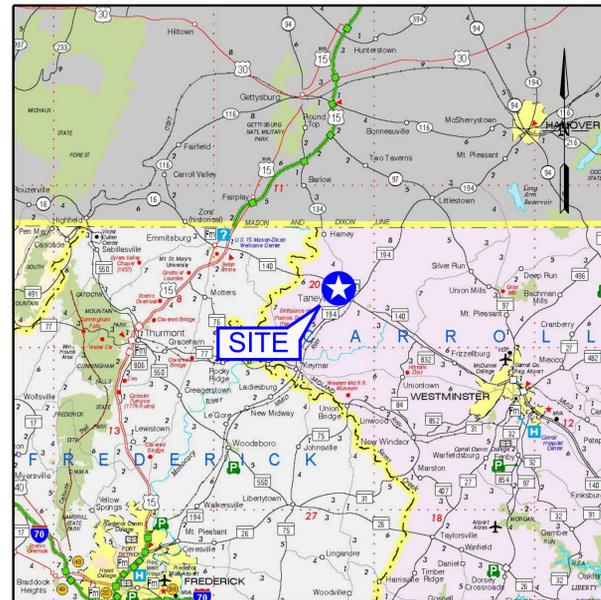


DRAWINGS FOR CONCEPT SITE DEVELOPMENT PLAN

TANEYTOWN PIKE SOLAR, LLC

1.98 MW AC SOLAR PROJECT

TANEYTOWN, CARROLL COUNTY, MARYLAND



VICINITY MAP
SCALE: 1" = 5 Miles

PREPARED FOR DEVELOPER:
ECONOX RENEWABLES INC.
P.O. BOX 808, WINCHESTER, MA 01890
(401) 692-2070

PROPERTY OWNER:
KEVIN & CHERI WILLIAMS
3443 BAPTIST ROAD, TANEYTOWN, MD 21787

PROJECT SITE ADDRESS:
ROUTE 140, TANEYTOWN, MD 21787

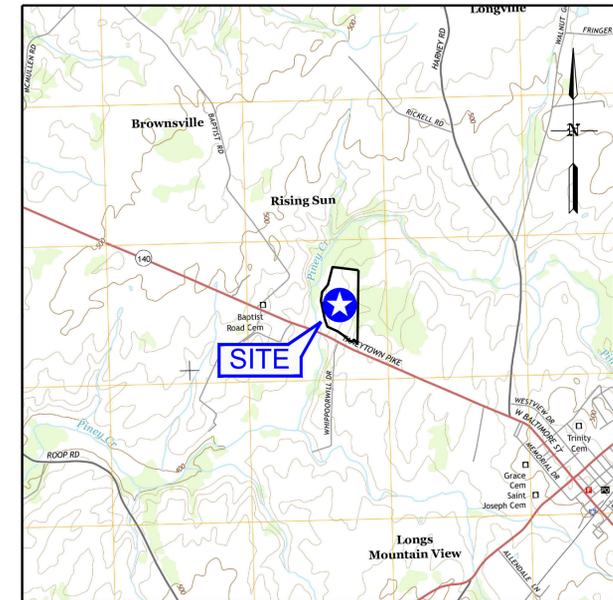
MISS UTILITY

CALL "MISS UTILITY" AT 1-800-257-7777 AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDER GROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.

OCTOBER 2025

LIST OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	EXISTING SITE CONDITIONS & WATER RESOURCES PLAN
3	PROPOSED SITE CONDITIONS PLAN
4	STORMWATER MANAGEMENT (SWM) & EROSION & SEDIMENT CONTROL (E&S) PLAN
5	SITE NOTES & DETAILS
6	EROSION & SEDIMENT CONTROL (E&S) NOTES & DETAILS
7	LANDSCAPE PLAN (PREPARED BY INTEGRITY FEDERAL SERVICES)
8	LANDSCAPE NOTES AND DETAILS (PREPARED BY INTEGRITY FEDERAL SERVICES)



LOCATION MAP
SCALE: 1" = 2000'

PREPARED BY:



ARM Group LLC
Engineers and Scientists
www.armgroup.net

HEADQUARTERS:

1129 West Governor Road • Hershey, PA 17033-0797
Ph: (717) 533-8600 Fax: (717) 533-8605

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No.	Revision	Date	By
0	COUNTY TRC SUBMISSION	10/16/2025	ARM

AS NOTED	DATE	10/16/2025
KJM	DESIGNED BY	
CDW	CHECKED BY	
KJM	PROJECT NO.	023011469

COVER SHEET	TANEYTOWN CARROLL COUNTY, MARYLAND
TANEYTOWN PIKE SOLAR, LLC 1.98 MW AC SOLAR PROJECT ECONOX RENEWABLES INC.	

SOILS LEGEND				
SYMBOL	DESCRIPTION (FARMLAND TYPE)	HSG	AREA OF PARCEL (AC)	% OF PARCEL
BeA	BERMUDIAN SILT LOAM, 0 TO 3 PERCENT SLOPES (PRIME FARMLAND IF PROTECTED FROM FLOODING OR NOT FREQUENTLY FLOODED DURING THE GROWING SEASON)	A	4.72	16.8
PhB	PENN SILT LOAM, 3 TO 8 PERCENT SLOPES (ALL AREAS PRIME FARMLAND)	B	12.77	45.5
PnC	PENN CHANNERY LOAM, 8 TO 15 PERCENT SLOPES (FARMLAND OF STATEWIDE IMPORTANCE)	B	10.58	37.7
TOTAL			28.07	100.0

- NOTES:**
- HSG: HYDROLOGIC SOIL GROUP
 - SOIL BOUNDARIES AND INFORMATION OBTAINED FROM NRCS WEB SOIL SURVEY.
 - NO HYDRIC SOILS ARE PRESENT ON THE SUBJECT PROPERTY.
 - NO SOILS ARE LISTED AS HAVING A K VALUE OF 0.35 OR GREATER, THEREFORE THERE ARE NO HIGHLY ERODIBLE SOILS ON THE SUBJECT PROPERTY.

NATURAL RESOURCE INVENTORY & ENVIRONMENTAL NOTES

- THE SIMPLIFIED FOREST STAND DELINEATION WAS CONDUCTED ON JUNE 27, 2024, BY JOSEPH G. ATZERT, QUALIFIED PROFESSIONAL. A TAPE WAS USED TO MEASURE THE DIAMETER OF THE TREES.
- WETLANDS AND OTHER SURFACE WATER FEATURES WERE DELINEATED BY ARM GROUP LLC ON MAY 20, 2024, WITHIN THE PROJECT AREA (+/- 20.7 ACRES). TWO (2) WETLANDS AND TWO (2) STREAMS WERE IDENTIFIED WITHIN THE PROJECT AREA. NO MARYLAND SPECIAL STATE CONCERN WETLANDS WERE MAPPED WITHIN THE PROJECT AREA.
- SPECIMEN TREES ARE PRESENT IN THE FOREST TO THE WEST AND EAST OF THE PROJECT AREA. HOWEVER, ANY CRITICAL ROOT ZONE LIMITS ARE AVOIDED.
- THE PROJECT IS WITHIN THE MONOCACY RIVER WATERSHED (HYDROLOGIC UNIT CODE: HJ10 02070009). THE PROJECT DRAINS TO PINEY CREEK, A TRIBUTARY TO MONOCACY RIVER, A TRIBUTARY OF THE UPPER POTOMAC RIVER, THE POTOMAC RIVER, AND FINALLY THE CHESAPEAKE BAY. THE PROJECT AREA IS SITUATED IN THE UPPER MONOCACY RIVER WATERSHED (MARYLAND 8-DIGIT WATERSHED CODE 02140303). ACCORDING TO CODE OF MARYLAND REGULATIONS (COMAR) 26.08.02.08, PINEY CREEK IS DESIGNATED AS USE I-P - RECREATIONAL TROUT WATERS AND PUBLIC WATER SUPPLY.
- ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP PANEL NO. 24013C0037D, EFFECTIVE 10/2/2015, THE PROJECT AREA OF DISTURBANCE IS LOCATED ENTIRELY OUT OF THE 100-YEAR FLOODPLAIN.
- A LETTER WAS SUBMITTED ON NOVEMBER 6, 2024, TO THE MARYLAND DEPARTMENT OF NATURAL RESOURCES (MDNR) WILDLIFE AND HERITAGE DIVISION REQUESTING INFORMATION ON ANY KNOWN STATE LISTED, RARE, THREATENED OR ENDANGERED SPECIES KNOWN TO OCCUR WITHIN THE PROJECT AREA. A CLEARANCE LETTER, DATED DECEMBER 17, 2024, INDICATED THAT NO STATE OR FEDERALLY THREATENED OR ENDANGERED SPECIES WILL BE IMPACTED BY THE PROJECT. MDNR NOTED THAT FOREST INTERIOR DWELLING SPECIES (FIDS) MAY BE PRESENT IN THE FOREST.
- THE UNITED STATES FISH AND WILDLIFE SERVICE (USFWS) INFORMATION FOR PLANNING AND CONSULTATION GENERATED ON SEPTEMBER 30, 2024, REVEALED THE INDIANA BAT (MYOTIS SOBELII), AN ENDANGERED SPECIES, AND THE MONARCH BUTTERFLY (DANNAUS PLEXIPPUS), A CANDIDATE SPECIES. CONSULTATION FOR THE INDIANA BAT IS ONLY REQUIRED FOR WIND POWER PROJECTS. CONSERVATION MEASURES FOR THE MONARCH BUTTERFLY SHOULD BE CONSIDERED DURING THE DESIGN PROCESS.
- A LETTER SUBMITTED WAS SUBMITTED ON NOVEMBER 6, 2024, TO THE MARYLAND HISTORICAL TRUST (MHT) REQUESTING INFORMATION ON ANY KNOWN HISTORICAL RESOURCES WITHIN THE PROJECT AREA. A CLEARANCE RESPONSE LETTER DATED NOVEMBER 26, 2024, INDICATED THAT THE UNDERTAKING WILL HAVE NO ADVERSE EFFECT ON HISTORIC PROPERTIES.
- CRITICAL AREA: NOT APPLICABLE. CHESAPEAKE AND ATLANTIC COASTAL BAY CRITICAL AREAS ARE NOT LOCATED WITHIN THE PROPERTY VICINITY.
- THE PROPOSED DEVELOPMENT IS NOT LOCATED WITHIN A SURFACE WATER PROTECTION OR AQUIFER PROTECTION AREA NOR A SURFACE WATER MANAGEMENT ZONE.
- OVERALL, THE FOREST ADJACENT TO THE PROJECT AREA TO THE WEST IS PRIMARILY CLASSIFIED AS DECIDUOUS MIXED HARDWOOD. THE FOREST LAND (STAND A AND STAND B) IS CONSIDERED PRIORITY AREA 1 DUE TO THE PRESENCE OF WETLANDS, STREAMS, FLOODPLAINS, AND ITS CONTIGUOUSNESS WITH A LARGER TRACT OF FOREST. THE FOREST ALONG THE EDGE OF THE AGRICULTURAL FIELD (STAND A) IS PRIMARILY COMPRISED OF BLACK WALNUT (JUGLANS NIGRA) AND TULIP POPLAR (LIRIODENDRON STYRACIFLUA) WITH ASSOCIATED SPECIES SUCH AS RED MAPLE (ACER RUBRUM) AND BLACK GUM (NYSSA SYLVATICA). THE WESTERN PORTION OF THE FOREST LAND (STAND B) IS PRIMARILY COMPRISED OF RIVER BIRCH AND RED MAPLE WITH ASSOCIATED SPECIES SUCH AS SWEET GUM AND GREEN ASH. THE UNDERSTORY WAS DOMINATED BY NORTHERN SPICEBUSH AND MULTIFLORA ROSE WITH OPEN AREAS CONTAINING RICE CUT GRASS (LEERSIA ORYZOIDES), REED CANARY GRASS (PHALARIS ARUNDINACEA), AND SWAMP NETTLE (BOEHMERIA CYLINDRICA). SPECIMEN TREES WERE PRESENT WITHIN THE FOREST. THE INVASIVE SPECIES OF CONCERN MULTIFLORA ROSE, JAPANESE HONEYSUCKLE, REED CANARY GRASS, AND WINBERRY (RUBUS PRINCEIOLASIS) ARE DOMINANT ALONG THE FOREST EDGE WITH THE AGRICULTURAL FIELD. STAND B CONTAINED DENSE PATCHES OF MULTIFLORA ROSE ALONG PINEY CREEK. A FORESTED FLOODPLAIN AND ASSOCIATED FORESTED WETLANDS ARE PRESENT ALONG PINEY CREEK.



PROJECT SITE NOTES

- THIS PLAN REPRESENTS AN ALTA / NSPS TITLE, BOUNDARY, AND TOPOGRAPHIC SURVEY PERFORMED BY JHA COMPANIES ON JUNE 18, 2024, AND UPDATED APRIL 15, 2025.
- THIS PLAN IS IN THE MARYLAND STATE PLANE, NORTH AMERICAN DATUM 1983 (NAD 83) HORIZONTAL COORDINATE SYSTEM AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).

PROPERTY: PARCEL: 0240, TAX MAP: 0018, GRID: 0006, TAX ID NO: 01-034650
 DEED BOOK: 7029, PAGE: 0020
 CARROLL COUNTY TAX MAP NO.: 07 01 034650
 ADDRESS: ROUTE 140, TANEYTOWN, MD 21787
 (NO 911 ADDRESS)
 COORDINATES: LATITUDE: 39.9888°N, LONGITUDE: -77.1954°W
 ELECTION DISTRICT: 1

PROPERTY OWNER: KEVIN & CHERI WILLIAMS
 3443 BAPTIST ROAD
 TANEYTOWN, MD 21787

PROJECT DEVELOPER: ECONOX RENEWABLES INC.
 P.O. BOX 808
 WINCHESTER, MA 01890
 (401) 692-2070

PROJECT APPLICANT / LEASE HOLDER / SYSTEM OPERATOR: TANEYTOWN PIKE SOLAR, LLC
 P.O. BOX 808
 WINCHESTER, MA 01890
 (401) 692-2070

ZONING: AGRICULTURAL (A) DISTRICT
 PROPERTY AREA: 28.07 AC ± (1,222,581 SF ±)
 LIMIT OF DISTURBANCE: 12.94 AC ± (563,597 SF ±)

EXISTING / ADJACENT USE: VACANT WOODLANDS / AGRICULTURAL
 PROPOSED USE: SOLAR ENERGY FACILITY

SYSTEM SIZE: 1.98 MW AC
 BUILDING SETBACKS: PROPERTY LINE - 100 FT (SOLAR)
 STREAM BUFFER - VARIABLE WIDTH (100 FT MAX)
 NON-TIDAL WETLANDS BUFFER - 25 FT

LEGEND

NOTE: LEGEND IS TYPICAL, NOT ALL OBJECTS IN LEGEND APPEAR IN PLAN.

	EXISTING CONTOURS
	DELINEATED WETLANDS
	NATIONAL WETLAND INVENTORY (NWI) FEATURE
	PROPERTY LINE
	ADJOINING PROPERTY LINE
	PROPERTY LINE SETBACK / NATURAL RESOURCE BUFFER
	EXISTING OVERHEAD ELECTRIC LINE W/ UTILITY POLE
	EXISTING MAPPED STREAM
	EXISTING VERIFIED STREAM
	EXISTING 100-YEAR FEMA FLOODPLAIN
	EXISTING DITCH
	EXISTING SOIL BOUNDARY AND DESCRIPTOR
	EXISTING TREELINE
	EXISTING FENCE
	EXISTING SIGN
	EXISTING CULVERT
	EXISTING EDGE OF PAVED ROAD
	EXISTING EDGE OF UNPAVED ROAD
	EXISTING GUIDERAIL
	EXISTING RIGHT-OF-WAY
	SPECIMEN TREE W/ CRZ
	EXISTING SLOPES 15% - 25%
	EXISTING SLOPES >25%

ARM Group LLC
 Engineers and Scientists
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EXISTING SITE CONDITIONS & WATER RESOURCES PLAN

TANEYTOWN
 CARROLL COUNTY, MARYLAND

Scale: 1" = 100'

DATE: 10/16/2025

PROJECT NO.: 023011469

Author: KJM

Checked: CDW

Drawn: KJM

Project: 1.98 MW AC SOLAR PROJECT

Client: ECONOX RENEWABLES INC.

DATE: 10/16/2025

BY: ARM

DATE: 10/16/2025

BY: ARM

Sheet

2

Project Title: TANEYTOWN PIKE SOLAR, LLC

Project Description: 1.98 MW AC SOLAR PROJECT

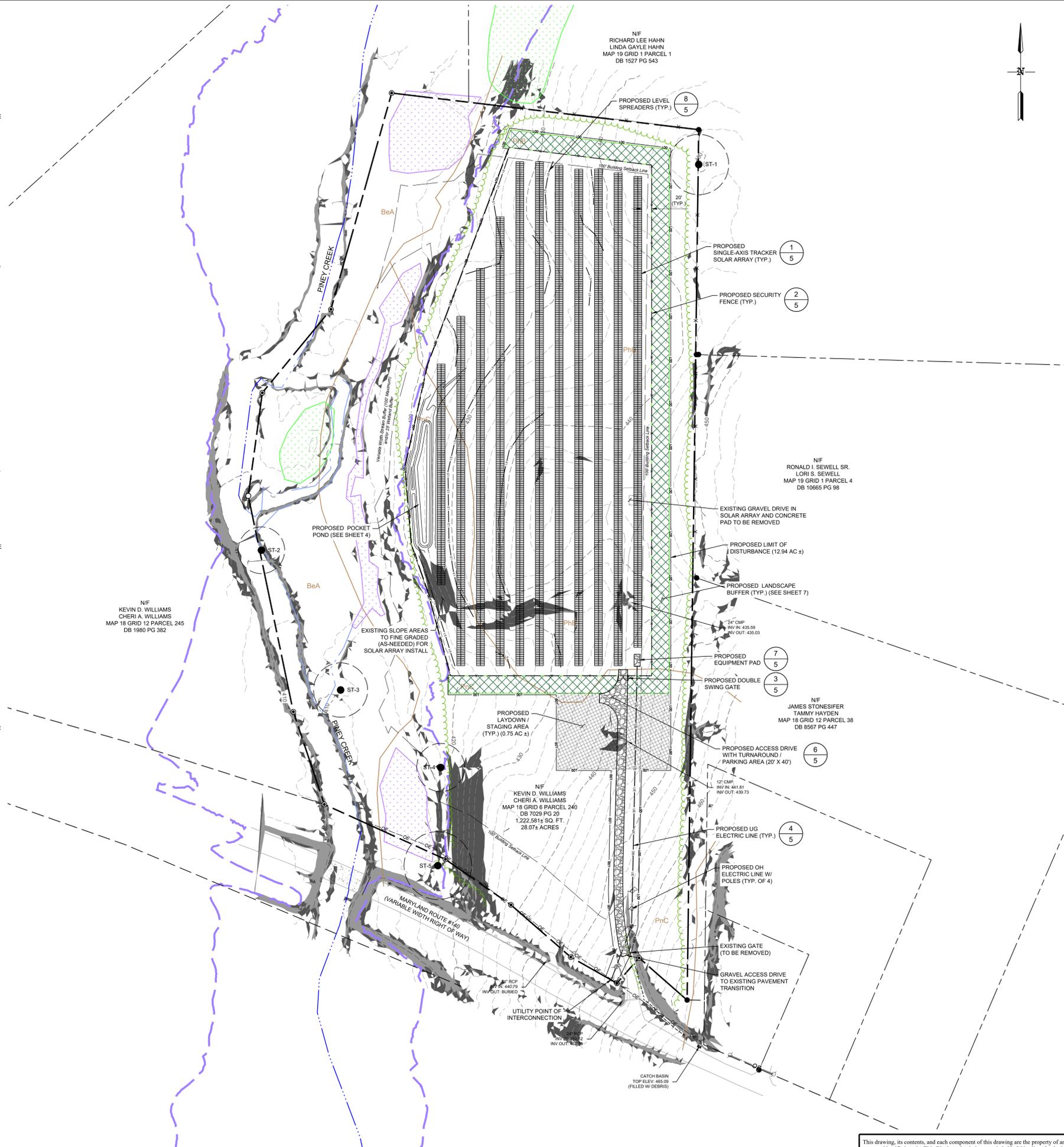
Client: ECONOX RENEWABLES INC.

S-25-0024

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CONSTRUCTION & PHASING NOTES

- THE PROJECT SCHEDULE INCLUDES THE FOLLOWING APPROXIMATE IMPLEMENTATION DATES:
 Q1 2026: FINAL DESIGN, PERMITTING, OBTAINING ALL NECESSARY APPROVALS, UTILITY COORDINATION, AND PROCUREMENT OF EQUIPMENT.
 Q2 2026: CONSTRUCTION OF THE SOLAR ARRAY.
 Q3 2027: COMMERCIAL OPERATION OF THE SOLAR ARRAY.
- CONSTRUCTION AND EQUIPMENT DELIVERIES WILL COME OFF OF CATOCTIN MOUNTAIN HIGHWAY (US-15) AND IMMEDIATELY TURN ONTO TANEYTOWN PIKE (MD-140).
- THE SOLAR ARRAY IS AN UNMANNED FACILITY AND WILL NOT REQUIRE PERMANENT WATER OR SEWERAGE FACILITIES, OR EMPLOYEES. PARKING IS LIMITED TO A 20 FT X 40 FT GRAVEL TURNAROUND AREA AS SHOWN OUTSIDE THE FENCED SOLAR ARRAY AREA. PARKING IS REQUIRED FOR OPERATION AND MAINTENANCE VEHICLES ONLY.
- NO HAZARDOUS OR REGULATED SUBSTANCES WILL BE USED, TRANSFERRED, OR STORED ON SITE.
- NO SITE LIGHTING IS PROPOSED.
- FEDERAL AVIATION ADMINISTRATION (FAA) NOTICE CRITERIA TOOL SHOWS THE PROJECT DOES NOT EXCEED NOTICE CRITERIA. ADDITIONALLY, THE MARYLAND AVIATION ADMINISTRATION (MAA) PROJECT LOCATOR DETERMINED THAT THE PROJECT IS NOT WITHIN AN AIRPORT DISTRICT AND NO FURTHER ACTION IS REQUIRED.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS BY ALL PERMITTING AUTHORITIES.
- THE OWNER/CONTRACTOR SHALL BE FAMILIAR WITH AND RESPONSIBLE FOR ANY/ALL CERTIFICATIONS, INSPECTIONS, ETC. REQUIRED BY ALL GOVERNING JURISDICTIONAL AGENCIES DURING AND AFTER CONSTRUCTION FOR SIGN-OFF AND CERTIFICATE OF OCCUPANCY ISSUANCE, INCLUDING BUT NOT LIMITED TO PROCUREMENT OF SERVICES, SCHEDULING OF FIELD OBSERVATIONS AND COORDINATION WITH REPRESENTATIVES OF THE APPROPRIATE PARTIES.
- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL COUNTY REGULATIONS AND CODES AND OSHA STANDARDS. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.
- ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ALL DIMENSIONS ARE INDICATIVE ONLY AND IN FEET, UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER IN WRITING IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ADJACENT TO PAVEMENT, STRUCTURES, ETC. THAT ARE TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING THE APPROPRIATE MEASURES AS NECESSARY TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT TO REMAIN, AND TO PROVIDE A SAFE WORK AREA.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING THE DAMAGE DONE TO ANY EXISTING ITEM DURING CONSTRUCTION SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ALL SIGNAL INTERCONNECT CABLE, CONDUITS AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION. REPAIR SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND NOTIFY CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION START.
- ALL UTILITIES AND SERVICES INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE SHALL BE VERTICALLY AND HORIZONTALLY LOCATED. THE CONTRACTOR SHALL USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.
- DEFINE AND LOCATE VERTICALLY AND HORIZONTALLY ALL ACTIVE UTILITY AND/OR SERVICE SYSTEMS THAT ARE TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN ALL ACTIVE SYSTEMS THAT ARE NOT BEING REMOVED/RELOCATED DURING SITE ACTIVITY.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
- ALL NEW UTILITIES/SERVICES, INCLUDING ELECTRIC, ETC. ARE TO BE INSTALLED UNDERGROUND UNLESS OTHERWISE NOTED ON THE PLANS. ALL NEW UTILITIES/SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE UTILITY/SERVICE PROVIDER INSTALLATION SPECIFICATIONS AND STANDARDS.
- THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
- EARTH DISTURBANCE SHALL BE MINIMIZED TO THE EXTENT PRACTICABLE. WORK SHALL ONLY BE CONDUCTED DURING SUITABLE WEATHER AND SOIL CONDITIONS AND VIZING VEHICLES AND MACHINERY THAT WILL NOT CAUSE ANY RUTTING, TRACKING, GOUGING, OR ANY OTHER EARTH DISTURBANCE.
- THIS PLAN IS FOR APPROVAL PURPOSES ONLY. EXACT PANEL ARRAY, INVERTER AND ELECTRICAL INTERCONNECT CONFIGURATION AND DIMENSIONS MAY CHANGE BASED ON ACTUAL EQUIPMENT AND MANUFACTURER SELECTION. HOWEVER, THE LEASE AREA MUST REMAIN WITHIN THE MAXIMUM EXTENTS AS SPECIFIED ON THE APPROVED SITE PLAN. CONTRACTOR TO USE FINAL CONSTRUCTION DRAWINGS FOR INSTALLATION PURPOSES.



LEGEND

NOTE: LEGEND IS TYPICAL, NOT ALL OBJECTS IN LEGEND APPEAR IN PLAN.

	EXISTING CONTOURS
	DELINEATED WETLANDS
	NATIONAL WETLAND INVENTORY (NWI) FEATURE
	PROPERTY LINE
	ADJOINING PROPERTY LINE
	PROPERTY LINE SETBACK / NATURAL RESOURCE BUFFER
	EXISTING OVERHEAD ELECTRIC LINE W/ UTILITY POLE
	EXISTING MAPPED STREAM
	EXISTING VERIFIED STREAM
	EXISTING 100-YEAR FEMA FLOODPLAIN
	EXISTING DITCH
	EXISTING SOIL BOUNDARY AND DESCRIPTOR
	EXISTING TREELINE
	EXISTING FENCE
	EXISTING SIGN
	EXISTING CULVERT
	EXISTING EDGE OF PAVED ROAD
	EXISTING EDGE OF UNPAVED ROAD
	EXISTING GUIDRAIL
	EXISTING RIGHT-OF-WAY
	SPECIMEN TREE W/ CRZ
	EXISTING SLOPES 15% - 25%
	EXISTING SLOPES >25%
	PROPOSED CONTOURS
	PROPOSED SECURITY FENCE
	PROPOSED LIMIT OF DISTURBANCE
	PROPOSED UNDERGROUND ELECTRIC LINE
	PROPOSED OVERHEAD ELECTRIC LINE W/ POLE
	PROPOSED ACCESS ROAD / EQUIPMENT PAD
	PROPOSED SOLAR MODULES
	PROPOSED LANDSCAPE BUFFER
	PROPOSED LAYDOWN / STAGING AREA
	PROPOSED LEVEL SPREADERS



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10/16/2025	ARM	By:	10/16/2025	ARM	By:
0	COUNTY TRC SUBMISSION	Revision	0	COUNTY TRC SUBMISSION	Revision
KJM	CDW	KJM	023011469	KJM	023011469
KJM	CDW	KJM	023011469	KJM	023011469

PROPOSED SITE CONDITIONS PLAN

TANEYTOWN PIKE SOLAR, LLC
1.98 MW AC SOLAR PROJECT
ECONOX RENEWABLES INC.

TANEYTOWN
CARROLL COUNTY, MARYLAND

Sheet 3

S-25-0024

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STANDARD E&S PLAN NOTES

- ALL EROSION/SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION IN ASSOCIATION WITH THE NATURAL RESOURCES CONSERVATION SERVICE AND THE MARYLAND ASSOCIATION OF SOIL CONSERVATION DISTRICTS (REFERENCED AS THE 2011 STANDARDS AND SPECIFICATIONS).
- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE OF CONSTRUCTION AND IN ACCORDANCE WITH THE APPROVED E&S CONTROL AND LANDSCAPE PLAN DRAWINGS. THE REVIEWING AGENCY SHALL BE NOTIFIED OF ANY CHANGES TO THE APPROVED PLAN PRIOR TO IMPLEMENTATION OF THOSE CHANGES. THE REVIEWING AGENCY MAY REQUIRE A WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL AT ITS DISCRETION.
- AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR EXPANDING INTO AN AREA PREVIOUSLY UNMARKED, MISS UTILITY OF MARYLAND SHALL BE NOTIFIED FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- ALL EARTHMOVING ACTIVITIES MUST INCORPORATE MEASURES TO MINIMIZE ACCELERATED EROSION. THE APPROVED DRAWINGS MUST BE AT THE SITE OF ACTIVITY AT ALL TIMES AND AVAILABLE FOR INSPECTION BY A REPRESENTATIVE OF THE COUNTY.
- EXISTING TOPSOIL MAY BE STOCKPILED, AS REQUIRED, IN THE DESIGNATED AREA ONSITE AND SHALL NOT BE REMOVED FROM THE SITE.
- AT NO TIME SHALL CONSTRUCTION VEHICLES BE ALLOWED TO ENTER AREAS OUTSIDE THE LIMIT OF DISTURBANCE BOUNDARIES SHOWN ON THE PLAN MAPS. THESE AREAS MUST BE CLEARLY MARKED BEFORE CLEARING AND GRUBBING OPERATIONS BEGIN.
- IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT ADDITIONAL (AS NEEDED) AND APPROPRIATE BEST MANAGEMENT PRACTICES TO MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENT POLLUTION AND NOTIFY THE COUNTY AND/OR MDE.
- UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPs SHALL BE MAINTAINED PROPERLY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT BMPs AFTER EACH RAINFALL EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, RESEEDING, REMULCHING AND RENEWING MUST BE PERFORMED IMMEDIATELY IF THE E&S BMPs FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPs, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
- A LOG SHOWING DATES THAT E&S BMPs WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO REGULATORY AGENCY OFFICIALS AT THE TIME OF INSPECTION.
- SEDIMENT TRACKED ONTO ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE RETURNED TO THE CONSTRUCTION SITE BY THE END OF EACH WORK DAY AND DISPOSED IN THE MANNER DESCRIBED IN THIS PLAN. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.
- ALL SEDIMENT REMOVED FROM BMPs SHALL BE USED FOR ONSITE EARTHWORK ACTIVITIES, OR TRANSPORTED OFFSITE TO AN APPROVED LOCATION WITH AN ACTIVE EROSION AND SEDIMENT CONTROL PLAN.
- DURING CONSTRUCTION, DUST MAY BE PRODUCED FROM NON-POINT SOURCES SUCH AS EARTHWORK AND CONSTRUCTION TRAFFIC ON UNPAVED ROADS. DUST IS EXPECTED TO BE LESS THAN NORMAL CONSTRUCTION CONDITIONS SINCE THIS PROJECT REQUIRES LITTLE TO NO EARTHWORK ACTIVITIES. HOWEVER, SOME WATER MAY BE NECESSARY FOR DUST CONTROL DURING CONSTRUCTION AND THE CONTRACTOR SHALL PROVIDE BULK WATER SERVICES AS NEEDED.
- IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE IN ANY AREA OR SUBAREA OF THE PROJECT, THE OPERATOR SHALL STABILIZE ALL DISTURBED AREAS. DURING NON-GERMINATING MONTHS, MULCH OR PROTECTIVE BLANKETING SHALL BE APPLIED AS DESCRIBED IN THE PLAN. AREAS NOT AT FINISHED GRADE, WHICH WILL BE REACTIVATED WITHIN ONE (1) YEAR, MAY BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY STABILIZATION SPECIFICATIONS. THOSE AREAS WHICH WILL NOT BE REACTIVATED WITHIN ONE (1) YEAR SHALL BE STABILIZED IN ACCORDANCE WITH THE PERMANENT STABILIZATION SPECIFICATIONS.
- E&S BMPs SHALL REMAIN FUNCTIONAL AS SUCH UNTIL ALL AREAS TRIBUTARY TO THEM ARE PERMANENTLY STABILIZED AND THE DEVELOPER SHALL NOTIFY THE COUNTY AND/OR MDE FOR INSPECTION PRIOR TO THE REMOVAL OF TEMPORARY EROSION CONTROL MEASURES.
- AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMPs MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OR CONVERSION OF THE BMPs SHALL BE STABILIZED IMMEDIATELY. IN ORDER TO ENSURE RAPID REVEGETATION OF DISTURBED AREAS, SUCH REMOVAL/CONVERSIONS ARE TO BE DONE ONLY DURING THE GERMINATING SEASON.
- FAILURE TO CORRECTLY INSTALL E&S BMPs, FAILURE TO PREVENT SEDIMENT-LADEN RUNOFF FROM LEAVING THE SITE, OR FAILURE TO TAKE IMMEDIATE CORRECTIVE ACTION TO RESOLVE FAILURE OF E&S BMPs MAY RESULT IN ADMINISTRATIVE, CIVIL, AND/OR CRIMINAL PENALTIES BEING INSTITUTED BY MDE.
- UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND/OR OPERATOR SHALL CONTACT THE ENGINEER AND COUNTY TO SCHEDULE A FINAL INSPECTION.

STORMWATER MANAGEMENT PLAN

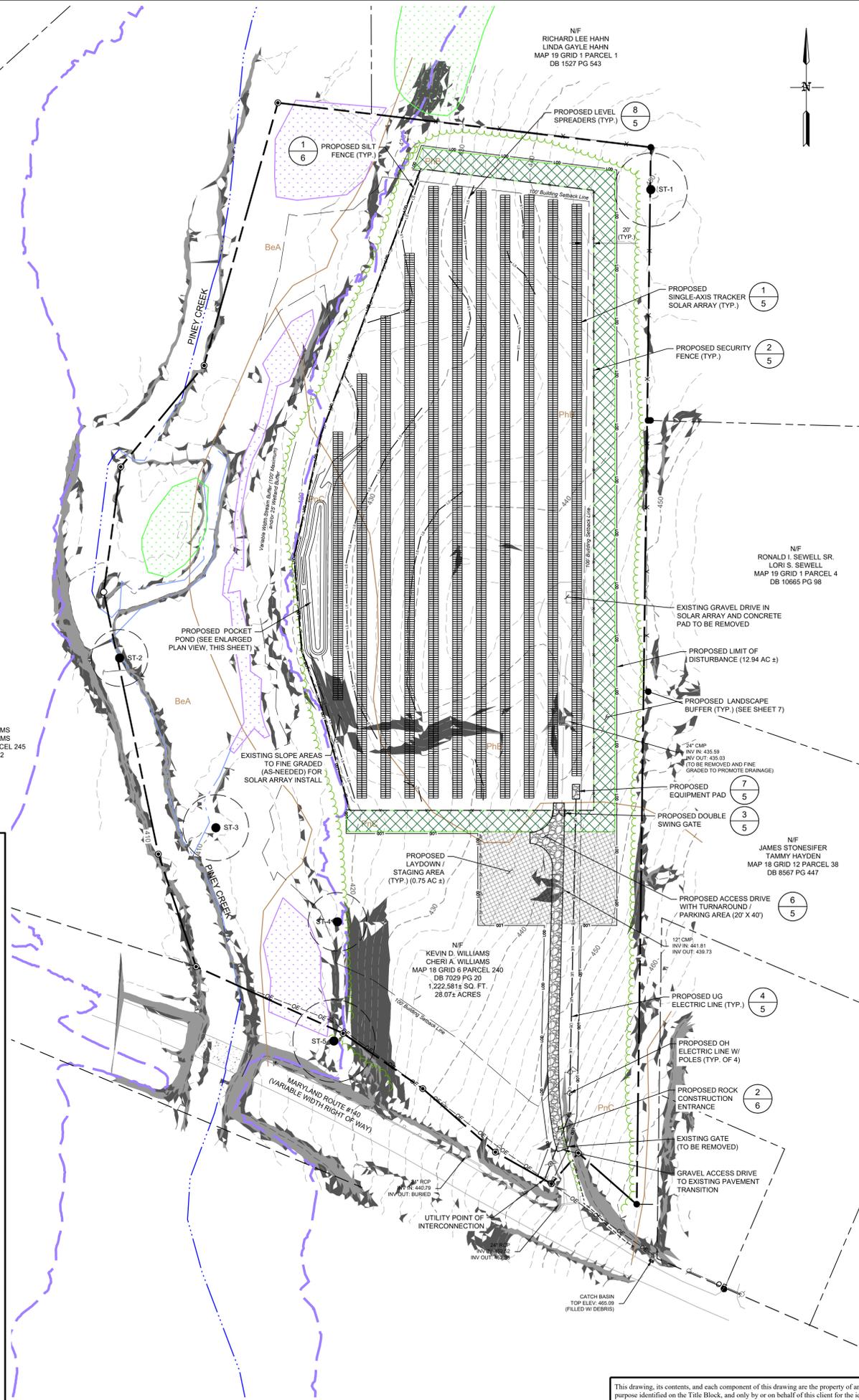
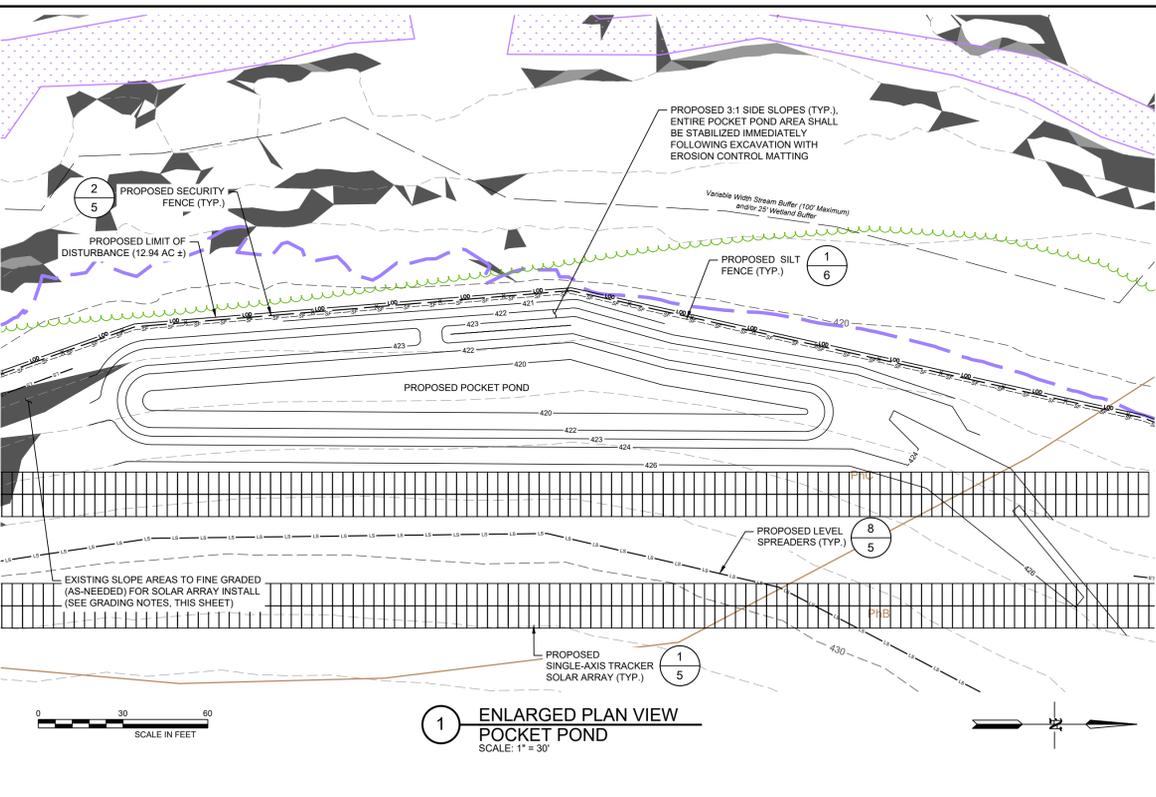
- PROJECT DEVELOPMENT CONSISTS OF THE CONSTRUCTION OF A SOLAR ARRAY ON THE 12.94 ACRES LIMIT OF DISTURBANCE BOUNDARY. THE ONLY PROPOSED IMPERVIOUS AREAS INCLUDE THE SOLAR ARRAY RACKING POSTS, EQUIPMENT PAD, SOLAR MODULES THAT DO NOT QUALIFY FOR DISCONNECTION PER CARROLL COUNTY SOLAR PANEL GUIDANCE, DATED MARCH 6, 2023, AND MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) STORMWATER DESIGN GUIDANCE - SOLAR PANEL INSTALLATIONS, DATED JANUARY 2013. THE PROPOSED ACCESS DRIVE IS GEOGRID REINFORCED AND IMPERVIOUS.
- ENVIRONMENTAL SITE DESIGN (ESD)
 - WATER QUALITY IS ADDRESSED BY APPLYING MARYLAND STORMWATER DESIGN MANUAL CHAPTER 5.4 NONSTRUCTURAL AND MICRO-SCALE PRACTICES, DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2). POST DEVELOPMENT STORMWATER RUNOFF IS CONVEYED VIA SHEET FLOW FROM THE PROPOSED SOLAR ARRAY AND IMPERVIOUS AREA TO DISCONNECTION AREAS.
 - DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2)
 - REFER TO SHEET 6, MAINTENANCE PROGRAM, FOR DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2) AREAS.

GRADING NOTES

- THE PROPOSED SOLAR ARRAY AND NON-ROOFTOP DISCONNECTION AREAS ARE ANTICIPATED TO REQUIRE LITTLE TO NO SPOT OR FINE GRADING, UNLESS NEEDED TO REMOVE ANY MINOR AREAS WHERE EXISTING TOPOGRAPHY EXCEEDS FIVE PERCENT (5%) SLOPE, RUTS OR DRAINAGE LEADS (FROM PREVIOUS FARMING OPERATIONS), AND FOR SEEDING PREPARATION; STABILIZATION TO OCCUR IMMEDIATELY FOLLOWING ANY FINE GRADING. NO CUT/FILL VOLUME (0 CY) IS PROPOSED.
- TOPSOIL THAT IS STRIPPED FROM THE EXISTING GROUND SHALL BE REINTRODUCED AS TOPSOIL PRIOR TO, AT, OR BEFORE FINAL GRADING TO ENCOURAGE PERMANENT STABILIZATION; EXISTING TOPSOIL SHALL NOT BE REMOVED FROM THE PROJECT SITE.
- CONTRACTOR SHALL COMPACT AND FINE GRADE THE TRENCHING BACKFILL TO ENSURE NO SETTLEMENT OR CHANNELIZATION.

STANDARD STABILIZATION NOTE

- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:
 - THREE (3) CALENDAR DAYS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, AND ALL SLOPES STEEPER THAN 3:1, AND;
 - SEVEN (7) CALENDAR DAYS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.



LEGEND

NOTE: LEGEND IS TYPICAL, NOT ALL OBJECTS IN LEGEND APPEAR IN PLAN.

- 450 - EXISTING CONTOURS
- DELINEATED WETLANDS
- NATIONAL WETLAND INVENTORY (NWI) FEATURE
- PROPERTY LINE
- ADJOINING PROPERTY LINE
- PROPERTY LINE SETBACK / NATURAL RESOURCE BUFFER
- EXISTING OVERHEAD ELECTRIC LINE W/ UTILITY POLE
- EXISTING MAPPED STREAM
- EXISTING VERIFIED STREAM
- EXISTING 100-YEAR FEMA FLOODPLAIN
- EXISTING DITCH
- EXISTING SOIL BOUNDARY AND DESCRIPTOR
- EXISTING TREELINE
- EXISTING FENCE
- EXISTING SIGN
- EXISTING CULVERT
- EXISTING EDGE OF PAVED ROAD
- EXISTING EDGE OF UNPAVED ROAD
- EXISTING GUIDERAIL
- EXISTING RIGHT-OF-WAY
- SPECIMEN TREE W/ CRZ
- EXISTING SLOPES 15% - 25%
- EXISTING SLOPES >25%
- PROPOSED CONTOURS
- PROPOSED SECURITY FENCE
- LOD - PROPOSED LIMIT OF DISTURBANCE
- UE - PROPOSED UNDERGROUND ELECTRIC LINE
- OE - PROPOSED OVERHEAD ELECTRIC LINE W/ POLE
- PROPOSED ACCESS ROAD / EQUIPMENT PAD
- PROPOSED SOLAR MODULES
- PROPOSED LANDSCAPE BUFFER
- PROPOSED LAYDOWN / STAGING AREA
- LS - PROPOSED LEVEL SPREADERS
- SF - PROPOSED SILT FENCE

SOIL CONSERVATION DISTRICT
The Development Plan is approved for Soil Erosion and Sediment Control by the Soil Conservation District.
Approved: _____ Carroll S.C.D./Date

OWNER/DEVELOPER
I certify that this plan of Soil Erosion & Sediment Control will be implemented to the fullest extent, and all structures will be installed to the design and specifications as spelled out in this plan and that any responsible personnel involved in construction of this project will have a certification of attendance at a Department of the Environment approved training program for the control of soil erosion and sediment before beginning the project. I also authorize periodic on-site evaluation by the Carroll Soil Conservation District personnel and cooperating agencies.
Developer: _____ Date _____
Printed Name of Developer _____
Developer Company Name _____
Developer Phone Number _____

ENGINEER
I certify that this plan of Sediment Control is designed with my personal knowledge of the site conditions and has been designed to the Standards and Specifications adopted by the Carroll Soil Conservation District.
Engineer/Date _____

ARM Group LLC
Engineers and Scientists
www.armgroup.net

TANEYTOWN PIKE SOLAR, LLC
1.98 MW AC SOLAR PROJECT
ECONOX RENEWABLES INC.

SWM & E&S PLAN

TANEYTOWN
CARROLL COUNTY, MARYLAND

Project No. 023011469
Date 10/16/2025
Revision 0

Scale: 1" = 100'

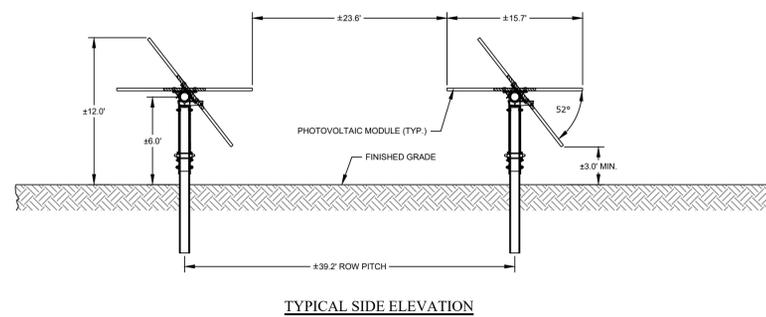
Sheet **4**

S-25-0024

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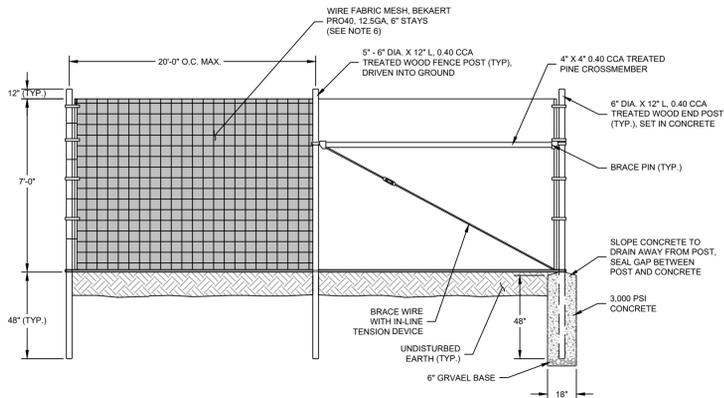
SEQUENCE OF CONSTRUCTION

- CONTACT THE CARROLL COUNTY SEDIMENT CONTROL INSPECTOR (410-386-2210) AT LEAST TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION TO SCHEDULE A PRE-CONSTRUCTION MEETING. AN ON-SITE PRE-CONSTRUCTION MEETING WILL TAKE PLACE BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES. THE OWNER AND/OR OPERATOR WILL INVITE ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES, LANDOWNER, ENGINEER, AND COUNTY.
- CONTRACTOR SHALL NOTIFY MISS UTILITY (1-800-257-7777) A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION. THE NPDES NOI SHALL BE RECEIVED FROM MDE AND A COPY PROVIDED TO START OF CONSTRUCTION.
- IDENTIFY AND DELINEATE THE LIMITS OF DISTURBANCE (LOD), FOREST PROTECTION MEASURES PER THE APPROVED FOREST CONSERVATION PLAN, ALONG WITH THE LOCATIONS OF THE EAS CONTROLS AND OTHER PERTINENT CONSTRUCTION FEATURES PRIOR TO SITE CONSTRUCTION. THE DEVELOPER IS RESPONSIBLE TO ENSURE THAT DISTURBANCE DOES NOT OCCUR OUTSIDE OF THE DEMARCATED LOD.
- INSTALL THE SILT FENCE AND FOREST PROTECTION MEASURES IN ALL LOCATIONS ON THE EAS CONTROL PLAN AND APPROVED FOREST CONSERVATION PLAN, RESPECTIVELY.
- CONTACT THE COUNTY AND/OR MDE TO INSPECT INSTALLATION OF ALL PERIMETER CONTROLS. NO EARTH DISTURBANCE MAY COMMENCE UNTIL APPROVAL OF THE INSPECTION AGENCY IS RECEIVED.
- INSTALL THE PROPOSED STABILIZED ROCK CONSTRUCTION ENTRANCES AS SHOWN ON THE DRAWINGS. SOME GRADING WILL BE ASSOCIATED WITH THE CONSTRUCTION OF THE ROCK CONSTRUCTION ENTRANCE TO PROVIDE ADEQUATE GRADES FROM THE EXISTING ROAD ELEVATION.
- DEMARCATHE THE LAYDOWN AREA.
- IF DEWATERING IS REQUIRED AT ANY TIME DURING CONSTRUCTION (I.E., TRENCHING, GENERAL SITE EXCAVATION, ETC.), THE CONTRACTOR SHALL:
 - USE A PROPERLY SIZED FILTER BAG OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICE (BMP) TO PREVENT SEDIMENT FROM LEAVING THE SITE. REFER TO DETAIL F-4 OF THE MDE ESC MANUAL.
 - DIRECT DISCHARGE TO A STABLE, NON-EROSIVE, WELL-VEGETATED AREA WITHIN THE LOD.
 - ENSURE THE DISCHARGE VOLUME AND FLOW RATE REMAIN BELOW MDE'S THRESHOLD FOR A DEWATERING PERMIT. IF FLOWS EXCEED OR ARE EXPECTED TO EXCEED REGULATORY THRESHOLDS, THE CONTRACTOR MUST HALT OPERATIONS AND OBTAIN THE NECESSARY PERMIT(S).
- PERFORM SITE GRADING IN PREPARATION OF SOLAR CONSTRUCTION, FOR THE CONSTRUCTION OF THE ACCESS DRIVE AND EQUIPMENT PAD, AND STORMWATER MANAGEMENT FEATURES. INSTALL LEVEL SPREADERS.
- INSTALL GEOGRID AND SUBBASE MATERIAL FOR THE ACCESS DRIVE AND EQUIPMENT PAD IN ACCORDANCE WITH THE SPECIFICATION PROVIDED ON THE PLANS.
- PLACE FINISHED STONE FOR ACCESS DRIVE TO REDUCE THE POTENTIAL FOR WASHOUT DURING RAIN EVENTS.
- INSTALL EQUIPMENT PAD IN PREPARATION FOR ELECTRICAL EQUIPMENT INSTALLATION.
- INSTALL PERMANENT SECURITY PERIMETER FENCING.
- INSTALL SOLAR ARRAY RACKING SYSTEM. NOTE THAT INSTALLATION OF RACKING MAY BE INITIATED PRIOR TO THE COMPLETION OF INSTALLATION OF FENCING, AS APPROPRIATE.
- INSTALL SOLAR PANEL MODULES, INVERTERS, ELECTRICAL STRINGS, TRANSFORMER, AND THE REMAINDER OF THE ELECTRICAL SYSTEMS ASSOCIATED WITH THE PHOTOVOLTAIC ARRAY.
- INSTALLATION OF THE PROPOSED SECURITY FENCING, RACKING MODULES, AND ALL NON-PERMANENT EQUIPMENT ASSOCIATED WITH THE PV ARRAY SHALL BE COMPLETED USING TRACKED EQUIPMENT AND DURING DRY WEATHER EVENTS TO ENSURE NO ADDITIONAL SOIL DISTURBANCES OCCUR OUTSIDE OF THE DEMARCATED LOD.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT INSTALLATION ONLY OCCURS WHEN SITE SOILS ARE DRY TO REDUCE THE LIKELIHOOD OF RUTTING OR DISTURBANCE OF SOIL SUBSTRATE TO THE GREATEST EXTENT POSSIBLE. IF RUTTING OR EROSION OCCURS DURING CONSTRUCTION ON NON-PERMANENT FEATURES, WORK SHALL CEASE IMMEDIATELY, AND IMPACTED AREAS SHALL BE IMMEDIATELY STABILIZED IN ACCORDANCE WITH THE TEMPORARY AND PERMANENT SEEDING SPECIFICATIONS PROVIDED ON THE EROSION AND SEDIMENT CONTROL PLANS.
- ALL EROSION AND SEDIMENT CONTROL BMPS SHALL BE LEFT IN PLACE UNTIL A UNIFORM STABILIZED VEGETATIVE COVER IS ACHIEVED.
- COMPLETE SITE STABILIZATION IN ACCORDANCE WITH THE SPECIFICATIONS PROVIDED ON SHEET 6.
- RECLAIM LAYDOWN AREAS AND IMMEDIATELY HAVE TOPSOIL RESTORED, REPLACED, OR AMENDED, SEEDED, MULCHED, OR OTHERWISE PERMANENTLY STABILIZED AND PROTECTED FROM ACCELERATED EROSION AND SEDIMENTATION. NON-GRAVEL AREAS WILL BE RECLAIMED TO MEADOW CONDITIONS, OR BETTER, AND WILL BE SEEDED AND MULCHED TO HELP STABILIZE THE DISTURBED AREAS.
- UPON ESTABLISHMENT OF UNIFORM PERENNIAL VEGETATIVE COVER OVER DISTURBED AREAS AND WITHIN THE SOLAR ARRAY FENCE, THE DEVELOPER SHALL NOTIFY THE COUNTY AND/OR MDE FOR INSPECTION PRIOR TO THE REMOVAL OF TEMPORARY EROSION CONTROL MEASURES.
- THE SEQUENCE OF CONSTRUCTION LISTED ABOVE IS FOR USE BY THE CONTRACTOR AS A GENERAL GUIDELINE FOR CONSTRUCTION ACTIVITIES AND MAY BE ADJUSTED, AS NEEDED, UPON APPROVAL IN WRITING BY THE ENGINEER AND COUNTY.
- CONTRACTOR STORAGE, PARKING, AND STAGING WILL BE CONFINED WITHIN THE DEMARCATED LOD AND IN THE AREAS DESIGNATED ON THE PLANS AS STAGING AREA; NO STORAGE, PARKING, OR STAGING SHALL OCCUR OUTSIDE THE STAGING AREA.



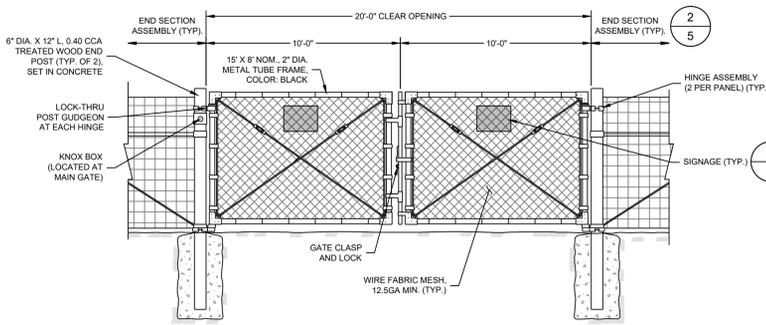
NOTES:
1. THE INFORMATION SHOWN HERE IS FOR GENERAL REFERENCE ONLY. ARRAY CONFIGURATION DIMENSIONS SHOWN HERE MAY VARY.

1 DETAIL PHOTOVOLTAIC ARRAY (TYP.) NOT TO SCALE

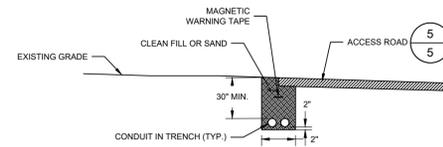


- NOTES:
- FENCE SHALL BE PLACED ALONG ENTIRE PERIMETER AS SHOWN ON THE PLANS.
 - FENCE SHALL BE INSTALLED FLUSH TO FINISHED GRADE.
 - POSTS SHALL BE SPACED EQUAL DISTANCES APART. MAXIMUM SPACING SHALL BE 20'-0" ON CENTER UNLESS DIRECTED OTHERWISE ON THE PLANS.
 - CROSSMEMBER BRACES AND BRACE WIRE SHALL BE SECURELY FASTENED TO POST WITH BRACE PINS, INCLUDING THREADED, IN-LINE TENSION DEVICE FOR BRACE WIRE.
 - GROUND WIRE SHALL BE ATTACHED TO FENCE FABRIC BY MEANS OF A SPLIT BOLT.
 - WIRE FABRIC MESH SHALL BE STRETCHED TO A SMOOTH AND UNIFORM FINISH BY MEANS OF A SPLIT BOLT AND PLACED ON THE EXTERIOR SIDE OF POST.
 - WIRE MESH SHALL INCLUDE BLACK OR GREEN VINYL SCREENING FABRIC.
 - DETAILS SHOWN INDICATE GENERAL DESIGN AND DIMENSIONS MAY VARY AMONG MANUFACTURERS.
 - GATE AND CORNER POSTS SHALL BE SET IN CONCRETE UNLESS SHOWN OTHERWISE ON THE PLANS.

2 DETAIL SECURITY / WILDLIFE FENCE (TYP.) NOT TO SCALE

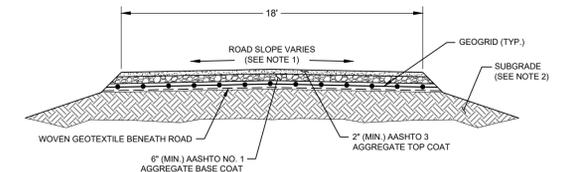


3 DETAIL DOUBLE SWING GATE (20') (TYP.) NOT TO SCALE



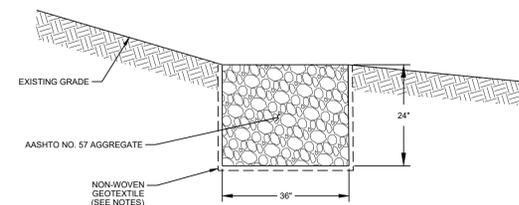
- NOTES:
- CONDUIT LAYOUTS TO BE DETERMINED.
 - SECTION TO BE CONFIRMED BY ELECTRICAL ENGINEER PRIOR TO CONSTRUCTION.

4 DETAIL CONDUIT TRENCH (TYP.) NOT TO SCALE



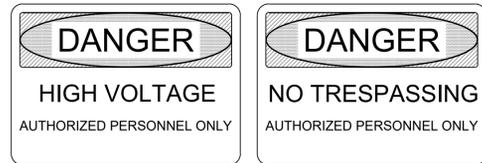
- NOTES:
- IN CASES WHERE THE ACCESS ROAD IS ACCOMPANIED BY A ROADSIDE CHANNEL, THE ROAD SHALL BE GRADED AT A SLOPE OF 2% TOWARDS THE CHANNEL. IN ALL OTHER CASES, THE ACCESS ROAD SHALL BE CROWNED WITH A 2% SLOPE.
 - SUBGRADE WITHIN THE ACCESS ROAD LIMITS SHALL REMAIN UNCOMPACTED TO MAINTAIN THE DESIRED INFILTRATION PROPERTIES. THE EXCAVATION OF ANY ROAD SURFACES SHOULD BE CONDUCTED BY EQUIPMENT OPERATING FROM BEYOND THE FOOTPRINT OF THE ROAD OR WITH LOW GROUND PRESSURE EQUIPMENT THAT WILL NOT DECREASE THE INFILTRATION CAPACITY OF THE UNDERLYING SOILS. IF SOILS ARE INADVERTENTLY COMPACTED, THEY SHOULD BE LOOSENEED BY TILLING, DISC HARROWING, OR OTHER METHOD APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO GEOGRID INSTALLATION.
 - SECTION TO BE CONFIRMED BY GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION.
 - WHERE OVERLAPPING OF GEOTEXTILE FABRIC IS REQUIRED, SUBCONTRACTOR SHALL OVERLAP A MINIMUM OF 24".
 - REMOVE TEMPORARY CONSTRUCTION ACCESS ROAD AND RESTORE TO PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE OWNER AND/OR AHJ.

5 DETAIL ACCESS ROAD (TYP.) NOT TO SCALE



- NOTES:
- LEVEL SPREADER DESIGN AS PER PER CARROLL COUNTY SOLAR PANEL GUIDANCE, DATED MARCH 6, 2023.
 - ESTABLISH PREPARED SUBGRADE AND STABILIZE SIDES OF LEVEL SPREADER TRENCH PRIOR TO INSTALLATION OF GEOTEXTILE FABRIC AND BACKFILLING WITH STONE.
 - GEOTEXTILE TO BE INSTALLED ON ALL SIDE FACES AND BOTTOM SURFACE OF TRENCH. GEOTEXTILE TO BE NON-WOVEN, 8 OZ/SY MINIMUM, OR APPROVED EQUAL.
 - LEVEL SPREADERS SHALL BE INSTALLED PARALLEL TO CONTOURS AT MAXIMUM INTERVALS OF EVERY 10 FEET VERTICAL OR EVERY 100 FEET HORIZONTAL, WHICHEVER IS CLOSER.

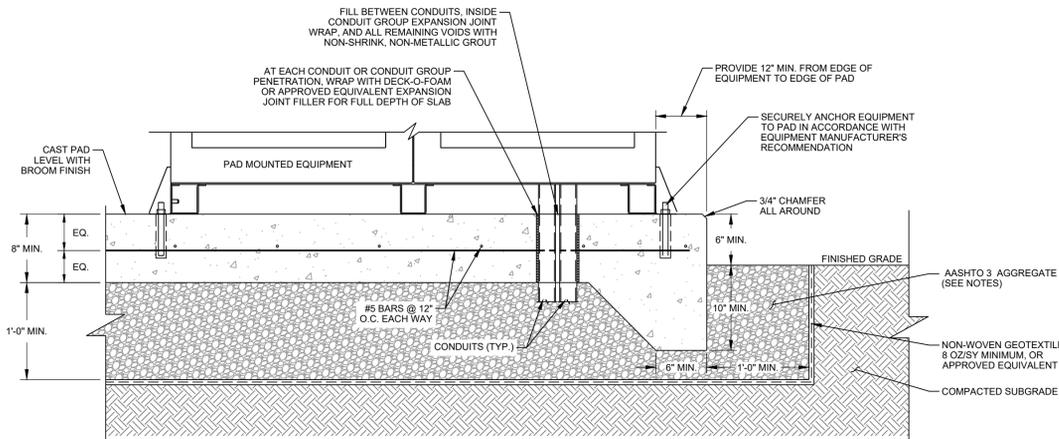
8 DETAIL LEVEL SPREADER (TYP.) NOT TO SCALE



OWNER: TANEYTOWN PIKE SOLAR, LLC
CONTACT: (410) 692-2070
ADDRESS:
ROUTE 140, TANEYTOWN, MD 21787
COORDINATES:
LATITUDE: 39.6688°N, LONGITUDE: -77.1954°W
IN CASE OF EMERGENCY DIAL 9-1-1
NO TRESPASSING
AUTHORIZED PERSONNEL ONLY

- NOTES:
- SIGNS SHALL BE 24" WIDE BY 18" HIGH, 10 GAUGE ALUMINUM WITH HIGH VISIBILITY REFLECTIVE SHEETING.
 - LOCATION: ALL ACCESS POINTS TO THE SITE AND EVERY 250' AROUND THE PERIMETER SECURITY FENCING.

6 DETAIL SIGNAGE (TYP.) NOT TO SCALE



- NOTES:
- REMOVE TOP SOIL AND ORGANIC MATERIAL FULL DEPTH WITHIN PAD BEARING AREA.
 - GRAVEL SUBGRADE SHALL BE WELL GRADED GRAVEL, SUITABLE FOR BEARING AND SHALL BE COMPACTED WITH A HEAVY VIBRATORY COMPACTOR (INSTALLED IN 8" MAX. LIFTS FOR ANY NEW GRAVEL FILL).
 - EQUIPMENT PAD SHALL BE FLAT, LEVEL SURFACE, LEVELED TO WITHIN 1/8" PER ANY SQUARE YARD. REFER TO ELECTRICAL DRAWINGS FOR PAD DIMENSIONS.
 - SECTION TO BE CONFIRMED BY GEOTECHNICAL AND/OR STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.

7 SECTION CONCRETE EQUIPMENT PAD (TYP.) NOT TO SCALE



10/16/2025	ARM	By
0	COUNTY TRC SUBMISSION	Revision

AS NOTED	DATE	BY
KJM	10/16/2025	ARM
CDW		
KJM	023011469	ARM

TANEYTOWN PIKE SOLAR, LLC
1.98 MW AC SOLAR PROJECT
ECONOX RENEWABLES INC.
CARROLL COUNTY, MARYLAND

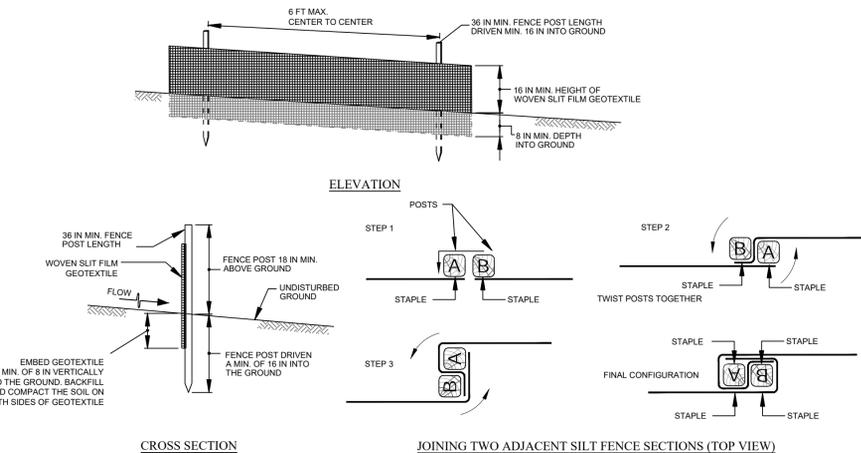
SITE NOTES & DETAILS
Sheet 5

MAINTENANCE PROGRAM

THE OWNER WILL RETAIN RESPONSIBILITY FOR INSPECTION, MAINTENANCE, AND UPKEEP OF THE PERMANENT STORMWATER BMPs DESCRIBED WITHIN THIS PLAN UNTIL SUCH TIME AS THE PROPERTY IS SOLD OR RESPONSIBILITY IS LEGALLY ASSUMED BY ANOTHER PARTY. BMPs WILL BE MAINTAINED ACCORDING TO THE APPLICABLE MDE REQUIREMENTS. IN GENERAL, MAINTENANCE WILL INCLUDE INSPECTIONS ON A QUARTERLY BASIS AND PERIODIC REPAIRS AND RE-VEGETATION AS NECESSARY. DETAILS REGARDING MAINTENANCE OF BMPs ARE PRESENTED BELOW AND ON THE PLAN DRAWINGS. ALL INSPECTIONS SHALL BE DOCUMENTED.

THE FOLLOWING MAINTENANCE PROGRAM WILL BE FOLLOWED UNTIL THE SITE IS COMPLETELY STABILIZED AFTER CONSTRUCTION. DURING CONSTRUCTION, THE CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF ALL E&S FEATURES.

- ALL TEMPORARY E&S CONTROL MEASURES WILL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT (0.25 INCH OF RAIN IN A 24-HOUR PERIOD). ALL DEFECTIVE EROSION CONTROL MEASURES WILL BE REPAIRED IMMEDIATELY.
 - SILT FENCE: REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES TWENTY-FIVE PERCENT (25%) OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.
 - STABILIZED ROCK CONSTRUCTION ENTRANCE: CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE IMMEDIATELY. IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAYS, THE LENGTH OF THE ROCK CONSTRUCTION ENTRANCE WILL BE EXTENDED IN INCREMENTS OF 50 FEET UNTIL CONDITIONS ARE ALLEVIATED. ALTERNATIVELY A MOUNTABLE BERM MAY BE INSTALLED.
- ALL PERMANENT E&S CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT (0.25 INCH OF RAIN IN A 24-HOUR PERIOD) UNTIL THE SITE IS RECLAIMED IN ITS ENTIRETY. ALL DEFECTIVE EROSION CONTROL MEASURES WILL BE REPAIRED IMMEDIATELY FOLLOWING COMPLETE SITE STABILIZATION AND ESTABLISHMENT OF 95% VEGETATIVE COVER. THE ENTIRETY OF THE SITE WITHIN THE PROJECT AREA SHALL BE INSPECTED ON A QUARTERLY BASIS FOR BARE SPOTS OR SIGNS OF EROSION. ANY BARE SPOTS ARE TO BE RE-SEED AND ANY ERODED AREAS ARE TO BE RESTORED AND STABILIZED IMMEDIATELY.
 - PERMANENT SEEDING: SEEDING WILL BE APPLIED IN THE LOCATIONS AND RATES SPECIFIED ON THE DRAWINGS. INSPECT SEEDED AREAS IMMEDIATELY AFTER STABILIZATION, PRIOR TO LEAVING SITE, AND AT SIX MONTH INTERVALS FOR ONE YEAR, THEN YEARLY FOR EACH SUBSEQUENT YEAR. VEGETATION COVER AND SIGNS OF EROSION WILL ALSO BE CHECKED AND IMMEDIATELY REPAIRED, RE-SEED, AND FERTILIZED, AS NECESSARY. ADHERE TO SUPPLIER'S MAINTENANCE DIRECTIONS FOR EACH SEED MIX.
 - UPLAND NATIVE RE-VEGETATION: UPLAND NATIVE MAINTENANCE SCHEDULE AS RECOMMENDED BY SUPPLIER. ADHERE TO SUPPLIER'S MAINTENANCE DIRECTIONS FOR EACH SEED MIX.
 - FIRST YEAR MAINTENANCE: OBSERVATION OF THE GROWTH OF DESIRED SPECIES AND WEED COMPETITION IS ESSENTIAL TO MAKING MAINTENANCE DECISIONS. WHEN VEGETATION REACHES TWELVE TO EIGHTEEN (12-18) INCHES TALL, MOW TO NO LESS THAN SIX (6) INCHES HIGH (WITH A BRUSH MOWER OR WEED EATER) TO PREVENT THE WEEDS FROM GOING TO SEED. MOST NATIVE PLANTS WILL GROW DEEPER ROOT SYSTEMS THAN TOPS IN THE FIRST YEAR AND MOWING TO SIX TO EIGHT (6-8) INCHES HIGH WILL NOT HURT THEM. THIS ALLOWS SUFFICIENT TO REACH THE DESIRED SPECIES. DO NOT MOW WITH A LAWNMOWER. MOWING TOO CLOSE ENCOURAGES WEEDY SPECIES.
 - SECOND YEAR MAINTENANCE: MOW ONCE, AS CLOSE TO THE GROUND AS POSSIBLE, IN EARLY SPRING. THIS ALLOWS THE SOIL TO WARM MORE QUICKLY AND YOUNG NATIVE PLANTS TO EMERGE.
- ACCESS ROAD: INSPECT GEOGRID AND GRAVEL AND/OR GRASS ACCESS ROAD FOR POTHoles AND RUTTING. FILL, REGRADE, AND ADD ADDITIONAL GRAVEL AND/OR TOPSOIL AS NECESSARY. REVEGETATE THE GRASS LINED ROADS.
- DISCONNECTION AREAS:
 - SITE DISTURBANCE: CONSTRUCTION VEHICLES AND EQUIPMENT SHOULD AVOID AREAS RECEIVING DISCONNECTED RUNOFF TO MINIMIZE DISTURBANCE AND COMPACTION. SHOULD AREAS RECEIVING DISCONNECTED RUNOFF BECOME COMPACTED, SCARIFYING THE SURFACE OR ROTILLING THE SOIL TO A DEPTH OF FOUR TO SIX INCHES SHALL BE PERFORMED TO ENSURE PERMEABILITY.
 - PERPETUAL MAINTENANCE: MAINTENANCE OF AREAS RECEIVING DISCONNECTED RUNOFF IS GENERALLY NO DIFFERENT THAN THAT REQUIRED FOR OTHER LAWN OR LANDSCAPED AREAS. THE AREAS RECEIVING RUNOFF SHOULD BE PROTECTED FROM FUTURE COMPACTION. FUTURE DEVELOPMENT IN DISCONNECTION AREAS IS PROHIBITED.
 - INSPECTIONS:
 - MONTHLY: INSPECT FOR TRASH OR DEBRIS ON THE SURFACE, IN CONVEYANCE SYSTEM, AND SURROUNDING AREA. REMOVE ALL TRASH AND DEBRIS AND DISPOSE OF IN AN ACCEPTABLE MANNER.
 - SEASONALLY AND AFTER RAIN EVENTS: CHECK FOR PONDING WATER AND EROSION AND REPAIR AS NECESSARY.
 - ANNUALLY: INSPECT FOR EROSION AND REPAIR AND RESEED ALL BARE SPOTS AS NECESSARY.
 - CONVEYANCE: RUNOFF FROM DISCONNECTION AREAS SHALL DRAIN IN A SAFE AND NON-EROSIVE MANNER THROUGH VEGETATED AREAS TO THE PROPERTY LINE.
- POCKET POND: DURING THE FIRST YEAR OF OPERATION, INSPECTIONS SHALL BE CONDUCTED AFTER EACH RUNOFF EVENT AND POORLY ESTABLISHED AREAS SHALL BE REVEGETATED. SEDIMENT ACCUMULATION IN THE TREATMENT AREAS SHALL BE REMOVED AS NECESSARY. EROSION AT INFLOW POINTS SHALL BE REPAIRED IMMEDIATELY.
- LEVEL SPREADER: THE AREA BELOW A LEVEL SPREADER SHOULD BE INSPECTED FOR CLOGGING, DENISY OF VEGETATION, DAMAGE BY FOOT OR VEHICULAR TRAFFIC, EXCESSIVE ACCUMULATION AND CHANNELIZATION. INSPECTIONS SHOULD BE MADE AND SEDIMENT AND DEBRIS REMOVAL SHOULD BE CONDUCTED ON A QUARTERLY BASIS FOR THE FIRST TWO (2) YEARS FOLLOWING INSTALLATION, AND THEN ON A SEMI-ANNUAL BASIS THEREAFTER. REGRADING, REPAIRS AND/OR RESEEDING MAY BE NECESSARY IF STANDING WATER IS PRESENT ALONG SLOPE. SEEDING AND INSPECTION SHOULD FOLLOW THE SEEDING MAINTENANCE AS SPECIFIED HEREIN.
- RECOMMENDED REMEDIAL MEASURES: RESEED ANY AREAS WHERE THE VEGETATION HAS CEASED GROWING WITH THE APPROPRIATE SEED MIXTURE. SOODING WITHIN THE LAWN AREAS WILL BE THE MOST EFFECTIVE MEANS IN PROVIDING IMMEDIATE STABILITY. ANY SEEDING WILL REQUIRE A BLANKET OF MULCH OR FABRIC TO PROTECT THE SEEDS UNTIL THEY TAKE ROOT. REGRADE TO REPLACE ANY MATERIAL LOST DURING AN EXTREME STORM EVENT. PERIODIC REMOVAL OF SEDIMENT AND OTHER DEBRIS MAY BE REQUIRED. ONGOING MOWING OF VEGETATION AREAS IN ORDER TO CONTROL THE GROWTH OF INVASIVE SPECIES.



NOTES:

- SILT FENCE DESIGN AS PER MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (DETAIL E-1).
- USE WOOD POSTS 1-3/4 X 1-3/4 ± 1/16 INCH (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD. AS AN ALTERNATIVE TO WOODEN POST USE STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT.
- USE 36 INCH MINIMUM POSTS DRIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APART.
- USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS AND FASTEN GEOTEXTILE SECURELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION.
- PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
- EMBED GEOTEXTILE A MINIMUM OF 8 INCHES VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FABRIC.
- WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, TWIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL.
- EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.
- REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

1 DETAIL SILT FENCE (TYP.) NOT TO SCALE

TEMPORARY CONTROLS

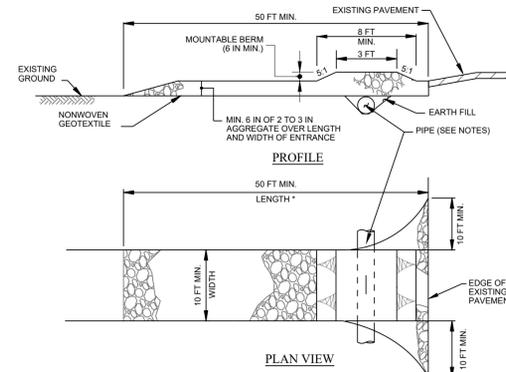
- UPON TEMPORARY CESSATION OF AN EARTH DISTURBANCE ACTIVITY OR ANY STAGE OR PHASE OF AN ACTIVITY, THE SITE SHALL BE IMMEDIATELY SEEDED, MULCHED, OR OTHERWISE PROTECTED FROM ACCELERATED EROSION AND SEDIMENTATION PENDING FUTURE EARTH DISTURBANCE ACTIVITIES.
- FOR AN EARTH DISTURBANCE ACTIVITY OR ANY STAGE OR PHASE OF AN ACTIVITY TO BE CONSIDERED TEMPORARILY STABILIZED, THE DISTURBED AREAS SHALL BE COVERED WITH ONE OF THE FOLLOWING:
 - A MINIMUM UNIFORM COVERAGE OF MULCH AND SEED, WITH A DENSITY CAPABLE OF RESISTING ACCELERATED EROSION AND SEDIMENTATION.
 - AN ACCEPTABLE BMP WHICH TEMPORARILY MINIMIZES ACCELERATED EROSION AND SEDIMENTATION.
- BEFORE SEEDING, APPLY SOIL AMENDMENTS AND/OR FERTILIZER WITH TOPSOIL AS REQUIRED.
- THOROUGHLY LOOSEN THE AREAS TO BE SEED BY AN APPROVED METHOD UNTIL THE TILLAGE IS ACCEPTED. IRREGULARITIES IN THE SURFACE, RESULTING FROM TILLAGE OR FROM OTHER OPERATIONS, SHALL BE SMOOTHED BEFORE SEEDING OPERATIONS BEGIN TO PREVENT THE FORMATION OF WATER-COLLECTING POCKETS.
- ALL SEEDS SHALL BE FURNISHED TO THE PROJECT SITE IN MIX PREPARED BY THE SEED PROCESSOR. THE MIX SHALL HAVE A CERTIFICATION TAG WHICH SHALL BE PRESENTED TO THE OWNER'S REPRESENTATIVE. THE MIXTURE SHALL BE AS FOLLOWS:
 - TEMPORARY MIXTURE: SEE SEED SCHEDULE ON THE TEMPORARY SEEDING SUMMARY TABLE ON THIS SHEET. TEMPORARY SEED SHALL BE USED ON ALL AREAS TO BE SEED AFTER DISTURBANCE, BUT PRIOR TO IMPLEMENTATION OF PERMANENT CONTROL MEASURES.
 - THE PREPARED AREAS SHALL THEN BE SEED WITH THE SPECIFIED SEED BY MEANS OF A MECHANICAL HOPPER TYPE SEEDER AT THE RATE OF SHOWN IN THE TABLE.
 - THE SEED SHALL BE SOWN EVENLY IN TWO DIRECTIONS, WITH ONE-HALF (1/2) OF THE SEED BEING SOWN IN A DIRECTION AT RIGHT ANGLES TO THE OTHER HALF. SEEDING SHALL BE DONE ON A DAY WHEN THERE IS NO WIND.
 - AFTER SOWING THE SEED, THE AREA SHALL BE LIGHTLY RAKED TO COVER SEED TO AN AVERAGE DEPTH AS SHOWN IN THE TEMPORARY SEEDING SUMMARY TABLE AND ROLLED WITH A 200-POUND ROLLER. THE COMPLETED AREAS SHALL PRESENT A SMOOTH AND FINISHED APPEARANCE. THE SEEDING AND COMPACTING OF THE LARGE AREAS MAY BE ACCOMPLISHED BY USE OF A "GILL SEEDER" OR OTHER MECHANICAL SEEDER.
- MEASURES PRESENTED HEREIN SHALL BE SUPPLEMENTED OR MODIFIED BY CONTRACTOR DURING THE WORK BASED ON ACTUAL SEQUENCE, TIMING, AND METHODS OF CONSTRUCTION AS NECESSARY TO COMPLY WITH MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL REQUIREMENTS.
- MULCH SHALL BE PLACED OVER DISTURBED AREAS IMMEDIATELY AFTER RAKING AND SEEDING OR PLANTING HAS BEEN PERFORMED. SALT HAY OR OTHER SALINE MARSH GRASSES ARE NOT ACCEPTABLE. THE MATERIAL SHALL BE APPLIED AT AN AVERAGE MINIMUM DEPTH OF TWO (2) INCHES LOOSE MEASUREMENT. CARE SHALL BE TAKEN WHEN PLACING THE MULCH SO AS NOT TO DISTURB THE SEEDING SURFACES. THE MULCH SHALL BE SECURED BY THE FOLLOWING METHOD, OR OTHER METHOD PRESENTED BY THE CONTRACTOR AND ACCEPTABLE TO THE OWNER'S REPRESENTATIVE:
 - CLEAN OAT OR WHEAT STRAW SHALL BE FREE FROM MATURE SEED-BEARING STALKS OR ROOTS OF PROHIBITED OR NOXIOUS WEEDS AS DEFINED BY MDE. APPLY AT A RATE OF THREE (3) TONS PER ACRE (ONE-HUNDRED TWENTY-FIVE (125) POUNDS PER ONE-HUNDRED (100) SQUARE YARDS). PRECAUTIONS SHALL BE TAKEN TO STABILIZE THE MULCH UNTIL THE VEGETATIVE COVER IS ESTABLISHED. MULCH SHALL BE ANCHORED IMMEDIATELY AFTER APPLICATION TO PREVENT WINDBLOWN TRANSPORT.
 - FLEXTERRA HIGH PERFORMANCE - FLEXIBLE GROWTH MEDIUM (HP-FGM) MAY BE USED.

HARDNESS ZONE: 7B SEED MIXTURE:						
NO.	SPECIES	APPLICATION RATE (LB/AC)	SEEDING DATES	SEEDING DEPTHS (IN)	FERTILIZER RATE (10-20-20)	LIME RATE
1	OATS (Avena sativa)	72	MARCH 1 - MAY 31 SEPTEMBER 1 - OCTOBER 31	1.0	43# LB/AC (10 LB/1000 SF)	2 TONS/AC (90 LB/1000 SF)
2	FOXTAIL MILLET (Setaria italica)	30	JUNE 1 - AUGUST 31	0.5		
3	CEREAL RYE (Secale cereale)	112	DECEMBER 1 - FEBRUARY 28	1.0		

PERMANENT CONTROLS

- NATIVE POLLINATOR SEED MIXES ARE INTENDED TO PROVIDE AN EXCELLENT WILDLIFE FOOD AND SHELTER THAT WILL ATTRACT A VARIETY OF POLLINATORS AND SONGBIRDS. THE NATIVE WILDFLOWERS AND GRASSES IN THIS MIX PROVIDE AN ATTRACTIVE DISPLAY OF COLOR FROM SPRING TO FALL. POLLINATOR SEED MIXES ARE INTENDED TO PROVIDE NECTAR AND FOOD SOURCES FOR A VARIETY OF POLLINATORS AND LARVA. THESE MIXES ARE COMPRISED OF A FAIRLY EVEN MIX OF NATIVE AND/OR INDIGENOUS WILDFLOWERS AND GRASSES. THE POLLINATOR SEED MIX IS INTENDED TO BE SOWN IN DESIGNATED AREAS OF THE SOLAR ARRAY FIELD. ADDITIONALLY, THE MIX IS INTENDED TO MEET THE CRITERIA CONTAINED IN THE MARYLAND SOLAR SITE POLLINATOR HABITAT PLANNING AND ASSESSMENT SCORECARD.
- UPON FINAL COMPLETION OF AN EARTH DISTURBANCE ACTIVITY OR ANY STAGE OR PHASE OF AN ACTIVITY, THE SITE SHALL IMMEDIATELY HAVE TOPSOIL RESTORED, REPLACED, OR AMENDED, SEEDED, MULCHED, OR OTHERWISE PERMANENTLY STABILIZED AND PROTECTED FROM ACCELERATED EROSION AND SEDIMENTATION.
- E&S BMPs SHALL BE IMPLEMENTED AND MAINTAINED UNTIL THE PERMANENT STABILIZATION IS COMPLETED. ONCE PERMANENT STABILIZATION HAS BEEN ESTABLISHED, THE TEMPORARY E&S BMPs SHALL BE REMOVED. ANY AREAS DISTURBED IN THE ACT OF REMOVING TEMPORARY E&S BMPs SHALL BE PERMANENTLY STABILIZED UPON COMPLETION OF THE TEMPORARY E&S BMP REMOVAL ACTIVITY.
- FOR AN EARTH DISTURBANCE ACTIVITY OR ANY STAGE OR PHASE OF AN ACTIVITY TO BE CONSIDERED PERMANENTLY STABILIZED, THE DISTURBANCE AREAS SHALL BE COVERED WITH ONE OF THE FOLLOWING:
 - A MINIMUM UNIFORM 95% PERENNIAL VEGETATIVE COVER, WITH A DENSITY CAPABLE OF RESISTING ACCELERATED EROSION AND SEDIMENTATION.
 - AN ACCEPTABLE BMP WHICH PERMANENTLY MINIMIZES ACCELERATED EROSION AND SEDIMENTATION.
- PERMANENT SEEDING AND MULCHING WILL BE INCORPORATED INTO THE OPERATIONS DURING THE APPROVED PLANTING SEASONS. SEED APPLICATION WILL BE WITH CYCLONE SEEDER, DRILL, OR CULTI-PACKER SEEDER. MULCH WILL BE SPREAD AND ANCHORED MECHANICALLY OR UNIFORMLY BY HAND.
- ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE STABILIZED BY APPLYING A SEED MIXTURE TO ESTABLISH AN EROSION-RESISTANT STAND OF VEGETATION IN THE LEAST AMOUNT OF TIME.
 - ALL SEEDS SHALL BE FURNISHED TO THE PROJECT SITE IN MIX PREPARED BY THE SEED PROCESSOR. THE MIX SHALL HAVE A CERTIFICATION TAG WHICH SHALL BE PRESENTED TO THE OWNER'S REPRESENTATIVE. THE MIXTURE SHALL BE AS FOLLOWS:
 - NATIVE UPLAND VEGETATION: SEE SOLAR ARRAY SEED MIXTURE ON THE PERMANENT SEEDING SUMMARY TABLE. PREPARED BY CHESAPEAKE VALLEY SEED, OR ENGINEER APPROVED EQUIVALENT WHICH MEETS THE MARYLAND SOLAR SCORECARD. THIS IS TO BE USED ON ALL DISTURBED AREAS, INCLUDING IN AND AROUND THE SOLAR ARRAYS AND LAYDOWN AREAS.
 - AGRI/VOLTAICS: ERNM-146 STANDARD FUZZ & BUZZ MIX, BY ERNST CONSERVATION SEED, OR APPROVED EQUIVALENT, SHALL BE USED, IN COMBINATION WITH THE PERMANENT SEEDING MIXTURES SPECIFIED HEREIN, FOR PROPOSED SHEEP GRAZING AREAS. SEEDING SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 - ERNST CONSERVATION SEED MANUFACTURER NOTE: THE FUZZ & BUZZ MIX STANDARD WAS DEVELOPED TO ADDRESS THE UNIQUE NUTRITIONAL NEEDS OF SHEEP. WHILE PROVIDING A LOW-GROWING, EASILY MAINTAINED AND SUSTAINABLE VEGETATION SOLUTION FOR SOLAR INSTALLATIONS, THE PLANT SPECIES WERE CHOSEN WITH GUIDANCE FROM THE AMERICAN SOLAR GRAZING ASSOCIATION (ASGA). THE WILDFLOWERS IN THIS MIX SUPPORT POLLINATORS. MIX FORMULATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE DEPENDING ON THE AVAILABILITY OF EXISTING AND NEW PRODUCTS. WHILE THE FORMULA MAY CHANGE, THE GUIDING PHILOSOPHY AND FUNCTION OF THE MIX WILL NOT.
- BEFORE SEEDING, APPLY SOIL AMENDMENTS AND/OR FERTILIZER WITH TOPSOIL AS REQUIRED.
- THE PREPARED AREAS SHALL THEN BE SEED WITH THE SPECIFIED SEED BY MEANS OF A MECHANICAL HOPPER TYPE SEEDER AT THE RATE AS SPECIFIED IN THE PERMANENT SEEDING SUMMARY TABLE.
- THE SEED SHALL BE SOWN EVENLY IN TWO DIRECTIONS, WITH 1/2 OF THE SEED BEING SOWN IN A DIRECTION AT RIGHT ANGLES TO THE OTHER HALF. SEEDING SHALL BE DONE ON A DAY WHEN THERE IS NO WIND.
- AFTER SOWING THE SEED, THE AREA SHALL BE LIGHTLY RAKED TO COVER SEED TO AN AVERAGE DEPTH AS SHOWN IN THE PERMANENT SEEDING SUMMARY TABLE AND ROLLED WITH A 200-POUND ROLLER. THE COMPLETED AREAS SHALL PRESENT A SMOOTH AND FINISHED APPEARANCE. THE SEEDING AND COMPACTING OF THE LARGE AREAS MAY BE ACCOMPLISHED BY USE OF A "GILL SEEDER" OR OTHER MECHANICAL SEEDER.
- MEASURES PRESENTED HEREIN SHALL BE SUPPLEMENTED OR MODIFIED BY CONTRACTOR DURING THE WORK BASED ON ACTUAL SEQUENCE, TIMING, AND METHODS OF CONSTRUCTION AS NECESSARY TO COMPLY WITH MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL REQUIREMENTS.
- MULCH SHALL BE PLACED OVER DISTURBED AREAS IMMEDIATELY AFTER RAKING AND SEEDING OR PLANTING HAS BEEN PERFORMED. SALT HAY OR OTHER SALINE MARSH GRASSES ARE NOT ACCEPTABLE. THE MATERIAL SHALL BE APPLIED AT AN AVERAGE MINIMUM DEPTH OF TWO INCHES (2") LOOSE MEASUREMENT. CARE SHALL BE TAKEN WHEN PLACING THE MULCH SO AS NOT TO DISTURB THE SEEDING SURFACES. THE MULCH SHALL BE SECURED BY THE FOLLOWING METHOD, OR OTHER METHOD PRESENTED BY THE CONTRACTOR AND ACCEPTABLE TO THE OWNER'S REPRESENTATIVE:
 - CLEAN OAT OR WHEAT STRAW SHALL BE FREE FROM MATURE SEED-BEARING STALKS OR ROOTS OF PROHIBITED OR NOXIOUS WEEDS AS DEFINED BY MDE. APPLY AT A RATE OF THREE (3) TONS PER ACRE (ONE-HUNDRED TWENTY-FIVE (125) POUNDS PER ONE-HUNDRED (100) SQUARE YARDS). PRECAUTIONS SHALL BE TAKEN TO STABILIZE THE MULCH UNTIL THE VEGETATIVE COVER IS ESTABLISHED. MULCH SHALL BE ANCHORED IMMEDIATELY AFTER APPLICATION TO PREVENT WINDBLOWN TRANSPORT.
 - FLEXTERRA HIGH PERFORMANCE - FLEXIBLE GROWTH MEDIUM (HP-FGM) MAY BE USED.

HARDNESS ZONE: 7B SEED MIXTURE: MD NATIVE SOLAR ARRAY MIXTURE (CHESAPEAKE VALLEY SEED)								
NO.	SPECIES	APPLICATION RATE (LB/AC)	SEEDING DATES	SEEDING DEPTHS (IN)	FERTILIZER RATE (10-20-20)			LIME RATE
					N	P205	K2O	
1	LITTLE BLUESTEM (SCHIZACHYRIUM SCOPARIUM)	5.00						
2	SIDE-OATS GRAMA (BOULTELLOU CURTIPENDULA)	2.00						
3	VIRGINIA WILDRYE (ELYMUS VIRGINICUS)	2.00						
4	PURPLE LOVEGRASS (ERAGROSTIS SPECTABILIS)	0.50						
5	PARTRIDGE PEA (CHAMAECRISTA FASCICULATA)	2.50						
6	BLACKKEYED SUSAN (RUDBECKIA HIRTA)	1.50			45 LB/AC (1 LB/1000 SF)	90 LB/AC (2 LB/1000 SF)	90 LB/ACRE (2 LB/1000 SF)	2 TONS/AC (90 LB/1000 SF)
7	TALL WHITE BEARDTONGUE (PENSTEMON DIGITALIS)	0.75						
8	NEW ENGLAND ASTER (ASTER NOVAE-ANGLIAE)	0.25						
9	NARROWLEAF MOUNTAINMINT (PYCNANTHEMUM TENUIFOLIUM)	0.25						
10	WILD BERGAMOT (MONARDA FISTULOSA)	0.25						

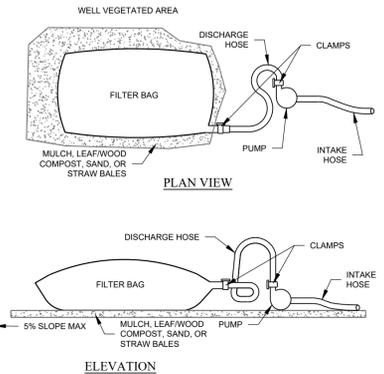


2 DETAIL ROCK CONSTRUCTION ENTRANCE NOT TO SCALE

NOTES:

- TIGHTLY SEAL SLEEVE AROUND THE PUMP DISCHARGE HOSE WITH A STRAP OR SIMILAR DEVICE.
- PLACE FILTER BAG ON A SUITABLE BASE (E.G. MULCH, LEAF/WOOD COMPOST, WOODCHIPS, SAND, OR STRAW BALES) LOCATED ON A LEVEL OR 5% MAXIMUM SLOPING SURFACE. DISCHARGE TO A STABILIZED AREA. EXTEND BASE A MINIMUM OF 12 INCHES FROM EDGES OF BAG.
- CONTROL PUMPING RATE TO PREVENT EXCESSIVE PRESSURE WITHIN THE FILTER BAG IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. AS THE BAG FILLS WITH SEDIMENT, REDUCE PUMPING RATE.
- REMOVE AND PROPERLY DISPOSE OF FILTER BAG UPON COMPLETION OF PUMPING OPERATIONS OR AFTER BAG HAS REACHED CAPACITY, WHICHEVER OCCURS FIRST. SPREAD THE DEWATERED SEDIMENT FROM THE BAG IN AN APPROVED UPLAND AREA AND STABILIZE WITH SEED AND MULCH BY THE END OF THE WORK DAY. RESTORE THE SURFACE AREA BENEATH THE BAG TO THE ORIGINAL CONDITION UPON REMOVAL OF THE DEVICE.
- USE NONWOVEN GEOTEXTILE WITH DOUBLE STITCHED SEAMS USING HIGH STRENGTH THREAD. SIZE SLEEVE TO ACCOMMODATE A MAXIMUM 4 INCH DIAMETER PUMP DISCHARGE HOSE. THE BAG MUST BE MANUFACTURED FROM A NONWOVEN GEOTEXTILE THAT MEETS OR EXCEEDS MINIMUM AVERAGE ROLL VALUES (MARV) FOR THE FOLLOWING:

GRAB/TENSILE	250 LB	ASTM D-4832
PUNCTURE	150 LB	ASTM D-4833
FLOWRATE	70 GAL/MIN/FT ²	ASTM D-4891
PERMITIVITY (SEC ⁻¹)	1.2 SEC ⁻¹	ASTM D-491
UV RESISTANCE	70% STRENGTH @ 500 HOURS	ASTM D-4355
APPARENT OPENING SIZE (AOS)	0.15-0.18 MM	ASTM D-4751
SEAM STRENGTH	90%	ASTM D-4832
- REPLACE FILTER BAG IF BAG CLOGS OR HAS RIPS, TEARS, OR PUNCTURES. DURING OPERATION, KEEP CONNECTION BETWEEN PUMP HOSE AND FILTER BAG WATER TIGHT. REPLACE BEDDING IF IT BECOMES DISPLACED.



3 DETAIL FILTER BAG NOT TO SCALE



AS NOTED

DATE: 10/16/2025
 DRAWN BY: KJM
 CHECKED BY: KJM
 PROJECT NO.: 023011469



NO.	DATE	BY
0	10/16/2025	ARM
1		
2		
3		
4		
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7		
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9		
10		

REVISION	NO.	DATE	DESCRIPTION
	0	10/16/2025	COUNTY TRC SUBMISSION

E&S NOTES & DETAILS
 TANAYTOWN
 CARROLL COUNTY, MARYLAND

TANEYTOWN PIKE SOLAR, LLC
 1.98 MW AC SOLAR PROJECT
 ECONOX RENEWABLES INC.

