

BARON WIND PROJECT

TOWNS OF AVOCA, DANSVILLE, FREMONT, HOWARD, AND WAYLAND STEUBEN COUNTY, NEW YORK PRELIMINARY DESIGN DRAWINGS

EDR JOB #13039

NOVEMBER 2017

Prepared for:

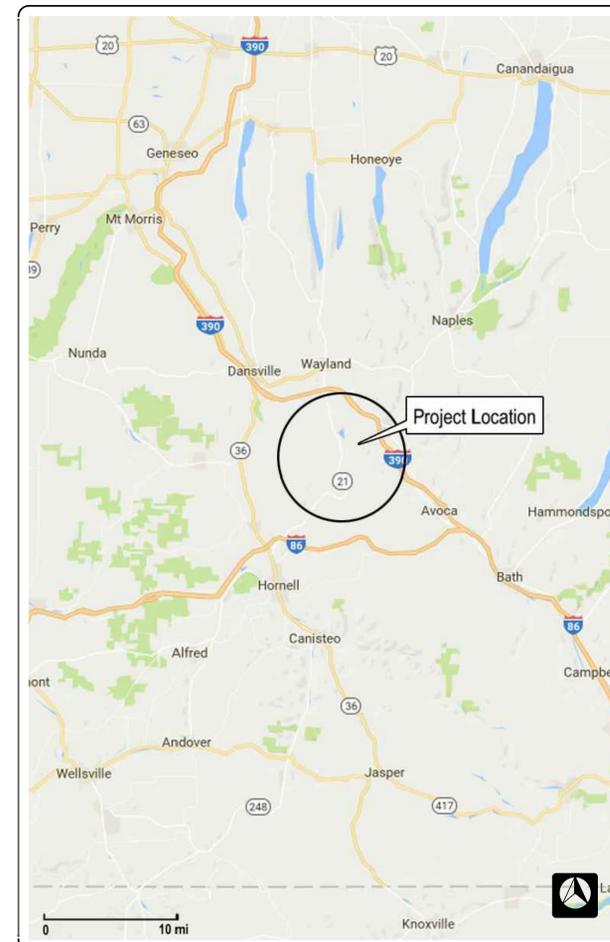
everpower™

1251 WATERFRONT PLACE, 3RD FLOOR
PITTSBURGH, PA 15222
(412) 253-9400

Prepared by:



**Environmental
Design & Research,**
Landscape Architecture, Engineering
& Environmental Services, D.P.C.
217 Montgomery Street, Suite 1000
Syracuse, New York 13202
P. 315.471.0688



Regional Drawing List:

G-001: REGIONAL INDEX SHEET

1-001 THROUGH 1-205: AREA-1 DRAWING SET

2-001 THROUGH 2-204: AREA-2 DRAWING SET

3-001 THROUGH 3-208: AREA-3 DRAWING SET

4-001 THROUGH 4-205: AREA-4 DRAWING SET

5-001 THROUGH 5-205: AREA-5 DRAWING SET

6-001 THROUGH 6-208: AREA-6 DRAWING SET

C-601-606 CIVIL DETAILS

**FOR PERMITTING ONLY
NOT FOR CONSTRUCTION**

DRAWING LIST:

G-000 DRAWING LIST & REGIONAL INDEX SHEET
G-001 GENERAL NOTES SHEET

AREA 1 DRAWING SET
1-001 AREA 1 SOILS MAP
1-002 AREA 1 CIRCUIT MAP
1-100 ACCESS ROAD INDEX SHEET
1-101-111 ACCESS ROAD PLAN AND PROFILE
1-200 COLLECTION LINE INDEX SHEET
1-201-205 COLLECTION LINE PLAN AND PROFILE

AREA 2 DRAWING SET
2-001 AREA 2 SOILS MAP
2-002 AREA 2 CIRCUIT MAP
2-100 ACCESS ROAD INDEX SHEET
2-101-112 ACCESS ROAD PLAN AND PROFILE
2-200 COLLECTION LINE INDEX SHEET
2-201-204 COLLECTION LINE PLAN AND PROFILE

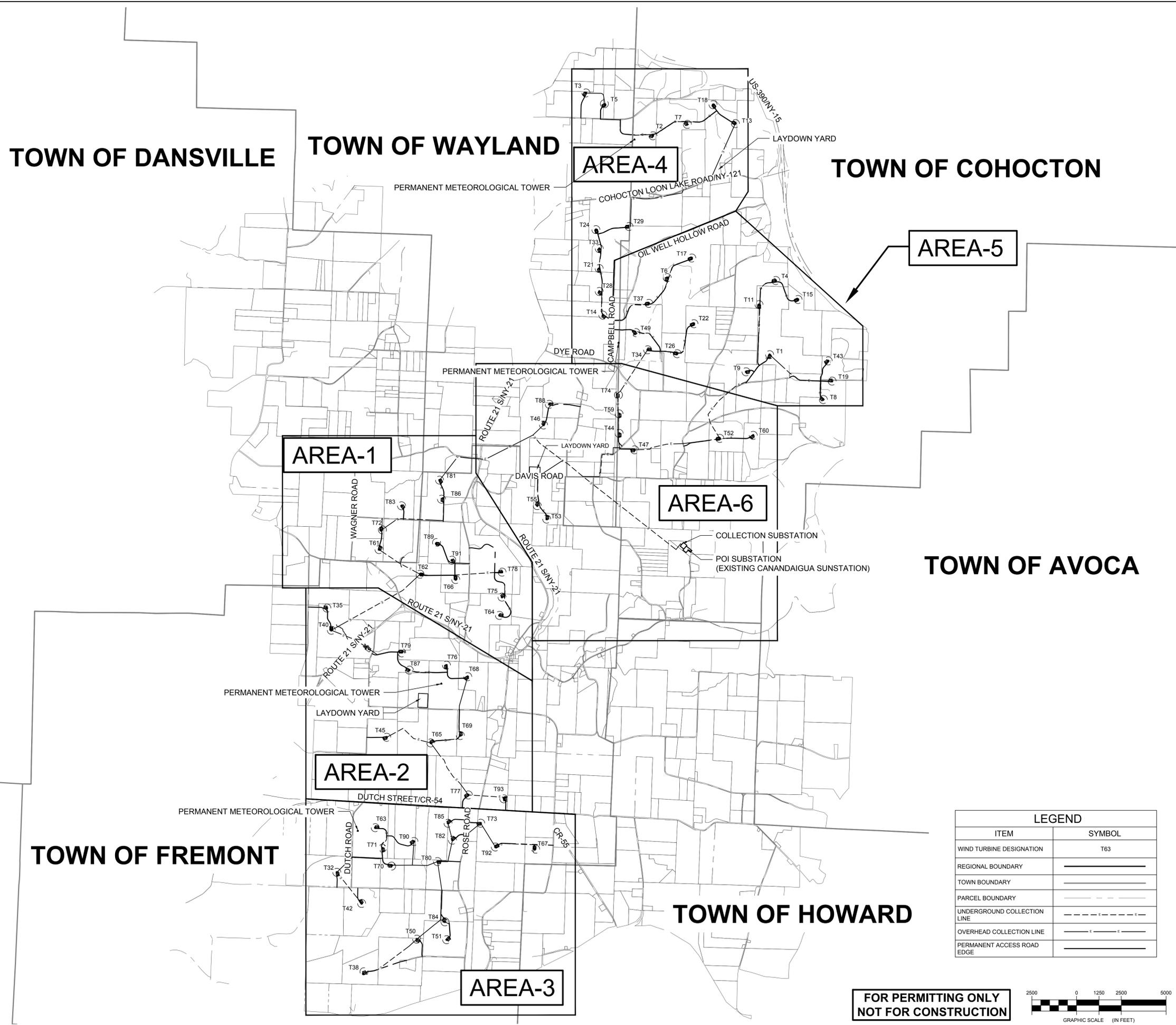
AREA 3 DRAWING SET
3-001 AREA 3 SOILS MAP
3-002 AREA 3 CIRCUIT MAP
3-100 ACCESS ROAD INDEX SHEET
3-101-119 ACCESS ROAD PLAN AND PROFILE
3-200 COLLECTION LINE INDEX SHEET
3-201-208 COLLECTION LINE PLAN AND PROFILE

AREA 4 DRAWING SET
4-001 AREA 4 SOILS MAP
4-002 AREA 4 CIRCUIT MAP
4-100 ACCESS ROAD INDEX SHEET
4-101-110 ACCESS ROAD PLAN AND PROFILE
4-200 COLLECTION LINE INDEX SHEET
4-201-205 COLLECTION LINE PLAN AND PROFILE

AREA 5 DRAWING SET
5-001 AREA 5 SOILS MAP
5-002 AREA 5 CIRCUIT MAP
5-100 ACCESS ROAD INDEX SHEET
5-101-117 ACCESS ROAD PLAN AND PROFILE
5-200 COLLECTION LINE INDEX SHEET
5-201-205 COLLECTION LINE PLAN AND PROFILE

AREA 6 DRAWING SET
6-001 AREA 6 SOILS MAP
6-002 AREA 6 CIRCUIT MAP
6-100 ACCESS ROAD INDEX SHEET
6-101-109 ACCESS ROAD PLAN AND PROFILE
6-200 COLLECTION LINE INDEX SHEET
6-201-208 COLLECTION LINE PLAN AND PROFILE

C-601-606 CIVIL DETAILS



AREA-5

AREA-1

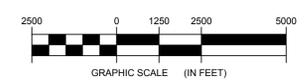
AREA-6

AREA-2

AREA-3

AREA-4

| LEGEND | |
|-----------------------------|--------|
| ITEM | SYMBOL |
| WIND TURBINE DESIGNATION | T63 |
| REGIONAL BOUNDARY | ————— |
| TOWN BOUNDARY | ————— |
| PARCEL BOUNDARY | ————— |
| UNDERGROUND COLLECTION LINE | ----- |
| OVERHEAD COLLECTION LINE | ————— |
| PERMANENT ACCESS ROAD EDGE | ————— |



**FOR PERMITTING ONLY
NOT FOR CONSTRUCTION**



Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1000
Syracuse, New York 13202
P. 315.471.0688



| DRAWING REVISIONS | |
|-------------------|------|
| NO. | DATE |
| | |
| | |
| | |
| | |
| | |

PROJECT TITLE: BARON WIND PROJECT
TOWNS OF COHOCTON, DANSVILLE, FREMONT, AND WAYLAND -
PROJECT LOCATION: STEUBEN COUNTY, NEW YORK
CLIENT: EVERPOWER WIND HOLDINGS
DRAWING TITLE: REGIONAL INDEX SHEET

DATE: **NOVEMBER 17, 2017**
SCALE: **1" = 2500'**
JOB#: **13039**
DRAWN BY: **AW, ZR, TS**
FILE NAME: **13039_G-000_SERIES.dwg**
DRAWING NUMBER: **G-000**

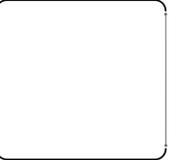
J:\13039 Baron Wind Project\dwg\index\G-000 Series.dwg



Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.

217 Montgomery Street, Suite 1000
Syracuse, New York 13202
P. 315.471.0688

everpower™



| NO. | DATE | REVISION | BY | REVISION |
|-----|---------|---------------------------------------------|-----|----------|
| 1 | 6/20/17 | VARIOUS EDITS DUE TO REDUCED TURBINE LAYOUT | JRS | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |
| 18 | | | | |
| 19 | | | | |
| 20 | | | | |
| 21 | | | | |
| 22 | | | | |

BARON WIND PROJECT
TOWNS OF AVOCA, COHOCTON, DANVILLE, FRENCHTOWN, HOWARD,
AND WATLAND - STEUBEN COUNTY, NEW YORK

CLIENT: EVERPOWER WIND HOLDINGS

DRAWING TITLE: **GENERAL NOTES SHEET**

| | |
|-----------------|-------------------|
| DATE: | NOVEMBER 17, 2017 |
| SCALE: | NOT TO SCALE |
| edr JOB#: 13039 | |
| DRAWN BY: JT | |
| CHECKED BY: TD | |
| FILE NAME: | 14048_COVER.DWG |
| DRAWING NUMBER: | G-001 |

**FOR PERMITTING ONLY
NOT FOR CONSTRUCTION**

NOTE:

THE FOLLOWING TABLE OUTLINES THE ARCHAEOLOGICAL SITES IDENTIFIED DURING THE PHASE 1B ARCHAEOLOGICAL SURVEY FOR THE BARON WIND PROJECT IN 2015. THE SITES RECOMMENDED FOR AVOIDANCE SHOULD BE AVOIDED BY ALL POTENTIALLY EARTH-DISTURBING ACTIVITIES RELATED TO THE CONSTRUCTION OF THE FACILITY. THE MAPPED LOCATIONS OF ALL ARCHAEOLOGICAL SITES RECOMMENDED FOR AVOIDANCE THAT OCCUR WITHIN 100 FEET (31 METERS) OF PROPOSED FACILITY-RELATED IMPACTS WILL BE IDENTIFIED AS "ENVIRONMENTALLY SENSITIVE AREAS" OR SIMILAR ON THE FINAL CONSTRUCTION DRAWINGS, AND MARKED IN THE FIELD BY CONSTRUCTION FENCING WITH SIGNS THAT RESTRICT ACCESS. THESE MEASURES SHOULD BE ADEQUATE TO ENSURE THAT IMPACTS TO ARCHAEOLOGICAL RESOURCES ARE AVOIDED.

| ENVIRONMENTALLY SENSITIVE AREAS | | |
|-----------------------------------|-----------------------------|---------------------------------------------------|
| AREA NAME | RESOURCE AVOIDANCE REQUIRED | MAXIMUM DEPTH OF SUBSURFACE FEATURES/ARTIFACTS |
| ENVIRONMENTALLY SENSITIVE AREA 1 | NO | N/A (NO AVOIDANCE NECESSARY) |
| ENVIRONMENTALLY SENSITIVE AREA 2 | NO | N/A (NO AVOIDANCE NECESSARY) |
| ENVIRONMENTALLY SENSITIVE AREA 3 | YES | UNKNOWN |
| ENVIRONMENTALLY SENSITIVE AREA 4 | YES | UNKNOWN |
| ENVIRONMENTALLY SENSITIVE AREA 5 | NO | N/A (NO AVOIDANCE NECESSARY) |
| ENVIRONMENTALLY SENSITIVE AREA 6 | YES | 1 FOOT 8 INCHES (0.5 METERS) BELOW GROUND SURFACE |
| ENVIRONMENTALLY SENSITIVE AREA 7 | YES | UNKNOWN |
| ENVIRONMENTALLY SENSITIVE AREA 8 | YES | 3 FEET (0.9 METERS) BELOW GROUND SURFACE |
| ENVIRONMENTALLY SENSITIVE AREA 9 | YES | UNKNOWN |
| ENVIRONMENTALLY SENSITIVE AREA 10 | YES | UNKNOWN |
| ENVIRONMENTALLY SENSITIVE AREA 11 | YES | UNKNOWN |
| ENVIRONMENTALLY SENSITIVE AREA 12 | YES | 4 FEET (1.2 METERS) BELOW GROUND SURFACE |
| ENVIRONMENTALLY SENSITIVE AREA 13 | YES | 3 FEET (0.9 METERS) BELOW GROUND SURFACE |
| ENVIRONMENTALLY SENSITIVE AREA 14 | YES | 1 FOOT 8 INCHES (0.5 METERS) BELOW GROUND SURFACE |
| ENVIRONMENTALLY SENSITIVE AREA 15 | YES | 1 FOOT 8 INCHES (0.5 METERS) BELOW GROUND SURFACE |
| ENVIRONMENTALLY SENSITIVE AREA 16 | NO | N/A (NO AVOIDANCE NECESSARY) |
| ENVIRONMENTALLY SENSITIVE AREA 17 | YES | UNKNOWN |
| ENVIRONMENTALLY SENSITIVE AREA 18 | NO | N/A (NO AVOIDANCE NECESSARY) |
| ENVIRONMENTALLY SENSITIVE AREA 19 | NO | N/A (NO AVOIDANCE NECESSARY) |
| ENVIRONMENTALLY SENSITIVE AREA 20 | YES | UNKNOWN |
| ENVIRONMENTALLY SENSITIVE AREA 21 | N/A (OUTSIDE FACILITY AREA) | UNKNOWN |
| ENVIRONMENTALLY SENSITIVE AREA 22 | N/A (OUTSIDE FACILITY AREA) | UNKNOWN |

AND WILL BE DESIGNED IN ACCORDANCE WITH NWP GENERAL CONDITION G-A 11.

PRELIMINARY SPECIFIC WETLAND CROSSING RESTRICTIONS:

- ANY REQUIRED TEMPORARY ACCESS ROUTE WILL BE REMOVED FOLLOWING CONSTRUCTION, AND RESTORED WITH AN APPROPRIATE NATIVE SEED MIX AND MULCHING WITH STRAW. WITH RESPECT TO STATE-REGULATED AREAS, ANY TEMPORARY ACCESS ROUTE THROUGH THE ASSOCIATED STATE-REGULATED WETLAND ADJACENT AREA SHALL ALSO BE REMOVED FOLLOWING CONSTRUCTION, AND RESTORED WITH AN APPROPRIATE NATIVE SEED MIX AND MULCHING WITH STRAW.
- IN ALL CASES, THE PRE-DISTURBANCE FLOW REGIME MUST BE MAINTAINED.
- DURING EXCAVATION IN WETLANDS, THE PLACEMENT OF TEMPORARY SPOIL STOCKPILES WILL BE RESTRICTED TO FULL CONTAINMENT ON CONSTRUCTION MATTING OR OUTSIDE OF WETLANDS. FOLLOWING BACKFILL, ANY EXCESS SPOIL NOT USED AS STRUCTURE BACKFILL WILL BE DISPOSED OF AT AN UPLAND SITE AS APPROVED BY THE ENVIRONMENTAL INSPECTOR (NO BULL-DOZING, BACK-BLADING, OR OTHERWISE SPREADING OF EXCESS SPOIL OVER THE UPLAND SURFACE). WITH RESPECT TO STATE-REGULATED AREAS, ANY TEMPORARY SOIL STOCKPILES IN THE ASSOCIATED STATE-REGULATED WETLAND ADJACENT AREA SHALL ALSO BE COMPLETELY REMOVED FOLLOWING CONSTRUCTION.
- EROSION CONTROL AND OTHER WETLAND PROTECTION MEASURES WILL BE IMPLEMENTED AS SPECIFIED IN THE SWPPP.
- BOP CONTRACTOR WILL INSTALL AND MAINTAIN SILT FENCING AND SEDIMENT BARRIERS WHEREVER EXCAVATION OR FILLING ACTIVITIES OCCUR ADJACENT TO OR WITHIN WETLAND AREAS AS INDICATED ON THE SWPPP DRAWINGS.
- UNDERGROUND COLLECTION LINES WILL REQUIRE A 40-FOOT WIDE LIMIT OF VEGETATION CLEARING, AND A 40-FOOT WIDE LIMIT OF TEMPORARY SOIL DISTURBANCE.
- ACCESS ROADS WILL REQUIRE A 75-FOOT WIDE LIMIT OF VEGETATION CLEARING, AND A 60-FOOT WIDE LIMIT OF TEMPORARY SOIL DISTURBANCE.
- PERMANENT COLLECTION TRANSMISSION LINES WILL REQUIRE A 100-FOOT WIDE LIMIT OF VEGETATION CLEARING. ALL UTILITY POLES WITHIN WETLAND ARE ASSUMED TO IMPACT 12.5 SQUARE FEET PER POLE.
- CLEARING LIMITS IN FORESTED WETLANDS AND STATE-REGULATED ADJACENT AREAS SHALL BE STRICTLY ADHERED TO.
- WETLAND CONTINUES ARROWS ARE NOT INDICATIVE OF WETLAND/STREAM SIZE.
- FORESTED AREA BOUNDARIES WITHIN DEC 100' ADJACENT AREAS WERE DETERMINED THROUGH INTERPRETATION OF AERIAL IMAGERY.

PRELIMINARY AGRICULTURAL LAND-RELATED RESTRICTIONS:

- AGRICULTURAL MITIGATION, RESTORATION, AND CLEAN UP MAY INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING: USE OF CONSTRUCTION MATTING, TOPSOIL STRIPPING, REMOVAL OF ROCK 4 INCHES OR LARGER PLACED BY BOP CONTRACTOR; REPLACEMENT OF EXISTING TOPSOIL WITH MATERIALS WHICH WERE STRIPPED IN THE AREA AT THE START OF CONSTRUCTION; SURFACE AND SUBSURFACE SHATTERING, DEEP TILLAGE, REPAIR OF FUNCTIONING STONE DRAINAGE SYSTEMS, BROKEN TILE OR TILING SYSTEMS, AND INSTALLATION OF NEW INTERCEPT DRAINS.
- IN ACTIVE LIVESTOCK-USE AREAS, ANY CHERRY TREE SLASH (TOXIC TO LIVESTOCK) GENERATED DURING CLEARING WILL BE REMOVED AND DISPOSED OF SO AS NOT TO BE AVAILABLE TO LIVESTOCK.
- ANY WORK IN AGRICULTURAL LANDS WILL INCLUDE THE FOLLOWING PRE-CONSTRUCTION TREATMENTS: ALL TOPSOIL WILL BE PROTECTED BY APPROPRIATE MEANS. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, ALL IMPORTED MATERIAL, SUCH AS GRAVEL, WILL BE COMPLETELY REMOVED, AND THE SOIL WILL BE RESTORED AS DESCRIBED IN ARTICLE 10 APPLICATION.
- TO PREVENT DAMAGE TO ADJACENT AGRICULTURAL LAND, ALL VEHICLE TRAFFIC AND PARKING WILL BE CONFINED TO THE ACCESS ROADS, DESIGNATED WORK AREAS AT THE STRUCTURE SITES, AND/OR DESIGNATED PARKING AND MATERIAL LAYDOWN AREAS. ANY NECESSARY PULL-OFFS AND PARKING AREAS WILL BE DEVELOPED OUTSIDE OF ACTIVE AGRICULTURAL FIELDS TO THE EXTENT PRACTICAL.
- IN REPAIRING ANY DAMAGED DRAINAGE LINES, KNITTED FILTER COVERING WILL GENERALLY NOT BE USED AROUND CORRUGATED PLASTIC TUBING (TO AVOID POTENTIAL SILT ACCUMULATION AND SEAL-OFF OF DRAINAGE LINES).
- IMMEDIATELY FOLLOWING CONSTRUCTION ACTIVITY, THE WORK AREAS WILL BE THOROUGHLY AND SAFELY CLEARED OF NUTS, BOLTS, SPIKES, WIRE, PIECES OF STEEL, AND OTHER ASSORTED ITEMS.
- THE FUNCTIONS SERVED BY ACTIVE FARM FENCES AND GATES AFFECTED BY THE CONSTRUCTION WILL BE TEMPORARILY SUSTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION AND SUCH SEGMENTS OF AFFECTED FENCES AND GATES WILL BE RECONSTRUCTED AT A MINIMUM TO IT PRE-CONSTRUCTION CONDITION OR AS AGREED TO WITH THE LANDOWNER.
- NO PIN FLAGS WILL BE USED IN AGRICULTURAL FIELDS.
- THE NEW YORK DEPARTMENT OF AGRICULTURE AND MARKETS (NYDAM) GUIDELINES FOR AGRICULTURE AND MITIGATION FOR WINDPOWER PROJECTS WILL BE FOLLOWED TO THE EXTENT PRACTICABLE. NYSDAM WILL BE CONSULTED WITH WHEN DEVIATIONS FROM THE GUIDELINES ARE NECESSARY.

- IF SEDIMENT IS TRANSPORTED ONTO ROADS, IT MUST BE REMOVED FROM THE ROAD SURFACE ON A DAILY BASIS AND PRIOR TO RAIN EVENTS. SEDIMENT SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTAMINATION OF STORMWATER AND SURFACE WATER.
- VEGETATION SHALL BE PROTECTED OUTSIDE OF THE LIMITS OF DISTURBANCE.
- ALL EXISTING TOPSOIL SHALL BE STOCKPILED TO COMPLETE THE FINISH GRADING OF ALL EXPOSED AREAS FOR THE ESTABLISHMENT OF VEGETATION.
- THE BOP CONTRACTOR SHALL ULTIMATELY BE RESPONSIBLE FOR LOCATING SOIL AND EXCESS EXCAVATED EARTH STOCK PILES AT A STABLE LOCATION THAT DO NOT INTERFERE WITH CONSTRUCTION ACTIVITIES, AND STORMWATER RUNOFF, AND ARE NOT IN ENVIRONMENTALLY SENSITIVE AREAS. STOCK PILES SHALL BE STABILIZED PER THE DETAIL.
- CONSTRUCTION WORK AREAS AND ACCESS ROADS MAY BE IMPROVED AS NECESSARY IN ACCORDANCE WITH THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL TO ALLOW CONSTRUCTION ACCESS. ANY IMPROVEMENTS, UNLESS DEEMED PERMANENT ON FINAL CONSTRUCTION DRAWINGS SHALL BE REMOVED AT THE COMPLETION OF CONSTRUCTION AND THE AREA RESTORED TO A VEGETATED CONDITION.
- THE BOP CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT, DESIGN, APPROVAL, AND OPERATION OF CONCRETE WASHOUTS. THE CONCRETE WASHOUTS SHALL BE INSTALLED A MINIMUM OF 50 FEET AWAY FROM STORM DRAINAGE, SURFACE WATER, OR OTHER SENSITIVE AREAS. CONCRETE WASTE MATERIAL SHALL NOT BE ALLOWED TO OVERFLOW OR OTHERWISE DISCHARGE FROM CONCRETE WASHOUT.
- FOR INSTALLED SEDIMENT CONTROL PRACTICES, REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS WHEN THE ACCUMULATION HAS REACHED A DEPTH OF 25% OF THE HEIGHT AND/OR VOLUME OF THE PRACTICE'S CAPACITY, OR MORE FREQUENTLY AS REQUIRED BY THE DETAILS.
- THE BOP CONTRACTOR SHALL PROVIDE PORTABLE HANDWASHING AND SANITARY FACILITIES. THESE FACILITIES SHALL BE SERVICED REGULARLY BY AN APPROVED SERVICE PROVIDER.
- SOLID WASTE SHALL BE STORED IN COVERED DUMPSTERS OR OTHER APPROPRIATE CONTAINERS. WASTE IS TO BE DISPOSED OF REGULARLY AND PROPERLY IN ACCORDANCE WITH LOCAL, STATE, AND/OR FEDERAL REGULATIONS.
- THE EROSION AND SEDIMENT CONTROLS ARE SHOWN FOR A CONDITION WHEN ALL WORK IS OCCURRING SIMULTANEOUSLY. ACTUAL INSTALLATIONS SHALL BE ADJUSTED BASED ON CURRENT CONSTRUCTION ACTIVITY AND SITE CONDITIONS.
- DURING ROUGH GRADING, LEAVE SLOPE SURFACES SLIGHTLY ROUGHENED TO A DEPTH OF 1-2 INCHES - DO NOT BACK BLADE SLOPES.

PRELIMINARY CONTRACTOR NOTES:

- THE PROPOSED FACILITY COMPONENTS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS WILL BE DELINEATED IN THE FIELD BY EITHER LATH MARKERS, SURVEYORS RIBBON, PIN FLAGS, OR SUITABLE EQUIVALENT, BY A NYS LICENSED SURVEYOR.
- THE BOUNDARIES OF ALL STREAMS, WETLANDS, AND WETLAND ADJACENT AREAS AS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS WILL BE MARKED IN THE FIELD BY EITHER LATH MARKERS, SURVEYORS RIBBON, PIN FLAGS, OR SUITABLE EQUIVALENT PRIOR TO CONSTRUCTION BY THE BOP CONTRACTOR. ALL BOUNDARY MARKINGS IN THE FIELD SHALL REMAIN IN PLACE UNTIL CONSTRUCTION HAS ENDED.
- THE BOUNDARIES OF ALL AREAS OF TREES TO BE CLEARED AS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS WILL BE MARKED IN THE FIELD BY EITHER LATH MARKERS, SURVEYORS RIBBON, PIN FLAGS, OR SUITABLE EQUIVALENT PRIOR TO CONSTRUCTION BY THE BOP CONTRACTOR. VEGETATION OUTSIDE OF THIS LIMIT SHALL NOT BE CLEARED.
- ANY DISRUPTION TO NYSDEC REGULATED WETLANDS WILL BE MINIMIZED. NYSDEC'S FIELD REPRESENTATIVE WILL NOTIFY THE DEPARTMENT OF PUBLIC SERVICE (DPS) STAFF REPRESENTATIVE AND THE APPLICANT'S REPRESENTATIVE OF ANY ACTIVITIES THAT VIOLATE OR MAY VIOLATE EITHER THE TERMS OF THE CERTIFICATE OR THE ENVIRONMENTAL CONSERVATION LAW. DPS AND NYSDEC STAFF'S FIELD REPRESENTATIVES WILL WORK COOPERATIVELY TO DETERMINE WHETHER STOP WORK AUTHORITY WILL BE EXERCISED, OR WHETHER TO DIRECT THE APPLICANT TO TAKE ACTION TO FURTHER MINIMIZE IMPACTS TO STREAMS AND WETLANDS.
- RESTRICTED ACTIVITIES PERTAIN TO A BUFFER ZONE OF 100 FEET ON EITHER SIDE OF THE BOUNDARIES OF WATER-RELATED RESOURCES (STREAMS, WETLANDS, SPRINGS, WELLS, DRAINAGE, ETC.) AND INCLUDE THE FOLLOWING RESTRICTIONS:
 - NO DEPOSITION OF SLASH WITHIN IDENTIFIABLE STREAM CHANNELS OR WOOD CHIPS WITHIN 25 FEET OF WETLANDS.
 - NO UNNECESSARY REMOVAL OF WOODY VEGETATION OR DEGRADATION OF STREAM BANKS.
 - NO EQUIPMENT WASHING OR REFUELING EXCEPT AS SPECIFIED IN THE FINAL CONSTRUCTION DRAWINGS.
 - NO STORAGE MIXING OR HANDLING OF ANY PETROLEUM OR CHEMICAL MATERIALS IN OPEN CONTAINERS.
 - ALL ACTIVITIES WITHIN STATE-REGULATED WETLANDS AND WETLAND ADJACENT AREAS SHALL BE IN STRICT ADHERENCE TO ALL RESTRICTIONS AS SET FORTH IN THE ISSUED CERTIFICATE PROVIDED TO THE BOP CONTRACTOR.

PRELIMINARY GENERAL ENVIRONMENTAL RESTRICTIONS:

- ALL EQUIPMENT ACCESS, STORAGE OF EQUIPMENT AND MATERIALS, AND OTHER CONSTRUCTION ACTIVITIES WILL BE CONFINED TO THE ACCESS ROADS, LAYDOWN AREAS, AND THE COLLECTION LINE AND TRANSMISSION LINE ROUTES AS DEPICTED ON THE FINAL CONSTRUCTION DRAWINGS.
- EQUIPMENT WILL UTILIZE THE INTERSECTION OF ACCESS ROADS AND EXISTING ROADS FOR TURNING. WORK AREAS, SUCH AS TURBINE SITES AND LAYDOWN AREAS, WILL ALSO PROVIDE AREAS FOR EQUIPMENT TURNING AND PARKING, IN ADDITION TO DESIGNATED TURNING LOCATIONS.
- FUGITIVE DUST RESULTING FROM CONSTRUCTION ACTIVITIES WILL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICAL BY IMPLEMENTING APPROPRIATE CONTROL MEASURES. THESE MEASURES INCLUDE THE APPLICATION OF MULCH, WATER, OR STONE ON ACCESS ROADS, EXPOSED SOILS, STOCKPILED SOILS, OR UNPAVED PUBLIC ROADS WHEN DRY AND WINDY CONDITIONS EXIST. A WATERING VEHICLE (OR A VEHICLE CONTAINING AN APPROVED CHEMICAL TREATMENT) WILL BE AVAILABLE ON AN AS-NEEDED BASIS.
- WITHIN 100 FEET OF STATE REGULATED WETLANDS AND 50 FEET OF OTHER WATER BODIES, REMOVE ONLY THE MINIMUM VEGETATION NECESSARY TO ALLOW CONSTRUCTION AND OPERATION OF THE FACILITY.
- STREAMS AND WETLANDS WILL BE PROTECTED FROM INDIRECT IMPACTS DURING CONSTRUCTION BY UTILIZING VARIOUS EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH APPROVED PROJECT STORMWATER PREVENTION PLAN (SWPPP). SUCH MEASURES WILL INCLUDE, BUT NOT BE LIMITED TO, SILT FENCES PLACED BETWEEN WATER RESOURCE BOUNDARIES AND CONSTRUCTION AREAS. EXPOSED SOIL WILL BE SEEDED AND/OR MULCHED, AS SOON AS PRACTICABLE, BUT IN ANY EVENT, NO LATER THAN THE END OF THE WORK DAY IN WHICH SITE DISTURBANCE OCCURS. TO ASSURE THAT EROSION AND SILTATION IS KEPT TO A MINIMUM ALONG STREAM AND WETLAND BOUNDARIES.
- TEMPORARY EROSION CONTROL DEVICES AND STABILIZATION PRACTICES WILL BE INSTALLED SOON AS PRACTICABLE AND APPROPRIATE, IN ACCORDANCE WITH THE SWPPP. EROSION CONTROL DEVICES WILL BE INSTALLED AFTER CLEARING, BUT PRIOR TO SOIL DISTURBANCE.
- IN THE EVENT THAT ARCHAEOLOGICAL MATERIALS, HUMAN REMAINS, OR EVIDENCE OF HUMAN BURIALS ARE ENCOUNTERED DURING CONSTRUCTION, ALL WORK IN THE VICINITY OF THE FIND WILL BE IMMEDIATELY HALTED AND THE "UNANTICIPATED DISCOVERY PLAN" WILL BE IMPLEMENTED.
- THE BOP CONTRACTOR WILL LOCATE AND DISTRIBUTE EXCESS EXCAVATION MATERIAL IN NON-AGRICULTURE UP-LAND AREAS (I.E. OUTSIDE OF WETLANDS, STREAMS, AND AGRICULTURAL FIELDS) WHERE PRACTICAL. SUCH MATERIAL WILL BE USED AS ROAD FILL OR BACKFILL AROUND STRUCTURES. EROSION CONTROL PRACTICES WILL BE INSTALLED, AND EXPOSED SOILS STABILIZED IN ACCORDANCE WITH THE SWPPP.
- OUTSIDE OF AREAS FOR PERMANENT FILL, FORESTED WETLAND TO BE CLEARED IN A NON-MECHANIZED MANNER.
- IN THOSE AREAS WHERE THE WETLAND CONTINUES BEYOND THAT WHICH WAS DELINEATED (AS DEPICTED THROUGH USE OF "WETLAND CONTINUES ARROWS"), THE STATE-REGULATED 100-FOOT ADJACENT AREA IS NOT SHOWN.

PRELIMINARY SPECIFIC STREAM CROSSING RESTRICTIONS:

- CONSTRUCTION WORK IN STREAMS WILL CONFORM TO APPROPRIATE TIMING RESTRICTIONS TO PROTECT IMPORTANT FISHERIES RESOURCES. DURING SPAWNING AND PRIMARY MIGRATION PERIODS, STREAMS SUBJECT TO SUCH RESTRICTIONS WILL BE DETERMINED IN THE FIELD BY REPRESENTATIVES OF THE DEC AND THE APPLICANT, PRIOR TO CONSTRUCTION. FOR COLD WATER FISHERIES IN THE PROJECT AREA, CONSTRUCTION WORK IN STREAMS WILL BE PROHIBITED BETWEEN OCTOBER 1 AND MAY 31 TO AVOID TROUT SPAWNING PERIODS. FOR WARM WATER FISHERIES, CONSTRUCTION WORK IN STREAMS WILL BE PROHIBITED BETWEEN MARCH 1 AND JULY 15. HOWEVER, ONCE INSTALLED, SUCH CROSSINGS CAN BE USED BY CONSTRUCTION VEHICLES THROUGHOUT THE DURATION OF PROJECT CONSTRUCTION. ANY EXCEPTIONS TO THESE PROHIBITED PERIODS REQUIRE PRIOR APPROVAL BY DPS STAFF. IN CONSULTATION WITH DEC, A CULVERT WILL BE INSTALLED IN THE STREAM

GENERAL NOTES:

- ALL WORK AND AMENITIES SHOWN ON THE CONTRACT DOCUMENTS SHALL BE CONSIDERED AS "NEW" UNLESS INDICATED TO BE "EXISTING".
- THE BALANCE OF PLANT (BOP) CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS PRIOR TO THE START OF ANY CONSTRUCTION SITE DISTURBANCE.
- THIS PROJECT WILL OBTAIN COVERAGE UNDER THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES) GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES, PERMIT NO. GP-0-15-002 (GENERAL PERMIT), EFFECTIVE JANUARY 29, 2015 WITH AN EXPIRATION DATE OF JANUARY 28, 2020. THE GENERAL PERMIT AUTHORIZES STORMWATER DISCHARGES TO SURFACE WATERS OF THE STATE FROM CONSTRUCTION RELATED ACTIVITIES. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED IN ACCORDANCE WITH THIS PERMIT, AND IS PART OF THE CONTRACT AND CONSTRUCTION REQUIREMENTS FOR THIS PROJECT.
- THE BOP CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS AND MAKE ALL NECESSARY PROVISIONS FOR PROTECTION OF THE PUBLIC, THE WORKMEN AND THE WORK, AND FOR MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC AS REQUIRED BY THE AGENCIES OF GOVERNMENT HAVING JURISDICTION.
- SITE ACCESS IS RESTRICTED TO THE LOCATIONS SPECIFICALLY DESIGNATED ON PLAN.
- THE BOP CONTRACTOR SHALL ADHERE TO ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), STATE AND LOCAL SAFETY REGULATIONS.
- PROMPTLY REPORT TO THE OWNER'S REPRESENTATIVE ANY DISCREPANCIES FOUND ON THE SITE OR IN THE CONTRACT DOCUMENTS FOR REVIEW AND RESOLUTION BEFORE PROCEEDING WITH THE WORK IN THE AREA IN QUESTION. PROVIDE FIELD INFORMATION SPECIFIC TO THE DISCREPANCY TO EXPEDITE RESOLUTION.
- LOCATE, PROTECT, AND MAINTAIN BENCHMARKS, MONUMENTS, CONTROL POINTS AND PROJECT ENGINEERING REFERENCE POINTS.
- THE BOP CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND MAINTENANCE OF SURFACE WATER AND/OR GROUNDWATER ENCOUNTERED DURING THE COURSE OF WORK.
- COMPLY WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS REGARDING MATERIALS, METHODS OF WORK AND DISPOSAL OF EXCESS AND WASTE MATERIALS.
- BURNING OF MATERIALS OF ANY DESCRIPTION ON THE SITE IS PROHIBITED. PRIOR TO PERFORMING ANY EXCAVATION WITHIN THE CONSTRUCTION AREA, CONFIRM WITH DIG SAFELY NEW YORK AT 1-800-962-7962 THAT ALL EXISTING UNDERGROUND UTILITY LOCATIONS ARE CURRENTLY VERIFIED, OR ARRANGE FOR VERIFICATION.
- THE BOP CONTRACTOR'S ATTENTION IS DIRECTED TO ALL APPLICABLE LAWS REGARDING LIABILITY INCURRED THROUGH THE DISTURBANCE AND DESTRUCTION OF GEODETTIC SURVEY MONUMENTS.
- ALL EROSION AND SEDIMENT CONTROL DEVICES AND THE CONSTRUCTION FENCE SHALL BE CONSTRUCTED AND OPERATED IN ACCORDANCE WITH THEIR DESIGN, AND MAINTAINED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION THROUGHOUT THE CONSTRUCTION PROCESS.
- THE START OF ANY ON-SITE CONSTRUCTION INCLUDING STRIPPING TOPSOIL, REMOVING CUT OR PLACING FILL MATERIAL ESTABLISHES THAT THE BOP CONTRACTOR ACCEPTS THE CONTRACT DOCUMENTS AS ACCURATELY REPRESENTING THE EXISTING SITE CONDITIONS.
- PRIOR TO START OF WORK, THE BOP CONTRACTOR SHALL PROVIDE EXPLORATORY EXCAVATIONS AND COORDINATE ALL PIPING LAYOUTS WITH THE OWNER'S REPRESENTATIVE TO ELIMINATE ALL CONFLICTS WITH EXISTING UTILITIES.
- THE USE OF EXPLOSIVES OF ANY DESCRIPTION ON THE SITE IS PROHIBITED.
- PROTECT AND PRESERVE TREES AND OTHER SITE AMENITIES INDICATED TO REMAIN DURING CONSTRUCTION. INSTALL PROTECTIVE FENCING AS INDICATED ON THE DRAWINGS AND/OR AS DETAILED. EXERCISE ALL REASONABLE CARE WHEN WORKING IN CLOSE PROXIMITY TO EXISTING VEGETATION TO AVOID DAMAGE. AVOID THE USE OF HEAVY EQUIPMENT OR STOCKPILING MATERIALS WITHIN THE DRIP LINE.
- CONSTRUCTION DEBRIS AND DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AT REGULAR INTERVALS AS DETERMINED BY THE OWNER'S REPRESENTATIVE AND SHALL NOT BE ALLOWED TO ACCUMULATE. EMPLOY APPROPRIATE MEASURES TO PREVENT LOOSE DEBRIS FROM LEAVING THE CONSTRUCTION AREA.
- PRIOR TO PERFORMING ANY SITE DEMOLITION, CLEARING OR EARTHWORK ACTIVITY WITHIN THE CONSTRUCTION AREA, ESTABLISH THE LIMITS OF ALL AREAS TO BE DISTURBED. INSTALL ALL REQUIRED TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND THE CONSTRUCTION FENCE IN A TIMELY MANNER FOR THE APPROPRIATE PHASE OF CONSTRUCTION TO MINIMIZE THE IMPACT ON THE SURROUNDING ENVIRONMENT, AND PROTECT THE GENERAL PUBLIC AND THE WORK.
- THE BOP CONTRACTOR SHALL SECURE PORTIONS OF THE SITE THAT ARE UNDER CONSTRUCTION AS NECESSARY TO PROTECT THE PUBLIC AND TO PROTECT THE WORK IN PROGRESS. OPEN EXCAVATIONS SHALL BE PROPERLY PROTECTED AT ALL HOURS.
- ALL FACILITIES TO BE CONSTRUCTED OR INSTALLED SHALL COMPLY WITH ALL SECTIONS AND LATEST REVISIONS OF THE REQUIREMENTS OF ALL AGENCIES OF GOVERNMENT HAVING JURISDICTION.
- EXISTING UTILITIES (LOCATIONS, SIZES AND INVERT ELEVATIONS) SHOWN ON THE PLANS HAVE BEEN PLOTTED FROM FIELD SURVEYS AND RECORDED MAPS AND SHALL BE INTERPRETED AS APPROXIMATE ONLY. THE BOP CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXISTING INFORMATION AT LOCATIONS IN CLOSE PROXIMITY TO UTILITIES UNDER CONSTRUCTION.
- LONG LEAD AND SCARCE MATERIALS SHALL BE ORDERED IN A TIMELY MANNER TO PREVENT AVOIDABLE CONSTRUCTION DELAYS.
- THE BOP CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE CAUSED BY CONSTRUCTION TO EXISTING UTILITIES AND FACILITIES WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. THE BOP CONTRACTOR SHALL REPAIR, RESTORE AND/OR REPLACE ALL DAMAGE TO THE SATISFACTION OF OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
- THE BOP CONTRACTOR SHALL RESTORE ALL DISTURBED SURFACES TO ORIGINAL OR BETTER CONDITION INCLUDING 6 INCHES OF TOPSOIL, SEED, FERTILIZER, AND MULCH. OTHER SURFACES SHALL BE RESTORED AS SHOWN ON THE DETAILS.

EROSION & SEDIMENT CONTROL PLAN NOTES:

- REFER TO THE CONSTRUCTION SEQUENCE IN THE PRELIMINARY SWPPP.
- THE BOP CONTRACTOR WILL INSTALL EROSION AND SEDIMENT CONTROL PRACTICES AS SHOWN ON THE SWPPP, AS WARRANTED BY SITE CONDITIONS, AND THROUGHOUT ALL PHASES OF CONSTRUCTION.
- ALL DISTURBED AREAS SHALL BE STABILIZED PER THE NYS STANDARDS FOR EROSION AND SEDIMENT CONTROL, AS NECESSARY BASED ON SITE CONDITIONS.
- DISTURBED AREAS SHALL BE AS SMALL AS PRACTICAL, AND SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED WITHIN THE TIME FRAME REQUIRED BY THE SWPPP.
- EROSION CONTROL MEASURES INCLUDING BUT NOT LIMITED TO A STABILIZED CONSTRUCTION ENTRANCE, STABILIZED CONSTRUCTION STAGING AREA AND SILT FENCE SHALL BE THE FIRST ITEMS CONSTRUCTED WHEN SITE WORK BEGINS, AND MUST BE COMPLETELY FUNCTIONAL BEFORE DOWN SLOPE LAND DISTURBANCE BEGINS.
- ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND OPERATED IN ACCORDANCE WITH THEIR DESIGN. ANY NEED FOR REPAIRS OR MAINTENANCE SHALL BE ADDRESSED IMMEDIATELY TO ASSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION THROUGHOUT THE CONSTRUCTION PROCESS.
- MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM AND FUEL TANK DRAIN DOWN, DEGREASING OPERATIONS AND OTHER ACTIVITIES THAT MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS MUST BE CONDUCTED OFF-SITE. ACCIDENTAL SPILLS MUST BE CLEANED UP IMMEDIATELY AND CONTAMINANTS DISPOSED OF PROPERLY.
- THE BOP CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING TO PROVIDE DUST CONTROL DURING CONSTRUCTION.
- THE BOP CONTRACTOR SHALL INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL PRACTICES, AS SHOWN ON THE DETAIL SHEETS, AS NECESSARY DURING THE COURSE OF CONSTRUCTION AT NO COST TO THE OWNER.
- THE BOP CONTRACTOR SHALL INSTALL AND MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE TO PREVENT THE TRANSPORT OF SEDIMENT ONTO PUBLIC ROADS AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- CONSTRUCTION ENTRANCES WILL BE INSTALLED FOR THE ACCESS ROADS AT EACH JUNCTION WITH A PUBLIC ROAD UNLESS OTHERWISE INDICATED ON THE FINAL CONSTRUCTION DRAWINGS.

D:\13039 Baron Wind\pdp\pdp\pdp\pdp\pdp\13039_0001.dwg