



- GENERAL NOTES:**
- THE PROJECT'S CONSTRUCTION PERIOD IS EXPECTED TO BE APPROXIMATELY 36 MONTHS. DURING THE CONSTRUCTION PERIOD NUMEROUS TYPES OF CONSTRUCTION ACTIVITY WILL OCCUR AT THE PROJECT SITE. THE FOLLOWING GENERAL SEQUENCE WILL PROCEED AS FOLLOWS:
 - SITE CONSTRUCTION WILL NEED TO PROCEED WITH GREATER THAN 5-ACRES OF SOIL DISTURBED AT A GIVEN TIME. AS THE DEVELOPMENT PLAN IS REFINED DURING THE SITE PLAN REVIEW AND PERMITTING PROCESS, A WAIVER TO DISTURB GREATER THAN 5-ACRES OF SOIL WILL BE REQUESTED FROM THE NYSDEC.
 - THE PROJECT SHALL NOT DISTURB 20 OR MORE ACRES OF LAND AT ONE TIME FOLLOWING AUGUST 1, 2011, AND SHALL NOT DISTURB MORE THAN 10 OR MORE ACRES OF LAND AT ONE TIME FOLLOWING FEBRUARY 2, 2014. SHOULD THE PROJECT DISTURB MORE THAN THE SPECIFIED AREAS DURING THE TIME PERIODS LISTED HEREIN, PROJECT SPONSOR MUST CONTROL TURBIDITY AND REPORT LEVELS OF TURBIDITY IN THE DISCHARGES IN ACCORDANCE WITH REQUIREMENTS AND METHODS TO BE ESTABLISHED BY THE ENVIRONMENTAL PROTECTION AGENCY.
 - BECAUSE THIS PROJECT WILL INVOLVE THE DISTURBANCE OF GREATER THAN FIVE ACRES OF SOIL AT ANY ONE TIME, SITE INSPECTIONS SHALL OCCUR AT AN INTERVAL OF AT LEAST TWICE EVERY SEVEN CALENDAR DAYS, WITH THE INSPECTIONS SEPARATED BY A MINIMUM OF AT LEAST TWO FULL CALENDAR DAYS.
 - EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING OTHER LAND DISTURBANCES AND WOULD NOT BE REMOVED UNTIL DISTURBED LAND AREAS ARE STABILIZED. PLEASE REFER TO EROSION AND SEDIMENT CONTROL PLANS FOR MORE INFORMATION.
- BELOW ARE DESCRIPTIONS OF ADDITIONAL MEASURES NOT OUTLINED ON SHEET SP1 THAT WOULD OR MAY BE USED DURING THE CONSTRUCTION PERIOD OF THE PROJECT:
- PROTECTION OF TREES/MATURE VEGETATION** - NATURAL VEGETATION WOULD BE PRESERVED WHENEVER POSSIBLE IN ACCORDANCE WITH THE SITE CLEARING AND GRUBBING PLAN. PRESERVING NATURAL AND MATURE VEGETATION WOULD PROVIDE AESTHETIC BUFFER, PRESERVE HABITAT, AND REDUCE SOIL EROSION. WHEN PRESERVING VEGETATION, FENCES WOULD BE INSTALLED TO PREVENT EQUIPMENT FROM DAMAGING AREAS DESIGNATED FOR PRESERVATION INCLUDING THE ESTABLISHED WETLANDS.
 - VEGETATED SWALES** - DURING THE EARLY PHASES OF CONSTRUCTION, SURFACE RUNOFF THAT IS RELATIVELY CLEAN AND FREE OF SEDIMENT WOULD BE DIVERTED OR OTHERWISE PREVENTED FROM FLOWING THROUGH AREAS OF CONSTRUCTION ACTIVITY ON THE PROJECT PARCEL VIA A SYSTEM OF TEMPORARY SWALES. THE SWALES WOULD ROUTE FLOW TO TEMPORARY RIP-RAP SEDIMENT TRAPS. DURING THE REMAINDER OF THE CONSTRUCTION PERIOD, AS WELL AS DURING THE OPERATIONS PHASE, AREAS OUTSIDE THE BUILDINGS AND PAVEMENT WOULD CONTINUE TO UTILIZE VEGETATED SWALES IN PREFERENCE TO A PIPED COLLECTION SYSTEM.
 - INLET PROTECTION** - STONE OR SILT FENCE WOULD BE USED TO PREVENT SEDIMENT INFLOW INTO CATCH BASINS DURING THE CONSTRUCTION PROCESS.
 - MULCHING** - MULCHING IS THE PLACEMENT OF MATERIAL, INCLUDING BUT NOT LIMITED TO HAY, GRASS, WOODCHIPS, STRAW, AND GRAVEL, ON THE SOIL SURFACE TO COVER AND HOLD IN PLACE DISTURBED SOILS. THIS IS COMPLEMENTARY TO SEEDING PRACTICES.
 - GEOTEXTILES** - GEOTEXTILES ARE POROUS FABRICS, CONSTRUCTION FABRICS, OR SIMPLY FABRICS. THEY ARE USED FOR FILTRATION, REINFORCEMENT, MATERIAL SEPARATION, MATTINGS, DRAINAGE APPLICATIONS AND EROSION CONTROL. FOR SEDIMENT AND EROSION CONTROL APPLICATIONS, THEY ARE MOST USED AS MATTINGS TO STABILIZE FLOW IN CHANNELS AND SWALES.
 - TEMPORARY SEEDING** - PLANTING OF FAST GROWING GRASSES PROVIDES RAPID STABILIZATION OF DISTURBED SURFACES THAT WOULD EXPERIENCE FURTHER DISTURBANCE OR CONSTRUCTION ACTIVITY AT A LATTER TIME. TEMPORARY SEEDING SURFACES WOULD HAVE GREATER RESISTANCE TO STORMWATER RUNOFF AND/OR WIND EROSION. MAINTENANCE SHOULD BE PERFORMED TO ASSURE CONTINUED STABILIZATION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES AND BEST MANAGEMENT PRACTICES USED DURING CONSTRUCTION SHOULD COMPLY WITH SPECIFICATIONS CONTAINED IN THE NEW YORK STATE EROSION & SEDIMENT CONTROL MANUAL.

- DESCRIPTIONS OF PRELIMINARY CONSTRUCTION PHASING:**
- DEMOLITION OF EXISTING STRUCTURES AND FOUNDATIONS ON THE SITE. INSTALLATION OF ACCESS DRIVE TO PARCEL TO NORTH. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO DEMOLITION AS IDENTIFIED ON SHEET SP2.
 - CLEARING AND GRUBBING OF THE SITE IN PREPARATION FOR THE CONSTRUCTION EFFORT TO FOLLOW. INSTALLATION OF CONSTRUCTION OFFICES AND TEMPORARY FACILITIES. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CLEARING AND GRUBBING ACTIVITIES AS IDENTIFIED ON SHEET SP2.
 - ROUGH GRADING AND ROCK REMOVAL FOR POWER BLOCK FOUNDATIONS.
 - INSTALLATION OF ALL UNDERGROUND UTILITIES THROUGHOUT THE ENTIRE SITE AREA, I.E. PIPING, ELECTRICAL CABLES AND DUCTBANKS, ETC. PROVIDE INLET PROTECTION FOR ALL CATCH BASINS.
 - ROUGH GRADE ACCESS DRIVES. SURFACE TO CONSIST OF CRUSHED STONE.
 - INSTALLATION OF HEAVY HAUL ROAD THROUGH THE CENTERLINE OF UNIT 3. SURFACE TO CONSIST OF CRUSHED STONE.
 - EXCAVATE AND INSTALL MUD MATS FOR ALL STEAM/GAS TURBINES AND STEP-UP TRANSFORMERS.
 - INSTALL FOUNDATIONS FOR STEAM TURBINE, GAS TURBINE AND STEP-UP TRANSFORMER FOR UNIT 1.
 - SET STEAM TURBINE, GAS TURBINE AND STEP-UP TRANSFORMER FOR UNIT 1.
 - INSTALL FOUNDATIONS FOR STEAM TURBINE, GAS TURBINE AND STEP-UP TRANSFORMER FOR UNIT 2. INSTALL FOUNDATION FOR HEAT RECOVERY STEAM GENERATOR (HRSG) UNIT 1.
 - SET STEAM TURBINE, GAS TURBINE AND STEP-UP TRANSFORMER FOR UNIT 2.
 - ENCLOSURES OF THE GENERATOR SETS MAY PROCEED AS EACH IS SET INTO PLACE.
 - INSTALLATION OF HRSG FOR UNIT 1, UTILIZING THE UNIT 1 AIR COOLED CONDENSER (ACC) AREA FOR LAYDOWN OF COMPONENTS. INSTALL FOUNDATION FOR HRSG UNIT 2.
 - INSTALLATION OF HRSG FOR UNIT 2, UTILIZING THE UNIT 2 ACC AREA FOR LAYDOWN OF COMPONENTS, FOLLOWED BY INSTALLATION OF HRSG ENCLOSURES FOR UNIT 1 AND 2.
 - ALL ANCILLARY AND BOP SYSTEMS, COMPONENTS, AND STRUCTURES CAN BE CONSTRUCTED AND SEQUENCED AS NEEDED TO LEVEL RESOURCES AND AVOID HIGH CONGESTED AREAS WITHOUT INTERFERENCE WITH THE POWER BLOCK INSTALLATIONS AS IT RELATES TO CONSTRUCTION OF FUEL GAS METERING STATION, REFER TO SHEET SP1 FOR INITIAL EROSION AND SEDIMENT CONTROL SEQUENCING.
 - INSTALLATION OF ACC UNIT 1.
 - INSTALLATION OF ACC UNIT 2.
 - INSTALLATION OF ACC UNIT 3.
 - INSTALLATION OF HRSG FOR UNIT 3, UTILIZING THE AREA JUST EAST OF THE FIN FAN COOLER FOR LAYDOWN. INSTALLATION OF THE HRSG ENCLOSURE TO FOLLOW.
 - INSTALL FOUNDATIONS FOR STEAM TURBINE, GAS TURBINE AND STEP-UP TRANSFORMER FOR UNIT 3.
 - SET STEAM TURBINE, GAS TURBINE AND STEP-UP TRANSFORMER FOR UNIT 3, FOLLOWED BY THE INSTALLATION OF THE ENCLOSURE.
 - BRING FINAL GRADING TO ELEVATION, INSTALL FIRST ROAD BASE, AND AREA GRAVEL.
 - CONVERT SEDIMENT TRAPS TO STORMWATER MANAGEMENT FACILITIES AS DEPICTED ON SHEET SP2. PREPARE SUBSURFACE SEWAGE DISPOSAL SYSTEM PAD.
 - ONCE SITE IS STABILIZED (VEGETATION ESTABLISHED), CONTACT PROJECT ENGINEER AND TOWN AUTHORIZED REPRESENTATIVE TO CONDUCT FINAL INSPECTION OF SITE PRIOR TO REMOVING REMAINDER OF EROSION AND SEDIMENT CONTROL MEASURES.
 - FACILITY SYSTEMS TESTING AND COMMISSIONING.
 - PLANT IS OPERATIONAL.
- *CONSTRUCTION PHASING LISTED ABOVE WILL BE REFINED WITH MORE DETAIL FOR EACH PHASE DURING THE SITE PLAN REVIEW PROCESS.

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SCALE: 1" = 60'

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rev.	date	description
2	04/24/12	REVISED PER TOWN & CLIENT COMMENTS
1	02/24/12	UPDATE FOR FEES

CRICKET VALLEY ENERGY

PRELIMINARY CONSTRUCTION PHASING PLAN

TOWN OF DOVER, DUTCHESS COUNTY, NEW YORK

drawn	checked
KPW	CL
date	scale
7/16/10	1" = 60'
project no.	
81001.00	
sheet no.	
SP3	