The project involves the installation of a new underground 69 kilovolt (kV) transmission cable from the Bridgehampton Substation located on Bridgehampton-Sag Harbor Turnpike in the Town of Southampton to the Buell Substation located on Cove Hollow Road in the Town of East Hampton (approximately 5.2 miles, see **Figure 1a, Appendix F**). Land uses adjacent to the project route consist of wetlands, open space, residential, and commercial uses.

The disturbance area is located within an archeologically sensitive area according to the New York State Office of Parks, Recreation & Historic Preservation (OPRHP). A consultation request was submitted to OPRHP for evaluating the potential impact from the proposed project on archaeological and/or historic resources within the project area. A response was issued by the OPRHP (21PR02348) on October 25, 2021, stating that the proposed project will have no impact on archaeological and/or historic resources listed in or eligible for the New York State National Register of Historic Places. A copy of the OPRHP's Letter of No Impact is included as **Appendix E**

## 2.0 EXISTING CONDITIONS ANALYSIS

The following sections provide an overview of the existing site conditions, including soils, topography, stormwater runoff characteristics and receiving water bodies.

### 2.1 Soil Characteristics and Topography

As illustrated in **Attachment 3, Construction Plans,** land elevations in the project site generally slope downward in a west-to-east direction. The overall topography of the proposed cable route can be described as having pronounced undulations, particularly in the westerly portion of the route, while the proposed conduit laydown area to the west of Bridgehampton Substation has less topographic relief. Land elevations in the project site range from a low of 14± feet above mean sea level ("amsl") in the wetland area to the south of Long Pond (in the vicinity of Station 3400) to a high point of more than 130 feet amsl at multiple locations, including the area of the proposed cable route between Sagg Road and Northwest Path (in the

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vicinity of Station 6000) and again between Town Line Road and Wainscott Northwest Road (in the vicinity of Station 11000) within the cable route, as well as the westernmost end of the conduit laydown area.

Within the proposed cable route, proceeding eastward from its westerly terminus, there is a steady drop in elevation within the segment proposed for HDD installation between Bridgehampton Substation and the low point to the south of Long Pond (in the vicinity of Station 2200, with elevation 20± feet amsl). Continuing to the east, topography undulates generally in the elevation range of 15± to 40± feet amsl, to the termination of the HDD segment to the east of Widow Gavits Road (in the vicinity of Station 4700). The ground elevation generally rises thereafter in an eastward direction, with some undulations, in the section proposed for trenching installation, to the vicinity of Station 5900 (at elevation 130± amsl); and then goes through a series of pronounced hills ranging between 95± and 130± feet amsl to the vicinity Town Line Road (Station 9600±). Continuing eastward, the topography flattens to a series of more gentle slopes to the vicinity of Station 11700 between elevations 110± and 130± feet amsl; and then the elevation steeply rises from 100± to 130± feet amsl (in the vicinity of Station 11900), and then decreases steadily to 70± feet amsl at Station 12800, rises again to 100± feet amsl at Station 13100±, and then decreases gradually below 25 feet amsl in the vicinity of Station 14200 just to the west of Wainscott Northwest Road. Thereafter, continuing eastward, the topography is gently rolling, with elevations remaining in the range of 20 to 50 feet amsl, to the easterly terminus of the route at Buell Substation.

The topography of the proposed 1,600±-linear foot conduit laydown area slopes gradually downward, with slight undulations, from a high of more than 130 feet amsl at its westerly end to a low of approximately 100 feet amsl in the area of Bridgehampton Substation. Both substations are situated on essentially level ground, with Bridgehampton Substation at an elevation of 102 feet amsl and Buell Substation at 44 feet amsl. Additionally, both substations include areas of sloping land, situated in the northerly portion of Bridgehampton Substation and the southeasterly portion of Buell Substation. **(See Attachment 2, Erosion and Sediment Control Plans**)

The NRCS Soil Survey Suffolk County is a useful source of soil information that identifies soil types resulting from natural deposition and modification, as well as human-induced alterations associated with land use. A summary of the soils found in the project disturbance area is provided in **Table 2**. **(See Appendix F, Soils Figures 3-1a to 3-1m).**

**Table 2**
**SOILS**

| Soil Type | Acres | Percentage of Proposed Action Area |
|---|---|---|
| Bridgehampton silt loam, 0-2 % slopes (BgA) | 0.52± | 1.23±% |

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| Soil Type | Acres | Percentage of Proposed Action Area |
|---|---|---|
| Carver and Plymouth sands, 0-3 % slopes (CpA) | 2.58± | 6.08±% |
| Carver and Plymouth sands, 3-15 % slopes (CpC) | 18.75± | 44.23±% |
| Carver and Plymouth sands, 15-35 % slopes (CpE) | 5.66± | 13.36±% |
| Cut and fill land, gently sloping (CuB) | 0.77± | 1.81±% |
| Haven loam, 0-2 % slopes (HaA) | 0.62± | 1.47±% |
| Made land (Ma) | 0.74± | 1.76±% |
| Plymouth loamy sand, 0-3 % slopes (PIA) | 5.24± | 12.37±% |
| Plymouth loamy sand, 3-8 % slopes (PIB) | 1.52± | 3.58±% |
| Plymouth loamy sand, silty substratum, 0-3 % slopes (PsA) | 1.79± | 4.22±% |
| Plymouth loamy sand, silty substratum, 3-8 % slopes (PsB) | 0.25± | 0.60±% |
| Riverhead sandy loam, 0-3 % slopes (RdA) | 3.62± | 8.55±% |
| Swansea muck, 0-1 % slopes, Coastal lowland (PsA) | 0.32± | 0.75±% |
| Total | 42.38± | 100.00% |

The following descriptions of the soil types found in the proposed project site are based on information in the Soil Survey:

***Bridgehampton silt loam, 0-2 % slopes (BgA)*** – This gently sloping soil is on outwash plains on large, moderately undulating areas or on side hills between broad flats and intermittent drainageways. The hazard of erosion is moderate for this Bridgehampton soil.

***Carver and Plymouth sands, 0-3 % slopes (CpA)*** – These soils are mainly on outwash plains; however, they are also on some flatter hilltops and intervening draws on moraines. A small part of this mapping unit is slightly undulating. . The hazard of erosion is slight on the soils in this unit.

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***Carver and Plymouth sands, 3-15 % slopes (CpC)*** – These soils are mainly on rolling moraines; however, they are also on the side slopes of many drainage channels on the outwash plains. The hazard of erosion is slight to moderate on the soils in this unit. .

***Carver and Plymouth sands, 15-35 % slopes (CpE)*** – These soils are almost exclusively on moraines, except for a few steep areas on side slopes along some of the more deeply cut drainage channels on outwash plains. . The hazard of erosion is moderate to severe for the soils in this unit.

***Cut and fill land, gently sloping (CuB)*** – This series is comprised of areas that have been cut and filled for nonfarm uses. The areas generally are large, but some areas are about five (5) acres in size. This soil type is comprised of moderately sloping areas that have been graded for building sites. Slopes range from 1 to 8 percent.

***Haven loam, 0-2 % slopes (HaA)*** – This is mostly nearly level and generally is on outwash plains. The hazard of erosion is slight on this Haven soil.

***Made land (Ma)*** – Made land comprises areas that are mostly covered with pieces of concrete, bricks, trash, wire, metal, and other non-soil material.

***Plymouth loamy sand, 0-3 % slopes (PIA)*** – This soil is mainly on outwash plains south of the Ronkonkoma moraine. It is also on flat hilltops and in drainageways on morainic deposits. The areas generally are nearly level, but they are somewhat undulating in some places. The hazard of erosion is slight for this Plymouth soil.

***Plymouth loamy sand, 3-8 % slopes (PIB)*** – This soil is on moraines and outwash plains. Slopes are undulating, or they are single along the sides of intermittent drainageways. The hazard of erosion is slight on this Plymouth soil.

***Plymouth loamy sand, silty substratum, 0-3 % slopes (PsA)*** – This nearly level Plymouth soil is almost exclusively on outwash plains between Sagaponack and East Hampton. The hazard of erosion is slight for this Plymouth soil.

***Plymouth loamy sand, silty substratum, 3-8 % slopes (PsB)*** – This soil is on outwash plains between Sagaponack and East Hampton, and along shallow drainageways. Slopes are undulating in many places. The hazard of erosion is slight in this Plymouth soil.

***Riverhead sandy loam, 0-3 % slopes (RdA)*** – This soil is on outwash plains, and the areas are large and uniform. Where this soil occurs on outwash plains, it generally has slope characteristics of this landform. The hazard of erosion is slight for this Riverhead soil.

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***Swansea muck, 0-1 % slopes, coastal lowland (SwA)*** – Muck consists of very poorly drained organic soils that formed in partly decomposed or almost completely decomposed woody or herbaceous plants. The areas generally are nearly level and occur in the bottom of closed depressions or kettle holes and along a few of the larger streams.

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## 2.3 Existing Stormwater Runoff Characteristics & Receiving Water(s)

Freshwater wetlands and surface waters associated with Long Pond are present within the segment of the proposed underground transmission cable route immediately to the east of Bridgehampton Substation and west of Widow Gavits Road. A second area of freshwater wetlands and surface waters associated with the Great Swamp wetland complex is present to the west of Bridgehampton Substation within the temporary conduit laydown area.

Two wetland areas in the project's vicinity are separated from one another by Bridgehampton-Sag Harbor Turnpike. One of these ponds is located within the ROW approximately 840 feet east of Bridgehampton-Sag Harbor Turnpike, immediately to the east of Bridgehampton Substation; and the second pond is located approximately 1,300 feet to the west of Bridgehampton Substation within the temporary conduit laydown area. **Figure 2 in Appendix F** depicts all NYSDEC and National Wetland Inventory (NWI) freshwater wetlands within the vicinity of the Proposed Action Area.

Three areas of surface waters and freshwaters wetlands within the Long Pond Greenbelt directly intersect the project site. The underground cable will be installed beneath these surface waters via HDD. The proposed project also includes construction staging in a 0.9±-acre area in the northern portion of the Bridgehampton Substation parcel. To facilitate the temporary use of HDD equipment and conduit laydown during construction at the Bridgehampton Substation, a 0.36 acre portion of the cleared area will also require grading to facilitate construction. Of the clearing and grading described above, approximately 0.31 acres of clearing and 0.11 acres of grading are within 535 feet of the pond located to the west of the Bridgehampton Substation.

The majority of the proposed project site is maintained utility ROW consisting of successional growth vegetation resulting from mowing and tree trimming maintenance activities as well as established dirt paths. As this maintained ROW does not contain impervious surfaces, significant stormwater runoff is not generated within the ROW since runoff quickly infiltrates into the sandy soils in these areas. The wetlands and surface waters that intersect and adjoin the project site are locations where overland stormwater drainage from surrounding watersheds accumulates due to topography and the poor infiltrative properties of the underlying soils. Impervious surfaces are present within the substation properties (Bridgehampton and Buell),which include the access driveways and limited foundations within the substations for various equipment. While these substations do not contain drainage infrastructure (e.g., catch basins, leaching pools, etc.), the substations are stabilized with a granular substrate (dolomite) which allows for stormwater infiltration within the void spaces of the dolomite and within the well-drained soils underlying the dolomite. The proposed project also involves limited trenching across five roadways including Sagg Road, Wainscott Northwest Road, Stephen Hands Path, Buckskill Road and Cove Hollow Road. These roads are all two-lane roadways without formal curbing or existing stormwater infrastructure in proximity to the project site.

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# 3.0 PROPOSED CONSTRUCTION PLAN

## 3.1 Description of Proposed Construction Activities

As described in Section 1, the proposed construction activities involve the installation of a new underground 69 kilovolt (kV) transmission cable from the Bridgehampton Substation located on Bridgehampton-Sag Harbor Turnpike in the Town of Southampton to the Buell Substation located on Cove Hollow Road in the Town of East Hampton (approximately 5.2 miles). The new underground cable is designed to be installed below grade beneath the existing Long Island Power Authority (LIPA) owned and/or controlled overhead right-of-way (ROW). In addition to the proposed underground cable, fourteen manholes will be installed along the project route. Existing overhead circuits are currently located within the ROW and will remain upon completion of the project.

Approximately 3,450 linear feet of the cable extending east from the Bridgehampton Substation, passing beneath the Long Pond Greenbelt, to the west side of Widow Gavits Road will be installed via horizontal directional drill (HDD). Due to the sensitivity of the habitat within the Long Pond Greenbelt, disturbance within this area will be limited to the maximum extent practicable. Although a single manhole will be installed within the Long Pond Greenbelt, it will be located within the previously disturbed area. In addition to the HDD beneath the Long Pond Greenbelt, approximately 845 linear feet of the cable, located west of Cove Hollow Road and beneath the LIRR will also be installed via HDD. The remaining 23,415 linear feet of cable installation will be installed via trenching. Thirteen manholes will be installed along the portion of the cable to be trenched with the distance between manholes varying from approximately 1,600 feet to 2,500 feet.

To facilitate the temporary use of HDD equipment and conduit laydown during construction, a 0.9 acre area within the ROW north of the existing Bridgehampton Substation will be cleared; a 0.36 acre portion of the cleared area will also require grading to facilitate construction. Additionally, portions of the Proposed Action route will require stabilization in order to allow machinery access for construction. Stabilization may include grading or excavation of existing soils and temporary placement of Recycled Concrete Aggregate (RCA). Timber matting will be utilized for the installation of the manhole within the Long Pond Greenbelt. Additionally, timber matting will be utilized to protect a small portion of the wetland located west of the Bridgehampton Substation during laydown activities.

A location map is provided by **Figure 1a (see Appendix F),** and aerial photographs depicting the approximate locations of the proposed improvements are provided by **Figures 1b-1h (see Appendix F).**

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The installation of the underground cable and manholes, clearing and grading, and machine access is anticipated to result in disturbance of approximately 17.99 acres. (See **Appendix F, Figures 1a-1h and Attachment 2, Construction Plans).**

## 3.2 Temporary Erosion and Sediment Controls

A variety of temporary erosion and sediment controls are proposed to ensure soil stabilization and protection of exposed areas for the duration of the construction period in accordance with NYSDEC requirements. (Please see **Attachment 4 Erosion and Sediment Control Plans**). These measures include the use of silt fencing along the down slope contour of disturbance areas to minimize/prevent sediment from washing into adjacent streets and properties. Inlet protection will be utilized around drainage inlets to prevent sedimentation. Temporary staging areas may be necessary in the utility right of ways, substations, and as determined necessary in the field. A dust control and watering plan has also been prepared and is included on the Erosion Control Plan, which includes specifications for temporary stabilization practices (see Dust Control Notes, **Attachment 4, Erosion Control Plans**). The proposed locations, sizes, and lengths of each of the temporary erosion and sediment control practices planned during site construction activities are provided on the Erosion Control Plans. The dimensions, material specifications, and installation details for all erosion and sediment control practices are also provided on the Erosion Control Plans. All erosion and sediment control practices will be installed and maintained in accordance with the NYSDEC State Standards and Specifications for Erosion and Sediment Control (Blue Book), November 2016 version.

## 3.3 Schedule of Operations

The following elements constitute the major work included in this project:

Construction Schedule:

1. Installation of all erosion control measures to ensure on-site containment of all sediments and run-off, maintain daily.
2. Installation of erosion and dust control measures as per the plans and as conditions warrant and/or as directed by the inspector. Install inlet protection in accordance with the plans.
3. Grading and clearing to establish stabilized area at the Bridgehampton substation for the drill and HDD laydown area.
4. Construction of the construction of the temporary construction access road and manhole installations. Utilize timber matting in specified locations per the plans.
5. Daily control of debris and dust. Water as necessary or as directed by inspector.

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6. Trenching, directional drilling of cable and pulling of cable along the route. Stockpile topsoil in designated areas and protect or seed as necessary to prevent exposure to erosive elements.
7. Reestablish previously existing grades within disturbance area and seed and/or restore disturbed areas.
8. Remove all temporary erosion control measures following site stabilization.

## 3.4 Inspection and Restoration Requirements

*Inspection Requirements*
Pursuant to Part IV of the General Permit, the owner or operator must ensure that all erosion and sediment control practices (including pollution prevention measures) identified in the SWPPP are inspected and maintained in accordance with Part IV.B and C of the General Permit. Additionally, PSEG LI will have a trained contractor inspect the erosion and sediment control practices and pollution prevention measures being implemented within the active work area daily to ensure that they are being maintained in effective operating condition at all times. If deficiencies are identified, the contractor shall begin implementing corrective actions within one business day and shall complete the corrective actions in a reasonable time frame (**NYSDEC, 2020**) (**see Appendix C-1).**

*Qualified Inspector Weekly Inspections*
Pursuant to Part IV of the General Permit, for construction sites greater than 5 acres where soil disturbance activities are ongoing, the qualified inspector shall conduct at least two (2) site inspections every seven (7) calendar days, for as long as greater than five (5) acres of soil remain disturbed. The two (2) inspections shall be separated by a minimum of two (2) full calendar days.

At a minimum, the qualified inspector shall inspect all erosion and sediment control practices and pollution prevention measures to ensure integrity and effectiveness, and to ensure that they are constructed in conformance with the SWPPP. All areas of disturbance that have not achieved final stabilization, all points of potential discharge to natural surface waterbodies located in the vicinity of the disturbance area boundaries, and all points of discharge from the construction area. The qualified inspector shall prepare an inspection report (as per General Permit Part IV.C.4) subsequent to each and every inspection. Within one business day of the completion of an inspection, the qualified inspector shall notify the owner or operator and appropriate contractor or subcontractor of any corrective actions that need to be taken. The contractor or subcontractor shall begin implementing the corrective actions within one business day of this notification and shall complete the corrective actions in a reasonable time frame. All inspection reports shall be signed by the qualified inspector. The inspection reports (see **Appendix D)** shall be maintained on site with the SWPPP.

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*Temporary Maintenance Measures:*

Maintenance of all temporary erosion and sediment control measures will be performed on an as needed basis to ensure effectiveness. Recommendations for erosion control measures include the following:

1. Remove sediment from silt fencing when sediment becomes 0.5 ft. deep at the fence;
2. Clean (or replace) inlet protection when storage capacity is 50% filled;
3. Monitor and replace silt fence as necessary to ensure integrity of fencing.
4. Temporary stabilization seeding (or mulch/approved equal in winter conditions) should be applied to any area to remain inactive for 14 days or more (application rates as noted by the Dust Control Notes). Soil stockpiles should be seeded and protected by silt fencing on the down slope side.
5. Stabilized areas (seed, mulch or approved equal) should be inspected to ensure adequate density of vegetative cover/application of stabilization material. Areas shall be reseeded or supplemented with mulch (based on season) as necessary to achieve adequate cover (per details below).

*Stabilization and Restoration Requirements*

- At the completion of the excavation and backfilling work, the contractor shall restore all areas disturbed by their construction back to an acceptable condition as per PSEG LI requirements.
- Grass areas shall receive a 4-inch layer of topsoil and an application of hydroseed.
- Topsoil material shall be the naturally occurring surface layer of soil and shall be free from refuse, recycled or man-made materials, any material toxic to plant growth, subsoil, woody vegetation, and stumps, roots, brush, stones, clay lumps or similar objects larger than two inches in greatest dimension.
- Seed fertilizer and mulch (hydroseed) for grass areas shall be applied in a single operation in which the materials are mixed with water and kept in an agitated state in order that the materials are uniformly suspended in water and evenly distributed during spraying (hydroseeding). Hydroseed shall be evenly distributed over the areas to be seeded. It shall be applied with a minimum rate of water of 500 gallons per acre.
- The hydroseed material types and quantities shall be as follows:

| **Seed Name** | **Lbs. of Seed/Acre** |
|---|---|
| Red Fescue | 50 lbs. |
| Perennial Rye | 30 lbs. |
| White Clover | 5 lbs. |

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**Fertilizer**:10-6-4 (50% N/UF) at a rate of 800 lbs./acre
**Mulch**: Wood fiber mulch at a rate of 2 tons/ acre

- The Contractor shall restore curbs, paving, driveway aprons, sidewalks, grassed areas, and shrubbery to applicable Code requirements.
- The contractor shall grade, hydroseed, and fertilize all grassed areas attempting to blend in the restored area with the adjacent undisturbed area.

## 3.6 Description of Materials Stored On-site/Spill Prevention

Construction materials and equipment that are required to be temporarily stored on the project site should be stored in designated areas only. Designated areas will be determined prior to the start of construction once a contractor is selected. Such materials will include machinery for construction activities, granular fill material, stockpiled soil, and temporary storage of materials as necessary. Silt fence and/or anchored tarps are recommended to completely enclose areas prior to the close of daily operations on the construction site (and during rain/snow events) to prevent the travel of materials of the designed stockpile areas. Fuels, lubricants and coolants, etc. may be necessary for operation of construction equipment. Such materials must be covered and contained within waste fluid containers in leak proof condition and with secondary containment. Storage containers should be regularly inspected for leaks, corrosion, support or foundation failure, or any other signs of deterioration and tested for soundness. The General Contractor shall maintain Material Safety Data Sheets (MSDS) for each substance with hazardous properties that are used on the job site. Each employee who handles hazardous substances shall be instructed on the use of the MSDS sheets and safety measures/spill control techniques associated with use of the product. Materials are anticipated to be inert and are not expected to have an adverse impact on groundwater quality at the site. Covered dumpsters will be utilized for waste materials. Sanitary waste will be collected from portable units as necessary. It will be the responsibility of the site contractor to ensure the equipment and materials stored onsite are protected as necessary to prevent accidental spills.

If a release containing a hazardous substance or oil in an amount equal to or exceeding the reportable quantities pursuant to 40 CFR110, 40 CFR117, 40 CFR302 or 6NYCRR Part 611 occurs, the site operator must:

1. Take all measures to contain the spill and prevent any discharge to stormwater or groundwater on or off-site.
2. Contact the Project Manager/site owner/operator immediately.
3. Immediately notify the LIPA Electric System Operator: (516) 545-4007 (night and day) and the PSEG Long Island's Environmental Compliance Beeper: (516) 824-2485.

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4. Notice must be provided to the NYSDEC Spill Response Unit (1-800-457-7362) or the National Response Center (1-800-424-8802) in accordance with the applicable regulations (noted above) as soon as site staff has knowledge of a reportable release.
5. Mitigation measures to prevent future spill incidents should be employed and the SWPPP modified accordingly.

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## 3.7 Pollution Prevention Plan

Pollution control measures are designed to contain sediment, debris, and pollutants from traveling off site by utilizing sediment barriers and sound construction practices. All sediment spilled, dropped, washed, or tracked onto public rights-of-way should be removed daily. Debris removal and control, and sweeping of adjacent streets, walks, and pavement of site-generated debris is recommended to ensure site cleanliness and reduce possible sediment transport as a result of runoff. The site contractor will be responsible for ensuring storage and stockpiling of construction materials and supplies will be in designated areas and erosion control measures are implemented to prevent/reduce wind-blown dust and erosion from rainwater. The site operator will be responsible for securing an approved carter to empty the site dumpster and haul waste from the site to an approved location for disposal. Washing of vehicles will be done only when necessary and in areas stabilized by stone and which drain into an approved sediment-trapping device. Containment and proper disposal will be provided for with respect to the cleanout of form release oils, curing compounds and other construction materials. Chemicals, paints, solvents, and other toxic material must be stored in waterproof containers. Except during application, the contents must be kept within storage facilities. Runoff containing such material must be collected, removed from the site, treated, and disposed of at an approved solid waste or chemical disposal facility. Construction vehicles will not be refueled on site and will be checked regularly to minimize the possibility of petrochemicals leaking into soils.

## 3.8 Implementation Responsibilities/Notice of Termination

PSEG LI will retain a general contractor that will be responsible for all construction activities, site grading, and installation of the erosion and sediment controls. Once a contractor is retained, signed certification statements (**see Appendix B)** from the site contractor (and subcontractors if applicable) involved with construction activity are required as per Part III.A.5 of the General Permit (**NYSDEC, 2020) (See Appendix C-1.)**

PSEG LI is required to submit a Notice of Termination (NOT) form to NYSDEC in order to terminate permit coverage upon the completion of construction. A blank Notice of Termination form is provided in **Appendix C-2.**

## 3.9 Post Construction Stormwater Analysis

This type of project (underground linear utility) is listed in Table 1 of the Construction General Permit (GP-0-20-001). Therefore, post-construction water quality and water quantity controls are not required for this SWPPP.

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## 4.0 REFERENCES

Environmental Protection Agency (EPA), 2002. Construction Site Storm Water Runoff Control Menu of BMP Fact Sheets, URL:http://cfpub.epa.gov/npdes/stormwater/menuofbmps/site_27.cfm.

NYSDEC (New York State Department of Environmental Conservation), 2020, SPDES General Permit For Stormwater Discharges from Construction Activities, Permit No. GP-0-20-001. New York.

New York State Department of Environmental Conservation and the Center for Watershed Protection, 2015, New York State Stormwater Management Design Manual, Albany, New York.

New York State Department of Environmental Conservation Division of Water, 2016, New York State Standards and Specifications for Erosion and Sediment Control, Albany, New York.

Soil and Water Conservation Society (Empire State Chapter) 1997, Guidelines for Urban Erosion & Sediment Control, Forth Printing, Albany, New York.

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at http://websoilsurvey.nrcs.usda.gov/.

The Dewberry Companies, 2002, Land Development Handbook / Planning, Engineering, and Surveying, McGraw-Hill, New York, New York.

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# APPENDIX A

## NOTICE OF INTENT (NOI)
## SUBMITTED FOR COVERAGE UNDER THE
## DEC SPDES PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY
## (GP-0-20-001)

0644089821

# NOTICE OF INTENT

**New York State Department of Environmental Conservation**
**Division of Water**
**625 Broadway, 4th Floor**
**Albany, New York 12233-3505**

NYR ☐☐☐☐☐☐
(for DEC use only)

**Stormwater Discharges Associated with Construction Activity Under State Pollutant Discharge Elimination System (SPDES) General Permit # GP-0-20-001**

**All sections must be completed unless otherwise noted**. Failure to complete all items may result in this form being returned to you, thereby delaying your coverage under this General Permit. Applicants must read and understand the conditions of the permit and prepare a Stormwater Pollution Prevention Plan prior to submitting this NOI. Applicants are responsible for identifying and obtaining other DEC permits that may be required.

## -IMPORTANT-
## RETURN THIS FORM TO THE ADDRESS ABOVE

**OWNER/OPERATOR MUST SIGN FORM**

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### Owner/Operator Information

Owner/Operator (Company Name/Private Owner Name/Municipality Name)
PSEG Long Island as Agent for LIPA

Owner/Operator Contact Person Last Name (NOT CONSULTANT)
Emouna

Owner/Operator Contact Person First Name
Hannah

Owner/Operator Mailing Address
175 East Old Country Road

City
Hicksville

State: NY  Zip: 11801-

Phone (Owner/Operator): 516 349 4654  Fax (Owner/Operator): ☐☐☐-☐☐☐-☐☐☐☐

Email (Owner/Operator)
Hannah.Emouna@pseg.com

FED TAX ID ☐☐-☐☐☐☐☐☐☐ (not required for individuals)

**Project Site Information**

Project/Site Name
PSEG LI BTB 69kV UG Transmission Cable

Street Address (NOT P.O. BOX)
Bridgehampton Sag Harbor Tpke

Side of Street
● **North** ○ **South** ○ **East** ○ **West**

City/Town/Village (THAT ISSUES BUILDING PERMIT)
Town of Southampton

State: NY
Zip: 11932-
County: suffolk
DEC Region: 1

Name of Nearest Cross Street
Montauk Highway

Distance to Nearest Cross Street (Feet)
0

Project In Relation to Cross Street
● **North** ○ **South** ○ **East** ○ **West**

Tax Map Numbers
Section-Block-Parcel

Tax Map Numbers

1. Provide the Geographic Coordinates for the project site in NYTM Units. To do this you **must** go to the NYSDEC Stormwater Interactive Map on the DEC website at:

**www.dec.ny.gov/imsmaps/stormwater/viewer.htm**

Zoom into your Project Location such that you can accurately click on the centroid of your site. Once you have located your project site, go to the tool boxes on the top and choose "i"(identify). Then click on the center of your site and a new window containing the X, Y coordinates in UTM will pop up. Transcribe these coordinates into the boxes below. For problems with the interactive map use the help function.

**X Coordinates (Easting)**: 727030

**Y Coordinates (Northing)**: 4539911776 6

2. What is the nature of this construction project?

○ **New Construction**

○ **Redevelopment with increase in impervious area**

● **Redevelopment with no increase in impervious area**

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3. Select the predominant land use for both pre and post development conditions.
**SELECT ONLY ONE CHOICE FOR EACH**

**Pre-Development Existing Land Use**

- ○ FOREST
- ○ PASTURE/OPEN LAND
- ○ CULTIVATED LAND
- ○ SINGLE FAMILY HOME
- ○ SINGLE FAMILY SUBDIVISION
- ○ TOWN HOME RESIDENTIAL
- ○ MULTIFAMILY RESIDENTIAL
- ○ INSTITUTIONAL/SCHOOL
- ○ INDUSTRIAL
- ○ COMMERCIAL
- ● ROAD/HIGHWAY
- ○ RECREATIONAL/SPORTS FIELD
- ○ BIKE PATH/TRAIL
- ○ LINEAR UTILITY
- ○ PARKING LOT
- ○ OTHER

**Post-Development Future Land Use**

- ○ SINGLE FAMILY HOME — Number of Lots
- ○ SINGLE FAMILY SUBDIVISION
- ○ TOWN HOME RESIDENTIAL
- ○ MULTIFAMILY RESIDENTIAL
- ○ INSTITUTIONAL/SCHOOL
- ○ INDUSTRIAL
- ○ COMMERCIAL
- ○ MUNICIPAL
- ● ROAD/HIGHWAY
- ○ RECREATIONAL/SPORTS FIELD
- ○ BIKE PATH/TRAIL
- ○ LINEAR UTILITY (water, sewer, gas, etc.)
- ○ PARKING LOT
- ○ CLEARING/GRADING ONLY
- ○ DEMOLITION, NO REDEVELOPMENT
- ○ WELL DRILLING ACTIVITY *(Oil, Gas, etc.)
- ○ OTHER

***Note**: for gas well drilling, non-high volume hydraulic fractured wells only

4. In accordance with the larger common plan of development or sale, enter the total project site area; the total area to be disturbed; existing impervious area to be disturbed (for redevelopment activities); and the future impervious area constructed within the disturbed area. (Round to the nearest tenth of an acre.)

| Total Site Area | Total Area To Be Disturbed | Existing Impervious Area To Be Disturbed | Future Impervious Area Within Disturbed Area |
|---|---|---|---|
| 42.4 | 17.1 | 0.4 | 0.4 |

5. Do you plan to disturb more than 5 acres of soil at any one time? ● **Yes** ○ **No**

6. Indicate the percentage of each Hydrologic Soil Group(HSG) at the site.

| A | B | C | D |
|---|---|---|---|
| 96 % | 4 % | 0 % | 0 % |

7. Is this a phased project? ○ **Yes** ● **No**

8. Enter the planned start and end dates of the disturbance activities.

**Start Date** ___ / ___ / ____ - **End Date** ___ / ___ / ____

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9. Identify the nearest surface waterbody(ies) to which construction site runoff will discharge.

Name

Wetlands associated with Long Pond and Great Swamp

9a. Type of waterbody identified in Question 9?

- (●) Wetland / State Jurisdiction On Site (Answer 9b)
- ( ) Wetland / State Jurisdiction Off Site
- ( ) Wetland / Federal Jurisdiction On Site (Answer 9b)
- ( ) Wetland / Federal Jurisdiction Off Site
- ( ) Stream / Creek On Site
- ( ) Stream / Creek Off Site
- ( ) River On Site
- ( ) River Off Site
- ( ) Lake On Site
- ( ) Lake Off Site
- ( ) Other Type On Site
- ( ) Other Type Off Site

9b. How was the wetland identified?

- ( ) Regulatory Map
- (●) Delineated by Consultant
- ( ) Delineated by Army Corps of Engineers
- ( ) Other (identify)

10. Has the surface waterbody(ies) in question 9 been identified as a 303(d) segment in Appendix E of GP-0-20-001? ( ) **Yes** (●) **No**

11. Is this project located in one of the Watersheds identified in Appendix C of GP-0-20-001? ( ) **Yes** (●) **No**

12. Is the project located in one of the watershed areas associated with AA and AA-S classified waters? ( ) **Yes** (●) **No**
**If no, skip question 13.**

13. Does this construction activity disturb land with no existing impervious cover and where the Soil Slope Phase is identified as an E or F on the USDA Soil Survey? ( ) **Yes** ( ) **No**
**If Yes, what is the acreage to be disturbed?**

14. Will the project disturb soils within a State regulated wetland or the protected 100 foot adjacent area? (●) **Yes** ( ) **No**

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15. Does the site runoff enter a separate storm sewer system (including roadside drains, swales, ditches, culverts, etc)? ○ **Yes** ● **No** ○ **Unknown**

16. What is the name of the municipality/entity that owns the separate storm sewer system?

17. Does any runoff from the site enter a sewer classified as a Combined Sewer? ○ **Yes** ● **No** ○ **Unknown**

18. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law? ○ **Yes** ● **No**

19. Is this property owned by a state authority, state agency, federal government or local government? ● **Yes** ○ **No**

20. Is this a remediation project being done under a Department approved work plan? (i.e. CERCLA, RCRA, Voluntary Cleanup Agreement, etc.) ○ **Yes** ● **No**

21. Has the required Erosion and Sediment Control component of the SWPPP been developed in conformance with the current NYS Standards and Specifications for Erosion and Sediment Control (aka Blue Book)? ● **Yes** ○ **No**

22. Does this construction activity require the development of a SWPPP that includes the post-construction stormwater management practice component (i.e. Runoff Reduction, Water Quality and Quantity Control practices/techniques)? ○ **Yes** ● **No**
**If No, skip questions 23 and 27-39.**

23. Has the post-construction stormwater management practice component of the SWPPP been developed in conformance with the current NYS Stormwater Management Design Manual? ○ **Yes** ○ **No**

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24. The Stormwater Pollution Prevention Plan (SWPPP) was prepared by:

- ● **Professional Engineer (P.E.)**
- ○ **Soil and Water Conservation District (SWCD)**
- ○ **Registered Landscape Architect (R.L.A)**
- ○ **Certified Professional in Erosion and Sediment Control (CPESC)**
- ○ **Owner/Operator**
- ○ **Other**

SWPPP Preparer
Nelson & Pope

Contact Name (Last, Space, First)
Scott, Russell

Mailing Address
70 Maxess Road

City
Melville

State
NY

Zip
11747 -

Phone
631 4275 6565

Fax
- -

Email

**SWPPP Preparer Certification**

I hereby certify that the Stormwater Pollution Prevention Plan (SWPPP) for this project has been prepared in accordance with the terms and conditions of the GP-0-20-001. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of this permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

**First Name**
Russell

**MI**

**Last Name**
Scott

**Signature**

**Date**
/ /

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25. Has a construction sequence schedule for the planned management practices been prepared? ● Yes ○ No

26. Select **all** of the erosion and sediment control practices that will be employed on the project site:

## Temporary Structural

- ○ Check Dams
- ○ Construction Road Stabilization
- ● Dust Control
- ○ Earth Dike
- ○ Level Spreader
- ○ Perimeter Dike/Swale
- ○ Pipe Slope Drain
- ○ Portable Sediment Tank
- ○ Rock Dam
- ○ Sediment Basin
- ○ Sediment Traps
- ● Silt Fence
- ○ Stabilized Construction Entrance
- ○ Storm Drain Inlet Protection
- ○ Straw/Hay Bale Dike
- ○ Temporary Access Waterway Crossing
- ○ Temporary Stormdrain Diversion
- ○ Temporary Swale
- ○ Turbidity Curtain
- ○ Water bars

## Biotechnical

- ○ Brush Matting
- ○ Wattling

## Vegetative Measures

- ○ Brush Matting
- ○ Dune Stabilization
- ○ Grassed Waterway
- ● Mulching
- ○ Protecting Vegetation
- ○ Recreation Area Improvement
- ● Seeding
- ○ Sodding
- ○ Straw/Hay Bale Dike
- ○ Streambank Protection
- ○ Temporary Swale
- ○ Topsoiling
- ○ Vegetating Waterways

## Permanent Structural

- ○ Debris Basin
- ○ Diversion
- ○ Grade Stabilization Structure
- ● Land Grading
- ○ Lined Waterway (Rock)
- ○ Paved Channel (Concrete)
- ○ Paved Flume
- ○ Retaining Wall
- ○ Riprap Slope Protection
- ○ Rock Outlet Protection
- ○ Streambank Protection

**Other**

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**Post-construction Stormwater Management Practice (SMP) Requirements**

**Important: Completion of Questions 27-39 is not required if response to Question 22 is No.**

27. Identify all site planning practices that were used to prepare the final site plan/layout for the project.

- ○ **Preservation of Undisturbed Areas**
- ○ **Preservation of Buffers**
- ○ **Reduction of Clearing and Grading**
- ○ **Locating Development in Less Sensitive Areas**
- ○ **Roadway Reduction**
- ○ **Sidewalk Reduction**
- ○ **Driveway Reduction**
- ○ **Cul-de-sac Reduction**
- ○ **Building Footprint Reduction**
- ○ **Parking Reduction**

27a. Indicate which of the following soil restoration criteria was used to address the requirements in Section 5.1.6("Soil Restoration") of the Design Manual (2010 version).

- ○ All disturbed areas will be restored in accordance with the Soil Restoration requirements in Table 5.3 of the Design Manual (see page 5-22).
- ○ Compacted areas were considered as impervious cover when calculating the **WQv Required**, and the compacted areas were assigned a post-construction Hydrologic Soil Group (HSG) designation that is one level less permeable than existing conditions for the hydrology analysis.

28. Provide the total Water Quality Volume (WQv) required for this project (based on final site plan/layout).

**Total WQv Required**

| | | | . | | | |
|---|---|---|---|---|---|---|
| | | | . | | | **acre-feet** |

29. Identify the RR techniques (Area Reduction), RR techniques(Volume Reduction) and Standard SMPs with RRv Capacity in Table 1 (See Page 9) that were used to reduce the Total WQv Required(#28).

Also, provide in Table 1 the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

**Note:** Redevelopment projects shall use Tables 1 and 2 to identify the SMPs used to treat and/or reduce the WQv required. If runoff reduction techniques will not be used to reduce the required WQv, skip to question 33a after identifying the SMPs.

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**Table 1 - Runoff Reduction (RR) Techniques and Standard Stormwater Management Practices (SMPs)**

| | Total Contributing Area (acres) | | Total Contributing Impervious Area(acres) |
|---|---|---|---|
| **RR Techniques (Area Reduction)** | | | |
| ○ Conservation of Natural Areas (RR-1) | ___.___ | and/or | ___.___ |
| ○ Sheetflow to Riparian Buffers/Filters Strips (RR-2) | ___.___ | and/or | ___.___ |
| ○ Tree Planting/Tree Pit (RR-3) | ___.___ | and/or | ___.___ |
| ○ Disconnection of Rooftop Runoff (RR-4) | ___.___ | and/or | ___.___ |
| **RR Techniques (Volume Reduction)** | | | |
| ○ Vegetated Swale (RR-5) | | | ___.___ |
| ○ Rain Garden (RR-6) | | | ___.___ |
| ○ Stormwater Planter (RR-7) | | | ___.___ |
| ○ Rain Barrel/Cistern (RR-8) | | | ___.___ |
| ○ Porous Pavement (RR-9) | | | ___.___ |
| ○ Green Roof (RR-10) | | | ___.___ |
| **Standard SMPs with RRv Capacity** | | | |
| ○ Infiltration Trench (I-1) | | | ___.___ |
| ○ Infiltration Basin (I-2) | | | ___.___ |
| ○ Dry Well (I-3) | | | ___.___ |
| ○ Underground Infiltration System (I-4) | | | ___.___ |
| ○ Bioretention (F-5) | | | ___.___ |
| ○ Dry Swale (O-1) | | | ___.___ |
| **Standard SMPs** | | | |
| ○ Micropool Extended Detention (P-1) | | | ___.___ |
| ○ Wet Pond (P-2) | | | ___.___ |
| ○ Wet Extended Detention (P-3) | | | ___.___ |
| ○ Multiple Pond System (P-4) | | | ___.___ |
| ○ Pocket Pond (P-5) | | | ___.___ |
| ○ Surface Sand Filter (F-1) | | | ___.___ |
| ○ Underground Sand Filter (F-2) | | | ___.___ |
| ○ Perimeter Sand Filter (F-3) | | | ___.___ |
| ○ Organic Filter (F-4) | | | ___.___ |
| ○ Shallow Wetland (W-1) | | | ___.___ |
| ○ Extended Detention Wetland (W-2) | | | ___.___ |
| ○ Pond/Wetland System (W-3) | | | ___.___ |
| ○ Pocket Wetland (W-4) | | | ___.___ |
| ○ Wet Swale (O-2) | | | ___.___ |

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**Table 2 - Alternative SMPs (DO NOT INCLUDE PRACTICES BEING USED FOR PRETREATMENT ONLY)**

| Alternative SMP | Total Contributing Impervious Area(acres) |
|---|---|
| ○ **Hydrodynamic** ..... | |
| ○ **Wet Vault** ..... | |
| ○ **Media Filter** ..... | |
| ○ **Other** ..... | |

Provide the name and manufacturer of the Alternative SMPs (i.e. proprietary practice(s)) being used for WQv treatment.

Name

Manufacturer

**Note**: Redevelopment projects which do not use RR techniques, shall use questions 28, 29, 33 and 33a to provide SMPs used, total WQv required and total WQv provided for the project.

30. Indicate the Total RRv provided by the RR techniques (Area/Volume Reduction) and Standard SMPs with RRv capacity identified in question 29.

**Total RRv provided**

. **acre-feet**

31. Is the Total RRv provided (#30) greater than or equal to the total WQv required (#28).

○ **Yes** ○ **No**

**If Yes, go to question 36.**
**If No, go to question 32.**

32. Provide the Minimum RRv required based on HSG.
[Minimum RRv Required = (P)(0.95)(Ai)/12, Ai=(S)(Aic)]

**Minimum RRv Required**

. **acre-feet**

32a. Is the Total RRv provided (#30) greater than or equal to the Minimum RRv Required (#32)?

○ **Yes** ○ **No**

**If Yes, go to question 33.**
**Note**: Use the space provided in question #39 to summarize the specific site limitations and justification for not reducing 100% of WQv required (#28). A detailed evaluation of the specific site limitations and justification for not reducing 100% of the WQv required (#28) must also be included in the SWPPP.
**If No, sizing criteria has not been met, so NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.**

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33. Identify the Standard SMPs in Table 1 and, if applicable, the Alternative SMPs in Table 2 that were used to treat the remaining total WQv(=Total WQv Required in 28 - Total RRv Provided in 30).

Also, provide in Table 1 and 2 the total impervious area that contributes runoff to each practice selected.

**Note**: Use Tables 1 and 2 to identify the SMPs used on Redevelopment projects.

33a. Indicate the Total WQv provided (i.e. WQv treated) by the SMPs identified in question #33 and Standard SMPs with RRv Capacity identified in question 29.

**WQv Provided**

[ ][ ][ ].[ ][ ][ ] **acre-feet**

**Note**: For the standard SMPs with RRv capacity, the WQv provided by each practice = the WQv calculated using the contributing drainage area to the practice - RRv provided by the practice. (See Table 3.5 in Design Manual)

34. Provide the sum of the Total RRv provided (#30) and the WQv provided (#33a). [ ][ ][ ].[ ][ ][ ]

35. Is the sum of the RRv provided (#30) and the WQv provided (#33a) greater than or equal to the total WQv required (#28)? ○ **Yes** ○ **No**

**If Yes, go to question 36.**
**If No, sizing criteria has not been met, so NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.**

36. Provide the total Channel Protection Storage Volume (CPv) required and provided or select waiver (36a), if applicable.

**CPv Required**

[ ][ ][ ].[ ][ ][ ] **acre-feet**

**CPv Provided**

[ ][ ][ ].[ ][ ][ ] **acre-feet**

36a. The need to provide channel protection has been waived because:

○ Site discharges directly to tidal waters or a fifth order or larger stream.

○ Reduction of the total CPv is achieved on site through runoff reduction techniques or infiltration systems.

37. Provide the Overbank Flood (Qp) and Extreme Flood (Qf) control criteria or select waiver (37a), if applicable.

**Total Overbank Flood Control Criteria (Qp)**

**Pre-Development**

[ ][ ][ ].[ ][ ][ ] **CFS**

**Post-development**

[ ][ ][ ].[ ][ ][ ] **CFS**

**Total Extreme Flood Control Criteria (Qf)**

**Pre-Development**

[ ][ ][ ].[ ][ ][ ] **CFS**

**Post-development**

[ ][ ][ ].[ ][ ][ ] **CFS**

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37a. The need to meet the Qp and Qf criteria has been waived because:

- ○ Site discharges directly to tidal waters or a fifth order or larger stream.
- ○ Downstream analysis reveals that the Qp and Qf controls are not required

38. Has a long term Operation and Maintenance Plan for the post-construction stormwater management practice(s) been developed? ○ **Yes** ○ **No**

If Yes, Identify the entity responsible for the long term Operation and Maintenance

39. Use this space to summarize the specific site limitations and justification for not reducing 100% of WQv required(#28). (See question 32a) This space can also be used for other pertinent project information.

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40. Identify other DEC permits, existing and new, that are required for this project/facility.

- ○ Air Pollution Control
- ○ Coastal Erosion
- ○ Hazardous Waste
- ○ Long Island Wells
- ○ Mined Land Reclamation
- ○ Solid Waste
- ○ Navigable Waters Protection / Article 15
- ○ Water Quality Certificate
- ○ Dam Safety
- ○ Water Supply
- ● Freshwater Wetlands/Article 24
- ○ Tidal Wetlands
- ○ Wild, Scenic and Recreational Rivers
- ○ Stream Bed or Bank Protection / Article 15
- ● Endangered or Threatened Species(Incidental Take Permit)
- ○ Individual SPDES
- ○ SPDES Multi-Sector GP N Y R
- ○ Other
- ○ None

41. Does this project require a US Army Corps of Engineers Wetland Permit? ○ **Yes** ● **No**
**If Yes, Indicate Size of Impact.** . 

42. Is this project subject to the requirements of a regulated, traditional land use control MS4? ○ **Yes** ● **No**
**(If No, skip question 43)**

43. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with this NOI? ○ **Yes** ○ **No**

44. If this NOI is being submitted for the purpose of continuing or transferring coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned. N Y R

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## Owner/Operator Certification

I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit, there may be reporting requirements. I hereby certify that this document and the corresponding documents were prepared under my direction or supervision. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) business days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledging that the SWPPP has been developed and will be implemented as the first element of construction, and agreeing to comply with all the terms and conditions of the general permit for which this NOI is being submitted.

**Print First Name** **MI**

**Print Last Name**

**Owner/Operator Signature**

**Date** / /

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# APPENDIX B

# CONTRACTOR CERTIFICATION FORM

## CONTRACTOR CERTIFICATION

All construction for the PSEG Long Island Bridgehampton to Buell (BTB) New 69kV Underground Transmission Cable project will be the responsibility of the site operator. In accordance with Part III(A)(6) of the NYS SPDES General Permit for Stormwater Discharges from Construction Activity GP-0-20-001, the Trained Contractor and all contractors and subcontractors that will be responsible for erosion and sediment control and/or post-construction stormwater practices at the subject construction site must sign the following certification statement and provide the information required below.

*"I hereby certify under penalty of law that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspector during a site inspection. I also understand that the owner or operator must comply with the terms and conditions of the most current version of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for stormwater discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I am aware that there are significant penalties for submitting false information, that I do not believe to be true, including the possibility of fine and imprisonment for knowing violations."*

_____ _____
*Date* *Signature*

_____
*Print Name*

_____
*Title*

*Company Information*

_____
_____
_____
_____

*Specific work contracted to be performed at the subject site*:

_____
_____
_____
_____

**TRAINED CONTRACTOR SECTION:**

NAME:_____ NYSDEC SWT#:_____

DATE OF NYS DEC 4 Hr Erosion & Sediment Control Training: _____

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# APPENDIX C

# SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (GP-0-20-001)

## SUPPORTING PERMIT MATERIALS

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# APPENDIX C-1

# SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY PERMIT NO. GP-0-20-001

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SPDES GENERAL PERMIT
FOR STORMWATER DISCHARGES

From

**CONSTRUCTION ACTIVITY**

Permit No. GP- 0-20-001

Issued Pursuant to Article 17, Titles 7, 8 and Article 70

of the Environmental Conservation Law

Effective Date: January 29, 2020 Expiration Date: January 28, 2025

John J. Ferguson

Chief Permit Administrator

1-23-20

Authorized Signature Date

Address: NYS DEC
Division of Environmental Permits
625 Broadway, 4th Floor
Albany, N.Y. 12233-1750

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## PREFACE

Pursuant to Section 402 of the Clean Water Act ("CWA"), stormwater *discharges* from certain *construction activities* are unlawful unless they are authorized by a *National Pollutant Discharge Elimination System ("NPDES")* permit or by a state permit program. New York administers the approved State Pollutant Discharge Elimination System (SPDES) program with permits issued in accordance with the New York State Environmental Conservation Law (ECL) Article 17, Titles 7, 8 and Article 70.

An *owner or operator* of a *construction activity* that is eligible for coverage under this permit must obtain coverage prior to the *commencement of construction activity*. Activities that fit the definition of "*construction activity*", as defined under 40 CFR 122.26(b)(14)(x), (15)(i), and (15)(ii), constitute construction of a *point source* and therefore, pursuant to ECL section 17-0505 and 17-0701, the *owner or operator* must have coverage under a SPDES permit prior to *commencing construction activity*. The *owner or operator* cannot wait until there is an actual *discharge* from the *construction site* to obtain permit coverage.

***Note: The italicized words/phrases within this permit are defined in Appendix A.**

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**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**
**SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES**

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## Part 1. PERMIT COVERAGE AND LIMITATIONS

### A. Permit Application

This permit authorizes stormwater *discharges* to *surface waters of the State* from the following *construction activities* identified within 40 CFR Parts 122.26(b)(14)(x), 122.26(b)(15)(i) and 122.26(b)(15)(ii), provided all of the eligibility provisions of this permit are met:

1. *Construction activities* involving soil disturbances of one (1) or more acres; including disturbances of less than one acre that are part of a *larger common plan of development or sale* that will ultimately disturb one or more acres of land; excluding *routine maintenance activity* that is performed to maintain the original line and grade, hydraulic capacity or original purpose of a facility;

2. *Construction activities* involving soil disturbances of less than one (1) acre where the Department has determined that a *SPDES* permit is required for stormwater *discharges* based on the potential for contribution to a violation of a *water quality standard* or for significant contribution of *pollutants* to *surface waters of the State.*

3. *Construction activities* located in the watershed(s) identified in Appendix D that involve soil disturbances between five thousand (5,000) square feet and one (1) acre of land.

### B. Effluent Limitations Applicable to Discharges from Construction Activities

*Discharges* authorized by this permit must achieve, at a minimum, the effluent limitations in Part I.B.1. (a) – (f) of this permit. These limitations represent the degree of effluent reduction attainable by the application of best practicable technology currently available.

1. Erosion and Sediment Control Requirements - The *owner or operator* must select, design, install, implement and maintain control measures to *minimize* the *discharge* of *pollutants* and prevent a violation of the *water quality standards*. The selection, design, installation, implementation, and maintenance of these control measures must meet the non-numeric effluent limitations in Part I.B.1.(a) – (f) of this permit and be in accordance with the New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016, using sound engineering judgment. Where control measures are not designed in conformance with the design criteria included in the technical standard, the *owner or operator* must include in the *Stormwater Pollution Prevention Plan* ("SWPPP") the reason(s) for the

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deviation or alternative design and provide information which demonstrates that the deviation or alternative design is *equivalent* to the technical standard.

a. **Erosion and Sediment Controls.** Design, install and maintain effective erosion and sediment controls to *minimize* the *discharge* of *pollutants* and prevent a violation of the *water quality standards*. At a minimum, such controls must be designed, installed and maintained to:

   (i) *Minimize* soil erosion through application of runoff control and soil stabilization control measure to *minimize pollutant discharge*s;

   (ii) Control stormwater *discharge*s, including both peak flowrates and total stormwater volume, to *minimize* channel and *streambank* erosion and scour in the immediate vicinity of the *discharge* points;

   (iii) *Minimize* the amount of soil exposed during *construction activity*;

   (iv) *Minimize* the disturbance of *steep slopes*;

   (v) *Minimize* sediment *discharge*s from the site;

   (vi) Provide and maintain *natural buffer*s around surface waters, direct stormwater to vegetated areas and maximize stormwater infiltration to reduce *pollutant discharge*s, unless *infeasible*;

   (vii) *Minimize* soil compaction. Minimizing soil compaction is not required where the intended function of a specific area of the site dictates that it be compacted;

   (viii) Unless *infeasible*, preserve a sufficient amount of topsoil to complete soil restoration and establish a uniform, dense vegetative cover; and

   (ix) *Minimize* dust. On areas of exposed soil, *minimize* dust through the appropriate application of water or other dust suppression techniques to control the generation of pollutants that could be discharged from the site.

b. **Soil Stabilization**. In areas where soil disturbance activity has temporarily or permanently ceased, the application of soil stabilization measures 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

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listed in Appendix E 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. See Appendix A for definition of *Temporarily Ceased*.

c. **Dewatering**. *Discharge*s from *dewatering* activities, including *discharge*s from *dewatering* of trenches and excavations, must be managed by appropriate control measures.

d. **Pollution Prevention Measures**. Design, install, implement, and maintain effective pollution prevention measures to *minimize* the *discharge* of *pollutants* and prevent a violation of the *water quality standards*. At a minimum, such measures must be designed, installed, implemented and maintained to:

   (i) *Minimize* the *discharge* of *pollutants* from equipment and vehicle washing, wheel wash water, and other wash waters. This applies to washing operations that use clean water only. Soaps, detergents and solvents cannot be used;

   (ii) *Minimize* the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, hazardous and toxic waste, and other materials present on the site to precipitation and to stormwater. Minimization of exposure is not required in cases where the exposure to precipitation and to stormwater will not result in a *discharge* of *pollutants*, or where exposure of a specific material or product poses little risk of stormwater contamination (such as final products and materials intended for outdoor use) ; and

   (iii) Prevent the *discharge* of *pollutants* from spills and leaks and implement chemical spill and leak prevention and response procedures.

e. **Prohibited *Discharges*.** The following *discharge*s are prohibited:

   (i) Wastewater from washout of concrete;

   (ii) Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials;

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(iii) Fuels, oils, or other *pollutants* used in vehicle and equipment operation and maintenance;

(iv) Soaps or solvents used in vehicle and equipment washing; and

(v) Toxic or hazardous substances from a spill or other release.

f. Surface Outlets. When discharging from basins and impoundments, the outlets shall be designed, constructed and maintained in such a manner that sediment does not leave the basin or impoundment and that erosion at or below the outlet does not occur.

## C. Post-construction Stormwater Management Practice Requirements

1. The *owner or operator* of a *construction activity* that requires post-construction stormwater management practices pursuant to Part III.C. of this permit must select, design, install, and maintain the practices to meet the *performance criteria* in the New York State Stormwater Management Design Manual ("Design Manual"), dated January 2015, using sound engineering judgment. Where post-construction stormwater management practices ("SMPs") are not designed in conformance with the *performance criteria* in the Design Manual, the *owner or operator* must include in the SWPPP the reason(s) for the deviation or alternative design and provide information which demonstrates that the deviation or alternative design is *equivalent* to the technical standard.

2. The *owner or operator* of a *construction activity* that requires post-construction stormwater management practices pursuant to Part III.C. of this permit must design the practices to meet the applicable *sizing criteria* in Part I.C.2.a., b., c. or d. of this permit.

### a. Sizing Criteria for New Development

(i) Runoff Reduction Volume ("RRv"): Reduce the total Water Quality Volume ("WQv") by application of RR techniques and standard SMPs with RRv capacity. The total WQv shall be calculated in accordance with the criteria in Section 4.2 of the Design Manual.

(ii) Minimum RRv and Treatment of Remaining Total WQv: Construction activities that cannot meet the criteria in Part I.C.2.a.(i) of this permit due to site limitations shall direct runoff from all newly constructed impervious areas to a RR technique or standard SMP with RRv capacity unless infeasible. The specific site limitations that prevent the reduction of 100% of the WQv shall be documented in the SWPPP.

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For each impervious area that is not directed to a RR technique or standard SMP with RRv capacity, the SWPPP must include documentation which demonstrates that all options were considered and for each option explains why it is considered infeasible.

**In no case shall the runoff reduction achieved from the newly constructed impervious areas be less than the Minimum RRv as calculated using the criteria in Section 4.3 of the Design Manual.** The remaining portion of the total WQv that cannot be reduced shall be treated by application of standard SMPs.

(iii) Channel Protection Volume ("Cpv"): Provide 24 hour extended detention of the post-developed 1-year, 24-hour storm event; remaining after runoff reduction. The Cpv requirement does not apply when:
(1) Reduction of the entire Cpv is achieved by application of runoff reduction techniques or infiltration systems, or
(2) The site discharges directly to tidal waters, or fifth order or larger streams.

(iv) *Overbank* Flood Control Criteria ("Qp"): Requires storage to attenuate the post-development 10-year, 24-hour peak discharge rate (Qp) to predevelopment rates. The Qp requirement does not apply when:
(1) the site discharges directly to tidal waters or fifth order or larger streams, or
(2) A downstream analysis reveals that *overbank* control is not required.

(v) Extreme Flood Control Criteria ("Qf"): Requires storage to attenuate the post-development 100-year, 24-hour peak discharge rate (Qf) to predevelopment rates. The Qf requirement does not apply when:
(1) the site discharges directly to tidal waters or fifth order or larger streams, or
(2) A downstream analysis reveals that *overbank* control is not required.

**b. *Sizing Criteria* for *New Development* in Enhanced Phosphorus Removal Watershed**

(i) Runoff Reduction Volume (RRv): Reduce the total Water Quality Volume (WQv) by application of RR techniques and standard SMPs with RRv capacity. The total WQv is the runoff volume from the 1-year, 24 hour design storm over the post-developed watershed and shall be

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calculated in accordance with the criteria in Section 10.3 of the Design Manual.

(ii) Minimum RRv and Treatment of Remaining Total WQv: *Construction activities* that cannot meet the criteria in Part I.C.2.b.(i) of this permit due to *site limitations* shall direct runoff from all newly constructed *impervious areas* to a RR technique or standard SMP with RRv capacity unless *infeasible*. The specific *site limitations* that prevent the reduction of 100% of the WQv shall be documented in the SWPPP. For each *impervious area* that is not directed to a RR technique or standard SMP with RRv capacity, the SWPPP must include documentation which demonstrates that all options were considered and for each option explains why it is considered *infeasible.*

**In no case shall the runoff reduction achieved from the newly constructed *impervious areas* be less than the Minimum RRv as calculated using the criteria in Section 10.3 of the Design Manual.** The remaining portion of the total WQv that cannot be reduced shall be treated by application of standard SMPs.

(iii) Channel Protection Volume (Cpv): Provide 24 hour extended detention of the post-developed 1-year, 24-hour storm event; remaining after runoff reduction. The Cpv requirement does not apply when:
(1) Reduction of the entire Cpv is achieved by application of runoff reduction techniques or infiltration systems, or
(2) The site *discharge*s directly to tidal waters, or fifth order or larger streams.

(iv) *Overbank* Flood Control Criteria (Qp): Requires storage to attenuate the post-development 10-year, 24-hour peak *discharge* rate (Qp) to predevelopment rates. The Qp requirement does not apply when:
(1) the site *discharge*s directly to tidal waters or fifth order or larger streams, or
(2) A downstream analysis reveals that *overbank* control is not required.

(v) Extreme Flood Control Criteria (Qf): Requires storage to attenuate the post-development 100-year, 24-hour peak *discharge* rate (Qf) to predevelopment rates. The Qf requirement does not apply when:
(1) the site *discharge*s directly to tidal waters or fifth order or larger streams, or
(2) A downstream analysis reveals that *overbank* control is not required.

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## c. Sizing Criteria for Redevelopment Activity

(i) Water Quality Volume (WQv): The WQv treatment objective for *redevelopment activity* shall be addressed by one of the following options. *Redevelopment activities* located in an Enhanced Phosphorus Removal Watershed (see Part III.B.3. and Appendix C of this permit) shall calculate the WQv in accordance with Section 10.3 of the Design Manual. All other *redevelopment activities* shall calculate the WQv in accordance with Section 4.2 of the Design Manual.

(1) Reduce the existing *impervious cover* by a minimum of 25% of the total disturbed, *impervious area*. The Soil Restoration criteria in Section 5.1.6 of the Design Manual must be applied to all newly created pervious areas, or

(2) Capture and treat a minimum of 25% of the WQv from the disturbed, *impervious area* by the application of standard SMPs; or reduce 25% of the WQv from the disturbed, *impervious area* by the application of RR techniques or standard SMPs with RRv capacity., or

(3) Capture and treat a minimum of 75% of the WQv from the disturbed, *impervious area* as well as any additional runoff from tributary areas by application of the alternative practices discussed in Sections 9.3 and 9.4 of the Design Manual., or

(4) Application of a combination of 1, 2 and 3 above that provide a weighted average of at least two of the above methods. Application of this method shall be in accordance with the criteria in Section 9.2.1(B) (IV) of the Design Manual.

If there is an existing post-construction stormwater management practice located on the site that captures and treats runoff from the *impervious area* that is being disturbed, the WQv treatment option selected must, at a minimum, provide treatment equal to the treatment that was being provided by the existing practice(s) if that treatment is greater than the treatment required by options 1 – 4 above.

(ii) Channel Protection Volume (Cpv): Not required if there are no changes to hydrology that increase the *discharge* rate from the project site.

(iii) *Overbank* Flood Control Criteria (Qp): Not required if there are no changes to hydrology that increase the *discharge* rate from the project site.

(iv) Extreme Flood Control Criteria (Qf): Not required if there are no changes to hydrology that increase the *discharge* rate from the project site

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**d. Sizing Criteria for Combination of Redevelopment Activity and New Development**

Construction projects that include both New Development and Redevelopment Activity shall provide post-construction stormwater management controls that meet the sizing criteria calculated as an aggregate of the Sizing Criteria in Part I.C.2.a. or b. of this permit for the New Development portion of the project and Part I.C.2.c of this permit for Redevelopment Activity portion of the project.

## D. Maintaining Water Quality

The Department expects that compliance with the conditions of this permit will control *discharge*s necessary to meet applicable *water quality standards*. It shall be a violation of the *ECL* for any discharge to either cause or contribute to a violation of *water quality standards* as contained in Parts 700 through 705 of Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York, such as:

1. There shall be no increase in turbidity that will cause a substantial visible contrast to natural conditions;

2. There shall be no increase in suspended, colloidal or settleable solids that will cause deposition or impair the waters for their best usages; and

3. There shall be no residue from oil and floating substances, nor visible oil film, nor globules of grease.

If there is evidence indicating that the stormwater *discharge*s authorized by this permit are causing, have the reasonable potential to cause, or are contributing to a violation of the *water quality standards*; the *owner or operator* must take appropriate corrective action in accordance with Part IV.C.5. of this general permit and document in accordance with Part IV.C.4. of this general permit. To address the *water quality standard* violation the *owner or operator* may need to provide additional information, include and implement appropriate controls in the SWPPP to correct the problem, or obtain an individual SPDES permit.

If there is evidence indicating that despite compliance with the terms and conditions of this general permit it is demonstrated that the stormwater *discharge*s authorized by this permit are causing or contributing to a violation of *water quality standards*, or if the Department determines that a modification of the permit is necessary to prevent a violation of *water quality standards*, the authorized *discharge*s will no longer be eligible for coverage under this permit. The Department may require the *owner or operator* to obtain an individual SPDES permit to continue discharging.

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## E. Eligibility Under This General Permit

1. This permit may authorize all *discharges* of stormwater from *construction activity* to *surface waters of the State* and *groundwaters* except for ineligible *discharges* identified under subparagraph F. of this Part.

2. Except for non-stormwater *discharges* explicitly listed in the next paragraph, this permit only authorizes stormwater *discharge*s; including stormwater runoff, snowmelt runoff, and surface runoff and drainage, from *construction activities*.

3. Notwithstanding paragraphs E.1 and E.2 above, the following non-stormwater discharges are authorized by this permit: those listed in 6 NYCRR 750-1.2(a)(29)(vi), with the following exception: "Discharges from firefighting activities are authorized only when the firefighting activities are emergencies/unplanned"; waters to which other components have not been added that are used to control dust in accordance with the SWPPP; and uncontaminated *discharge*s from *construction site* de-watering operations. All non-stormwater discharges must be identified in the SWPPP. Under all circumstances, the *owner or operator* must still comply with *water quality standards* in Part I.D of this permit.

4. The *owner or operator* must maintain permit eligibility to *discharge* under this permit. Any *discharges* that are not compliant with the eligibility conditions of this permit are not authorized by the permit and the *owner or operator* must either apply for a separate permit to cover those ineligible *discharges* or take steps necessary to make the *discharge* eligible for coverage.

## F. Activities Which Are Ineligible for Coverage Under This General Permit

All of the following are **not** authorized by this permit:

1. *Discharge*s after *construction activities* have been completed and the site has undergone *final stabilization*;

2. *Discharges* that are mixed with sources of non-stormwater other than those expressly authorized under subsection E.3. of this Part and identified in the SWPPP required by this permit;

3. *Discharges* that are required to obtain an individual SPDES permit or another SPDES general permit pursuant to Part VII.K. of this permit;

4. *Construction activities* or *discharges* from *construction activities* that may adversely affect an *endangered or threatened species* unless the *owner or*

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*operator* has obtained a permit issued pursuant to 6 NYCRR Part 182 for the project or the Department has issued a letter of non-jurisdiction for the project. All documentation necessary to demonstrate eligibility shall be maintained on site in accordance with Part II.D.2 of this permit;

5. *Discharges* which either cause or contribute to a violation of *water quality standards* adopted pursuant to the *ECL* and its accompanying regulations;

6. *Construction activities* for residential, commercial and institutional projects:

   a. Where the *discharge*s from the *construction activities* are tributary to waters of the state classified as AA or AA-s; and

   b. Which are undertaken on land with no existing *impervious cover*; and

   c. Which disturb one (1) or more acres of land designated on the current United States Department of Agriculture ("USDA") Soil Survey as Soil Slope Phase "D", (provided the map unit name is inclusive of slopes greater than 25%), or Soil Slope Phase "E" or "F" (regardless of the map unit name), or a combination of the three designations.

7. *Construction activities* for linear transportation projects and linear utility projects:

   a. Where the *discharge*s from the *construction activities* are tributary to waters of the state classified as AA or AA-s; and

   b. Which are undertaken on land with no existing *impervious cover*; and

   c. Which disturb two (2) or more acres of land designated on the current USDA Soil Survey as Soil Slope Phase "D" (provided the map unit name is inclusive of slopes greater than 25%), or Soil Slope Phase "E" or "F" (regardless of the map unit name), or a combination of the three designations.

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8. *Construction activities* that have the potential to affect an *historic property*, unless there is documentation that such impacts have been resolved. The following documentation necessary to demonstrate eligibility with this requirement shall be maintained on site in accordance with Part II.D.2 of this permit and made available to the Department in accordance with Part VII.F of this permit:

   a. Documentation that the *construction activity* is not within an archeologically sensitive area indicated on the sensitivity map, and that the *construction activity* is not located on or immediately adjacent to a property listed or determined to be eligible for listing on the National or State Registers of Historic Places, and that there is no new permanent building on the *construction site* within the following distances from a building, structure, or object that is more than 50 years old, or if there is such a new permanent building on the *construction site* within those parameters that NYS Office of Parks, Recreation and Historic Preservation (OPRHP), a Historic Preservation Commission of a Certified Local Government, or a qualified preservation professional has determined that the building, structure, or object more than 50 years old is not historically/archeologically significant.

      - 1-5 acres of disturbance - 20 feet
      - 5-20 acres of disturbance - 50 feet
      - 20+ acres of disturbance - 100 feet, or

   b. DEC consultation form sent to OPRHP, and copied to the NYS DEC Agency Historic Preservation Officer (APO), and
      (i) the State Environmental Quality Review (SEQR) Environmental Assessment Form (EAF) with a negative declaration or the Findings Statement, with documentation of OPRHP's agreement with the resolution; or
      (ii) documentation from OPRHP that the *construction activity* will result in No Impact; or
      (iii) documentation from OPRHP providing a determination of No Adverse Impact; or
      (iv) a Letter of Resolution signed by the owner/operator, OPRHP and the DEC APO which allows for this *construction activity* to be eligible for coverage under the general permit in terms of the State Historic Preservation Act (SHPA); or

   c. Documentation of satisfactory compliance with Section 106 of the National Historic Preservation Act for a coterminous project area:

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(i) No Affect
(ii) No Adverse Affect
(iii) Executed Memorandum of Agreement, or

d. Documentation that:

(i) SHPA Section 14.09 has been completed by NYS DEC or another state agency.

9. *Discharge*s from *construction activities* that are subject to an existing SPDES individual or general permit where a SPDES permit for *construction activity* has been terminated or denied; or where the *owner or operator* has failed to renew an expired individual permit.

## Part II. PERMIT COVERAGE

### A. How to Obtain Coverage

1. An *owner or operator* of a *construction activity* that is not subject to the requirements of a regulated, traditional land use control MS4 must first prepare a SWPPP in accordance with all applicable requirements of this permit and then submit a completed Notice of Intent (NOI) to the Department to be authorized to discharge under this permit.

2. An *owner or operator* of a *construction activity* that is subject to the requirements of a *regulated, traditional land use control MS4* must first prepare a SWPPP in accordance with all applicable requirements of this permit and then have the SWPPP reviewed and accepted by the *regulated, traditional land use control MS4* prior to submitting the NOI to the Department. The *owner or operator* shall have the "MS4 SWPPP Acceptance" form signed in accordance with Part VII.H., and then submit that form along with a completed NOI to the Department.

3. The requirement for an *owner or operator* to have its SWPPP reviewed and accepted by the *regulated, traditional land use control MS4* prior to submitting the NOI to the Department does not apply to an *owner or operator* that is obtaining permit coverage in accordance with the requirements in Part II.F. (Change of *Owner or Operator*) or where the *owner or operator* of the *construction activity* is the *regulated, traditional land use control MS4* . This exemption does not apply to *construction activities* subject to the New York City Administrative Code.

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## B. Notice of Intent (NOI) Submittal

1. Prior to December 21, 2020, an owner or operator shall use either the electronic (eNOI) or paper version of the NOI that the Department prepared. Both versions of the NOI are located on the Department's website (http://www.dec.ny.gov/ ). The paper version of the NOI shall be signed in accordance with Part VII.H. of this permit and submitted to the following address:

   **NOTICE OF INTENT**
   **NYS DEC, Bureau of Water Permits**
   **625 Broadway, 4th Floor**
   **Albany, New York 12233-3505**

2. Beginning December 21, 2020 and in accordance with EPA's 2015 NPDES Electronic Reporting Rule (40 CFR Part 127), the *owner or operator* must submit the NOI electronically using the *Department's* online NOI.

3. The *owner or operator* shall have the SWPPP preparer sign the "SWPPP Preparer Certification" statement on the NOI prior to submitting the form to the Department.

4. As of the date the NOI is submitted to the Department, the *owner or operator* shall make the NOI and SWPPP available for review and copying in accordance with the requirements in Part VII.F. of this permit.

## C. Permit Authorization

1. An *owner or operator* shall not *commence construction activity* until their authorization to *discharge* under this permit goes into effect.

2. Authorization to *discharge* under this permit will be effective when the *owner or operator* has satisfied all of the following criteria:

   a. project review pursuant to the State Environmental Quality Review Act ("SEQRA") have been satisfied, when SEQRA is applicable. See the Department's website (http://www.dec.ny.gov/) for more information,

   b. where required, all necessary Department permits subject to the *Uniform Procedures Act ("UPA")* (see 6 NYCRR Part 621), or the equivalent from another New York State agency, have been obtained, unless otherwise notified by the Department pursuant to 6 NYCRR 621.3(a)(4). *Owners or operators* of *construction activities* that are required to obtain *UPA* permits

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must submit a preliminary SWPPP to the appropriate DEC Permit Administrator at the Regional Office listed in Appendix F at the time all other necessary *UPA* permit applications are submitted. The preliminary SWPPP must include sufficient information to demonstrate that the *construction activity* qualifies for authorization under this permit,

c. the final SWPPP has been prepared, and

d. a complete NOI has been submitted to the Department in accordance with the requirements of this permit.

3. An *owner or operator* that has satisfied the requirements of Part II.C.2 above will be authorized to *discharge* stormwater from their *construction activity* in accordance with the following schedule:

   a. For *construction activities* that are <u>not</u> subject to the requirements of a *regulated, traditional land use control MS4*:

      (i) Five (5) business days from the date the Department receives a complete electronic version of the NOI (eNOI) for *construction activities* with a SWPPP that has been prepared in conformance with the design criteria in the technical standard referenced in Part III.B.1 and the *performance criteria* in the technical standard referenced in Parts III.B., 2 or 3, for *construction activities* that require post-construction stormwater management practices pursuant to Part III.C.; or

      (ii) Sixty (60) business days from the date the Department receives a complete NOI (electronic or paper version) for *construction activities* with a SWPPP that has <u>not</u> been prepared in conformance with the design criteria in technical standard referenced in Part III.B.1. or, for *construction activities* that require post-construction stormwater management practices pursuant to Part III.C., the *performance criteria* in the technical standard referenced in Parts III.B., 2 or 3, or;

      (iii) Ten (10) business days from the date the Department receives a complete paper version of the NOI for *construction activities* with a SWPPP that has been prepared in conformance with the design criteria in the technical standard referenced in Part III.B.1 and the *performance criteria* in the technical standard referenced in Parts III.B., 2 or 3, for *construction activities* that require post-construction stormwater management practices pursuant to Part III.C.

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b. For *construction activities* that are subject to the requirements of a *regulated, traditional land use control MS4*:

(i) Five (5) business days from the date the Department receives both a complete electronic version of the NOI (eNOI) and signed "*MS4* SWPPP Acceptance" form, or

(ii) Ten (10) business days from the date the Department receives both a complete paper version of the NOI and signed "MS4 SWPPP Acceptance" form.

4. Coverage under this permit authorizes stormwater *discharges* from only those areas of disturbance that are identified in the NOI. If an *owner or operator* wishes to have stormwater *discharges* from future or additional areas of disturbance authorized, they must submit a new NOI that addresses that phase of the development, unless otherwise notified by the Department. The *owner or operator* shall not *commence construction activity* on the future or additional areas until their authorization to *discharge* under this permit goes into effect in accordance with Part II.C. of this permit.

## D. General Requirements For Owners or Operators With Permit Coverage

1. The *owner or operator* shall ensure that the provisions of the SWPPP are implemented from the *commencement of construction activity* until all areas of disturbance have achieved *final stabilization* and the Notice of Termination ("NOT") has been submitted to the Department in accordance with Part V. of this permit. This includes any changes made to the SWPPP pursuant to Part III.A.4. of this permit.

2. The *owner or operator* shall maintain a copy of the General Permit (GP-0-20-001), NOI, *NOI Acknowledgment Letter*, SWPPP, MS4 SWPPP Acceptance form, inspection reports, responsible contractor's or subcontractor's certification statement (see Part III.A.6.), and all documentation necessary to demonstrate eligibility with this permit at the *construction site* until all disturbed areas have achieved *final stabilization* and the NOT has been submitted to the Department. The documents must be maintained in a secure location, such as a job trailer, on-site construction office, or mailbox with lock. The secure location must be accessible during normal business hours to an individual performing a compliance inspection.

*3.* The *owner or operator* of a *construction activity* shall not disturb greater than five (5) acres of soil at any one time without prior written authorization from the Department or, in areas under the jurisdiction of a *regulated, traditional land*

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*use control MS4,* the *regulated, traditional land use control MS4* (provided the *regulated, traditional land use control MS4* is not the *owner or operator* of the *construction activity*). At a minimum, the *owner or operator* must comply with the following requirements in order to be authorized to disturb greater than five (5) acres of soil at any one time:

a. The *owner or operator* shall have a *qualified inspector* conduct **at least** two (2) site inspections in accordance with Part IV.C. of this permit every seven (7) calendar days, for as long as greater than five (5) acres of soil remain disturbed. The two (2) inspections shall be separated by a minimum of two (2) full calendar days.

b. In areas where soil disturbance activity has temporarily or permanently ceased, 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. The soil stabilization measures selected shall be in conformance with the technical standard, New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016.

c. The *owner or operator* shall prepare a phasing plan that defines maximum disturbed area per phase and shows required cuts and fills.

d. The *owner or operator* shall install any additional site-specific practices needed to protect water quality.

e. The *owner or operator* shall include the requirements above in their SWPPP.

4. In accordance with statute, regulations, and the terms and conditions of this permit, the Department may suspend or revoke an *owner's or operator's* coverage under this permit at any time if the Department determines that the SWPPP does not meet the permit requirements or consistent with Part VII.K..

5. Upon a finding of significant non-compliance with the practices described in the SWPPP or violation of this permit, the Department may order an immediate stop to all activity at the site until the non-compliance is remedied. The stop work order shall be in writing, describe the non-compliance in detail, and be sent to the *owner or operator*.

6. For *construction activities* that are subject to the requirements of a *regulated, traditional land use control MS4*, the *owner or operator* shall notify the

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*regulated, traditional land use control MS4* in writing of any planned amendments or modifications to the post-construction stormwater management practice component of the SWPPP required by Part III.A. 4. and 5. of this permit. Unless otherwise notified by the *regulated, traditional land use control MS4*, the *owner or operator* shall have the SWPPP amendments or modifications reviewed and accepted by the *regulated, traditional land use control MS4* prior to commencing construction of the post-construction stormwater management practice.

## E. Permit Coverage for Discharges Authorized Under GP-0-15-002

1. Upon renewal of SPDES General Permit for Stormwater Discharges from *Construction Activity* (Permit No. GP-0-15-002), an *owner or operator* of *a construction activity* with coverage under GP-0-15-002, as of the effective date of GP- 0-20-001, shall be authorized to *discharge* in accordance with GP- 0-20-001, unless otherwise notified by the Department.

   An *owner or operator* may continue to implement the technical/design components of the post-construction stormwater management controls provided that such design was done in conformance with the technical standards in place at the time of initial project authorization. However, they must comply with the other, non-design provisions of GP-0-20-001.

## F. Change of Owner or Operator

1. When property ownership changes or when there is a change in operational control over the construction plans and specifications, the original *owner or operator* must notify the new *owner or operator*, in writing, of the requirement to obtain permit coverage by submitting a NOI with the Department. For *construction activities* subject to the requirements of a *regulated, traditional land use control MS4,* the original *owner or operator* must also notify the MS4, in writing, of the change in ownership at least 30 calendar days prior to the change in ownership.

2. Once the new *owner or operator* obtains permit coverage, the original *owner or operator* shall then submit a completed NOT with the name and permit identification number of the new *owner or operator* to the Department at the address in Part II.B.1. of this permit. If the original *owner or operator* maintains ownership of a portion of the *construction activity* and will disturb soil, they must maintain their coverage under the permit.

*3.* Permit coverage for the new *owner or operator* will be effective as of the date the Department receives a complete NOI, provided the original *owner or*

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*operator* was not subject to a sixty (60) business day authorization period that has not expired as of the date the Department receives the NOI from the new *owner or operator*.

## Part III. STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

### A. General SWPPP Requirements

1. A SWPPP shall be prepared and implemented by the *owner or operator* of each *construction activity* covered by this permit. The SWPPP must document the selection, design, installation, implementation and maintenance of the control measures and practices that will be used to meet the effluent limitations in Part I.B. of this permit and where applicable, the post-construction stormwater management practice requirements in Part I.C. of this permit. The SWPPP shall be prepared prior to the submittal of the NOI. The NOI shall be submitted to the Department prior to the *commencement of construction activity*. A copy of the completed, final NOI shall be included in the SWPPP.

2. The SWPPP shall describe the erosion and sediment control practices and where required, post-construction stormwater management practices that will be used and/or constructed to reduce the *pollutants* in stormwater *discharges* and to assure compliance with the terms and conditions of this permit. In addition, the SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of stormwater *discharges*.

3. All SWPPPs that require the post-construction stormwater management practice component shall be prepared by a *qualified professional* that is knowledgeable in the principles and practices of stormwater management and treatment.

4. The *owner or operator* must keep the SWPPP current so that it at all times accurately documents the erosion and sediment controls practices that are being used or will be used during construction, and all post-construction stormwater management practices that will be constructed on the site. At a minimum, the *owner or operator* shall amend the SWPPP, including construction drawings:

    a. whenever the current provisions prove to be ineffective in minimizing *pollutants* in stormwater *discharges* from the site;

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b. whenever there is a change in design, construction, or operation at the *construction site* that has or could have an effect on the *discharge* of *pollutants*;

c. to address issues or deficiencies identified during an inspection by the *qualified inspector,* the Department or other regulatory authority; and

d. to document the final construction conditions.

5. The Department may notify the *owner or operator* at any time that the SWPPP does not meet one or more of the minimum requirements of this permit. The notification shall be in writing and identify the provisions of the SWPPP that require modification. Within fourteen (14) calendar days of such notification, or as otherwise indicated by the Department, the *owner or operator* shall make the required changes to the SWPPP and submit written notification to the Department that the changes have been made. If the *owner or operator* does not respond to the Department's comments in the specified time frame, the Department may suspend the *owner's or operator's* coverage under this permit or require the *owner or operator* to obtain coverage under an individual SPDES permit in accordance with Part II.D.4. of this permit.

6. Prior to the *commencement of construction activity*, the *owner or operator* must identify the contractor(s) and subcontractor(s) that will be responsible for installing, constructing, repairing, replacing, inspecting and maintaining the erosion and sediment control practices included in the SWPPP; and the contractor(s) and subcontractor(s) that will be responsible for constructing the post-construction stormwater management practices included in the SWPPP. The *owner or operator* shall have each of the contractors and subcontractors identify at least one person from their company that will be responsible for implementation of the SWPPP. This person shall be known as the *trained contractor.* The *owner or operator* shall ensure that at least one *trained contractor* is on site on a daily basis when soil disturbance activities are being performed.

   The *owner or operator* shall have each of the contractors and subcontractors identified above sign a copy of the following certification statement below before they commence any *construction activity*:

   "I hereby certify under penalty of law that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the *qualified inspector* during a site inspection. I also understand that the *owner or operator* must comply with

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the terms and conditions of the most current version of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for stormwater *discharge*s from *construction activities* and that it is unlawful for any person to cause or contribute to a violation of *water quality standards*. Furthermore, I am aware that there are significant penalties for submitting false information, that I do not believe to be true, including the possibility of fine and imprisonment for knowing violations"

In addition to providing the certification statement above, the certification page must also identify the specific elements of the SWPPP that each contractor and subcontractor will be responsible for and include the name and title of the person providing the signature; the name and title of the *trained contractor* responsible for SWPPP implementation; the name, address and telephone number of the contracting firm; the address (or other identifying description) of the site; and the date the certification statement is signed. The *owner or operator* shall attach the certification statement(s) to the copy of the SWPPP that is maintained at the *construction site*. If new or additional contractors are hired to implement measures identified in the SWPPP after construction has commenced, they must also sign the certification statement and provide the information listed above.

7. For projects where the Department requests a copy of the SWPPP or inspection reports, the *owner or operator* shall submit the documents in both electronic (PDF only) and paper format within five (5) business days, unless otherwise notified by the Department.

## B. Required SWPPP Contents

1. Erosion and sediment control component - All SWPPPs prepared pursuant to this permit shall include erosion and sediment control practices designed in conformance with the technical standard, New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016. Where erosion and sediment control practices are not designed in conformance with the design criteria included in the technical standard, the *owner or operator* must demonstrate *equivalence* to the technical standard. At a minimum, the erosion and sediment control component of the SWPPP shall include the following:

    a. Background information about the scope of the project, including the location, type and size of project

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b. A site map/construction drawing(s) for the project, including a general location map. At a minimum, the site map shall show the total site area; all improvements; areas of disturbance; areas that will not be disturbed; existing vegetation; on-site and adjacent off-site surface water(s); floodplain/floodway boundaries; wetlands and drainage patterns that could be affected by the *construction activity*; existing and final contours ; locations of different soil types with boundaries; material, waste, borrow or equipment storage areas located on adjacent properties; and location(s) of the stormwater *discharge*(s);

c. A description of the soil(s) present at the site, including an identification of the Hydrologic Soil Group (HSG);

d. A construction phasing plan and sequence of operations describing the intended order of *construction activities*, including clearing and grubbing, excavation and grading, utility and infrastructure installation and any other activity at the site that results in soil disturbance;

e. A description of the minimum erosion and sediment control practices to be installed or implemented for each *construction activity* that will result in soil disturbance. Include a schedule that identifies the timing of initial placement or implementation of each erosion and sediment control practice and the minimum time frames that each practice should remain in place or be implemented;

f. A temporary and permanent soil stabilization plan that meets the requirements of this general permit and the technical standard, New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016, for each stage of the project, including initial land clearing and grubbing to project completion and achievement of *final stabilization*;

g. A site map/construction drawing(s) showing the specific location(s), size(s), and length(s) of each erosion and sediment control practice;

h. The dimensions, material specifications, installation details, and operation and maintenance requirements for all erosion and sediment control practices. Include the location and sizing of any temporary sediment basins and structural practices that will be used to divert flows from exposed soils;

i. A maintenance inspection schedule for the contractor(s) identified in Part III.A.6. of this permit, to ensure continuous and effective operation of the erosion and sediment control practices. The maintenance inspection

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schedule shall be in accordance with the requirements in the technical standard, New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016;

j. A description of the pollution prevention measures that will be used to control litter, construction chemicals and construction debris from becoming a *pollutant* source in the stormwater *discharges*;

k. A description and location of any stormwater *discharges* associated with industrial activity other than construction at the site, including, but not limited to, stormwater *discharges* from asphalt plants and concrete plants located on the *construction site*; and

l. Identification of any elements of the design that are not in conformance with the design criteria in the technical standard, New York State Standards and Specifications for Erosion and Sediment Control, dated November 2016. Include the reason for the deviation or alternative design and provide information which demonstrates that the deviation or alternative design is *equivalent* to the technical standard.

2. Post-construction stormwater management practice component – The *owner or operator* of any construction project identified in Table 2 of Appendix B as needing post-construction stormwater management practices shall prepare a SWPPP that includes practices designed in conformance with the applicable *sizing criteria* in Part I.C.2.a., c. or d. of this permit and the *performance criteria* in the technical standard, New York State Stormwater Management Design Manual dated January 2015

   Where post-construction stormwater management practices are not designed in conformance with the *performance criteria* in the technical standard, the *owner or operator* must include in the SWPPP the reason(s) for the deviation or alternative design and provide information which demonstrates that the deviation or alternative design is *equivalent* to the technical standard.

   The post-construction stormwater management practice component of the SWPPP shall include the following:

   a. Identification of all post-construction stormwater management practices to be constructed as part of the project. Include the dimensions, material specifications and installation details for each post-construction stormwater management practice;

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b. A site map/construction drawing(s) showing the specific location and size of each post-construction stormwater management practice;

c. A Stormwater Modeling and Analysis Report that includes:
   (i) Map(s) showing pre-development conditions, including watershed/subcatchments boundaries, flow paths/routing, and design points;

   (ii) Map(s) showing post-development conditions, including watershed/subcatchments boundaries, flow paths/routing, design points and post-construction stormwater management practices;

   (iii) Results of stormwater modeling (i.e. hydrology and hydraulic analysis) for the required storm events. Include supporting calculations (model runs), methodology, and a summary table that compares pre and post-development runoff rates and volumes for the different storm events;

   (iv) Summary table, with supporting calculations, which demonstrates that each post-construction stormwater management practice has been designed in conformance with the *sizing criteria* included in the Design Manual;

   (v) Identification of any *sizing criteria* that is not required based on the requirements included in Part I.C. of this permit; and

   (vi) Identification of any elements of the design that are not in conformance with the *performance criteria* in the Design Manual. Include the reason(s) for the deviation or alternative design and provide information which demonstrates that the deviation or alternative design is *equivalent* to the Design Manual;

d. Soil testing results and locations (test pits, borings);

e. Infiltration test results, when required; and

f. An operations and maintenance plan that includes inspection and maintenance schedules and actions to ensure continuous and effective operation of each post-construction stormwater management practice. The plan shall identify the entity that will be responsible for the long term operation and maintenance of each practice.

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3. Enhanced Phosphorus Removal Standards - All construction projects identified in Table 2 of Appendix B that are located in the watersheds identified in Appendix C shall prepare a SWPPP that includes post-construction stormwater management practices designed in conformance with the applicable *sizing criteria* in Part I.C.2. b., c. or d. of this permit and the *performance criteria,* Enhanced Phosphorus Removal Standards included in the Design Manual. At a minimum, the post-construction stormwater management practice component of the SWPPP shall include items 2.a - 2.f. above.

### C. Required SWPPP Components by Project Type

Unless otherwise notified by the Department, *owners or operators* of *construction activities* identified in Table 1 of Appendix B are required to prepare a SWPPP that only includes erosion and sediment control practices designed in conformance with Part III.B.1 of this permit. *Owners or operators* of the *construction activities* identified in Table 2 of Appendix B shall prepare a SWPPP that also includes post-construction stormwater management practices designed in conformance with Part III.B.2 or 3 of this permit.

## Part IV. INSPECTION AND MAINTENANCE REQUIREMENTS

### A. General Construction Site Inspection and Maintenance Requirements

1. The *owner or operator* must ensure that all erosion and sediment control practices (including pollution prevention measures) and all post-construction stormwater management practices identified in the SWPPP are inspected and maintained in accordance with Part IV.B. and C. of this permit.

2. The terms of this permit shall not be construed to prohibit the State of New York from exercising any authority pursuant to the ECL, common law or federal law, or prohibit New York State from taking any measures, whether civil or criminal, to prevent violations of the laws of the State of New York or protect the public health and safety and/or the environment.

### B. Contractor Maintenance Inspection Requirements

1. The *owner or operator* of each *construction activity* identified in Tables 1 and 2 of Appendix B shall have a *trained contractor* inspect the erosion and sediment control practices and pollution prevention measures being implemented within the active work area daily to ensure that they are being maintained in effective operating condition at all times. If deficiencies are identified, the contractor shall

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begin implementing corrective actions within one business day and shall complete the corrective actions in a reasonable time frame.

2. For construction sites where soil disturbance activities have been temporarily suspended (e.g. winter shutdown) and *temporary stabilization* measures have been applied to all disturbed areas, the *trained contractor* can stop conducting the maintenance inspections. The *trained contractor* shall begin conducting the maintenance inspections in accordance with Part IV.B.1. of this permit as soon as soil disturbance activities resume.

3. For construction sites where soil disturbance activities have been shut down with partial project completion, the *trained contractor* can stop conducting the maintenance inspections if all areas disturbed as of the project shutdown date have achieved *final stabilization* and all post-construction stormwater management practices required for the completed portion of the project have been constructed in conformance with the SWPPP and are operational.

**C. Qualified Inspector Inspection Requirements**

The *owner or operator* shall have a *qualified inspector* conduct site inspections in conformance with the following requirements:

[Note: The *trained contractor* identified in Part III.A.6. and IV.B. of this permit **cannot** conduct the *qualified inspector* site inspections unless they meet the *qualified inspector* qualifications included in Appendix A. In order to perform these inspections, the *trained contractor* would have to be a:

- licensed Professional Engineer,
- Certified Professional in Erosion and Sediment Control (CPESC),
- New York State Erosion and Sediment Control Certificate Program holder
- Registered Landscape Architect, or
- someone working under the direct supervision of, and at the same company as, the licensed Professional Engineer or Registered Landscape Architect, provided they have received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity].

1. A *qualified inspector* shall conduct site inspections for all *construction activities* identified in Tables 1 and 2 of Appendix B, with the exception of:

   a. the construction of a single family residential subdivision with 25% or less *impervious cover* at total site build-out that involves a soil disturbance of one (1) or more acres of land but less than five (5) acres and is not located

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in one of the watersheds listed in Appendix C and not directly discharging to one of the 303(d) segments listed in Appendix E;

b. the construction of a single family home that involves a soil disturbance of one (1) or more acres of land but less than five (5) acres and is not located in one of the watersheds listed in Appendix C and not directly discharging to one of the 303(d) segments listed in Appendix E;

c. construction on agricultural property that involves a soil disturbance of one (1) or more acres of land but less than five (5) acres; and

d. *construction activities* located in the watersheds identified in Appendix D that involve soil disturbances between five thousand (5,000) square feet and one (1) acre of land.

2. Unless otherwise notified by the Department, the *qualified inspector* shall conduct site inspections in accordance with the following timetable:

a. For construction sites where soil disturbance activities are on-going, the *qualified inspector* shall conduct a site inspection at least once every seven (7) calendar days.

b. For construction sites where soil disturbance activities are on-going and the *owner or operator* has received authorization in accordance with Part II.D.3 to disturb greater than five (5) acres of soil at any one time, the *qualified inspector* shall conduct at least two (2) site inspections every seven (7) calendar days. The two (2) inspections shall be separated by a minimum of two (2) full calendar days.

c. For construction sites where soil disturbance activities have been temporarily suspended (e.g. winter shutdown) and *temporary stabilization* measures have been applied to all disturbed areas, the *qualified inspector* shall conduct a site inspection at least once every thirty (30) calendar days. The *owner or operator* shall notify the DOW Water (SPDES) Program contact at the Regional Office (see contact information in Appendix F) or, in areas under the jurisdiction of a *regulated, traditional land use control MS4,* the *regulated, traditional land use control MS4* (provided the *regulated, traditional land use control MS4* is not the *owner or operator* of the *construction activity*) in writing prior to reducing the frequency of inspections.

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d. For construction sites where soil disturbance activities have been shut down with partial project completion, the *qualified inspector* can stop conducting inspections if all areas disturbed as of the project shutdown date have achieved *final stabilization* and all post-construction stormwater management practices required for the completed portion of the project have been constructed in conformance with the SWPPP and are operational. The *owner or operator* shall notify the DOW Water (SPDES) Program contact at the Regional Office (see contact information in Appendix F) or, in areas under the jurisdiction of a *regulated, traditional land use control MS4,* the *regulated, traditional land use control MS4* (provided the *regulated, traditional land use control MS4* is not the *owner or operator* of the *construction activity*) in writing prior to the shutdown. If soil disturbance activities are not resumed within 2 years from the date of shutdown, the *owner or operator* shall have the *qualified inspector* perform a final inspection and certify that all disturbed areas have achieved *final stabilization,* and all temporary, structural erosion and sediment control measures have been removed; and that all post-construction stormwater management practices have been constructed in conformance with the SWPPP by signing the "*Final Stabilization*" and "Post-Construction Stormwater Management Practice" certification statements on the NOT. The *owner or operator* shall then submit the completed NOT form to the address in Part II.B.1 of this permit.

e. For construction sites that directly *discharge* to one of the 303(d) segments listed in Appendix E or is located in one of the watersheds listed in Appendix C, the *qualified inspector* shall conduct at least two (2) site inspections every seven (7) calendar days. The two (2) inspections shall be separated by a minimum of two (2) full calendar days.

3. At a minimum, the *qualified inspector* shall inspect all erosion and sediment control practices and pollution prevention measures to ensure integrity and effectiveness, all post-construction stormwater management practices under construction to ensure that they are constructed in conformance with the SWPPP, all areas of disturbance that have not achieved *final stabilization,* all points of *discharge* to natural surface waterbodies located within, or immediately adjacent to, the property boundaries of the *construction site*, and all points of *discharge* from the *construction site*.

4. The *qualified inspector* shall prepare an inspection report subsequent to each and every inspection. At a minimum, the inspection report shall include and/or address the following:

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a. Date and time of inspection;

b. Name and title of person(s) performing inspection;

c. A description of the weather and soil conditions (e.g. dry, wet, saturated) at the time of the inspection;

d. A description of the condition of the runoff at all points of *discharge* from the *construction site*. This shall include identification of any *discharges* of sediment from the *construction site*. Include *discharges* from conveyance systems (i.e. pipes, culverts, ditches, etc.) and overland flow;

e. A description of the condition of all natural surface waterbodies located within, or immediately adjacent to, the property boundaries of the *construction site* which receive runoff from disturbed areas. This shall include identification of any *discharges* of sediment to the surface waterbody;

f. Identification of all erosion and sediment control practices and pollution prevention measures that need repair or maintenance;

g. Identification of all erosion and sediment control practices and pollution prevention measures that were not installed properly or are not functioning as designed and need to be reinstalled or replaced;

h. Description and sketch of areas with active soil disturbance activity, areas that have been disturbed but are inactive at the time of the inspection, and areas that have been stabilized (temporary and/or final) since the last inspection;

i. Current phase of construction of all post-construction stormwater management practices and identification of all construction that is not in conformance with the SWPPP and technical standards;

j. Corrective action(s) that must be taken to install, repair, replace or maintain erosion and sediment control practices and pollution prevention measures; and to correct deficiencies identified with the construction of the post-construction stormwater management practice(s);

k. Identification and status of all corrective actions that were required by previous inspection; and

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l. Digital photographs, with date stamp, that clearly show the condition of all practices that have been identified as needing corrective actions. The *qualified inspector* shall attach paper color copies of the digital photographs to the inspection report being maintained onsite within seven (7) calendar days of the date of the inspection. The *qualified inspector* shall also take digital photographs, with date stamp, that clearly show the condition of the practice(s) after the corrective action has been completed. The *qualified inspector* shall attach paper color copies of the digital photographs to the inspection report that documents the completion of the corrective action work within seven (7) calendar days of that inspection.

5. Within one business day of the completion of an inspection, the *qualified inspector* shall notify the *owner or operator* and appropriate contractor or subcontractor identified in Part III.A.6. of this permit of any corrective actions that need to be taken. The contractor or subcontractor shall begin implementing the corrective actions within one business day of this notification and shall complete the corrective actions in a reasonable time frame.

6. All inspection reports shall be signed by the *qualified inspector.* Pursuant to Part II.D.2. of this permit, the inspection reports shall be maintained on site with the SWPPP.

## Part V. TERMINATION OF PERMIT COVERAGE

### A. Termination of Permit Coverage

1. An *owner or operator* that is eligible to terminate coverage under this permit must submit a completed NOT form to the address in Part II.B.1 of this permit. The NOT form shall be one which is associated with this permit, signed in accordance with Part VII.H of this permit.

2. An *owner or operator* may terminate coverage when one or more the following conditions have been met:

   a. Total project completion - All *construction activity* identified in the SWPPP has been completed; and all areas of disturbance have achieved *final stabilization*; and all temporary, structural erosion and sediment control measures have been removed; and all post-construction stormwater management practices have been constructed in conformance with the SWPPP and are operational;

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b. Planned shutdown with partial project completion - All soil disturbance activities have ceased; and all areas disturbed as of the project shutdown date have achieved *final stabilization*; and all temporary, structural erosion and sediment control measures have been removed; and all post-construction stormwater management practices required for the completed portion of the project have been constructed in conformance with the SWPPP and are operational;

c. A new *owner or operator* has obtained coverage under this permit in accordance with Part II.F. of this permit.

d. The *owner or operator* obtains coverage under an alternative SPDES general permit or an individual SPDES permit.

3. For *construction activities* meeting subdivision 2a. or 2b. of this Part, the *owner or operator* shall have the *qualified inspector* perform a final site inspection prior to submitting the NOT. The *qualified inspector* shall, by signing the "*Final Stabilization*" and "Post-Construction Stormwater Management Practice certification statements on the NOT, certify that all the requirements in Part V.A.2.a. or b. of this permit have been achieved.

4. For *construction activities* that are subject to the requirements of a *regulated, traditional land use control MS4* and meet subdivision 2a. or 2b. of this Part, the *owner or operator* shall have the *regulated, traditional land use control MS4* sign the "MS4 Acceptance" statement on the NOT in accordance with the requirements in Part VII.H. of this permit. The *regulated, traditional land use control MS4* official, by signing this statement, has determined that it is acceptable for the *owner or operator* to submit the NOT in accordance with the requirements of this Part. The *regulated, traditional land use control MS4* can make this determination by performing a final site inspection themselves or by accepting the *qualified inspector*'s final site inspection certification(s) required in Part V.A.3. of this permit.

5. For *construction activities* that require post-construction stormwater management practices and meet subdivision 2a. of this Part, the *owner or operator* must, prior to submitting the NOT, ensure one of the following:

a. the post-construction stormwater management practice(s) and any right-of-way(s) needed to maintain such practice(s) have been deeded to the municipality in which the practice(s) is located,

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b. an executed maintenance agreement is in place with the municipality that will maintain the post-construction stormwater management practice(s),

c. for post-construction stormwater management practices that are privately owned, the *owner or operator* has a mechanism in place that requires operation and maintenance of the practice(s) in accordance with the operation and maintenance plan, such as a deed covenant in the *owner or operator's* deed of record,

d. for post-construction stormwater management practices that are owned by a public or private institution (e.g. school, university, hospital), government agency or authority, or public utility; the *owner or operator* has policy and procedures in place that ensures operation and maintenance of the practices in accordance with the operation and maintenance plan.

## Part VI. REPORTING AND RETENTION RECORDS

### A. Record Retention

The *owner or operator* shall retain a copy of the NOI, NOI Acknowledgment Letter, SWPPP, MS4 SWPPP Acceptance form and any inspection reports that were prepared in conjunction with this permit for a period of at least five (5) years from the date that the Department receives a complete NOT submitted in accordance with Part V. of this general permit.

### B. Addresses

With the exception of the NOI, NOT, and MS4 SWPPP Acceptance form (which must be submitted to the address referenced in Part II.B.1 of this permit), all written correspondence requested by the Department, including individual permit applications, shall be sent to the address of the appropriate DOW Water (SPDES) Program contact at the Regional Office listed in Appendix F.

## Part VII. STANDARD PERMIT CONDITIONS

### A. Duty to Comply

The *owner or operator* must comply with all conditions of this permit. All contractors and subcontractors associated with the project must comply with the terms of the SWPPP. Any non-compliance with this permit constitutes a violation of the Clean Water

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Act (CWA) and the ECL and is grounds for an enforcement action against the *owner or operator* and/or the contractor/subcontractor; permit revocation, suspension or modification; or denial of a permit renewal application. Upon a finding of significant non-compliance with this permit or the applicable SWPPP, the Department may order an immediate stop to all *construction activity* at the site until the non-compliance is remedied. The stop work order shall be in writing, shall describe the non-compliance in detail, and shall be sent to the *owner or operator*.

If any human remains or archaeological remains are encountered during excavation, the *owner or operator* must immediately cease, or cause to cease, all *construction activity* in the area of the remains and notify the appropriate Regional Water Engineer (RWE). *Construction activity* shall not resume until written permission to do so has been received from the RWE.

**B. Continuation of the Expired General Permit**

This permit expires five (5) years from the effective date. If a new general permit is not issued prior to the expiration of this general permit, an *owner or operator* with coverage under this permit may continue to operate and *discharge* in accordance with the terms and conditions of this general permit, if it is extended pursuant to the State Administrative Procedure Act and 6 NYCRR Part 621, until a new general permit is issued.

**C. Enforcement**

Failure of the *owner or operator,* its contractors, subcontractors, agents and/or assigns to strictly adhere to any of the permit requirements contained herein shall constitute a violation of this permit. There are substantial criminal, civil, and administrative penalties associated with violating the provisions of this permit. Fines of up to $37,500 per day for each violation and imprisonment for up to fifteen (15) years may be assessed depending upon the nature and degree of the offense.

**D. Need to Halt or Reduce Activity Not a Defense**

It shall not be a defense for an *owner or operator* in an enforcement action that it would have been necessary to halt or reduce the *construction activity* in order to maintain compliance with the conditions of this permit.

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## E. Duty to Mitigate

The *owner or operator* and its contractors and subcontractors shall take all reasonable steps to *minimize* or prevent any *discharge* in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

## F. Duty to Provide Information

The *owner or operator* shall furnish to the Department, within a reasonable specified time period of a written request, all documentation necessary to demonstrate eligibility and any information to determine compliance with this permit or to determine whether cause exists for modifying or revoking this permit, or suspending or denying coverage under this permit, in accordance with the terms and conditions of this permit. The NOI, SWPPP and inspection reports required by this permit are public documents that the *owner or operator* must make available for review and copying by any person within five (5) business days of the *owner or operator* receiving a written request by any such person to review these documents. Copying of documents will be done at the requester's expense.

## G. Other Information

When the *owner or operator* becomes aware that they failed to submit any relevant facts, or submitted incorrect information in the NOI or in any of the documents required by this permit , or have made substantive revisions to the SWPPP (e.g. the scope of the project changes significantly, the type of post-construction stormwater management practice(s) changes, there is a reduction in the sizing of the post-construction stormwater management practice, or there is an increase in the disturbance area or *impervious area*), which were not reflected in the original NOI submitted to the Department, they shall promptly submit such facts or information to the Department using the contact information in Part II.A. of this permit. Failure of the *owner or operator* to correct or supplement any relevant facts within five (5) business days of becoming aware of the deficiency shall constitute a violation of this permit.

## H. Signatory Requirements

1. All NOIs and NOTs shall be signed as follows:

    a. For a corporation these forms shall be signed by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:

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(i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or

(ii) the manager of one or more manufacturing, production or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

b. For a partnership or sole proprietorship these forms shall be signed by a general partner or the proprietor, respectively; or

c. For a municipality, State, Federal, or other public agency these forms shall be signed by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:

(i) the chief executive officer of the agency, or

(ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).

2. The SWPPP and other information requested by the Department shall be signed by a person described in Part VII.H.1. of this permit or by a duly authorized representative of that person. A person is a duly authorized representative only if:

a. The authorization is made in writing by a person described in Part VII.H.1. of this permit;

b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field,

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superintendent, position of *equivalent* responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position) and,

c. The written authorization shall include the name, title and signature of the authorized representative and be attached to the SWPPP.

3. All inspection reports shall be signed by the *qualified inspector* that performs the inspection.

4. The MS4 SWPPP Acceptance form shall be signed by the principal executive officer or ranking elected official from the *regulated, traditional land use control MS4,* or by a duly authorized representative of that person.

   It shall constitute a permit violation if an incorrect and/or improper signatory authorizes any required forms, SWPPP and/or inspection reports.

## I. Property Rights

The issuance of this permit does not convey any property rights of any sort, nor any exclusive privileges, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations. *Owners or operators* must obtain any applicable conveyances, easements, licenses and/or access to real property prior to *commencing construction activity*.

## J. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

## K. Requirement to Obtain Coverage Under an Alternative Permit

1. The Department may require any owner or operator authorized by this permit to apply for and/or obtain either an individual SPDES permit or another SPDES general permit. When the Department requires any discharger authorized by a general permit to apply for an individual SPDES permit, it shall notify the discharger in writing that a permit application is required. This notice shall

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include a brief statement of the reasons for this decision, an application form, a statement setting a time frame for the owner or operator to file the application for an individual SPDES permit, and a deadline, not sooner than 180 days from owner or operator receipt of the notification letter, whereby the authorization to discharge under this general permit shall be terminated. Applications must be submitted to the appropriate Permit Administrator at the Regional Office. The Department may grant additional time upon demonstration, to the satisfaction of the Department, that additional time to apply for an alternative authorization is necessary or where the Department has not provided a permit determination in accordance with Part 621 of this Title.

2. When an individual SPDES permit is issued to a discharger authorized to *discharge* under a general SPDES permit for the same *discharge*(s), the general permit authorization for outfalls authorized under the individual SPDES permit is automatically terminated on the effective date of the individual permit unless termination is earlier in accordance with 6 NYCRR Part 750.

## L. Proper Operation and Maintenance

The *owner or operator* shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the *owner or operator* to achieve compliance with the conditions of this permit and with the requirements of the SWPPP.

## M. Inspection and Entry

The *owner or operator* shall allow an authorized representative of the Department, EPA, applicable county health department, or, in the case of a *construction site* which *discharges* through an *MS4*, an authorized representative of the *MS4* receiving the discharge, upon the presentation of credentials and other documents as may be required by law, to:

1. Enter upon the owner’s or operator's premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this permit;

2. Have access to and copy at reasonable times, any records that must be kept under the conditions of this permit; and

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3. Inspect at reasonable times any facilities or equipment (including monitoring and control equipment), practices or operations regulated or required by this permit.

4. Sample or monitor at reasonable times, for purposes of assuring permit compliance or as otherwise authorized by the Act or ECL, any substances or parameters at any location.

## N. Permit Actions

This permit may, at any time, be modified, suspended, revoked, or renewed by the Department in accordance with 6 NYCRR Part 621. The filing of a request by the *owner or operator* for a permit modification, revocation and reissuance, termination, a notification of planned changes or anticipated noncompliance does not limit, diminish and/or stay compliance with any terms of this permit.

## O. Definitions

Definitions of key terms are included in Appendix A of this permit.

## P. Re-Opener Clause

1. If there is evidence indicating potential or realized impacts on water quality due to any stormwater discharge associated with construction activity covered by this permit, the owner or operator of such discharge may be required to obtain an individual permit or alternative general permit in accordance with Part VII.K. of this permit or the permit may be modified to include different limitations and/or requirements.

2. Any Department initiated permit modification, suspension or revocation will be conducted in accordance with 6 NYCRR Part 621, 6 NYCRR 750-1.18, and 6 NYCRR 750-1.20.

## Q. Penalties for Falsification of Forms and Reports

In accordance with 6NYCRR Part 750-2.4 and 750-2.5, any person who knowingly makes any false material statement, representation, or certification in any application, record, report or other document filed or required to be maintained under this permit, including reports of compliance or noncompliance shall, upon conviction, be punished in accordance with ECL §71-1933 and or Articles 175 and 210 of the New York State Penal Law.

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## R. Other Permits

Nothing in this permit relieves the *owner or operator* from a requirement to obtain any other permits required by law.

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## APPENDIX A – Acronyms and Definitions

### Acronyms

APO – Agency Preservation Officer
BMP – Best Management Practice
CPESC – Certified Professional in Erosion and Sediment Control
Cpv – Channel Protection Volume
CWA – Clean Water Act (or the Federal Water Pollution Control Act, 33 U.S.C. §1251 et seq)
DOW – Division of Water
EAF – Environmental Assessment Form
ECL - Environmental Conservation Law
EPA – U. S. Environmental Protection Agency
HSG – Hydrologic Soil Group
MS4 – Municipal Separate Storm Sewer System
NOI – Notice of Intent
NOT – Notice of Termination
NPDES – National Pollutant Discharge Elimination System
OPRHP – Office of Parks, Recreation and Historic Places
Qf – Extreme Flood
Qp – Overbank Flood
RRv – Runoff Reduction Volume
RWE – Regional Water Engineer
SEQR – State Environmental Quality Review
SEQRA - State Environmental Quality Review Act
SHPA – State Historic Preservation Act
SPDES – State Pollutant Discharge Elimination System
SWPPP – Stormwater Pollution Prevention Plan
TMDL – Total Maximum Daily Load
UPA – Uniform Procedures Act
USDA – United States Department of Agriculture
WQv – Water Quality Volume

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**Definitions**

All definitions in this section are solely for the purposes of this permit.

**Agricultural Building –** a structure designed and constructed to house farm implements, hay, grain, poultry, livestock or other horticultural products; excluding any structure designed, constructed or used, in whole or in part, for human habitation, as a place of employment where agricultural products are processed, treated or packaged, or as a place used by the public.

**Agricultural Property** –means the land for construction of a barn, *agricultural building*, silo, stockyard, pen or other structural practices identified in Table II in the "Agricultural Management Practices Catalog for Nonpoint Source Pollution in New York State" prepared by the Department in cooperation with agencies of New York Nonpoint Source Coordinating Committee (dated June 2007).

**Alter Hydrology from Pre to Post-Development Conditions -** means the post-development peak flow rate(s) has increased by more than 5% of the pre-developed condition for the design storm of interest (e.g. 10 yr and 100 yr).

**Combined Sewer -** means a sewer that is designed to collect and convey both "sewage" and "stormwater".

**Commence (Commencement of) Construction Activities -** means the initial disturbance of soils associated with clearing, grading or excavation activities; or other construction related activities that disturb or expose soils such as demolition, stockpiling of fill material, and the initial installation of erosion and sediment control practices required in the SWPPP. See definition for "*Construction Activity(ies)*" also.

**Construction Activity(ies) -** means any clearing, grading, excavation, filling, demolition or stockpiling activities that result in soil disturbance. Clearing activities can include, but are not limited to, logging equipment operation, the cutting and skidding of trees, stump removal and/or brush root removal. Construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of a facility.

**Construction Site** – means the land area where *construction activity(ies)* will occur. See definition for "*Commence (Commencement of) Construction Activities"* and "*Larger Common Plan of Development or Sale" also.*

**Dewatering** – means the act of draining rainwater and/or groundwater from building foundations, vaults or excavations/trenches.

**Direct Discharge (to a specific surface waterbody) -** means that runoff flows from a *construction site* by overland flow and the first point of discharge is the specific surface waterbody, or runoff flows from a *construction site* to a separate storm sewer system

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and the first point of discharge from the separate storm sewer system is the specific surface waterbody.

**Discharge(s)** - means any addition of any pollutant to waters of the State through an outlet or *point source*.

**Embankment** –means an earthen or rock slope that supports a road/highway.

**Endangered or Threatened Species** – see 6 NYCRR Part 182 of the Department's rules and regulations for definition of terms and requirements.

**Environmental Conservation Law (ECL)** - means chapter 43-B of the Consolidated Laws of the State of New York, entitled the Environmental Conservation Law.

**Equivalent (Equivalence)** – means that the practice or measure meets all the performance, longevity, maintenance, and safety objectives of the technical standard and will provide an equal or greater degree of water quality protection.

**Final Stabilization -** means that all soil disturbance activities have ceased and a uniform, perennial vegetative cover with a density of eighty (80) percent over the entire pervious surface has been established; or other equivalent stabilization measures, such as permanent landscape mulches, rock rip-rap or washed/crushed stone have been applied on all disturbed areas that are not covered by permanent structures, concrete or pavement.

**General SPDES permit** - means a SPDES permit issued pursuant to 6 NYCRR Part 750-1.21 and Section 70-0117 of the ECL authorizing a category of discharges.

**Groundwater(s)** - means waters in the saturated zone. The saturated zone is a subsurface zone in which all the interstices are filled with water under pressure greater than that of the atmosphere. Although the zone may contain gas-filled interstices or interstices filled with fluids other than water, it is still considered saturated.

**Historic Property** – means any building, structure, site, object or district that is listed on the State or National Registers of Historic Places or is determined to be eligible for listing on the State or National Registers of Historic Places.

**Impervious Area (Cover) -** means all impermeable surfaces that cannot effectively infiltrate rainfall. This includes paved, concrete and gravel surfaces (i.e. parking lots, driveways, roads, runways and sidewalks); building rooftops and miscellaneous impermeable structures such as patios, pools, and sheds.

**Infeasible** – means not technologically possible, or not economically practicable and achievable in light of best industry practices.

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**Larger Common Plan of Development or Sale -** means a contiguous area where multiple separate and distinct *construction activities* are occurring, or will occur, under one plan. The term “plan” in “larger common plan of development or sale” is broadly defined as any announcement or piece of documentation (including a sign, public notice or hearing, marketing plan, advertisement, drawing, permit application, State Environmental Quality Review Act (SEQRA) environmental assessment form or other documents, zoning request, computer design, etc.) or physical demarcation (including boundary signs, lot stakes, surveyor markings, etc.) indicating that *construction activities* may occur on a specific plot.

For discrete construction projects that are located within a larger common plan of development or sale that are at least 1/4 mile apart, each project can be treated as a separate plan of development or sale provided any interconnecting road, pipeline or utility project that is part of the same “common plan” is not concurrently being disturbed.

**Minimize** – means reduce and/or eliminate to the extent achievable using control measures (including best management practices) that are technologically available and economically practicable and achievable in light of best industry practices.

**Municipal Separate Storm Sewer (MS4)** - a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):

(i) Owned or operated by a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the CWA that discharges to surface waters of the State*;*
(ii) Designed or used for collecting or conveying stormwater;
(iii) Which is not a *combined sewer*; and
(iv) Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2.

**National Pollutant Discharge Elimination System (NPDES)** - means the national system for the issuance of wastewater and stormwater permits under the Federal Water Pollution Control Act (Clean Water Act).

**Natural Buffer** –means an undisturbed area with natural cover running along a surface water (e.g. wetland, stream, river, lake, etc.).

**New Development** – means any land disturbance that does not meet the definition of Redevelopment Activity included in this appendix.

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**New York State Erosion and Sediment Control Certificate Program** – a certificate program that establishes and maintains a process to identify and recognize individuals who are capable of developing, designing, inspecting and maintaining erosion and sediment control plans on projects that disturb soils in New York State. The certificate program is administered by the New York State Conservation District Employees Association.

**NOI Acknowledgment Letter** - means the letter that the Department sends to an owner or operator to acknowledge the Department's receipt and acceptance of a complete Notice of Intent. This letter documents the owner's or operator's authorization to discharge in accordance with the general permit for stormwater discharges from *construction activity*.

**Nonpoint Source** - means any source of water pollution or pollutants which is not a discrete conveyance or *point source* permitted pursuant to Title 7 or 8 of Article 17 of the Environmental Conservation Law (see ECL Section 17-1403).

**Overbank** –means flow events that exceed the capacity of the stream channel and spill out into the adjacent floodplain.

**Owner or Operator** - means the person, persons or legal entity which owns or leases the property on which the *construction activity* is occurring; an entity that has operational control over the construction plans and specifications, including the ability to make modifications to the plans and specifications; and/or an entity that has day-to-day operational control of those activities at a project that are necessary to ensure compliance with the permit conditions.

**Performance Criteria** – means the design criteria listed under the "Required Elements" sections in Chapters 5, 6 and 10 of the technical standard, New York State Stormwater Management Design Manual, dated January 2015. It does not include the Sizing Criteria (i.e. WQv, RRv, Cpv, Qp and Qf ) in Part I.C.2. of the permit.

**Point Source** - means any discernible, confined and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, vessel or other floating craft, or landfill leachate collection system from which *pollutants* are or may be discharged.

**Pollutant** - means dredged spoil, filter backwash, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand and industrial, municipal, agricultural waste and ballast discharged into water; which may cause or might reasonably be expected to cause pollution of the waters of the state in contravention of the standards or guidance values adopted as provided in 6 NYCRR Parts 700 et seq .

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**Qualified Inspector** - means a person that is knowledgeable in the principles and practices of erosion and sediment control, such as a licensed Professional Engineer, Certified Professional in Erosion and Sediment Control (CPESC), Registered Landscape Architect, New York State Erosion and Sediment Control Certificate Program holder or other Department endorsed individual(s).

It can also mean someone working under the direct supervision of, and at the same company as, the licensed Professional Engineer or Registered Landscape Architect, provided that person has training in the principles and practices of erosion and sediment control. Training in the principles and practices of erosion and sediment control means that the individual working under the direct supervision of the licensed Professional Engineer or Registered Landscape Architect has received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity. After receiving the initial training, the individual working under the direct supervision of the licensed Professional Engineer or Registered Landscape Architect shall receive four (4) hours of training every three (3) years.

It can also mean a person that meets the *Qualified Professional* qualifications in addition to the *Qualified Inspector* qualifications.

Note: Inspections of any post-construction stormwater management practices that include structural components, such as a dam for an impoundment, shall be performed by a licensed Professional Engineer.

**Qualified Professional -** means a person that is knowledgeable in the principles and practices of stormwater management and treatment, such as a licensed Professional Engineer, Registered Landscape Architect or other Department endorsed individual(s). Individuals preparing SWPPPs that require the post-construction stormwater management practice component must have an understanding of the principles of hydrology, water quality management practice design, water quantity control design, and, in many cases, the principles of hydraulics. All components of the SWPPP that involve the practice of engineering, as defined by the NYS Education Law (see Article 145), shall be prepared by, or under the direct supervision of, a professional engineer licensed to practice in the State of New York.

**Redevelopment Activity(ies)** – means the disturbance and reconstruction of existing impervious area, including impervious areas that were removed from a project site within five (5) years of preliminary project plan submission to the local government (i.e. site plan, subdivision, etc.).

**Regulated, Traditional Land Use Control MS4 -** means a city, town or village with land use control authority that is authorized to discharge under New York State DEC's

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SPDES General Permit For Stormwater Discharges from Municipal Separate Stormwater Sewer Systems (MS4s) or the City of New York's Individual SPDES Permit for their Municipal Separate Storm Sewer Systems (NY-0287890).

**Routine Maintenance Activity -** means *construction activity* that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of a facility, including, but not limited to:

- Re-grading of gravel roads or parking lots,
- Cleaning and shaping of existing roadside ditches and culverts that maintains the approximate original line and grade, and hydraulic capacity of the ditch,
- Cleaning and shaping of existing roadside ditches that does not maintain the approximate original grade, hydraulic capacity and purpose of the ditch if the changes to the line and grade, hydraulic capacity or purpose of the ditch are installed to improve water quality and quantity controls (e.g. installing grass lined ditch),
- Placement of aggregate shoulder backing that stabilizes the transition between the road shoulder and the ditch or *embankment*,
- Full depth milling and filling of existing asphalt pavements, replacement of concrete pavement slabs, and similar work that does not expose soil or disturb the bottom six (6) inches of subbase material,
- Long-term use of equipment storage areas at or near highway maintenance facilities,
- Removal of sediment from the edge of the highway to restore a previously existing sheet-flow drainage connection from the highway surface to the highway ditch or *embankment*,
- Existing use of Canal Corp owned upland disposal sites for the canal, and
- Replacement of curbs, gutters, sidewalks and guide rail posts.

**Site limitations –** means site conditions that prevent the use of an infiltration technique and or infiltration of the total WQv. Typical site limitations include: seasonal high groundwater, shallow depth to bedrock, and soils with an infiltration rate less than 0.5 inches/hour. The existence of site limitations shall be confirmed and documented using actual field testing (i.e. test pits, soil borings, and infiltration test) or using information from the most current United States Department of Agriculture (USDA) Soil Survey for the County where the project is located.

**Sizing Criteria** – means the criteria included in Part I.C.2 of the permit that are used to size post-construction stormwater management control practices. The criteria include; Water Quality Volume (WQv), Runoff Reduction Volume (RRv), Channel Protection Volume (Cpv), *Overbank* Flood (Qp), and Extreme Flood (Qf).

**State Pollutant Discharge Elimination System (SPDES)** - means the system established pursuant to Article 17 of the ECL and 6 NYCRR Part 750 for issuance of permits authorizing discharges to the waters of the state.

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**Steep Slope** – means land area designated on the current United States Department of Agriculture ("USDA") Soil Survey as Soil Slope Phase "D", (provided the map unit name is inclusive of slopes greater than 25%) , or Soil Slope Phase E or F, (regardless of the map unit name), or a combination of the three designations.

**Streambank** – as used in this permit, means the terrain alongside the bed of a creek or stream. The bank consists of the sides of the channel, between which the flow is confined.

**Stormwater Pollution Prevention Plan (SWPPP)** – means a project specific report, including construction drawings, that among other things: describes the construction activity(ies), identifies the potential sources of pollution at the *construction site*; describes and shows the stormwater controls that will be used to control the pollutants (i.e. erosion and sediment controls; for many projects, includes post-construction stormwater management controls); and identifies procedures the *owner or operator* will implement to comply with the terms and conditions of the permit. See Part III of the permit for a complete description of the information that must be included in the SWPPP.

**Surface Waters of the State** - shall be construed to include lakes, bays, sounds, ponds, impounding reservoirs, springs, rivers, streams, creeks, estuaries, marshes, inlets, canals, the Atlantic ocean within the territorial seas of the state of New York and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, public or private (except those private waters that do not combine or effect a junction with natural surface waters), which are wholly or partially within or bordering the state or within its jurisdiction. Waters of the state are further defined in 6 NYCRR Parts 800 to 941.

**Temporarily Ceased** – means that an existing disturbed area will not be disturbed again within 14 calendar days of the previous soil disturbance.

**Temporary Stabilization** - means that exposed soil has been covered with material(s) as set forth in the technical standard, New York Standards and Specifications for Erosion and Sediment Control, to prevent the exposed soil from eroding. The materials can include, but are not limited to, mulch, seed and mulch, and erosion control mats (e.g. jute twisted yarn, excelsior wood fiber mats).

**Total Maximum Daily Loads** (TMDLs) - A TMDL is the sum of the allowable loads of a single pollutant from all contributing point and *nonpoint source*s. It is a calculation of the maximum amount of a pollutant that a waterbody can receive on a daily basis and still meet *water quality standards*, and an allocation of that amount to the pollutant's sources. A TMDL stipulates wasteload allocations (WLAs) for *point source* discharges, load allocations (LAs) for *nonpoint source*s, and a margin of safety (MOS).

**Trained Contractor -** means an employee from the contracting (construction) company, identified in Part III.A.6., that has received four (4) hours of Department endorsed

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training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity. After receiving the initial training, the *trained contractor* shall receive four (4) hours of training every three (3) years.

It can also mean an employee from the contracting (construction) company, identified in Part III.A.6., that meets the *qualified inspector* qualifications (e.g. licensed Professional Engineer, Certified Professional in Erosion and Sediment Control (CPESC), Registered Landscape Architect, New York State Erosion and Sediment Control Certificate Program holder, or someone working under the direct supervision of, and at the same company as, the licensed Professional Engineer or Registered Landscape Architect, provided they have received four (4) hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity).

The *trained contractor* is responsible for the day to day implementation of the SWPPP.

**Uniform Procedures Act (UPA) Permit** - means a permit required under 6 NYCRR Part 621 of the Environmental Conservation Law (ECL), Article 70.

**Water Quality Standard** - means such measures of purity or quality for any waters in relation to their reasonable and necessary use as promulgated in 6 NYCRR Part 700 et seq.

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## APPENDIX B – Required SWPPP Components by Project Type

### Table 1
### Construction Activities that Require the Preparation of a SWPPP That Only Includes Erosion and Sediment Controls

**The following construction activities that involve soil disturbances of one (1) or more acres of land, but less than five (5) acres:**

- Single family home not located in one of the watersheds listed in Appendix C or not *directly discharging* to one of the 303(d) segments listed in Appendix E
- Single family residential subdivisions with 25% or less impervious cover at total site build-out and not located in one of the watersheds listed in Appendix C and not directly discharging to one of the 303(d) segments listed in Appendix E
- Construction of a barn or other *agricultural building*, silo, stock yard or pen.

**The following construction activities that involve soil disturbances between five thousand (5000) square feet and one (1) acre of land:**

All construction activities located in the watersheds identified in Appendix D that involve soil disturbances between five thousand (5,000) square feet and one (1) acre of land.

**The following construction activities that involve soil disturbances of one (1) or more acres of land:**

- Installation of underground, linear utilities; such as gas lines, fiber-optic cable, cable TV, electric, telephone, sewer mains, and water mains
- Environmental enhancement projects, such as wetland mitigation projects, stormwater retrofits and stream restoration projects
- Pond construction
- Linear bike paths running through areas with vegetative cover, including bike paths surfaced with an impervious cover
- Cross-country ski trails and walking/hiking trails
- Sidewalk, bike path or walking path projects, surfaced with an impervious cover, that are not part of residential, commercial or institutional development;
- Sidewalk, bike path or walking path projects, surfaced with an impervious cover, that include incidental shoulder or curb work along an existing highway to support construction of the sidewalk, bike path or walking path.
- Slope stabilization projects
- Slope flattening that changes the grade of the site, but does not significantly change the runoff characteristics

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## Table 1 (Continued) CONSTRUCTION ACTIVITIES THAT REQUIRE THE PREPARATION OF A SWPPP THAT ONLY INCLUDES EROSION AND SEDIMENT CONTROLS

**The following construction activities that involve soil disturbances of one (1) or more acres of land:**

- Spoil areas that will be covered with vegetation
- Vegetated open space projects (i.e. recreational parks, lawns, meadows, fields, downhill ski trails) excluding projects that *alter hydrology from pre to post development* conditions,
- Athletic fields (natural grass) that do not include the construction or reconstruction of *impervious area* and do not *alter hydrology from pre to post development* conditions
- Demolition project where vegetation will be established, and no redevelopment is planned
- Overhead electric transmission line project that does not include the construction of permanent access roads or parking areas surfaced with *impervious cover*
- Structural practices as identified in Table II in the "Agricultural Management Practices Catalog for Nonpoint Source Pollution in New York State", excluding projects that involve soil disturbances of greater than five acres and construction activities that include the construction or reconstruction of impervious area
- Temporary access roads, median crossovers, detour roads, lanes, or other temporary impervious areas that will be restored to pre-construction conditions once the construction activity is complete

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## Table 2

### CONSTRUCTION ACTIVITIES THAT REQUIRE THE PREPARATION OF A SWPPP THAT INCLUDES POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES

**The following construction activities that involve soil disturbances of one (1) or more acres of land:**

- Single family home located in one of the watersheds listed in Appendix C or *directly discharging* to one of the 303(d) segments listed in Appendix E
- Single family home that disturbs five (5) or more acres of land
- Single family residential subdivisions located in one of the watersheds listed in Appendix C or *directly discharging* to one of the 303(d) segments listed in Appendix E
- Single family residential subdivisions that involve soil disturbances of between one (1) and five (5) acres of land with greater than 25% impervious cover at total site build-out
- Single family residential subdivisions that involve soil disturbances of five (5) or more acres of land, and single family residential subdivisions that involve soil disturbances of less than five (5) acres that are part of a larger common plan of development or sale that will ultimately disturb five or more acres of land
- Multi-family residential developments; includes duplexes, townhomes, condominiums, senior housing complexes, apartment complexes, and mobile home parks
- Airports
- Amusement parks
- Breweries, cideries, and wineries, including establishments constructed on agricultural land
- Campgrounds
- Cemeteries that include the construction or reconstruction of impervious area (>5% of disturbed area) or *alter the hydrology from pre to post development* conditions
- Commercial developments
- Churches and other places of worship
- Construction of a barn or other *agricultural building* (e.g. silo) and structural practices as identified in Table II in the "Agricultural Management Practices Catalog for Nonpoint Source Pollution in New York State" that include the construction or reconstruction of *impervious area*, excluding projects that involve soil disturbances of less than five acres.
- Golf courses
- Institutional development; includes hospitals, prisons, schools and colleges
- Industrial facilities; includes industrial parks
- Landfills
- Municipal facilities; includes highway garages, transfer stations, office buildings, POTW's, water treatment plants, and water storage tanks
- Office complexes
- Playgrounds that include the construction or reconstruction of impervious area
- Sports complexes
- Racetracks; includes racetracks with earthen (dirt) surface
- Road construction or reconstruction, including roads constructed as part of the construction activities listed in Table 1

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## Table 2 (Continued)

### CONSTRUCTION ACTIVITIES THAT REQUIRE THE PREPARATION OF A SWPPP THAT INCLUDES POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES

**The following construction activities that involve soil disturbances of one (1) or more acres of land:**

- Parking lot construction or reconstruction, including parking lots constructed as part of the construction activities listed in Table 1
- Athletic fields (natural grass) that include the construction or reconstruction of impervious area (>5% of disturbed area) or *alter the hydrology from pre to post development* conditions
- Athletic fields with artificial turf
- Permanent access roads, parking areas, substations, compressor stations and well drilling pads, surfaced with *impervious cover,* and constructed as part of an over-head electric transmission line project, wind-power project, cell tower project, oil or gas well drilling project, sewer or water main project or other linear utility project
- Sidewalk, bike path or walking path projects, surfaced with an impervious cover, that are part of a residential, commercial or institutional development
- Sidewalk, bike path or walking path projects, surfaced with an impervious cover, that are part of a highway construction or reconstruction project
- All other construction activities that include the construction or reconstruction of *impervious area* or *alter the hydrology from pre to post development* conditions, and are not listed in Table 1

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## APPENDIX C – Watersheds Requiring Enhanced Phosphorus Removal

**Watersheds where *owners or operators* of construction activities identified in Table 2 of Appendix B must prepare a SWPPP that includes post-construction stormwater management practices designed in conformance with the Enhanced Phosphorus Removal Standards included in the technical standard, New York State Stormwater Management Design Manual ("Design Manual").**

- Entire New York City Watershed located east of the Hudson River **-** Figure 1
- Onondaga Lake Watershed **-** Figure 2
- Greenwood Lake Watershed **-**Figure 3
- Oscawana Lake Watershed – Figure 4
- Kinderhook Lake Watershed – Figure 5

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**Figure 1 - New York City Watershed East of the Hudson**

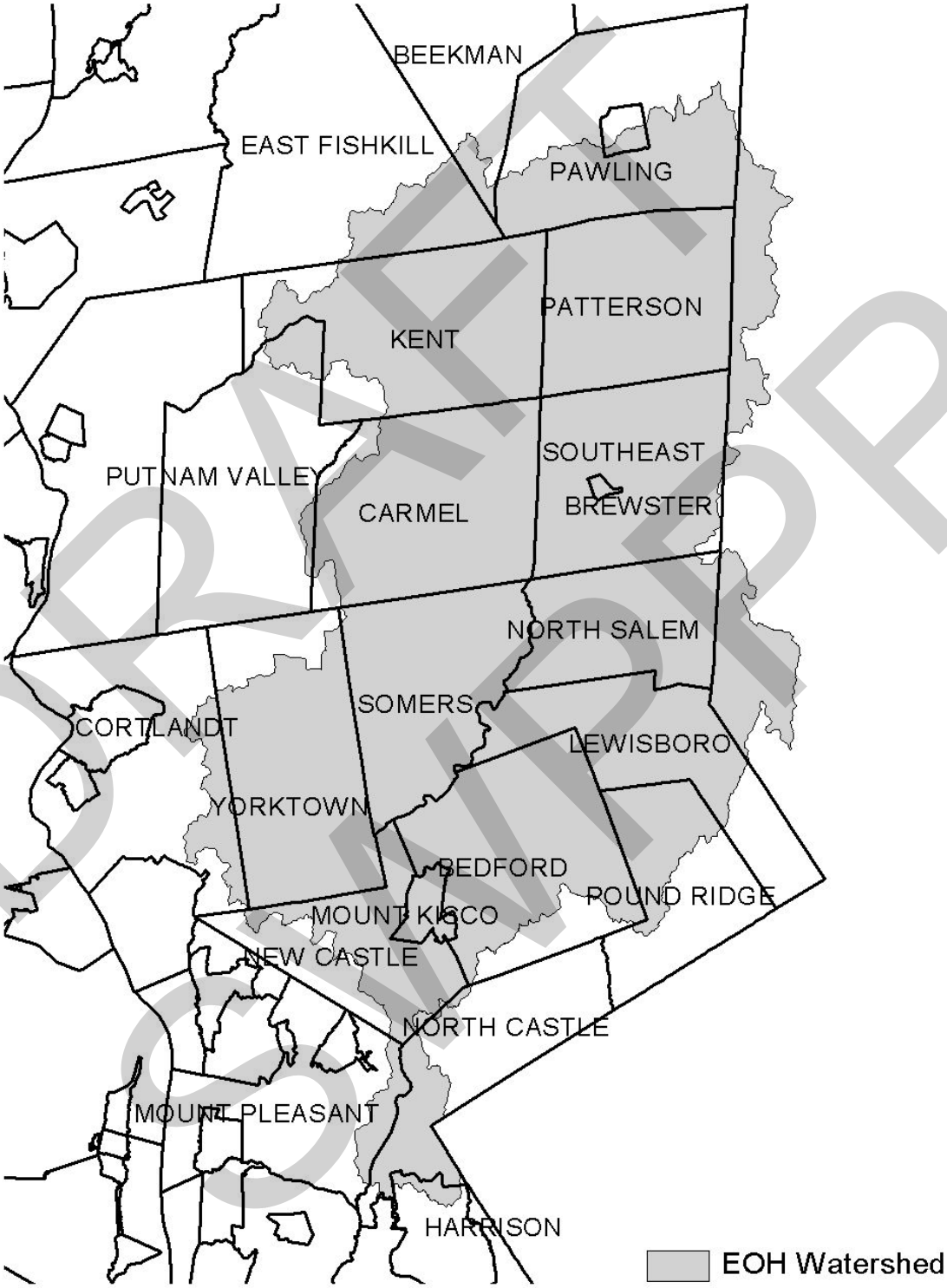


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**Figure 2 - Onondaga Lake Watershed**

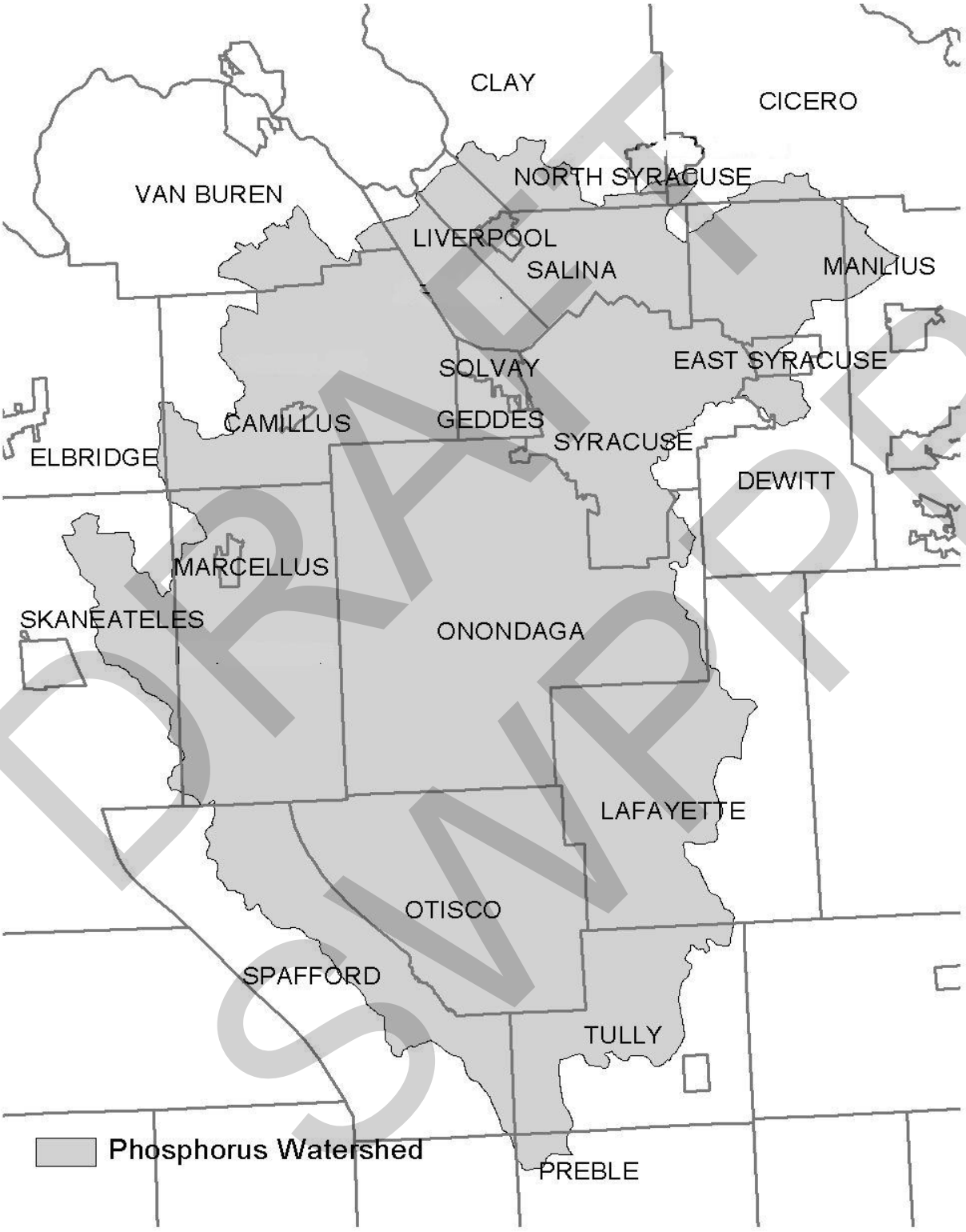


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**Figure 3 - Greenwood Lake Watershed**

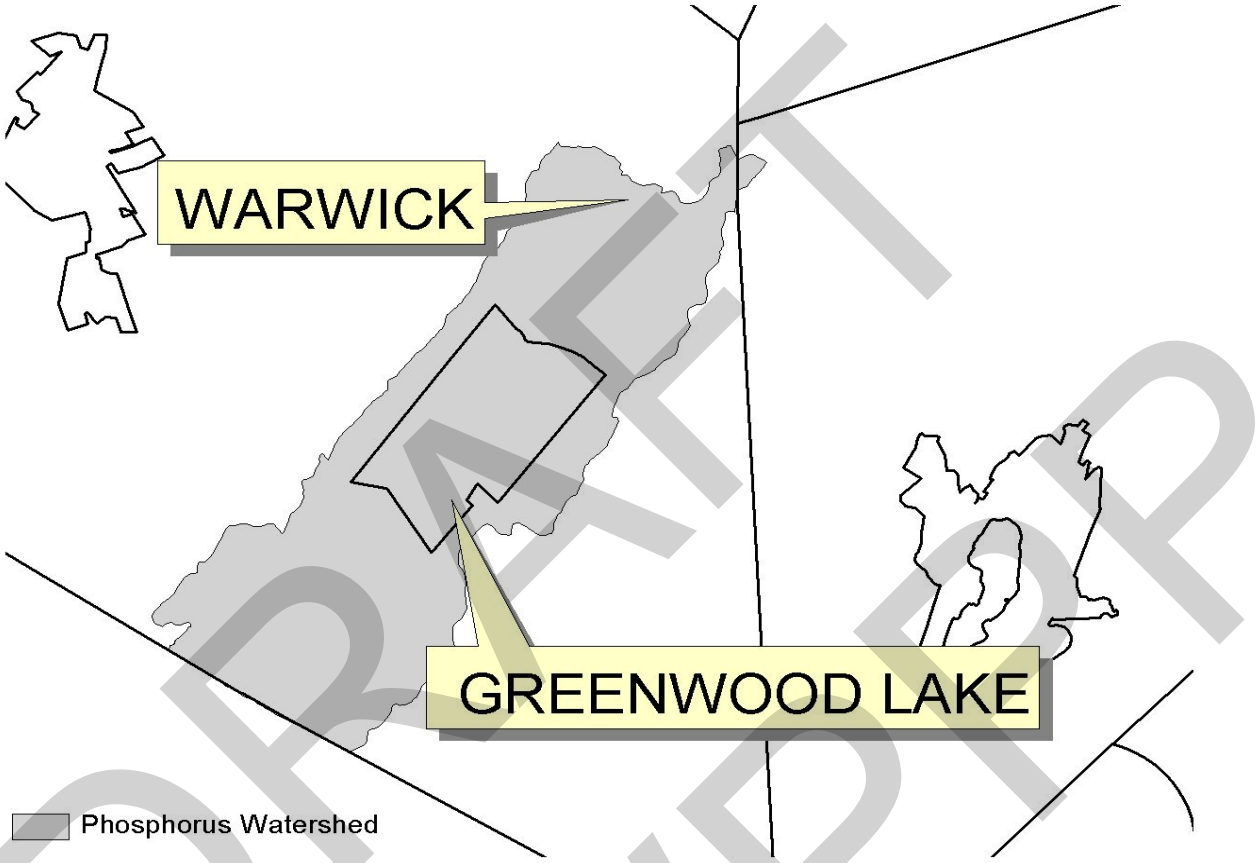


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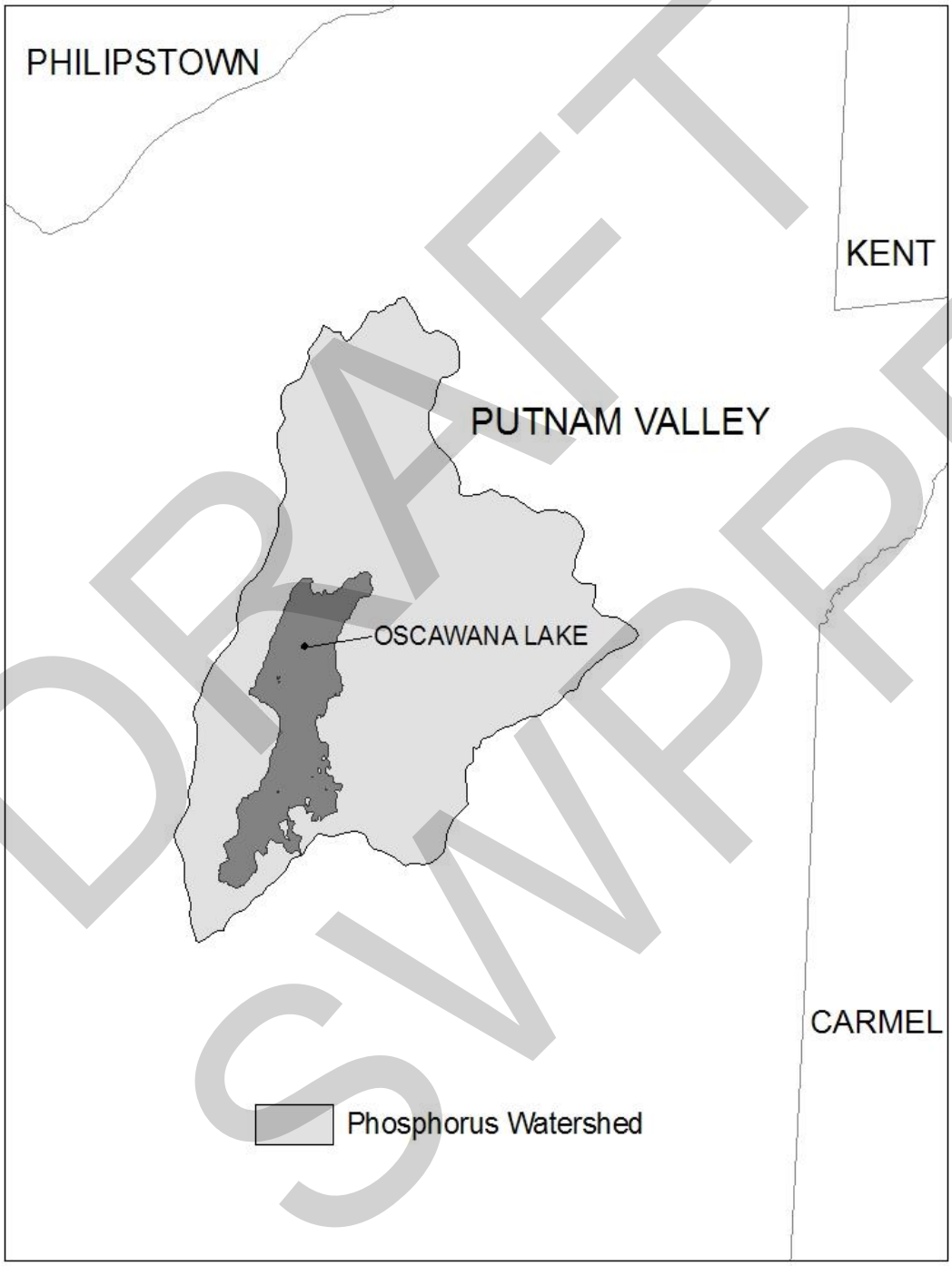
**Figure 4 - Oscawana Lake Watershed**

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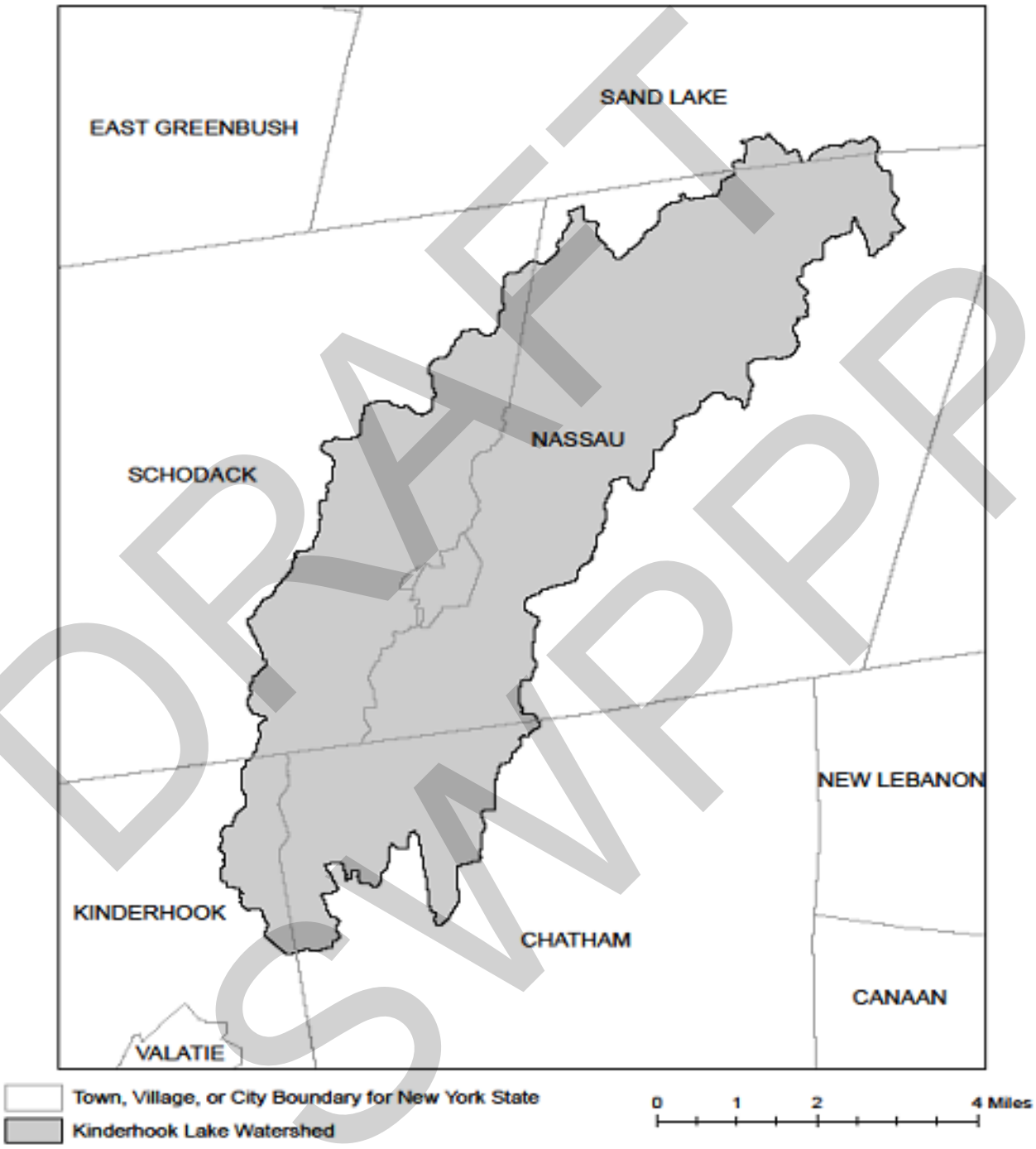
## Figure 5 - Kinderhook Lake Watershed

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## APPENDIX D – Watersheds with Lower Disturbance Threshold

**Watersheds where *owners or operators* of construction activities that involve soil disturbances between five thousand (5000) square feet and one (1) acre of land must obtain coverage under this permit.**

| |
|---|
| Entire New York City Watershed that is located east of the Hudson River **-** See Figure 1 in Appendix C |

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## APPENDIX E – 303(d) Segments Impaired by Construction Related Pollutant(s)

List of 303(d) segments impaired by pollutants related to *construction activity* (e.g. silt, sediment or nutrients). The list was developed using "The Final New York State 2016 Section 303(d) List of Impaired Waters Requiring a TMDL/Other Strategy" dated November 2016. *Owners or operators* of single family home and single family residential subdivisions with 25% or less total impervious cover at total site build-out that involve soil disturbances of one or more acres of land, but less than 5 acres, and *directly discharge* to one of the listed segments below shall prepare a SWPPP that includes post-construction stormwater management practices designed in conformance with the New York State Stormwater Management Design Manual ("Design Manual"), dated January 2015.

| COUNTY | WATERBODY | POLLUTANT |
|---|---|---|
| Albany | Ann Lee (Shakers) Pond, Stump Pond | Nutrients |
| Albany | Basic Creek Reservoir | Nutrients |
| Allegany | Amity Lake, Saunders Pond | Nutrients |
| Bronx | Long Island Sound, Bronx | Nutrients |
| Bronx | Van Cortlandt Lake | Nutrients |
| Broome | Fly Pond, Deer Lake, Sky Lake | Nutrients |
| Broome | Minor Tribs to Lower Susquehanna (north) | Nutrients |
| Broome | Whitney Point Lake/Reservoir | Nutrients |
| Cattaraugus | Allegheny River/Reservoir | Nutrients |
| Cattaraugus | Beaver (Alma) Lake | Nutrients |
| Cattaraugus | Case Lake | Nutrients |
| Cattaraugus | Linlyco/Club Pond | Nutrients |
| Cayuga | Duck Lake | Nutrients |
| Cayuga | Little Sodus Bay | Nutrients |
| Chautauqua | Bear Lake | Nutrients |
| Chautauqua | Chadakoin River and tribs | Nutrients |
| Chautauqua | Chautauqua Lake, North | Nutrients |
| Chautauqua | Chautauqua Lake, South | Nutrients |
| Chautauqua | Findley Lake | Nutrients |
| Chautauqua | Hulburt/Clymer Pond | Nutrients |
| Clinton | Great Chazy River, Lower, Main Stem | Silt/Sediment |
| Clinton | Lake Champlain, Main Lake, Middle | Nutrients |
| Clinton | Lake Champlain, Main Lake, North | Nutrients |
| Columbia | Kinderhook Lake | Nutrients |
| Columbia | Robinson Pond | Nutrients |
| Cortland | Dean Pond | Nutrients |

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## 303(d) Segments Impaired by Construction Related Pollutant(s)

| | | |
|---|---|---|
| Dutchess | Fall Kill and tribs | Nutrients |
| Dutchess | Hillside Lake | Nutrients |
| Dutchess | Wappingers Lake | Nutrients |
| Dutchess | Wappingers Lake | Silt/Sediment |
| Erie | Beeman Creek and tribs | Nutrients |
| Erie | Ellicott Creek, Lower, and tribs | Silt/Sediment |
| Erie | Ellicott Creek, Lower, and tribs | Nutrients |
| Erie | Green Lake | Nutrients |
| Erie | Little Sister Creek, Lower, and tribs | Nutrients |
| Erie | Murder Creek, Lower, and tribs | Nutrients |
| Erie | Rush Creek and tribs | Nutrients |
| Erie | Scajaquada Creek, Lower, and tribs | Nutrients |
| Erie | Scajaquada Creek, Middle, and tribs | Nutrients |
| Erie | Scajaquada Creek, Upper, and tribs | Nutrients |
| Erie | South Branch Smoke Cr, Lower, and tribs | Silt/Sediment |
| Erie | South Branch Smoke Cr, Lower, and tribs | Nutrients |
| Essex | Lake Champlain, Main Lake, South | Nutrients |
| Essex | Lake Champlain, South Lake | Nutrients |
| Essex | Willsboro Bay | Nutrients |
| Genesee | Bigelow Creek and tribs | Nutrients |
| Genesee | Black Creek, Middle, and minor tribs | Nutrients |
| Genesee | Black Creek, Upper, and minor tribs | Nutrients |
| Genesee | Bowen Brook and tribs | Nutrients |
| Genesee | LeRoy Reservoir | Nutrients |
| Genesee | Oak Orchard Cr, Upper, and tribs | Nutrients |
| Genesee | Tonawanda Creek, Middle, Main Stem | Nutrients |
| Greene | Schoharie Reservoir | Silt/Sediment |
| Greene | Sleepy Hollow Lake | Silt/Sediment |
| Herkimer | Steele Creek tribs | Silt/Sediment |
| Herkimer | Steele Creek tribs | Nutrients |
| Jefferson | Moon Lake | Nutrients |
| Kings | Hendrix Creek | Nutrients |
| Kings | Prospect Park Lake | Nutrients |
| Lewis | Mill Creek/South Branch, and tribs | Nutrients |
| Livingston | Christie Creek and tribs | Nutrients |
| Livingston | Conesus Lake | Nutrients |
| Livingston | Mill Creek and minor tribs | Silt/Sediment |
| Monroe | Black Creek, Lower, and minor tribs | Nutrients |
| Monroe | Buck Pond | Nutrients |
| Monroe | Cranberry Pond | Nutrients |

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## 303(d) Segments Impaired by Construction Related Pollutant(s)

| | | |
|---|---|---|
| Monroe | Lake Ontario Shoreline, Western | Nutrients |
| Monroe | Long Pond | Nutrients |
| Monroe | Mill Creek and tribs | Nutrients |
| Monroe | Mill Creek/Blue Pond Outlet and tribs | Nutrients |
| Monroe | Minor Tribs to Irondequoit Bay | Nutrients |
| Monroe | Rochester Embayment - East | Nutrients |
| Monroe | Rochester Embayment - West | Nutrients |
| Monroe | Shipbuilders Creek and tribs | Nutrients |
| Monroe | Thomas Creek/White Brook and tribs | Nutrients |
| Nassau | Beaver Lake | Nutrients |
| Nassau | Camaans Pond | Nutrients |
| Nassau | East Meadow Brook, Upper, and tribs | Silt/Sediment |
| Nassau | East Rockaway Channel | Nutrients |
| Nassau | Grant Park Pond | Nutrients |
| Nassau | Hempstead Bay | Nutrients |
| Nassau | Hempstead Lake | Nutrients |
| Nassau | Hewlett Bay | Nutrients |
| Nassau | Hog Island Channel | Nutrients |
| Nassau | Long Island Sound, Nassau County Waters | Nutrients |
| Nassau | Massapequa Creek and tribs | Nutrients |
| Nassau | Milburn/Parsonage Creeks, Upp, and tribs | Nutrients |
| Nassau | Reynolds Channel, west | Nutrients |
| Nassau | Tidal Tribs to Hempstead Bay | Nutrients |
| Nassau | Tribs (fresh) to East Bay | Nutrients |
| Nassau | Tribs (fresh) to East Bay | Silt/Sediment |
| Nassau | Tribs to Smith/Halls Ponds | Nutrients |
| Nassau | Woodmere Channel | Nutrients |
| New York | Harlem Meer | Nutrients |
| New York | The Lake in Central Park | Nutrients |
| Niagara | Bergholtz Creek and tribs | Nutrients |
| Niagara | Hyde Park Lake | Nutrients |
| Niagara | Lake Ontario Shoreline, Western | Nutrients |
| Niagara | Lake Ontario Shoreline, Western | Nutrients |
| Oneida | Ballou, Nail Creeks and tribs | Nutrients |
| Onondaga | Harbor Brook, Lower, and tribs | Nutrients |
| Onondaga | Ley Creek and tribs | Nutrients |
| Onondaga | Minor Tribs to Onondaga Lake | Nutrients |
| Onondaga | Ninemile Creek, Lower, and tribs | Nutrients |
| Onondaga | Onondaga Creek, Lower, and tribs | Nutrients |
| Onondaga | Onondaga Creek, Middle, and tribs | Nutrients |

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## 303(d) Segments Impaired by Construction Related Pollutant(s)

| | | |
|---|---|---|
| Onondaga | Onondaga Lake, northern end | Nutrients |
| Onondaga | Onondaga Lake, southern end | Nutrients |
| Ontario | Great Brook and minor tribs | Silt/Sediment |
| Ontario | Great Brook and minor tribs | Nutrients |
| Ontario | Hemlock Lake Outlet and minor tribs | Nutrients |
| Ontario | Honeoye Lake | Nutrients |
| Orange | Greenwood Lake | Nutrients |
| Orange | Monhagen Brook and tribs | Nutrients |
| Orange | Orange Lake | Nutrients |
| Orleans | Lake Ontario Shoreline, Western | Nutrients |
| Orleans | Lake Ontario Shoreline, Western | Nutrients |
| Oswego | Lake Neatahwanta | Nutrients |
| Oswego | Pleasant Lake | Nutrients |
| Putnam | Bog Brook Reservoir | Nutrients |
| Putnam | Boyd Corners Reservoir | Nutrients |
| Putnam | Croton Falls Reservoir | Nutrients |
| Putnam | Diverting Reservoir | Nutrients |
| Putnam | East Branch Reservoir | Nutrients |
| Putnam | Lake Carmel | Nutrients |
| Putnam | Middle Branch Reservoir | Nutrients |
| Putnam | Oscawana Lake | Nutrients |
| Putnam | Palmer Lake | Nutrients |
| Putnam | West Branch Reservoir | Nutrients |
| Queens | Bergen Basin | Nutrients |
| Queens | Flushing Creek/Bay | Nutrients |
| Queens | Jamaica Bay, Eastern, and tribs (Queens) | Nutrients |
| Queens | Kissena Lake | Nutrients |
| Queens | Meadow Lake | Nutrients |
| Queens | Willow Lake | Nutrients |
| Rensselaer | Nassau Lake | Nutrients |
| Rensselaer | Snyders Lake | Nutrients |
| Richmond | Grasmere Lake/Bradys Pond | Nutrients |
| Rockland | Congers Lake, Swartout Lake | Nutrients |
| Rockland | Rockland Lake | Nutrients |
| Saratoga | Ballston Lake | Nutrients |
| Saratoga | Dwaas Kill and tribs | Silt/Sediment |
| Saratoga | Dwaas Kill and tribs | Nutrients |
| Saratoga | Lake Lonely | Nutrients |
| Saratoga | Round Lake | Nutrients |
| Saratoga | Tribs to Lake Lonely | Nutrients |

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## 303(d) Segments Impaired by Construction Related Pollutant(s)

| | | |
|---|---|---|
| Schenectady | Collins Lake | Nutrients |
| Schenectady | Duane Lake | Nutrients |
| Schenectady | Mariaville Lake | Nutrients |
| Schoharie | Engleville Pond | Nutrients |
| Schoharie | Summit Lake | Nutrients |
| Seneca | Reeder Creek and tribs | Nutrients |
| St.Lawrence | Black Lake Outlet/Black Lake | Nutrients |
| St.Lawrence | Fish Creek and minor tribs | Nutrients |
| Steuben | Smith Pond | Nutrients |
| Suffolk | Agawam Lake | Nutrients |
| Suffolk | Big/Little Fresh Ponds | Nutrients |
| Suffolk | Canaan Lake | Silt/Sediment |
| Suffolk | Canaan Lake | Nutrients |
| Suffolk | Flanders Bay, West/Lower Sawmill Creek | Nutrients |
| Suffolk | Fresh Pond | Nutrients |
| Suffolk | Great South Bay, East | Nutrients |
| Suffolk | Great South Bay, Middle | Nutrients |
| Suffolk | Great South Bay, West | Nutrients |
| Suffolk | Lake Ronkonkoma | Nutrients |
| Suffolk | Long Island Sound, Suffolk County, West | Nutrients |
| Suffolk | Mattituck (Marratooka) Pond | Nutrients |
| Suffolk | Meetinghouse/Terrys Creeks and tribs | Nutrients |
| Suffolk | Mill and Seven Ponds | Nutrients |
| Suffolk | Millers Pond | Nutrients |
| Suffolk | Moriches Bay, East | Nutrients |
| Suffolk | Moriches Bay, West | Nutrients |
| Suffolk | Peconic River, Lower, and tidal tribs | Nutrients |
| Suffolk | Quantuck Bay | Nutrients |
| Suffolk | Shinnecock Bay and Inlet | Nutrients |
| Suffolk | Tidal tribs to West Moriches Bay | Nutrients |
| Sullivan | Bodine, Montgomery Lakes | Nutrients |
| Sullivan | Davies Lake | Nutrients |
| Sullivan | Evens Lake | Nutrients |
| Sullivan | Pleasure Lake | Nutrients |
| Tompkins | Cayuga Lake, Southern End | Nutrients |
| Tompkins | Cayuga Lake, Southern End | Silt/Sediment |
| Tompkins | Owasco Inlet, Upper, and tribs | Nutrients |
| Ulster | Ashokan Reservoir | Silt/Sediment |
| Ulster | Esopus Creek, Upper, and minor tribs | Silt/Sediment |
| Warren | Hague Brook and tribs | Silt/Sediment |

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## 303(d) Segments Impaired by Construction Related Pollutant(s)

| | | |
|---|---|---|
| Warren | Huddle/Finkle Brooks and tribs | Silt/Sediment |
| Warren | Indian Brook and tribs | Silt/Sediment |
| Warren | Lake George | Silt/Sediment |
| Warren | Tribs to L.George, Village of L George | Silt/Sediment |
| Washington | Cossayuna Lake | Nutrients |
| Washington | Lake Champlain, South Bay | Nutrients |
| Washington | Tribs to L.George, East Shore | Silt/Sediment |
| Washington | Wood Cr/Champlain Canal and minor tribs | Nutrients |
| Wayne | Port Bay | Nutrients |
| Westchester | Amawalk Reservoir | Nutrients |
| Westchester | Blind Brook, Upper, and tribs | Silt/Sediment |
| Westchester | Cross River Reservoir | Nutrients |
| Westchester | Lake Katonah | Nutrients |
| Westchester | Lake Lincolndale | Nutrients |
| Westchester | Lake Meahagh | Nutrients |
| Westchester | Lake Mohegan | Nutrients |
| Westchester | Lake Shenorock | Nutrients |
| Westchester | Long Island Sound, Westchester (East) | Nutrients |
| Westchester | Mamaroneck River, Lower | Silt/Sediment |
| Westchester | Mamaroneck River, Upper, and minor tribs | Silt/Sediment |
| Westchester | Muscoot/Upper New Croton Reservoir | Nutrients |
| Westchester | New Croton Reservoir | Nutrients |
| Westchester | Peach Lake | Nutrients |
| Westchester | Reservoir No.1 (Lake Isle) | Nutrients |
| Westchester | Saw Mill River, Lower, and tribs | Nutrients |
| Westchester | Saw Mill River, Middle, and tribs | Nutrients |
| Westchester | Sheldrake River and tribs | Silt/Sediment |
| Westchester | Sheldrake River and tribs | Nutrients |
| Westchester | Silver Lake | Nutrients |
| Westchester | Teatown Lake | Nutrients |
| Westchester | Titicus Reservoir | Nutrients |
| Westchester | Truesdale Lake | Nutrients |
| Westchester | Wallace Pond | Nutrients |
| Wyoming | Java Lake | Nutrients |
| Wyoming | Silver Lake | Nutrients |

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## APPENDIX F – List of NYS DEC Regional Offices

| Region | Covering the following counties: | DIVISION OF ENVIRONMENTAL PERMITS (DEP) Permit Administrators | DIVISION OF WATER (DOW) Water (SPDES) Program |
|---|---|---|---|
| 1 | Nassau and Suffolk | 50 Circle Road<br>Stony Brook, NY 11790<br>Tel. (631) 444-0365 | 50 Circle Road<br>Stony Brook, NY 11790-3409<br>Tel. (631) 444-0405 |
| 2 | Bronx, Kings, New York, Queens and Richmond | 1 Hunters Point Plaza,<br>47-40 21st St.<br>Long Island City, NY 11101-5407<br>Tel. (718) 482-4997 | 1 Hunters Point Plaza,<br>47-40 21st St.<br>Long Island City, NY 11101-5407<br>Tel. (718) 482-4933 |
| 3 | Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster and Westchester | 21 South Putt Corners Road<br>New Paltz, NY 12561-1696<br>Tel. (845) 256-3059 | 100 Hillside Avenue, Suite 1w<br>White Plains, NY 10603<br>Tel. (914) 428 - 2505 |
| 4 | Albany, Columbia, Delaware, Greene, Montgomery, Otsego, Rensselaer, Schenectady and Schoharie | 1150 North Westcott Road<br>Schenectady, NY 12306-2014<br>Tel. (518) 357-2069 | 1130 North Westcott Road<br>Schenectady, NY 12306-2014<br>Tel. (518) 357-2045 |
| 5 | Clinton, Essex, Franklin, Fulton, Hamilton, Saratoga, Warren and Washington | 1115 State Route 86, Po Box 296<br>Ray Brook, NY 12977-0296<br>Tel. (518) 897-1234 | 232 Golf Course Road<br>Warrensburg, NY 12885-1172 Tel. (518) 623-1200 |
| 6 | HERKIMER, JEFFERSON, LEWIS, ONEIDA AND ST. LAWRENCE | STATE OFFICE BUILDING<br>317 WASHINGTON STREET<br>WATERTOWN, NY 13601-3787<br>TEL. (315) 785-2245 | STATE OFFICE BUILDING<br>207 GENESEE STREET<br>UTICA, NY 13501-2885 TEL. (315) 793-2554 |
| 7 | BROOME, CAYUGA, CHENANGO, CORTLAND, MADISON, ONONDAGA, OSWEGO, TIOGA AND TOMPKINS | 615 ERIE BLVD. WEST<br>SYRACUSE, NY 13204-2400<br>TEL. (315) 426-7438 | 615 ERIE BLVD. WEST<br>SYRACUSE, NY 13204-2400<br>TEL. (315) 426-7500 |
| 8 | CHEMUNG, GENESEE, LIVINGSTON, MONROE, ONTARIO, ORLEANS, SCHUYLER, SENECA, STEUBEN, WAYNE AND YATES | 6274 EAST AVON-LIMA ROADAVON, NY 14414-9519<br>TEL. (585) 226-2466 | 6274 EAST AVON-LIMA RD.<br>AVON, NY 14414-9519<br>TEL. (585) 226-2466 |
| 9 | ALLEGANY, CATTARAUGUS, CHAUTAUQUA, ERIE, NIAGARA AND WYOMING | 270 MICHIGAN AVENUE<br>BUFFALO, NY 14203-2999<br>TEL. (716) 851-7165 | 270 MICHIGAN AVENUE<br>BUFFALO, NY 14203-2999<br>TEL. (716) 851-7070 |

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# APPENDIX C-2

## NOTICE OF TERMINATION (NOT) SUBMITTED TO TERMINATE COVERAGE UNDER THE GENERAL PERMIT (GP-0-20-001)

**New York State Department of Environmental Conservation**
**Division of Water**
**625 Broadway, 4th Floor**
**Albany, New York 12233-3505**
***(NOTE: Submit completed form to address above)***

# NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity

**Please indicate your permit identification number:** NYR ___ ___ ___ ___ ___ ___

**I. Owner or Operator Information**

1. Owner/Operator Name: PSEG Long Island as Agent for LIPA

2. Street Address: 175 Old Country Road

3. City/State/Zip: Hicksville NY 11801

4. Contact Person: Hannah Emouna | 4a.Telephone: 516 349 5652

4b. Contact Person E-Mail: Hannah.Emouna@pseg.com

**II. Project Site Information**

5. Project/Site Name: PSEG LI Bridgehampton to Buell (BTB) New 69kV Underground Transmission Cable

6. Street Address: Bridgehampton-Sag Harbor Turnpike

7. City/Zip: Southampton

8. County: Suffolk

**III. Reason for Termination**

9a. □ All disturbed areas have achieved final stabilization in accordance with the general permit and SWPPP. ***Date final stabilization completed** (month/year): _____

9b. □ Permit coverage has been transferred to new owner/operator. Indicate new owner/operator's permit identification number: NYR ___ ___ ___ ___ ___ ___
(Note: Permit coverage can not be terminated by owner identified in I.1. above until new owner/operator obtains coverage under the general permit)

9c. □ Other (Explain on Page 2)

**IV. Final Site Information**:

10a. Did this construction activity require the development of a SWPPP that includes post-construction stormwater management practices? □ yes □ no ( If no, go to question 10f.)

10b. Have all post-construction stormwater management practices included in the final SWPPP been constructed? □ yes □ no (If no, explain on Page 2)

10c. Identify the entity responsible for long-term operation and maintenance of practice(s)?

_____

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## NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity - continued

10d. Has the entity responsible for long-term operation and maintenance been given a copy of the operation and maintenance plan required by the general permit? □ yes □ no

10e. Indicate the method used to ensure long-term operation and maintenance of the post-construction stormwater management practice(s):

□ Post-construction stormwater management practice(s) and any right-of-way(s) needed to maintain practice(s) have been deeded to the municipality.

□ Executed maintenance agreement is in place with the municipality that will maintain the post-construction stormwater management practice(s).

□ For post-construction stormwater management practices that are privately owned, a mechanism is in place that requires operation and maintenance of the practice(s) in accordance with the operation and maintenance plan, such as a deed covenant in the owner or operator's deed of record.

□ For post-construction stormwater management practices that are owned by a public or private institution (e.g. school, university or hospital), government agency or authority, or public utility; policy and procedures are in place that ensures operation and maintenance of the practice(s) in accordance with the operation and maintenance plan.

10f. Provide the total area of impervious surface (i.e. roof, pavement, concrete, gravel, etc.) constructed within the disturbance area? _____ (acres)

11. Is this project subject to the requirements of a regulated, traditional land use control MS4? □ yes □ no

(If Yes, complete section VI - "MS4 Acceptance" statement

**V. Additional Information/Explanation:**

(Use this section to answer questions 9c. and 10b., if applicable)

**VI. MS4 Acceptance - MS4 Official (principal executive officer or ranking elected official) or Duly Authorized Representative** (Note: Not required when 9b. is checked -transfer of coverage)

I have determined that it is acceptable for the owner or operator of the construction project identified in question 5 to submit the Notice of Termination at this time.

Printed Name:

Title/Position:

| Signature: | Date: |
|---|---|

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## NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity - continued

**VII. Qualified Inspector Certification - Final Stabilization**:

I hereby certify that all disturbed areas have achieved final stabilization as defined in the current version of the general permit, and that all temporary, structural erosion and sediment control measures have been removed. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

| | |
|---|---|
| Printed Name: | |
| Title/Position: | |
| Signature: | Date: |

**VIII. Qualified Inspector Certification - Post-construction Stormwater Management Practice(s):**

I hereby certify that all post-construction stormwater management practices have been constructed in conformance with the SWPPP. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

| | |
|---|---|
| Printed Name: | |
| Title/Position: | |
| Signature: | Date: |

**IX. Owner or Operator Certification**

I hereby certify that this document was prepared by me or under my direction or supervision. My determination, based upon my inquiry of the person(s) who managed the construction activity, or those persons directly responsible for gathering the information, is that the information provided in this document is true, accurate and complete. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

| | |
|---|---|
| Printed Name: | |
| Title/Position: | |
| Signature: | Date: |

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(NYS DEC Notice of Termination - January 2015)

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# APPENDIX D

# SITE INSPECTION FORM

# Stormwater Construction Site Inspection Report

| General Information | | | |
|---|---|---|---|
| **Project Name** | PSEG LI Bridgehampton to Buell (BTB) New 69kV Underground Transmission Cable | | |
| **SPDES Tracking No.** | | **Location** | |
| **Date of Inspection** | | **Start/End Time** | |
| **Inspector's Name(s)** | | | |
| **Inspector's Title(s)** | | | |
| **Inspector's Contact Information** | | | |
| **Inspector's Qualifications** | | | |
| **Describe present phase of construction** | | | |

| Weather Information |
|---|
| **Has there been a storm event since the last inspection?** ❑Yes ❑No<br>**If yes, provide:**<br>Storm Start Date & Time: Storm Duration (hrs): Approximate Amount of Precipitation (in): |
| **Weather at time of this inspection?**<br>❑ Clear ❑Cloudy ❑ Rain ❑ Sleet ❑ Fog ❑ Snowing ❑ High Winds<br>❑ Other: Temperature: |
| **Have any discharges occurred since the last inspection?** ❑Yes ❑No<br>**If yes, describe:** |
| **Are there any discharges at the time of inspection?** ❑Yes ❑No<br>**If yes, describe:** |

**Site-specific BMPs**

| | BMP | BMP Installed? | BMP Maintenance Required? | Corrective Action Needed and Notes |
|---|---|---|---|---|
| 1 | Construction Entrance | ❑Yes ❑No | ❑Yes ❑No | |
| 2 | Silt Fence | ❑Yes ❑No | ❑Yes ❑No | |
| 3 | Soil Stockpiles | ❑Yes ❑No | ❑Yes ❑No | |
| 4 | Drainage inlet protection | ❑Yes ❑No | ❑Yes ❑No | |
| 5 | | ❑Yes ❑No | ❑Yes ❑No | |
| 6 | | ❑Yes ❑No | ❑Yes ❑No | |
| 7 | | ❑Yes ❑No | ❑Yes ❑No | |
| 8 | | ❑Yes ❑No | ❑Yes ❑No | |
| 9 | | ❑Yes ❑No | ❑Yes ❑No | |
| 10 | | ❑Yes ❑No | ❑Yes ❑No | |

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| | BMP | BMP Installed? | BMP Maintenance Required? | Corrective Action Needed and Notes |
|---|---|---|---|---|
| 11 | | ❑Yes ❑No | ❑Yes ❑No | |
| 12 | | ❑Yes ❑No | ❑Yes ❑No | |
| 13 | | ❑Yes ❑No | ❑Yes ❑No | |
| 14 | | ❑Yes ❑No | ❑Yes ❑No | |
| 15 | | ❑Yes ❑No | ❑Yes ❑No | |
| 16 | | ❑Yes ❑No | ❑Yes ❑No | |
| 17 | | ❑Yes ❑No | ❑Yes ❑No | |
| 18 | | ❑Yes ❑No | ❑Yes ❑No | |
| 19 | | ❑Yes ❑No | ❑Yes ❑No | |
| 20 | | ❑Yes ❑No | ❑Yes ❑No | |

**Overall Site Issues**

| | BMP/activity | Implemented? | Maintenance Required? | Corrective Action Needed and Notes |
|---|---|---|---|---|
| 1 | Are all slopes and disturbed areas not actively being worked properly stabilized? | ❑Yes ❑No | ❑Yes ❑No | |
| 2 | Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar BMPs? | ❑Yes ❑No | ❑Yes ❑No | |
| 3 | Are perimeter controls and sediment barriers adequately installed (keyed into substrate) and maintained? | ❑Yes ❑No | ❑Yes ❑No | |
| 4 | Are discharge points and receiving waters free of any sediment deposits? | ❑Yes ❑No | ❑Yes ❑No | |
| 5 | Are storm drain inlets properly protected? | ❑Yes ❑No | ❑Yes ❑No | |
| 6 | Is the construction exit preventing sediment from being tracked into the street? | ❑Yes ❑No | ❑Yes ❑No | |
| 7 | Is trash/litter from work areas collected and placed in covered | ❑Yes ❑No | ❑Yes ❑No | |

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| | BMP/activity | Implemented? | Maintenance Required? | Corrective Action Needed and Notes |
|---|---|---|---|---|
| | dumpsters? | | | |
| 8 | Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained? | ❑Yes ❑No | ❑Yes ❑No | |
| 9 | Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other deleterious material? | ❑Yes ❑No | ❑Yes ❑No | |
| 10 | Are materials that are potential stormwater contaminants stored inside or under cover? | ❑Yes ❑No | ❑Yes ❑No | |
| 11 | Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled? | ❑Yes ❑No | ❑Yes ❑No | |
| 12 | (Other) | ❑Yes ❑No | ❑Yes ❑No | |

**Non-Compliance**

| Describe any incidents of non-compliance not described above: |
|---|
| |

**CERTIFICATION STATEMENT**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

**Print name and title: _____**

**Signature:_____ Date:_____**

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# APPENDIX E

# CULTURAL RESOURCES CORRESPONDENCE

NEW YORK STATE OF OPPORTUNITY. | Parks, Recreation, and Historic Preservation

**KATHY HOCHUL**
Governor

**ERIK KULLESEID**
Commissioner

October 25, 2021

Jennifer Sanka
Archaeologist
GEI Consultants, Inc.
400 North Lakeview Parkway
Suite 140
Vernon Hills, IL 60061

Re: LIPA
Bridgehampton to Buell (BTB) New 69kV Underground Cable
Towns of Southampton and East Hampton, Suffolk County, NY
21PR02348

Dear Jennifer Sanka:

Thank you for requesting the comments of the Division for Historic Preservation of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the submitted materials in accordance with the New York State Historic Preservation Act of 1980 (Section 14.09 of the New York Parks, Recreation and Historic Preservation Law). These comments are those of the Division for Historic Preservation and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8) and its implementing regulations (5NYCRR Part 617).

We have reviewed the report of the Phase I archaeological survey (No. 21SR00641) and no archaeological sites were identified. It is OPRHP's opinion that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

If further correspondence is required regarding this project, please refer to the OPRHP Project Review (PR) number noted above. If you have any questions, please contact me via email.

Sincerely,

Tim Lloyd, Ph.D.
Scientist - Archaeology
timothy.lloyd@parks.ny.gov

via e-mail only

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# APPENDIX F

# FIGURES

PSEG LONG ISLAND

**FIGURE 1:ROUTE OVERVIEW**

Sources: ESRI WebMap Server, 2021

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**FIGURE 1b**
**ROUTE MAP**
**BTB NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; ESRI World Street Map, 2021.

N
0 75 150 300 Feet
1 inch = 300 feet

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**FIGURE 1c**
**ROUTE MAP**
**BTB NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; ESRI World Street Map, 2021.

N
0 75 150 300 Feet
1 inch = 300 feet

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**FIGURE 1d**
**ROUTE MAP**
**BTB NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; ESRI World Street Map, 2021.

N

0 75 150 300 Feet

1 inch = 300 feet

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**FIGURE 1e**
**ROUTE MAP**
**BTB NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; ESRI World Street Map, 2021.

N
0 75 150 300 Feet
1 inch = 300 feet

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**FIGURE 1f**
**ROUTE MAP**
**BTB NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; ESRI World Street Map, 2021.

N
0 75 150 300 Feet
1 inch = 300 feet

Towhee Trl
Fetlock Dr
Harness Ln
Livery Ln
Stirrup Ct
Surrey Ct
1st Ave
Towhee Trl
Spencer Ln
3rd Ave
Stephen Hands Path
2nd Ave
HDD LAYDOWN
Blue Jay Way
Main St
Blue Jay Way
Horseshoe Dr N
7th Ave
Buckskill Rd
Long Island
Yearling Ct
Huckleberry
Mark Twain Ln
Dune Alpin

**Legend**

- Manhole
- Cable Location
- Proposed Limit of Disturbance
- HDD Laydown Area
- Proposed Action Area

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**FIGURE 1g**
**ROUTE MAP**
**BTB NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; ESRI World Street Map, 2021.

N

0 75 150 300 Feet

1 inch = 300 feet

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**FIGURE 1h**
**ROUTE MAP**
**BTB NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; ESRI World Street Map, 2021.

N

0 75 150 300 Feet

1 inch = 300 feet

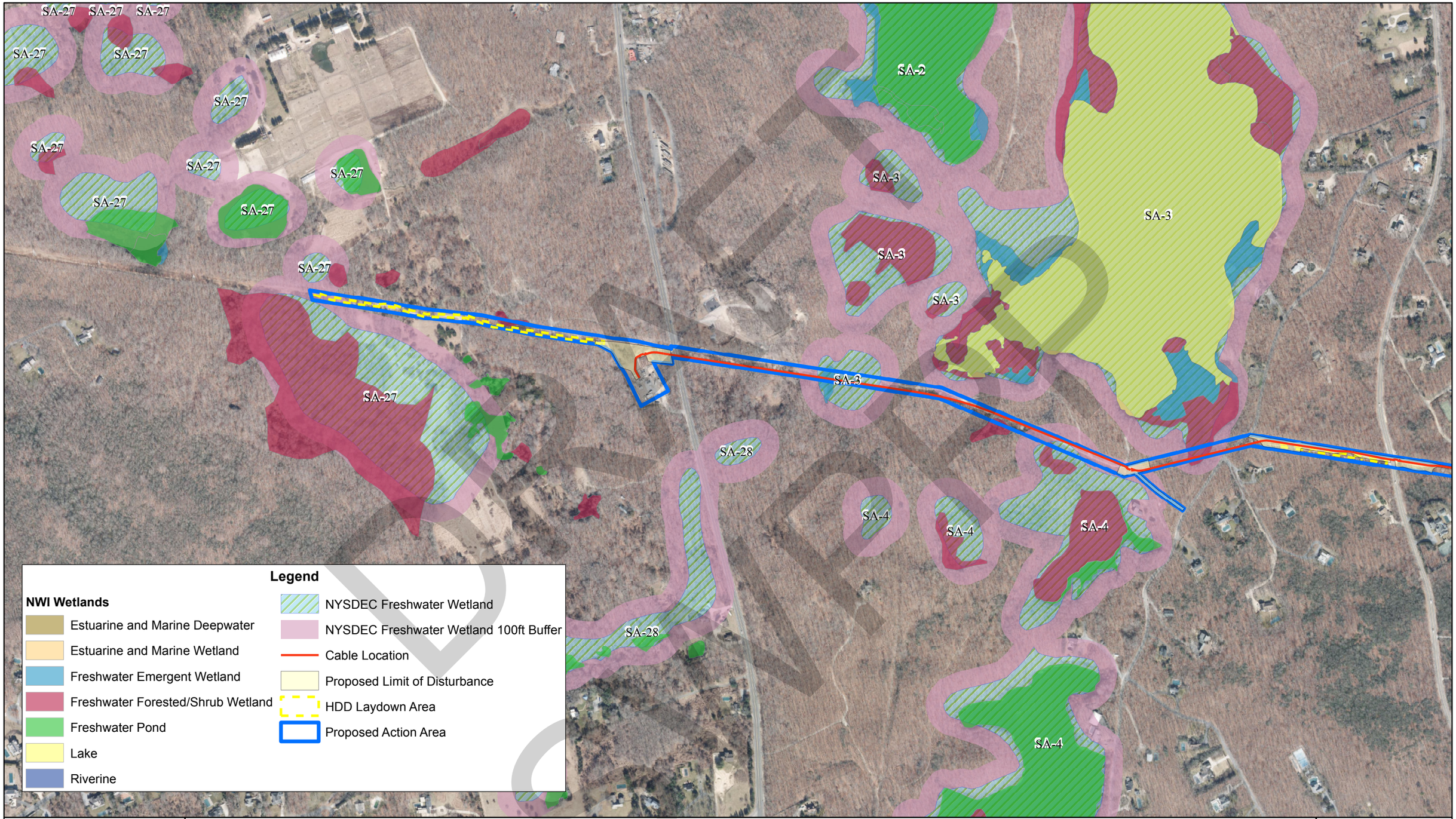


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**FIGURE 2**
**WETLAND MAP**
**BRIDGEHAMPTON TO BUELL NEW UNDERGROUND 69KV TRANMISSION CABLE**

Sources: NYS Orthoimagery, 2020; NYSDEC, 2013; USFWS, 2019.

N

0 125 250 500 Feet

1 inch = 500 feet

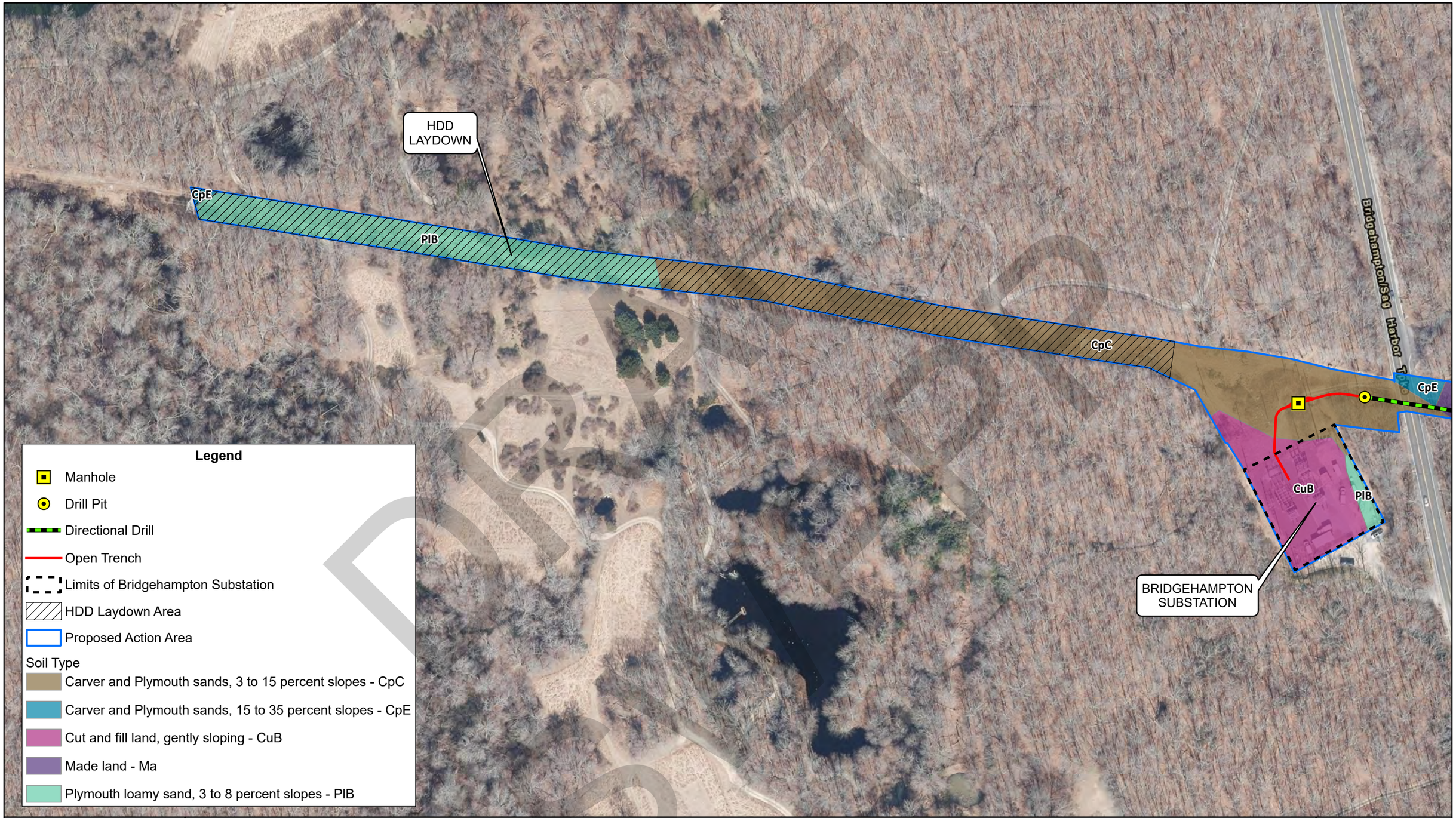


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**FIGURE 3A**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N
0 75 150 Feet
1 inch = 150 feet

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**FIGURE 3B**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N
0 75 150 Feet
1 inch = 150 feet

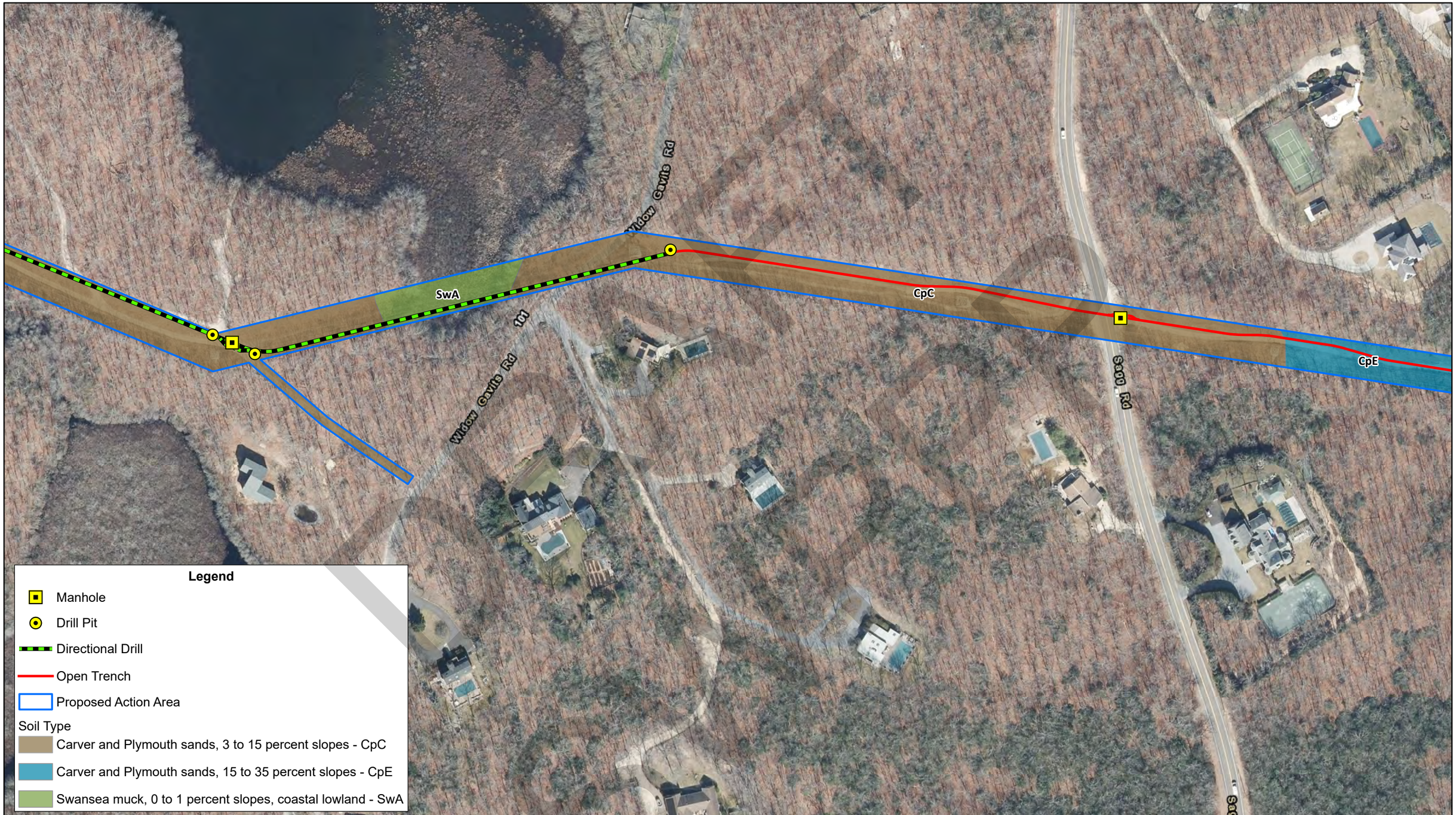


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**FIGURE 3C**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N
0 75 150 Feet
1 inch = 150 feet

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**FIGURE 3D**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N
0 75 150 Feet
1 inch = 150 feet

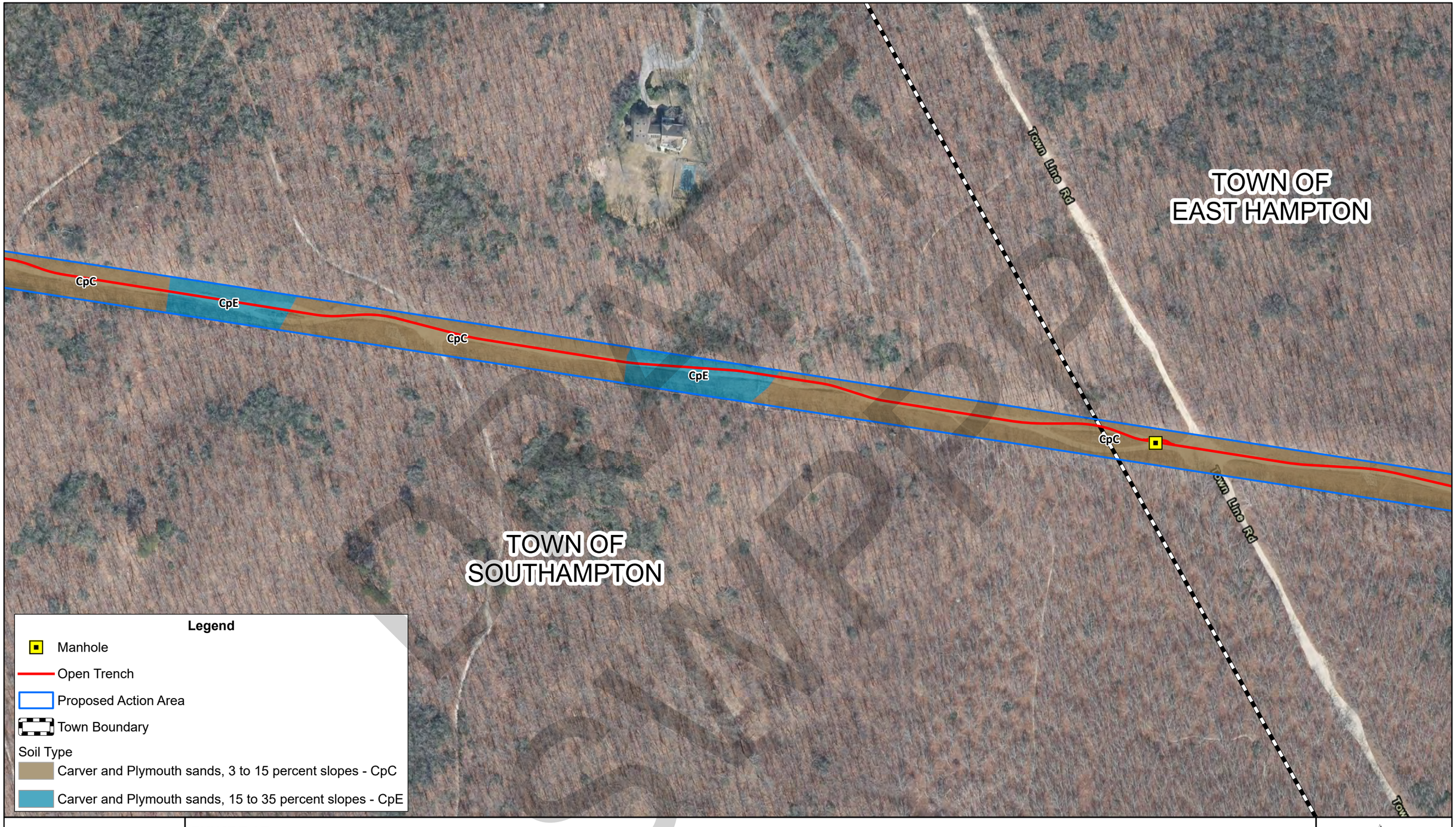


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**FIGURE 3E**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N

0 75 150 Feet

1 inch = 150 feet

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**FIGURE 3F**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N
0 75 150 Feet
1 inch = 150 feet

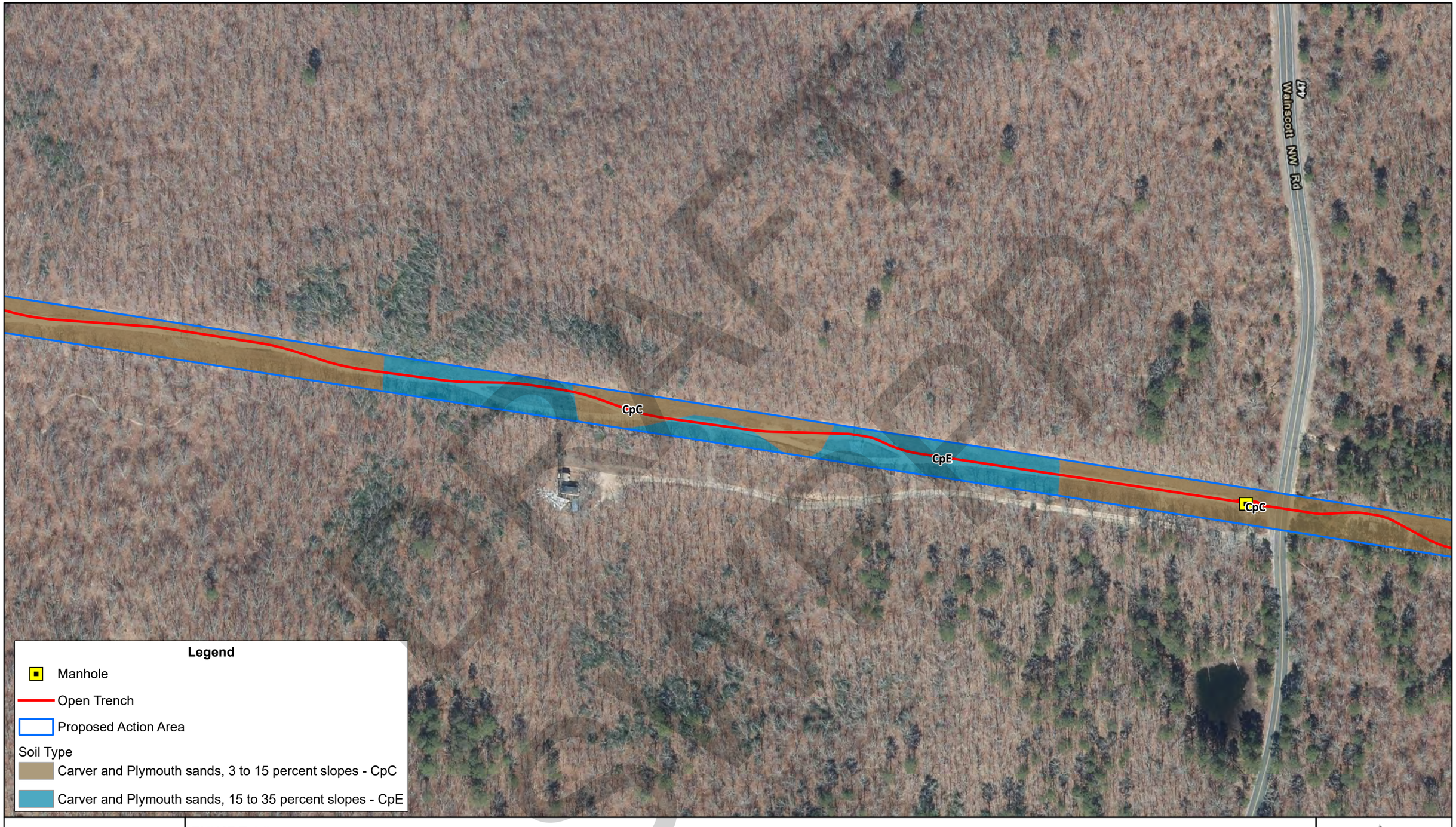


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**FIGURE 3G**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N

0 75 150 Feet

1 inch = 150 feet

CpC

PIB

RdA

**Legend**

- Manhole
- Open Trench
- Proposed Action Area

Soil Type

- Carver and Plymouth sands, 3 to 15 percent slopes - CpC
- Plymouth loamy sand, 3 to 8 percent slopes - PIB
- Riverhead sandy loam, 0 to 3 percent slopes - RdA

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**FIGURE 3H**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N

0 75 150 Feet

1 inch = 150 feet

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**FIGURE 3I**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N
0 75 150 Feet
1 inch = 150 feet

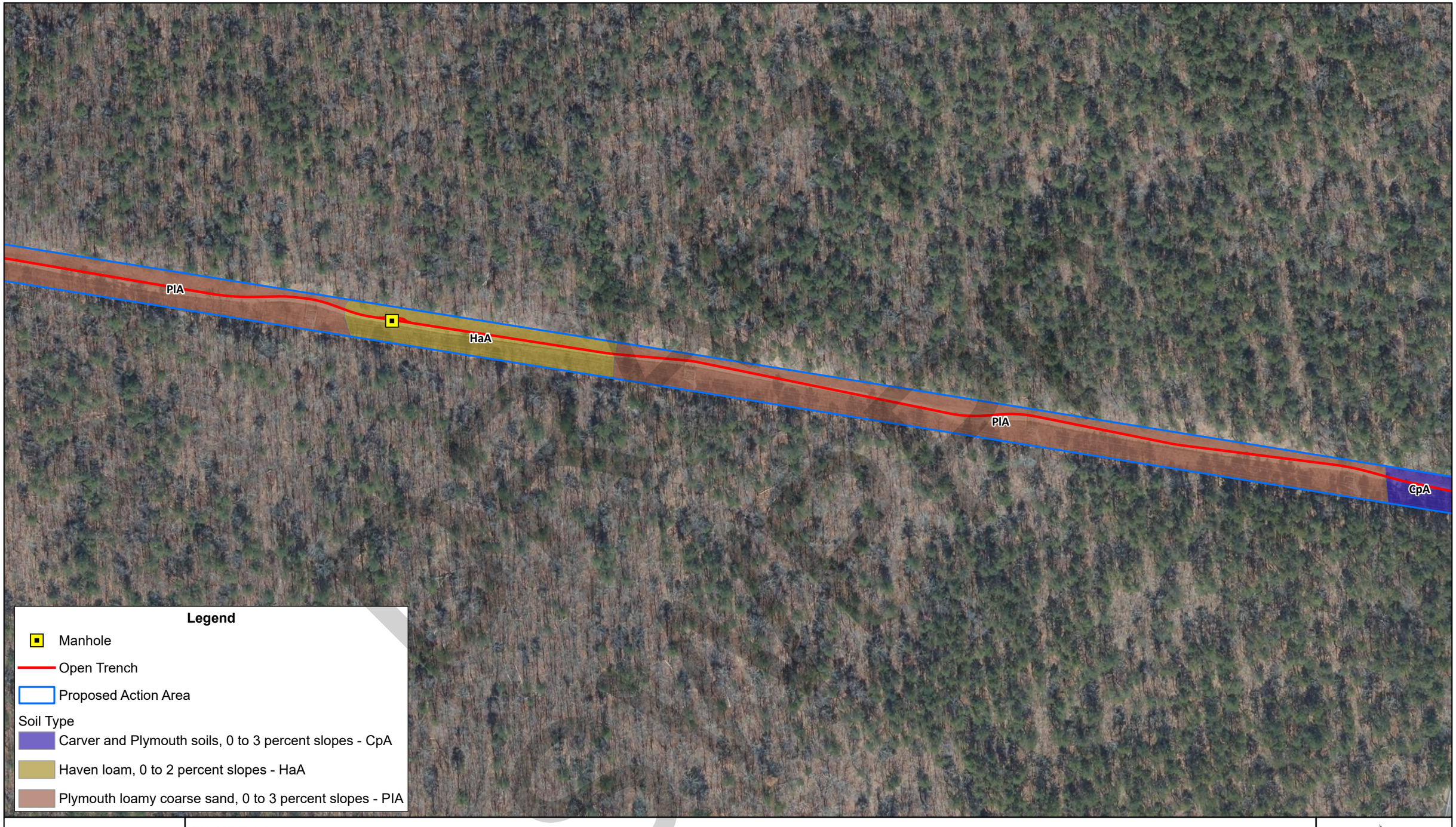


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**FIGURE 3J**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N
0 75 150 Feet
1 inch = 150 feet

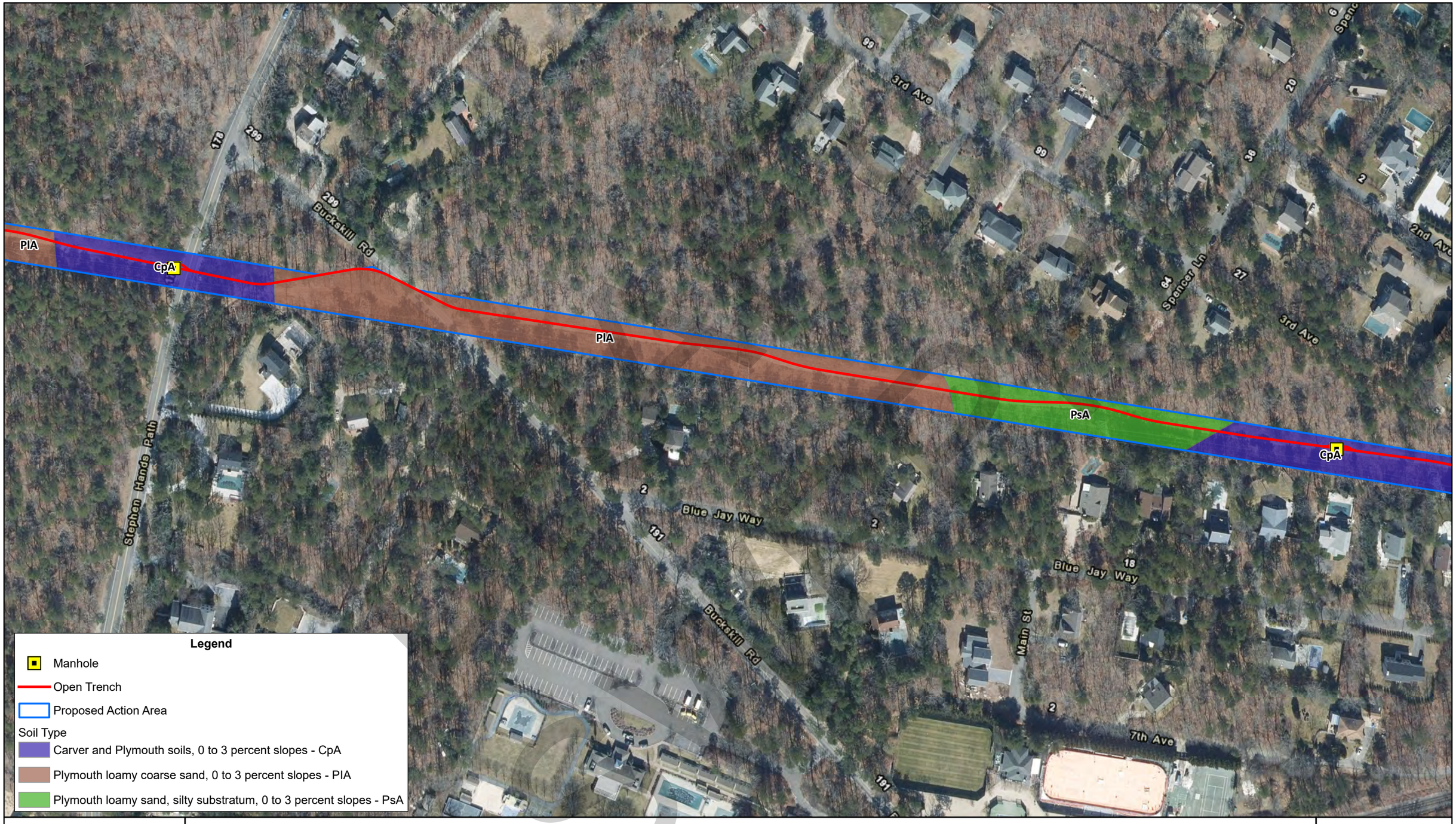


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**FIGURE 3K**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N
0 75 150 Feet
1 inch = 150 feet

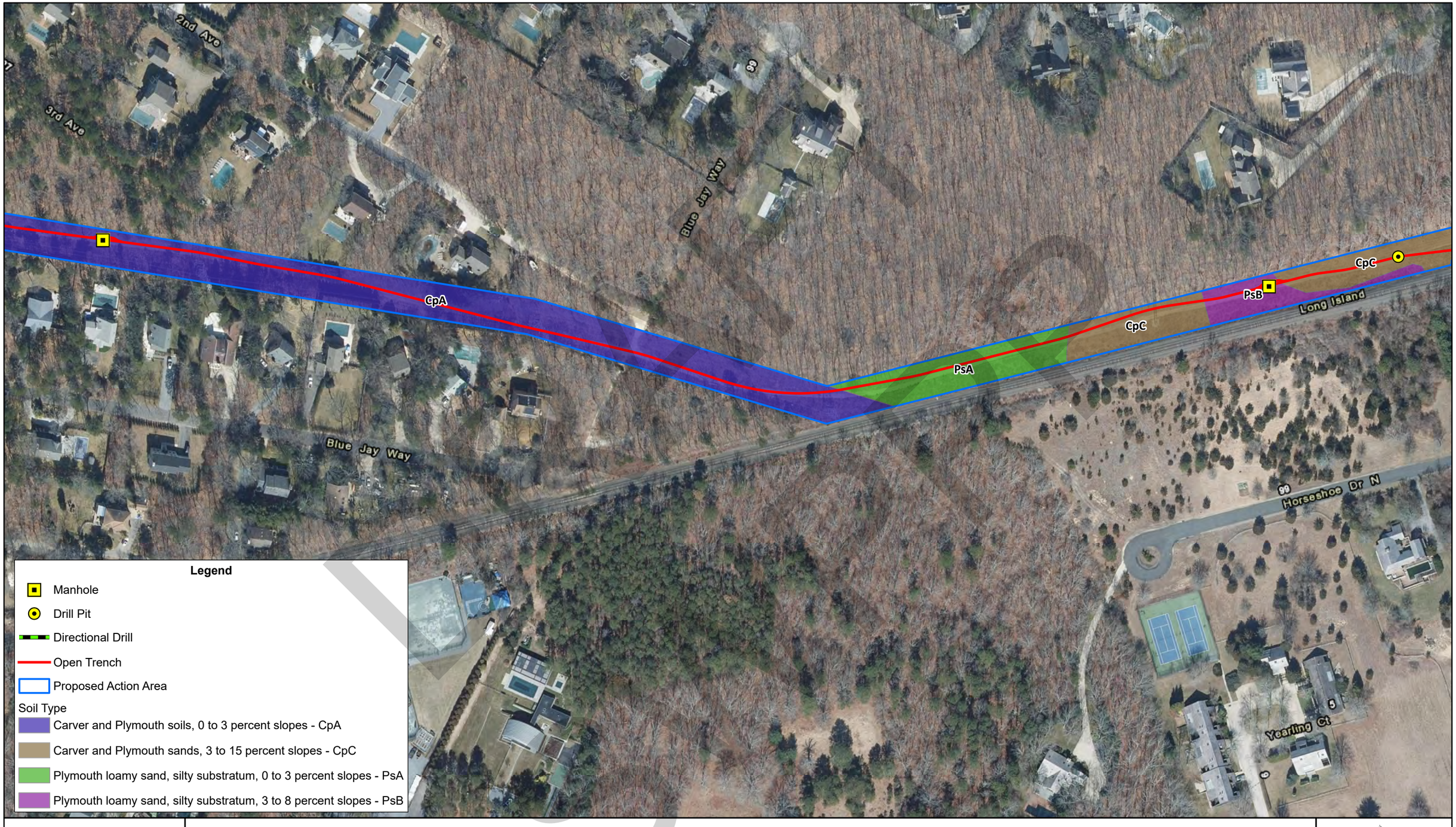


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**FIGURE 3L**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N
0 75 150 Feet
1 inch = 150 feet

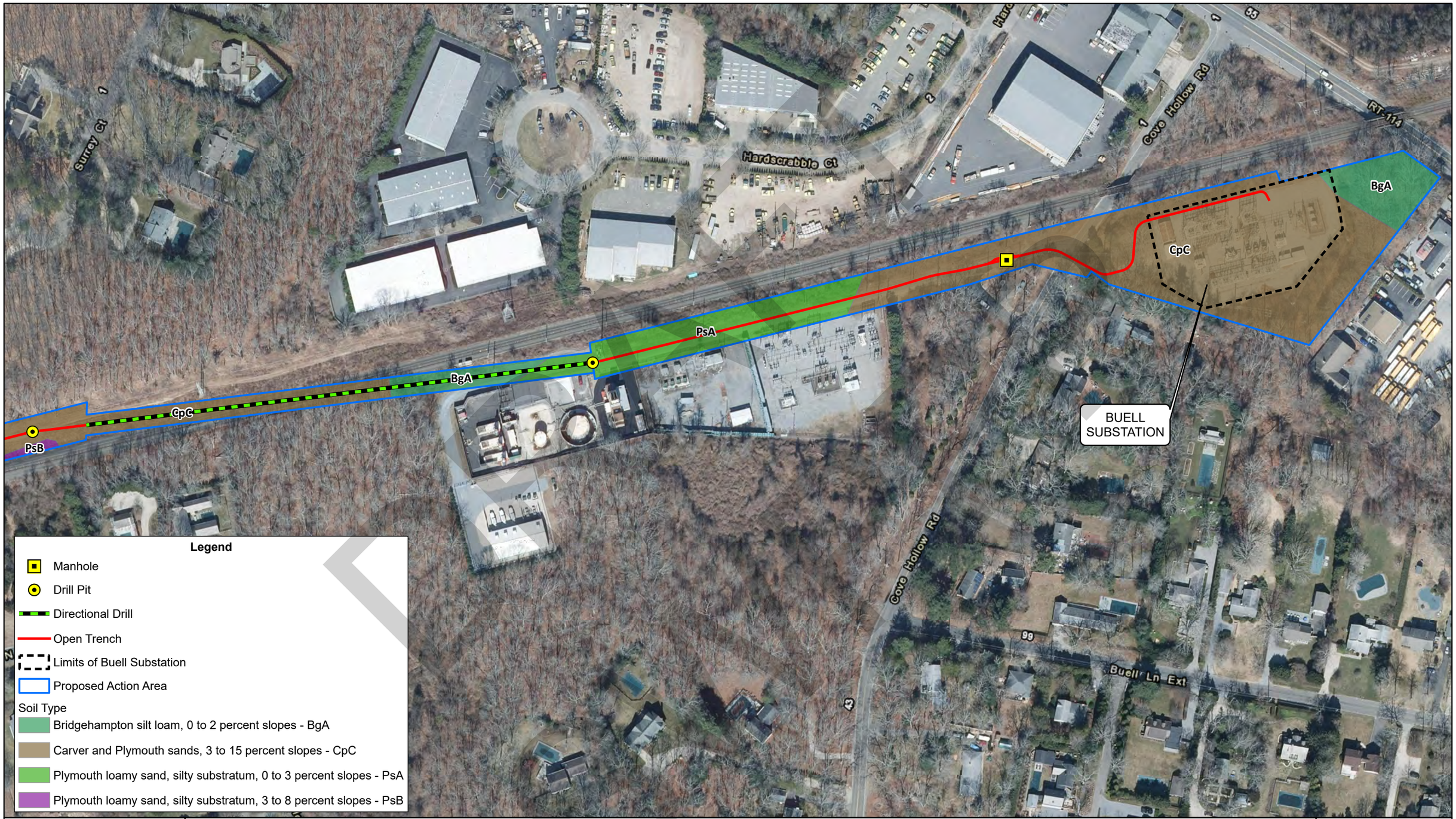


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**FIGURE 3M**
**EXISTING SOILSBRIDGEHAMPTON TO BUELL NEW 69 KV UNDERGROUND TRANSMISSION CABLE**

Sources: NYS Orthoimagery, 2020; USDA NRCS, 2020; PSEG/Power Engineer Plan dated 1/15/2021.

N
0 75 150 Feet
1 inch = 150 feet

DRAFT SWPPP

# APPENDIX G

# SWPPP AMENDMENTS

# SWPPP Amendments

| Date | Description of Amendment | Plan Revised Date |
|---|---|---|
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| | | |

DRAFT SWPPP

# SWPPP Amendments

| Date | Description of Amendment | Plan Revised Date |
|---|---|---|
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| | | |

DRAFT SWPPP

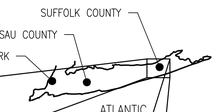
DRAFT SWPPP

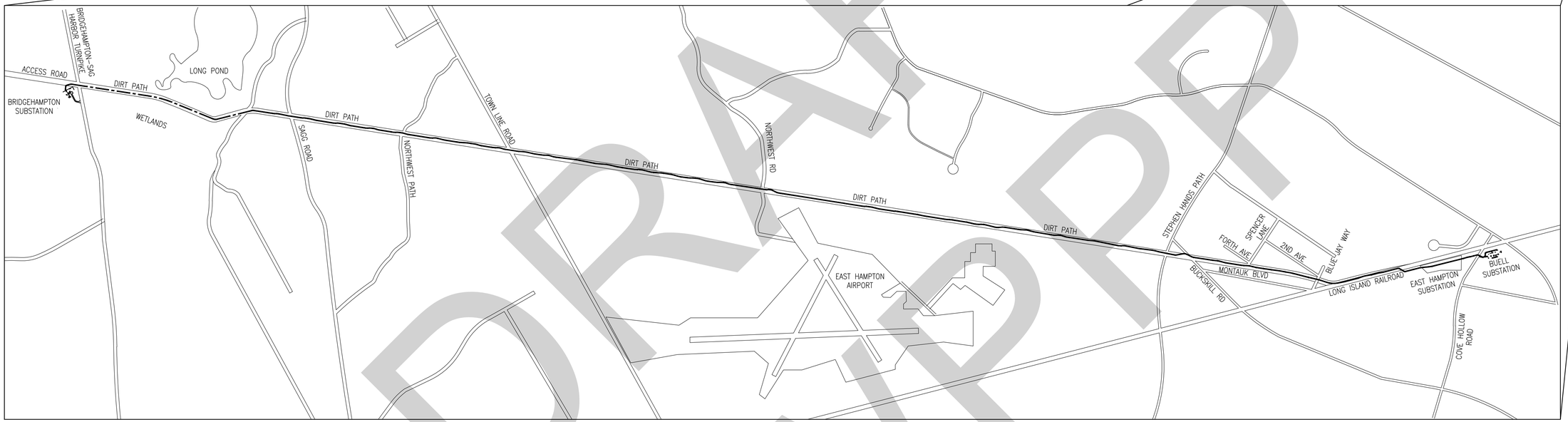
## ATTACHMENT 1

# PSEG LONG ISLAND TRANSMISSION PLANS

# PSEG LONG ISLAND
# BRIDGEHAMPTON TO BUELL
# 69kV UNDERGROUND TRANSMISSION LINE

AREA MAP NEW YORK
N.T.S.




VICINITY MAP
N.T.S.

DRAFT
SWPP

## GENERAL NOTES

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
2. STATE PLANE COORDINATE (HORIZONTAL DATUM): NEW YORK LONG ISLAND STATE PLANE COORDINATE SYSTEM (NAD 83) AS DETERMINED BY GPS OBSERVATIONS.
3. STATE PLANE COORDINATE (VERTICAL DATUM): NAVD1988. AS DETERMINED BY GPS OBSERVATIONS.
4. VERTICAL LOCATION OF SUBSURFACE UTILITY LINES ARE BASED ON ASSUMED DEPTHS AND MAY VARY FROM THE ACTUAL VERTICAL LOCATIONS USING BEST AVAILABLE INFORMATION AND ARE APPROXIMATE. BUILDING SERVICE CONNECTIONS (ELECTRIC, GAS, TELEPHONE, WATER AND SANITARY) ARE NOT SHOWN. CONTRACTOR IS TO ASSUME SERVICES ARE PRESENT TO ALL BUILDINGS.
5. ALL WORK SHALL BE PERFORMED WITHIN THE DESIGNATED UTILITY PROPERTY.
6. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO THE ORIGINAL CONDITION OR BETTER AS DETERMINED BY OWNER AND IN ACCORDANCE WITH THE APPLICABLE LOCAL AND/OR STATE REQUIREMENTS.
7. CIVIL CONTRACTOR SHALL HAUL AWAY ALL UNUSED EXCAVATED MATERIAL TO PERMITTED SOIL DISPOSAL SITE.
8. CIVIL CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING AND REPAIRING ALL PAVEMENT DISTURBED DUE TO THE CONSTRUCTION. ALL REPLACEMENT AND REPAIRS SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE LOCAL AND/OR STATE REQUIREMENTS.
9. CIVIL CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY & ALL UTILITIES AND FACILITIES DAMAGED DURING CONSTRUCTION IN ACCORDANCE WITH THE APPLICABLE UTILITY SPECIFICATION, LOCAL AND/OR STATE REQUIREMENTS.
10. CIVIL CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING BEST MANAGEMENT PRACTICES FOR CONTROLLING EROSION AND SEDIMENTATION.
11. CIVIL CONTRACTOR SHALL RESTORE GRADE TO PRE-CONSTRUCTION ELEVATIONS.
12. TRANSMISSION DUCTS SHALL MAINTAIN A MINIMUM COVER DEPTH OF 3'-6" BELOW GRADE.
13. ALL VERTICAL RADII ARE 400' UNLESS OTHERWISE NOTED.
14. DUCT BANK SHALL MAINTAIN MINIMUM HORIZONTAL CLEARANCE OF 3'-0" AND A MINIMUM VERTICAL CLEARANCE OF 1'-0" OVER OR UNDER EXISTING UTILITIES, UNLESS OTHERWISE SHOWN ON DRAWINGS.
15. ALL WORK TO BE PERFORMED BY THE CONTRACTOR IN ACCORDANCE WITH SPECIFICATION.

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | RADNELLO P.E. | RADNELLO P.E. |

ISSUE

TEMP. DWG. NO. F-107588

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

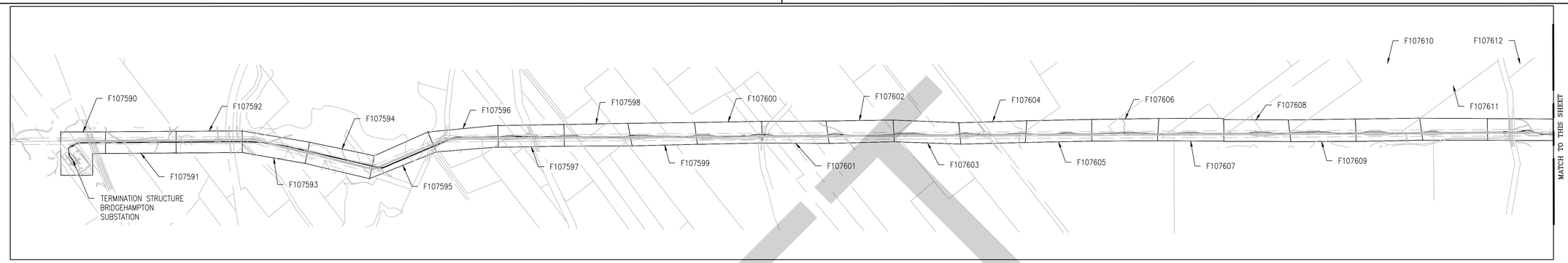
**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**COVER SHEET 1 OF 50**

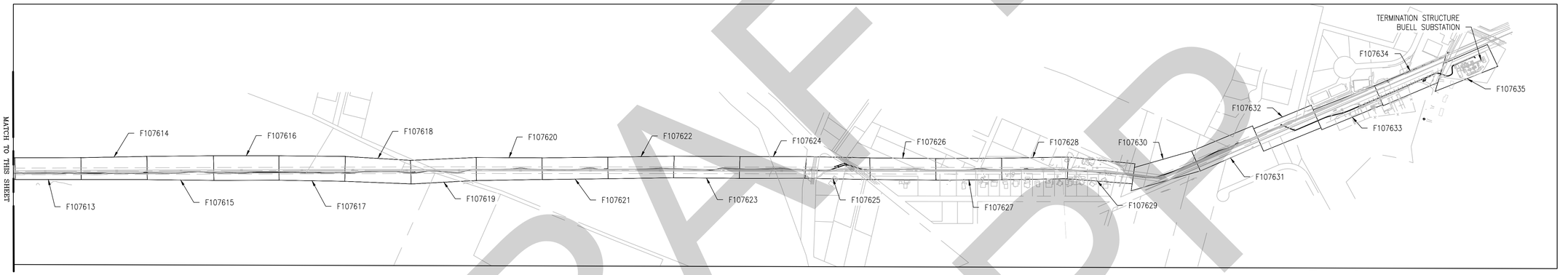
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107588 | RVF69-FU-01082 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |




| DRAWING MANIFEST | | | |
|---|---|---|---|
| DRAWING NO. | TITLE/DESCRIPTION | REV | DATE |
| F107588 | COVER SHEET 1 OF 50 | 0 | 01/15/21 |
| F107589 | OVERALL PLAN & DRAWING LIST SHEET 2 OF 50 | 0 | 01/15/21 |
| F107590 | PLAN & PROFILE SHEET 3 OF 50 | 0 | 01/15/21 |
| F107591 | PLAN & PROFILE SHEET 4 OF 50 | 0 | 01/15/21 |
| F107592 | PLAN & PROFILE SHEET 5 OF 50 | 0 | 01/15/21 |
| F107593 | PLAN & PROFILE SHEET 6 OF 50 | 0 | 01/15/21 |
| F107594 | PLAN & PROFILE SHEET 7 OF 50 | 0 | 01/15/21 |
| F107595 | PLAN & PROFILE SHEET 8 OF 50 | 0 | 01/15/21 |
| F107596 | PLAN & PROFILE SHEET 9 OF 50 | 0 | 01/15/21 |
| F107597 | PLAN & PROFILE SHEET 10 OF 50 | 0 | 01/15/21 |
| F107598 | PLAN & PROFILE SHEET 11 OF 50 | 0 | 01/15/21 |
| F107599 | PLAN & PROFILE SHEET 12 OF 50 | 0 | 01/15/21 |
| F107600 | PLAN & PROFILE SHEET 13 OF 50 | 0 | 01/15/21 |
| F107601 | PLAN & PROFILE SHEET 14 OF 50 | 0 | 01/15/21 |
| F107602 | PLAN & PROFILE SHEET 15 OF 50 | 0 | 01/15/21 |
| F107603 | PLAN & PROFILE SHEET 16 OF 50 | 0 | 01/15/21 |
| F107604 | PLAN & PROFILE SHEET 17 OF 50 | 0 | 01/15/21 |
| F107605 | PLAN & PROFILE SHEET 18 OF 50 | 0 | 01/15/21 |
| F107606 | PLAN & PROFILE SHEET 19 OF 50 | 0 | 01/15/21 |
| F107607 | PLAN & PROFILE SHEET 20 OF 50 | 0 | 01/15/21 |
| F107608 | PLAN & PROFILE SHEET 21 OF 50 | 0 | 01/15/21 |
| F107609 | PLAN & PROFILE SHEET 22 OF 50 | 0 | 01/15/21 |
| F107610 | PLAN & PROFILE SHEET 23 OF 50 | 0 | 01/15/21 |
| F107611 | PLAN & PROFILE SHEET 24 OF 50 | 0 | 01/15/21 |
| F107612 | PLAN & PROFILE SHEET 25 OF 50 | 0 | 01/15/21 |

| DRAWING MANIFEST | | | |
|---|---|---|---|
| DRAWING NO. | TITLE/DESCRIPTION | REV | DATE |
| F107613 | PLAN & PROFILE SHEET 26 OF 50 | 0 | 01/15/21 |
| F107614 | PLAN & PROFILE SHEET 27 OF 50 | 0 | 01/15/21 |
| F107615 | PLAN & PROFILE SHEET 28 OF 50 | 0 | 01/15/21 |
| F107616 | PLAN & PROFILE SHEET 29 OF 50 | 0 | 01/15/21 |
| F107617 | PLAN & PROFILE SHEET 30 OF 50 | 0 | 01/15/21 |
| F107618 | PLAN & PROFILE SHEET 31 OF 50 | 0 | 01/15/21 |
| F107619 | PLAN & PROFILE SHEET 32 OF 50 | 0 | 01/15/21 |
| F107620 | PLAN & PROFILE SHEET 33 OF 50 | 0 | 01/15/21 |
| F107621 | PLAN & PROFILE SHEET 34 OF 50 | 0 | 01/15/21 |
| F107622 | PLAN & PROFILE SHEET 35 OF 50 | 0 | 01/15/21 |
| F107623 | PLAN & PROFILE SHEET 36 OF 50 | 0 | 01/15/21 |
| F107624 | PLAN & PROFILE SHEET 37 OF 50 | 0 | 01/15/21 |
| F107625 | PLAN & PROFILE SHEET 38 OF 50 | 0 | 01/15/21 |
| F107626 | PLAN & PROFILE SHEET 39 OF 50 | 0 | 01/15/21 |
| F107627 | PLAN & PROFILE SHEET 40 OF 50 | 0 | 01/15/21 |
| F107628 | PLAN & PROFILE SHEET 41 OF 50 | 0 | 01/15/21 |
| F107629 | PLAN & PROFILE SHEET 42 OF 50 | 0 | 01/15/21 |
| F107630 | PLAN & PROFILE SHEET 43 OF 50 | 0 | 01/15/21 |
| F107631 | PLAN & PROFILE SHEET 44 OF 50 | 0 | 01/15/21 |
| F107632 | PLAN & PROFILE SHEET 45 OF 50 | 0 | 01/15/21 |
| F107633 | PLAN & PROFILE SHEET 46 OF 50 | 0 | 01/15/21 |
| F107634 | PLAN & PROFILE SHEET 47 OF 50 | 0 | 01/15/21 |
| F107635 | PLAN & PROFILE SHEET 48 OF 50 | 0 | 01/15/21 |
| F107636 | MISCELLANEOUS DETAILS SHEET 49 OF 50 | 0 | 01/15/21 |
| F107637 | SHEATH BONDING SCHEMATIC SHEET 50 OF 50 | 0 | 01/15/21 |

| DRAWING MANIFEST | | | |
|---|---|---|---|
| DRAWING NO. | TITLE/DESCRIPTION | REV | DATE |
| F108325 | LIMITS OF DISTURBANCE SHEET 1 OF 25 | 0 | 01/15/21 |
| F108326 | LIMITS OF DISTURBANCE SHEET 2 OF 25 | 0 | 01/15/21 |
| F108327 | LIMITS OF DISTURBANCE SHEET 3 OF 25 | 0 | 01/15/21 |
| F108328 | LIMITS OF DISTURBANCE SHEET 4 OF 25 | 0 | 01/15/21 |
| F108329 | LIMITS OF DISTURBANCE SHEET 5 OF 25 | 0 | 01/15/21 |
| F108330 | LIMITS OF DISTURBANCE SHEET 6 OF 25 | 0 | 01/15/21 |
| F108331 | LIMITS OF DISTURBANCE SHEET 7 OF 25 | 0 | 01/15/21 |
| F108332 | LIMITS OF DISTURBANCE SHEET 8 OF 25 | 0 | 01/15/21 |
| F108333 | LIMITS OF DISTURBANCE SHEET 9 OF 25 | 0 | 01/15/21 |
| F108334 | LIMITS OF DISTURBANCE SHEET 10 OF 25 | 0 | 01/15/21 |
| F108335 | LIMITS OF DISTURBANCE SHEET 11 OF 25 | 0 | 01/15/21 |
| F108336 | LIMITS OF DISTURBANCE SHEET 12 OF 25 | 0 | 01/15/21 |
| F108337 | LIMITS OF DISTURBANCE SHEET 13 OF 25 | 0 | 01/15/21 |
| F108338 | LIMITS OF DISTURBANCE SHEET 14 OF 25 | 0 | 01/15/21 |
| F108339 | LIMITS OF DISTURBANCE SHEET 15 OF 25 | 0 | 01/15/21 |
| F108340 | LIMITS OF DISTURBANCE SHEET 16 OF 25 | 0 | 01/15/21 |
| F108341 | LIMITS OF DISTURBANCE SHEET 17 OF 25 | 0 | 01/15/21 |
| F108342 | LIMITS OF DISTURBANCE SHEET 18 OF 25 | 0 | 01/15/21 |
| F108343 | LIMITS OF DISTURBANCE SHEET 19 OF 25 | 0 | 01/15/21 |
| F108344 | LIMITS OF DISTURBANCE SHEET 20 OF 25 | 0 | 01/15/21 |
| F108345 | LIMITS OF DISTURBANCE SHEET 21 OF 25 | 0 | 01/15/21 |
| F108346 | LIMITS OF DISTURBANCE SHEET 22 OF 25 | 0 | 01/15/21 |
| F108347 | LIMITS OF DISTURBANCE SHEET 23 OF 25 | 0 | 01/15/21 |
| F108348 | LIMITS OF DISTURBANCE SHEET 24 OF 25 | 0 | 01/15/21 |
| F108349 | LIMITS OF DISTURBANCE SHEET 25 OF 25 | 0 | 01/15/21 |

| PSEG LI CONSTRUCTION STANDARDS | | | |
|---|---|---|---|
| DRAWING NO. | TITLE/DESCRIPTION | REVISION | DATE |
| CS1754 | SHEATH GROUNDING METHOD ON SUBSTATION TERMINAL | 4 | 05/13/19 |
| CS1760 | MANHOLE OPEN SHEATH GROUNDING | 4 | 07/15/19 |
| CS1761 | OPEN SHEATH GROUNDING SUBSTATION TERMINATION STRUCTURE | 2 | 05/13/19 |
| CS1765 | CABLE RISER PROTECTION BARRIER | 1 | 06/27/19 |
| CS1766 | CABLE RACK INSTALLATION DETAILS | 1 | 06/12/18 |
| CS1768 | TREFOIL CONFIGURATION INSIDE SUBSTATION FENCE | 1 | 09/10/18 |
| CS1769 | CONDUIT TREFOIL CONFIGURATION | 1 | 09/10/18 |
| CS1770 | GENERAL NOTES | 1 | 09/10/18 |
| CS1784 | SPLICE VAULT DETAILS | 4 | 05/13/19 |

| REFERENCE DRAWINGS | | | |
|---|---|---|---|
| DRAWING NO. | TITLE/DESCRIPTION | REVISION | DATE |
| F6185104 | BRIDGEHAMPTON SUBSTATION PLAN VIEW | – | – |
| F22910 | BUELL SUBSTATION CONDUIT PLAN | – | – |
| F62180 | COUNTERPOISE INSTALLATION | 1 | 01/19/95 |
| F62181 | LOCATION OF COUNTERPOISE ALONG TOWER LINE | 1 | 01/19/95 |

## ABBREVIATIONS:

| | |
|---|---|
| BOL | BOLLARD |
| BC | BOTTOM OF CURB |
| BW | BOTTOM OF WALL |
| BXC | COMMUNICATION BOX |
| BXE | ELECTRIC BOX |
| BXU | UNKNOWN BOX |
| CMP | CORREGATED METAL PIPE |
| DC | DEPRESSED CURB |
| GR | GRATE |
| GV | GAS VALVE |
| HYD | HYDRANT |
| INV | INVERT |
| MH | MANHOLE |
| MHC | COMMUNICATION MANHOLE |
| MHD | DRAINAGE MANHOLE |
| MHE | ELECTRIC MANHOLE |
| MHS | SANITARY SEWER MANHOLE |
| MHW | WATER MANHOLE |
| MLP | METAL SINGLE STREET LIGHT TOWER |
| MPO | MONOPOLE |
| MTL | METAL TRAFFIC SIGNAL |
| RCP | REINFORCED CONCRETE PIPE |
| SN | SIGN |
| TC | TOP OF CURB |
| TRANS | TRANSFORMER |
| TW | TOP OF WALL |
| UV | UNKNOWN VALVE |
| WTL | WOOD TRAFFIC SIGNAL POLE |
| WV | WATER VALVE |

## UTILITY LINE LEGEND:

- T — COMMUNICATIONS
- E — ELECTRIC
- W — WATER
- OHW — OVERHEAD WIRES
- EASEMENT
- PROPERTY LINE
- 69kV CENTERLINE & STATIONING (1+00)
- EXISTING TOWER
  INNER SQUARE : FOUNDATION LIMITS
  OUTER SQUARE : 5FT FOUNDATION CLEARANCE

Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
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| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | WA | KADKELLO P.E. | KADKELLO P.E. |

TEMP. DWG. NO. F-107589

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**OVERALL PLAN & DRAWING LIST SHEET 2 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

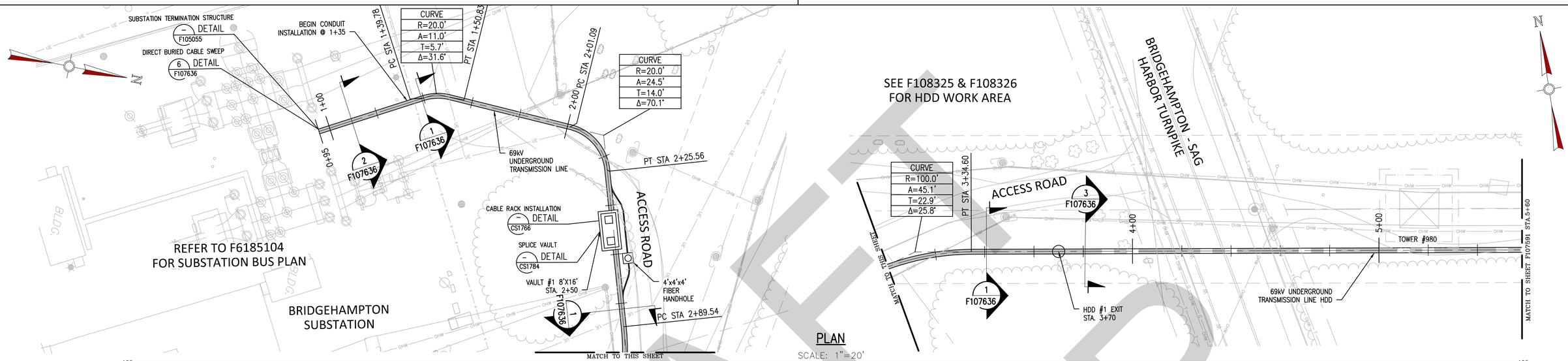
| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107589 | RVF69-FU-01083 | 0 |

SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO.

DRAFT

DRAFT
SWVP




## PLAN

SCALE: 1"=20'

0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
2. VERTICAL LOCATION OF SUBSURFACE UTILITY LINES ARE BASED ON ASSUMED DEPTHS AND MAY VARY FROM THE ACTUAL VERTICAL LOCATIONS.
3. VEGETATION TO BE REMOVED BY CIVIL CONTRACTOR AS NEEDED AND RESTORED TO ORIGINAL CONDITION.

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
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| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | PD DWN BY | MA CKD BY | KANDELO P.E. REVIEWED | KANDELO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | | | | |

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 3 OF 50**

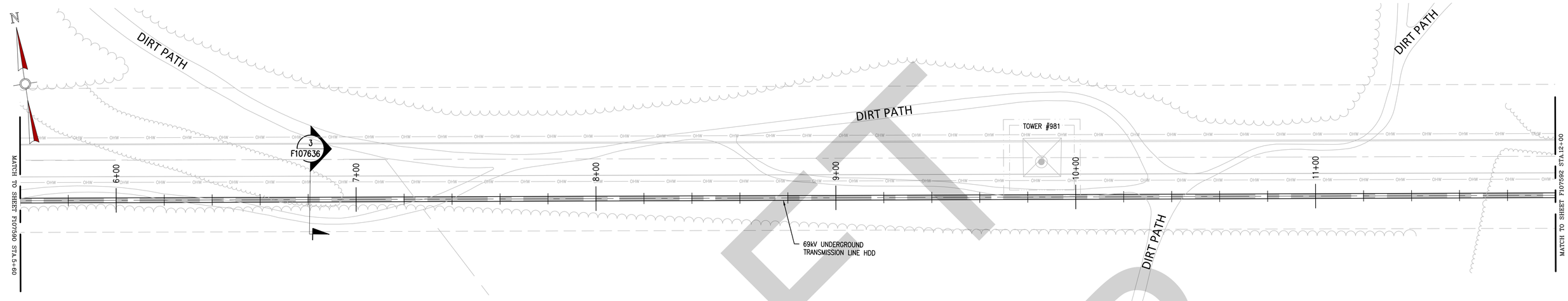
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107590 | RVF69-FU-01084 | 0 |

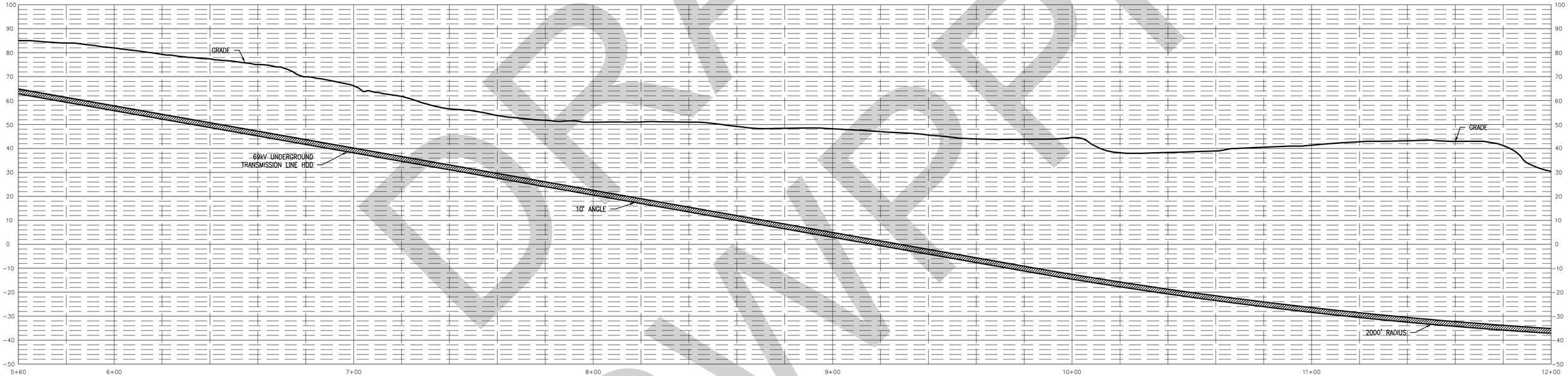
| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

TEMP. DWG. NO. F-107590




PLAN

SCALE: 1"=20'

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0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 10 20 40 60 FEET
VERTICAL SCALE: 1"= 20'

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
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| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | NJKNELLO PE REVIEWED | NJKNELLO PE APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | NJKNELLO PE | NJKNELLO PE |

TEMP. DWG. NO. F-107591

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 4 OF 50**

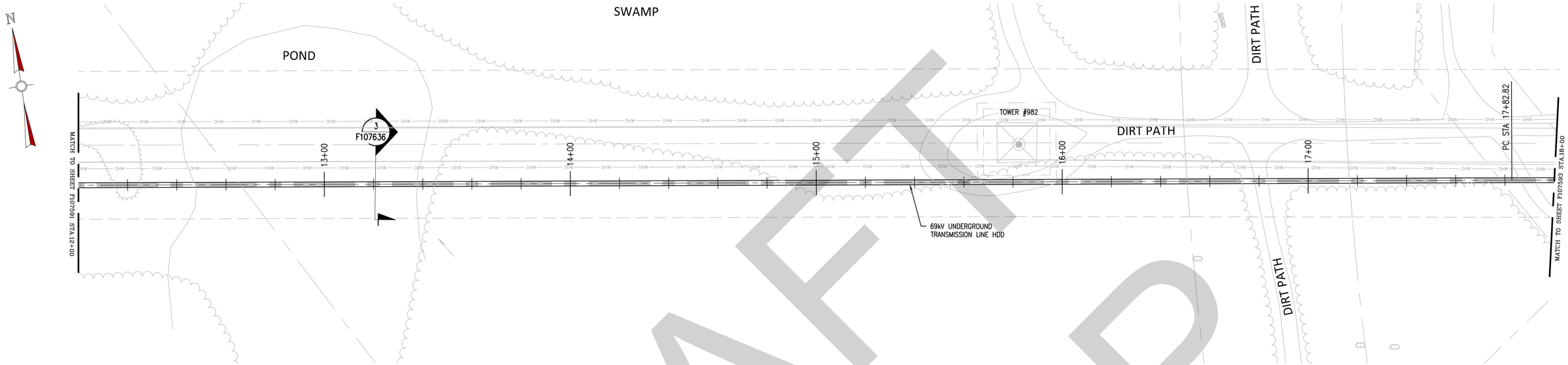
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107591 | RVF69-FU-01085 | 0 |

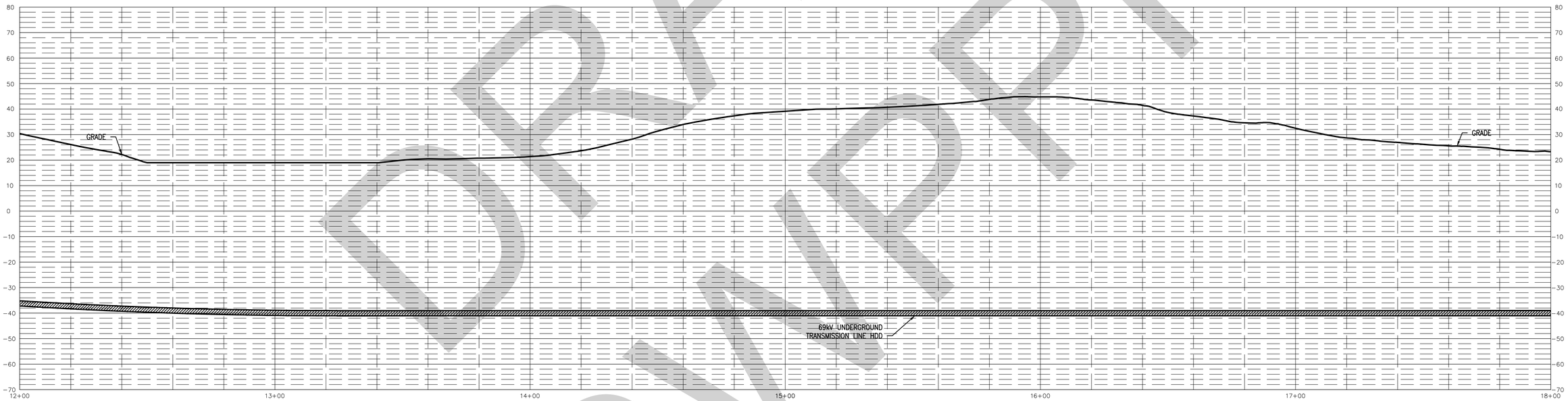
| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT
ISSUED




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 10 20 40 60 FEET

VERTICAL SCALE: 1"= 20'

NOTES:

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | PD | MA | KANDELO P.E. | KANDELO P.E. |

ISSUE

TEMP. DWG. NO. F-107592

**Long Island Power Authority**
**TIANA – BUELL**

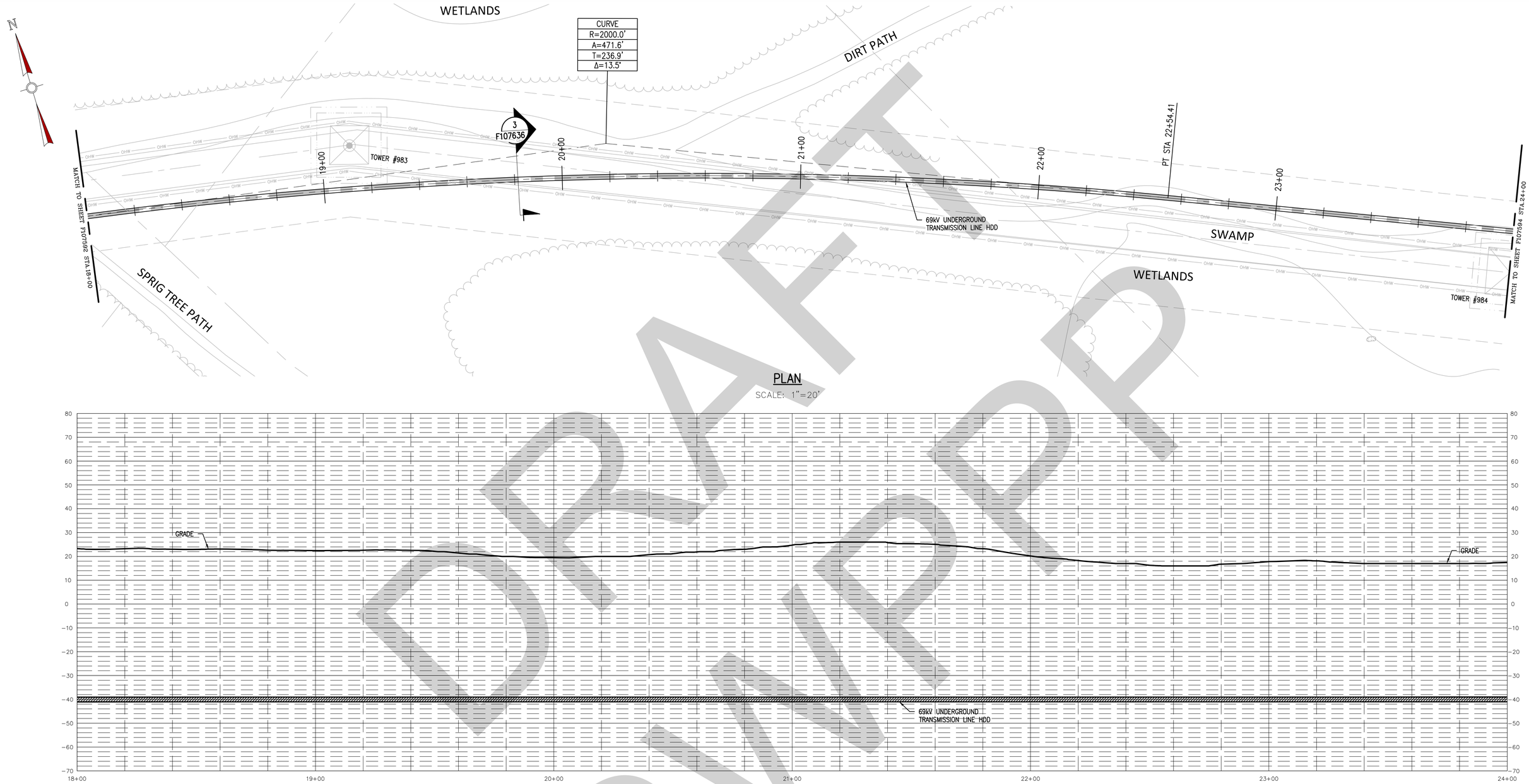
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 5 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| | |
|---|---|
| SCALE: AS SHOWN | VENDOR DWG. NO. |
| DRAWING NO.: F107592 | SMART NO.: RVF69-FU-01086 |
| REVISION: 0 | |
| SYSTEM GRID NUMBER | CABINET NO. |
| FOLDER NO. | |

DRAFT




DRAFT
DRAFT

0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 10 20 40 60 FEET
VERTICAL SCALE: 1"= 20'

NOTES:

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POWER ENGINEERS

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| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | N.NICHOLLS P.E. | N.NICHOLLS P.E. |

TEMP. DWG. NO. F-107593

Long Island Power Authority
TIANA – BUELL
69kV UNDERGROUND TRANSMISSION LINE

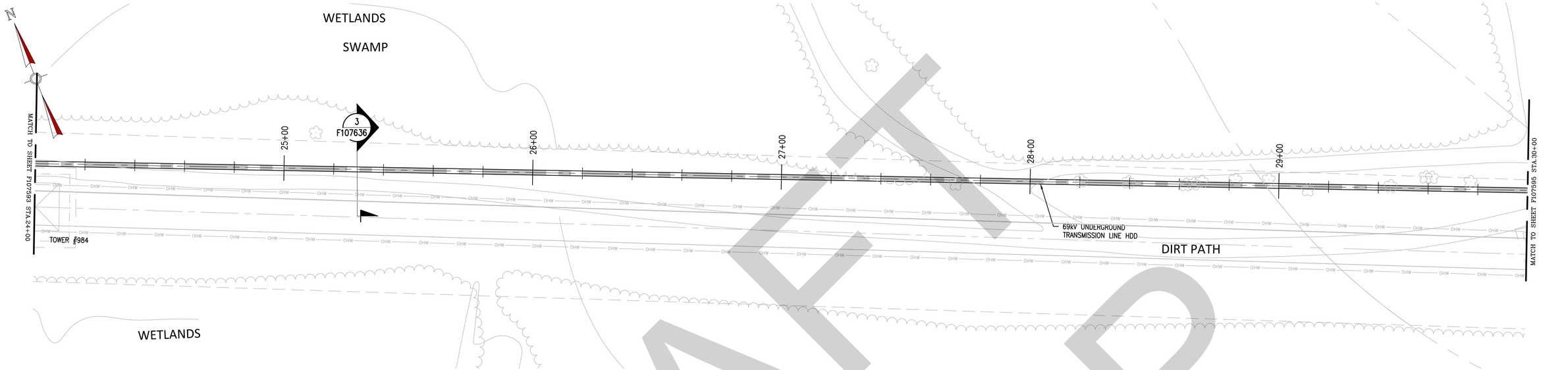
BRIDGEHAMPTON TO BUELL
UNDERGROUND TRANSMISSION CIRCUIT
PLAN & PROFILE SHEET 6 OF 50

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

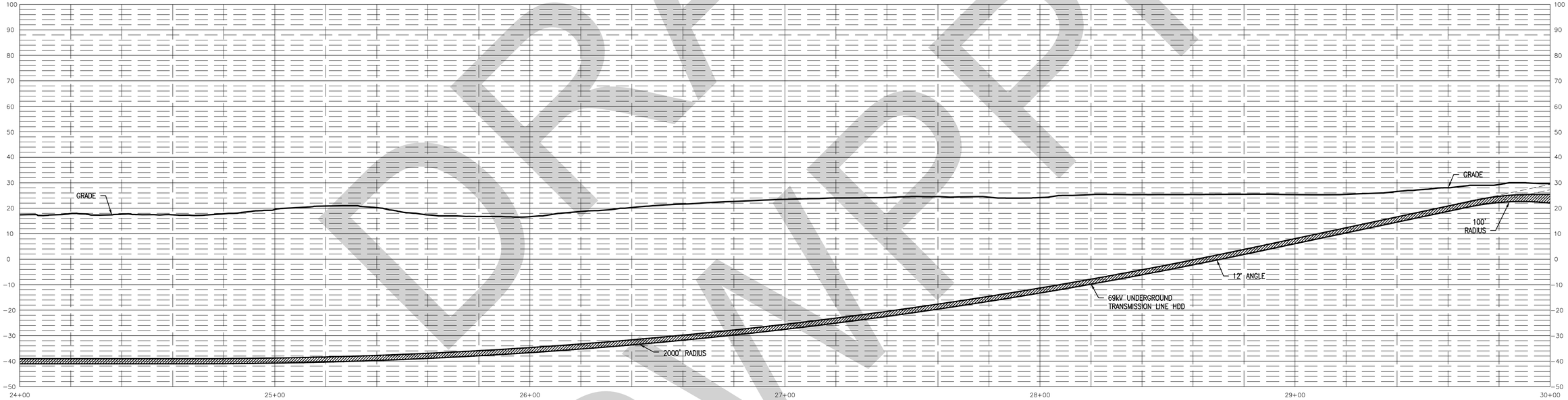
| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107593 | RVF69-FU-01087 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 10 20 40 60 FEET

VERTICAL SCALE: 1"= 20'

NOTES:

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POWER ENGINEERS

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| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L.99677

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | N.NICHOLLS P.E. | N.NICHOLLS P.E. |

ISSUE

TEMP. DWG. NO. F-107594

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 7 OF 50**

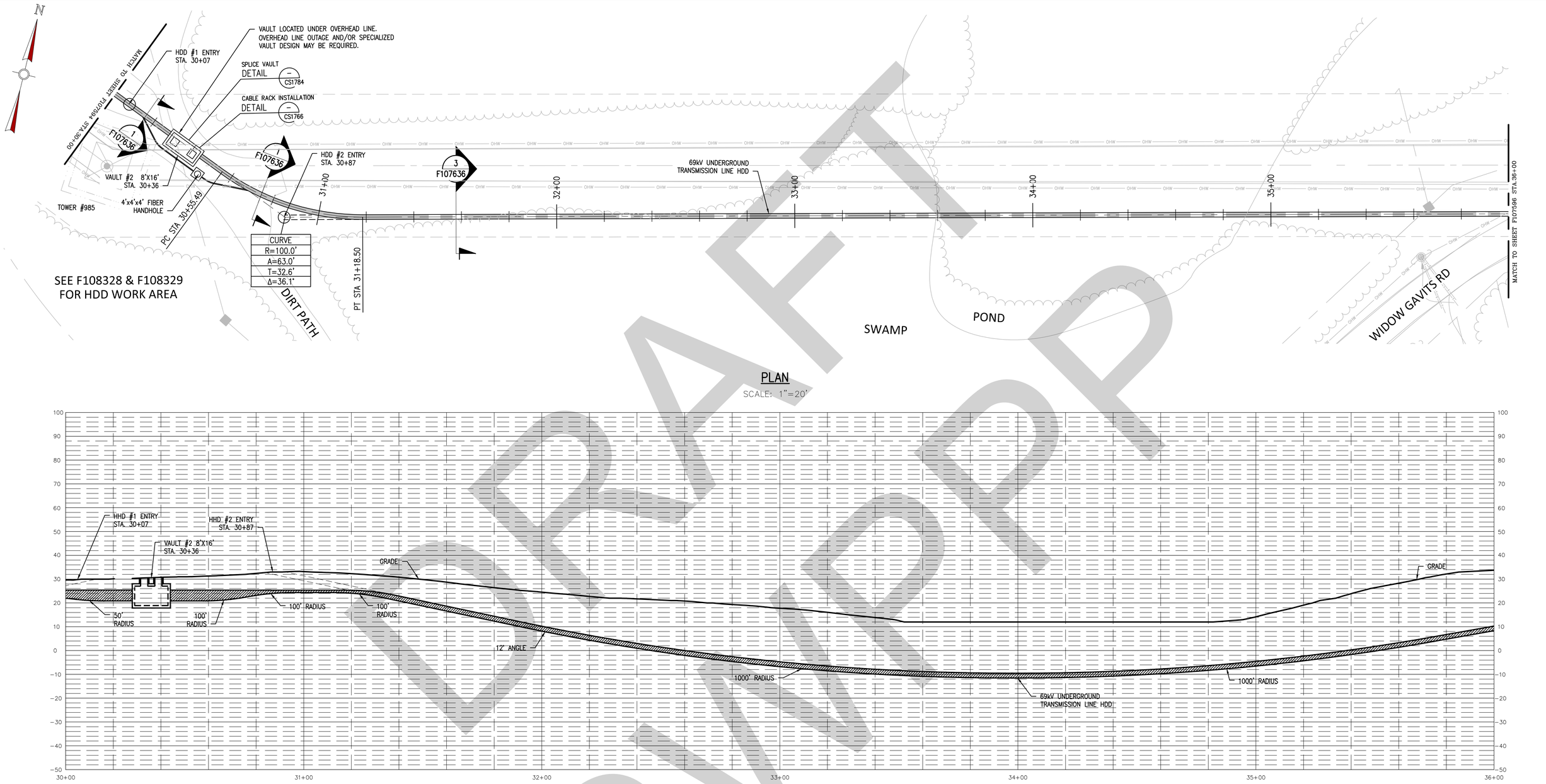
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107594 | RVF69-FU-01088 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT
SUBMIT




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 10 20 40 60 FEET

VERTICAL SCALE: 1"= 20'

NOTES:

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POWER ENGINEERS

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|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
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| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | PD | MA | KJNOELLO PE. | KJNOELLO PE. |

TEMP. DWG. NO. F-107595

**Long Island Power Authority**
**TIANA – BUELL**

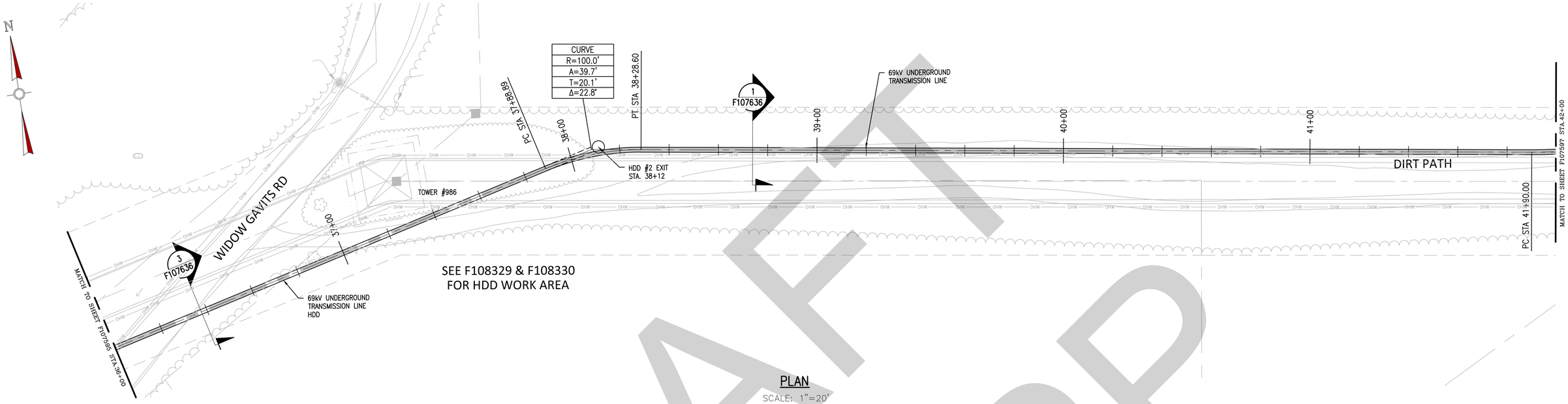
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 8 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

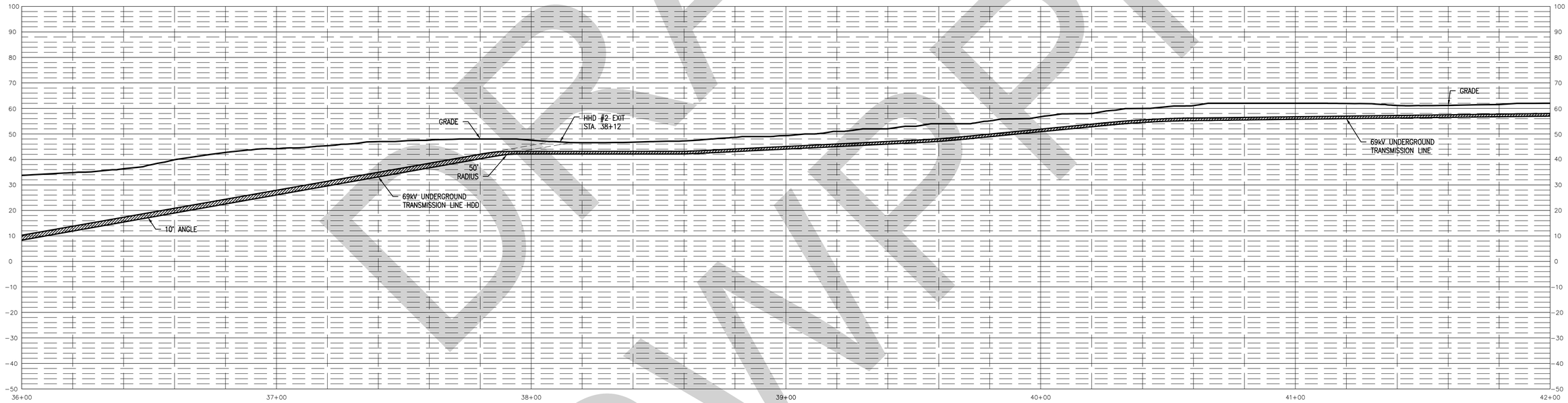
| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |
| DRAWING NO. F107595 | SMART NO. RVF69-FU-01089 |
| REVISION 0 | |
| SYSTEM GRID NUMBER | CABINET NO. |
| FOLDER NO. | |

DRAFT
ISSUE




PLAN

SCALE: 1"=20'




DRAFT SWPP

0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 10 20 40 60 FEET

VERTICAL SCALE: 1"= 20'

NOTES:

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POWER ENGINEERS

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| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | N.MONELLO P.E. | N.MONELLO P.E. |

TEMP. DWG. NO. F-107596

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 9 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

SCALE: AS SHOWN

VENDOR DWG. NO.

DRAWING NO. F107596

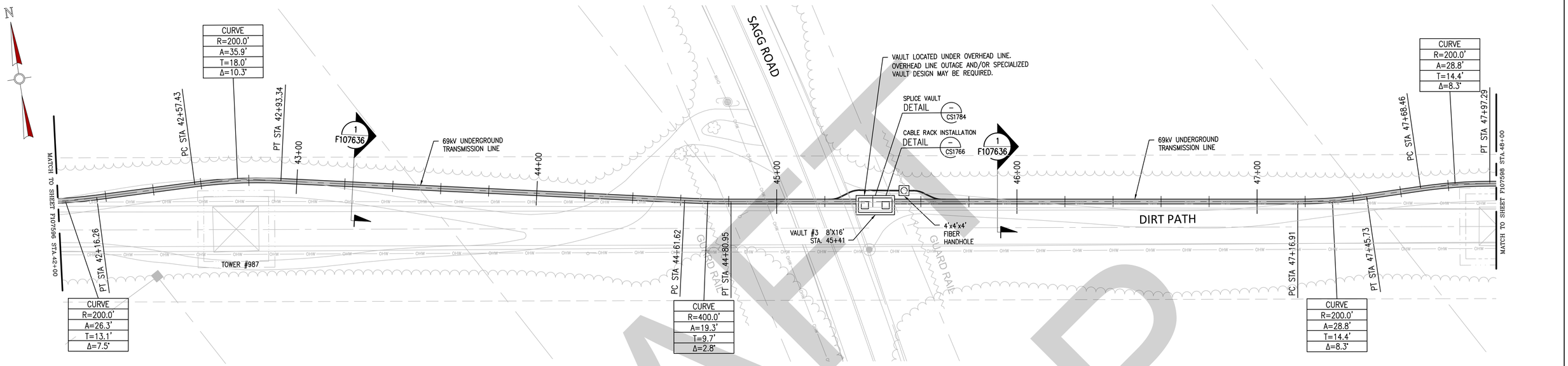
SMART NO. RVF69-FU-01090

REVISION 0

SYSTEM GRID NUMBER

CABINET NO.

FOLDER NO.




## PLAN

SCALE: 1"=20'







0 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

NOTES:

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POWER ENGINEERS

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| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9607 | ISSUED FOR CONSTRUCTION | PD | MA | M.NOVELLO P.E. | M.NOVELLO P.E. |

TEMP. DWG. NO. F-107597

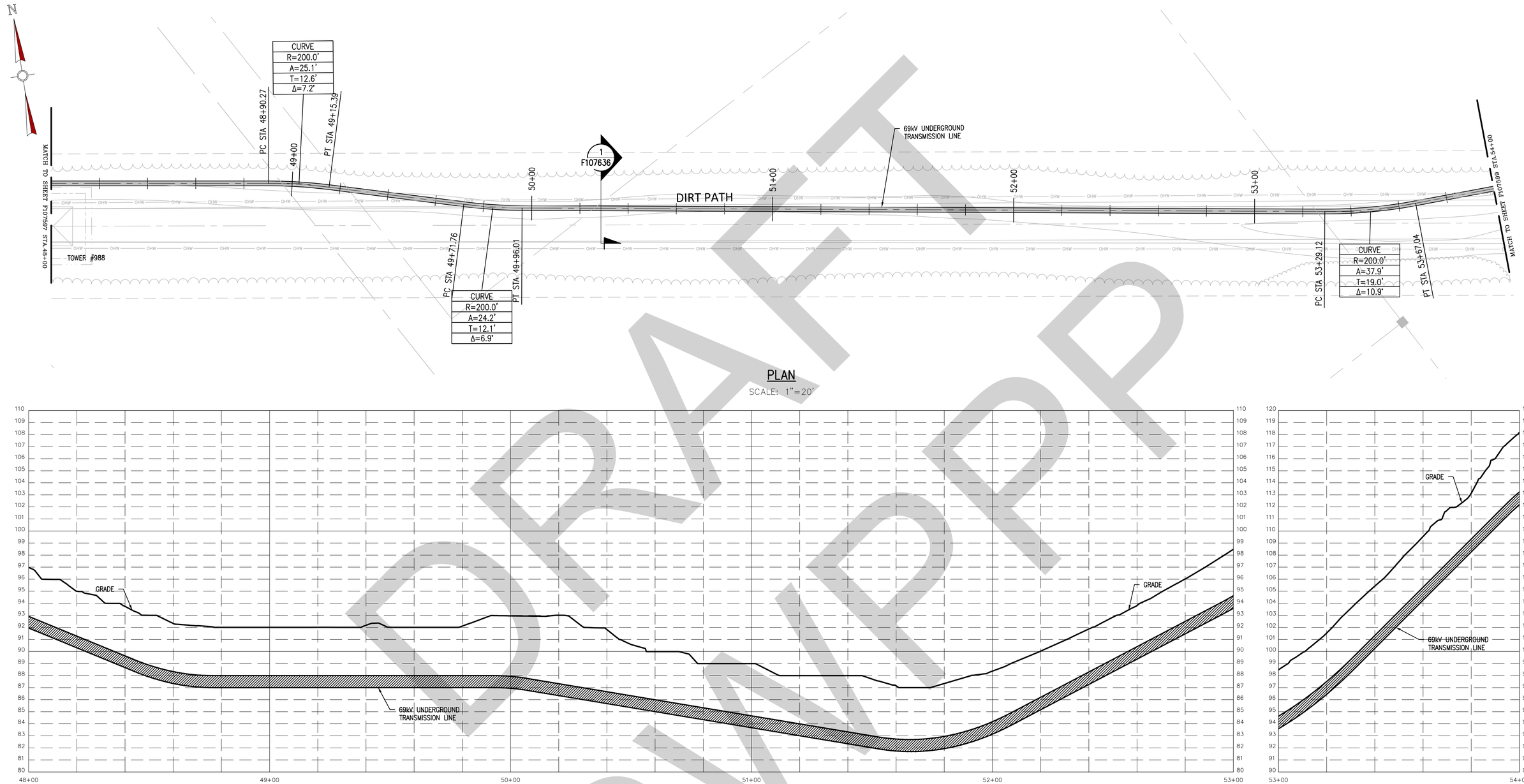
**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 10 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| | |
|---|---|
| SCALE: AS SHOWN | VENDOR DWG. NO. |
| DRAWING NO.: F107597 | SMART NO.: RVF69-FU-01091 |
| REVISION: 0 | |
| SYSTEM GRID NUMBER | CABINET NO. |
| FOLDER NO. | |

DRAFT
SWIP




PLAN

SCALE: 1"=20'

DRAFT SWPP

0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

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| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | N.MONELLO P.E. | N.MONELLO P.E. |

TEMP. DWG. NO. F-107598

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 11 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

SCALE: AS SHOWN

VENDOR DWG. NO.

DRAWING NO. F107598

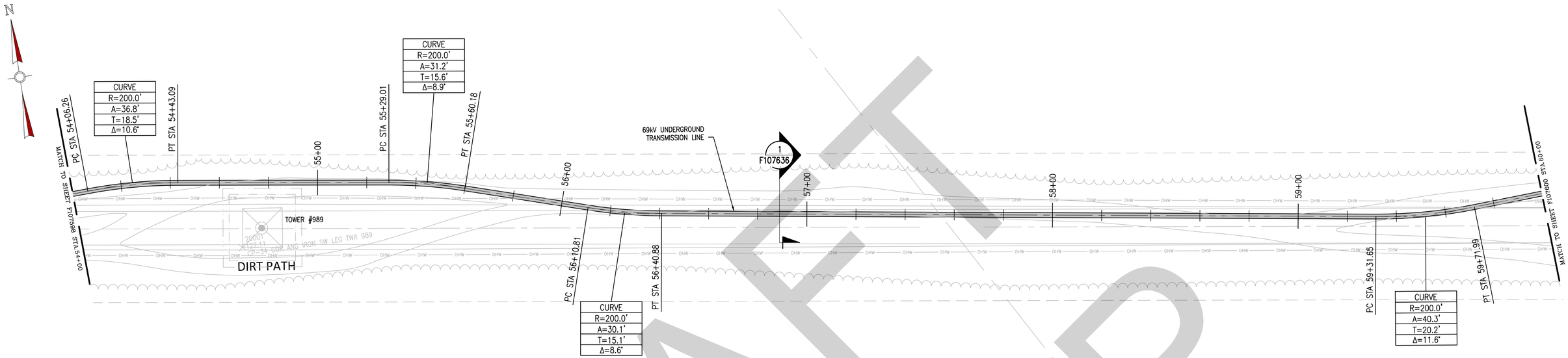
SMART NO. RVF69-FU-01092

REVISION 0

SYSTEM GRID NUMBER

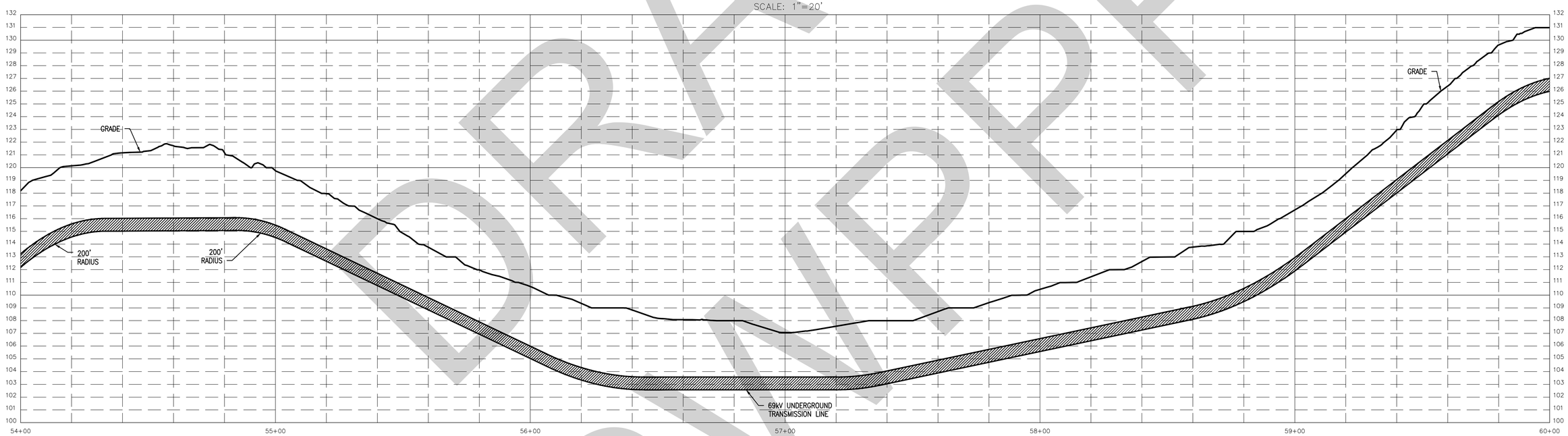
CABINET NO.

FOLDER NO.




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

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| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | NJNDELLO P.E. REVIEWED | NJNDELLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | NJNDELLO | NJNDELLO |

ISSUE

TEMP. DWG. NO. F-107599

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL UNDERGROUND TRANSMISSION CIRCUIT PLAN & PROFILE SHEET 12 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107599 | RVF69-FU-01093 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

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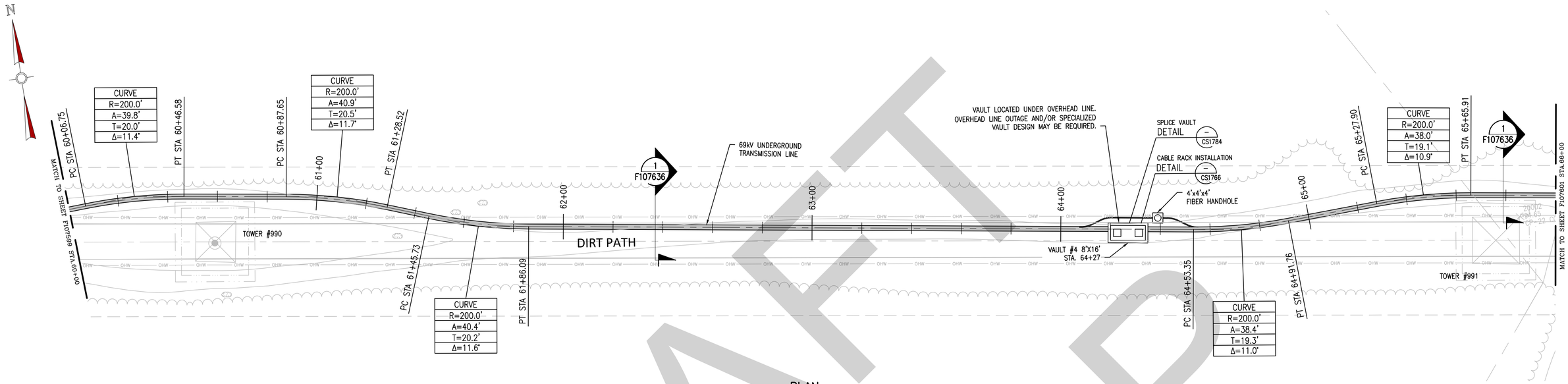
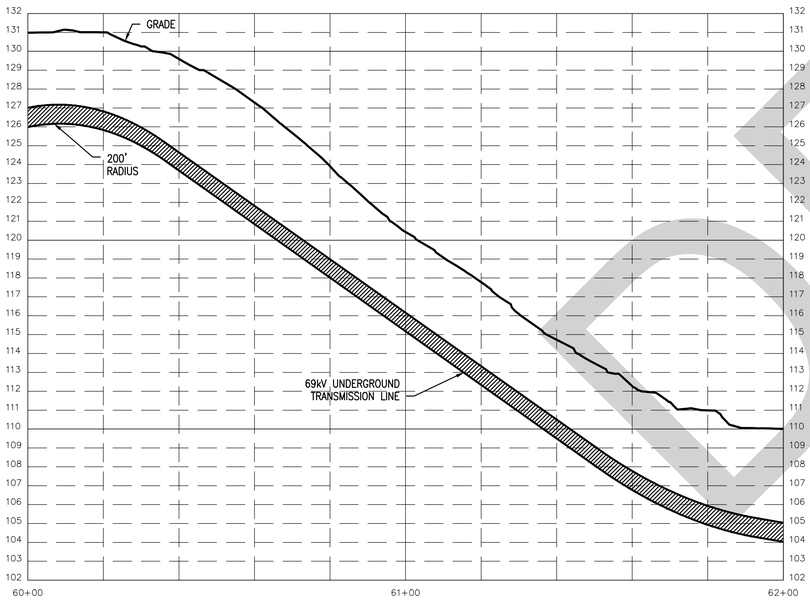
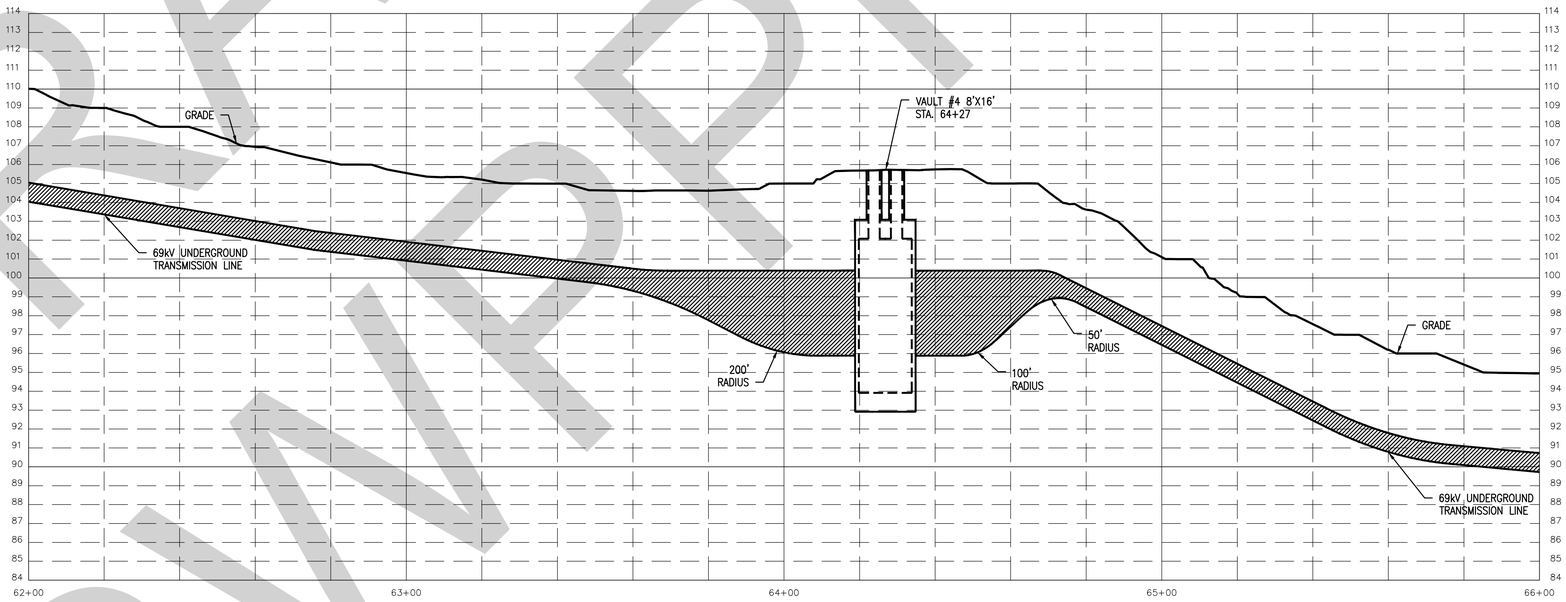



PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

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| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | N.MONELLO P.E. | N.MONELLO P.E. |

TEMP. DWG. NO. F-107600

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 13 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

SCALE: AS SHOWN

VENDOR DWG. NO.

DRAWING NO. F107600

SMART NO. RVF69-FU-01094

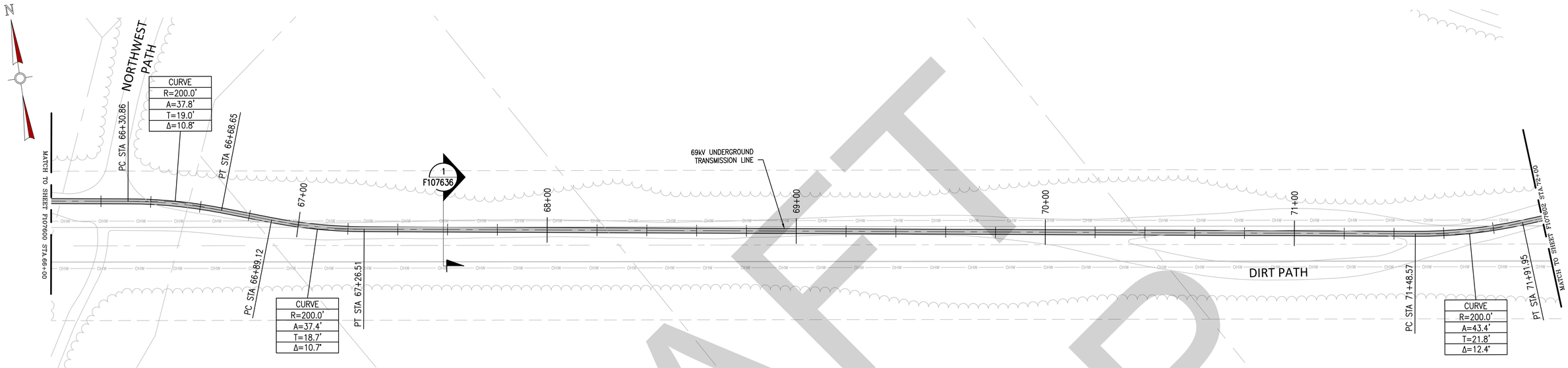
REVISION 0

SYSTEM GRID NUMBER

CABINET NO.

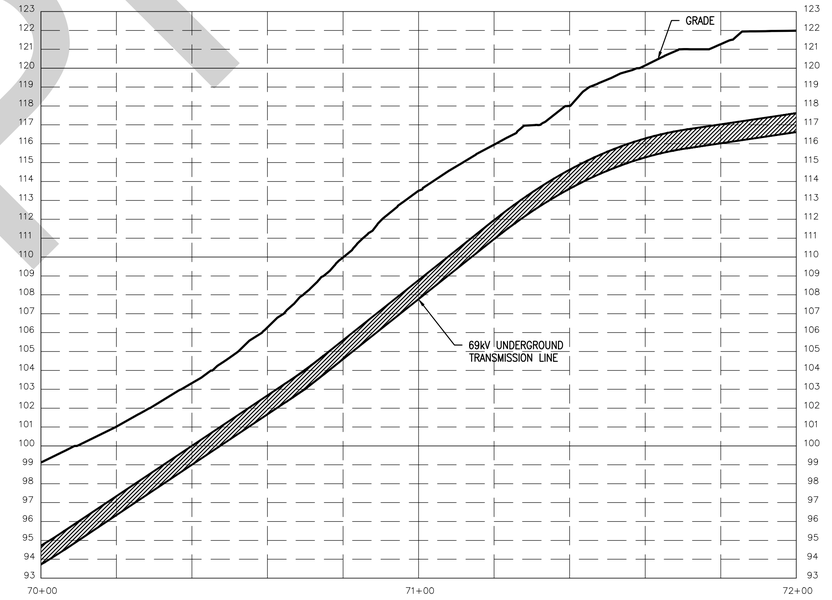
FOLDER NO.

DRAFT SWPP




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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3. VEGETATION TO BE REMOVED BY CIVIL CONTRACTOR AS NEEDED AND RESTORED TO ORIGINAL CONDITION.

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | PD | MA | KANDELO P.E. | KANDELO P.E. |

TEMP. DWG. NO. F-107601

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 14 OF 50**

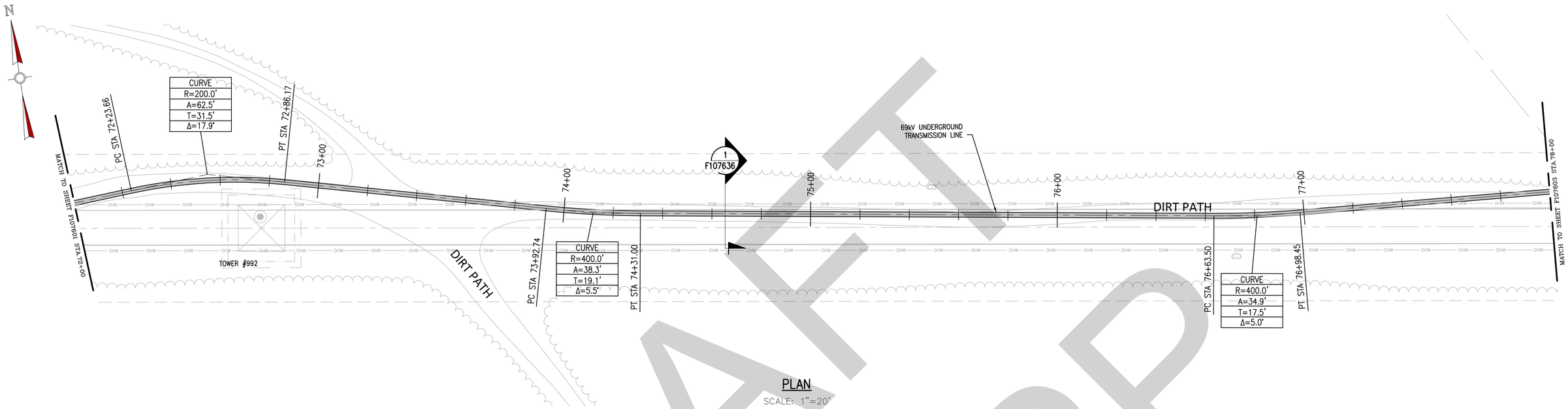
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107601 | RVF69-FU-01095 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT SWPPP




## PLAN

SCALE: 1"=20'

0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
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| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L-99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | RANDELLO P.E. | RANDELLO P.E. |

TEMP. DWG. NO. F-107602

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 15 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

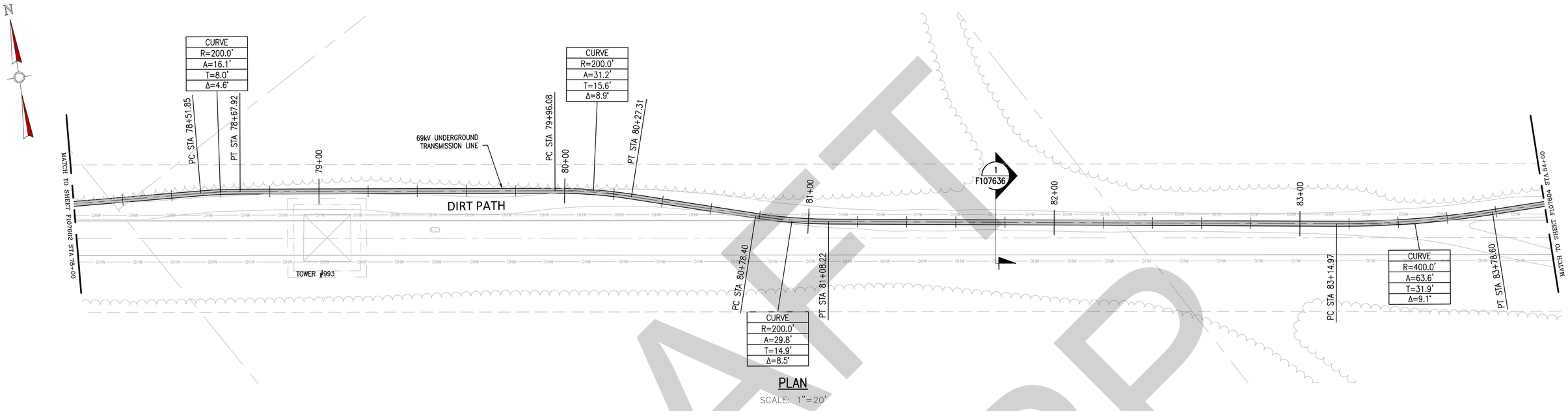
| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107602 | RVF69-FU-01096 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

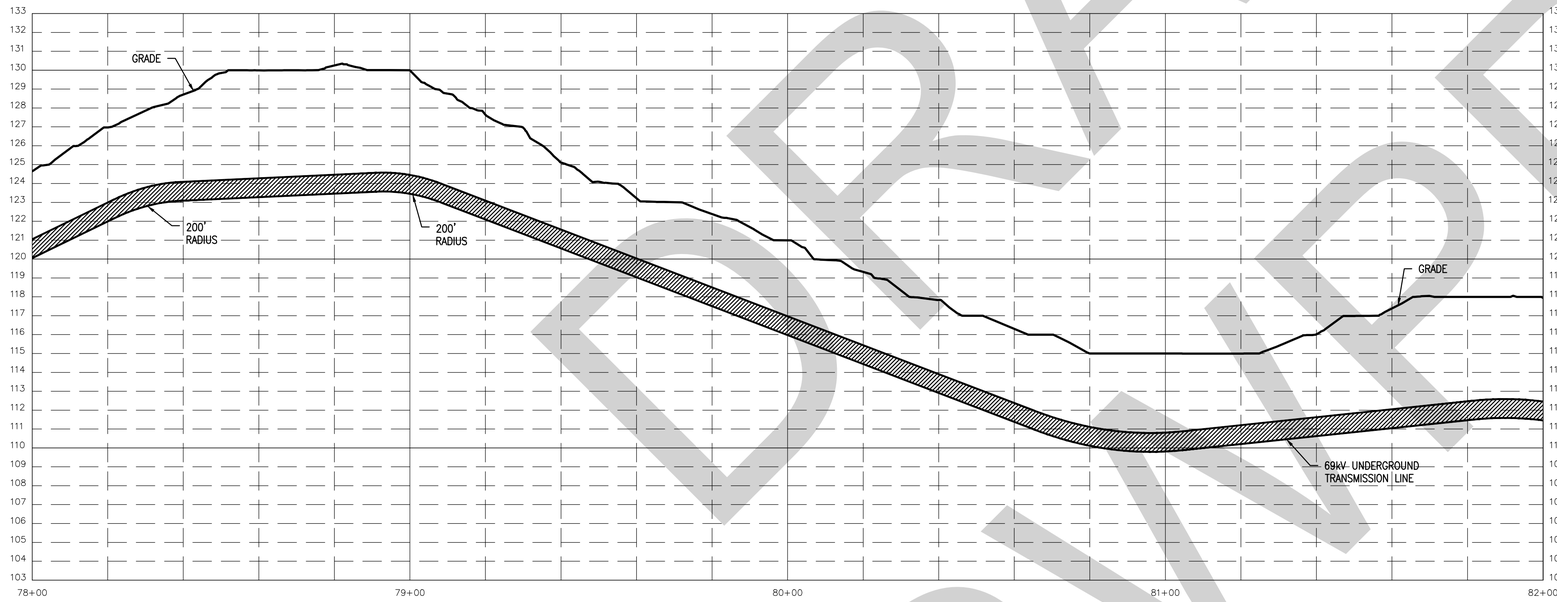
DRAFT SWPPP

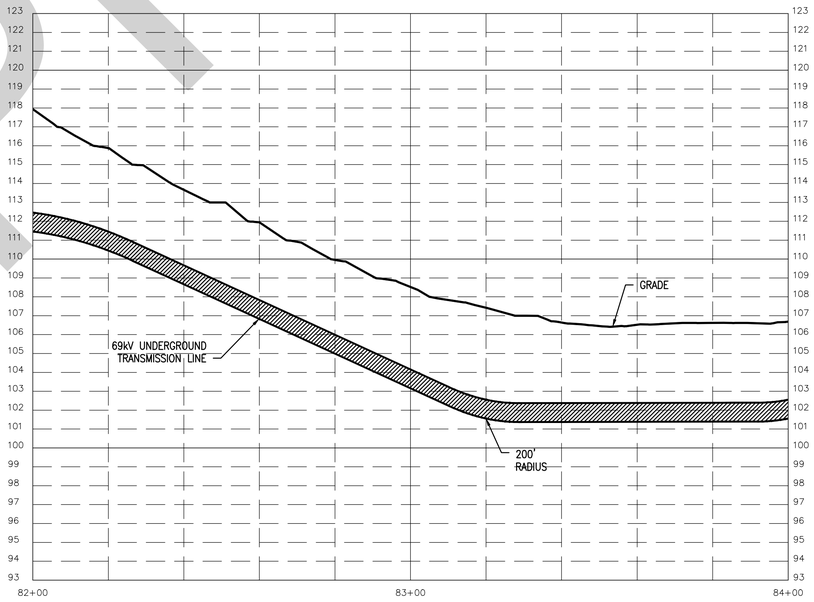
DRAFT
SWPP




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9607 | ISSUED FOR CONSTRUCTION | PD | MA | RANDELLO P.E. | RANDELLO P.E. |

TEMP. DWG. NO. F-107603

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

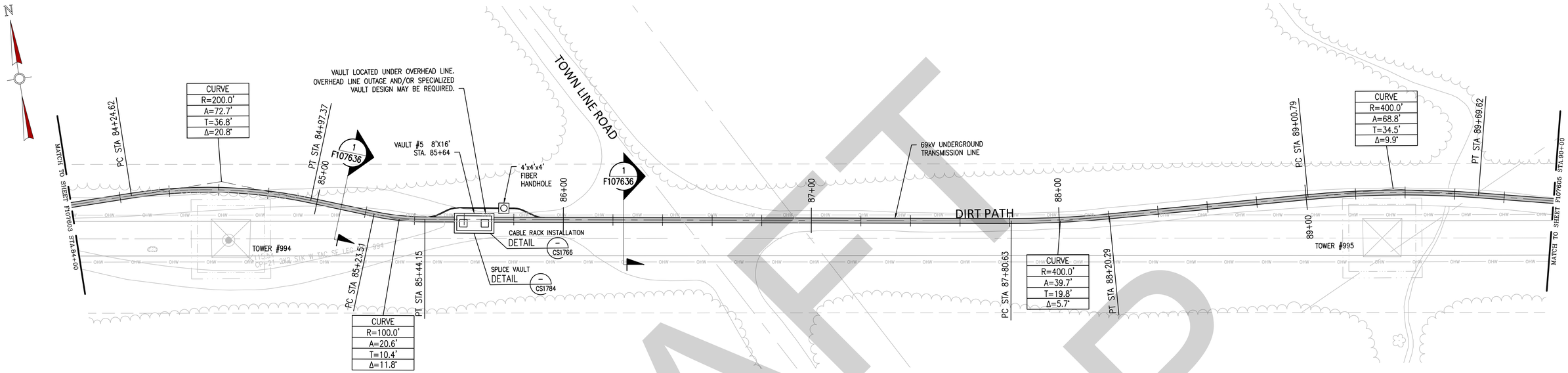
**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 16 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

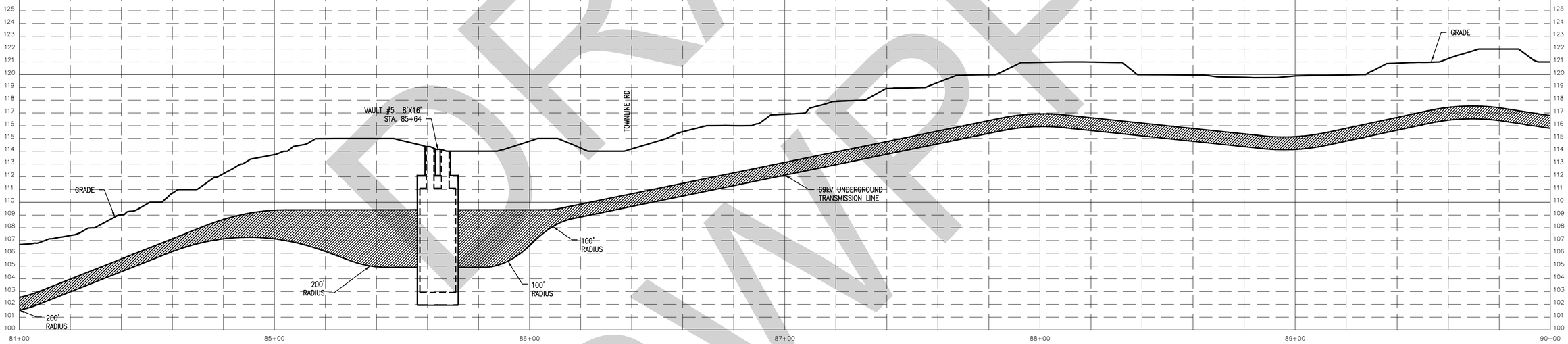
| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107603 | RVF69-FU-01097 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | NJNOELLO P.E. REVIEWED | NJNOELLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9607 | ISSUED FOR CONSTRUCTION | PD | MA | | |

TEMP. DWG. NO. F-107604

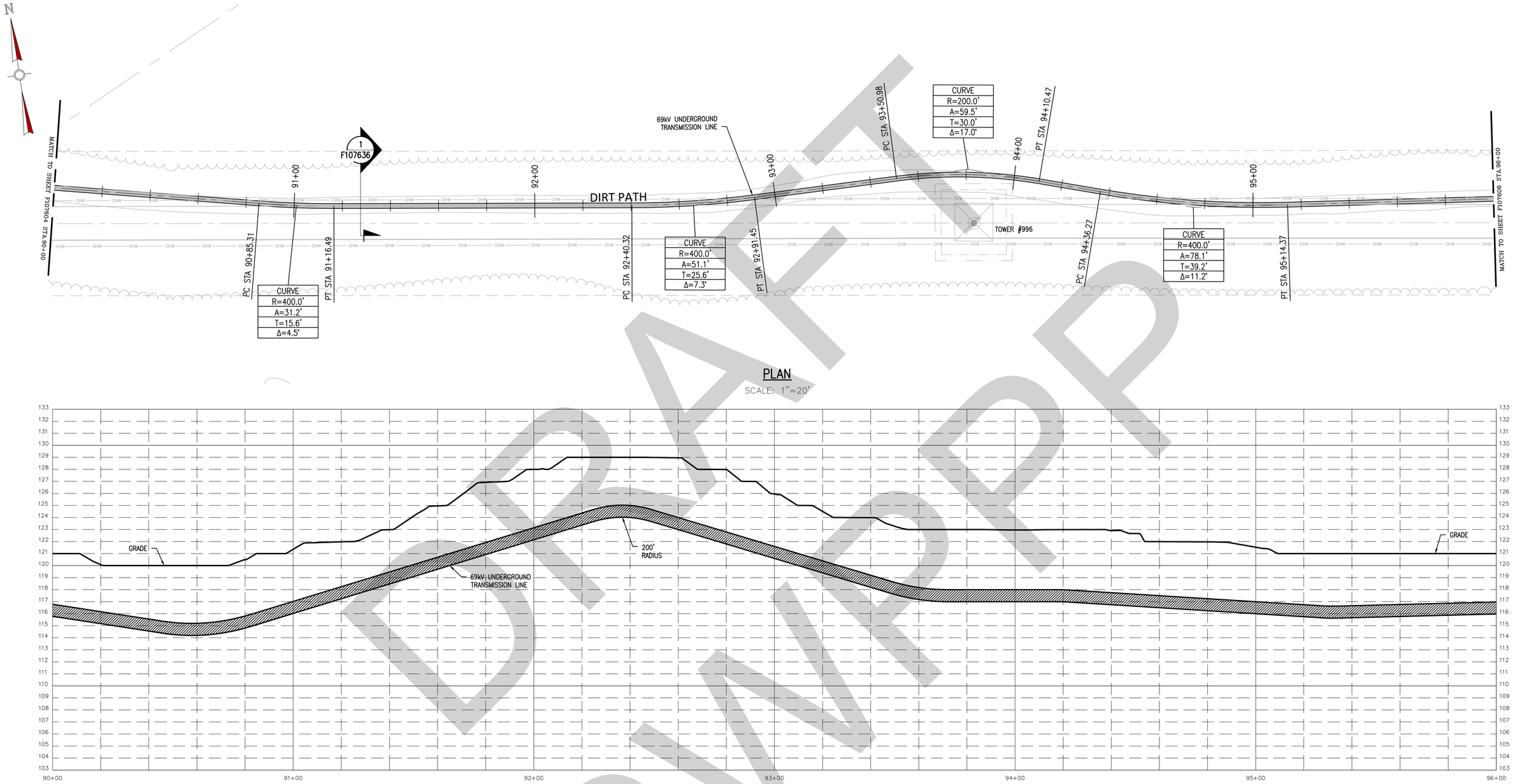
**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 17 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |
| DRAWING NO. F107604 | SMART NO. RVF69-FU-01098 |
| REVISION 0 | |
| SYSTEM GRID NUMBER | CABINET NO. |
| FOLDER NO. | |

DRAFT NOT FOR CONSTRUCTION




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
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| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | PD DWN BY | MA CKD BY | KADKELO P.E. REVIEWED | KADKELO P.E. APPD. |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | | | | |

TEMP. DWG. NO. F-107605

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 18 OF 50**

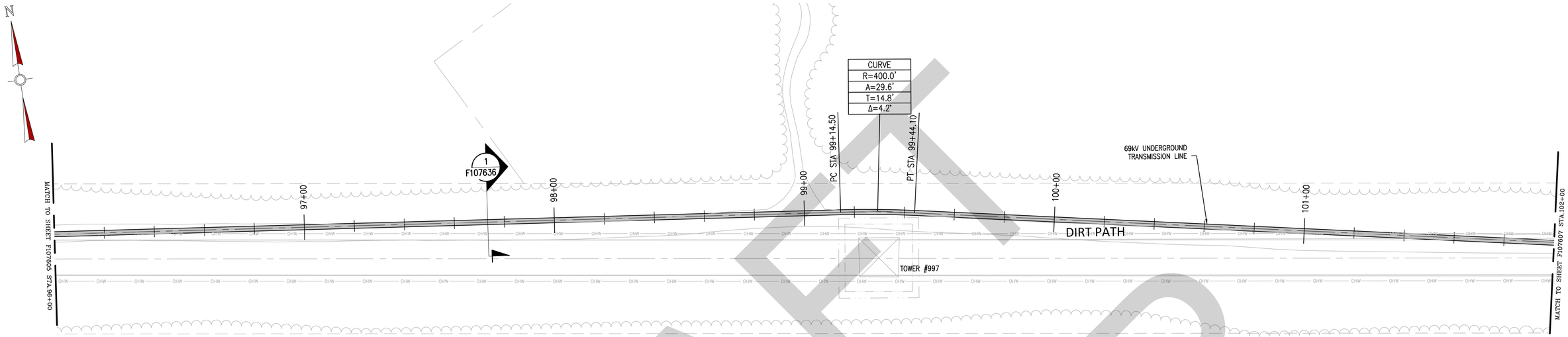
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107605 | RVF69-FU-01099 | 0 |

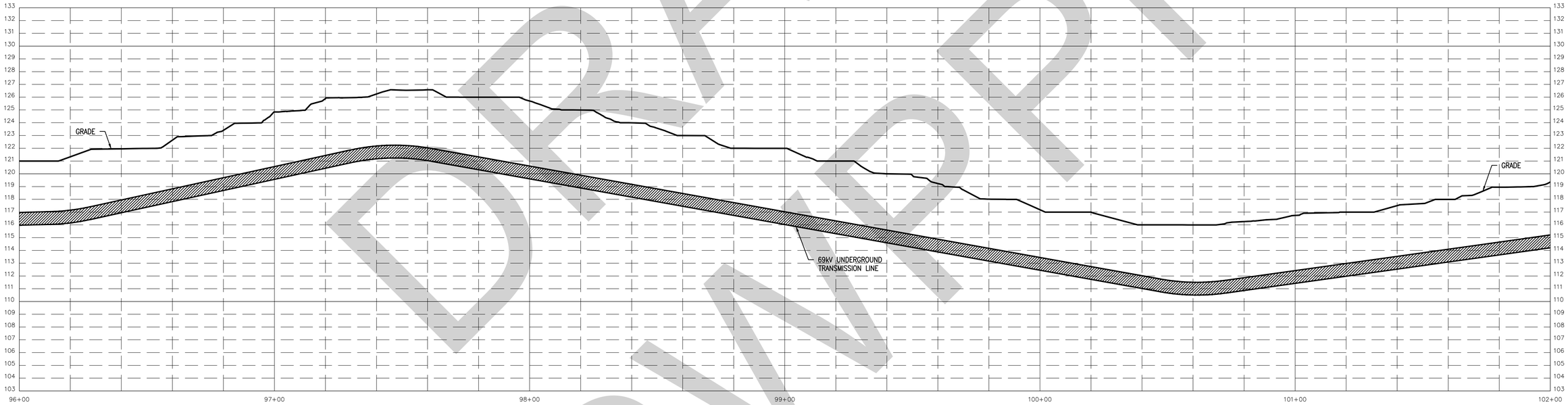
SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO.

DRAFT SWPP




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

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POWER ENGINEERS

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|---|---|---|---|---|---|
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| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | KANDELLO P.E. REVIEWED | KANDELLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9607 | ISSUED FOR CONSTRUCTION | PD | MA | KANDELLO P.E. | KANDELLO P.E. |

TEMP. DWG. NO. F-107606

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 19 OF 50**

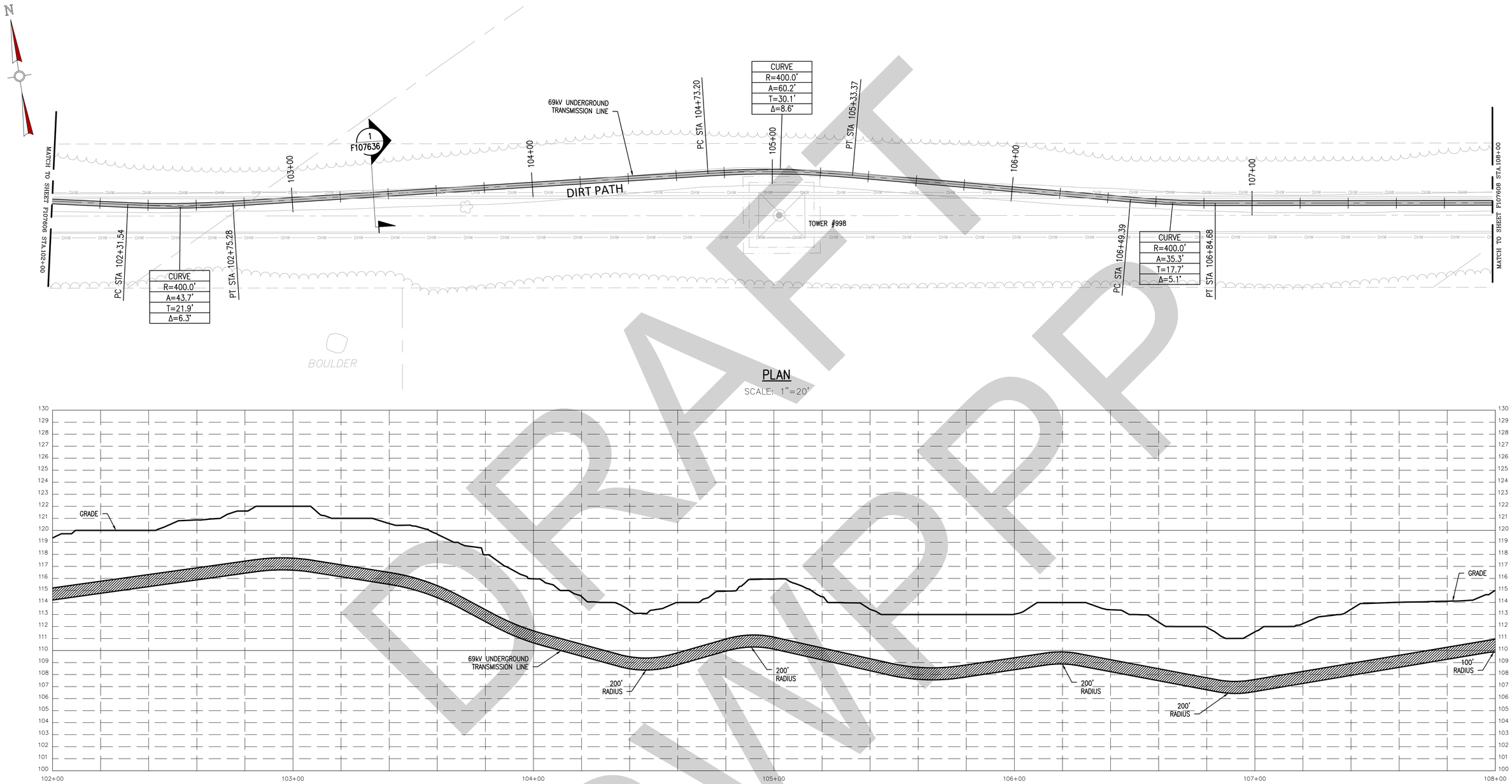
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107606 | RVF69-FU-01100 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT NOT FOR CONSTRUCTION




## PLAN

SCALE: 1"=20'

0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

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POWER ENGINEERS

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|---|---|---|---|---|---|
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| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9607 | ISSUED FOR CONSTRUCTION | PD | MA | N.NOVELLO P.E. | N.NOVELLO P.E. |

TEMP. DWG. NO. F-107607

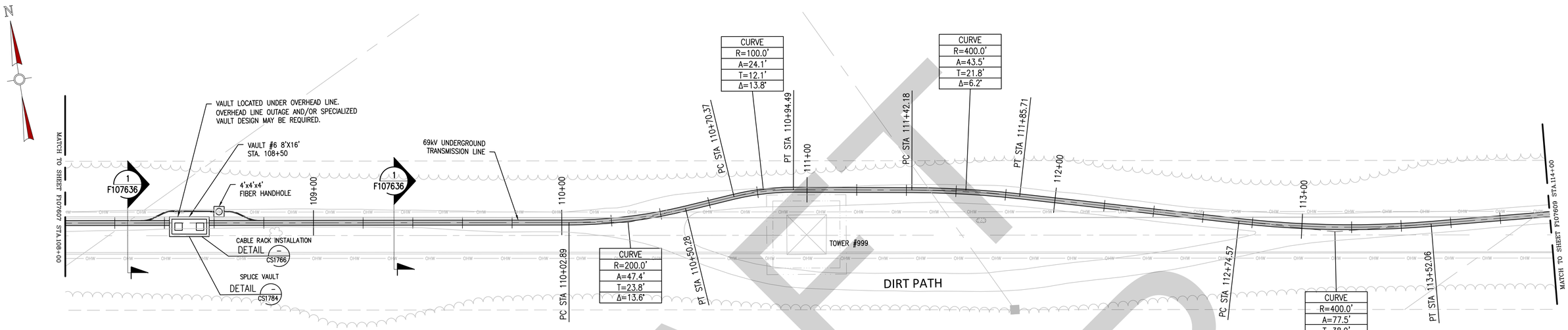
**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 20 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

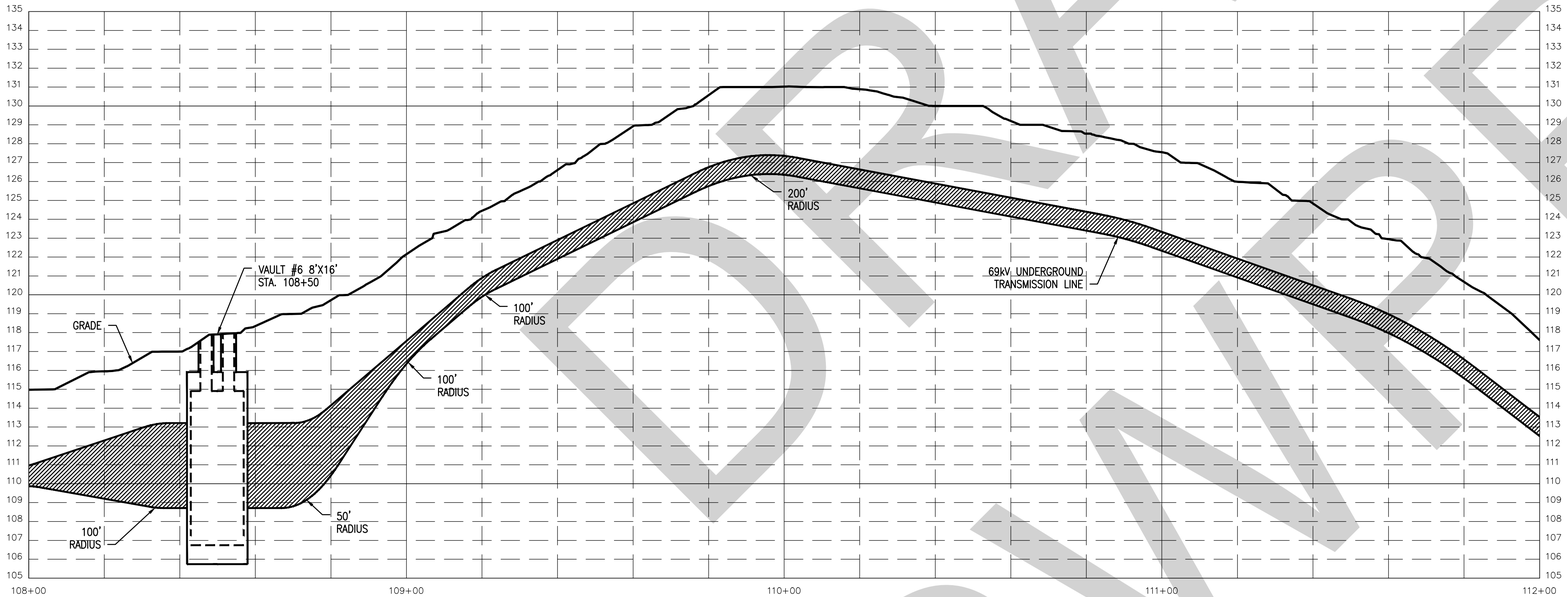
| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |
| DRAWING NO. F107607 | SMART NO. RVF69-FU-01101 |
| REVISION 0 | |
| SYSTEM GRID NUMBER | CABINET NO. |
| FOLDER NO. | |

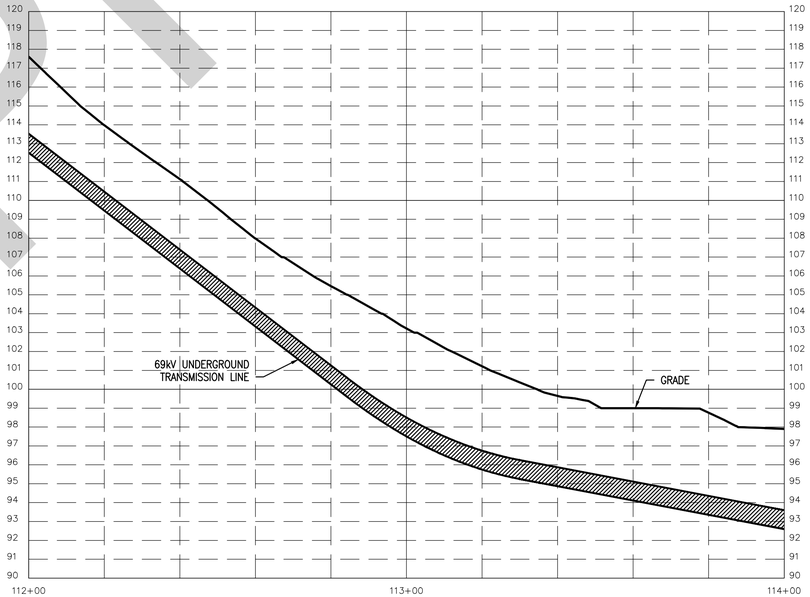
DRAFT NOT FOR CONSTRUCTION




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

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3. VEGETATION TO BE REMOVED BY CIVIL CONTRACTOR AS NEEDED AND RESTORED TO ORIGINAL CONDITION.

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 09/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | RJMORELLO P.E. | RJMORELLO P.E. |

TEMP. DWG. NO. F-107608

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 21 OF 50**

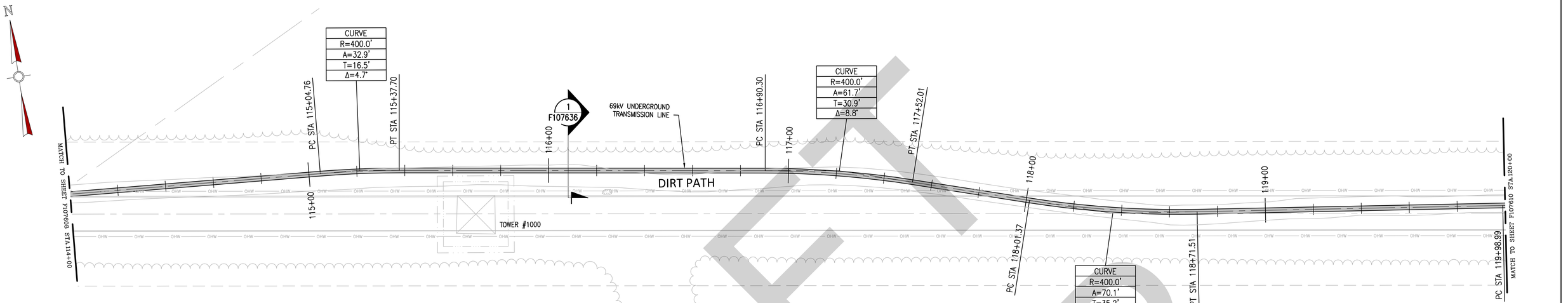
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107608 | RVF69-FU-01102 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT ISSUED




## PLAN

SCALE: 1"=20'







0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | RJADELLO P.E. | RJADELLO P.E. |

TEMP. DWG. NO. F-107609

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 22 OF 50**

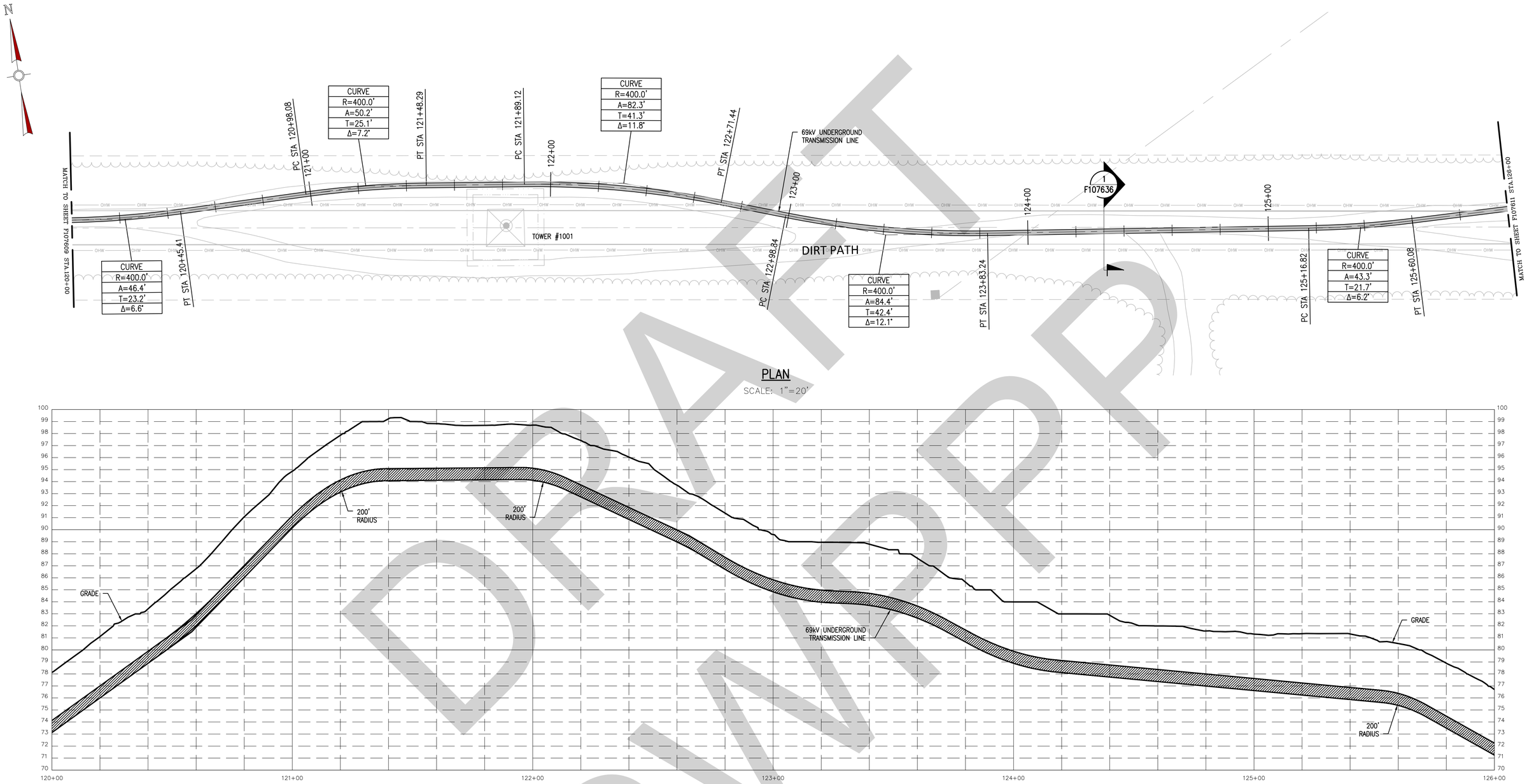
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107609 | RVF69-FU-01103 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT
NOT FOR CONSTRUCTION




## PLAN

SCALE: 1"=20'




NOTES:

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0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
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| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | KHOKHLO P.E. REVIEWED | KHOKHLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | KHOKHLO P.E. | KHOKHLO P.E. |

TEMP. DWG. NO. F-107610

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 23 OF 50**

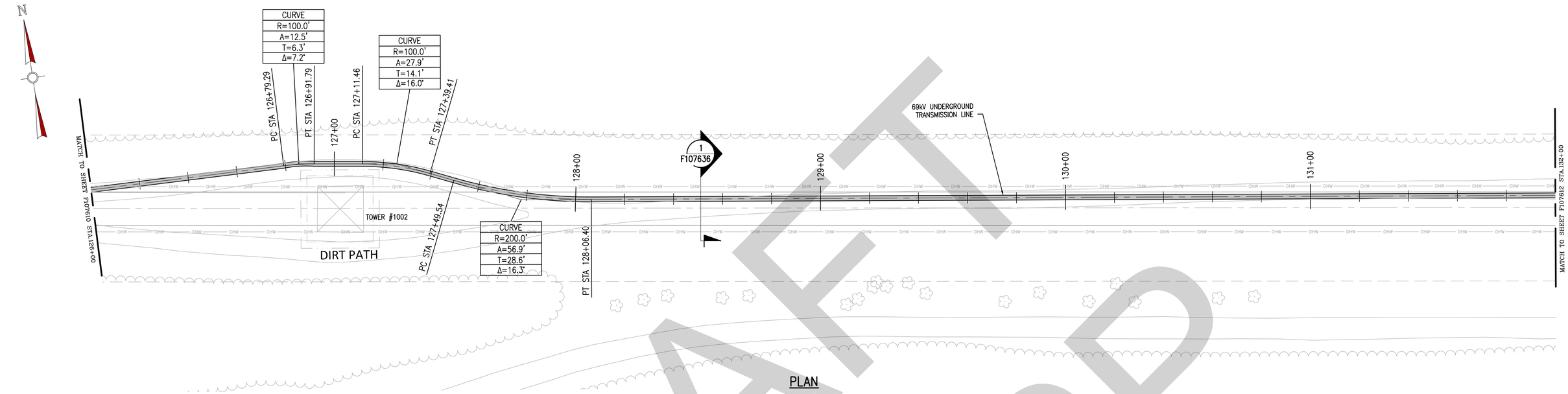
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107610 | RVF69-FU-01104 | 0 |

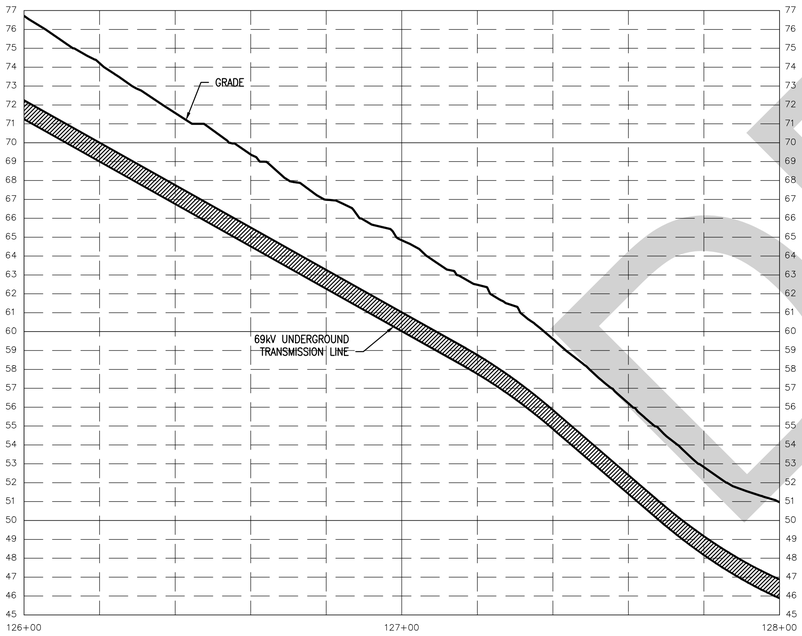
| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

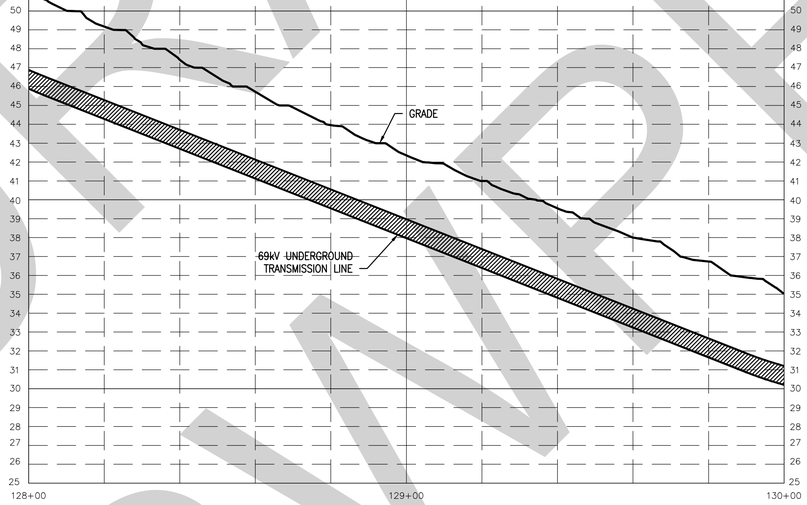
DRAFT NOT FOR CONSTRUCTION

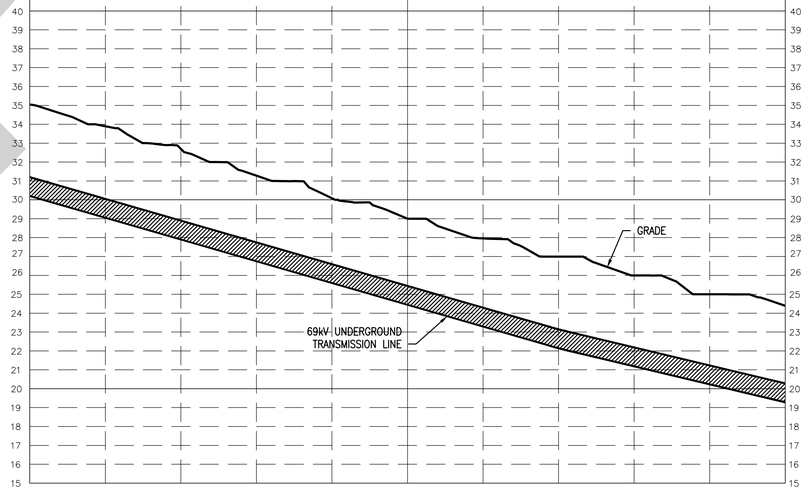



## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 09/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | NJMCELLO P.E. | NJMCELLO P.E. |

TEMP. DWG. NO. F-107611

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 24 OF 50**

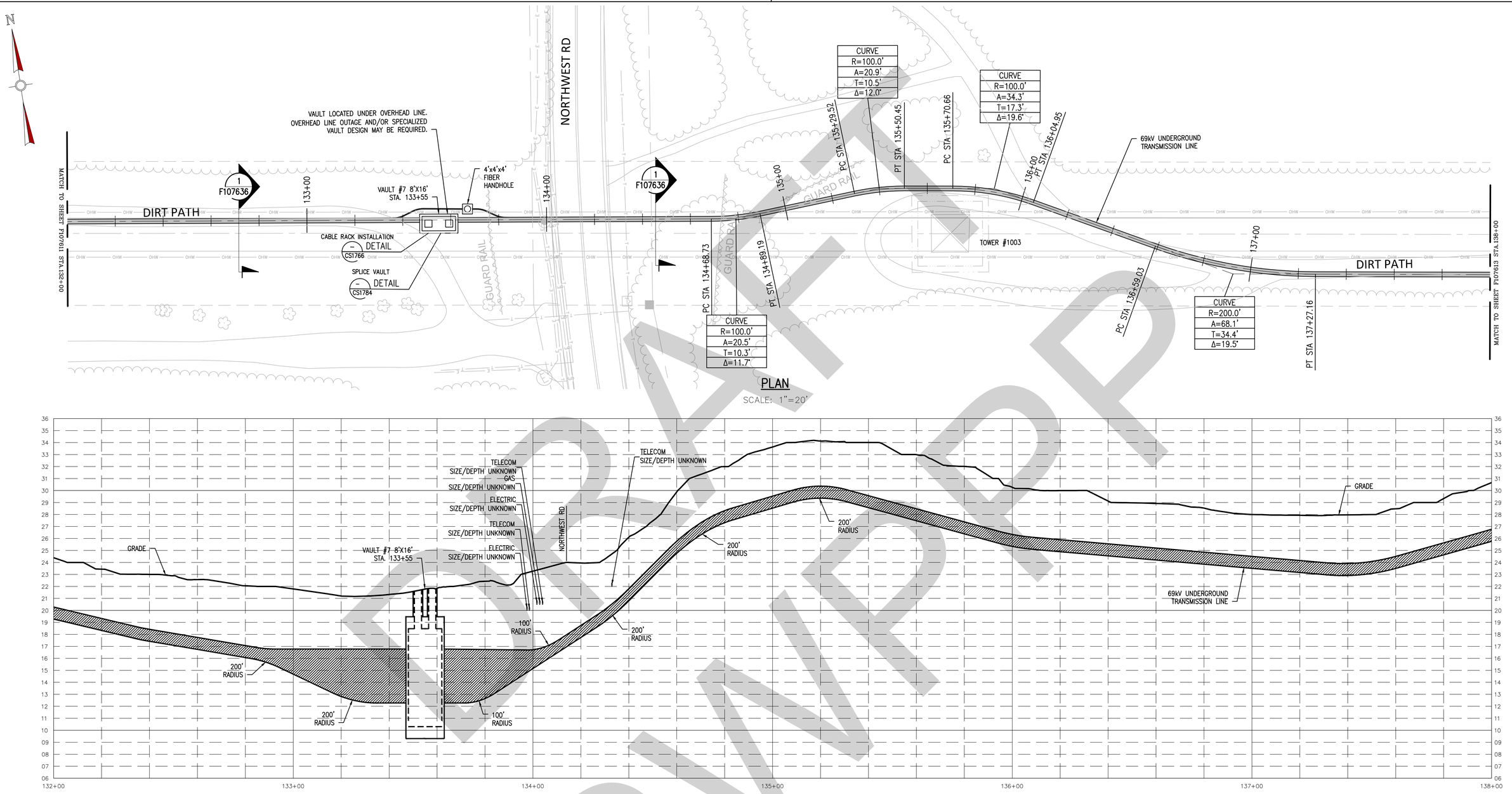
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107611 | RVF69-FU-01105 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT SWPPP




DRAFT SWPPP

0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L99677 | ISSUED FOR CONSTRUCTION | PD | MA | N.NOVELLO P.E. | N.NOVELLO P.E. |

ISSUE

TEMP. DWG. NO. F-107612

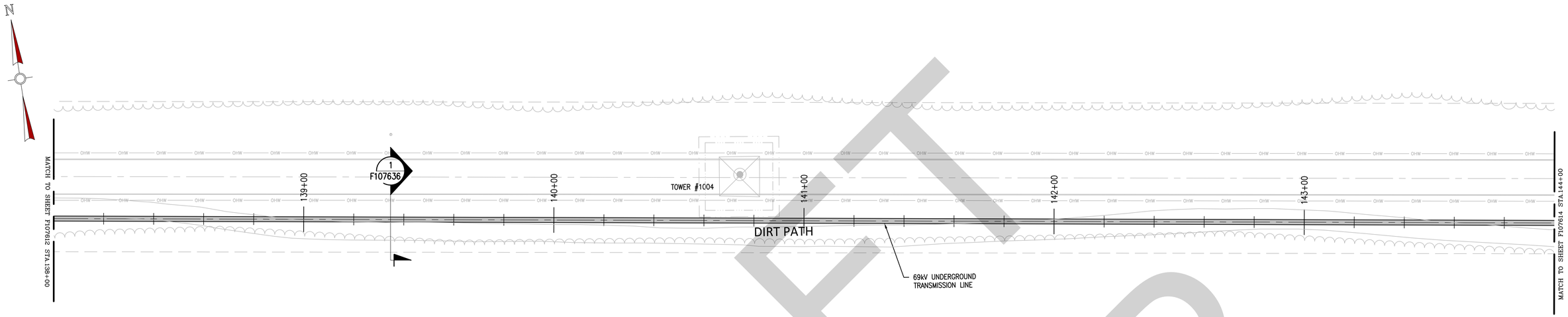
**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 25 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

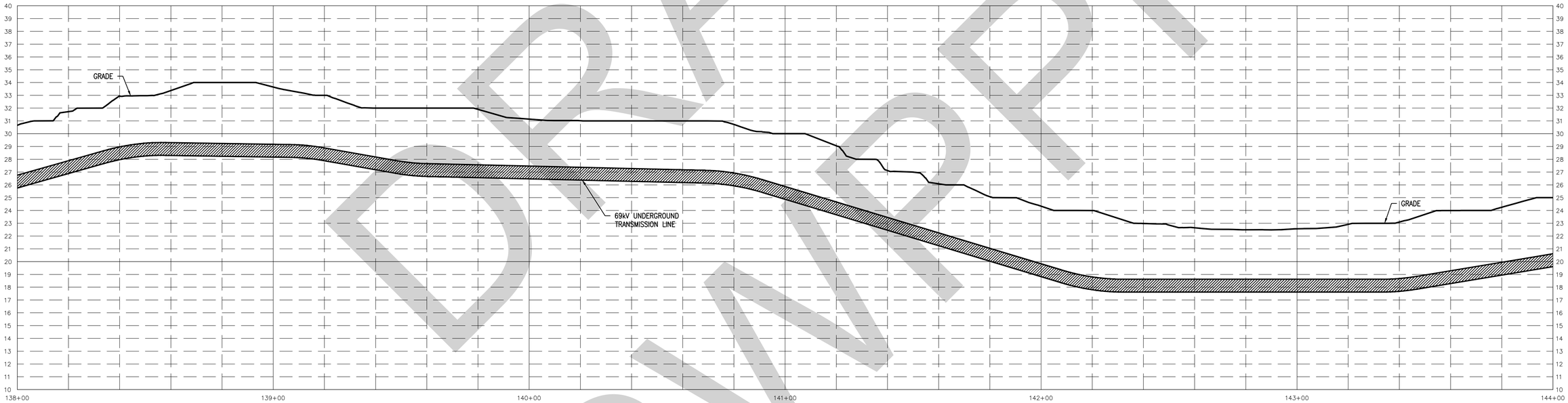
SCALE: AS SHOWN
VENDOR DWG. NO.
DRAWING NO. F107612
SMART NO. RVF69-FU-01106
REVISION 0
SYSTEM GRID NUMBER
CABINET NO.
FOLDER NO.

DRAFT
SWPP




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L.99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | KHOKLO P.E. REVIEWED | KHOKLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | KHOKLO | KHOKLO |

TEMP. DWG. NO. F-107613

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 26 OF 50**

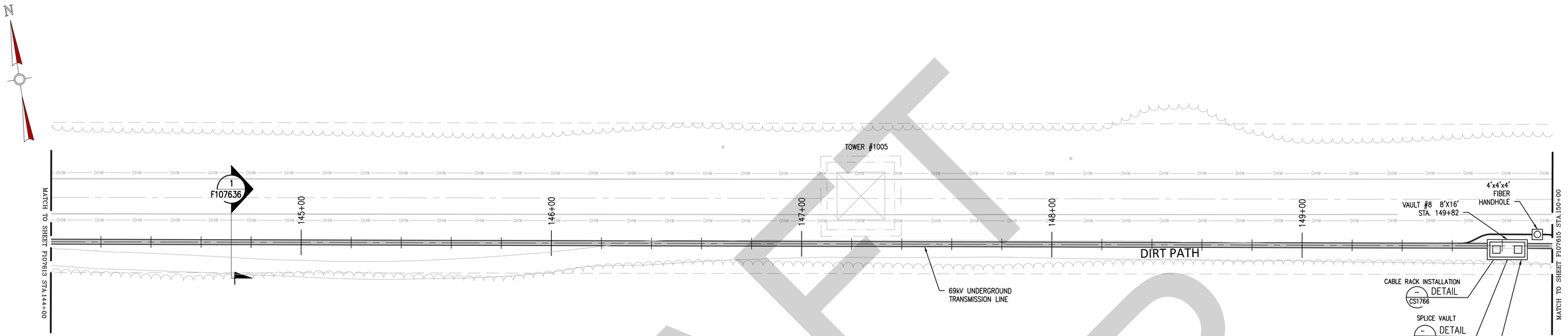
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107613 | RVF69-FU-01107 | 0 |

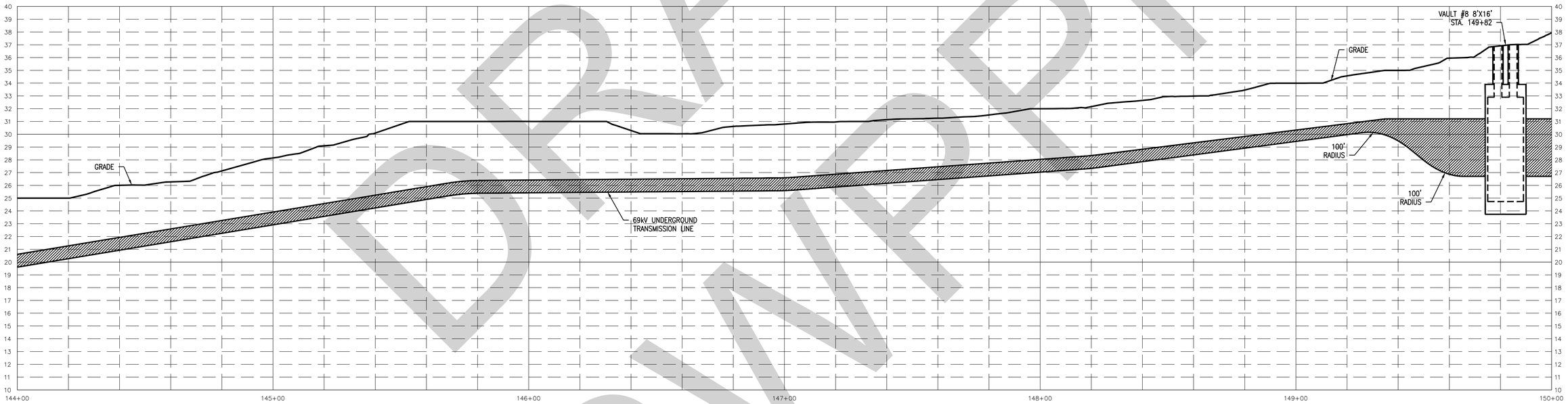
| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT
NOT FOR CONSTRUCTION




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

NOTES:

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L.99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | NJKNOELLO P.E. REVIEWED | NJKNOELLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | NJKNOELLO P.E. | NJKNOELLO P.E. |

TEMP. DWG. NO. F-107614

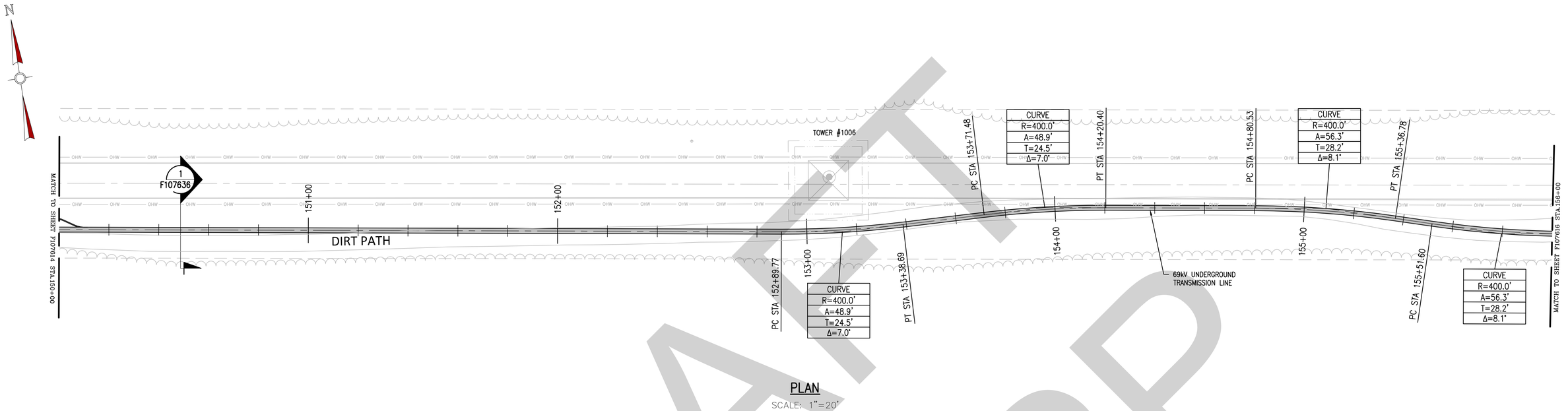
**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 27 OF 50**

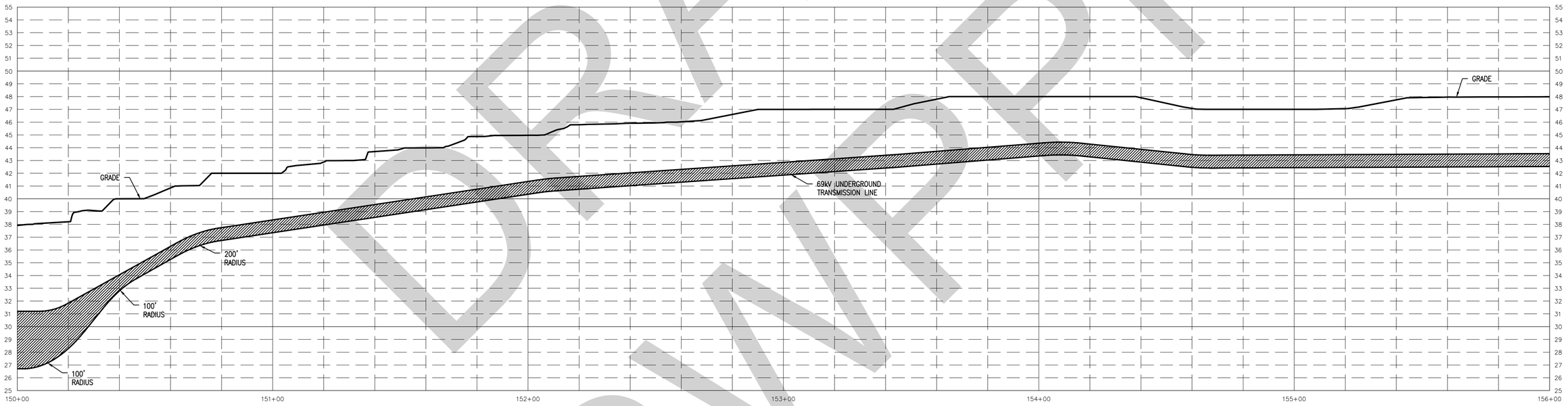
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |
| DRAWING NO. F107614 | SMART NO. RVF69-FU-01108 |
| REVISION 0 | |
| SYSTEM GRID NUMBER | CABINET NO. |
| FOLDER NO. | |




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
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| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
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| C | 09/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L-99677

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L99677 | ISSUED FOR CONSTRUCTION | PD | MA | NUNZELLO P.E. | NUNZELLO P.E. |

TEMP. DWG. NO. F-107615

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 28 OF 50**

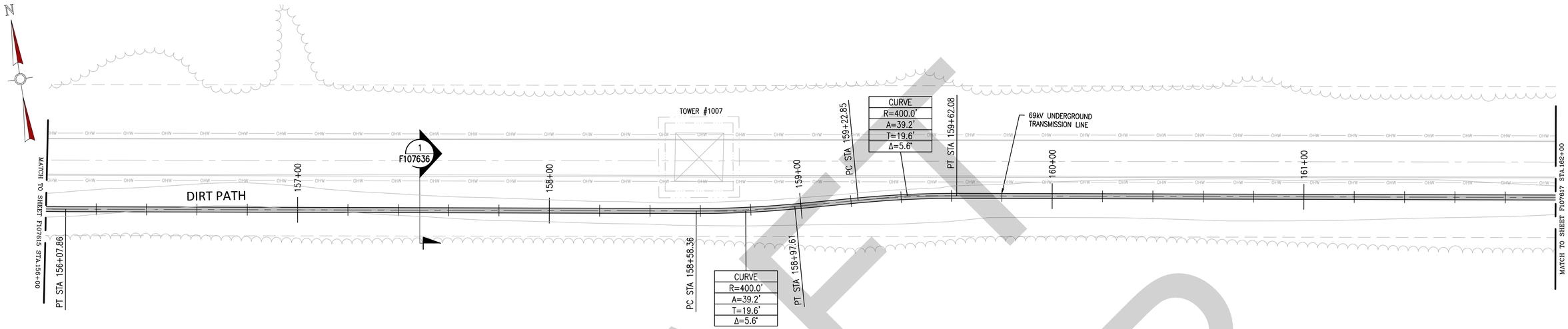
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107615 | RVF69-FU-01109 | 0 |

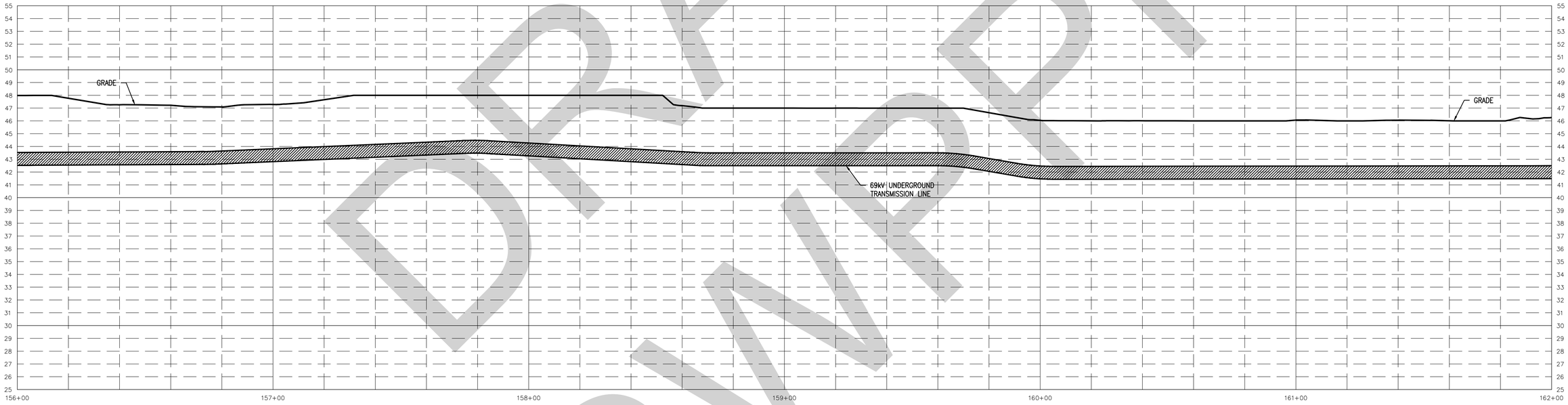
| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT SWIP




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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3. VEGETATION TO BE REMOVED BY CIVIL CONTRACTOR AS NEEDED AND RESTORED TO ORIGINAL CONDITION.

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L.99677

| ISSUE NO. | DATE | W.O. | DESCRIPTION | PD DWN BY | MA CKD BY | KADELLO P.E. REVIEWED | KADELLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | | | | |

TEMP. DWG. NO. F-107616

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 29 OF 50**

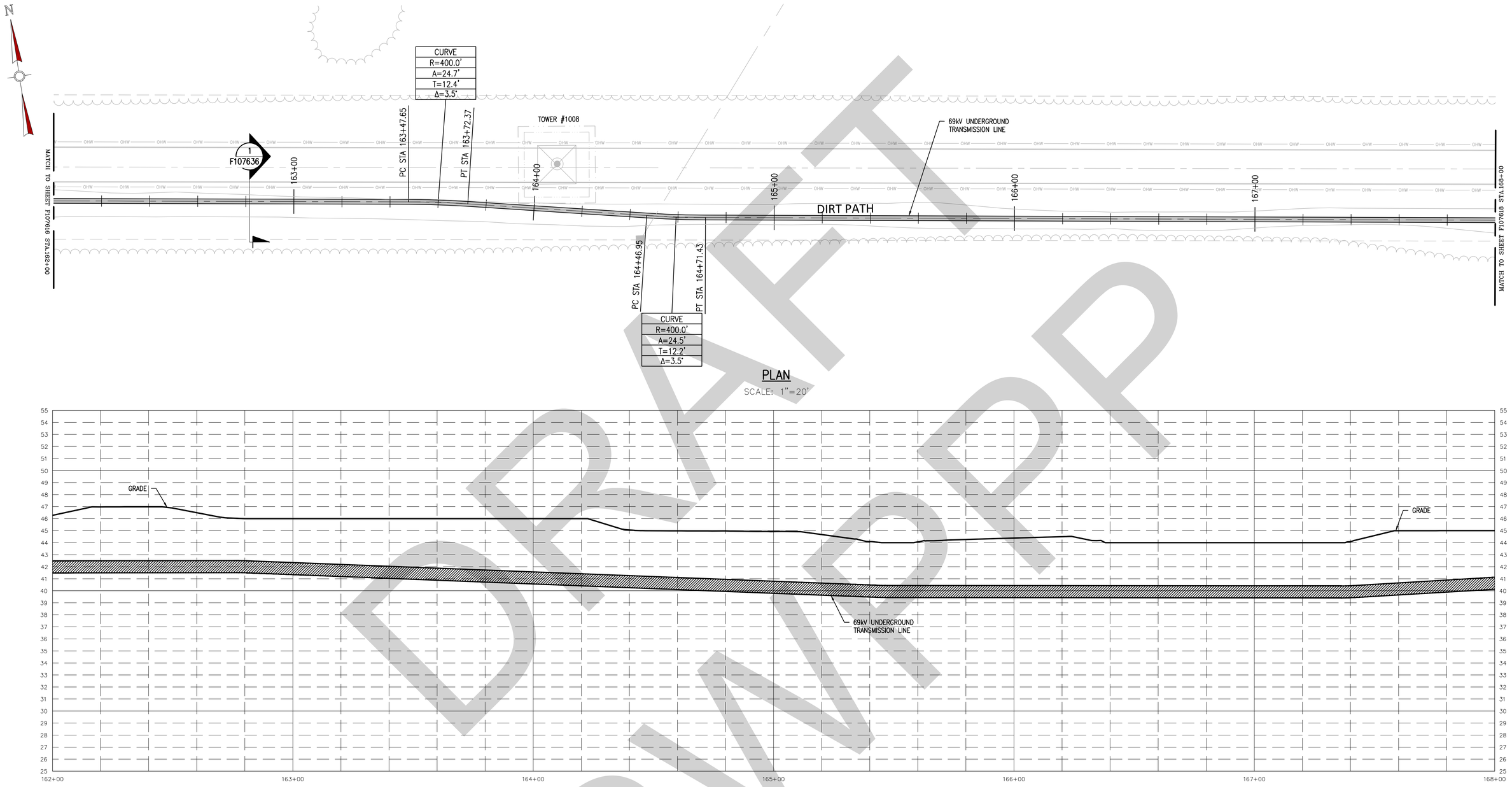
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107616 | RVF69-FU-01110 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT SWPPP




PLAN

SCALE: 1"=20'

0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L-99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L99677 | ISSUED FOR CONSTRUCTION | PD | MA | RJADELLO P.E. | RJADELLO P.E. |

TEMP. DWG. NO. F-107617

**Long Island Power Authority**
**TIANA – BUELL**

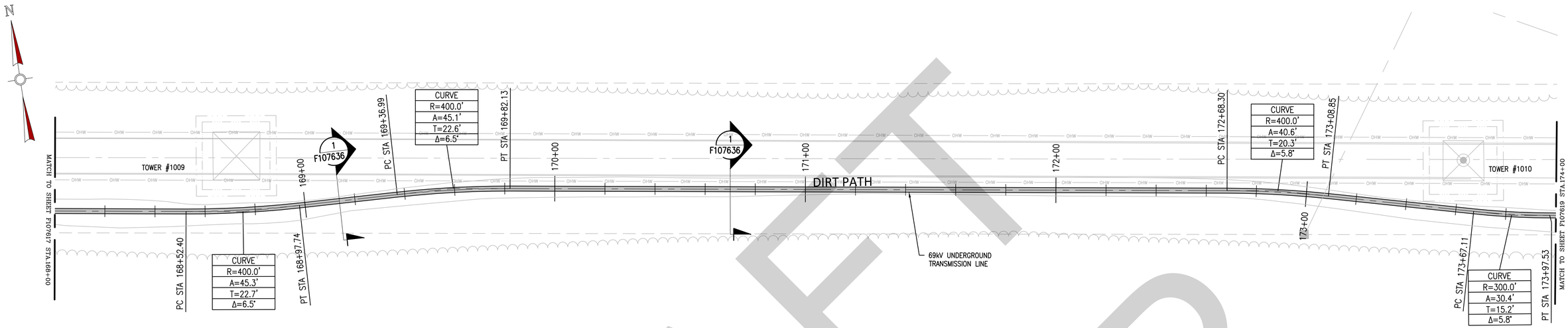
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 30 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

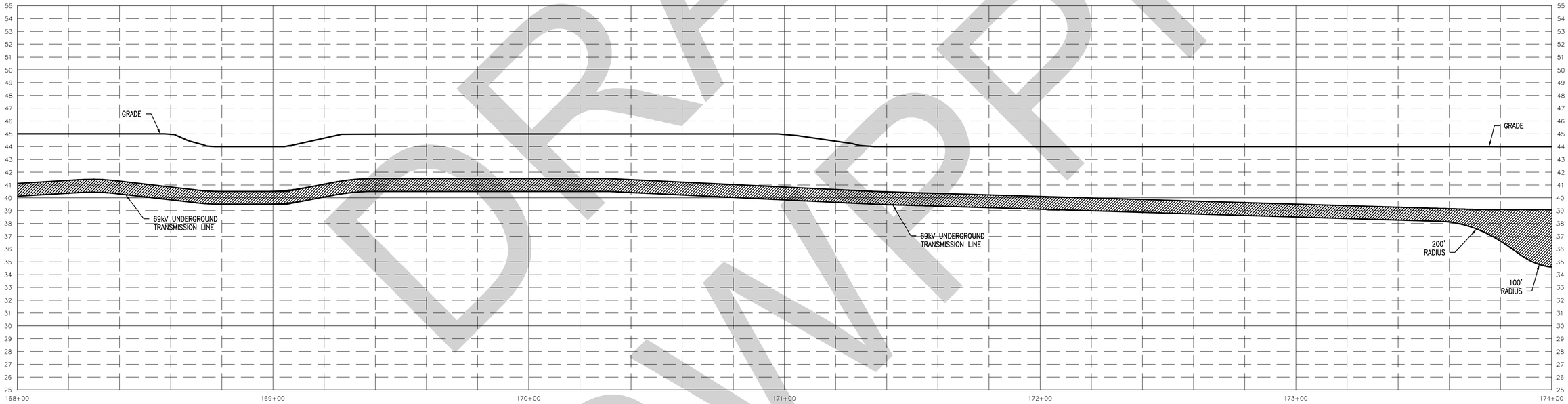
| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |
| DRAWING NO. F107617 | SMART NO. RVF69-FU-01111 |
| REVISION 0 | |
| SYSTEM GRID NUMBER | CABINET NO. |
| FOLDER NO. | |

DRAFT SWPPP




## PLAN

SCALE: 1"=20'

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0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | KANDELO P.E. REVIEWED | KANDELO P.E. APPD. |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | PD | MA | KANDELO P.E. | KANDELO P.E. |

TEMP. DWG. NO. F-107618

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 31 OF 50**

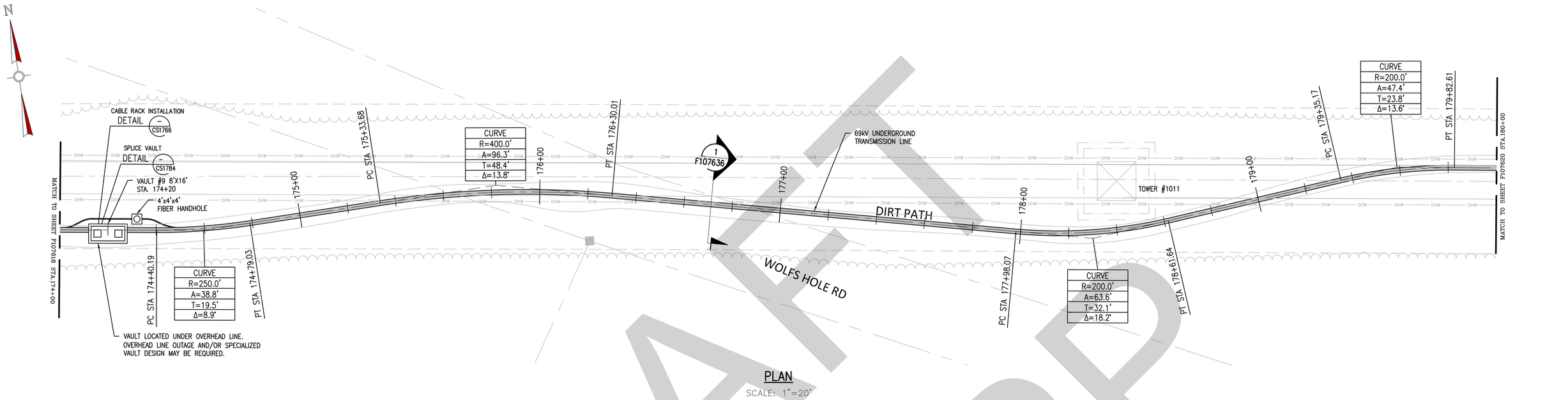
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107618 | RVF69-FU-01112 | 0 |

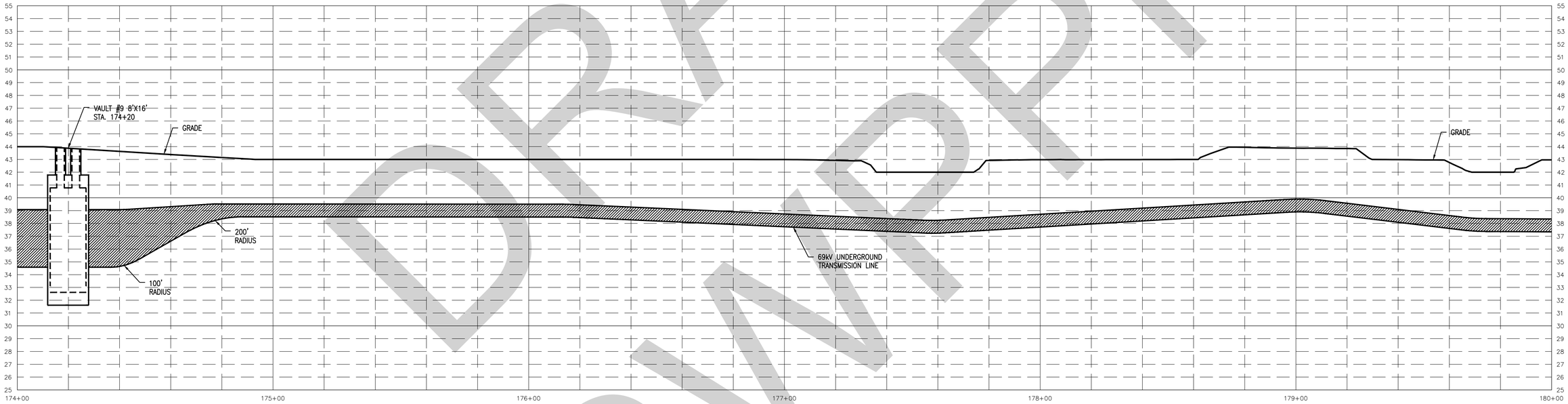
SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO.

DRAFT SWPP




PLAN

SCALE: 1"=20'

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0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | PD DWN BY | MA CKD BY | KADKELO P.E. REVIEWED | KADKELO P.E. APPD. |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9607 | ISSUED FOR CONSTRUCTION | | | | |

TEMP. DWG. NO. F-107619

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 32 OF 50**

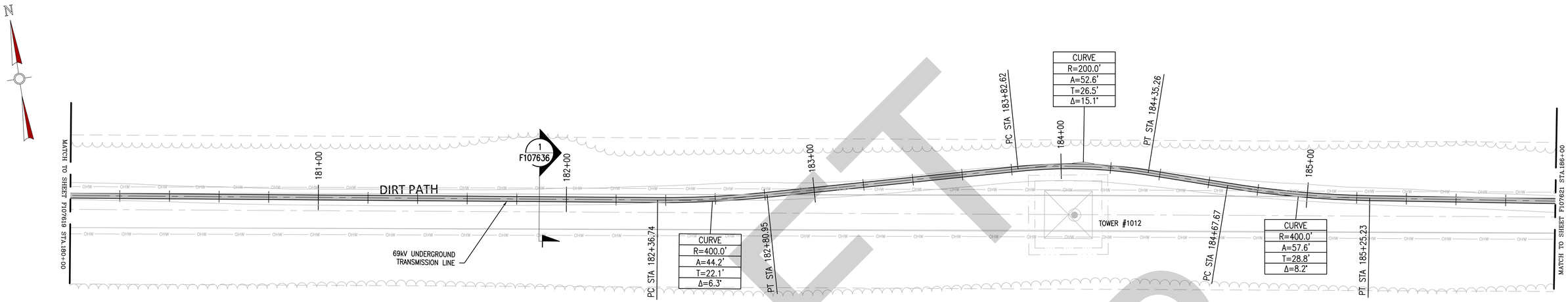
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107619 | RVF69-FU-01113 | 0 |

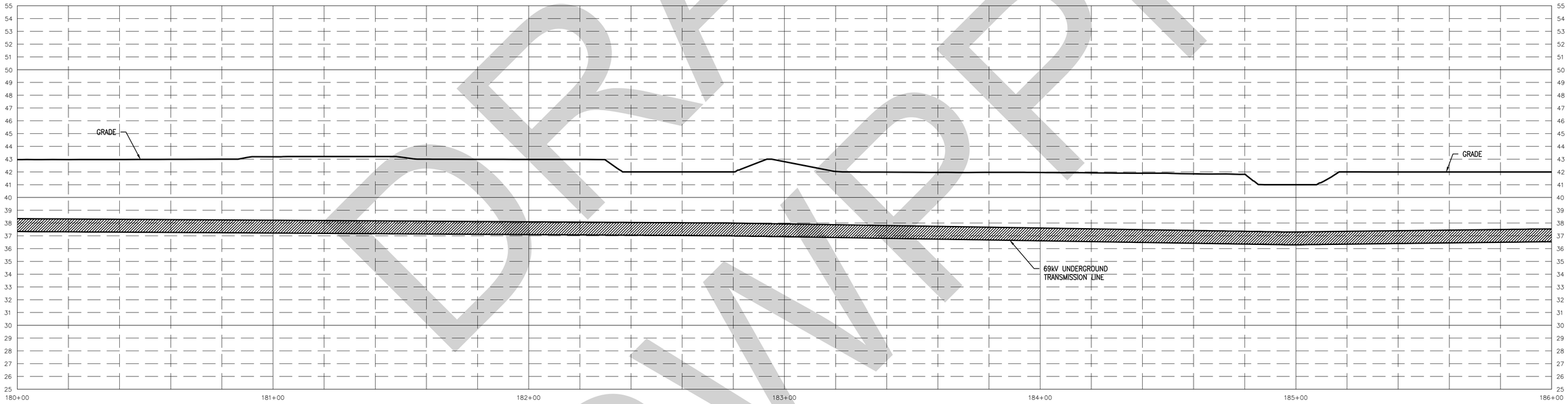
SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO.

DRAFT SWPP




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | PD | MA | KANDELO P.E. | KANDELO P.E. |

TEMP. DWG. NO. F-107620

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 33 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

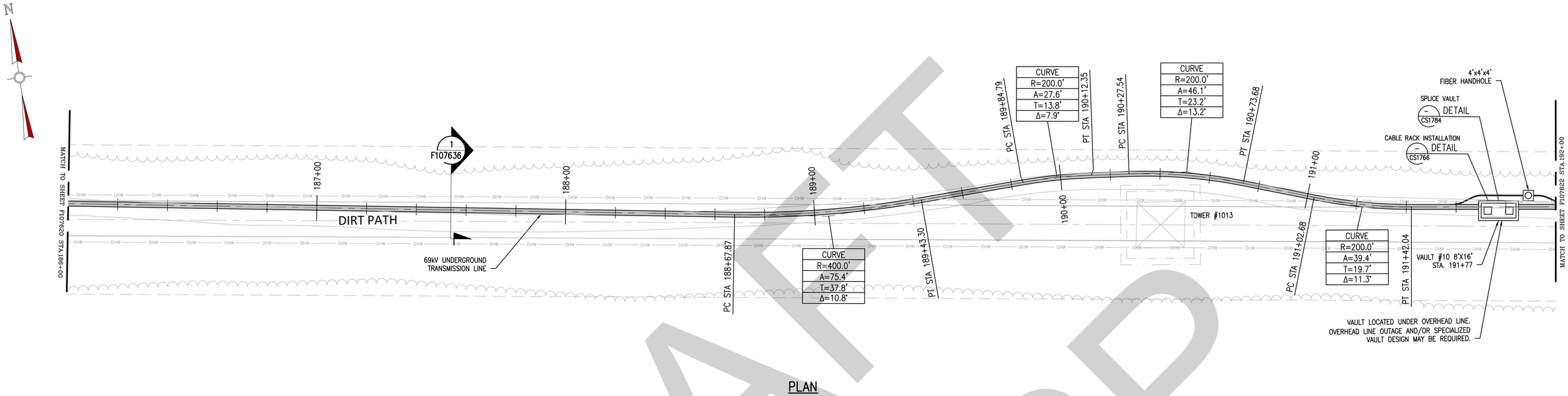
| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107620 | RVF69-FU-01114 | 0 |

SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO.

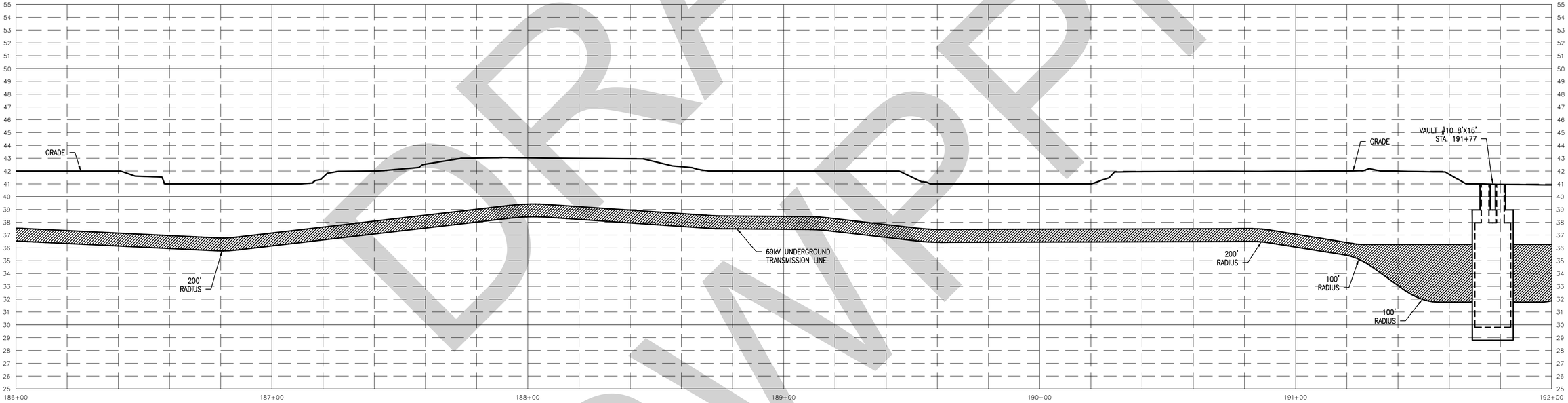
DRAFT
SWPP

DRAFT
SWPP




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | PD | MA | KADKELO P.E. | KADKELO P.E. |

TEMP. DWG. NO. F-107621

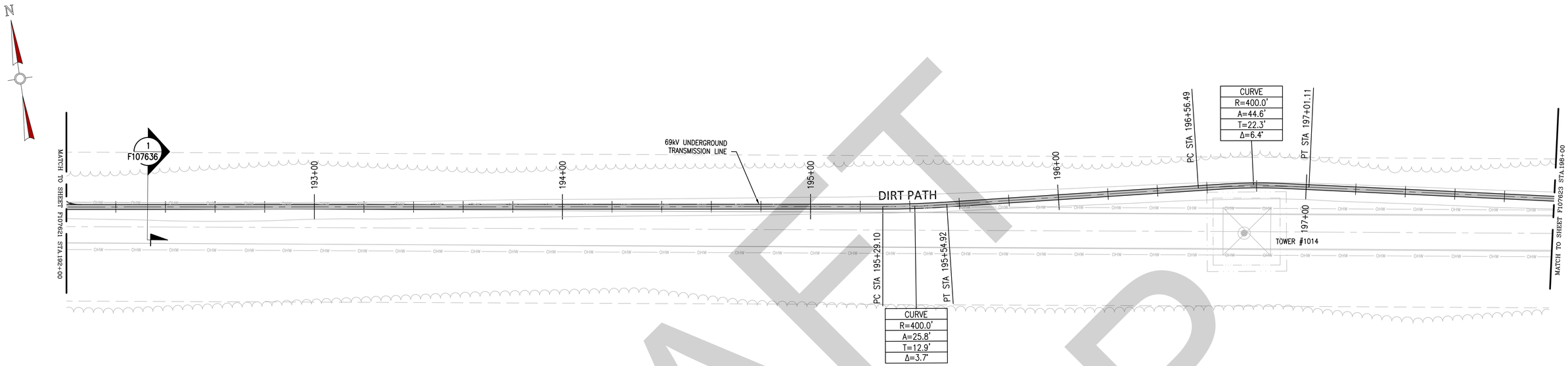
**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 34 OF 50**

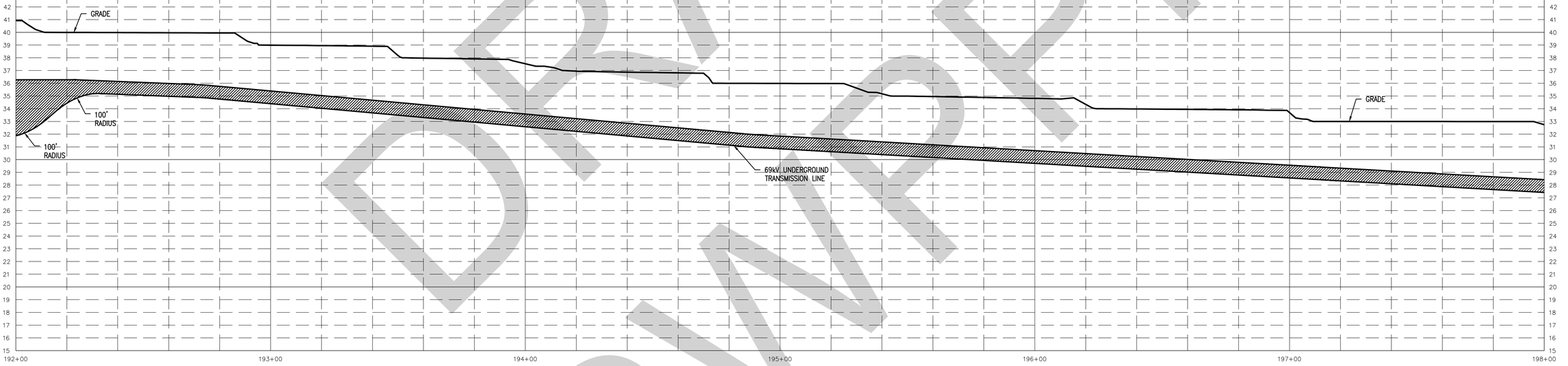
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |
| DRAWING NO. F107621 | SMART NO. RVF69-FU-01115 |
| REVISION 0 | |
| SYSTEM GRID NUMBER | CABINET NO. |
| FOLDER NO. | |




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

NOTES:

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
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| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L.XXXXX

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | NJONDLO P.E. REVIEWED | NJONDLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | NJONDLO P.E. | NJONDLO P.E. |

TEMP. DWG. NO. F-107622

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 35 OF 50**

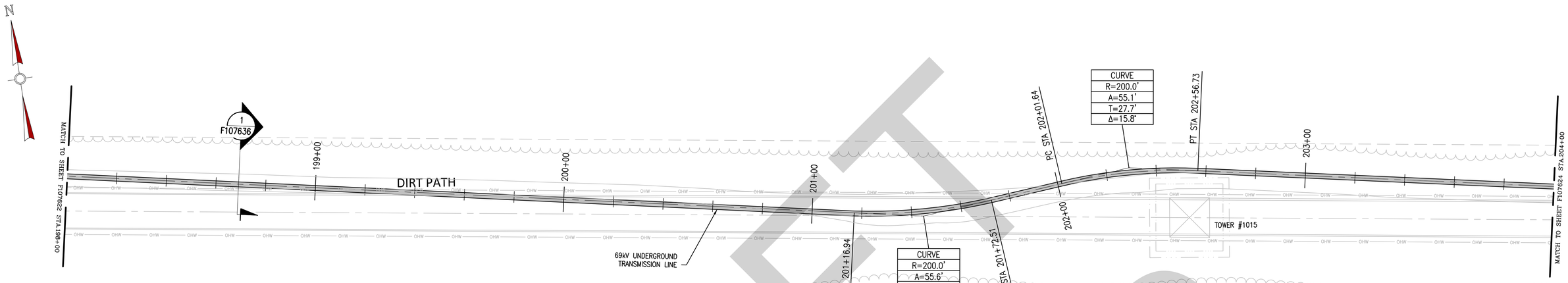
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107622 | RVF69-FU-01116 | 0 |

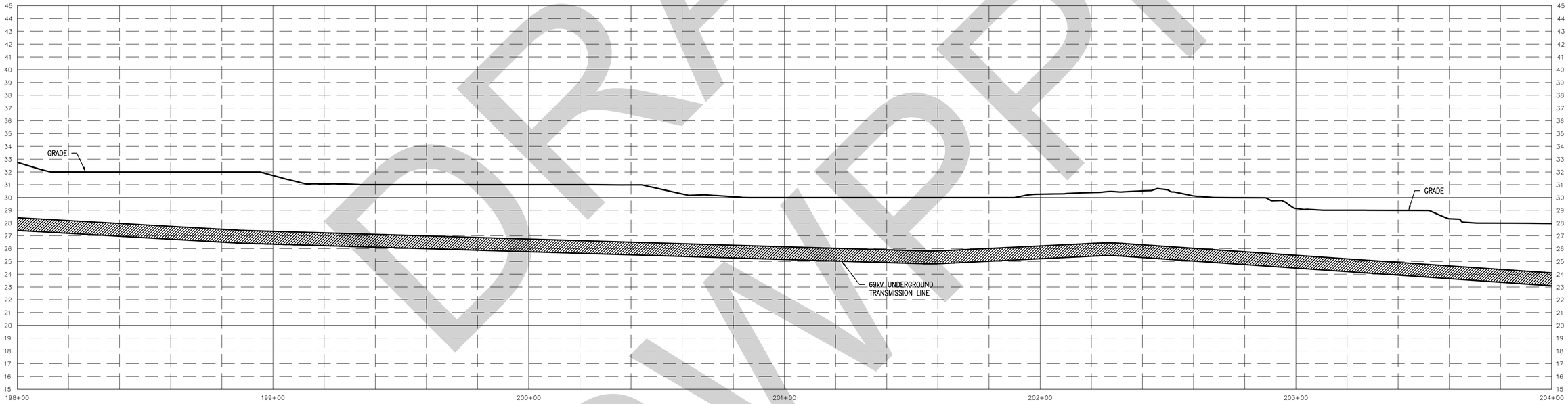
| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT NOT FOR CONSTRUCTION




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
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| A | 02/##/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | PD | MA | KANDELO P.E. | KANDELO P.E. |

TEMP. DWG. NO. F-107623

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 36 OF 50**

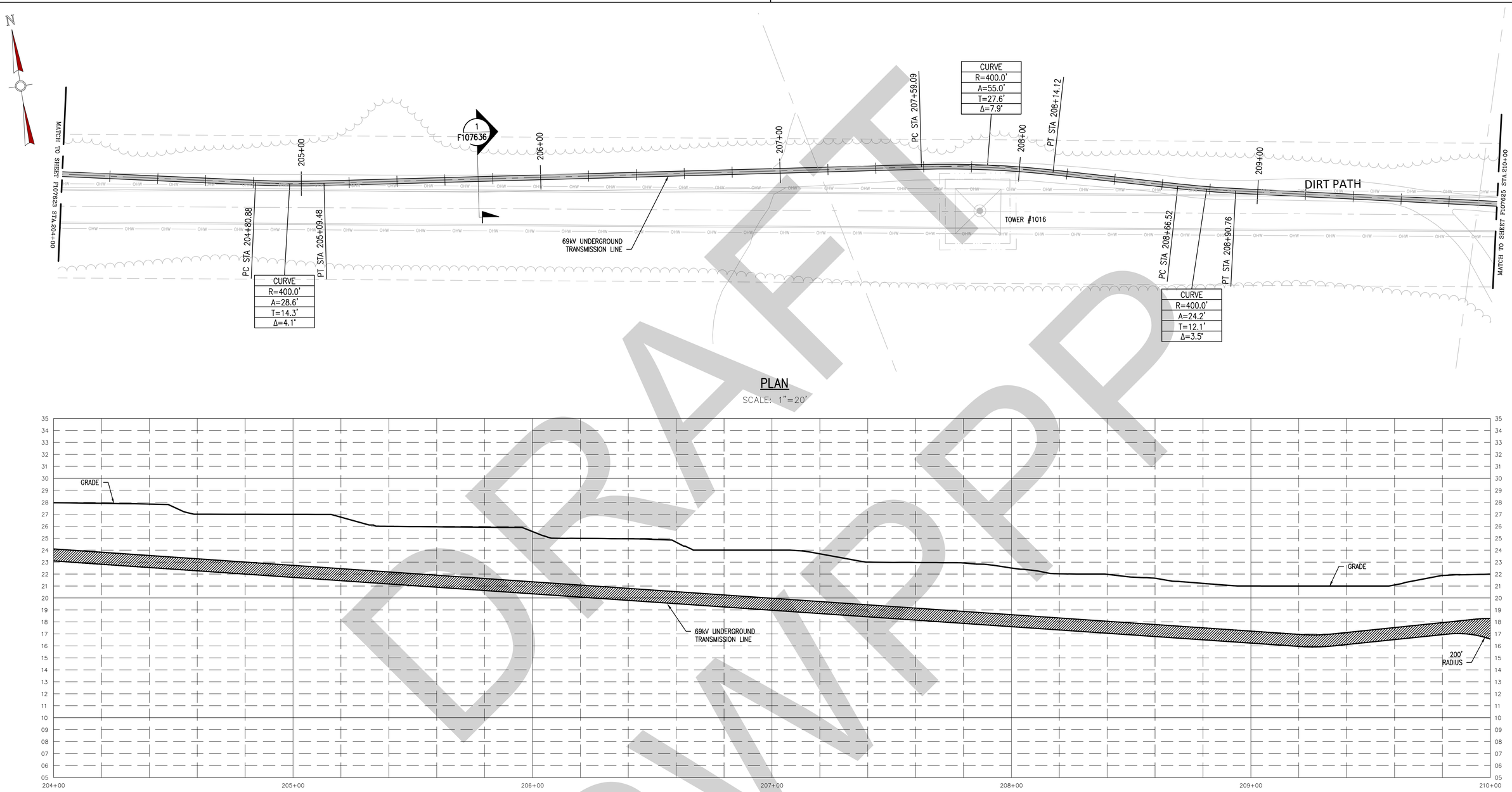
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107623 | RVF69-FU-01117 | 0 |

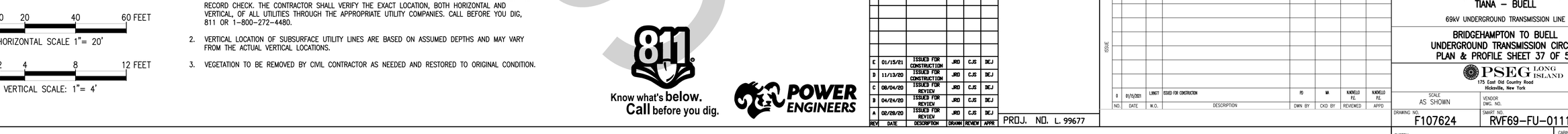
SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO.

DRAFT SWPP




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
2. VERTICAL LOCATION OF SUBSURFACE UTILITY LINES ARE BASED ON ASSUMED DEPTHS AND MAY VARY FROM THE ACTUAL VERTICAL LOCATIONS.
3. VEGETATION TO BE REMOVED BY CIVIL CONTRACTOR AS NEEDED AND RESTORED TO ORIGINAL CONDITION.

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L-99677

| ISSUE NO. | DATE | W.O. | DESCRIPTION | PD DWN BY | MA CKD BY | RJMCELLO P.E. REVIEWED | RJMCELLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L99677 | ISSUED FOR CONSTRUCTION | | | | |

TEMP. DWG. NO. F-107624

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 37 OF 50**

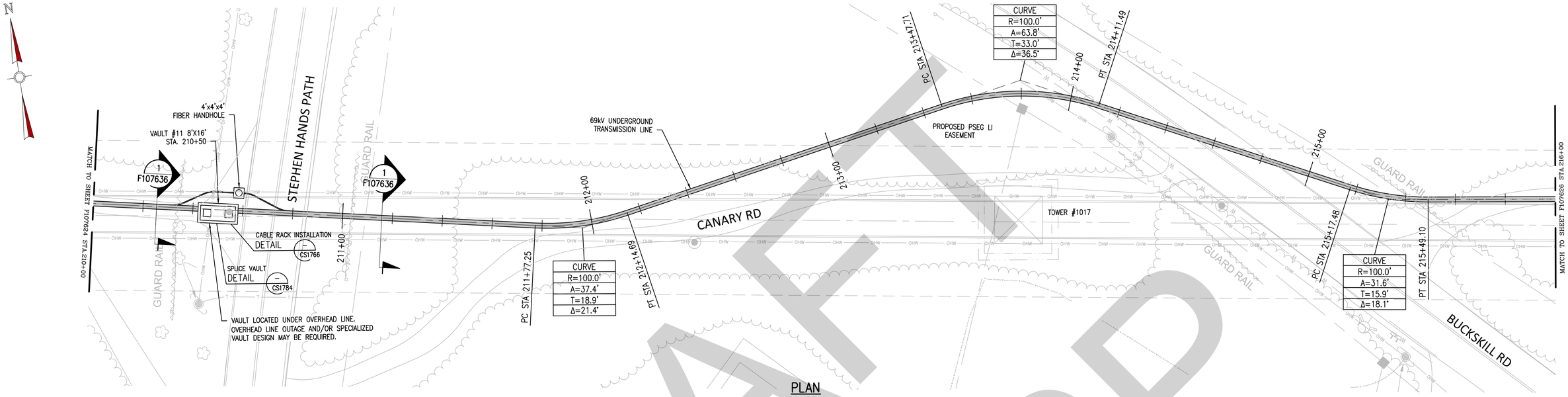
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107624 | RVF69-FU-01118 | 0 |

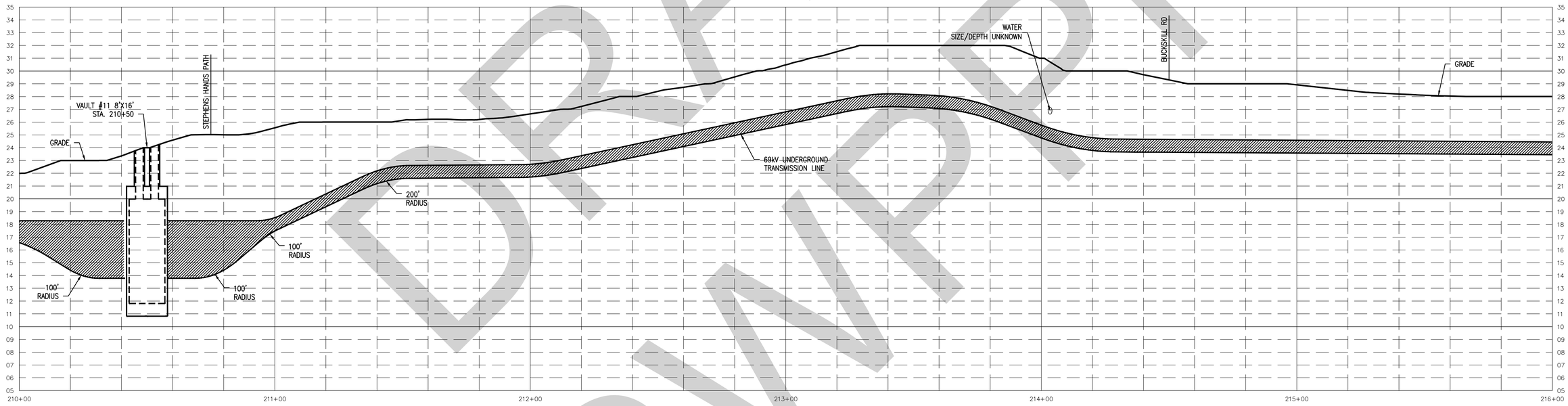
| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT NOT FOR CONSTRUCTION




PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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3. VEGETATION TO BE REMOVED BY CIVIL CONTRACTOR AS NEEDED AND RESTORED TO ORIGINAL CONDITION.

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 09/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| ISSUE NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | MANDELLO P.E. REVIEWED | MANDELLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | PD | MA | MANDELLO P.E. | MANDELLO P.E. |

TEMP. DWG. NO. F-107625

**Long Island Power Authority**
**TIANA – BUELL**

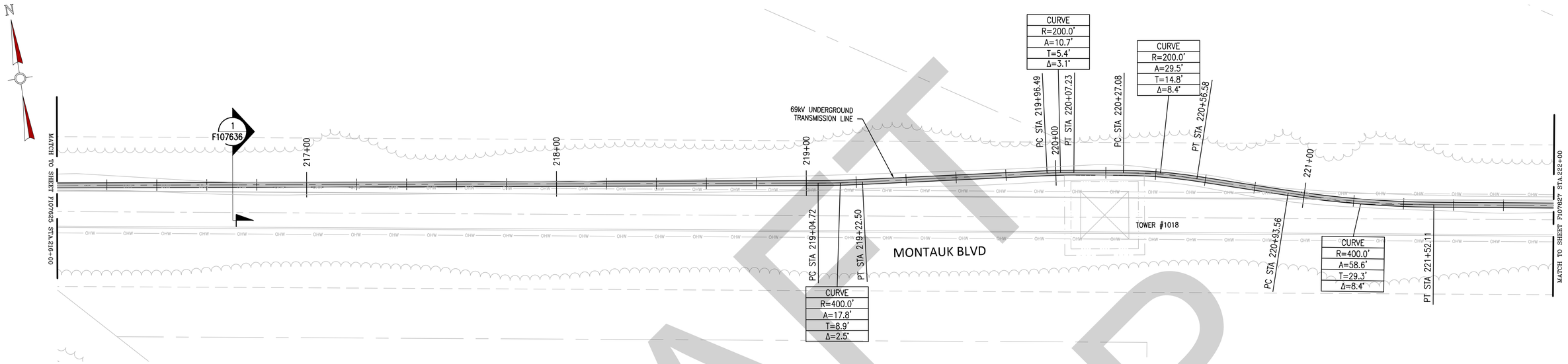
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL UNDERGROUND TRANSMISSION CIRCUIT PLAN & PROFILE SHEET 38 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

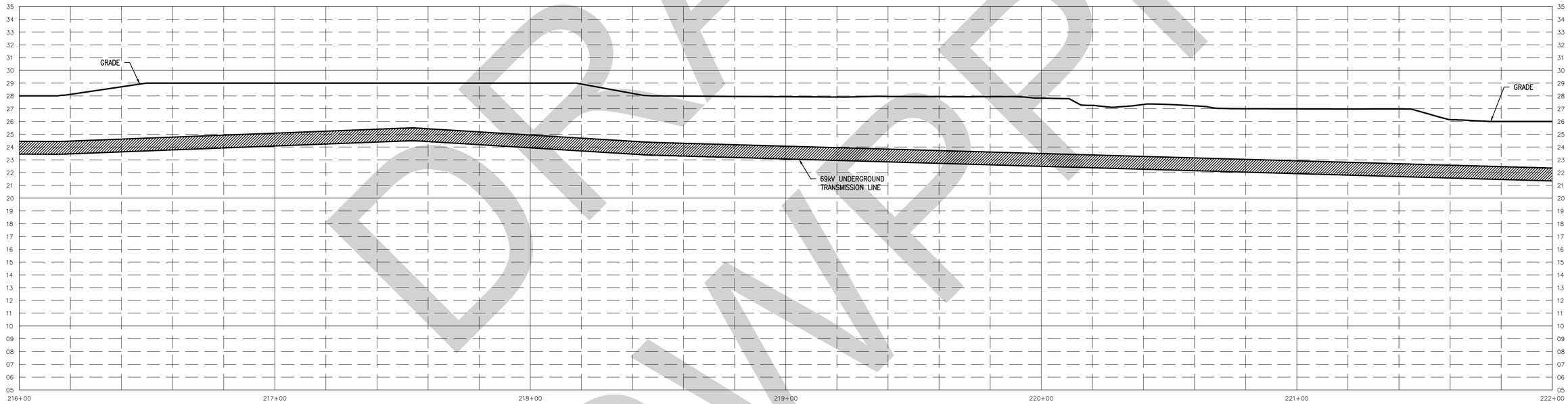
| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |
| DRAWING NO. F107625 | SMART NO. RVF69-FU-01119 |
| REVISION 0 | |
| SYSTEM GRID NUMBER | CABINET NO. |
| FOLDER NO. | |

DRAFT




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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3. VEGETATION TO BE REMOVED BY CIVIL CONTRACTOR AS NEEDED AND RESTORED TO ORIGINAL CONDITION.

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | KANDELLO P.E. | KANDELLO P.E. |

TEMP. DWG. NO. F-107626

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 39 OF 50**

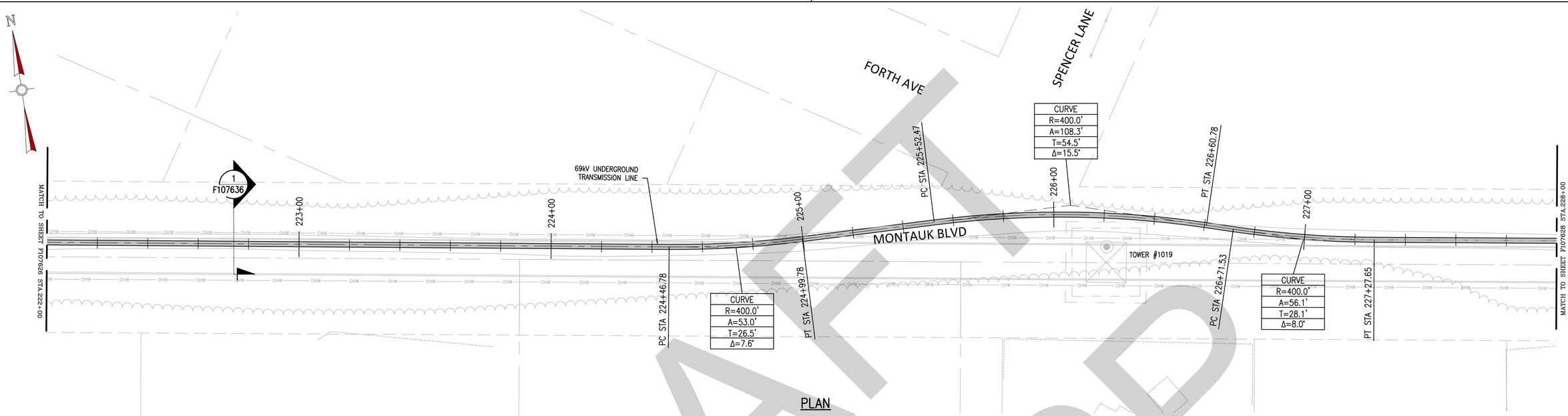
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107626 | RVF69-FU-01120 | 0 |

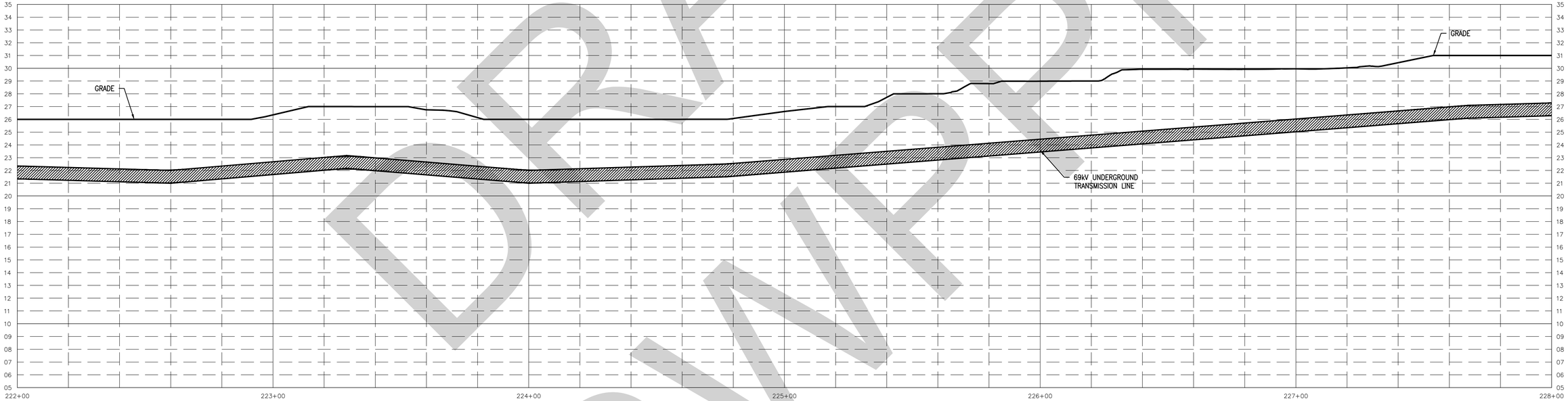
| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT NOT FOR CONSTRUCTION




PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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3. VEGETATION TO BE REMOVED BY CIVIL CONTRACTOR AS NEEDED AND RESTORED TO ORIGINAL CONDITION.

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | KANDELO P.E. | KANDELO P.E. |

ISSUE

TEMP. DWG. NO. F-107627

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 40 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107627 | RVF69-FU-01121 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

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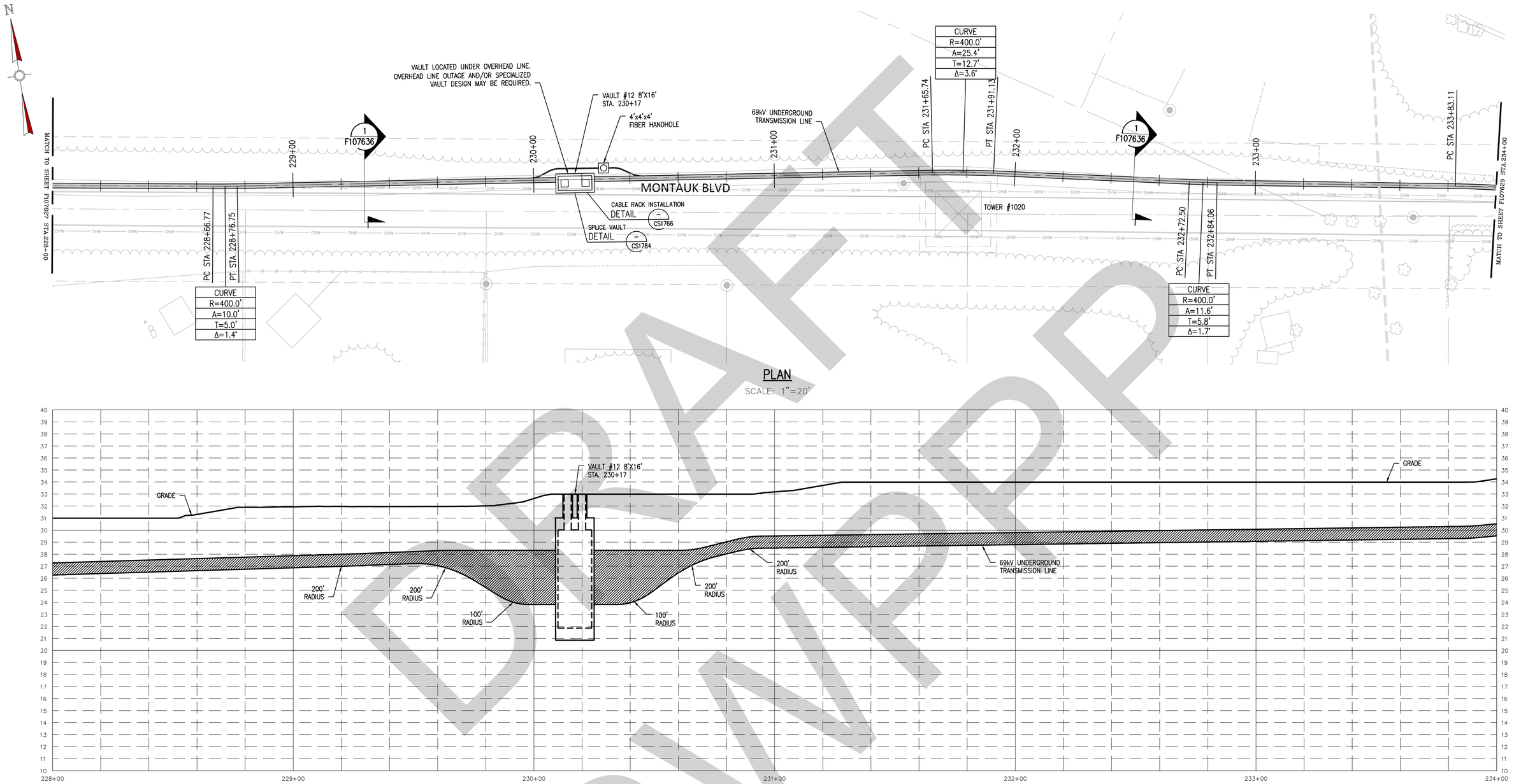
NOT FOR CONSTRUCTION




## PLAN

SCALE: 1"=20'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | KHONDLIO P.E. | KHONDLIO P.E. |

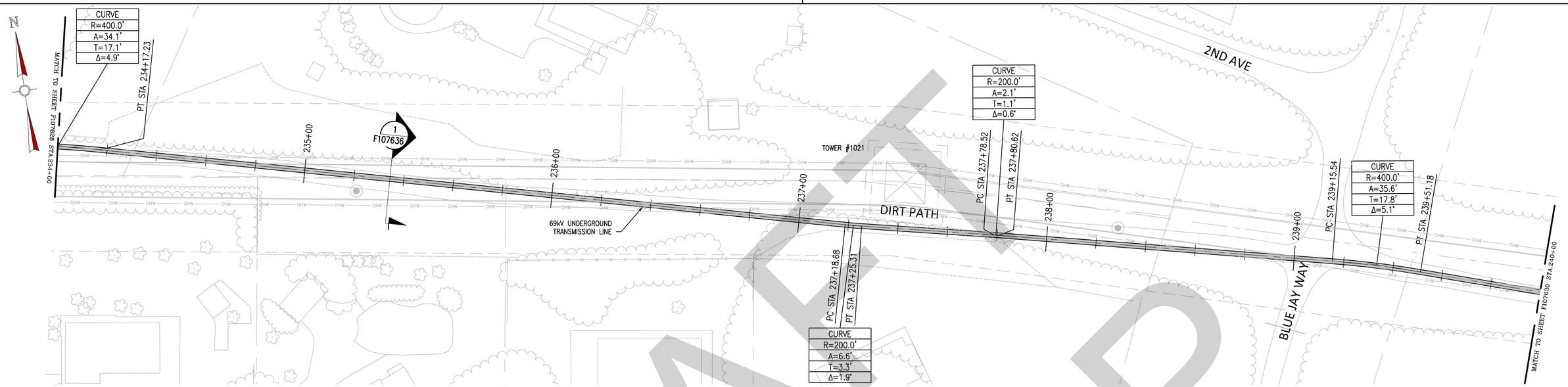
TEMP. DWG. NO. F-107628

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE
**BRIDGEHAMPTON TO BUELL UNDERGROUND TRANSMISSION CIRCUIT PLAN & PROFILE SHEET 41 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

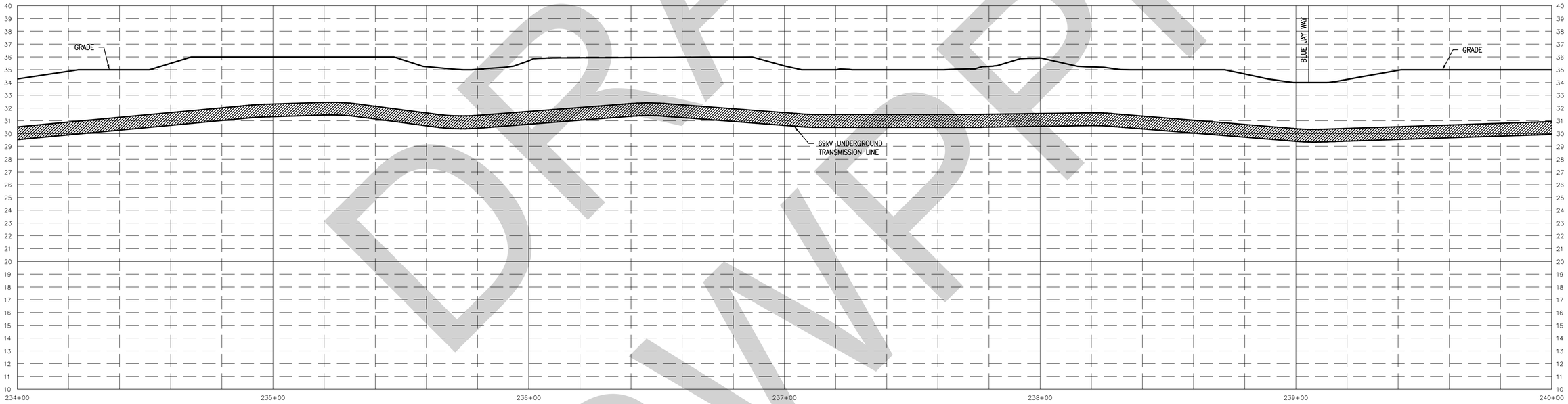
| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |
| DRAWING NO. F107628 | SMART NO. RVF69-FU-01122 |
| REVISION 0 | |
| SYSTEM GRID NUMBER | CABINET NO. |
| FOLDER NO. | |

DRAFT NOT FOR CONSTRUCTION




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | PD DWN BY | MA CKD BY | KADKELO P.E. REVIEWED | KADKELO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9607 | ISSUED FOR CONSTRUCTION | | | | |

TEMP. DWG. NO. F-107629

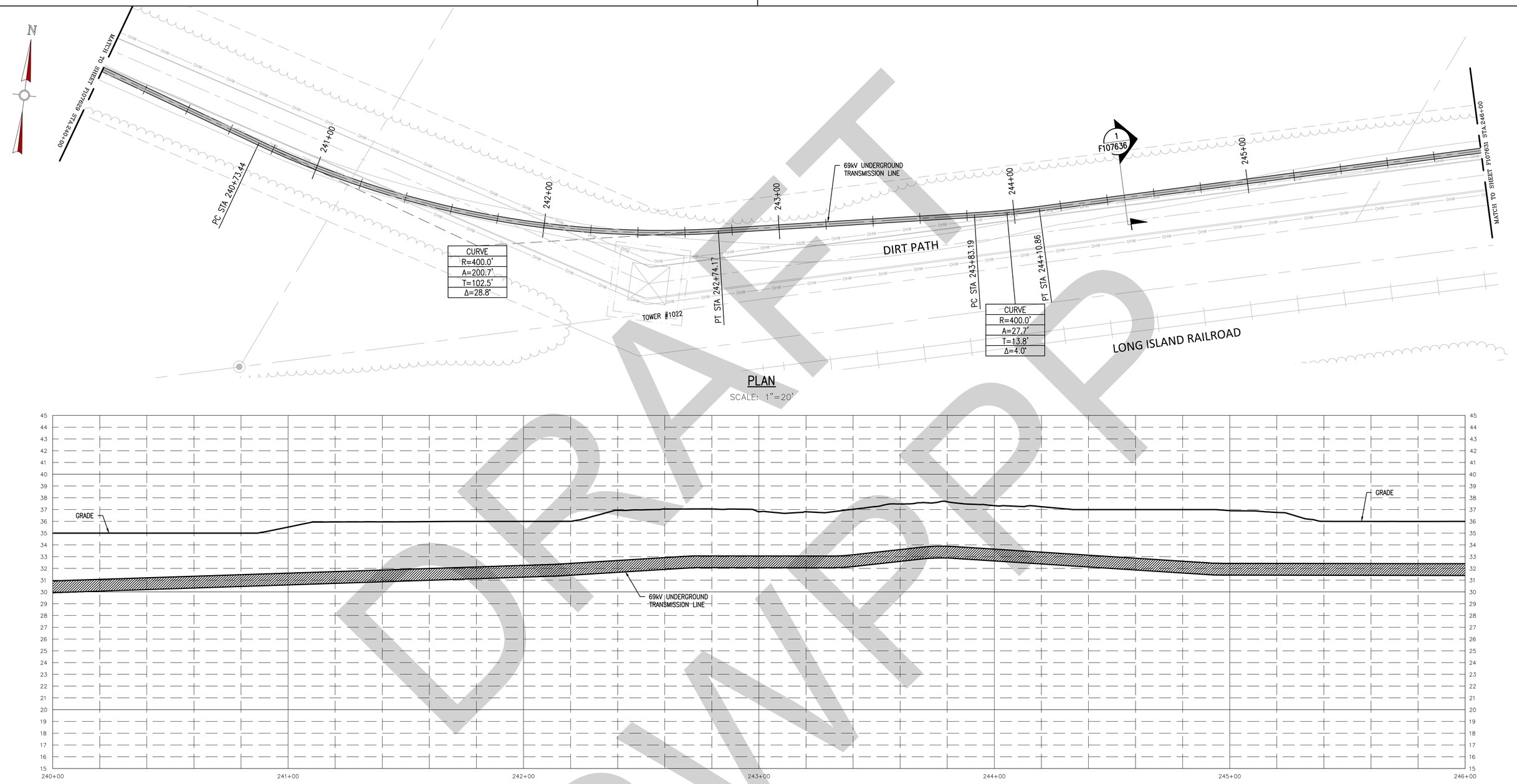
**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 42 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

SCALE: AS SHOWN
VENDOR DWG. NO.
DRAWING NO.: F107629
SMART NO.: RVF69-FU-01123
REVISION: 0
SYSTEM GRID NUMBER
CABINET NO.
FOLDER NO.

DRAFT




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| ISSUE NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | PD | MA | RJADELLO P.E. | RJADELLO P.E. |

TEMP. DWG. NO. F-107630

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL UNDERGROUND TRANSMISSION CIRCUIT PLAN & PROFILE SHEET 43 OF 50**

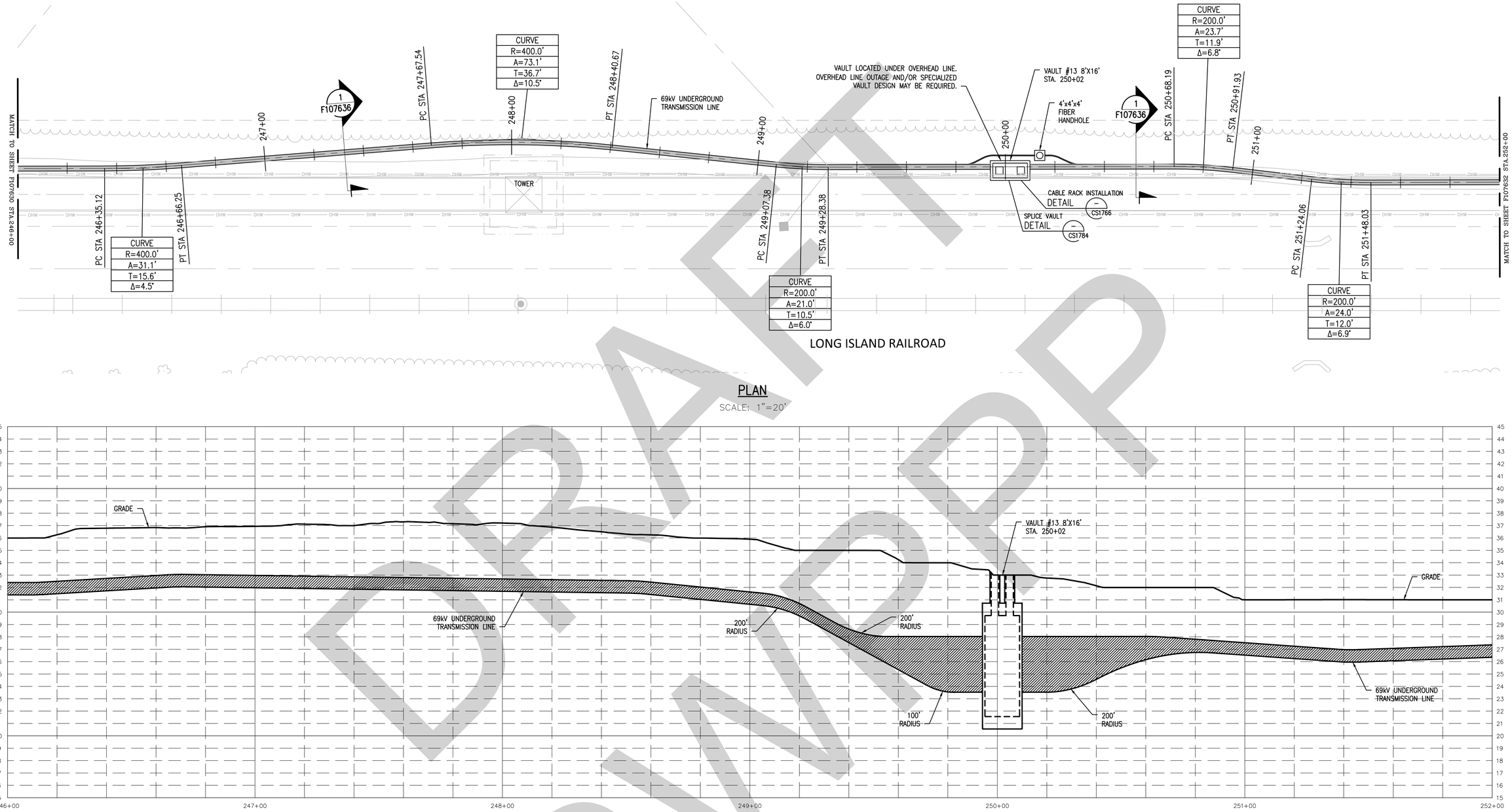
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107630 | RVF69-FU-01124 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT
SWPP




DRAFT SWPPP

0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L99677 | ISSUED FOR CONSTRUCTION | PD | MA | N.MONELLO P.E. | N.MONELLO P.E. |

TEMP. DWG. NO. F-107631

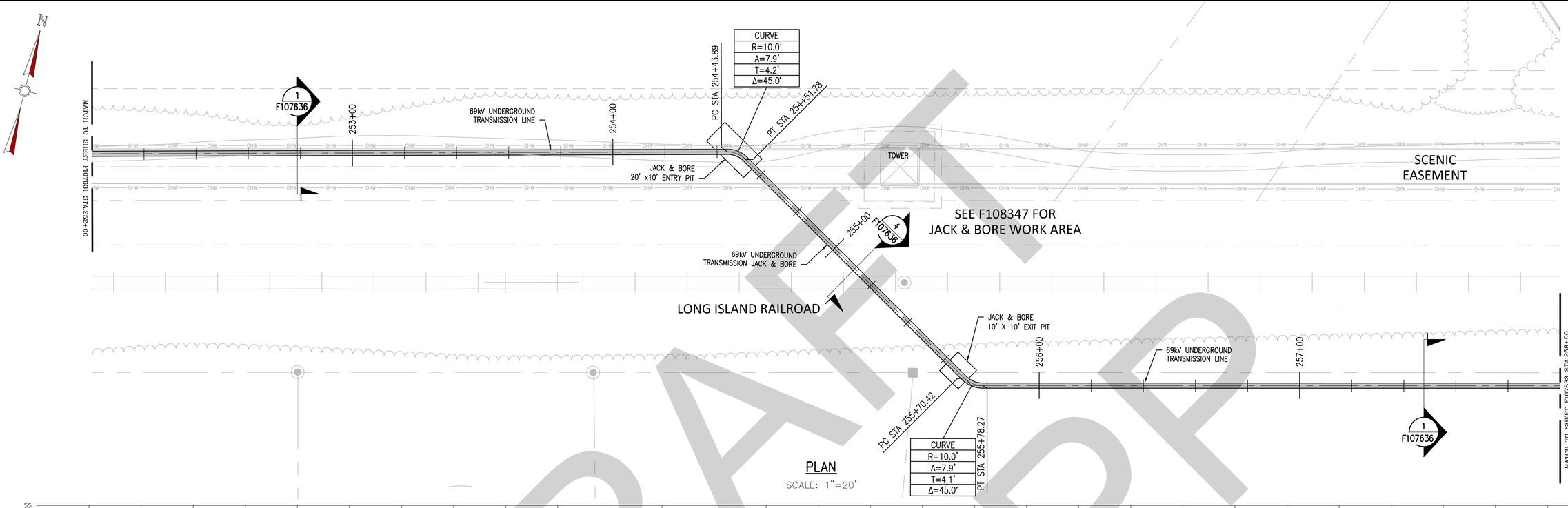
**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 44 OF 50**

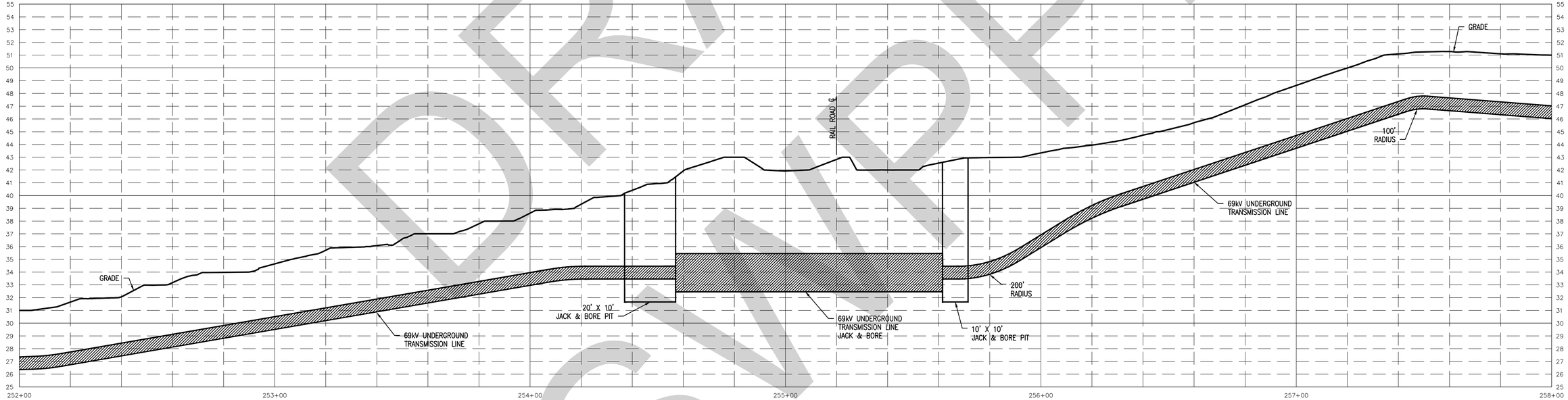
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

SCALE: AS SHOWN
VENDOR DWG. NO.
DRAWING NO. F107631
SMART NO. RVF69-FU-01125
REVISION 0
SYSTEM GRID NUMBER
CABINET NO.
FOLDER NO.




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
2. VERTICAL LOCATION OF SUBSURFACE UTILITY LINES ARE BASED ON ASSUMED DEPTHS AND MAY VARY FROM THE ACTUAL VERTICAL LOCATIONS.
3. VEGETATION TO BE REMOVED BY CIVIL CONTRACTOR AS NEEDED AND RESTORED TO ORIGINAL CONDITION.

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | N.NOVELLO P.E. REVIEWED | N.NOVELLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9607 | ISSUED FOR CONSTRUCTION | PD | MA | N.NOVELLO P.E. | N.NOVELLO P.E. |

TEMP. DWG. NO. F-107632

**Long Island Power Authority**
**TIANA – BUELL**

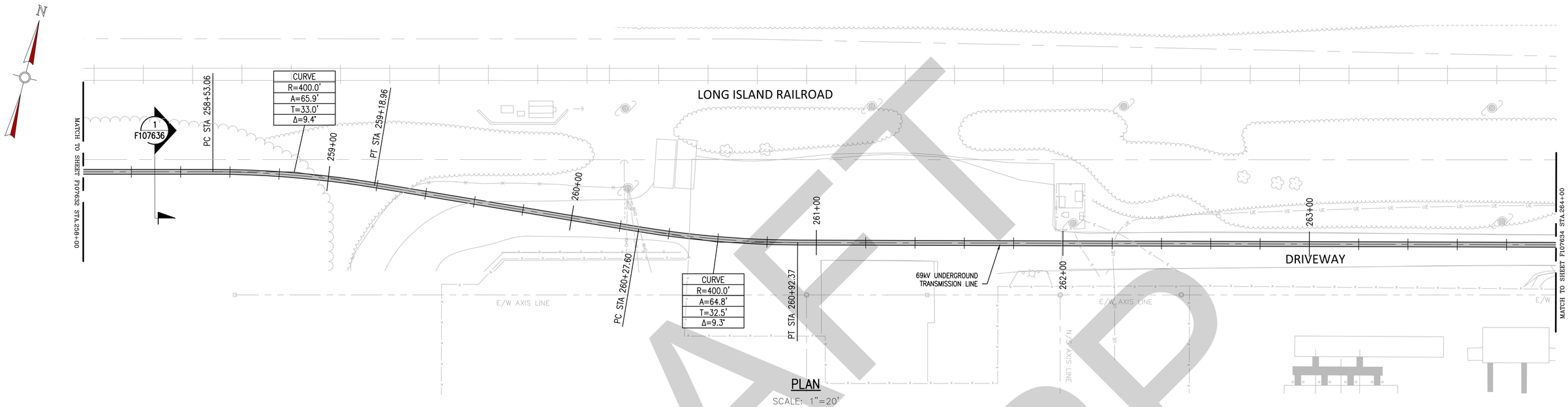
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 45 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

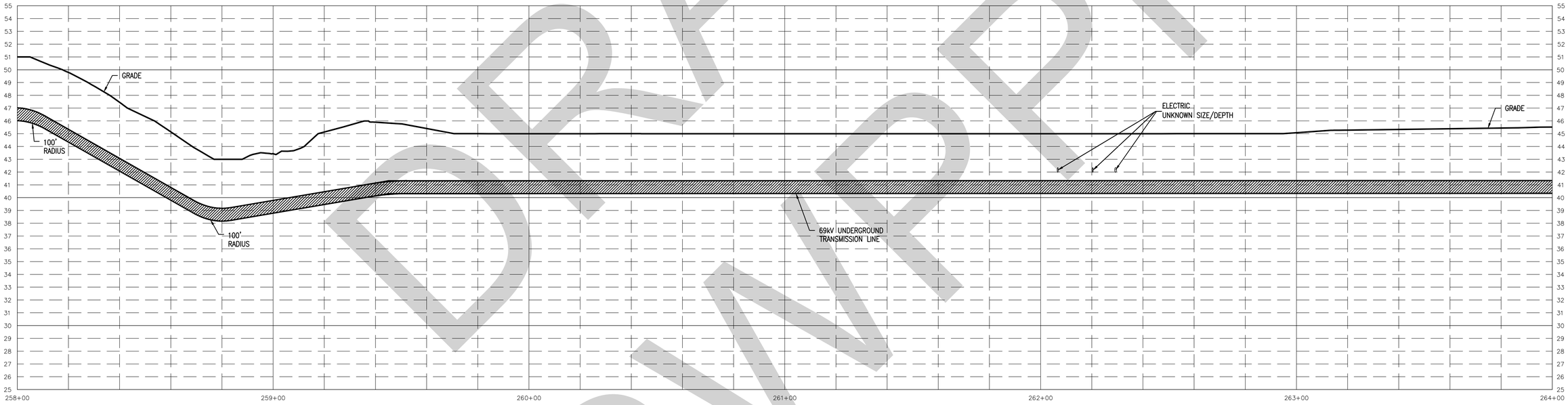
SCALE: AS SHOWN
VENDOR DWG. NO.
DRAWING NO.: F107632
SMART NO.: RVF69-FU-01126
REVISION: 0
SYSTEM GRID NUMBER
CABINET NO.
FOLDER NO.

DRAFT
NOT FOR CONSTRUCTION




PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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3. VEGETATION TO BE REMOVED BY CIVIL CONTRACTOR AS NEEDED AND RESTORED TO ORIGINAL CONDITION.

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | NJKNELLO P.E. REVIEWED | NJKNELLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | NJKNELLO P.E. | NJKNELLO P.E. |

TEMP. DWG. NO. F-107633

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 46 OF 50**

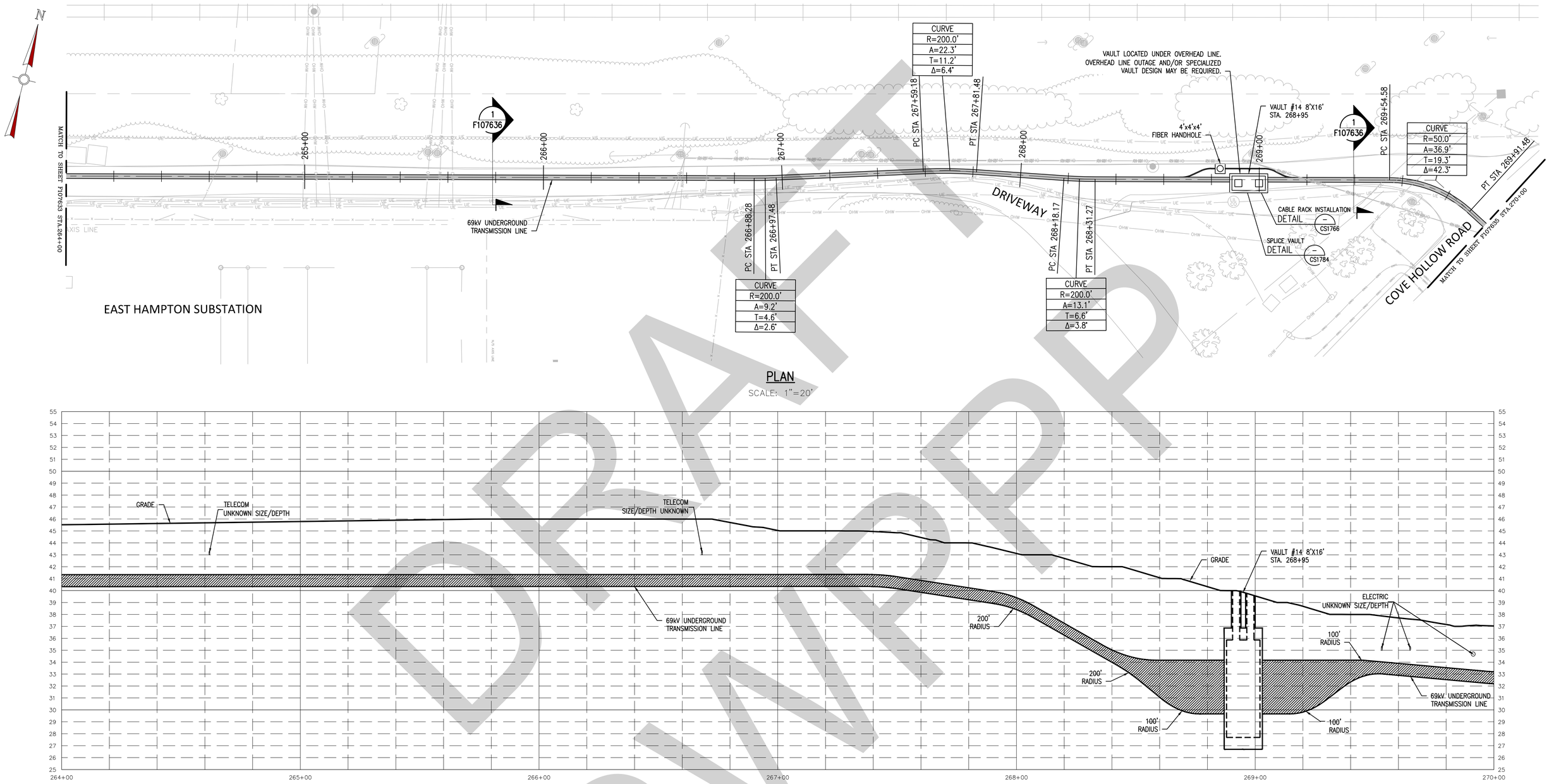
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107633 | RVF69-FU-01127 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

DRAFT NOT ISSUED




DRAFT SWPPP

0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET
VERTICAL SCALE: 1"= 4'

NOTES:

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POWER ENGINEERS

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| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | N.MONELLO P.E. | N.MONELLO P.E. |

ISSUE

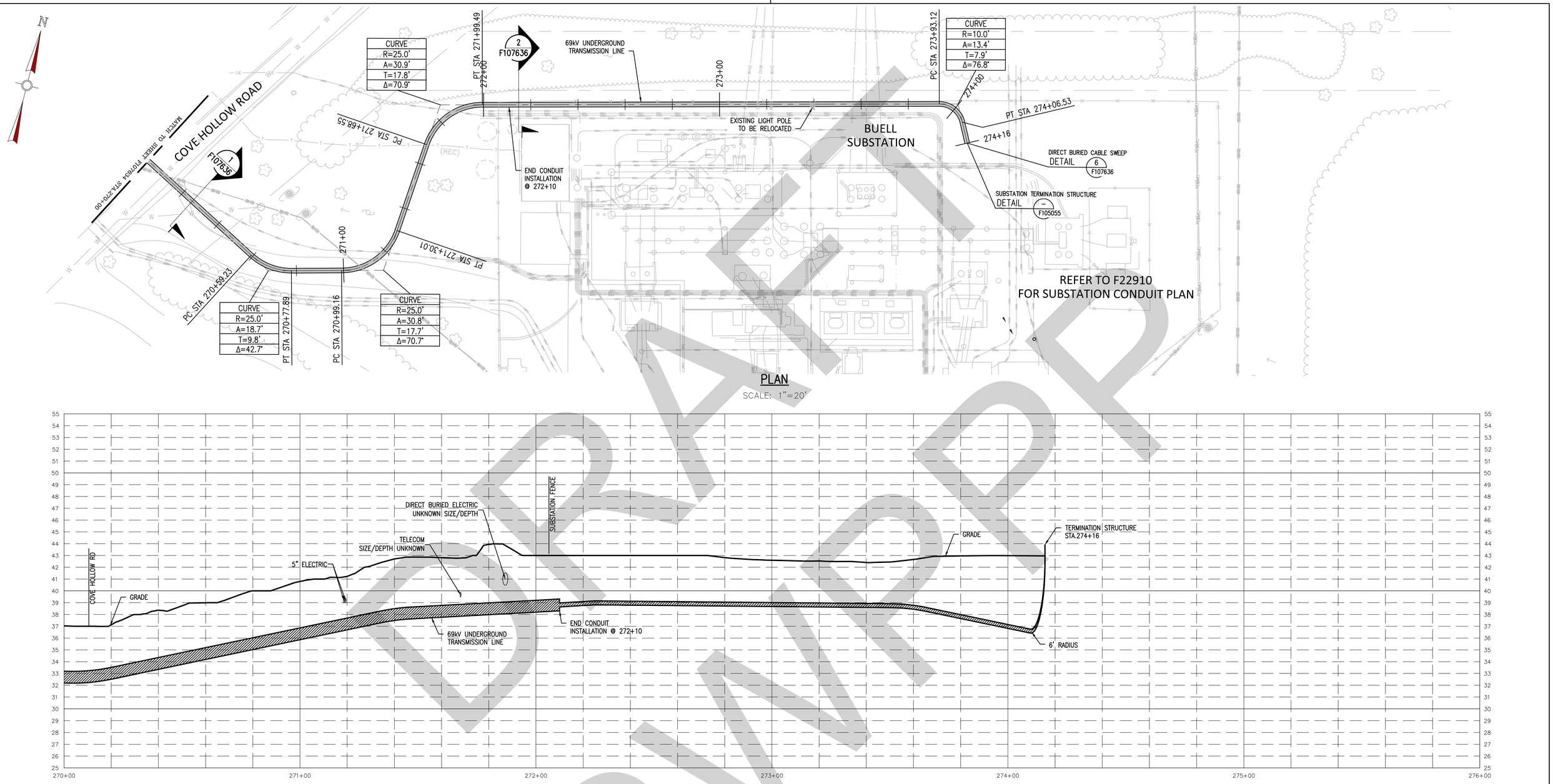
TEMP. DWG. NO. F-107634

**Long Island Power Authority**
**TIANA – BUELL**
69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 47 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

SCALE: AS SHOWN
VENDOR DWG. NO.
DRAWING NO. F107634
SMART NO. RVF69-FU-01128
REVISION 0
SYSTEM GRID NUMBER
CABINET NO.
FOLDER NO.




## PLAN

SCALE: 1"=20'




0 10 20 40 60 FEET

HORIZONTAL SCALE 1"= 20'

0 2 4 8 12 FEET

VERTICAL SCALE: 1"= 4'

NOTES:

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POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

| ISSUE NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | KHOKLO P.E. REVIEWED | KHOKLO P.E. APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | PD | MA | KHOKLO | KHOKLO |

TEMP. DWG. NO. F-107635

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**PLAN & PROFILE SHEET 48 OF 50**

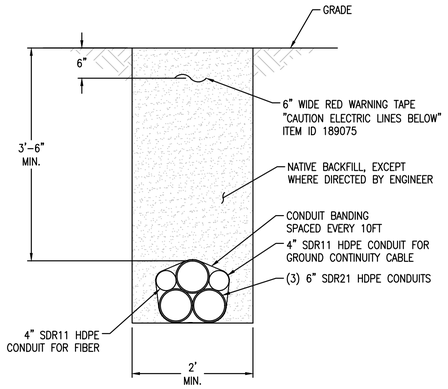
PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

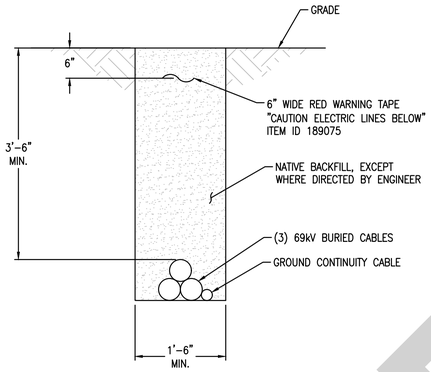
| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107635 | RVF69-FU-01129 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

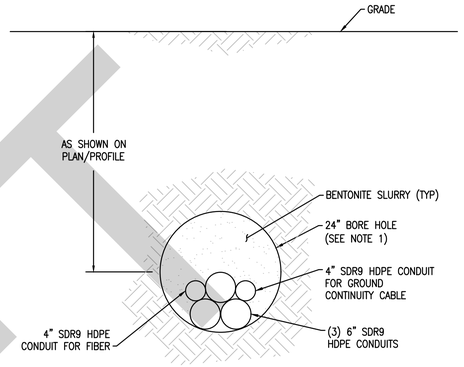
DRAFT
NOT FOR CONSTRUCTION



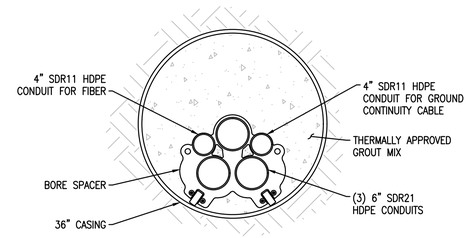

TYPICAL DIRECT BURY
SECTION 1
N.T.S.



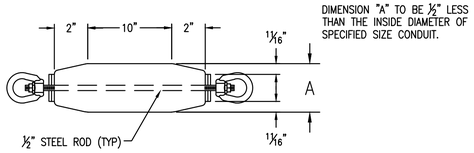

DIRECT BURIED CABLE IN SUBSTATION
SECTION 2
N.T.S.




HORIZONTAL DIRECTIONAL DRILL (HDD)
SECTION 3
N.T.S.



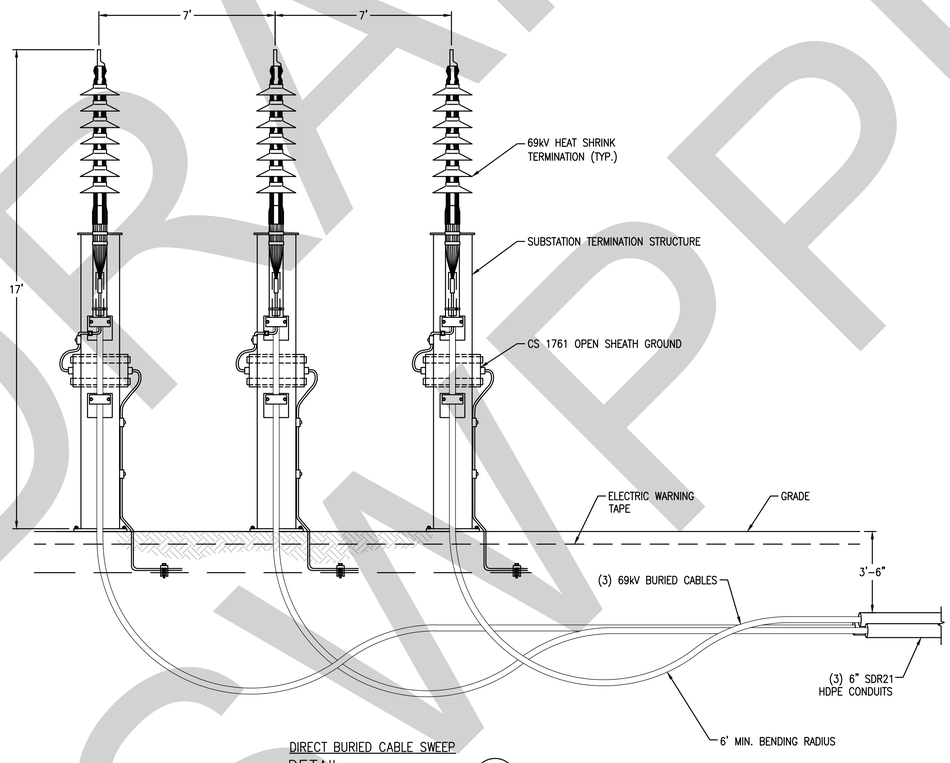

JACK AND BORE CASING
SECTION 4
N.T.S.




DIMENSION "A" TO BE ½" LESS THAN THE INSIDE DIAMETER OF SPECIFIED SIZE CONDUIT.

NOTE:
CONTRACTOR TO SUBMIT CATALOG CUT OF MANDREL TO FIELD SUPERVISOR

TYPICAL MANDREL
DETAIL 5
N.T.S.




DIRECT BURIED CABLE SWEEP
DETAIL 6
N.T.S.

NOTES:

1. FINAL BORE HOLE SIZE TO BE DETERMINED BY CONTRACTOR.

DRAFT SWPP

Know what's below. Call before you dig.

POWER ENGINEERS

| REV. | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L. 99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L.99677 | ISSUED FOR CONSTRUCTION | PD | MA | KHONDLO P.E. | KHONDLO P.E. |

TEMP. DWG. NO. F-107636

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

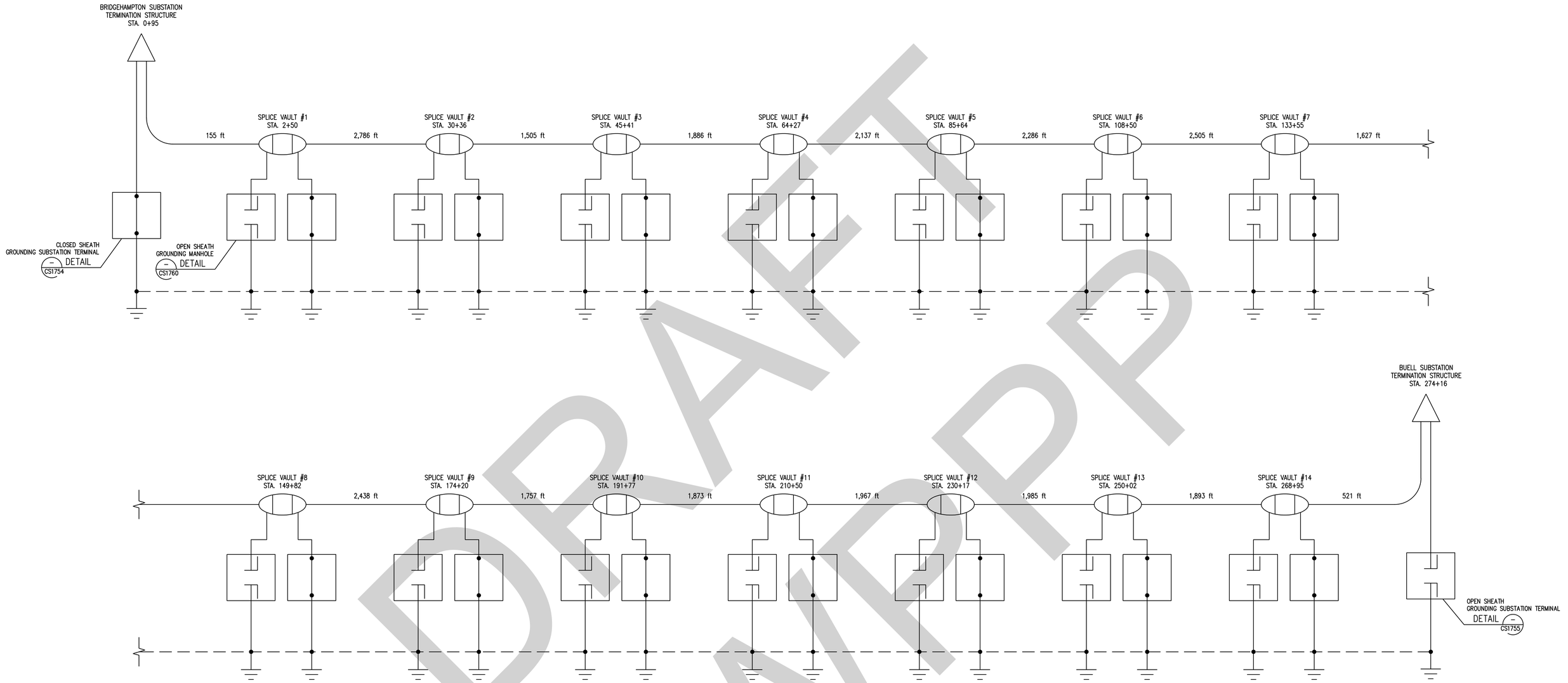
**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**MISCELLANEOUS DETAILS SHEET 49 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107636 | RVF69-FU-01130 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |




SHEATH BONDING SCHEMATIC

SCALE – N.T.S.

LEGEND

- TERMINATOR
- SHEATH BREAK SPLICE
- PARALLEL GROUND CONDUCTOR
- GROUND ROD
- SHEATH VOLTAGE LIMITER (SVL) LINK BOX
- GROUNDING LINK BOX

DRAFT
SWPP

811 Know what's below. Call before you dig.

POWER ENGINEERS

| REV | DATE | DESCRIPTION | DRAWN | REVIEW | APPR |
|---|---|---|---|---|---|
| E | 01/15/21 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| D | 11/13/20 | ISSUED FOR CONSTRUCTION | JRD | CJS | DEJ |
| C | 08/04/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| B | 04/24/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |
| A | 02/28/20 | ISSUED FOR REVIEW | JRD | CJS | DEJ |

PROJ. NO. L-99677

ISSUE

| NO. | DATE | W.O. | DESCRIPTION | DWN BY | CKD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 01/15/2021 | L9677 | ISSUED FOR CONSTRUCTION | PD | WA | RAMDELLO P.E. | RAMDELLO P.E. |

TEMP. DWG. NO. F-107637

**Long Island Power Authority**
**TIANA – BUELL**

69kV UNDERGROUND TRANSMISSION LINE

**BRIDGEHAMPTON TO BUELL**
**UNDERGROUND TRANSMISSION CIRCUIT**
**SHEATH BONDING SCHEMATIC SHEET 50 OF 50**

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

| SCALE | VENDOR DWG. NO. |
|---|---|
| AS SHOWN | |

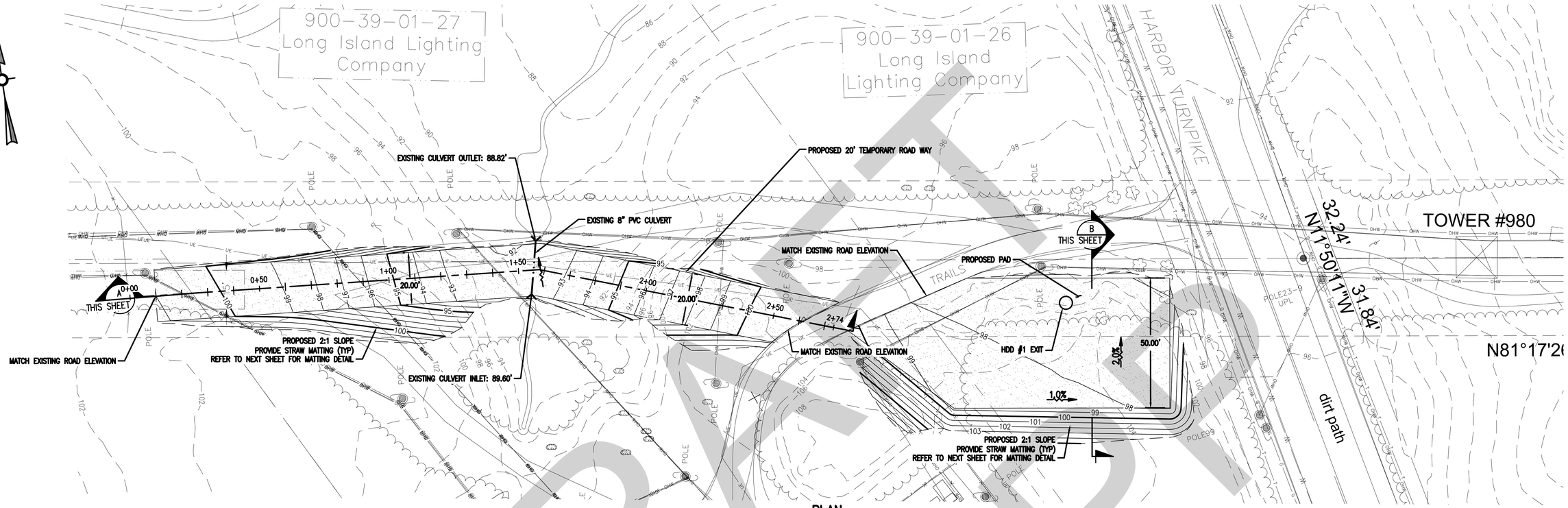
| DRAWING NO. | SMART NO. | REVISION |
|---|---|---|
| F107637 | RVF69-FU-01131 | 0 |

| SYSTEM GRID NUMBER | CABINET NO. | FOLDER NO. |
|---|---|---|
| | | |

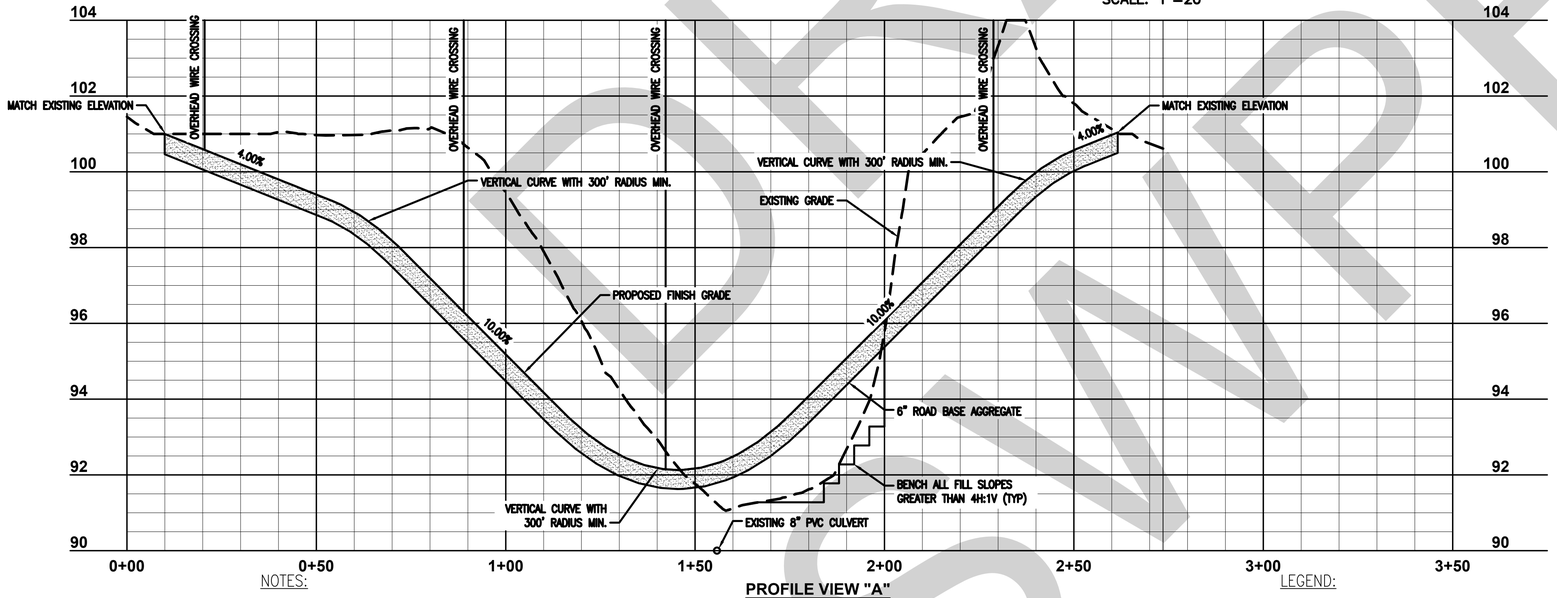
DRAFT SWPPP

## ATTACHMENT 2

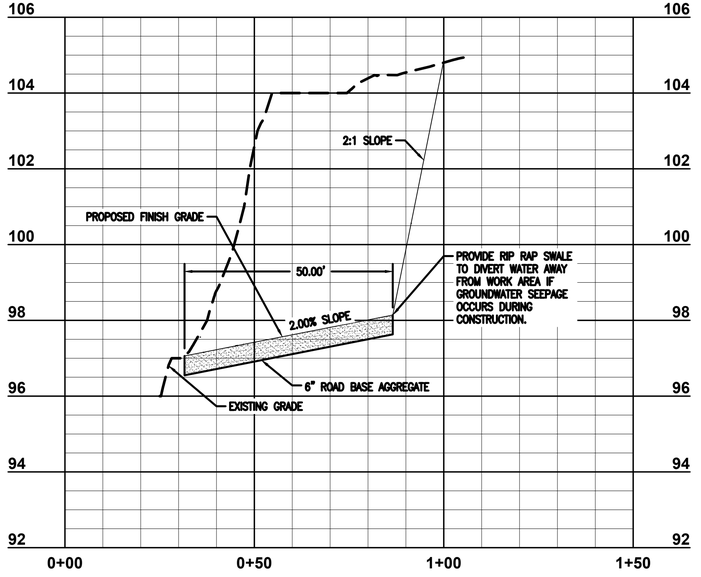
# BRIDGEHAMPTON SUBSTATION GRADING PLAN




## PLAN
SCALE: 1"=20'




## PROFILE VIEW "A"




## PROFILE VIEW "B"

NOTES:

1. THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-272-4480.
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0 10 20 40 60 FEET
HORIZONTAL SCALE 1"= 20'

0 10 20 40 60 FEET
VERTICAL SCALE: 1"= 20'

811 Know what's below. Call before you dig.

POWER ENGINEERS

LEGEND:

EXISTING WATER FLOW LINE

| ESTIMATED QUANTITIES | | |
|---|---|---|
| CUT (C.Y.) | FILL (C.Y.) | NET TOTAL |
| 1445 | 80 | 1,365 (CUT) |

EARTHWORK QUANTITIES SHOWN ARE ESTIMATES ONLY AND ARE IN BANK CUBIC YARDS WITH NO ALLOWANCE FOR SHRINK OR SWELL. THE CONTRACTORS SHALL CALCULATE THEIR OWN ITEMIZED EARTHWORK AND MATERIAL QUANTITIES FOR THIS PROJECT.

| NO. | DATE | W.O. | DESCRIPTION | DRN BY | CHD BY | REVIEWED | APPD |
|---|---|---|---|---|---|---|---|
| 0 | 11/12/20 | | ISSUE FOR CONSTRUCTION | JG | SW | A. | SU |

Long Island Power Authority
TIANA – BUELL
69kV UNDERGROUND TRANSMISSION LINE

BRIDGEHAMPTON TO BUELL
CIVIL
SITE LAYOUT

PSEG LONG ISLAND
175 East Old Country Road
Hicksville, New York

SCALE: 1" = 20'-0"
VENDOR DWG. NO.

DRAWING NO. 162165
SHEET NO. RVF69-FU-01129
REVISION 0

SYSTEM GRID NUMBER
CABINET NO.
FOLDER NO.

DRAFT

DRAFT SWPPP

# ATTACHMENT 3

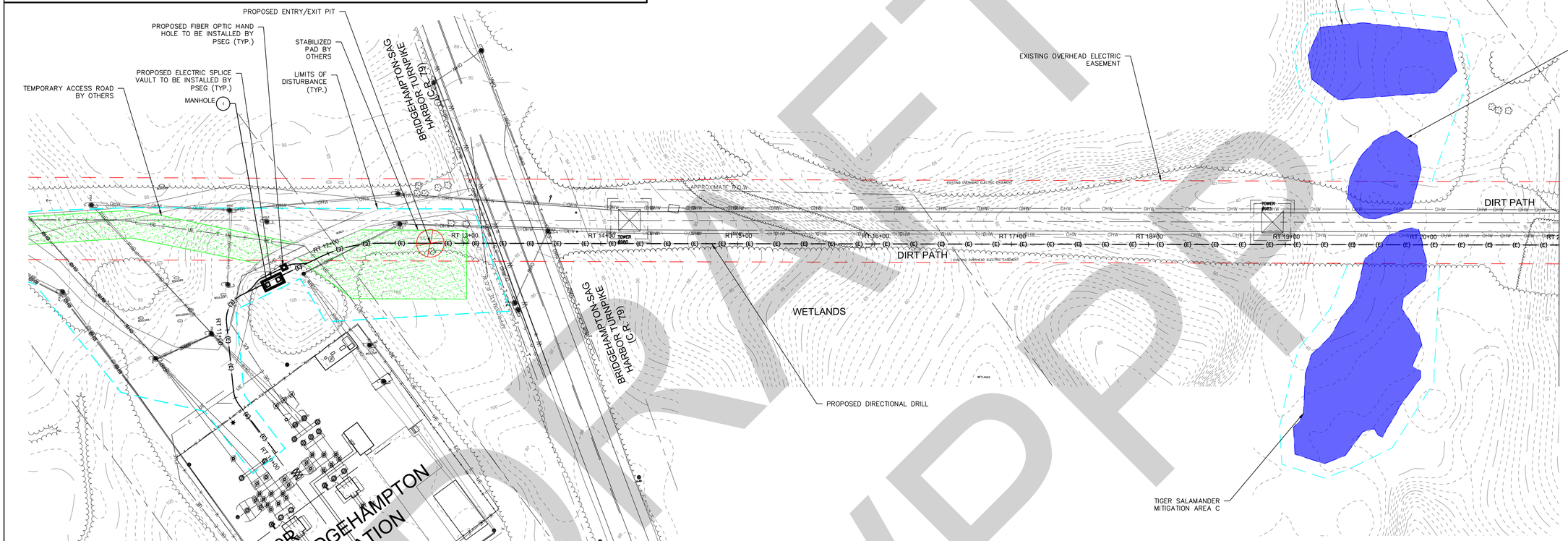
# CONSTRUCTION PLANS

LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- TEMPORARY ACCESS ROAD BY OTHERS
- LIMITS OF DISTURBANCE

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 INCH = 20 FEET

NORTH




MATCHLINE - SEE DWG. No. CP-2

## ACCESS ROAD - 1
## STA. RT 10+00 TO RT 21+00

DRAFT SWPPP

| No. | DATE | REVISION | BY: |
|---|---|---|---|
| - | - | - | - |

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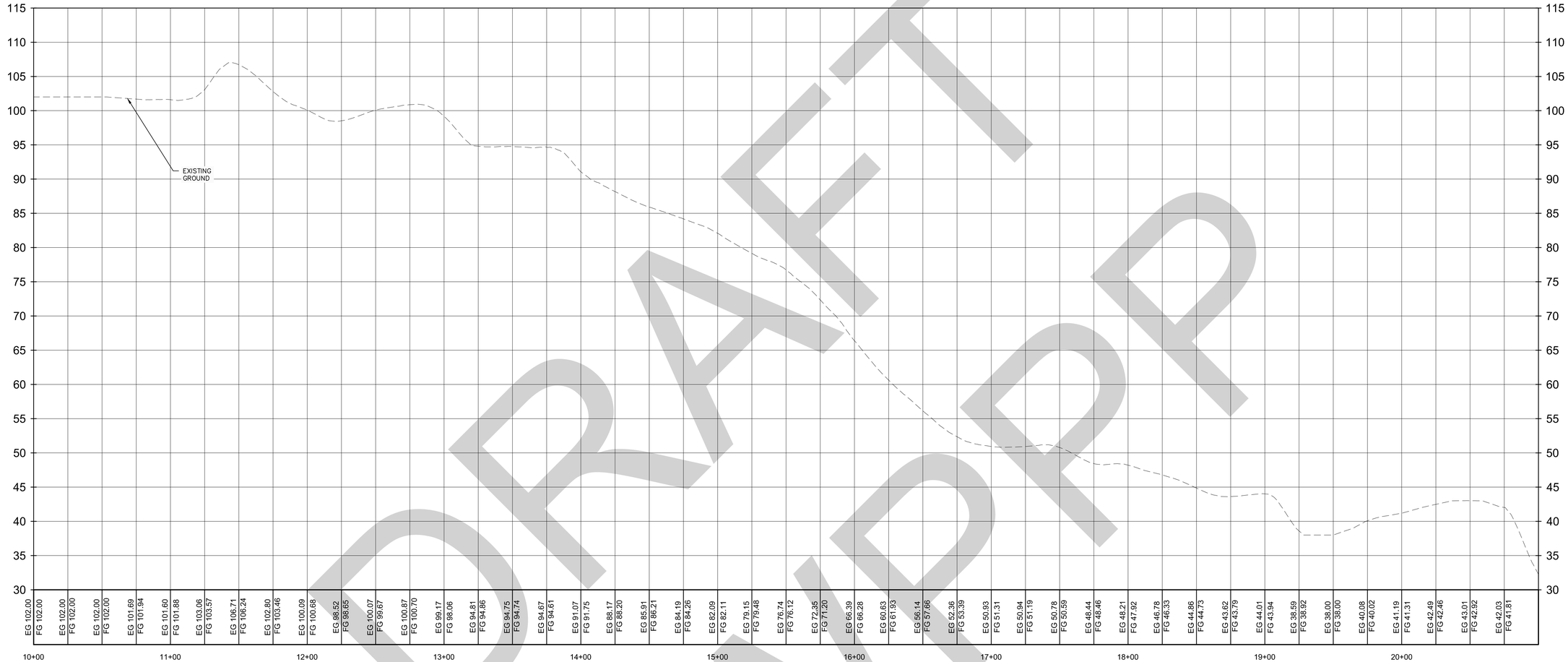
CONSULTANT:
NELSON+POPE
engineers • architects • surveyors
70 Maxess Road, Melville, NY 11747 • 631.427.5665 • nelsonpope.com

CLIENT:
PSEG LONG ISLAND
175 E OLD COUNTRY ROAD
HICKSVILLE, NY 11801

| | |
|---|---|
| DWN. BY: | DC |
| CHK'D BY: | RS |
| DATE: | OCTOBER 2021 |
| JOB No.: | 16160 |
| CADD | 16160_BMP_PRE_AC.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
# CONSTRUCTION PLAN - 1
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-1
SHEET: 1 OF 28




# ACCESS ROAD - 1
## STA. RT 10+00 TO RT 21+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 8'

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HICKSVILLE, NY 11801

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| CADD | 5160_BMP_PRE_AC.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 1A
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-1A

SHEET: 2 OF 28

LEGEND

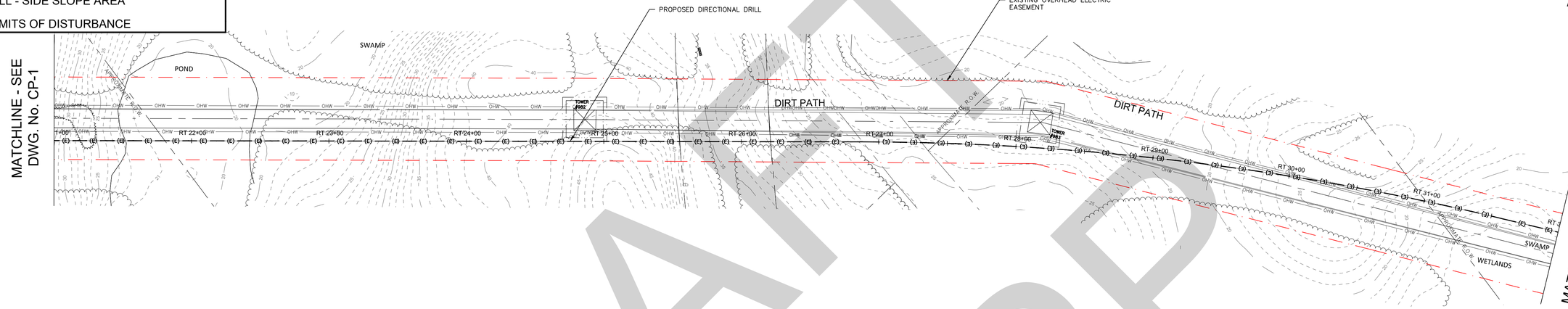
- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

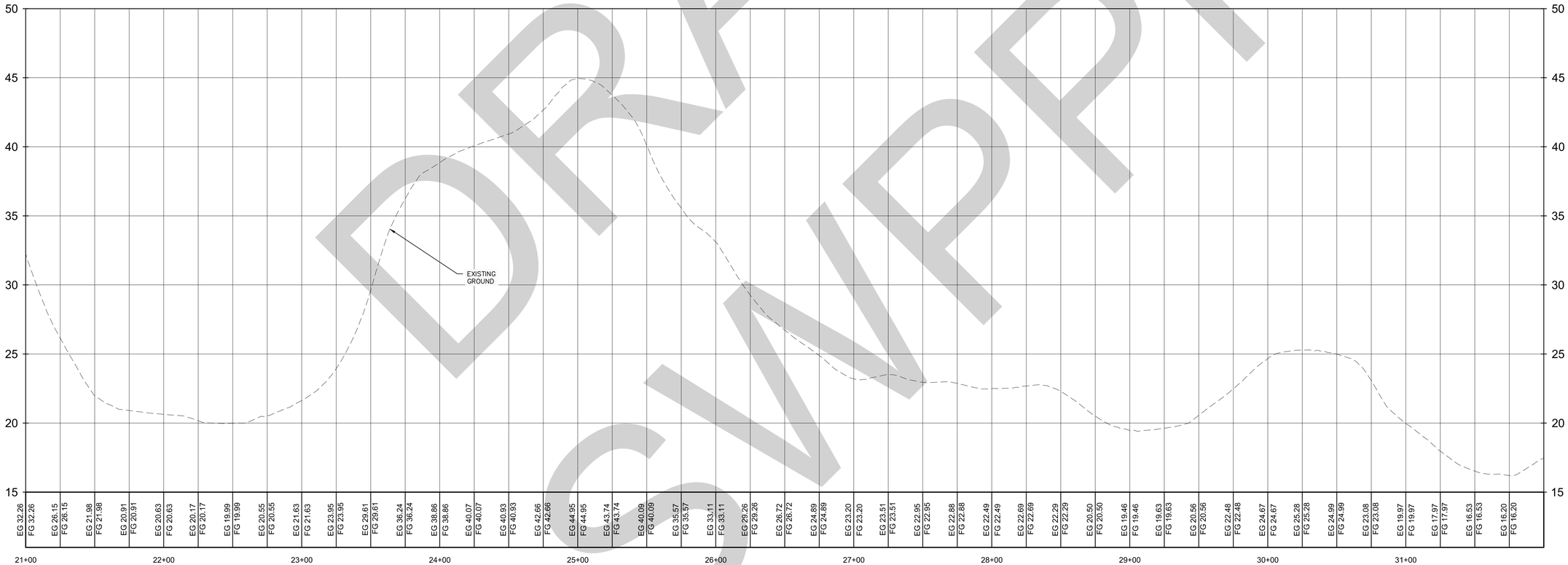
# ACCESS ROAD - 2
## STA. RT 21+00 TO RT 32+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 INCH = 20 FEET

NORTH




| STA | EG | FG |
|---|---|---|
| 21+00 | 32.26 | 32.26 |
| | 26.15 | 26.15 |
| | 21.98 | 21.98 |
| | 20.91 | 20.91 |
| | 20.63 | 20.63 |
| | 20.17 | 20.17 |
| | 19.99 | 19.99 |
| | 20.55 | 20.55 |
| | 21.63 | 21.63 |
| | 23.95 | 23.95 |
| 22+00 | 29.61 | 29.61 |
| | 36.24 | 36.24 |
| | 38.86 | 38.86 |
| | 40.07 | 40.07 |
| | 40.93 | 40.93 |
| | 42.66 | 42.66 |
| 23+00 | 44.95 | 44.95 |
| | 43.74 | 43.74 |
| | 40.09 | 40.09 |
| | 35.57 | 35.57 |
| | 33.11 | 33.11 |
| 24+00 | 29.26 | 29.26 |
| | 26.72 | 26.72 |
| | 24.89 | 24.89 |
| 25+00 | 23.20 | 23.20 |
| | 23.51 | 23.51 |
| | 22.95 | 22.95 |
| | 22.88 | 22.88 |
| | 22.49 | 22.49 |
| 26+00 | 22.69 | 22.69 |
| | 22.29 | 22.29 |
| | 20.50 | 20.50 |
| | 19.46 | 19.46 |
| 27+00 | 19.63 | 19.63 |
| | 20.56 | 20.56 |
| | 22.48 | 22.48 |
| 28+00 | 24.67 | 24.67 |
| | 25.28 | 25.28 |
| | 24.99 | 24.99 |
| 29+00 | 23.08 | 23.08 |
| | 19.97 | 19.97 |
| | 17.97 | 17.97 |
| 30+00 | 16.53 | 16.53 |
| | 16.20 | 16.20 |

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DRAWING TITLE:
CONSTRUCTION PLAN - 2
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-2

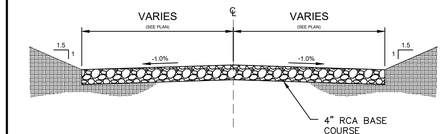
SHEET: 3 OF 28

# ACCESS ROAD - 3
## STA. RT 32+00 TO RT 43+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- TIMBER MATS
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE




TYPICAL ACCESS ROAD SECTION
NOT TO SCALE




TYPICAL SECTION VIEW




TYPICAL PLAN VIEW

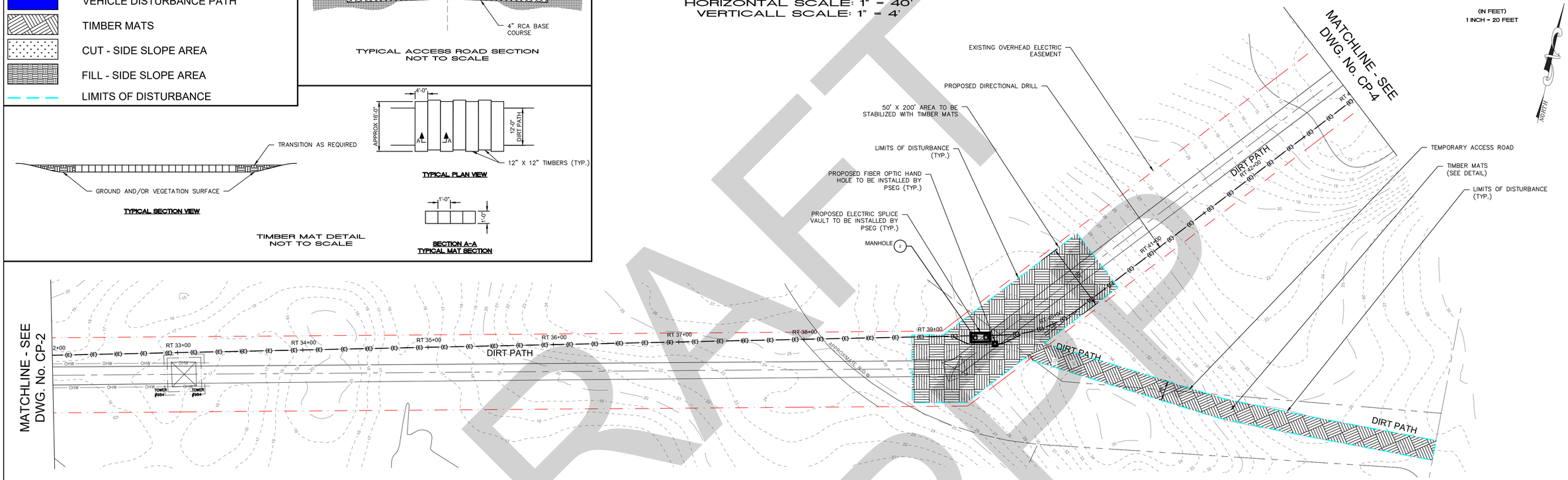


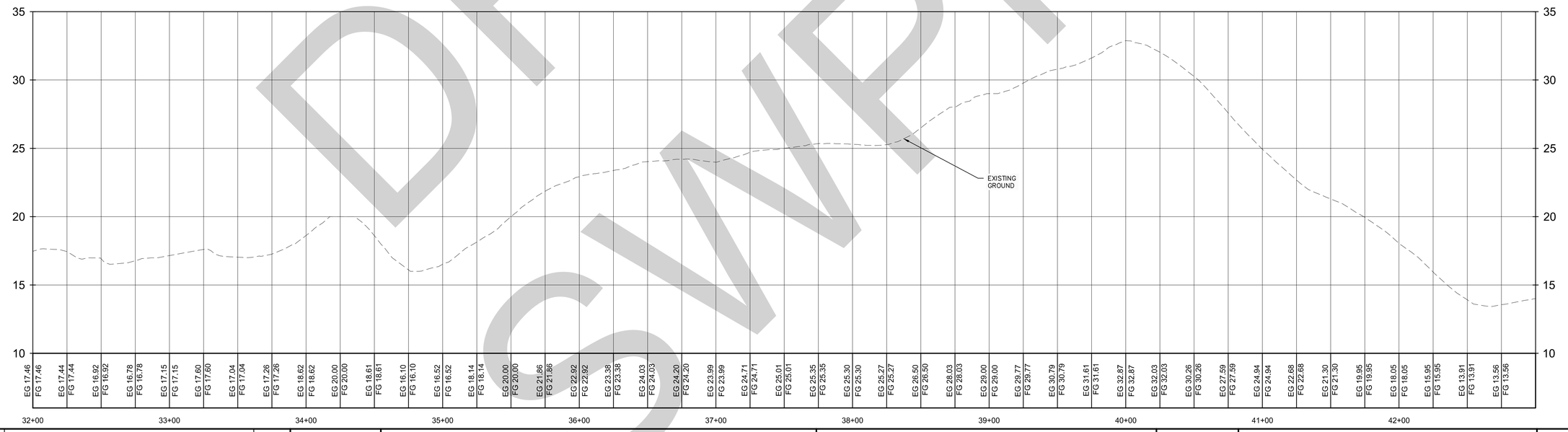

SECTION A-A
TYPICAL MAT SECTION

TIMBER MAT DETAIL
NOT TO SCALE

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 INCH = 20 FEET

NORTH

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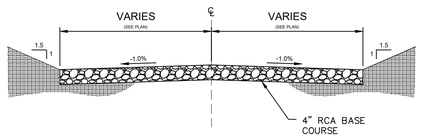
DRAWING TITLE:
CONSTRUCTION PLAN - 3
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-3

SHEET: 4 OF 28



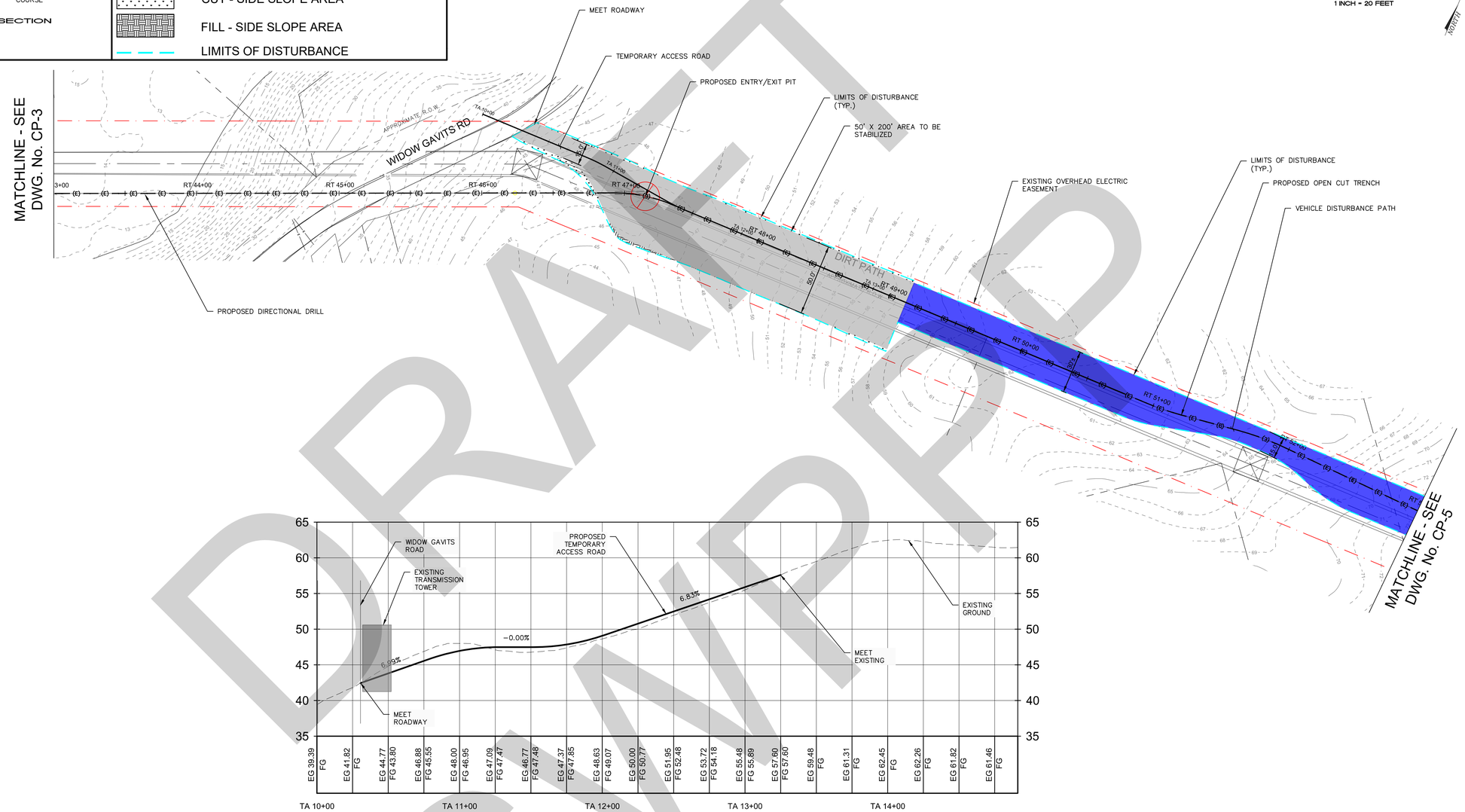

TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 INCH = 20 FEET

NORTH







# TEMPORARY ACCESS ROAD ALIGNMENT
## ACCESS ROAD - 4
## STA. RT 43+00 TO RT 53+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 8'

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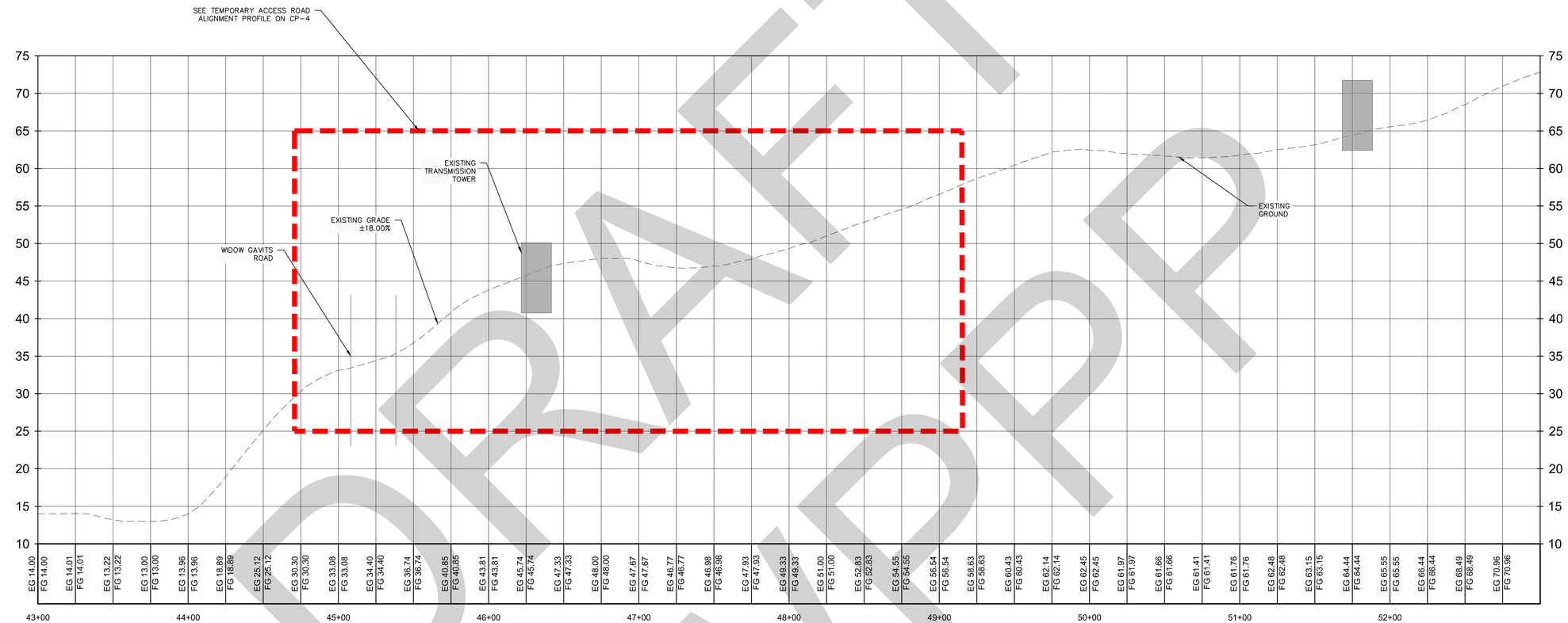
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 4
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-4

SHEET: 5 OF 28




# DIRECTIONAL DRILL AND OPEN CUT TRENCH ALIGNMENT
## ACCESS ROAD – 4
## STA. RT 43+00 TO RT 53+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 8'

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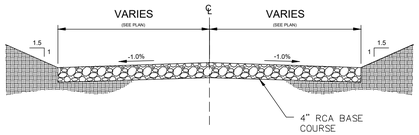
DRAWING TITLE:
CONSTRUCTION PLAN - 4A
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-4A

SHEET: 6 OF 28



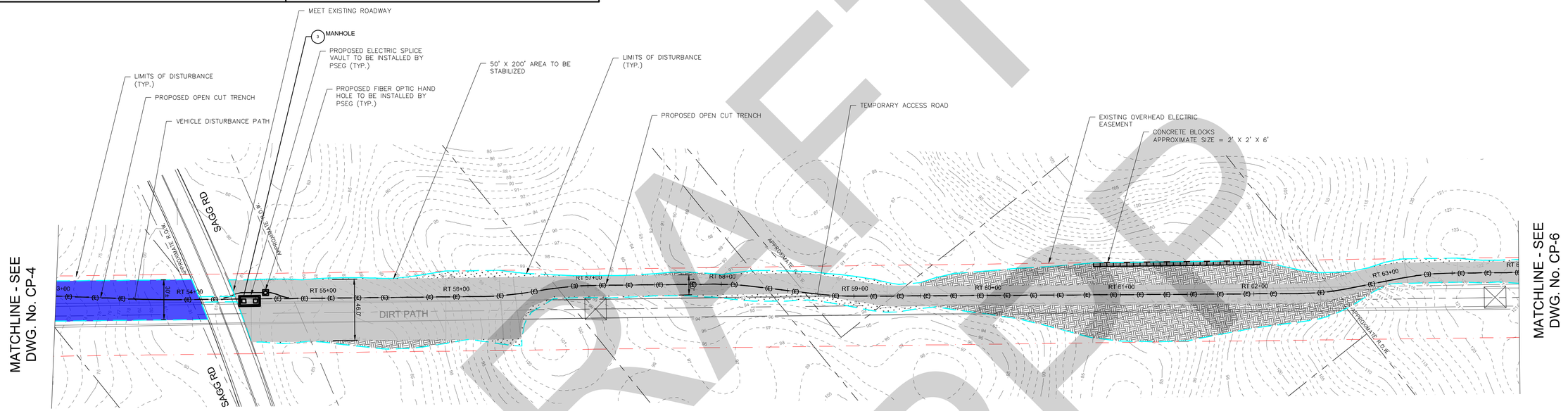

TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

NORTH

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET




MATCHLINE - SEE DWG. No. CP-4

MATCHLINE - SEE DWG. No. CP-6

## ACCESS ROAD - 5
## STA. RT 53+00 TO RT 64+00

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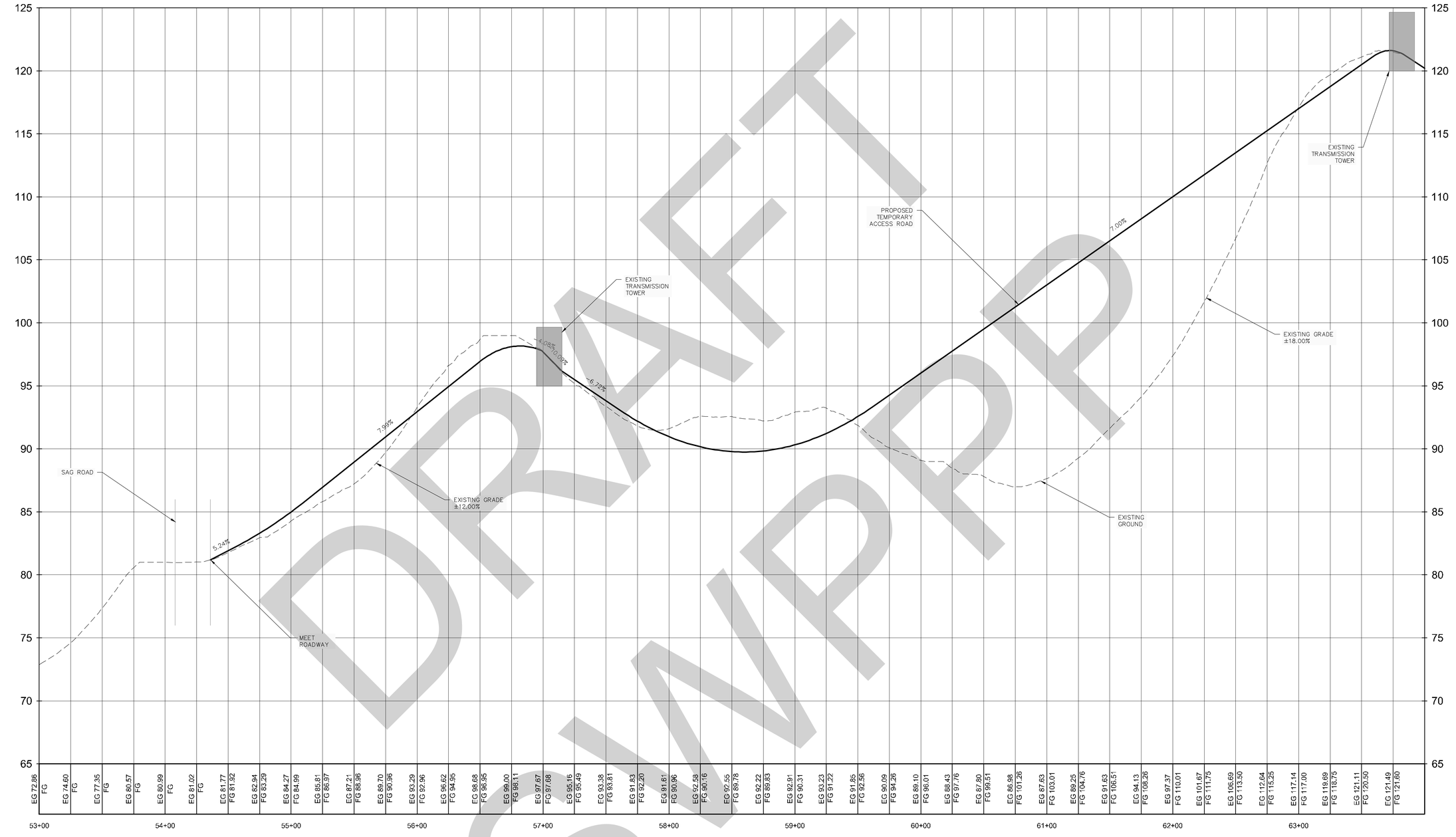
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 5
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-5

SHEET: 7 OF 28




# ACCESS ROAD – 5
## STA. RT 53+00 TO RT 64+00
HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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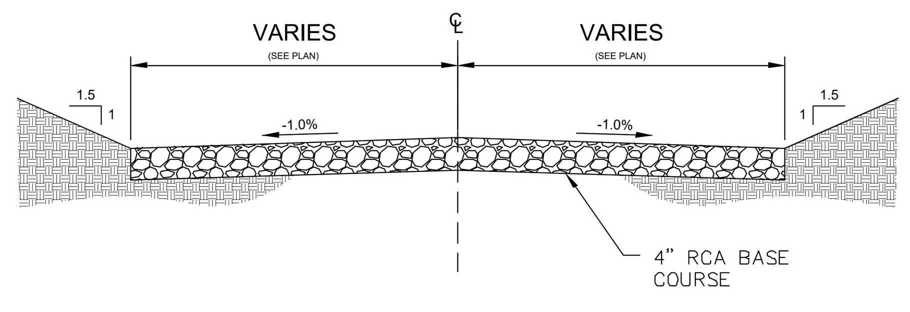
| CADD: | 00_BMP_AC_ROAD_1.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 5A
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-5A

SHEET: 8 OF 28




TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

**LEGEND**

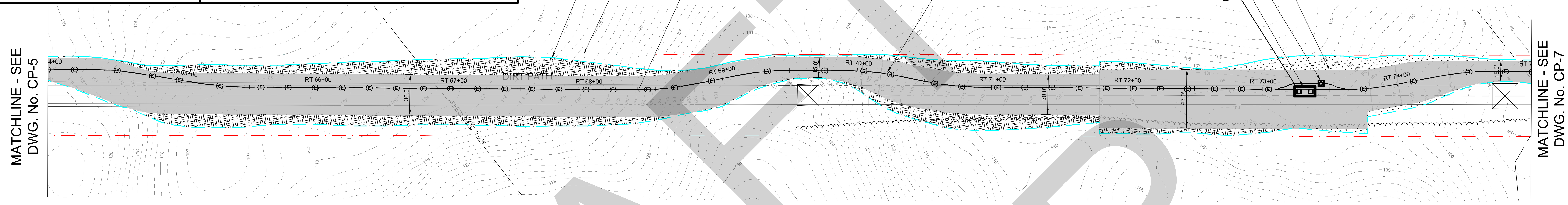
- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

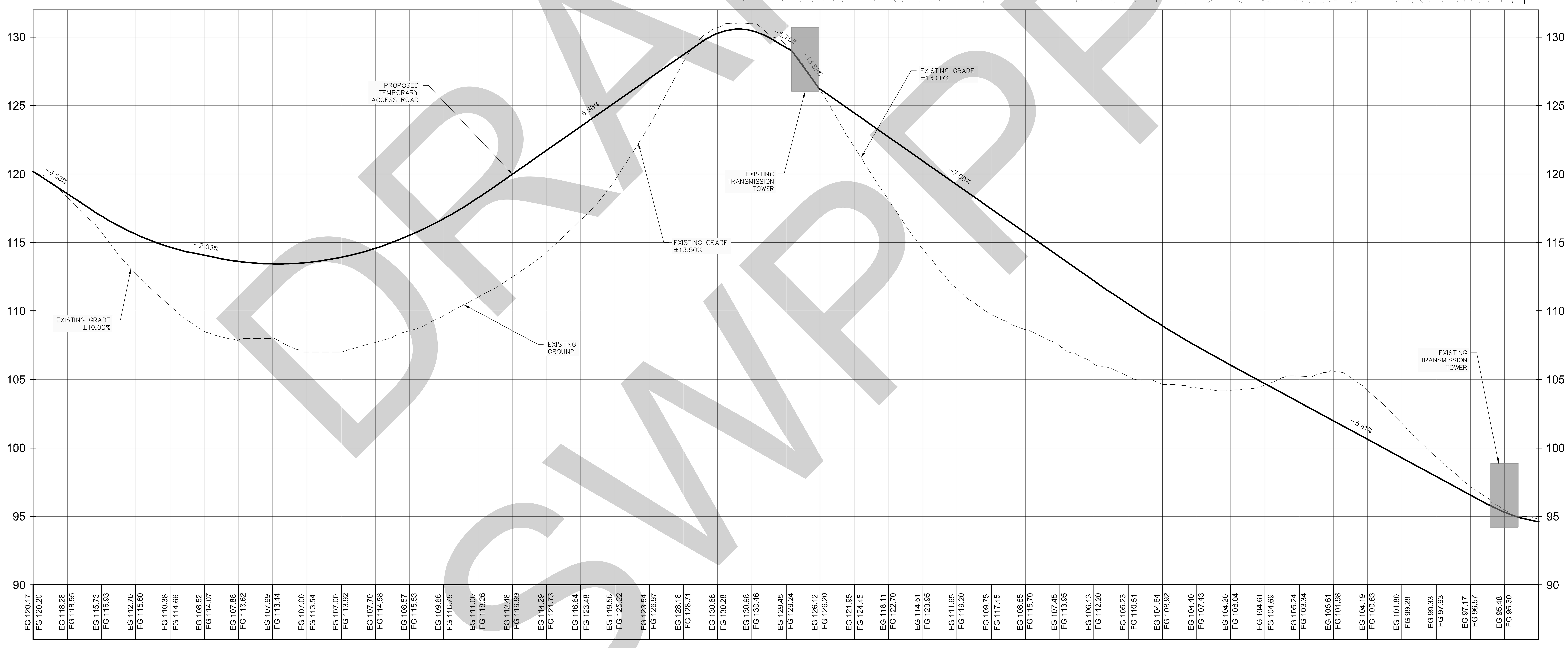
# ACCESS ROAD - 6
## STA. RT 64+00 TO RT 75+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH

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HICKSVILLE, NY 11801

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DATE: OCTOBER 2021
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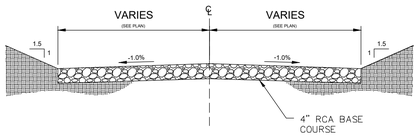
SCALE: AS SHOWN

DRAWING TITLE:

CONSTRUCTION PLAN - 6
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER: CP-6




TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

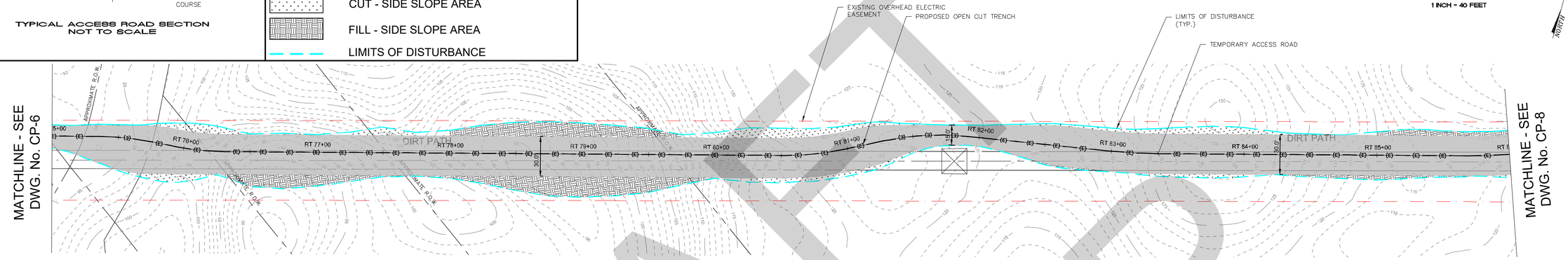
LEGEND

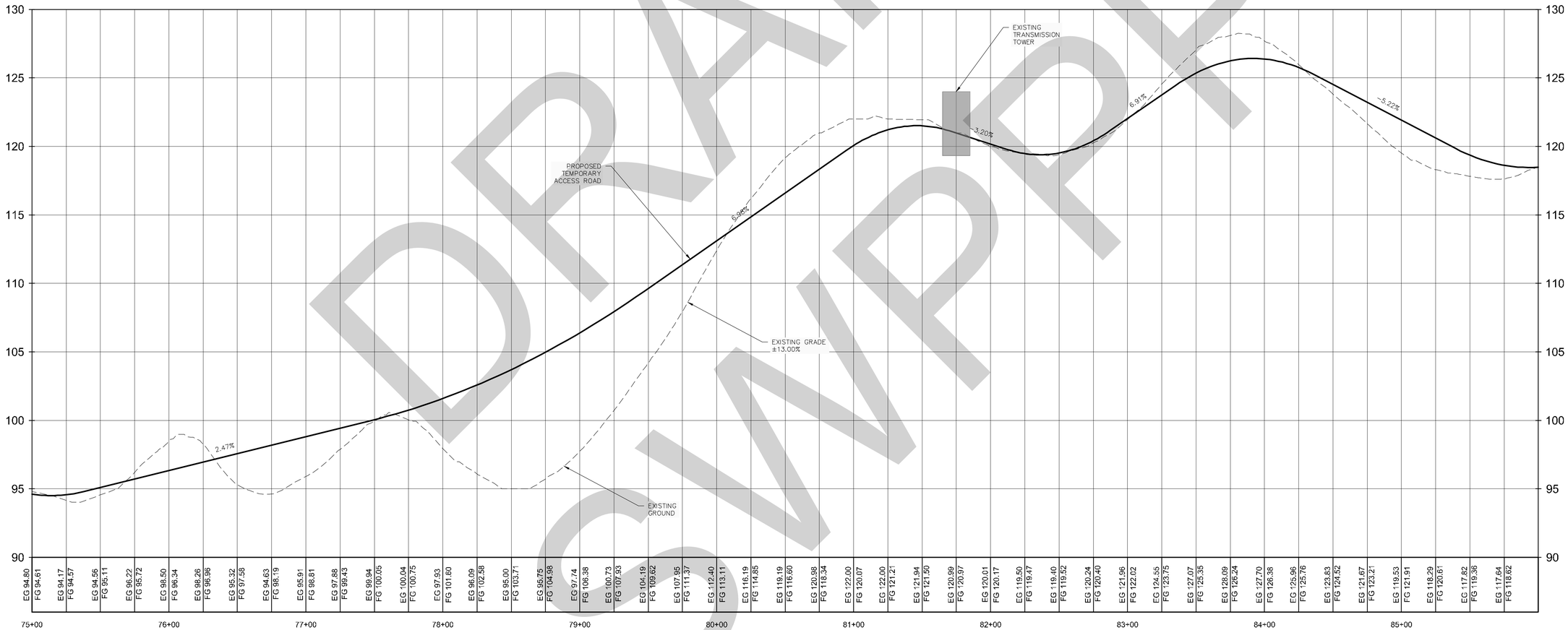
- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

# ACCESS ROAD – 7
## STA. RT 75+00 TO RT 86+00
HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH

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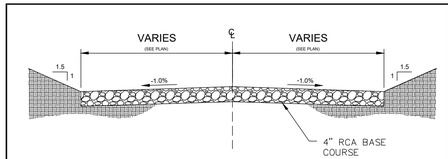
| CADD: | 16160_BMP_AC_ROAD_1.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
# CONSTRUCTION PLAN - 7
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE

BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-7

SHEET: 10 OF 28



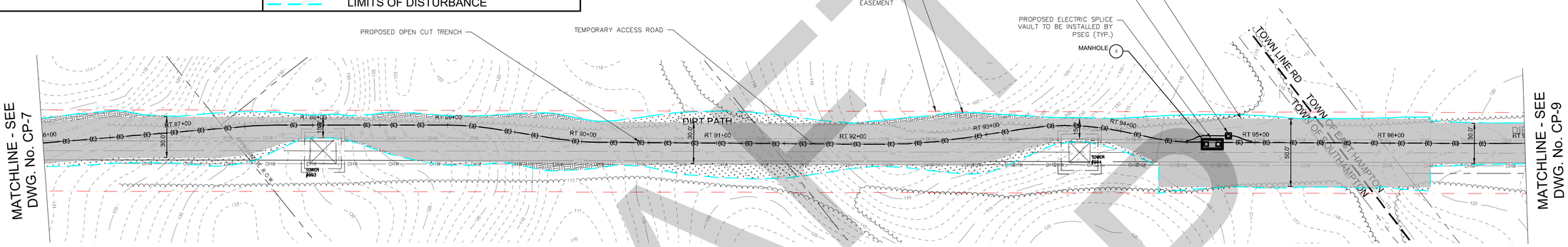

TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

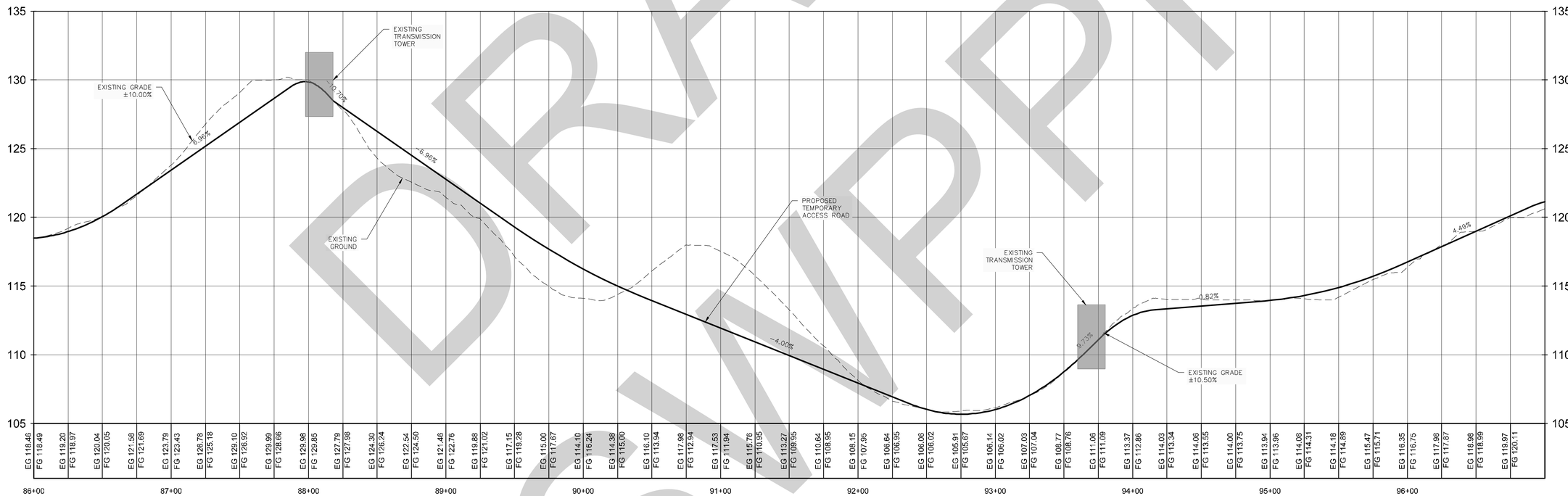
LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH




# ACCESS ROAD - 8
## STA. RT 86+00 TO RT 97+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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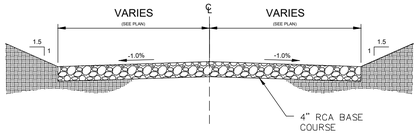
| CADD: | 00_BMP_AC_ROAD_1.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 8
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-8

SHEET: 11 OF 28



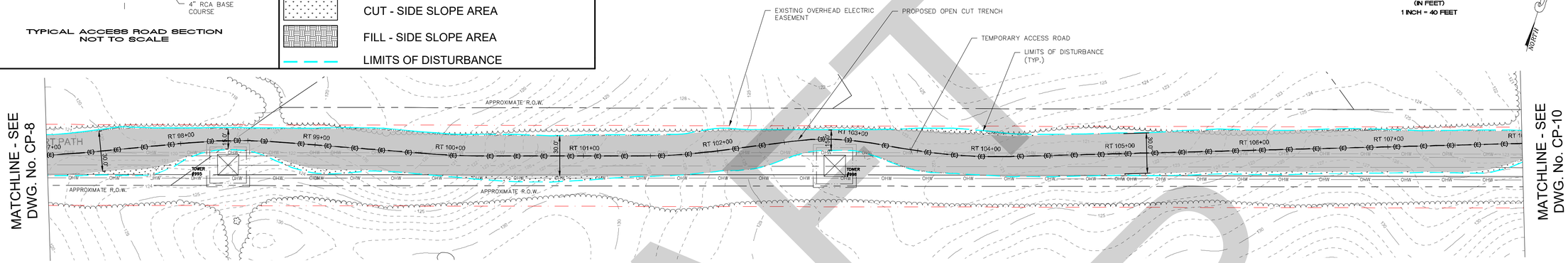

TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

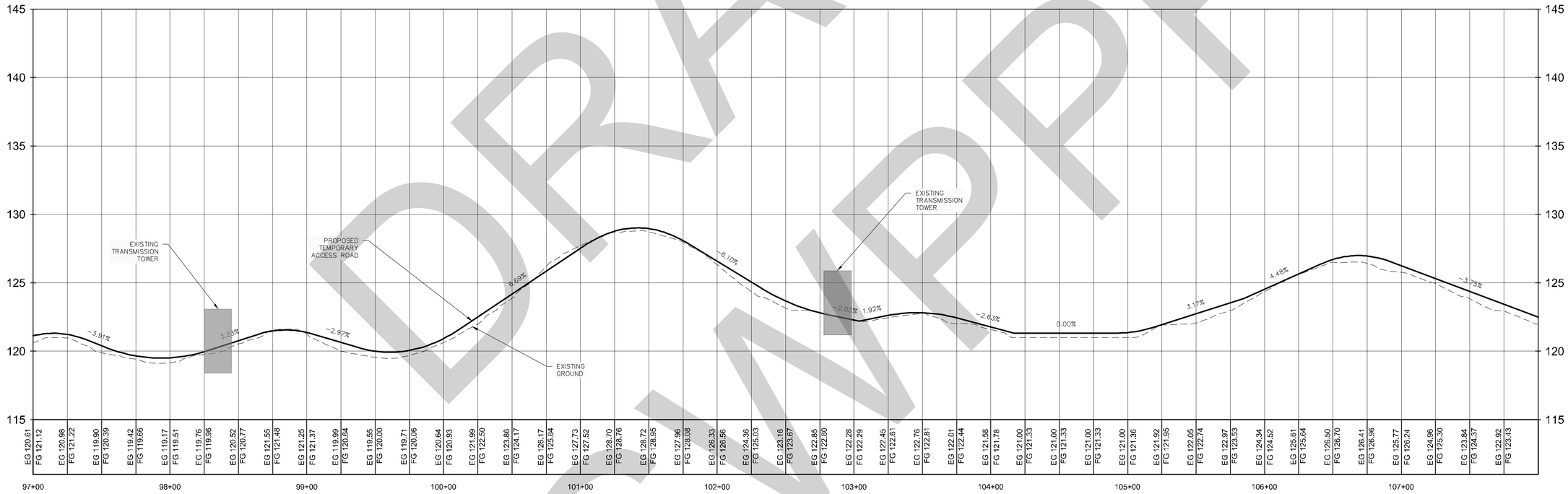
LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH




## ACCESS ROAD - 9
## STA. RT 97+00 TO RT 108+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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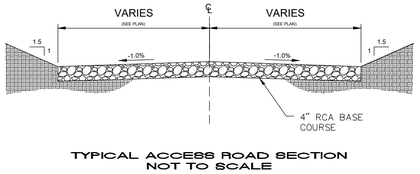
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 9
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-9
SHEET: 12 OF 28




TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

LEGEND

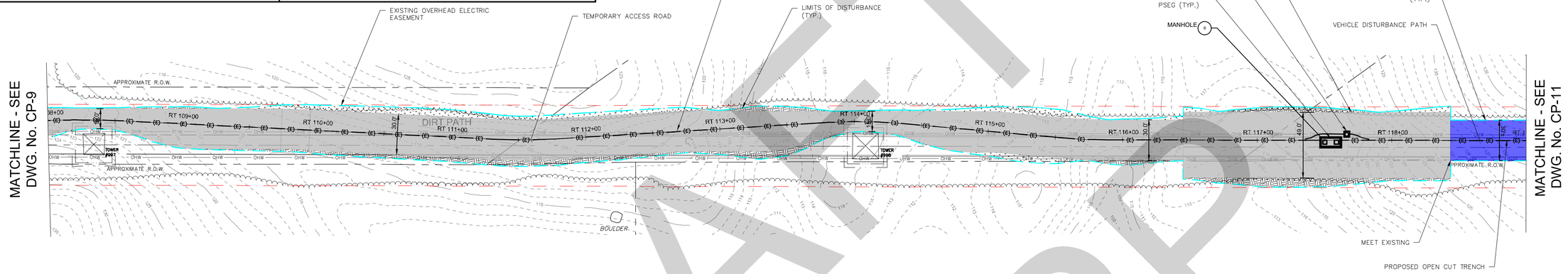
- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

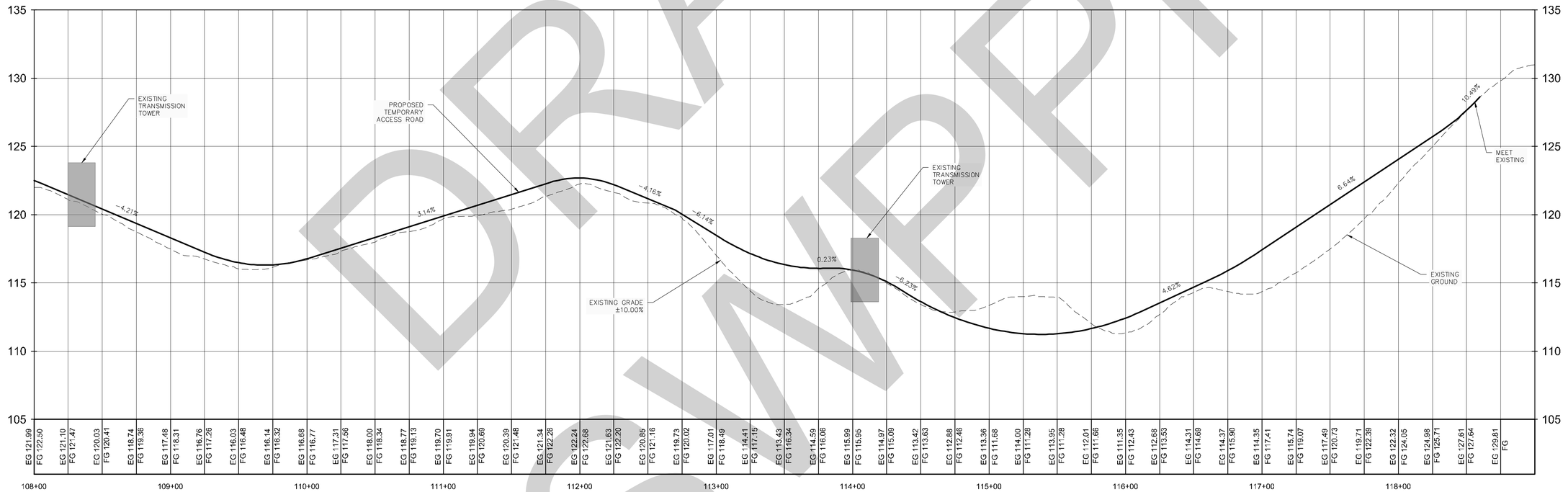
GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 INCH = 40 FEET

NORTH




## ACCESS ROAD – 10
## STA. RT 108+00 TO RT 119+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 10
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-10

SHEET: 13 OF 28

LEGEND

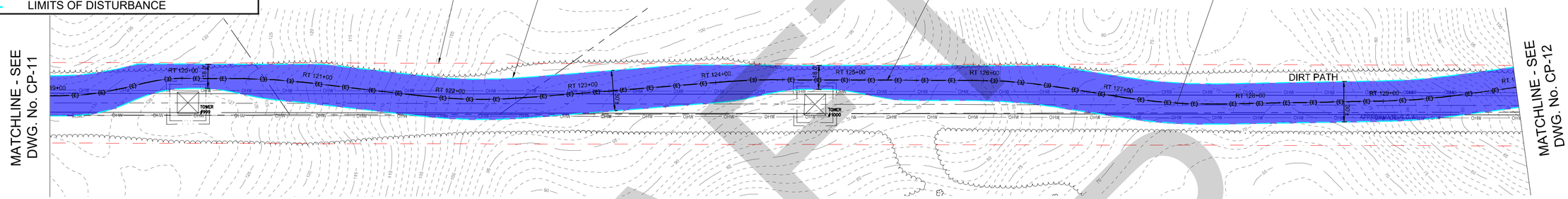
- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

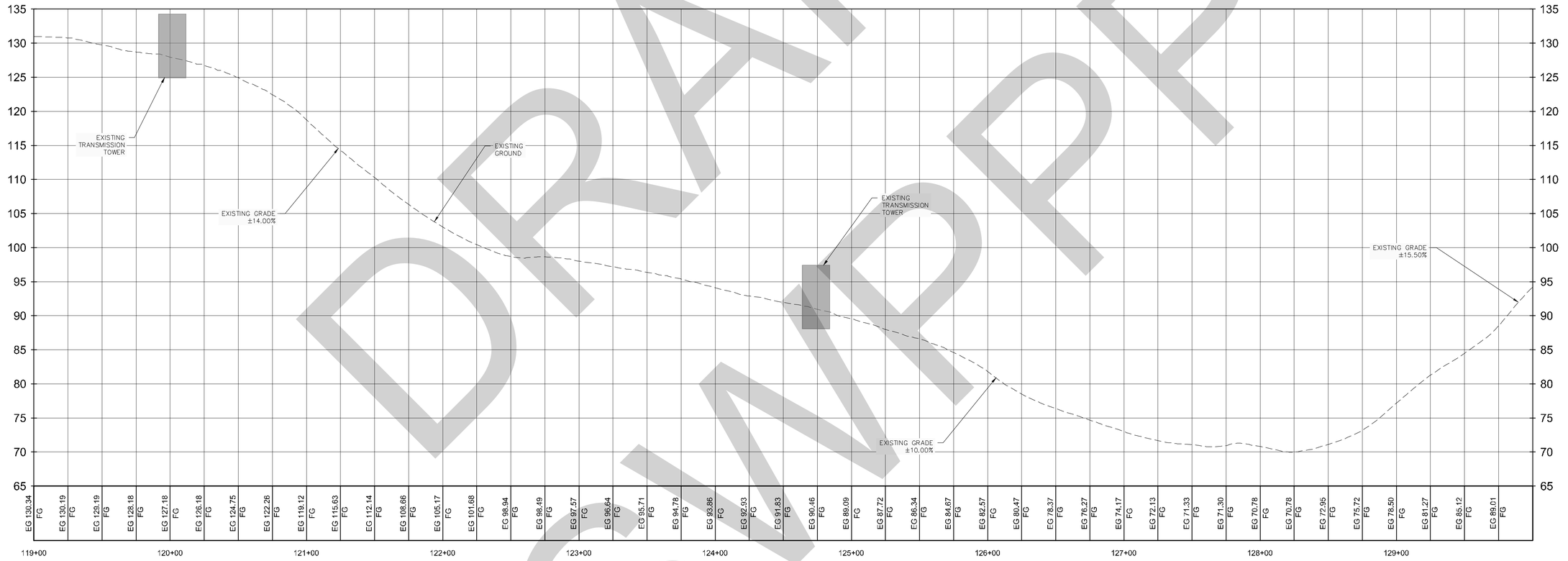
GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 INCH = 40 FEET

NORTH




## ACCESS ROAD – 11
## STA. RT 119+00 TO RT 130+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 8'

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| CAD ID: | P:\16160_BMP_AC_ROAD_2.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 11
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-11

SHEET: 14 OF 28

# ACCESS ROAD - 12
## STA. RT 130+00 TO RT 141+00

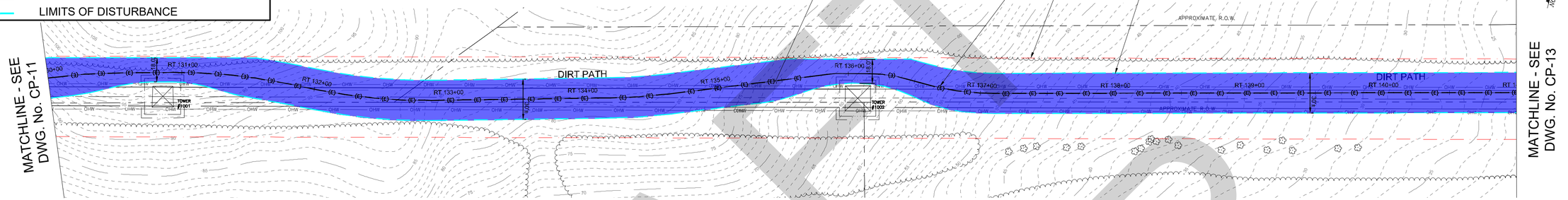
HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 8'

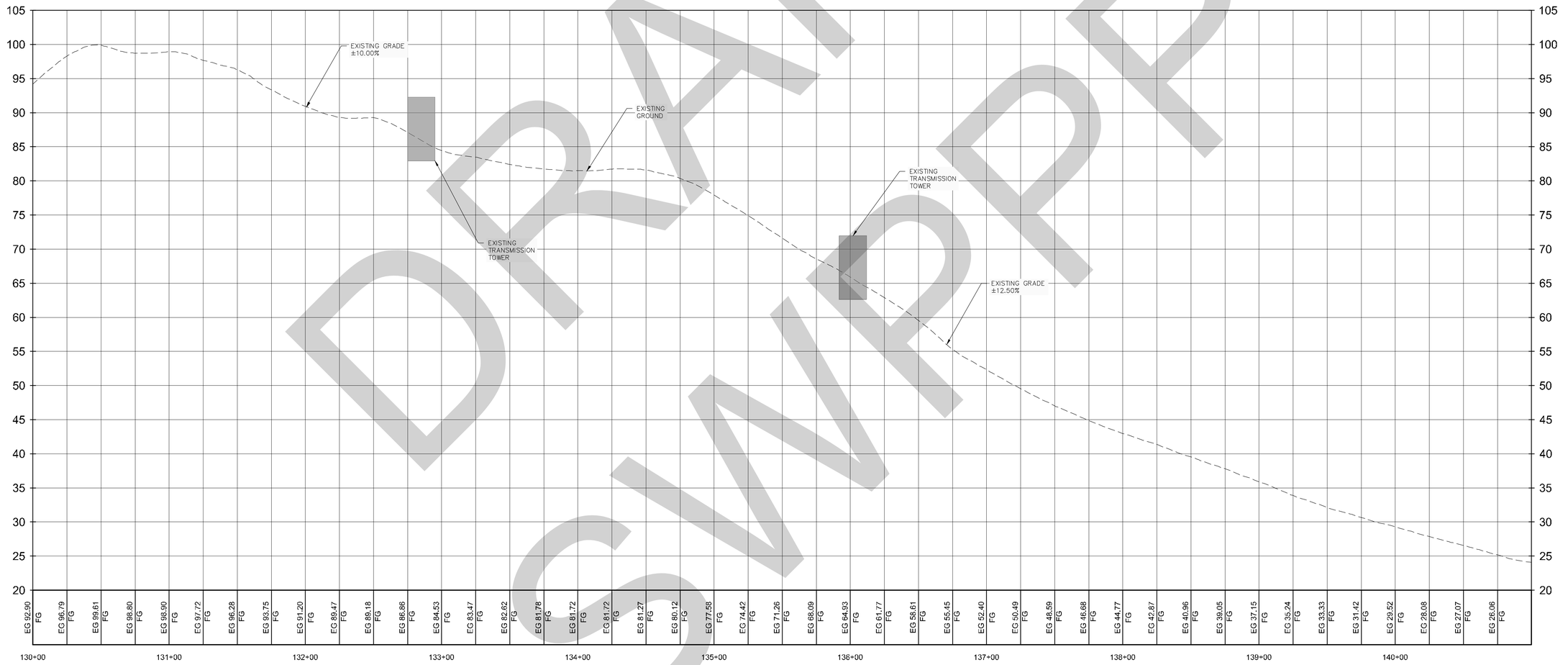
LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH

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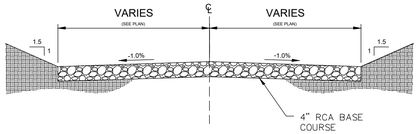
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 12
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

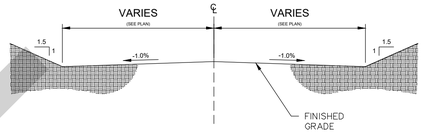
DRAWING NUMBER:
CP-12
SHEET: 15 OF 28




TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

## LEGEND

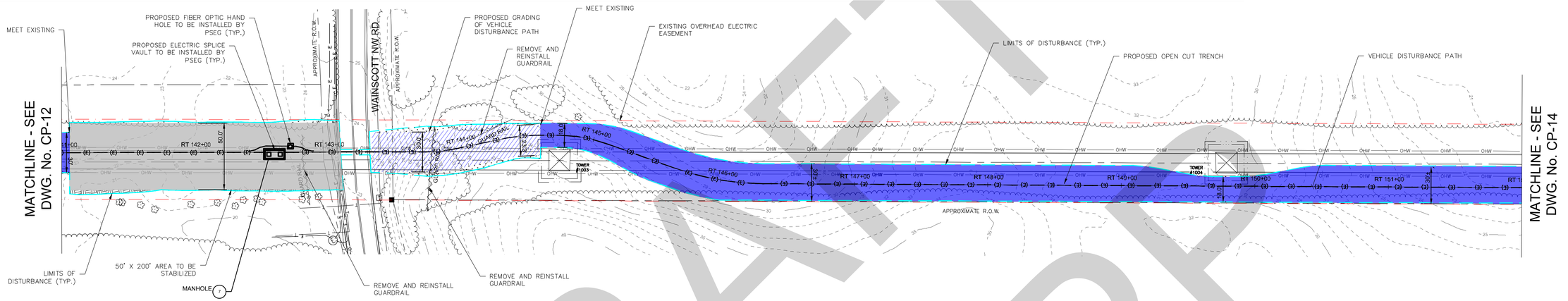
- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- PROPOSED GRADING OF VEHICLE DISTURBANCE PATH
- LIMITS OF DISTURBANCE

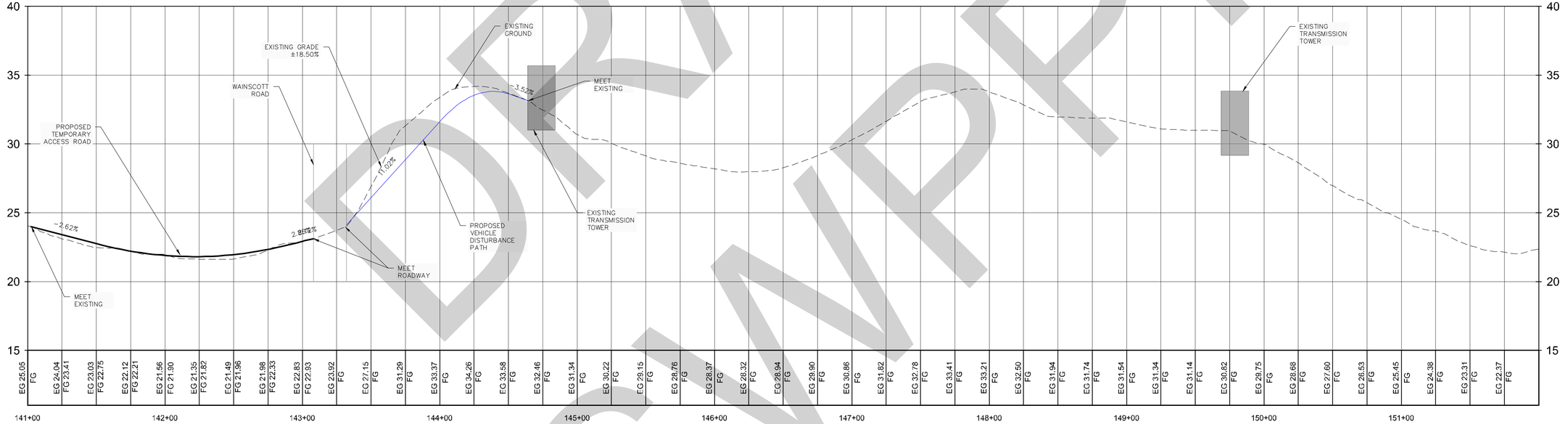



VEHICLE DISTURBANCE PATH GRADED SECTION
NOT TO SCALE

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH




# ACCESS ROAD - 13
# STA. RT 141+00 TO RT 152+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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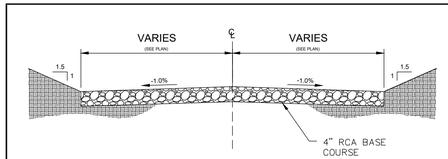
| CADD: | 0_BMP_AC_ROAD_2.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 13
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

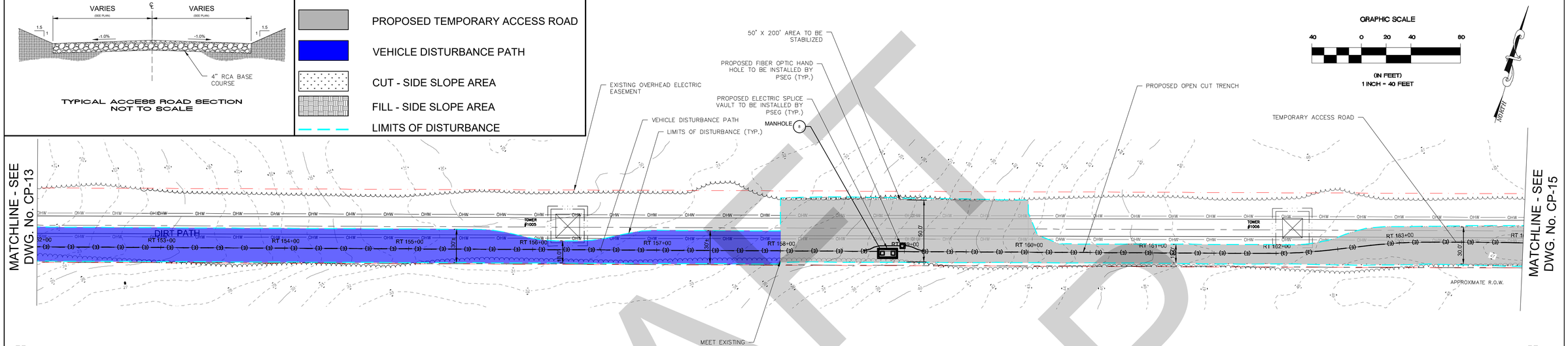
DRAWING NUMBER:
CP-13
SHEET: 16 OF 28

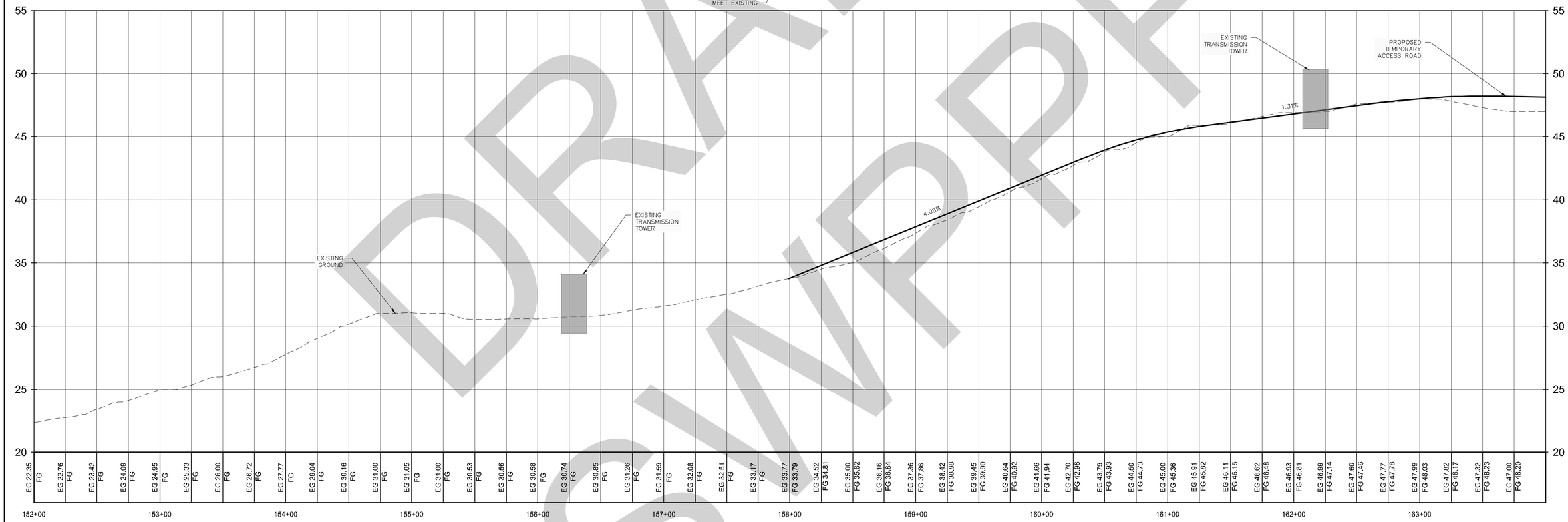



TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE




# ACCESS ROAD - 14
## STA. RT 152+00 TO RT 164+00
HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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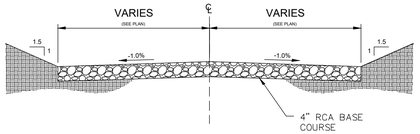
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 14
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-14
SHEET: 17 OF 28



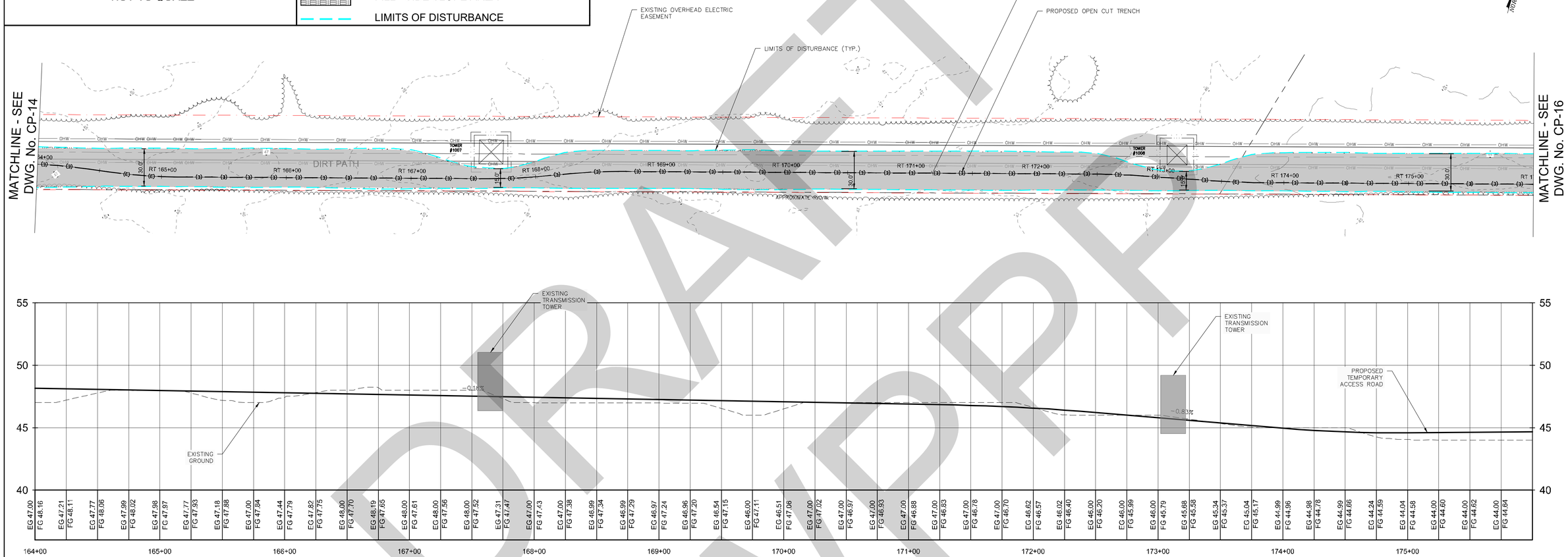

TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH




## ACCESS ROAD - 15
## STA. RT 164+00 TO RT 176+00
HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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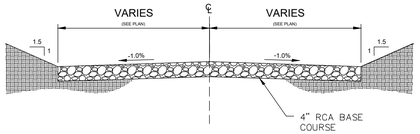
| CHK'D BY: | RS |
| DATE: | OCTOBER 2021 |
| JOB No.: | 16160 |
| CADD: | 0_BMP_AC_ROAD_3.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 15
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-15

SHEET: 18 OF 28



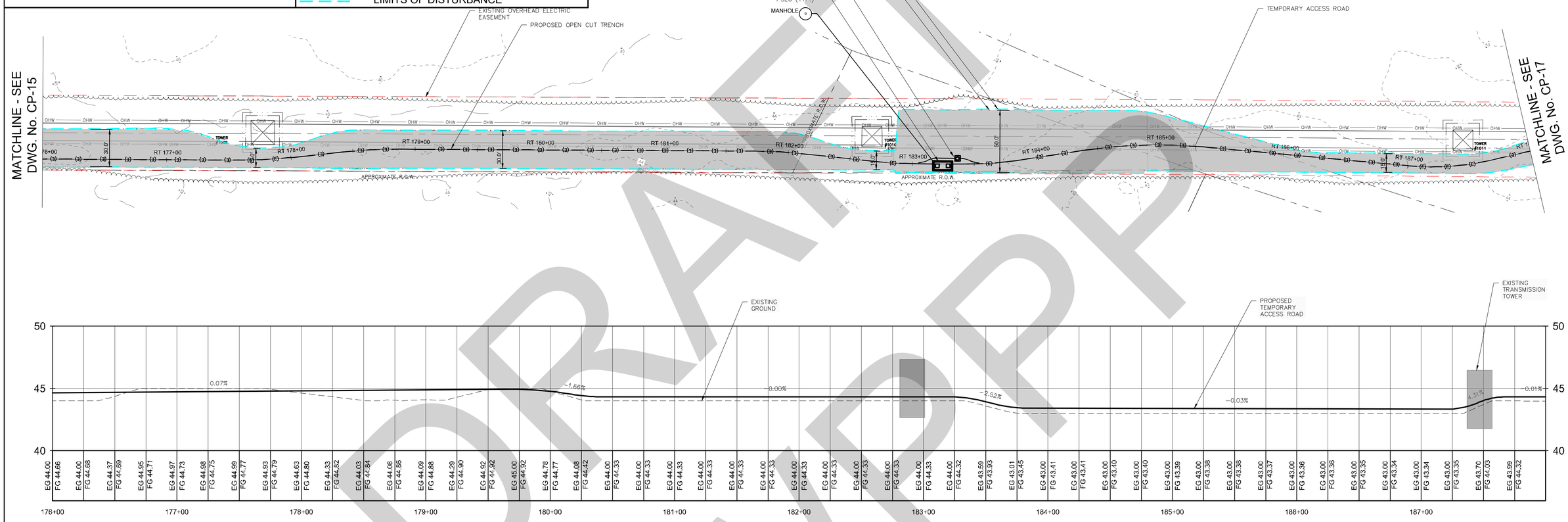

TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH




## ACCESS ROAD – 16
## STA. RT 176+00 TO RT 188+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

DRAFT SWPPP

| No. | DATE | REVISION | BY: |
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CLIENT:
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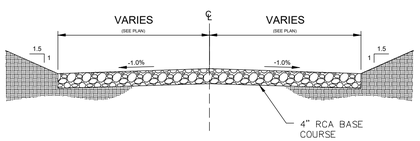
175 E OLD COUNTRY ROAD
HICKSVILLE, NY 11801

| | |
|---|---|
| DWN. BY: | DC |
| CHK'D BY: | RS |
| DATE: | OCTOBER 2021 |
| JOB No.: | 16160 |
| CADD: | 16160_BMP_AC_ROAD_3.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 16
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-16
SHEET: 19 OF 28



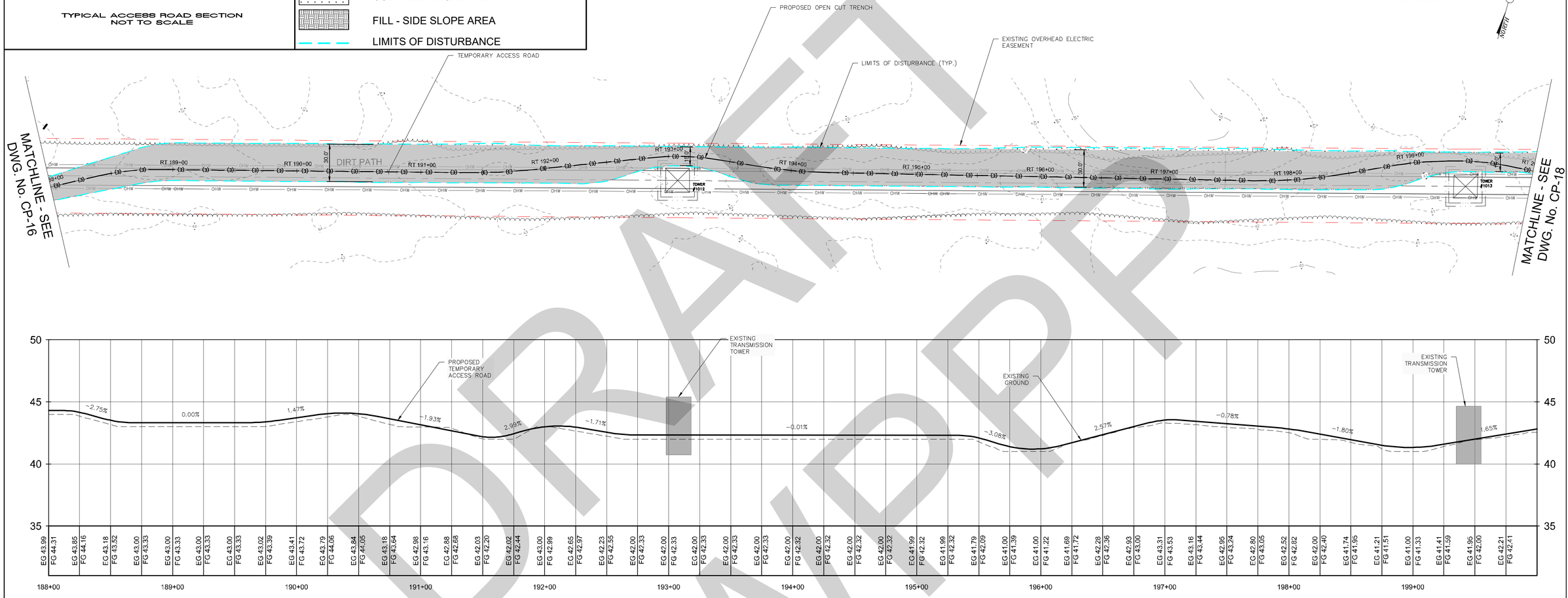

TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH







## ACCESS ROAD - 17
## STA. RT 188+00 TO RT 200+00
HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

DRAFT
NOT FOR CONSTRUCTION

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HICKSVILLE, NY 11801

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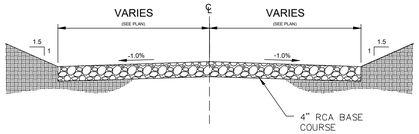
| DWN. BY: | DC |
| CHK'D BY: | RS |
| DATE: | OCTOBER 2021 |
| JOB No.: | 16160 |
| CAD ID: | P:\16160_BMP_AC_ROAD_3.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 17
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-17
SHEET: 20 OF 28



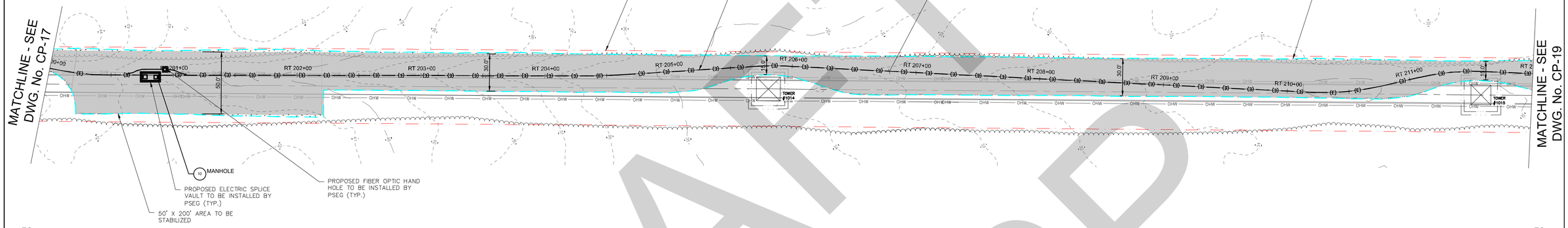

TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

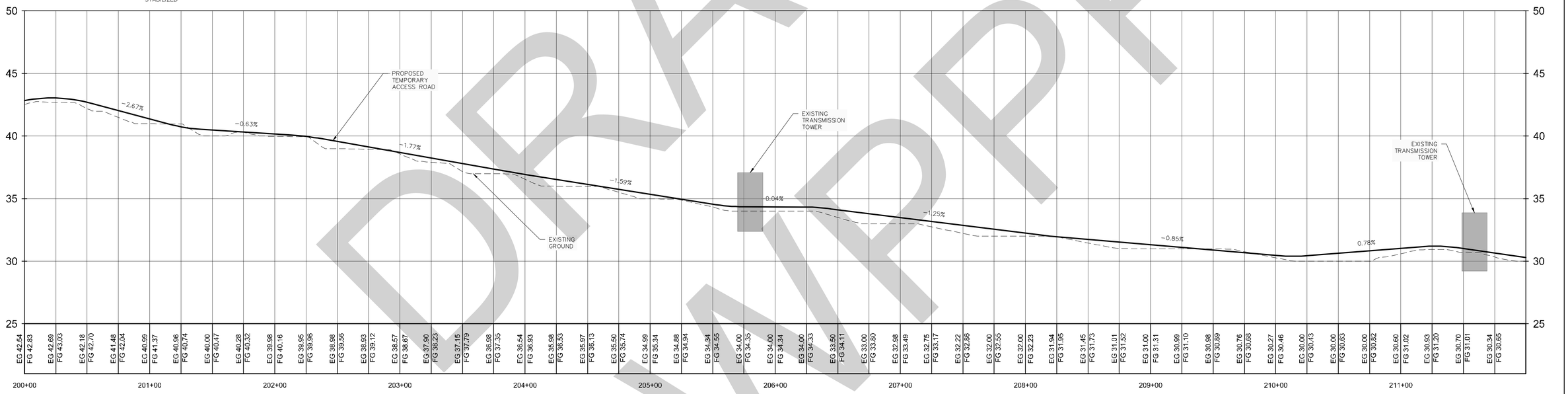
LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH




## ACCESS ROAD - 18
## STA. RT 200+00 TO RT 212+00
HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

DRAFT
SWPPP

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HICKSVILLE, NY 11801

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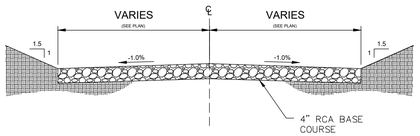
| DWN. BY: | DC |
| CHK'D BY: | RS |
| DATE: | OCTOBER 2021 |
| JOB No.: | 16160 |
| CADD: | 16160_BMP_AC_ROAD_3.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 18
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-18
SHEET: 21 OF 28



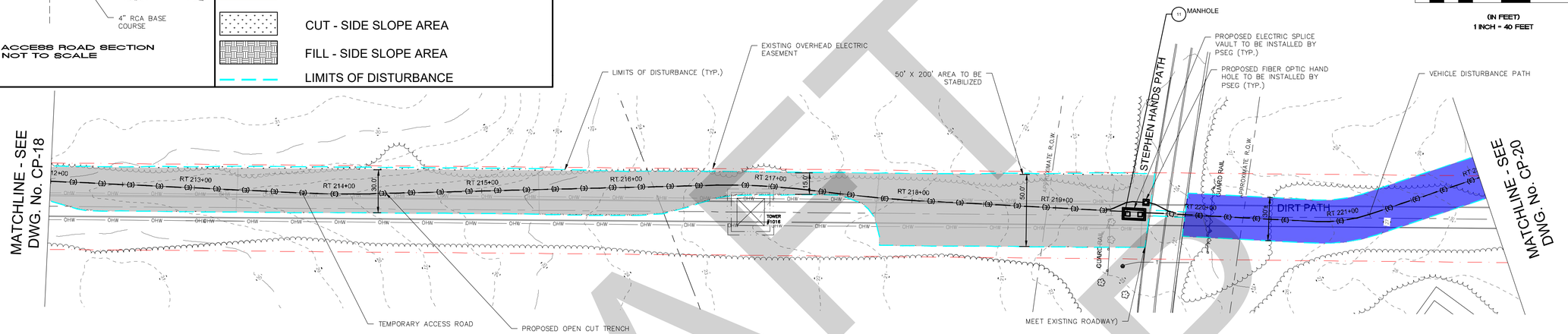

TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

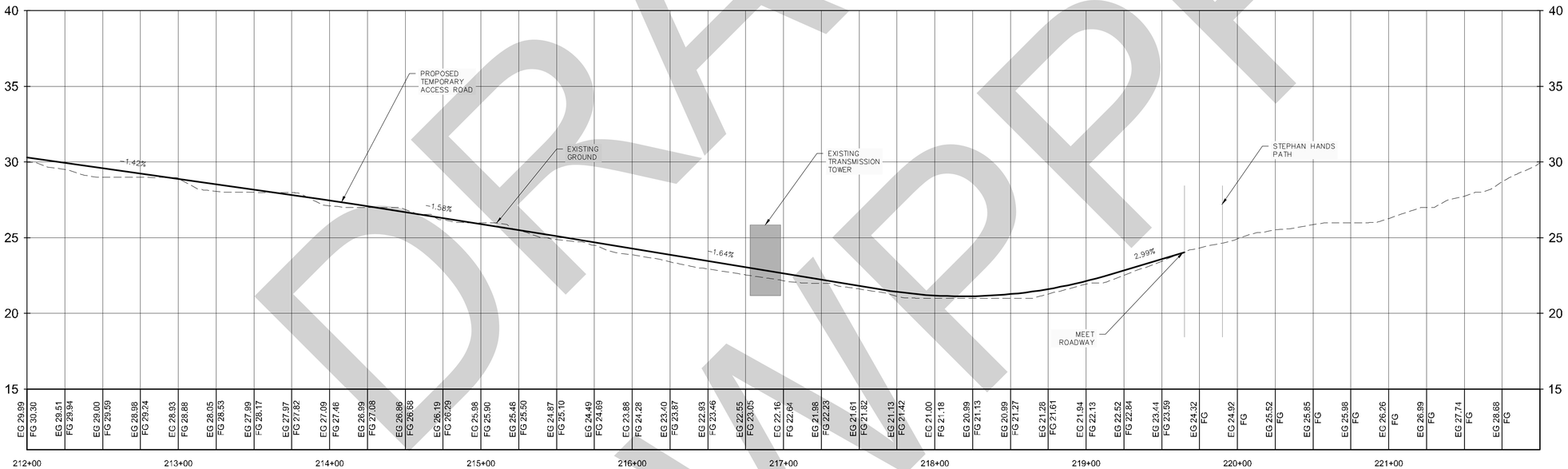
LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH




## ACCESS ROAD - 19
## STA. RT 212+00 TO RT 222+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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SWPPP

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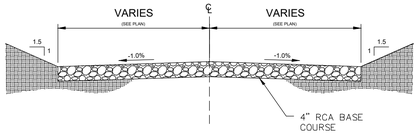
| DWN. BY: | DC |
| CHK'D BY: | RS |
| DATE: | OCTOBER 2021 |
| JOB No.: | 16160 |
| CADD: | 00_BMP_AC_ROAD_3.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 19
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-19

SHEET: 22 OF 28




TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

LEGEND

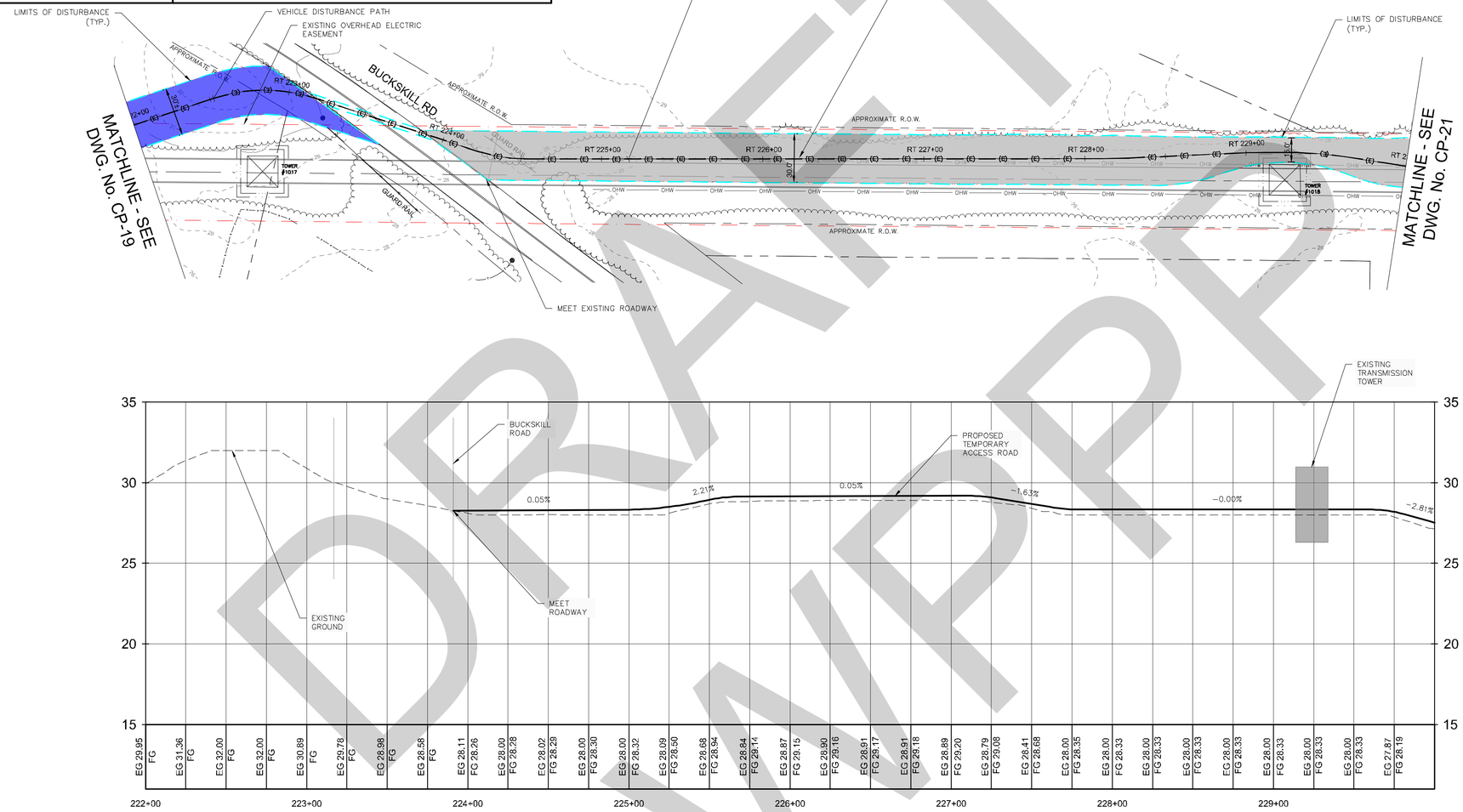
- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 INCH = 40 FEET

NORTH




## ACCESS ROAD - 20
## STA. RT 222+00 TO RT 230+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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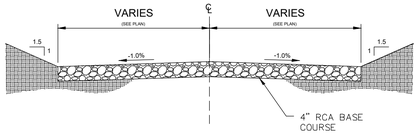
| DATE: | OCTOBER 2021 |
| JOB No.: | 16160 |
| CADD: | 16160_BMP_AC_ROAD_4.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 20
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-20

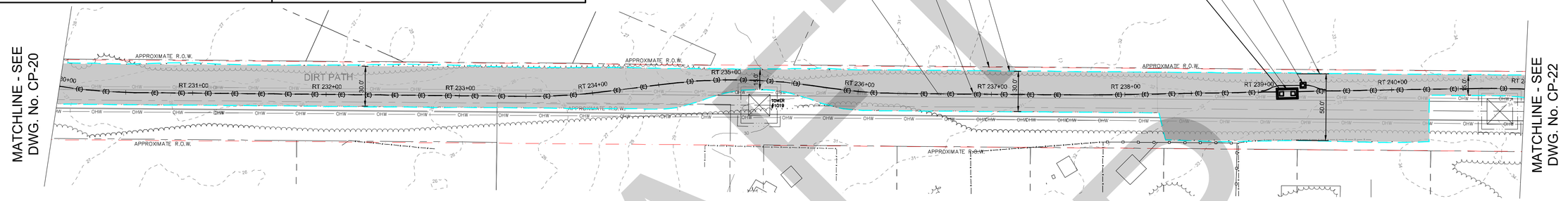
SHEET: 23 OF 28

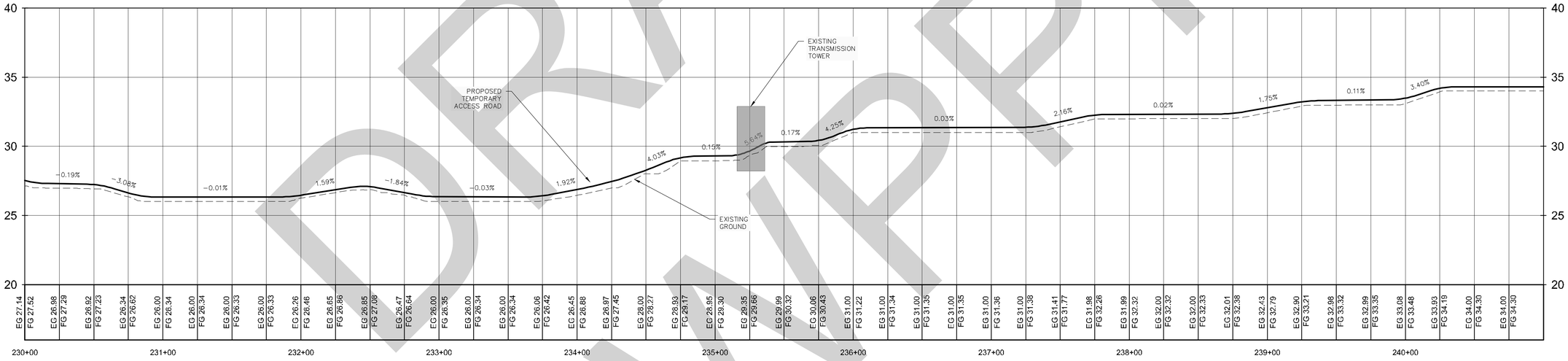



TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE




# ACCESS ROAD - 21
# STA. RT 230+00 TO RT 241+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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175 E OLD COUNTRY ROAD
HICKSVILLE, NY 11801

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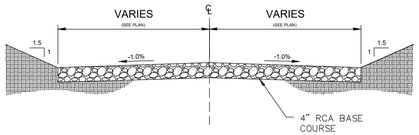
| DWN. BY: | DC |
| CHK'D BY: | RS |
| DATE: | OCTOBER 2021 |
| JOB No.: | 16160 |
| CADD: | 16160_BMP_AC_ROAD_4.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 21
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-21

SHEET: 24 OF 28




TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

LEGEND

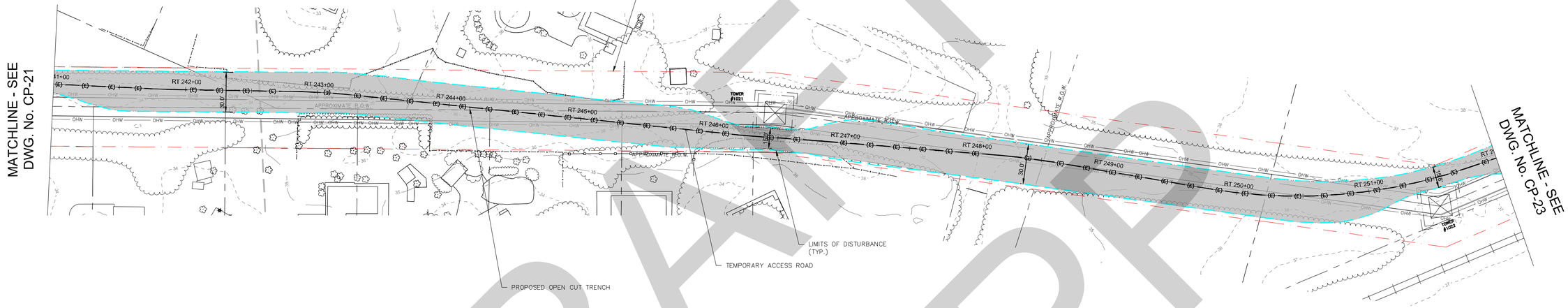
- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

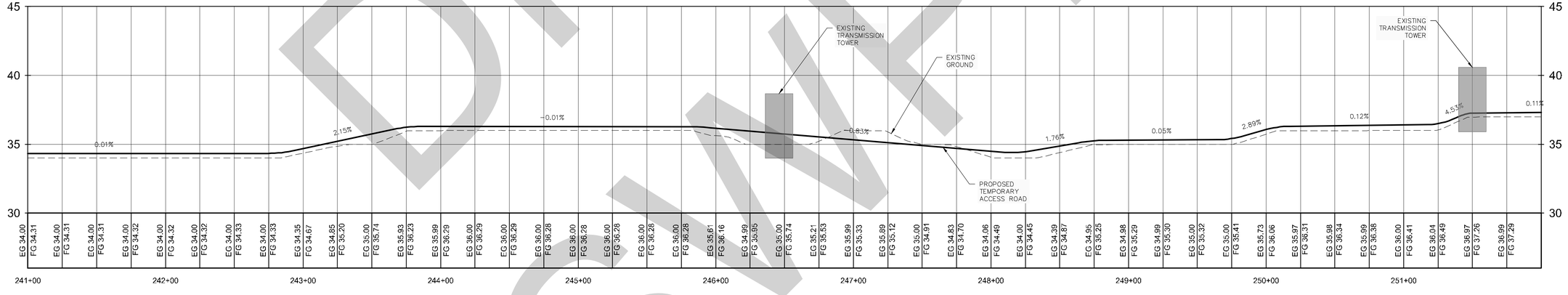
GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 INCH = 40 FEET

NORTH




## ACCESS ROAD – 22
## STA. RT 241+00 TO RT 252+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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NOT FOR CONSTRUCTION

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175 E OLD COUNTRY ROAD
HICKSVILLE, NY 11801

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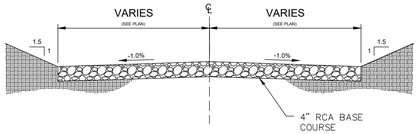
| DWN. BY: | DC |
| CHK'D BY: | RS |
| DATE: | OCTOBER 2021 |
| JOB No.: | 16160 |
| CADD: | 0_BMP_AC_ROAD_4.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 22
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-22

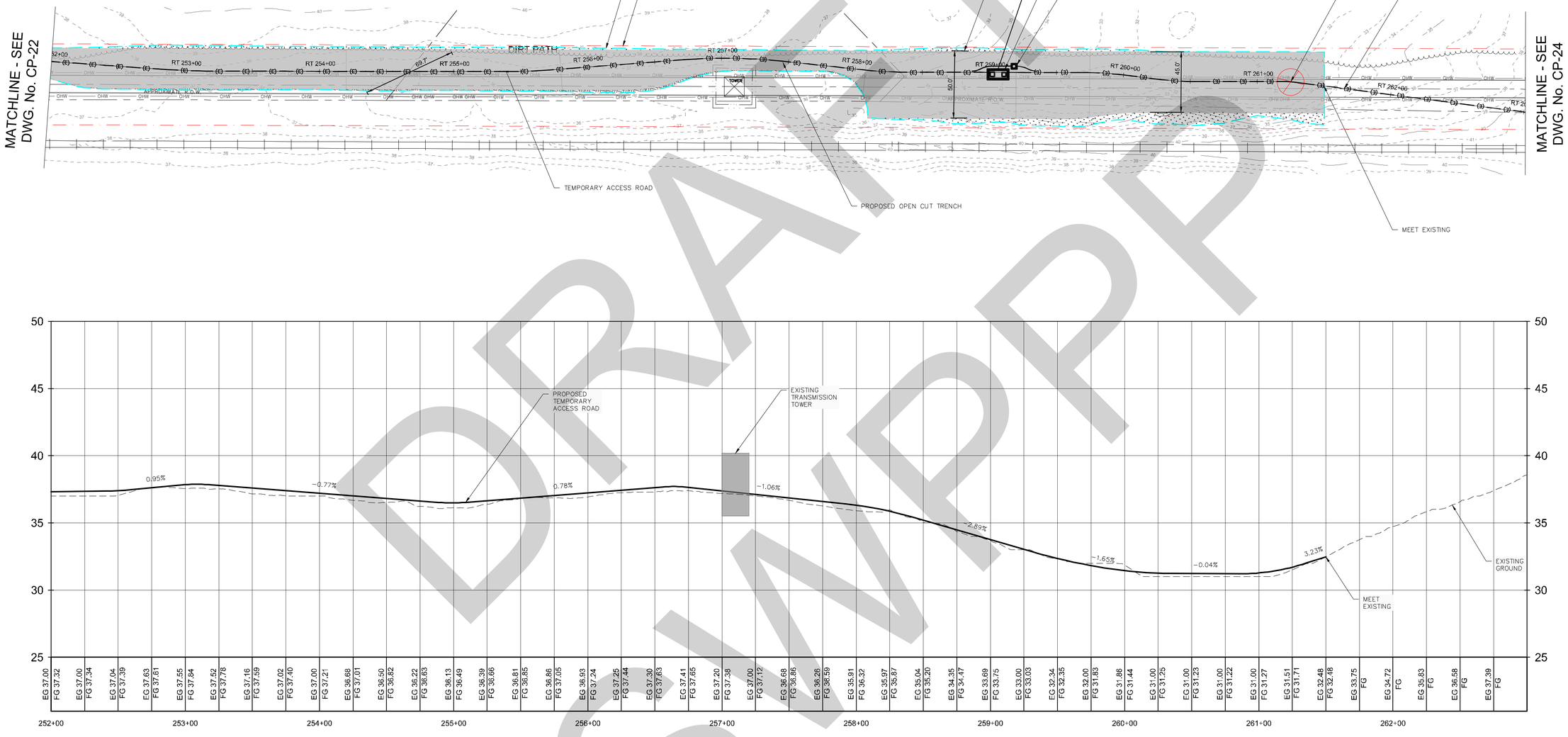
SHEET: 25 OF 28




TYPICAL ACCESS ROAD SECTION
NOT TO SCALE

LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE




## ACCESS ROAD - 23
## STA. RT 252+00 TO RT 263+00

HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

| No. | DATE | REVISION | BY: |
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175 E OLD COUNTRY ROAD
HICKSVILLE, NY 11801

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|---|---|
| DWN. BY: | DC |
| CHK'D BY: | RS |
| DATE: | OCTOBER 2021 |
| JOB No.: | 16160 |
| CAD ID: | C:\...\00_BMP_AC_ROAD_4.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 23
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-23
SHEET: 26 OF 28

DRAFT SWPPP

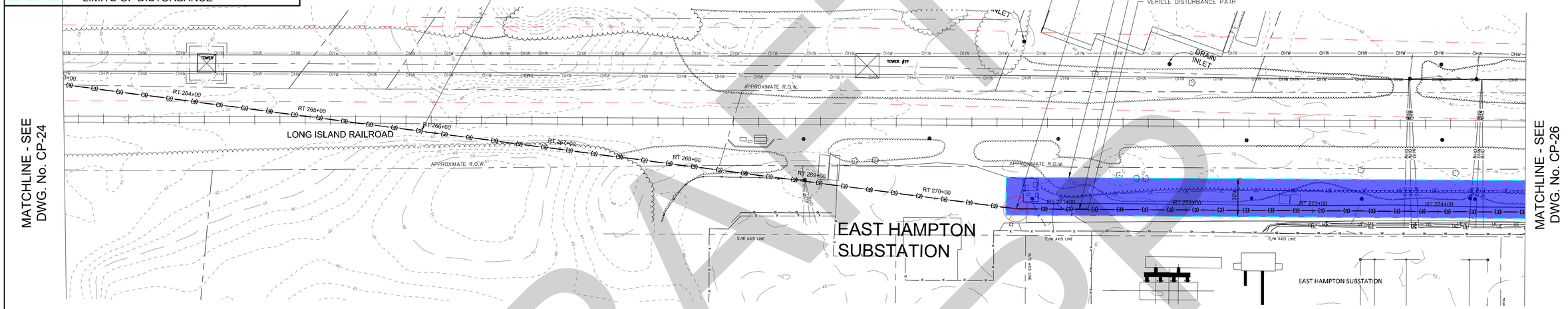
LEGEND

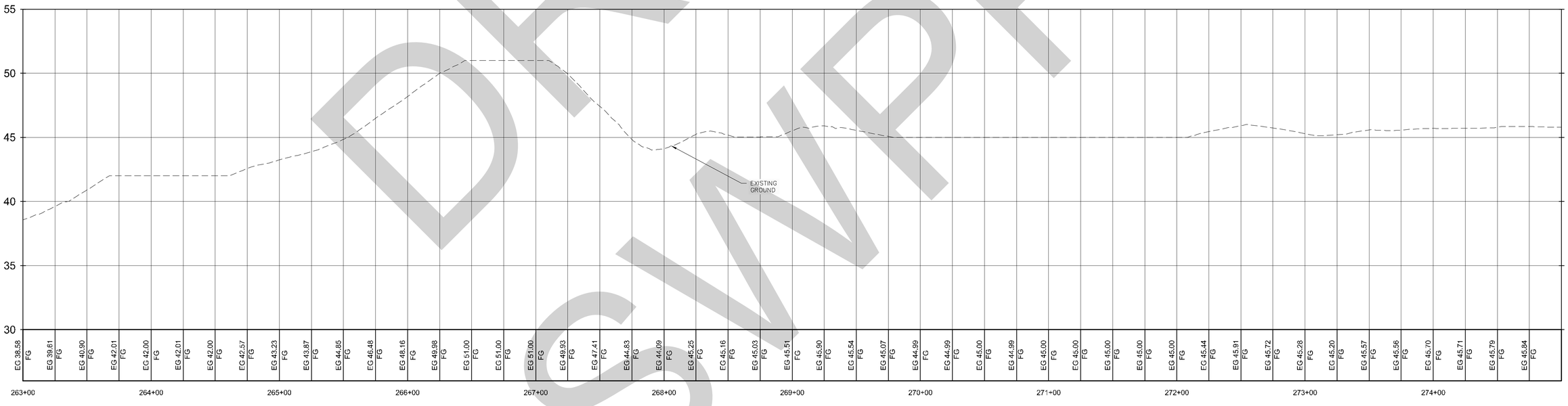
- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

# ACCESS ROAD - 24
## STA. RT 263+00 TO RT 275+00
HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH

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engineers • architects • surveyors
70 Maxess Road, Melville, NY 11747 • 631.427.5665 • nelsonpope.com

CLIENT:
PSEG LONG ISLAND
175 E OLD COUNTRY ROAD
HICKSVILLE, NY 11801

| | |
|---|---|
| DWN. BY: | DC |
| CHK'D BY: | RS |
| DATE: | OCTOBER 2021 |
| JOB No.: | 16160 |
| CADD: | 0_BMP_AC_ROAD_4.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 24
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

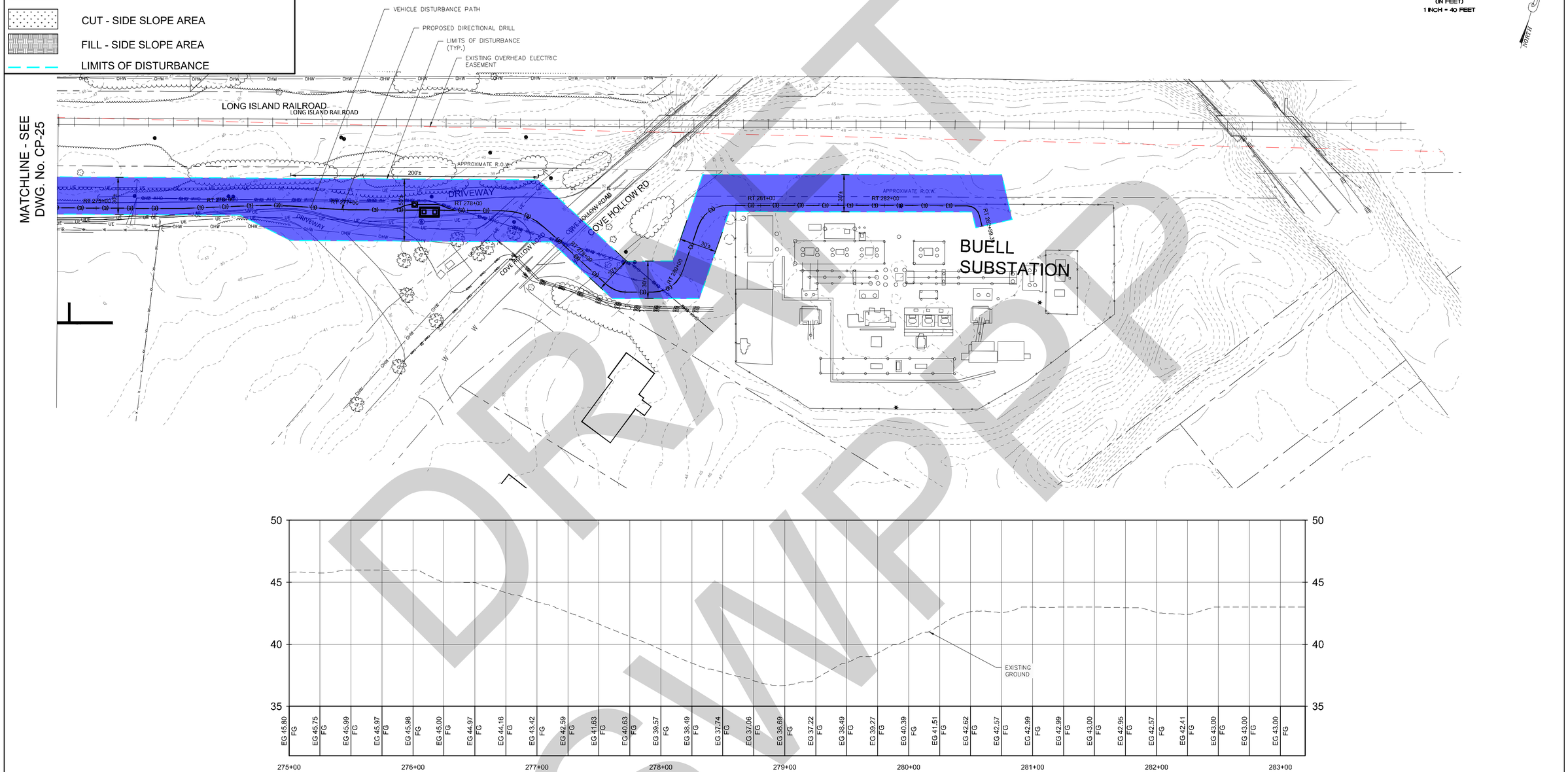
DRAWING NUMBER:
CP-24
SHEET: 27 OF 28

LEGEND

- PROPOSED TEMPORARY ACCESS ROAD
- VEHICLE DISTURBANCE PATH
- CUT - SIDE SLOPE AREA
- FILL - SIDE SLOPE AREA
- LIMITS OF DISTURBANCE

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FEET

NORTH







## ACCESS ROAD – 25
## STA. RT 275+00 TO RT 283+20
HORIZONTAL SCALE: 1" = 40'
VERTICALL SCALE: 1" = 4'

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| SCALE: | AS SHOWN |

DRAWING TITLE:
CONSTRUCTION PLAN - 25
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
CP-25
SHEET: 28 OF 28

DRAFT SWPPP

# ATTACHMENT 4

# EROSION CONTROL PLANS

# EROSION CONTROL PLAN

FOR

# PSEG LONG ISLAND

## BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE

## BRIDGEHAMPTON AND EAST HAMPTON

## SUFFOLK COUNTY, NEW YORK

DRAFT SWPPP

## INDEX


| SHEET | DRAWING No. | DESCRIPTION |
|---|---|---|
| 1 | COV-1 | TITLE, KEY MAP, INDEX |
| 2 | DET-1 | MISCELLANEOUS DETAILS |
| 3 | DET-2 | MISCELLANEOUS DETAILS |
| 5-14 | ECP-1 THRU ECP-10 | EROSION CONTROL PLANS-1 THRU 10 |

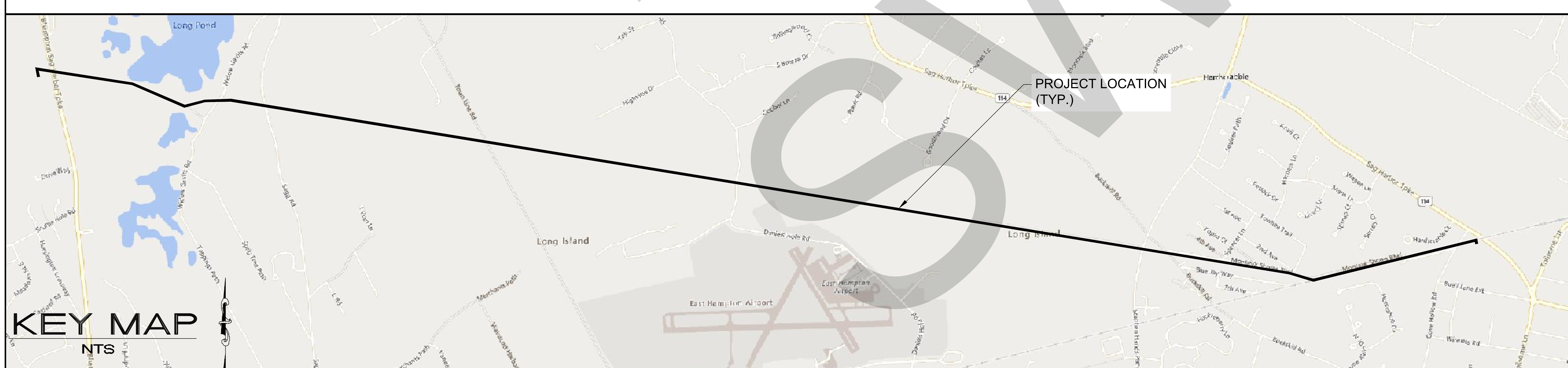

## DESIGN SPECIFICATIONS:

1 DESIGN SPECIFICATION: "NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) CONSTRUCTION AND MATERIALS", OFFICE OF ENGINEERING, WITH CURRENT ADDITIONS AND MODIFICATIONS.

2 "NEW YORK STATE DEPARTMENT OF TRANSPORTATION HIGHWAY DESIGN MANUAL" VOLUMES I AND II, LATEST EDITION.

3 "AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS", LATEST EDITION.

4 "FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS", AND THE NEW YORK STATE SUPPLEMENT, LATEST EDITION.




KEY MAP
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| DWN. BY: | DC |
| CHK'D BY: | TK |
| DATE: | MARCH 2022 |
| JOB No.: | 16160 |
| CADD: | 16160_COVER |
| SCALE: | NONE |
| DRAWING NUMBER: | COV-1 |
| SHEET: | 1 OF 13 |

| No. | DATE | REVISION | BY: |
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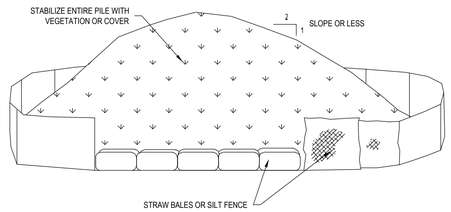
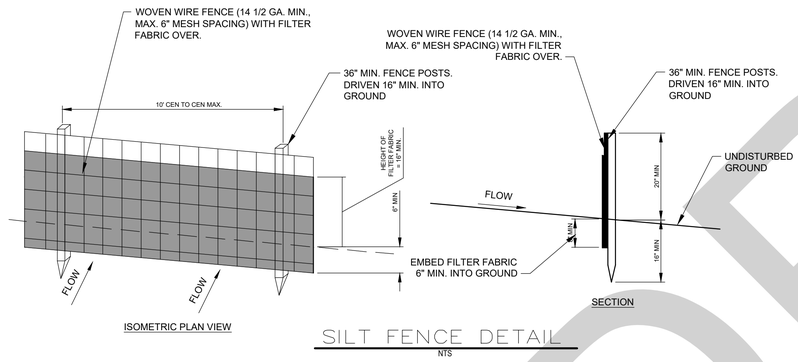
NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1.
3. UPON COMPLETION OF SOIL STOCKPLING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAW BALES, THEN STABILIZED WITH VEGETATION OR COVERED.
4. WHEN SOIL STOCKPILE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES 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.




TO BE USED WHERE TOPSOIL IS NECESSARY FOR REGRADING AND VEGETATING DISTURBED AREAS. TEMPORARY STOCKPILE STABILIZATION MEASURES INCLUDE VEGETATIVE COVER, MULCH, NONVEGETATIVE COVER, AND PERIPHERAL SEDIMENT TRAPPING BARRIERS. THE STABILIZATION MEASURE(S) SELECTED SHOULD BE APPROPRIATE FOR THE TIME OF YEAR, SITE CONDITIONS, AND REQUIRED PERIOD OF USE.

## SOIL STOCKPILE
NTS

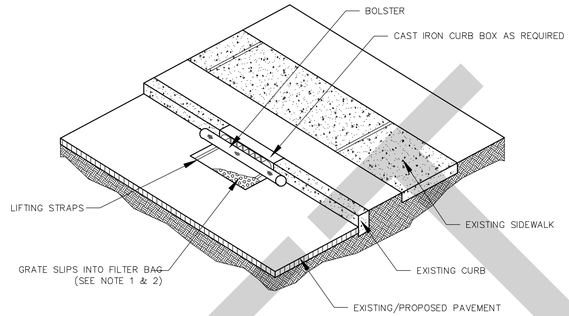


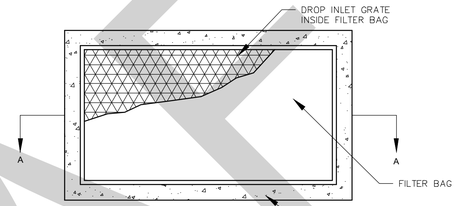

## SILT FENCE DETAIL
NTS

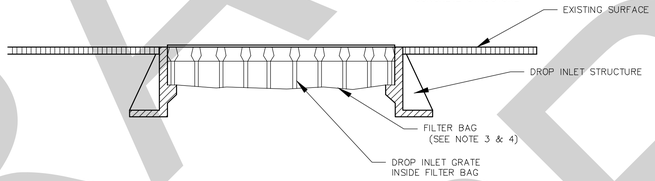
NOTES
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD.
6. FENCE: WOVEN WIRE, 14 1/2 GA. 6" MAX.MESH OPENING.
7. FILTER CLOTH SHALL BE A WOVEN GEOTEXTILE COMPOSED OF POLYPROPYLENE CONFORMING TO AASHTO M288.

### EROSION CONTROL NOTES

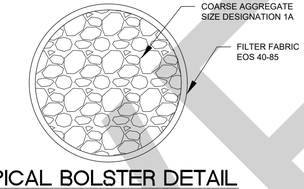
1. A - EXISTING VEGETATION TO REMAIN SHALL BE PROTECTED AND REMAIN UNDISTURBED.
   B - SEDIMENT SHALL BE TRAPPED ON-SITE.
2. SPECIFIC METHODS AND MATERIALS EMPLOYED IN THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES SHALL CONFORM TO THE NEW YORK GUIDELINES FOR EROSION AND SEDIMENT CONTROL, LATEST EDITION.
3. SEDIMENT BARRIERS SHALL BE INSTALLED AS REQUIRED ALONG LIMITS OF DISTURBANCE FOR THE DURATION OF THE WORK. NO SEDIMENT FROM THE SITE SHALL BE PERMITTED TO WASH ON TO ADJACENT PROPERTIES, WETLANDS OR ROADS.
4. GRADED AND STRIPPED AREAS AND STOCKPILES SHALL BE KEPT STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AS REQUIRED. SEED MIXTURE SHALL BE IN ACCORDANCE WITH SOIL CONSERVATION SERVICE RECOMMENDATIONS.
5. DRAINAGE INLETS INSTALLED AS PART OF THE PROJECT SHALL BE PROTECTED FROM SEDIMENT BUILD-UP THROUGH THE USE OF SEDIMENT BARRIERS, SEDIMENT TRAPS, ETC., AS REQUIRED.
6. INSPECTION AND MAINTENANCE OF EROSION CONTROL MEASURES IS TO BE PERFORMED DAILY BY CONTRACTOR PRIOR TO THE START OF CONSTRUCTION FOR THE DAY AND AFTER HEAVY OR PROLONGED STORMS. MAINTENANCE MEASURES INCLUDE, BUT NOT LIMITED TO, CLEANING OF SEDIMENT BASINS OR TRAPS, CLEAING OR REPAIR OF SEDIMENT BARRIERS, CLEANING AND REPAIR OF BERMS AND DIVERSIONS, AND CLEANING AND REPAIR OF OF INLET PROTECTION.
7. APPROPRIATE MEANS SHALL BE USED TO CONTROL DUST DURING CONSTRUCTION.
8. SEDIMENT BARRIERS AND OTHER EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL UPLAND DISTURBED AREAS ARE PERMANENTLY STABILIZED. AFTER PERMANENT STABILIZATION, PAVED AREAS SHALL BE CLEANED AND DRAINAGE SYSTEM FLUSHED AS NECESSARY.
9. DURING THE COURSE OF CONSTRUCTION, CERTAIN EROSION AND SEDIMENT CONTROL MEASURES MAY BECOME NECESSARY TO PREVENT THE TRANSPORT OF SEDIMENT TO OFF-SITE AREAS, PONDS, WATER COURSES, DRAINAGE INLETS, RECHARGE BASINS, ETC. ACTUAL EROSION CONTROL MEASURES WILL BE DICTATED BY FIELD CONDITIONS AS CONSTRUCTION PROGRESSES BUT THE GENERAL CONDITIONS IN NOTES 1 THROUGH 8 SHALL BE OBSERVED




SECTION A–A




## TYPICAL BOLSTER DETAIL

## TEMPORARY SEDIMENT FILTER BAGS
NTS

CONSTRUCTION SPECIFICATIONS

1. MAINTENANCE: WITH A STIFF BRISTLE BROOM, SWEEP SILT AND OTHER DEBRIS OFF SURFACE AFTER EACH EVENT.

2. INSTALLATION:

A. STAND GRATE ON END
B. SLIDE THE SILT BAG ON WITH THE DAM ON TOP OF THE GRATE PULL ALL EXCESS DOWN
C. LAY THE UNIT ON ITS SIDE AND CAREFULLY TUCK THE FLAP IN
D. PRESS THE VELCRO STRIPS TOGETHER
E. INSTALL THE UNIT MAKING SURE THE FRONT EDGE OF GRATE IS INSERTED IN THE FRAME FIRST THEN LOWER IT BACK IN PLACE
F. PRESS THE VELCRO DOTS THAT ARE LOCATED UNDER THE LIFTING STRAPS TOGETHER, THIS INSURES THAT THE STRAPS REMAIN FLUSH WITH THE GUTTER

3. INSTALLATION:

A. STAND GRATE ON END
B. PLACE THE SILT BAG OVER GRATE
C. FLIP THE GRATE OVER SO THAT THE OPEN END IS UP
D. PULL UP THE SLACK AND TUCK THE FLAP IN
E. BE SURE THAT THE END OF THE GRATE IS COMPLETELY COVERED BY THE FLAP OR THE DANDY BAY WILL NOT FIT PROPERLY.
F. WHILE HOLDING THE HANDLES, CAREFULLY PLACE DANDY BAG WITH THE GRATE INSERTED INTO THE CATCH BASIN FRAME SO THAT THE RED DOT ON THE TOP OF THE DANDY BAG IS VISIBLE.

MAINTENANCE: AFTER THE SILT HAS DRIED, REMOVE IT FROM THE SURFACE OF THE SILT BAG WITH A BROOM.

4. PRIOR AND/OR DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL COMPLY WITH ALL ADDITIONAL MEASURES DEEMED NECESSARY BY THE ENGINEER AND SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL DEVICES.

5. ALL DEBRIS OR EXCESS MATERIALS FROM CONSTRUCTION OF THIS PROJECT SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM THE PROJECT AREA.

6. ALL INLET SEDIMENT CONTROL DEVICES AT EACH LOCATION SHALL BE INSTALLED PRIOR TO COMMENCING ANY PAVEMENT WORK IN THAT LOCATION OR AS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENT CONTROLS AND REMOVE COLLECTED SEDIMENT ON A WEEKLY BASIS OR AS DIRECTED BY THE ENGINEER. COLLECTED MATERIAL SHALL BE DISPOSED OF PROPERLY TO AN OFF-SITE LOCATION AS DIRECTED BY THE ENGINEER.

7. ALL SEDIMENT CONTROL DEVICES SHALL BE REMOVED FROM THE SITE AFTER CONSTRUCTION IS COMPLETED.

## DUST CONTROL NOTES

**DEFINITION**
THE CONTROL OF DUST RESULTING FROM LAND-DISTURBING ACTIVITIES.

**PURPOSE**
TO PREVENT SURFACE AND AIR MOVEMENT OF DUST FROM DISTURBED SOIL SURFACES THAT MAY CAUSE OFF-SITE DAMAGE, HEALTH HAZARDS AND TRAFFIC SAFETY PROBLEMS.

**CONDITIONS WHERE PRACTICE APPLIES**
ON CONSTRUCTION ROADS, ACCESS POINTS, AND OTHER DISTURBED AREAS SUBJECT TO SURFACE DUST MOVEMENT AND DUST BLOWING WHERE OFF-SITE DAMAGE MAY OCCUR IF DUST IS NOT CONTROLLED.

**DESIGN CRITERIA**
CONSTRUCTION OPERATIONS SHOULD BE SCHEDULED TO MINIMIZE THE AMOUNT OF AREA DISTURBED AT ONE TIME. BUFFER AREAS OF VEGETATION SHOULD BE LEFT WHERE PRACTICAL. TEMPORARY OR PERMANENT STABILIZATION MEASURES SHOULD BE INSTALLED. NO SPECIFIC DESIGN CRITERIA ARE GIVEN; SEE CONSTRUCTION SPECIFICATIONS BELOW FOR COMMON METHODS OF DUST CONTROL.

WATER QUALITY MUST BE CONSIDERED WHEN MATERIALS ARE SELECTED FOR DUST CONTROL. WHERE THERE IS POTENTIAL FOR THE MATERIAL TO WASH OFF TO A STREAM OR WATER BODY, INGREDIENT INFORMATION MUST BE PROVIDED TO THE LOCAL PERMITTING AUTHORITY.

**CONSTRUCTION SPECIFICATIONS**

A. NON-DRIVING AREAS - THESE AREAS USE PRODUCTS AND MATERIALS APPLIED OR PLACED ON SOIL SURFACES TO PREVENT AIRBORNE MIGRATION OF SOIL PARTICLES.

VEGETATIVE COVER - FOR DISTURBED AREAS NOT SUBJECT TO TRAFFIC; VEGETATION PROVIDES THE MOST PRACTICAL METHOD OF DUST CONTROL. TEMPORARY SEEDING SHALL BE AS FOLLOWS:

RYE GRASS (ANNUAL OR PERENNIAL) AT 30 LBS. PER ACRE (0.7 LBS./1,000 S.F.)

CERTIFIED "AROOSTOOK" WINTER RYE (CEREAL RYE) AT 100 LBS. PER ACRE (2.5 LBS./S.F.)

USE WINTER RYE IF SEEDING IN OCTOBER / NOVEMBER.

MULCH (INCLUDING GRAVEL MULCH) - MULCH OFFERS A FAST, EFFECTIVE MEANS OF CONTROLLING DUST. THIS CAN ALSO INCLUDE ROLLED EROSION CONTROL BLANKETS.

SPRAY ADHESIVES - THESE ARE PRODUCTS GENERALLY COMPOSED OF POLYMERS IN A LIQUID OR SOLID FORM THAT ARE MIXED WITH WATER TO FORM AN EMULSION THAT IS SPRAYED ON THE SOIL SURFACE WITH TYPICAL HYDROSEEDING EQUIPMENT. THE MIXING RATIOS AND APPLICATION RATES WILL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR THE SPECIFIC SOILS ON THE SITE. IN NO CASE SHOULD THE APPLICATION OF THESE ADHESIVES BE MADE ON WET SOILS OR IF THERE IS A PROBABILITY OF PRECIPITATION WITHIN 48 HOURS OF ITS PROPOSED USE. MATERIAL SAFETY DATA SHEETS WILL BE PROVIDED TO ALL APPLICATORS AND OTHERS WORKING WITH THE MATERIAL.

EXAMPLES OF SPRAY ADHESIVES FOR USE ON MINERAL SOILS ARE SHOWN IN THE FOLLOWING TABLE.

| MATERIAL | WATER DILUTION | TYPE OF NOZZLE | APPLY GALLONS ACRE |
|---|---|---|---|
| ACRYLIC POLYMER | 9:1 | COURSE SPRAY | 500 |
| LATEX EMULSION | 12.5:1 | FINE SPRAY | 235 |
| RESIN IN WATER | 4:1 | FINE SPRAY | 300 |

B. DRIVING AREAS - THESE AREAS UTILIZE WATER, POLYMER EMULSIONS AND BARRIERS TO PREVENT DUST MOVEMENT FROM THE TRAFFIC SURFACE INTO THE AIR.

SPRINKLING - THIS SITE MAY BE SPRAYED UNTIL THE SURFACE IS WET. THIS IS ESPECIALLY EFFECTIVE ON HAUL ROADS AND ACCESS ROUTES.

POLYMER ADDITIVES - THESE POLYMERS ARE MIXED WITH WATER AND APPLIED TO THE DRIVING SURFACE BY A WATER TRUCK WITH A GRAVITY FEED DRIP BAR, SPRAY BAR OR AUTOMATED DISTRIBUTOR TRUCK. THE MIXING RATIOS AND APPLICATION RATES WILL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. INCORPORATION OF THE EMULSION INTO THE SOIL WILL BE DONE TO THE APPROPRIATE DEPTH BASED ON EXPECTED TRAFFIC. COMPACTION AFTER INCORPORATION WILL BE BY VIBRATORY ROLLER TO A MINIMUM OF 95%. THE PREPARED SURFACE SHALL BE MOIST AND NO APPLICATION OF THE POLYMER WILL BE MADE IF THERE IS A PROBABILITY OF PRECIPITATION WITHIN 48 HOURS OF ITS PROPOSED USE. MATERIAL SAFETY DATA SHEETS WILL BE PROVIDED TO ALL APPLICATORS WORKING WITH THE MATERIAL.

BARRIERS - WOVEN GEOTEXTILES CAN BE PLACED ON THE DRIVING SURFACE TO EFFECTIVELY REDUCE DUST THROW AND PARTICLE MIGRATION ON HAUL ROADS. STONE CAN ALSO BE USED FOR CONSTRUCTION ROADS FOR EFFECTIVE DUST CONTROL.

WINDBREAK - A SILT FENCE OR SIMILAR BARRIER CAN CONTROL AIR CURRENTS AT INTERVALS EQUAL TO TEN TIMES THE BARRIER HEIGHT. PRESERVE EXISTING WIND BARRIER VEGETATION AS MUCH AS PRACTICAL.

**MAINTENANCE**
MAINTAIN DUST CONTROL MEASURES THROUGH DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS ARE STABILIZED.

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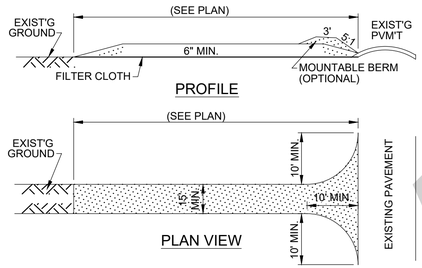
| SCALE: | AS SHOWN |

DRAWING TITLE:
MISCELLANEOUS DETAILS - 1
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
DET-1

SHEET: 2 OF 13

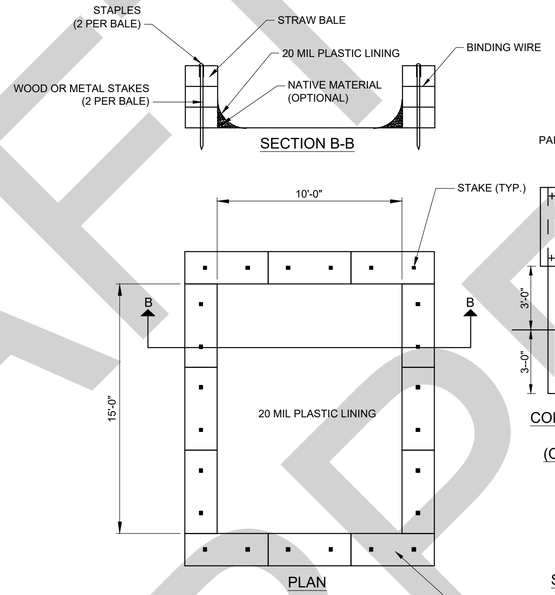



## STABILIZED CONSTRUCTION ACCESS DRIVEWAY

NTS

## CONSTRUCTION NOTES:

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - SEE PLAN
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - FIFTEEN (15) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

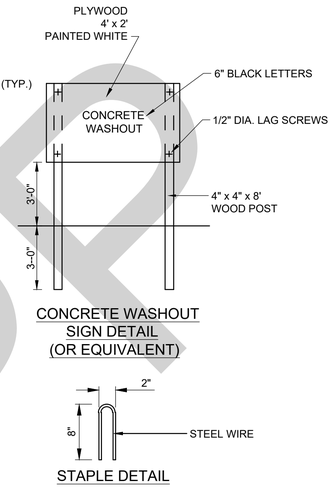



## TEMPORARY STRAW BALE CONCRETE WASHOUT DETAIL

NOT TO SCALE

NOTES:

1. WASHOUT AREA SHALL BE A MINIMUM OF 50' FROM STORM DRAIN INLETS, OPEN DRAINAGE FACILITIES AND WATER COURSES.
2. ONCE CONCRETE WASTES ARE WASHED INTO DESIGNATED AREAS AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, COUNTY, AND STATE REGULATIONS.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 20' OF TEMPORARY WASHOUT FACILITY.

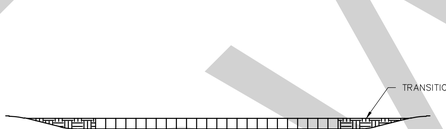



## CONCRETE WASHOUT SIGN DETAIL (OR EQUIVALENT)

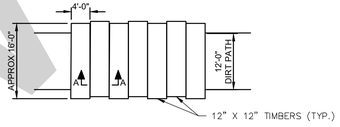



## STAPLE DETAIL

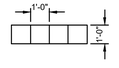
STANDARD SYMBOL




**TYPICAL SECTION VIEW**




**TYPICAL PLAN VIEW**




**SECTION A-A**
**TYPICAL MAT SECTION**

## TIMBER MAT DETAIL

NTS

## GENERAL NOTES:

1. STRIP EXISTING TOPSOIL WITHIN THE PROJECT LIMITS AND AREAS TO RECEIVE FILL. STOCKPILE TOPSOIL FOR REFUSE, EXCESS TOPSOIL TO BE REMOVED FROM SITE.
2. ALL SLOPES SHALL BE A MAX. 1:3 SLOPE.
3. CONTRACTOR SHALL VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION AT LEAST 72 HOURS PRIOR TO CONDUCTING ANY EARTH MOVING ACTIVITIES.
4. CONTRACTOR IS RESPONSIBLE FOR FINAL GRADE OF ROAD SURFACING.
5. ELEVATIONS SHOWN ARE FINAL GRADE (TOP OF GRAVEL SURFACE).
6. ALL DISTURBED AREAS SHALL BE SEEDED IN ACCORDANCE WITH THE SPECIFICATIONS.
7. PLACE TOPSOIL AT A MINIMUM OF 4" IN DEPTH
8. THE SITE SHALL BE GRADED SO THAT IT WILL NOT IMPEDE THE EXISTING SURFACE FLOW OF WATER.
9. CONTRACTOR SHALL TAKE CARE TO NOT DISTURB OR DAMAGE EXISTING UNDERGROUND UTILITIES OR MANHOLES.
10. AFTER COMPLETION OF UTILITY LINE CONSTRUCTION ACCESS ROAD SHALL BE NARROWED TO 15', ABANDONED ROAD AREA SHALL HAVE ROCK SURFACING REMOVED AND SEEDED.

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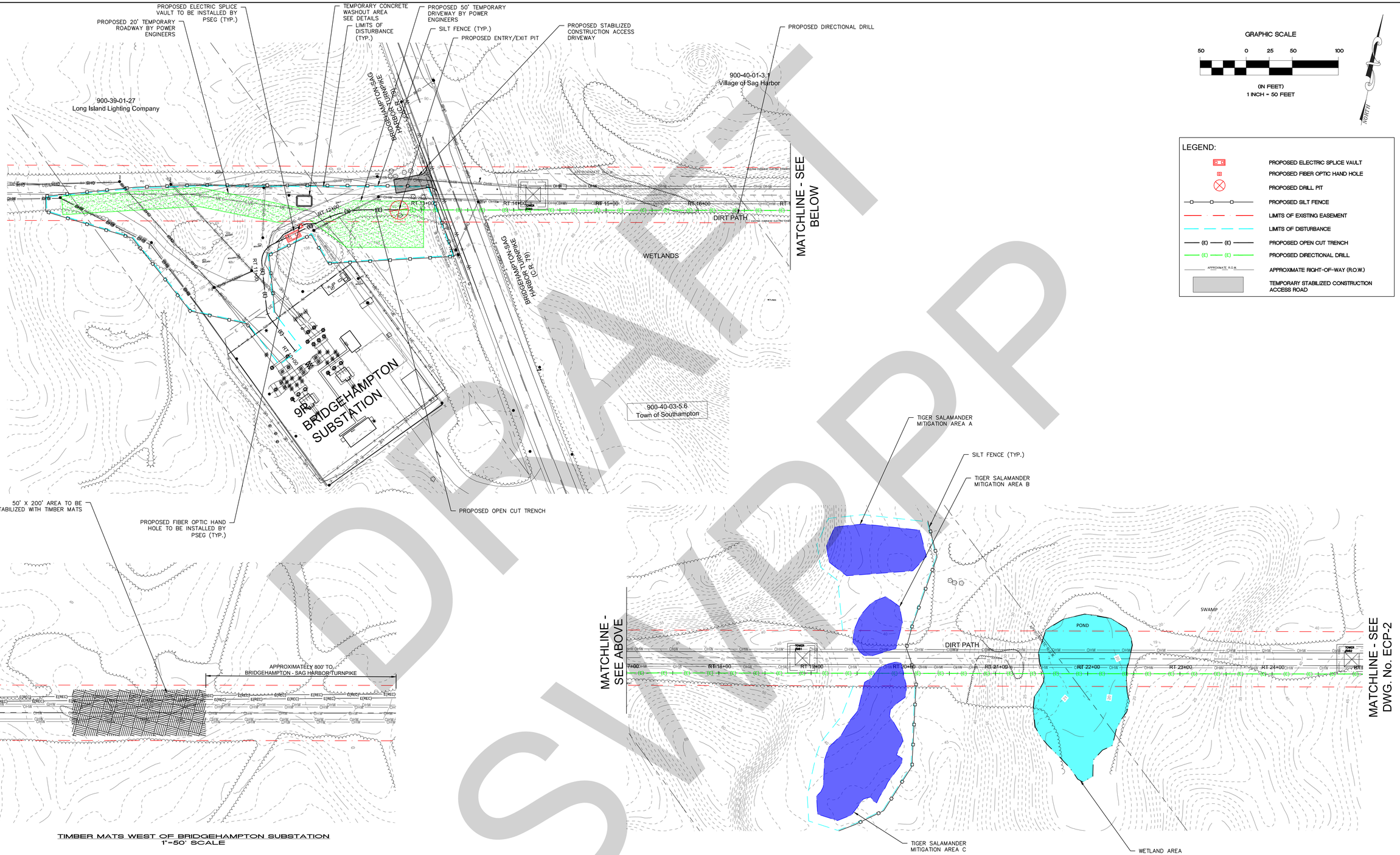
DRAWING TITLE:
MISCELLANEOUS DETAILS - 2
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
DET-2

SHEET: 3 OF 13




TIMBER MATS WEST OF BRIDGEHAMPTON SUBSTATION
1"=50' SCALE

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 INCH = 50 FEET

NORTH

LEGEND:

- PROPOSED ELECTRIC SPLICE VAULT
- PROPOSED FIBER OPTIC HAND HOLE
- PROPOSED DRILL PIT
- PROPOSED SILT FENCE
- LIMITS OF EXISTING EASEMENT
- LIMITS OF DISTURBANCE
- PROPOSED OPEN CUT TRENCH
- PROPOSED DIRECTIONAL DRILL
- APPROXIMATE RIGHT-OF-WAY (R.O.W.)
- TEMPORARY STABILIZED CONSTRUCTION ACCESS ROAD

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DRAWING TITLE:
# EROSION CONTROL PLAN - 1
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE

BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
ECP-1

SHEET: 4 OF 13

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PDF SWPP

MATCHLINE - SEE DWG. No. ECP-1

DIRT PATH

RT 26+00 RT 27+00 RT 28+00 RT 29+00 RT 30+00 RT 31+00 RT 32+00 RT 33+00 RT 34+00 RT 35+00 RT 36+00 RT 37+00

APPROXIMATE R.O.W.

SWAMP

WETLANDS

PROPOSED DIRECTIONAL DRILL

MATCHLINE - SEE BELOW

MATCHLINE - SEE ABOVE

RT 39+00

50' X 200' AREA TO BE STABILIZED WITH TIMBER MATS

SILT FENCE (TYP.)

LIMITS OF DISTURBANCE (TYP.)

PROPOSED ELECTRIC SPLICE VAULT TO BE INSTALLED BY PSEG (TYP.)

PROPOSED FIBER OPTIC HAND HOLE TO BE INSTALLED BY PSEG (TYP.)

TIMBER MATS (SEE DETAIL)

DIRT PATH

RT 41+00 RT 42+00 RT 43+00 RT 44+00 RT 45+00 RT 46+00 RT 47+00 RT 48+00 RT 49+00 RT 50+00 RT 51+00 RT 52+00

WIDOW GAVITS RD

LIMITS OF DISTURBANCE (TYP.)

SILT FENCE (TYP.)

PROPOSED ENTRY/EXIT PIT

TEMPORARY ACCESS ROAD

PROPOSED OPEN CUT TRENCH

MATCHLINE - SEE DWG. No. ECP-3

LEGEND:

- PROPOSED ELECTRIC SPLICE VAULT
- PROPOSED FIBER OPTIC HAND HOLE
- PROPOSED DRILL PIT
- PROPOSED SILT FENCE
- LIMITS OF EXISTING EASEMENT
- LIMITS OF DISTURBANCE
- (E) (E) PROPOSED OPEN CUT TRENCH
- (E) (E) PROPOSED DIRECTIONAL DRILL
- APPROXIMATE R.O.W. APPROXIMATE RIGHT-OF-WAY (R.O.W.)
- TEMPORARY STABILIZED CONSTRUCTION ACCESS ROAD

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 INCH = 50 FEET

NORTH

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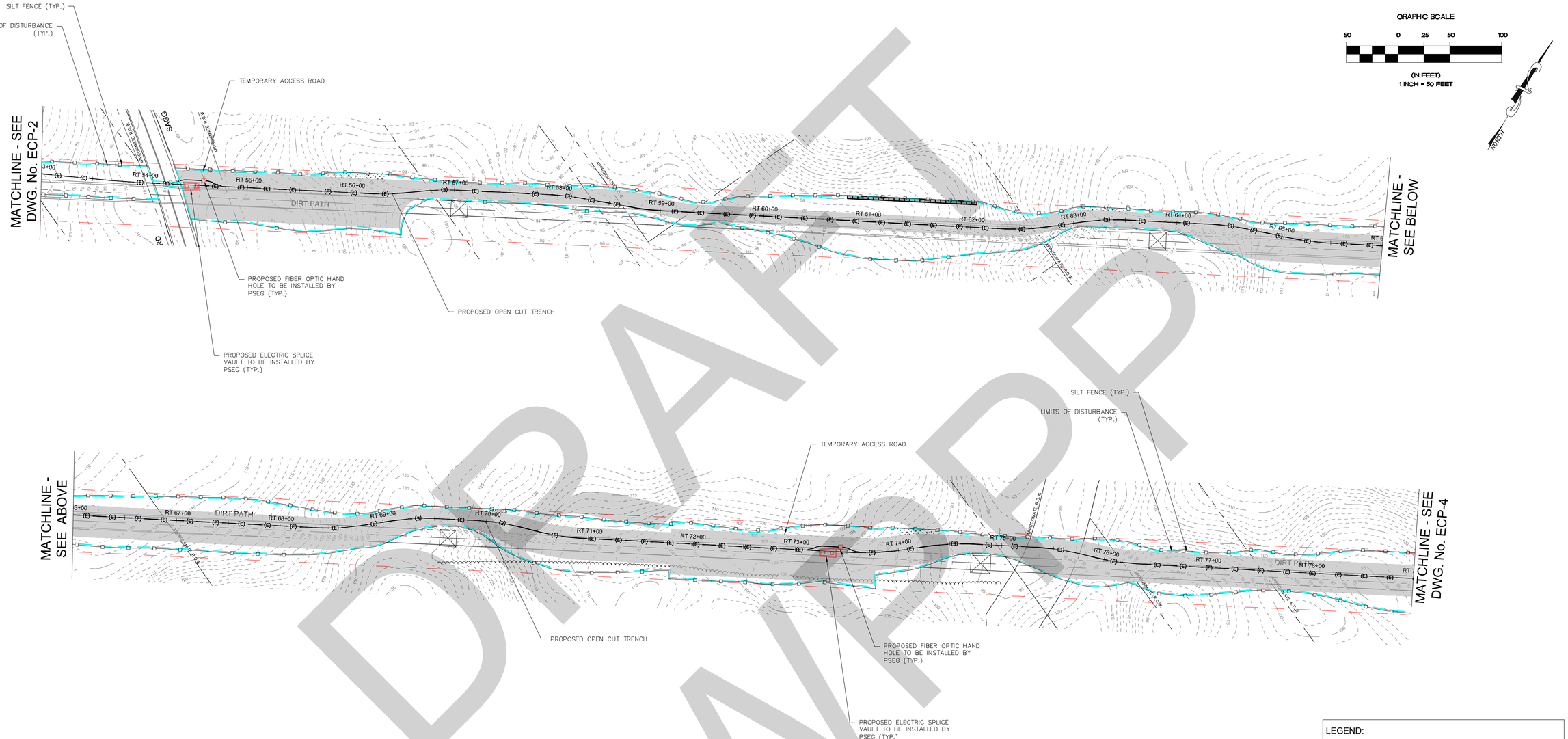
DRAWING TITLE:
# EROSION CONTROL PLAN - 2
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE

BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
ECP-2

SHEET: 5 OF 13




LEGEND:

- PROPOSED ELECTRIC SPLICE VAULT
- PROPOSED FIBER OPTIC HAND HOLE
- PROPOSED DRILL PIT
- PROPOSED SILT FENCE
- LIMITS OF EXISTING EASEMENT
- LIMITS OF DISTURBANCE
- PROPOSED OPEN CUT TRENCH
- PROPOSED DIRECTIONAL DRILL
- APPROXIMATE RIGHT-OF-WAY (R.O.W.)
- TEMPORARY STABILIZED CONSTRUCTION ACCESS ROAD

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DRAWING TITLE:
# EROSION CONTROL PLAN - 3
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE

BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
ECP-3

SHEET: 6 OF 13

LEGEND:

- PROPOSED ELECTRIC SPLICE VAULT
- PROPOSED FIBER OPTIC HAND HOLE
- PROPOSED DRILL PIT
- PROPOSED SILT FENCE
- LIMITS OF EXISTING EASEMENT
- LIMITS OF DISTURBANCE
- (E) — (E) PROPOSED OPEN CUT TRENCH
- (E) — (E) PROPOSED DIRECTIONAL DRILL
- APPROXIMATE R.O.W. APPROXIMATE RIGHT-OF-WAY (R.O.W.)
- TEMPORARY STABILIZED CONSTRUCTION ACCESS ROAD

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 INCH = 50 FEET

NORTH

MATCHLINE - SEE DWG. No. ECP-3

SILT FENCE (TYP.)

LIMITS OF DISTURBANCE (TYP.)

TEMPORARY ACCESS ROAD

PROPOSED OPEN CUT TRENCH

DIRT PATH

MATCHLINE - SEE BELOW

MATCHLINE - SEE ABOVE

TOWN LINE RD

TOWN OF SOUTHAMPTON

TOWN OF EAST HAMPTON

PROPOSED FIBER OPTIC HAND HOLE TO BE INSTALLED BY PSEG (TYP.)

PROPOSED ELECTRIC SPLICE VAULT TO BE INSTALLED BY PSEG (TYP.)

MATCHLINE - SEE DWG. No. ECP-5

MATCHLINE - SEE DWG. No. ECP-4

APPROXIMATE R.O.W.

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DRAWING TITLE:

# EROSION CONTROL PLAN - 4

BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE

BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:

ECP-4

SHEET: 7 OF 13

LEGEND:

- PROPOSED ELECTRIC SPLICE VAULT
- PROPOSED FIBER OPTIC HAND HOLE
- PROPOSED DRILL PIT
- PROPOSED SILT FENCE
- LIMITS OF EXISTING EASEMENT
- LIMITS OF DISTURBANCE
- PROPOSED OPEN CUT TRENCH
- PROPOSED DIRECTIONAL DRILL
- APPROXIMATE RIGHT-OF-WAY (R.O.W.)
- TEMPORARY STABILIZED CONSTRUCTION ACCESS ROAD

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 INCH = 50 FEET

NORTH

MATCHLINE - SEE ABOVE

SILT FENCE (TYP.)

LIMITS OF DISTURBANCE (TYP.)

PROPOSED OPEN CUT TRENCH

DIRT PATH

MATCHLINE - SEE DWG. No. ECP-6

MATCHLINE - SEE DWG. No. ECP-5

TEMPORARY ACCESS ROAD

PROPOSED STABILIZED CONSTRUCTION ACCESS DRIVEWAY

WAINSCOTT

APPROXIMATE R.O.W.

PROPOSED ELECTRIC SPLICE VAULT TO BE INSTALLED BY PSEG (TYP.)

PROPOSED FIBER OPTIC HAND HOLE TO BE INSTALLED BY PSEG (TYP.)

MATCHLINE - SEE BELOW

MATCHLINE - SEE ABOVE

MATCHLINE - SEE DWG. No. ECP-7

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DRAWING TITLE:

# EROSION CONTROL PLAN - 5

BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE

BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:

ECP-5

SHEET: 8 OF 13

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 INCH = 50 FEET

NORTH

MATCHLINE - SEE DWG. No. ECP-6

TEMPORARY ACCESS ROAD

LIMITS OF DISTURBANCE (TYP.)

SILT FENCE (TYP.)

APPROXIMATE R.O.W.

DIRT PATH

PROPOSED OPEN CUT TRENCH

MATCHLINE - SEE BELOW

MATCHLINE - SEE ABOVE

TEMPORARY ACCESS ROAD

LIMITS OF DISTURBANCE (TYP.)

SILT FENCE (TYP.)

APPROXIMATE R.O.W.

PROPOSED OPEN CUT TRENCH

PROPOSED FIBER OPTIC HAND HOLE TO BE INSTALLED BY PSEG (TYP.)

PROPOSED ELECTRIC SPLICE VAULT TO BE INSTALLED BY PSEG (TYP.)

MATCHLINE - SEE DWG. No. ECP-8

LEGEND:

- PROPOSED ELECTRIC SPLICE VAULT
- PROPOSED FIBER OPTIC HAND HOLE
- PROPOSED DRILL PIT
- PROPOSED SILT FENCE
- LIMITS OF EXISTING EASEMENT
- LIMITS OF DISTURBANCE
- PROPOSED OPEN CUT TRENCH
- PROPOSED DIRECTIONAL DRILL
- APPROXIMATE R.O.W. — APPROXIMATE RIGHT-OF-WAY (R.O.W.)
- TEMPORARY STABILIZED CONSTRUCTION ACCESS ROAD

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# EROSION CONTROL PLAN - 6
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
ECP-6

SHEET: 9 OF 13

LEGEND:

- PROPOSED ELECTRIC SPLICE VAULT
- PROPOSED FIBER OPTIC HAND HOLE
- PROPOSED DRILL PIT
- PROPOSED SILT FENCE
- LIMITS OF EXISTING EASEMENT
- LIMITS OF DISTURBANCE
- (E) (E) PROPOSED OPEN CUT TRENCH
- (E) (E) PROPOSED DIRECTIONAL DRILL
- APPROXIMATE R.O.W. APPROXIMATE RIGHT-OF-WAY (R.O.W.)
- TEMPORARY STABILIZED CONSTRUCTION ACCESS ROAD

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 INCH = 50 FEET

NORTH

MATCHLINE - SEE DWG. No. ECP-7

TEMPORARY ACCESS ROAD

DIRT PATH

MATCHLINE - SEE BELOW

LIMITS OF DISTURBANCE (TYP.)

SILT FENCE (TYP.)

PROPOSED OPEN CUT TRENCH

MATCHLINE - SEE ABOVE

TEMPORARY ACCESS ROAD

PROPOSED ELECTRIC SPLICE VAULT TO BE INSTALLED BY PSEG (TYP.)

PROPOSED FIBER OPTIC HAND HOLE TO BE INSTALLED BY PSEG (TYP.)

PROPOSED OPEN CUT TRENCH

MATCHLINE - SEE BELOW

LIMITS OF DISTURBANCE (TYP.)

SILT FENCE (TYP.)

MATCHLINE - SEE ABOVE

TEMPORARY ACCESS ROAD

STEPHEN HANDS PATH

DIRT PATH

GUIDE RAIL

APPROXIMATE R.O.W.

MATCHLINE - SEE DWG. No. ECP-9

LIMITS OF DISTURBANCE (TYP.)

SILT FENCE (TYP.)

PROPOSED OPEN CUT TRENCH

PROPOSED ELECTRIC SPLICE VAULT TO BE INSTALLED BY PSEG (TYP.)

PROPOSED FIBER OPTIC HAND HOLE TO BE INSTALLED BY PSEG (TYP.)

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# EROSION CONTROL PLAN - 7

BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE

BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:

ECP-7

SHEET: 10 OF 13

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 INCH = 50 FEET

NORTH

MATCHLINE - SEE DWG. No. ECP-8

SILT FENCE (TYP.)

LIMITS OF DISTURBANCE (TYP.)

TEMPORARY ACCESS ROAD

BUCKSKILL RD

APPROXIMATE R.O.W.

GUIDERAIL

PROPOSED OPEN CUT TRENCH

DIRT PATH

MATCHLINE - SEE BELOW

MATCHLINE - SEE ABOVE

PROPOSED FIBER OPTIC HAND HOLE TO BE INSTALLED BY PSEG (TYP.)

PROPOSED ELECTRIC SPLICE VAULT TO BE INSTALLED BY PSEG (TYP.)

MATCHLINE - SEE DWG. No. ECP-10

LEGEND:

- PROPOSED ELECTRIC SPLICE VAULT
- PROPOSED FIBER OPTIC HAND HOLE
- PROPOSED DRILL PIT
- PROPOSED SILT FENCE
- LIMITS OF EXISTING EASEMENT
- LIMITS OF DISTURBANCE
- PROPOSED OPEN CUT TRENCH
- PROPOSED DIRECTIONAL DRILL
- APPROXIMATE RIGHT-OF-WAY (R.O.W.)
- TEMPORARY STABILIZED CONSTRUCTION ACCESS ROAD

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| CADD: | 16160P_AC_ROAD_4_ECP.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
# EROSION CONTROL PLAN - 8
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE

BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
ECP-8

SHEET: 11 OF 13

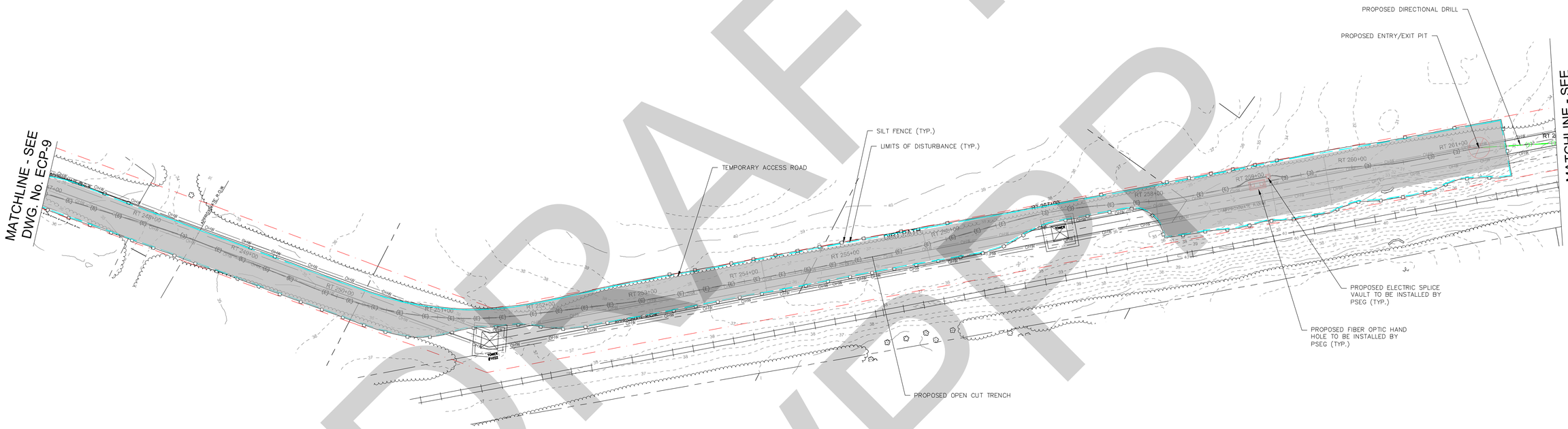
DRAFT
NOT FOR CONSTRUCTION

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 INCH = 50 FEET

NORTH




LEGEND:

- PROPOSED ELECTRIC SPLICE VAULT
- PROPOSED FIBER OPTIC HAND HOLE
- PROPOSED DRILL PIT
- PROPOSED SILT FENCE
- LIMITS OF EXISTING EASEMENT
- LIMITS OF DISTURBANCE
- PROPOSED OPEN CUT TRENCH
- PROPOSED DIRECTIONAL DRILL
- APPROXIMATE R.O.W.
- TEMPORARY STABILIZED CONSTRUCTION ACCESS ROAD

| No. | DATE | REVISION | BY: |
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CLIENT:
PSEG LONG ISLAND
175 E OLD COUNTRY ROAD
HICKSVILLE, NY 11801

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| DWN. BY: | DC |
| CHK'D BY: | TK |
| DATE: | MARCH 2022 |
| JOB No.: | 16160 |
| CAD ID: | P:\16160\CAD\ECP_AC_ROAD_4_ECP.DWG |
| SCALE: | AS SHOWN |

DRAWING TITLE:
EROSION CONTROL PLAN - 9
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
ECP-9

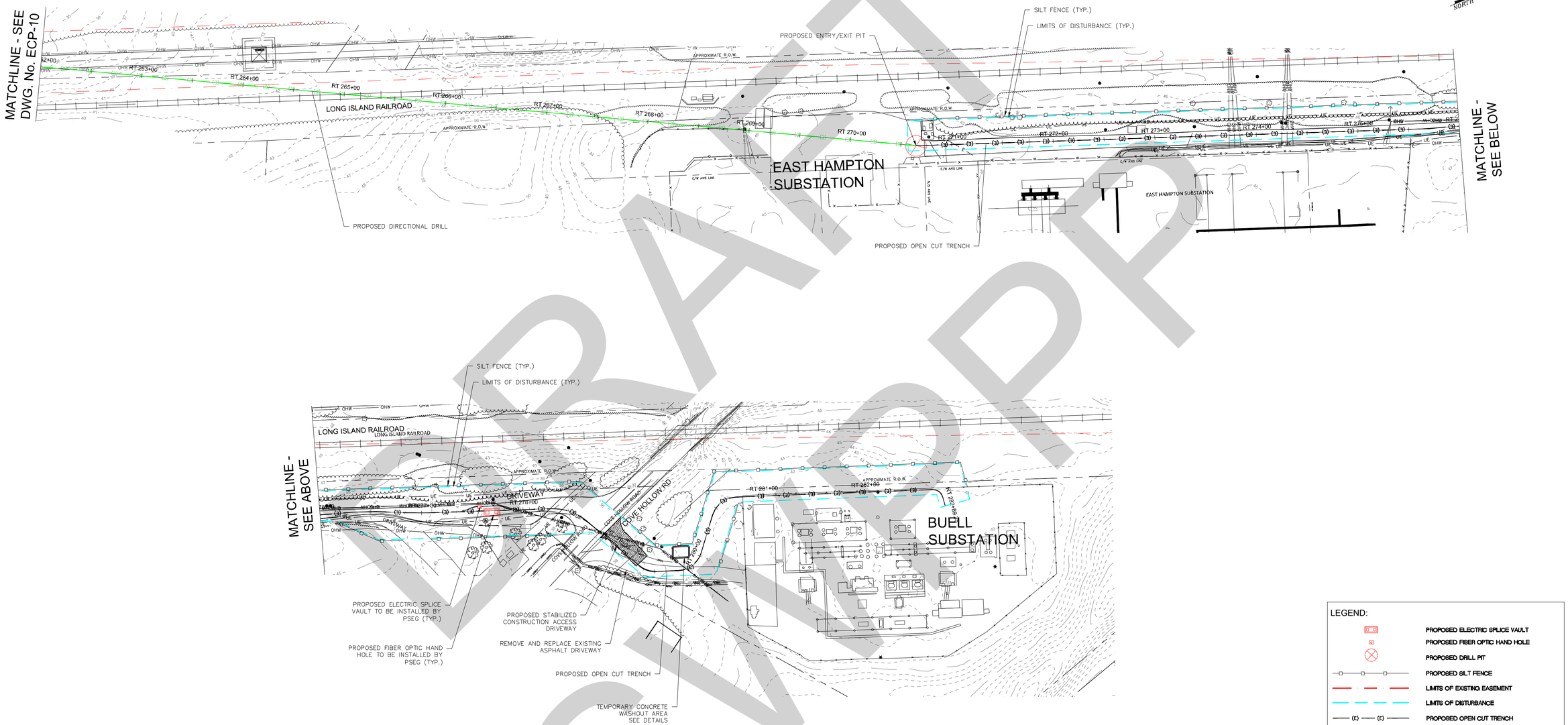
SHEET: 12 OF 13

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 INCH = 50 FEET

NORTH




LEGEND:

- PROPOSED ELECTRIC SPLICE VAULT
- PROPOSED FIBER OPTIC HAND HOLE
- PROPOSED DRILL PIT
- PROPOSED SILT FENCE
- LIMITS OF EXISTING EASEMENT
- LIMITS OF DISTURBANCE
- PROPOSED OPEN CUT TRENCH
- PROPOSED DIRECTIONAL DRILL
- APPROXIMATE RIGHT-OF-WAY (R.O.W.)
- TEMPORARY STABILIZED CONSTRUCTION ACCESS ROAD

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HICKSVILLE, NY 11801

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DRAWING TITLE:
EROSION CONTROL PLAN - 10
BRIDGEHAMPTON SUBSTATION TO BUELL SUBSTATION
UNDERGROUND TRANSMISSION LINE
BRIDGEHAMPTON & EAST HAMPTON, NEW YORK

DRAWING NUMBER:
ECP-10

SHEET: 13 OF 13