

GENERAL NOTES

- 1. THE SUBJECT PROPERTY IS ZONED RR-DEO, PER THE 2013 COMPREHENSIVE ZONING PLAN.
2. THE PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS. A DESIGN MANUAL WAIVER (WP-21-018) TO DESIGN MANUAL VOLUME III, SECTION 1.3 C STREET TYPES - COUNTY ROAD WAS APPROVED JULY 22, 2022. A FEE-IN-LIEU IN THE AMOUNT OF \$27,481.00 IS TO BE CREDITED TO CAPITAL PROJECT NUMBER J-4711 AND PAID AT EXECUTION OF THE DEVELOPER AGREEMENT.
3. THE EXISTING TOPOGRAPHY SHOWN HEREON IS BASED ON AERIAL SURVEY PROVIDED BY USGS FOR THE PROJECT AREA. OUTSIDE OF THE PROJECT AREA, APPROXIMATE TOPOGRAPHY IS SHOWN PER HOWARD COUNTY GIS.
4. THE PROJECT BOUNDARY IS BASED ON A ALTA SURVEY PREPARED BY LANDTECH CORPORATION, FIELD DATE AUGUST 2021, PREPARED SEPTEMBER 2021.
5. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM.
6. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE LIMITS OF WETLAND AND WETLAND BUFFERS, STREAM AND STREAM BUFFERS, AND FOREST CONSERVATION EASEMENTS.
7. THERE ARE THREE PERENNIAL STREAMS ON-SITE. THERE IS ONE NON-TIDAL PALUSTRINE FORESTED WETLAND SYSTEM ON-SITE. SEE WETLAND DELINEATION REPORT PREPARED BY WRIGHT ENVIRONMENTAL & LAND SERVICES, LLC (AUGUST 2021). THE STREAMS AND WETLAND ARE OUTSIDE THIS PROJECT'S LIMITS OF DISTURBANCE AND ARE TO REMAIN.
8. THERE IS NO FEMA 100 YEAR FLOODPLAIN LOCATED ON-SITE.
9. NO PARKS, PRESERVES OR PUBLIC OPEN SPACES ARE LOCATED WITHIN THE PROJECT SITE.
10. NO STEEP SLOPES 25% OR GREATER OVER 20,000 SF ARE CONTIGUOUS ON-SITE.
11. LANDSCAPING IS PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL AND SHOWN ON THE CERTIFIED LANDSCAPE PLAN WITHIN THIS SITE DEVELOPMENT PLAN. FINANCIAL SURETY IN THE AMOUNT OF \$27,000.00 FOR THE REQUIRED 23 SHADE TREES AND 134 EVERGREEN TREES. IF THE EXISTING BUFFERS ARE CLEARED, IT IS THE DEVELOPERS' RESPONSIBILITY TO REPLANT A LANDSCAPE TYPE 'D' BUFFER WITHIN 6 MONTHS OF CLEARING PER THE PROVIDED AFFIDAVIT SIGNED BY COMMUNITY POWER GROUP. THE FINANCIAL SURETY FOR THE LANDSCAPING SHALL BE PROVIDED WITH THE GRADING PERMIT APPLICATION.
12. FOREST CONSERVATION OBLIGATIONS FOR THIS PROJECT SHALL BE ADDRESSED BY A FOREST CONSERVATION PLAN AS SUBMITTED WITH THIS SITE DEVELOPMENT PLAN AND PREPARED BY WRIGHT ENVIRONMENTAL & LAND SERVICES, LLC. THE LOCATION OF THE FOREST CONSERVATION EASEMENT IS TO BE ESTABLISHED IN THE SOUTHWEST CORNER OF THE SITE (AS SHOWN ON THE FOREST CONSERVATION PLAN).
13. THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT, HOWEVER FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED. A PLOT TO ESTABLISH THE 5.14 ACRES ON-SITE FOREST RETENTION EASEMENT WAS RECORDED IN THE LAND RECORDS OF HOWARD COUNTY ON MAY 26, 2023 AS PLAT NO. 26338.
14. WETLANDS SHOWN ONSITE ARE BASED ON ENVIRONMENTAL REPORT BY WRIGHT ENVIRONMENTAL & LAND SERVICES, LLC. THERE ARE NO WETLANDS WITHIN THE LIMITS OF DISTURBANCE ASSOCIATED WITH THIS PROJECT.
15. GEOTECHNICAL REPORT FOR THE PROJECT AREA HAS BEEN COMPLETED BY ECS MID-ATLANTIC, LLC AND WAS SUBMITTED AS AN APPENDIX TO THE STORMWATER REPORT VIA PROJECTDOX TO HOWARD COUNTY AS PART OF THE SITE DEVELOPMENT PLAN REVIEW.
16. A NOISE STUDY IS NOT REQUIRED FOR THIS SITE.
17. A TRAFFIC STUDY AND A 85TH PERCENTILE SPEED STUDY ARE NOT REQUIRED FOR THIS SITE. THERE IS NO TRAFFIC GENERATED BY THIS PROJECT AND THUS IT IS EXEMPT FROM THE ADEQUATE PUBLIC FACILITIES ORDINANCE.
18. TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO BURIAL GROUNDS, CEMETERIES, OR HISTORIC STRUCTURES LOCATED ON THIS PROPERTY.
19. STORMWATER MANAGEMENT FOR THE PROJECT IS PROVIDED BY THE USE OF NON-STRUCTURAL PRACTICES IN ACCORDANCE WITH ENVIRONMENTAL SITE DESIGN CRITERIA. NON-STRUCTURAL PRACTICES INCLUDE NON ROOFTOP DISCONNECTION (N-2). THESE FACILITIES WILL BE PRIVATELY OWNED AND MAINTAINED.
20. ISOLATED SURFACE SMOOTHING AND/OR FINE GRADING MAY BE REQUIRED TO SUPPORT SOLAR EQUIPMENT INSTALLATION. HOWEVER, NO MASS GRADING WILL BE REQUIRED. ISOLATED FINE GRADES WILL BE PROVIDED WITHIN THE SITE DEVELOPMENT PLAN SUBMISSION, AS REQUIRED.
21. THIS PLAN INCORPORATES THE LIMIT OF DISTURBANCE FOR THE SOLAR PROJECT. THE AREAS OUTSIDE THE LIMIT OF DISTURBANCE ARE NOT INCLUDED IN THE SDP.
22. THIS PROJECT SITE IS ASSOCIATED WITH THE FOLLOWING DPZ FILES: WP-95-095, SDP-96-124, SDP-07-099, BA-07-018C, WP-21-047, BA-21-006C, ECP-22-013.
23. AN ENVIRONMENTAL CONCEPT PLAN (ECP-22-013) WAS APPROVED ON JANUARY 21, 2022.
24. THERE ARE NO WATER/SEPTIC SERVICES ASSOCIATED WITH THIS PROJECT.
25. THIS PROJECT IS NOT WITHIN THE METROPOLITAN DISTRICT.
26. ONE PARKING SPACE (50 FEET X 20 FEET) IS PROVIDED.
27. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT 410-313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
28. ANY DAMAGE TO STATE OR COUNTY RIGHT-OF-WAY, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
29. THERE ARE NO EXISTING BUILDINGS OR STRUCTURES WITHIN THE PROJECT LIMITS. THE EXISTING CULVERT WITHIN THE PROJECT AREA IS TO REMAIN.
FIRE AND EMERGENCY SAFETY NOTES:
30. TRAINING SHALL BE PROVIDED BY THE DEVELOPER FOR THE OPERATION AND DEMONSTRATION OF SAFE OPERATION OF SHUTOFF SWITCHES.
31. THE DEVELOPER IS TO PROVIDE SIGNAGE/MARKINGS TO PROVIDE EMERGENCY RESPONDERS APPROPRIATE WARNINGS AND GUIDANCE WITH RESPECT TO WORKING AROUND AND ISOLATING SOLAR ELECTRIC SYSTEMS, ELECTRICAL HAZARDS PRESENT AND 24 HOUR EMERGENCY CONTACT INFORMATION FOR SITE REPRESENTATIVES.

- TRAFFIC CONTROL DEVICES:
32. THE R1-1 (STOP) SIGN AND STREET NAME SIGN (SNS) ASSEMBLY FOR THIS DEVELOPMENT MUST BE INSTALLED BEFORE BASE PAVING IS COMPLETE, IF APPLICABLE.
33. THE TRAFFIC CONTROL DEVICE LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MUST BE FIELD APPROVED BY HOWARD COUNT TRAFFIC DIVISION (410-313-2430) PRIOR TO THE INSTALLATION OF ANY OF THE TRAFFIC CONTROL DEVICES.
34. ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATIONS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MD MUTCD).
35. ALL SIGN POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL, PERFORATED (QUICK PUNCH) SOLAREE TUBE POST (14 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE SLEEVE (12 GAUGE) - 3' LONG. THE ANCHOR SHALL NOT EXTEND MORE THAN TWO (2) QUICK PUNCH HOLES ABOVE GROUND LEVEL. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON THE TOP OF EACH POST.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
DocuSigned by: Chad Edmondson
6/27/2023
CHIEF, DEVELOPMENT ENGINEERING DIVISION
DATE
DocuSigned by: Lynda Ewing
6/28/2023
CHIEF, DIVISION OF LAND DEVELOPMENT
DATE
DocuSigned by: Lynda Ewing
6/28/2023
DIRECTOR
DATE

LEGEND
--- PARCEL BOUNDARY
--- PROJECT ZONING OFFSET
--- STREAM CENTERLINE
--- STREAM BUFFER
--- CONTOUR
--- EX. METAL FENCE
--- INTERCONNECTION PATH
--- PROPOSED UTILITY POLE
--- TRANSFORMER PAD
--- SOILS BOUNDARY
--- EXISTING TREELINE
--- EXISTING WETLAND
--- WETLAND BUFFER
--- LIMIT OF DISTURBANCE
--- PROPOSED FENCE
--- EXISTING FOREST CONSERVATION AREA
--- PROPOSED COMMON ACCESS EASEMENT
--- HOWARD COUNTY GEODETIC CONTROL POINT
--- CONTRACTOR TO FIELD VERIFIED
--- EX. CENTERLINE
--- OHW
--- EX. OVERHEAD WIRE
--- DRAINAGE AREA BOUNDARY
--- PROPOSED P-1 PAVEMENT
--- SLOPE > 25%
--- SLOPE > 15%
--- SLOPE > 5%
--- EVERGREEN TREE
--- DECIDUOUS TREE
--- EXISTING EASEMENT
--- DISCONNECTION AREA
--- 2x2 GRAVEL TRENCH
--- EX. RIP RAP
--- EX. SEPTIC EASEMENT

SITE DEVELOPMENT PLAN

PREPARED FOR

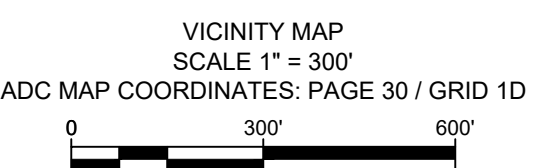
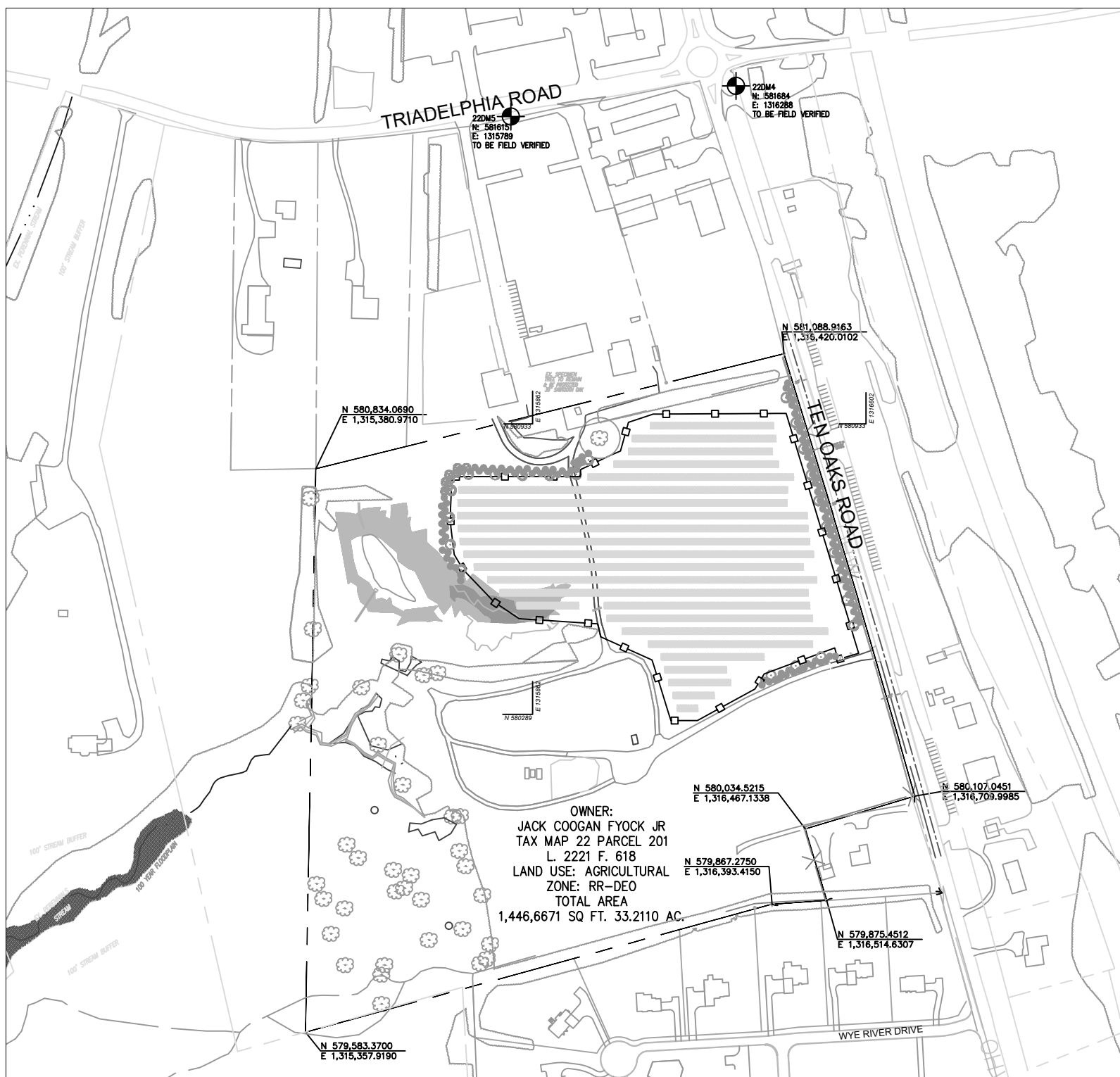
GLENELG SOLAR

GROUND MOUNT SOLAR COLLECTOR FACILITY

3950 TEN OAKS ROAD
HOWARD COUNTY, MARYLAND

- CONDITIONAL USE:
36. THIS PROJECT IS SUBJECT TO A CONDITIONAL USE APPROVAL, FILED AS BA-21-006C AND THE AMENDED DECISION AND ORDER GRANTED BY THE HEARING EXAMINER ON AUGUST 16, 2021, SUBJECT TO THE 11 CONDITIONS AS ENUMERATED ON THE AMENDED DECISION AND ORDER IN ACCORDANCE WITH SECTION 131.0.N.52 OF THE ZONING REGULATIONS.
DECOMMISSIONING
37. IN ACCORDANCE WITH SECTION 131.0.N.52.G. OF THE ZONING REGULATIONS, A COMMERCIAL GROUND-MOUNT SOLAR COLLECTOR FACILITY THAT IS NO LONGER USED SHALL BE REMOVED FROM THE SITE WITHIN 6 MONTHS OF THE DATE THAT THE USE CEASES. THE PROPERTY OWNER SHALL SECURE THIS OBLIGATION BY MAINTAINING A BOND, ESCROW, OR OTHER FORM OF SECURITY IN THE AMOUNT EQUAL TO THE ESTIMATED FUTURE COST OF REMOVAL. THIS COST ESTIMATE (\$27,364) HAS BEEN APPROVED BY HOWARD COUNTY AND WILL BE FULFILLED.
CONDITIONS:
1. THE Commercial Ground Mount Solar Collector Facility Conditional Use shall be conducted in conformance with and shall only to the Petition as submitted and as shown on the Conditional Use Plan dated April 2021 submitted with the Petition, and not to any other activities, uses, or structures on the Property.
2. The Petitioner shall be granted relief from the Type "D" Landscape Buffer required for the areas identified on the Plan as Areas 1-5, provided that the existing vegetation and existing tree buffers on Areas 1-5 remain.
3. Petitioner shall comply with all Conditional Use standards.
4. The Site Development Plan, or its equivalent, shall include a note containing all conditions of approval.
5. Petitioner shall comply with all federal, state, and local laws and regulations.
6. The systems installed by the Petitioner on the Property shall comply with all applicable local, state, and federal laws and provisions.
7. A commercial ground-mount solar collector facility that is no longer used shall be removed from the site within 6 months of the date that the use ceases. The Property Owner shall secure this obligation by maintaining a bond, escrow, or other form of security, in an amount equal to the estimated future cost of removal, that is acceptable to the Director of Finance.
8. The premises shall be maintained at all times in a clean and orderly condition, including the care or replacement of plant materials required in the landscaping plan. The responsibility for compliance with this provision shall be with all parties having a lease or ownership interest in the commercial ground-mount solar collector facility.
9. The applicant shall agree to register all solar collectors with the Department of Fire and Rescue Services. The registration shall include a map of the solar facility noting the location of the solar collectors and the panel disconnect.
10. Tree removal shall be minimized, and reforestation shall be done in accordance with Section 16.1206 of the Howard County Code.
11. All required landscaping shall be provided within 6 months of installation of the solar panels.

- CONDITIONAL USE NOTES:
A. THE PETITIONER SUBMITTED A GLARE STUDY USING GLARE MODELING TOOL DEVELOPED BY THE US DEPARTMENT OF ENERGY. THE RESULTS OF THE STUDY CONCLUDED THAT THERE WILL BE NO GLARE RELATED IMPACTS TO RESIDENTIAL PROPERTIES TO THE SOUTH AND NO IMPACTS TO MOTORISTS ALONG TEN OAKS ROAD.
B. A VIRTUAL PRE-SUBMISSION COMMUNITY MEETING WAS HELD FOR THE CONDITIONAL USE APPLICATION (BA-21-006C) RELATED TO THIS PROJECT ON OCTOBER 5, 2020.
C. THIS PLAN IS SUBJECT TO WP-21-047, WHICH GRANTED THE PROPERTY OWNER/DEVELOPER AN ALTERNATIVE COMPLIANCE APPROVAL TO SECTION 16.128(C)(1) OF THE SUBDIVISION AND DEVELOPMENT REGULATIONS TO HOST A VIRTUAL PRE-SUBMISSION COMMUNITY MEETING DURING THE COVID-19 STATE OF EMERGENCY. THE OWNER/DEVELOPER WAS REQUIRED TO COMPLY WITH DPZ'S VIRTUAL PRE-SUBMISSION MEETING GUIDELINES FOR APPLYING FOR HOSTING A VIRTUAL PUBLIC MEETING. THE VIRTUAL MEETING WAS HELD DURING THE TIME THE STATE OF EMERGENCY WAS IN EFFECT.



DEVELOPER/ENGINEER
COMMUNITY POWER GROUP, LLC
5636 CONNECTICUT AVENUE NW #42729
WASHINGTON, DC 20015
CONTACT: MICHAEL BORKOWSKI
MBORKOWSKI@COMMUNITYPOWERSGROUP.COM
OWNER
JACK COOGAN FLYOCK JR
13705 TRIADELPHIA ROAD
GLENELG, MD 21737

SITE ANALYSIS DATA
TOTAL PROJECT AREA: 8.9± ACRES
GREEN OPEN AREA (LAWN): 8.83± ACRES
IMPERVIOUS AREA: 0.07± ACRES
PROPOSED SITE USES: SOLAR FACILITY (+ EX. TREE FARM TO REMAIN)
TOTAL SITE AREA: 33.211 ACRES
WETLANDS AND WETLAND BUFFERS: 11,256 SF (0.2584 ACRES); ALL OUTSIDE OF PROJECT LIMITS
STREAMS AND STREAM BUFFERS: 2,642 LF; ALL OUTSIDE OF PROJECT LIMITS
FLOODPLAINS: NONE
EXISTING FOREST: 5.15 ACRES; ALL OUTSIDE OF PROJECT LIMITS
SLOPES GREATER THAN 15%: 7,299± SF
HIGHLY ERODIBLE SOILS: 7,299± SF

PROJECT NARRATIVE
THIS PROJECT INCLUDES THE CONSTRUCTION OF A 1.99 MEGAWATT (AC) SOLAR FACILITY IN HOWARD COUNTY MARYLAND. THE EXISTING SITE IS A CLEARED FIELD, PREVIOUSLY PARTIALLY USED AS A TREE FARM. TREE FARMING OPERATIONS ARE TO REMAIN ON-SITE. OUTSIDE OF THE PROJECT BOUNDARY AS LABELED WITHIN THIS PLAN SET, THE SOLAR FACILITY AND THE TREE FARM WILL OPERATE SEPARATELY, WITH NO OVERLAP IN OPERATIONAL AREA. THERE WILL BE A SHARED ACCESS EASEMENT FOR THE DRIVEWAY FOR WHICH BOTH USES WILL UTILIZE.
THE PURPOSE OF THIS PLAN IS TO INDICATE THE LOCATION AND CONSTRUCTION SPECIFICATIONS FOR A SOLAR FACILITY AND ASSOCIATED FEATURES. A BUILDING PERMIT WILL BE REQUIRED PRIOR TO CONSTRUCTION AND IS TO BE APPLIED FOR WITHIN ONE YEAR OF APPROVAL OF THIS PLAN.
THERE ARE ENVIRONMENTAL FEATURES LOCATED ON THE WESTERN SIDE OF THE SITE, OUTSIDE THE LIMITS OF DISTURBANCE OF THE PROPOSED PROJECT. THE ENVIRONMENTAL FEATURES INCLUDE WETLANDS, WETLAND BUFFERS, STREAMS, STREAM BUFFERS, AND A FOREST STAND. SEE ASSOCIATED WETLAND DELINEATION REPORT AND FOREST STAND DELINEATION REPORT PREPARED BY WRIGHT ENVIRONMENTAL & LAND SERVICES, LLC (DATED AUGUST 2021).
THE SITE NATURALLY SLOPES FROM EAST TO WEST. THE SITE HAS BEEN DESIGNED TO MAINTAIN THE NATURAL DRAINAGE PATTERNS, WITH NO CHANGES TO NATURAL DRAINAGE PATTERN.
THE CONCEPTUAL REDUCTION IN IMPERVIOUS AREA THROUGH BETTER SITE DESIGN IS ACHIEVED THROUGH THE ENVIRONMENTAL SITE DESIGN (ESD) FOR THIS PROJECT TO THE MAXIMUM EXTENT PRACTICABLE (MEP). THE RESULTS OF THE ENVIRONMENTAL SITE DESIGN FOR THIS PROJECT WILL REFLECT WOODS IN GOOD CONDITION. THE ESD CONCEPT INCLUDES THE USE OF NON ROOFTOP DISCONNECTION (N-2). THE EXISTING POND (PER SDP-96-124) IS TO REMAIN AND IN NOT IMPACTED BY THESE IMPROVEMENTS. PROPOSED PRACTICES HAVE BEEN MAXIMIZED TO THE EXTENT PRACTICAL. THE CALCULATED RAINFALL TARGET (PE) FOR THIS PROJECT IS 1.0".
SEDIMENT CONTROL FOR THIS SPECIFIC SITE PLAN WILL BE PROVIDED THROUGH THE USE OF PROPOSED SILT FENCE PERIMETER CONTROLS. SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH CURRENT REQUIREMENTS AND SHALL BE APPROVED BY THE HOWARD SOIL CONSERVATION DISTRICT.
THIS PROJECT SITE IS ASSOCIATED WITH THE FOLLOWING DPZ FILES: WP-95-095, SDP-96-124, SDP-07-099, BA-07-018C, WP-21-047, BA-21-006C, ECP-22-013

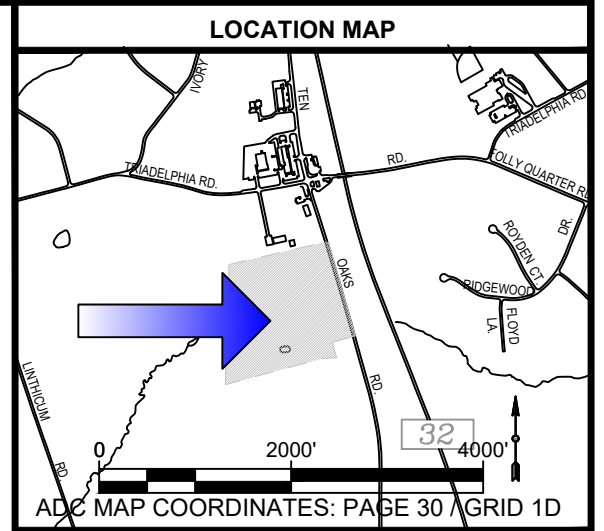
PROJECT INFORMATION
Project Latitude: 39.259388
Project Longitude: -76.984413
Utility Name: BG&E
Min. Ambient Temperature: 40°C
Max. Ambient Temperature: 0°C
Meter Number: Open
ARRAY 1
Module Name: Longi 445W
Inverter: Sungrow 125
Tilt Angle: 25
No. of Modules: 6240
DC String Length: 26
No. of Strings: 240
COMPANY LOGO
Community POWER GROUP
COMPANY CONTACT INFO
COMPANY NAME: Community Power Group
COMPANY ADDRESS: 5636 Connecticut Ave #42729 Washington, DC 20015
COMPANY PHONE: 202-844-6423
EMAIL: mborkowski@communitypowergroup.com

SHEET INDEX
COVER SHEET: C101, 1 OF 10
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FOREST CONSERVATION PLAN: BY OTHERS, 9-10 OF 10

ADDRESS CHART
STREET ADDRESS
3950 TEN OAKS ROAD

PERMIT INFORMATION CHART
NAME: GLENELG SOLAR
SECTION / AREA: N/A
LOT / PARCEL NO: 201
L/F: L 221 F 618
GRID #: # 14
ZONING: RR-DEO
TAX MAP NO.: 22
ELECTION DISTRICT: 5TH
CENSUS TRACT: 6051.04

STORMWATER MANAGEMENT PRACTICES
PARCEL NO: 201
STREET ADDRESS: 3950 TEN OAKS ROAD
FACILITY TYPE & MIDE NO.: NON-ROOFTOP DISCONNECT (N-2)
PUBLIC:
PRIVATE: X
MAINTENANCE BY: OWNER



PROJECT
GLENELG SOLAR
1.99MWac

SITE LOCATION INFORMATION
3950 TEN OAKS ROAD
GLENELG, MD 21737
HOWARD COUNTY
PARCEL 201
TAX MAP 22 BLOCK 14
5TH ELECTION DISTRICT
DEED L 2221 F 618
ZONED RR-DEO

SITE OWNER INFORMATION
JACK COOGAN FLYOCK JR
13705 TRIADELPHIA ROAD
GLENELG, MD 21737

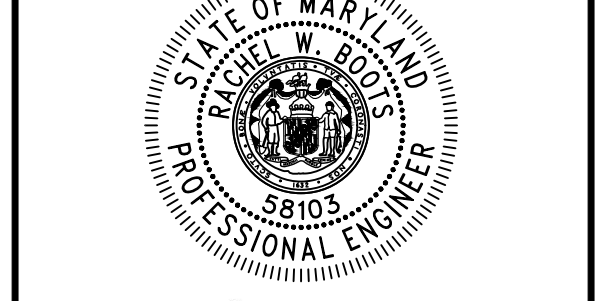
REVISION LIST table with columns for revision number, description, and date.

PROJECT INFORMATION table with fields for Project Latitude, Project Longitude, Utility Name, Min. Ambient Temperature, Max. Ambient Temperature, and Meter Number.

ARRAY 1 table with fields for Module Name, Inverter, Tilt Angle, No. of Modules, DC String Length, and No. of Strings.



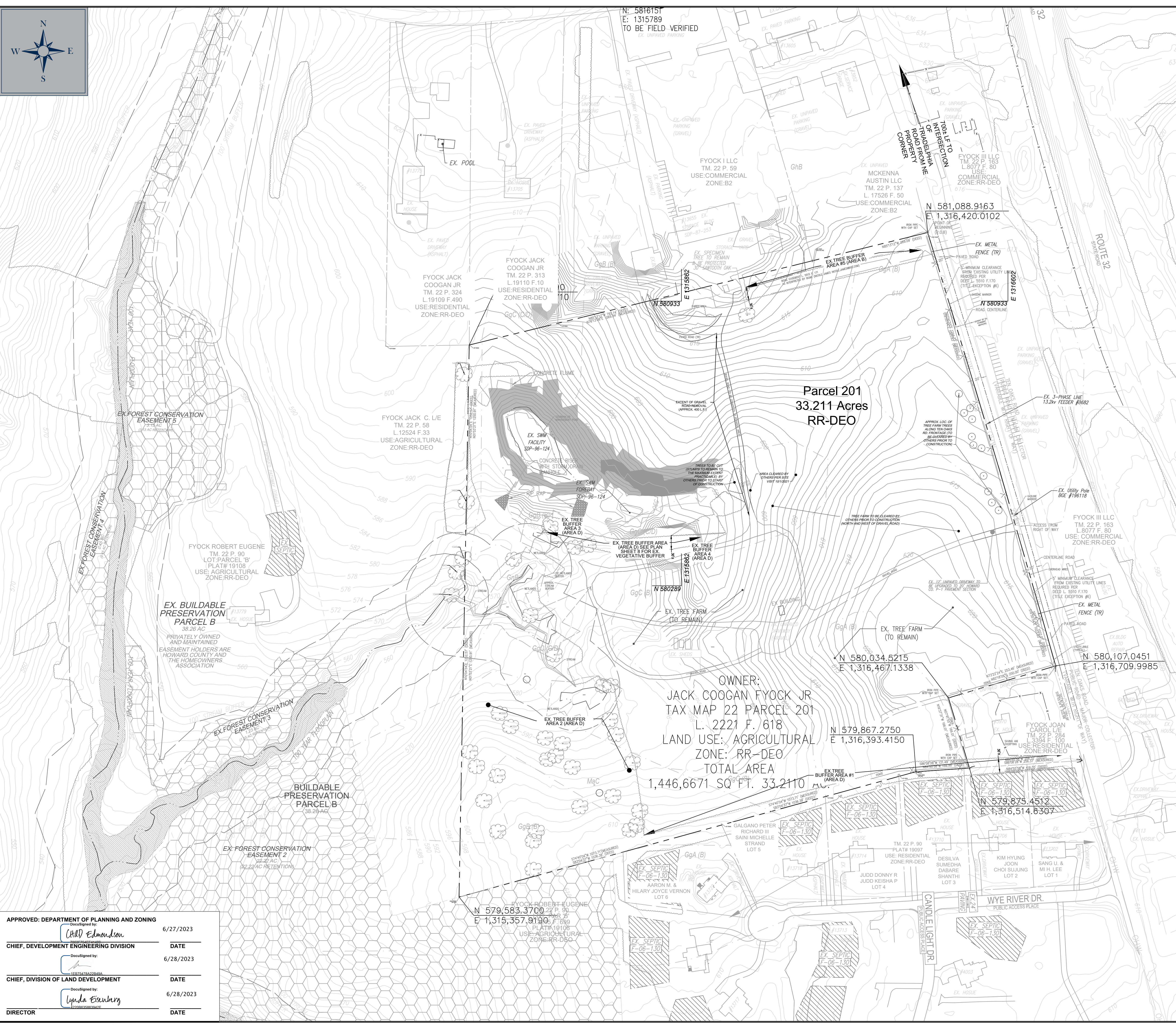
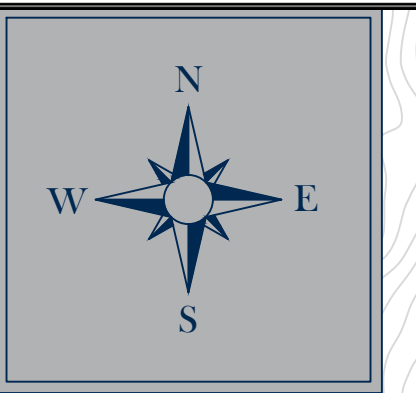
COMPANY CONTACT INFO
COMPANY NAME: Community Power Group
COMPANY ADDRESS: 5636 Connecticut Ave #42729 Washington, DC 20015
COMPANY PHONE: 202-844-6423
EMAIL: mborkowski@communitypowergroup.com



PROFESSIONAL CERTIFICATE
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND
LICENSE NO: 58103
EXPIRATION DATE: 09-15-2023
NAME: RACHEL BOOTS
ADDRESS: 5636 CONNECTICUT AVE NW #42729 WASHINGTON, DC 20015
PHONE NUMBER: 202-844-6473

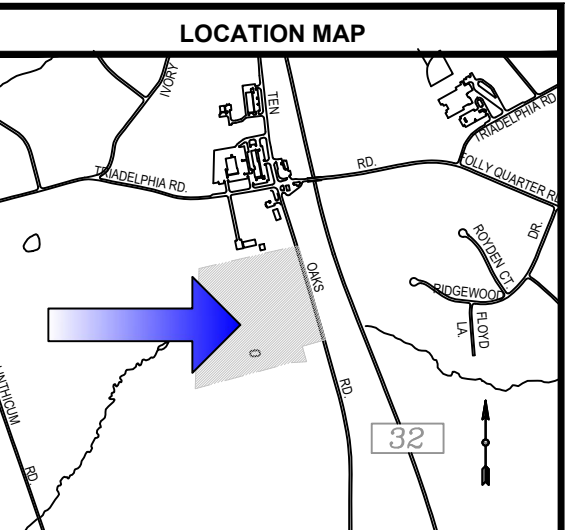
SHEET NAME
COVER SHEET
C101 1 OF 10
SCALE N.T.S. DATE 6/8/2023

SDP-22-020



LEGEND

	PARCEL BOUNDARY		EX. CENTERLINE
	PROJECT ZONING OFFSET		EX. OVERHEAD WIRE
	STREAM CENTERLINE		DRAINAGE AREA BOUNDARY
	STREAM BUFFER		PROPOSED P-1 PAVEMENT
	CONTOUR		SLOPE > 25%
	EX. METAL FENCE		SLOPE > 15%
	INTERCONNECTION PATH		SLOPE > 5%
	PROPOSED UTILITY POLE		EVERGREEN TREE
	TRANSFORMER PAD		DECIDUOUS TREE
	SOILS BOUNDARY		EXISTING WETLAND
	EXISTING TREELINE		WETLAND BUFFER
	EXISTING WETLAND		LIMIT OF DISTURBANCE
	WETLAND BUFFER		PROPOSED FENCE
	LIMIT OF DISTURBANCE		EXISTING FOREST CONSERVATION AREA
	PROPOSED FENCE		EXISTING EASEMENT
	EXISTING FOREST CONSERVATION AREA		DISCONNECTION AREA
	PROPOSED COMMON ACCESS EASEMENT		2x2 GRAVEL TRENCH
	HOWARD COUNTY GEODETIC CONTROL POINT		EX. RIP RAP
	CONTRACTOR TO FIELD VERIFIED		EX. SEPTIC EASEMENT



PROJECT

GLENELG SOLAR
1.99MWac

SITE LOCATION INFORMATION

3950 TEN OAKS ROAD
GLENELG, MD 21737
HOWARD COUNTY
PARCEL 201
TAX MAP 22 BLOCK 14
5TH ELECTION DISTRICT
DEED L. 2221 F. 618
ZONED RR-DEO

SITE OWNER INFORMATION

JACK COOGAN FYOCK JR
13705 TRIADELPHIA ROAD
GLENELG, MD 21737

REVISION LIST

NO.	DESCRIPTION	DATE

PROJECT INFORMATION

Project Latitude	39.259388
Project Longitude	-76.984413
Utility Name	BG&E
Min. Ambient Temperature	40°C
Max. Ambient Temperature	0°C
Meter Number	Open

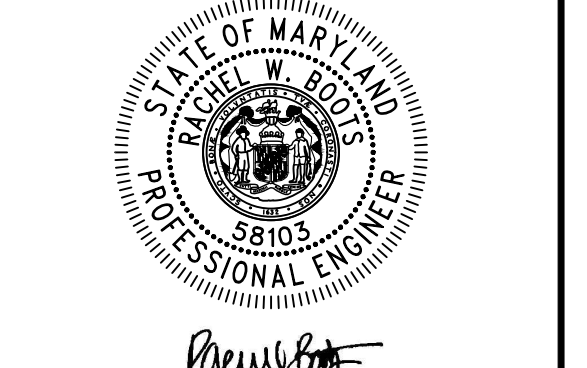
ARRAY 1

Module Name	Longi 445W
Inverter	Sungrow 125
Tilt Angle	25
No. of Modules	6240
DC String Length	26
No. of Strings	240



COMPANY CONTACT INFO

COMPANY NAME: Community Power Group
 COMPANY ADDRESS: 5636 Connecticut Ave #42729
 Washington, DC 20015
 COMPANY PHONE: 202-844-6423
 EMAIL: mborkowski@communitypowergroup.com



PROFESSIONAL CERTIFICATE
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 58103
 EXPIRATION DATE: 08-15-2023
 NAME: RACHEL BOOTS
 ADDRESS: 5638 CONNECTICUT AVE NW #42729
 WASHINGTON, DC 20015
 PHONE NUMBER: 202-844-6473

EXISTING CONDITIONS

C102

SCALE 1" = 100' DATE 6/8/2023

EXISTING CONDITIONS NARRATIVE

THIS PLAN REFERENCES THE ALTA SURVEY PREPARED BY LANDTECH CORPORATION, DATED 8/19/2021, SEE BELOW LEGAL DESCRIPTION AND EXCEPTIONS AS REFERENCED ON THE SURVEY.

LEGAL DESCRIPTION

SITUATED IN THE STATE OF MARYLAND, COUNTY OF HOWARD, AND IN THE FIFTH ELECTION DISTRICT:
 BEGINNING FOR THE SAME AT THE CORNER OF THE EXISTING FENCE HERETOFORE SET ON THE WESTERN MARGIN OF THE FORTY-FOOT WIDE RIGHT OF WAY OF THE COUNTRY ROAD NOW KNOWN AS THE TEN OAKS ROAD, THE SAID POINT BEING AT 1230.27 FEET ON THE FIRST OR SOUTH 14-1/2" EAST 150 PERCHES LINE OF THAT LAND, THE LAND HEREIN DESCRIBED BEING A PART THEREOF, WHICH BY DEED DATED DECEMBER 29, 1925, AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN LIBER NO. 125, FOLIO 518, ETC., WAS GRANTED AND CONVEYED BY CATHERINE E. GRIFFIN AND HUSBAND TO JOHN J. FYOCK AND WIFE, AND RUNNING WITH THE SAID ROAD MARGIN AND WITH A PART OF THE SAID FIRST LINE TO THE END THEREOF, AS NOW SURVEYED.

- (1) SOUTH 07° 41' 55" EAST 1244.73 FEET TO AN IRON PIPE HERETOFORE SET, THENCE LEAVING THE SAID ROAD AND RUNNING WITH THE SECOND, THIRD AND A PART OF THE FOURTH LINES OF THE SAID LAND,
- (2) NORTH 84° 55' 58" WEST 416.35 FEET TO A STONE HERETOFORE SET,
- (3) SOUTH 85° 04' 37" WEST 1039.39 FEET TO A STONE HERETOFORE SET,
- (4) NORTH 10° 04' 54" EAST 1252.57 FEET TO AN IRON PIPE NOW SET, THENCE WITH A LINE OF DIVISION NOW MADE,
- (5) NORTH 85° 13' 12" EAST 792.14 FEET TO AN IRON PIPE HERETOFORE SET AT THE END OF THE FIRST OR SOUTH 81° 50' WEST 269.09 FOOT LINE OF THAT LAND, WHICH BY DEED DATED MAY 23, 1962 AND RECORDED AMONG THE SAID LAND RECORDS IN LIBER NO. 383, FOLIO 590, ETC., WAS GRANTED AND CONVEYED BY JOHN J. FYOCK ET AL., TO JACK FYOCK, THENCE RUNNING REVERSELY WITH THE SAID FIRST LINE,
- (6) NORTH 85° 13' 12" EAST 269.09 FEET TO THE POINT OF THE BEGINNING, CONTAINING 34.326 ACRES OF LAND, MORE OR LESS.

SAVING AND EXCEPTING:
 BEGINNING FOR THE SAME AT AN IRON PIPE NOW SET ON THE WESTERN MARGIN OF THE FORTY FOOT WIDE RIGHT OF WAY OF THE COUNTRY ROAD KNOWN AS THE TEN OAKS ROAD, THE SAID POINT BEING AT 12.53 FEET ON THE SECOND OR SOUTH 87° 12' WEST 168 PERCHES LINE OF THAT LAND, THE LAND HEREIN DESCRIBED BEING A PART THEREOF, WHICH BY DEED DATED DECEMBER 29, 1925, AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN LIBER NO. 125, FOLIO 518, WAS GRANTED AND CONVEYED BY CATHERINE E. GRIFFIN AND HUSBAND TO JOHN J. FYOCK AND ETHEL FYOCK, HIS WIFE, AND RUNNING WITH A PART OF THE SAID SECOND LINE, AS NOW SURVEYED.

- (1) NORTH 84 DEGREES 55' 58" WEST 256.37 FEET TO AN IRON PIPE NOW SET, THENCE LEAVING THE SAID OUTLINE AND RUNNING WITH TWO LINES OF DIVISION NOW MADE,
- (2) NORTH 07 DEGREES 41' 55" WEST 168.01 FEET TO AN IRON PIPE NOW SET,
- (3) NORTH 82 DEGREES 18' 05" EAST 250.00 FEET TO AN IRON PIPE NOW SET ON THE AFORESAID MARGIN, THENCE RUNNING WITH THE SAID ROAD MARGIN,
- (4) SOUTH 07 DEGREES 41' 55" EAST 222.66 FEET TO THE POINT OF THE BEGINNING, CONTAINING 48.584 SQUARE FEET OF LAND.

FEMA FLOOD ZONE NOTE

THE PROPERTY SHOWN HEREON LIES IN ZONE X, AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN AS SHOWN ON FIRM PANEL 65 OF 235, COMMUNITY PANEL NUMBER 240220005D WITH AN EFFECTIVE DATE OF NOVEMBER 6, 2013, WHICH IS THE CURRENT F.I.R.M. FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED.

SCHEDULE B, PART II EXCEPTIONS

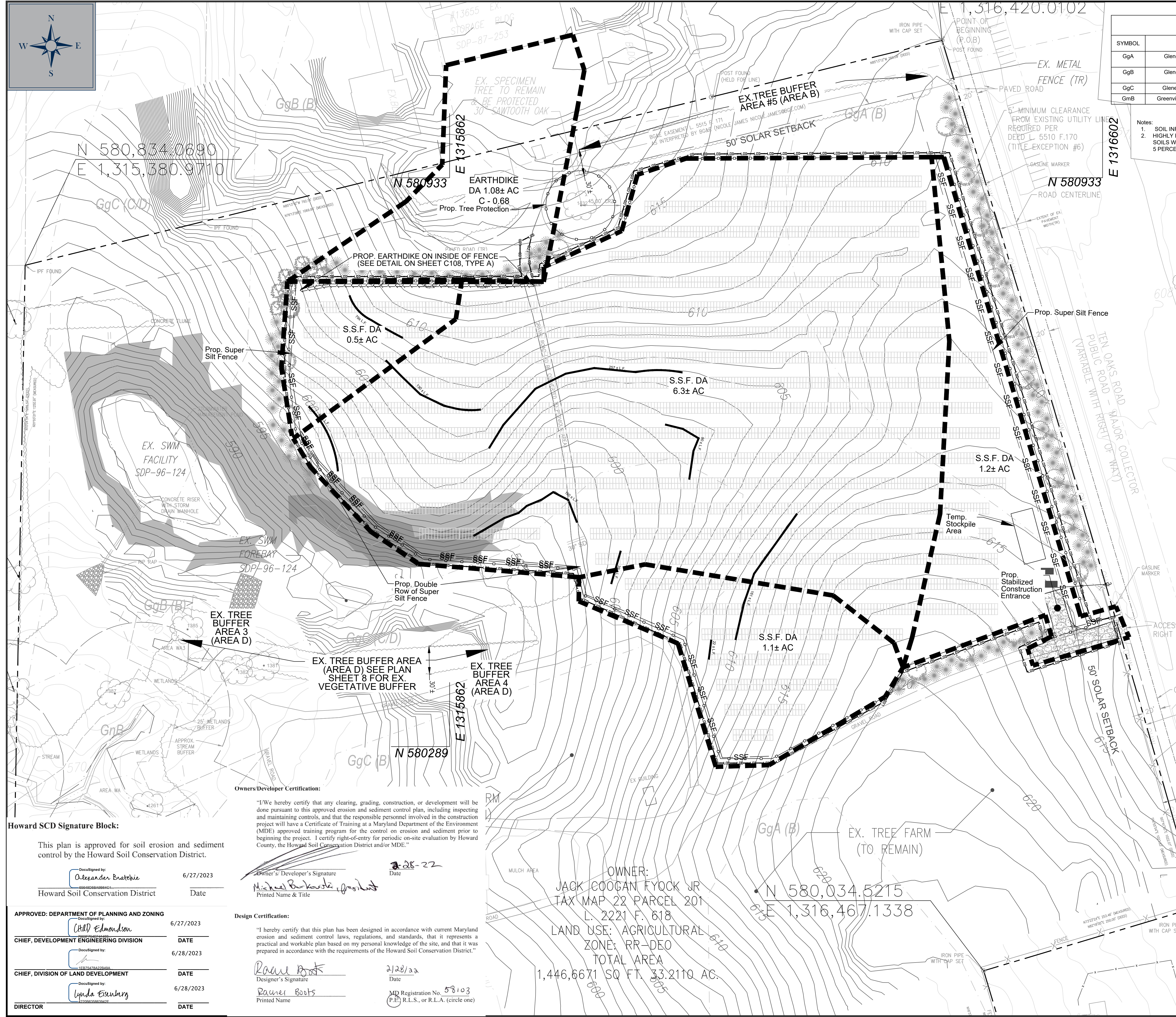
THE SURVEY WAS PREPARED IN ACCORDANCE WITH A TITLE REPORT PREPARED BY STEWART TITLE GUARANTEE COMPANY, COMMITMENT FILE NUMBER 21000330944-1 WITH AN EFFECTIVE DATE OF JULY 1, 2021. WE OFFER THE FOLLOWING RESPONSE TO THE SURVEY RELATED ITEMS IN SCHEDULE B-SECTION 2 THEREOF AS FOLLOWS:

- RIGHT OF WAY IN FAVOR OF THE STATE ROAD COMMISSION OF MARYLAND, ACTING FOR THE STATE OF MARYLAND, RECORDED DECEMBER 28, 1932 IN LIBER NO. 145, FOLIO 41, OFFICIAL RECORDS, HOWARD COUNTY, MARYLAND, PROVIDES THE CURRENT RIGHT OF WAY OF TEN OAKS ROAD.
- MAINTENANCE AGREEMENT IN FAVOR OF HOWARD COUNTY, MARYLAND, A BODY CORPORATE AND POLITIC, RECORDED MARCH 10, 1997 IN LIBER NO. 3929, FOLIO 49, OFFICIAL RECORDS, HOWARD COUNTY, MARYLAND, EFFECTS SUBJECT PROPERTY STORMWATER MANAGEMENT FACILITY SHOWN HEREON.
- RIGHT OF WAY AGREEMENT IN FAVOR OF BALTIMORE GAS AND ELECTRIC COMPANY, RECORDED IN LIBER NO. 5515, FOLIO 170, OFFICIAL RECORDS, HOWARD COUNTY, MARYLAND, EFFECTS SUBJECT PROPERTY NOT PLOTTABLE (SEE UTILITY LINES ALONG TEN OAKS ROAD)
- EASEMENT IN FAVOR OF THE STATE ROAD COMMISSION OF MARYLAND, DATED OCTOBER 10, 1932, NOT FOUND OF RECORD IN THE OFFICIAL RECORDS, HOWARD COUNTY, MARYLAND, HOWEVER, IS BEING REFLECTED ON PLAT NO. 528 LOCATED ON THE STATE OF MARYLAND HIGHWAY MAPS WEBSITE PROVIDES THE CURRENT TEN OAKS ROAD RIGHT OF WAY SHOWN HEREON.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

DocuSigned by: 	6/27/2023
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE
DocuSigned by: 	6/28/2023
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE
DocuSigned by: 	6/28/2023
DIRECTOR	DATE

OWNER:
 JACK COOGAN FYOCK JR
 TAX MAP 22 PARCEL 201
 L. 2221 F. 618
 LAND USE: AGRICULTURAL
 ZONE: RR-DEO
 TOTAL AREA
 1,446,6671-SQ FT. 33.2110



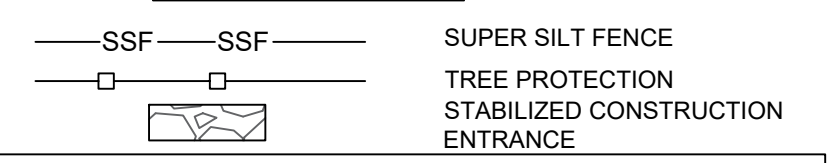
SOILS LEGEND				
SYMBOL	NAME/DESCRIPTION	GROUP	K FACTOR	PERCENT OF SITE
GgA	Glennelg loam, 0 to 3 percent slopes	B	0.3700	19.70%
GgB	Glennelg loam, 3 to 8 percent slopes	B	0.3700	69.50%
GgC	Glennelg loam, 8 to 15 percent slopes	B	0.3700	7.70%
GmB	Greenville silt loam, 3 to 8 percent slopes	CID	0.5500	3.10%

- Notes:
- SOIL INFORMATION HAS BEEN TAKEN FROM THE USDA NRCS WEB SOIL SERVICE
 - HIGHLY ERODIBLE SOILS ARE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'K' GREATER THAN 0.35 AND A SLOPE GREATER THAN 5 PERCENT.

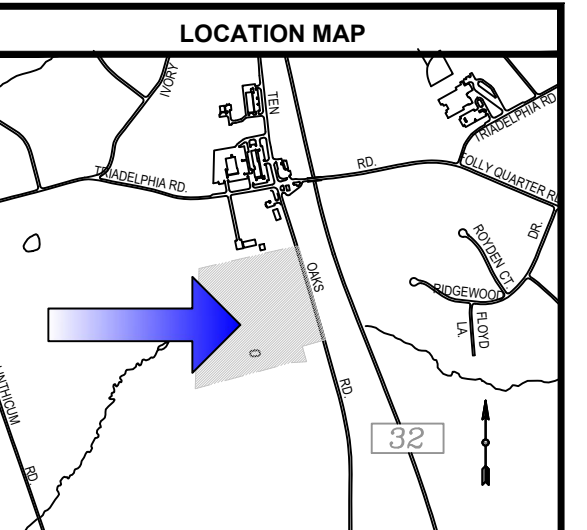
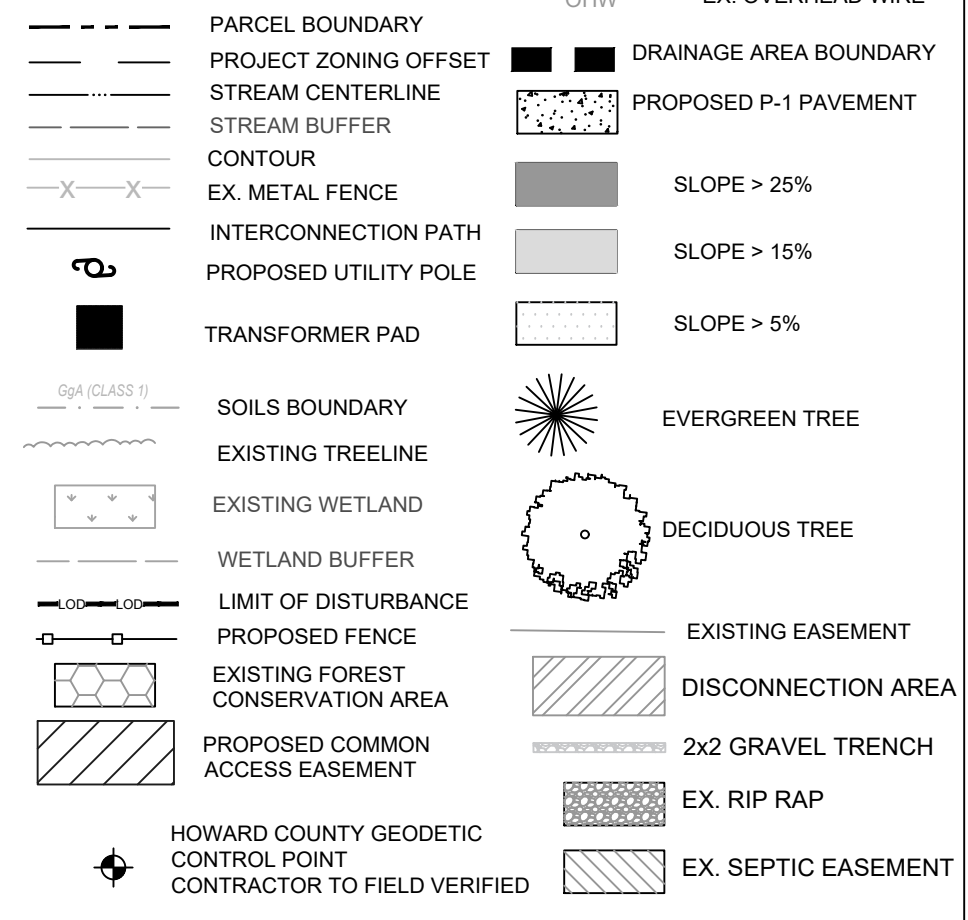
- EROSION AND SEDIMENT CONTROL NOTES:
- SILT FENCE IS TO BE REPLACED WITH SUPER SILT FENCE AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR
 - SILT FENCE SHALL BE CURLED UPHILL NO MORE THAN 35 FEET APART
 - DOUBLE ROWS OF SUPER SILT FENCE SHALL BE INSTALLED AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR
 - THE EXISTING GRAVEL ROAD WITHIN THE PROJECT AREA IS TO BE REMOVED; CONTRACTOR TO SCARIFY THE EXISTING SURFACE. CONTRACTOR TO UNIFORMLY DISTRIBUTE THE PROPOSED GROUND COVER OVER THIS AREA TO SUPPORT THE CONVERSION OF THIS AREA TO PERVIOUS COVER.
 - THE EXISTING CULVERT IS TO REMAIN. THE GROUND COVER ABOVE THE CULVERT IS TO REMAIN (EXCLUDING THE REMOVAL OF THE GRAVEL ROAD). CONTRACTOR TO UNIFORMLY DISTRIBUTE THE PROPOSED GROUND COVER OVER THIS AREA TO SUPPORT THE STABILIZATION OF THE GROUND COVER IN THIS AREA FOR THE PURPOSES OF MAINTAINING EXISTING DRAINAGE PATTERNS. IF DEEMED NECESSARY DURING CONSTRUCTION, CONTRACTOR TO REMOVE AND REPLACE THE CULVERT IN KIND OR REMOVE AND SMOOTH THE EXISTING GRADES TO ELIMINATE THE NEED FOR THE CULVERT WHILE MAINTAINING THE EXISTING DRAINAGE PATTERN. NO MASS GRADING PROPOSED WITHIN PROJECT BOUNDARY.
 - EROSION AND SEDIMENT CONTROL FOR DAY TO DAY CONSTRUCTION ACTIVITIES ONLY: PILE DRIVING FOR PANEL RACKING AND INSTALLATION OF SITE FEATURES (DRIVEWAY, EQUIPMENT PADS, LEVEL SPREADERS).
 - FOR SOILS ON SITE THAT WOULD BE CONSIDERED HIGHLY ERODIBLE BY THE HOWARD SOIL CONSERVATION DISTRICT, MORE STRINGENT SEEDING AND STABILIZATION METHODS MAY BE EXPECTED DURING CONSTRUCTION.
 - STABILIZATION IS TO BE DONE AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR AT THE INTERVALS REQUIRED BY THE CURRENT STDS. AND SPECS., WHICHEVER IS MORE RESTRICTIVE. SEDIMENT CONTROLS INTERRUPTED BY INSTALLATION OF UTILITY LINES ARE TO BE REPAIRED IMMEDIATELY.

- SEQUENCE OF CONSTRUCTION:
- WEEK 1
- OBTAIN ALL APPLICABLE PERMITS. (DAY 1)
 - NOTIFY HOWARD COUNTY BUREAU OF INSPECTION SNAD PERMITS (410-313-1880) AT LEAST 24 HOURS BEFORE STARTING ANY WORK. (DAY 2)
 - STAKEOUT LIMITS OF DISTURBANCE. (DAY 3)
 - CLEAR AND GRUB AND INSTALL STABILIZED CONSTRUCTION ENTRANCE. NOTE: EXISTING DRIVEWAY TO BE USED TO THE MAXIMUM EXTENT POSSIBLE. (DAY 4)
 - INSTALL PERIMETER CONTROLS AS SHOWN IN PLAN VIEW IN ACCORDANCE WITH DETAILS SHOWN HEREON. (DAY 5)
 - STOCKPILING AND STAGING AREAS TO BE LOCATED WITHIN LOD. STOCKPILES SHALL BE STABILIZED AS DETAILED HEREON. (DAY 6-7)
- MONTHS 1-2
- UPON APPROVAL OF PERIMETER CONTROL INSTALLATION BY COUNTY INSPECTOR, INITIATE SCARIFYING OF EXISTING GRAVEL PATHWAY. (DAY 8-12)
 - BEGIN DRIVEWAY AND CONCRETE PADS CONSTRUCTION. (DAY 12-19)
 - PERFORM SOLAR ARRAY CONSTRUCTION, UNDERGROUND ELECTRIC INSTALLATION. (DAY 19 - 60)
- MONTHS 3-4
- CONSTRUCT LEVEL SPREADERS AND EARTHDIKE. (DAY 61-82)
 - STABILIZE AREA WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH OR EQUAL STABILIZATION. (DAY 83-84)
 - INSTALL LANDSCAPING AND FENCING PER PLAN AND DETAILS. (DAY 85-92)
 - AFTER PERMISSION HAS BEEN GIVEN BY SEDIMENT CONTROL INSPECTOR, REMOVE ANY REMAINING EROSION AND SEDIMENT CONTROLS AND STABILIZED THE DISTURBED AREAS FROM THE DISTURBANCES WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH OR EQUAL STABILIZATION. (DAY 92-100)
- NOTES
- ANY CHANGES OR REVISIONS TO THE SEQUENCE OF CONSTRUCTION MUST BE REVIEWED AND APPROVED BY THE INSPECTOR OR ASSOCIATED AUTHORITY TO PROCEED WITH CONSTRUCTION.
 - TIME FRAMES ARE APPROXIMATE AND TO BE ESTABLISHED BY CONTRACTOR AND REVIEWED BY INSPECTOR.

ESC LEGEND



LEGEND



PROJECT

GLENELG SOLAR

1.99MWac

SITE LOCATION INFORMATION

3950 TEN OAKS ROAD
GLENELG, MD 21737
HOWARD COUNTY
PARCEL 201
TAX MAP 22 BLOCK 14
5TH ELECTION DISTRICT
DEED L 2221 F 618
ZONED RR-DEO

SITE OWNER INFORMATION

JACK COOGAN FYOCK JR
13705 TRIADLEPHIA ROAD
GLENELG, MD 21737

REVISION LIST

NO.	DESCRIPTION	DATE

PROJECT INFORMATION

Project Latitude	39.259388
Project Longitude	-76.984413
Utility Name	BG&E
Min. Ambient Temperature	40°C
Max. Ambient Temperature	0°C
Meter Number	Open

ARRAY 1

Module Name	Longi 445W
Inverter	Sungrow 125
Tilt Angle	25
No. of Modules	6240
DC String Length	26
No. of Strings	240

COMPANY LOGO

COMPANY CONTACT INFO

COMPANY NAME: Community Power Group
 COMPANY ADDRESS: 5636 Connecticut Ave #42729
 Washington, DC 20015
 COMPANY PHONE: 202-844-6423
 EMAIL: mborkowski@communitypowergroup.com

PROFESSIONAL CERTIFICATE

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

EXPIRATION DATE: 08-15-2023

NAME: RACHEL BOOTS
 ADDRESS: 5638 CONNECTICUT AVE NW #42729
 WASHINGTON, DC 20015
 PHONE NUMBER: 202-844-6473

SHEET NAME

ESC PLAN C104

SCALE: 1" = 50' DATE: 6/8/2023

Howard SCD Signature Block:

This plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

DocuSigned by:
Alexander Bratchee
6664806A9864C1
Howard Soil Conservation District

6/27/2023
Date

Owners/Developer Certification:

"I/We hereby certify that any clearing, grading, construction, or development will be done pursuant to this approved erosion and sediment control plan, including inspecting and maintaining controls, and that the responsible personnel involved in the construction project will have a Certificate of Training at a Maryland Department of the Environment (MDE) approved training program for the control on erosion and sediment prior to beginning the project. I certify right-of-entry for periodic on-site evaluation by Howard County, the Howard Soil Conservation District and/or MDE."

Owner's/Developer's Signature
Michael Burkowski
Printed Name & Title

6-28-22
Date

APPROVED: DEPARTMENT OF PLANNING AND ZONING

DocuSigned by:
CAND Edmondson
6664806A9864C1
CHIEF, DEVELOPMENT ENGINEERING DIVISION

6/27/2023
DATE

DocuSigned by:
6664806A9864C1
CHIEF, DIVISION OF LAND DEVELOPMENT

6/28/2023
DATE

DocuSigned by:
Lynda Brantner
6664806A9864C1
DIRECTOR

6/28/2023
DATE

Design Certification:

"I hereby certify that this plan has been designed in accordance with current Maryland erosion and sediment control laws, regulations, and standards, and that it represents a practical and workable plan based on my personal knowledge of the site, and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

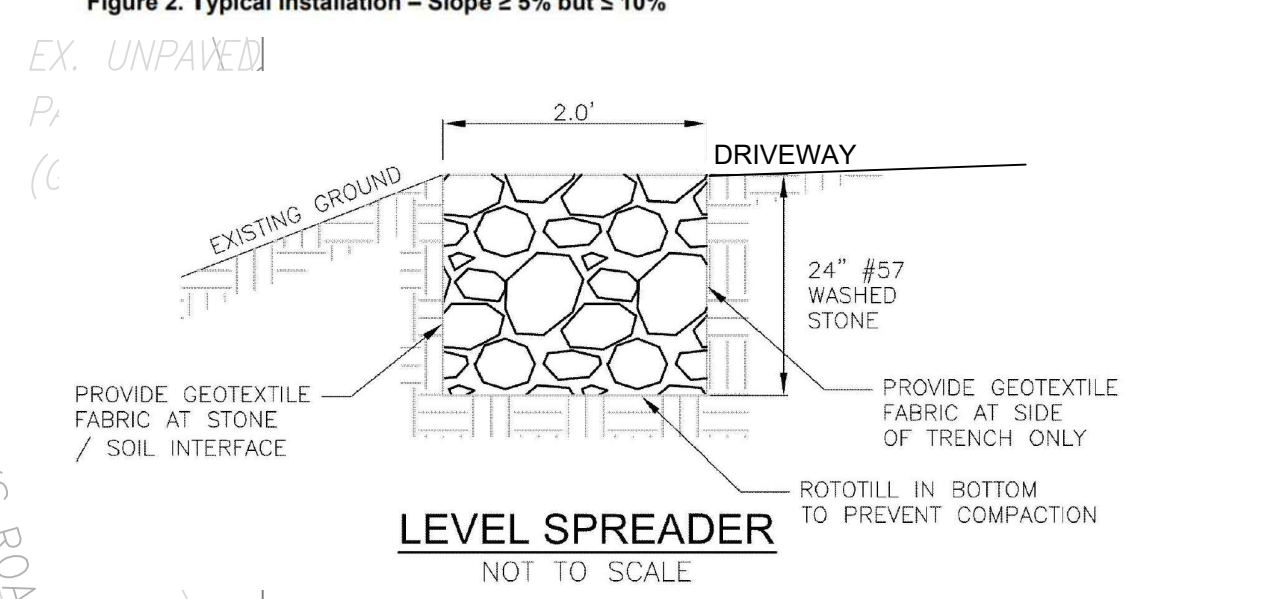
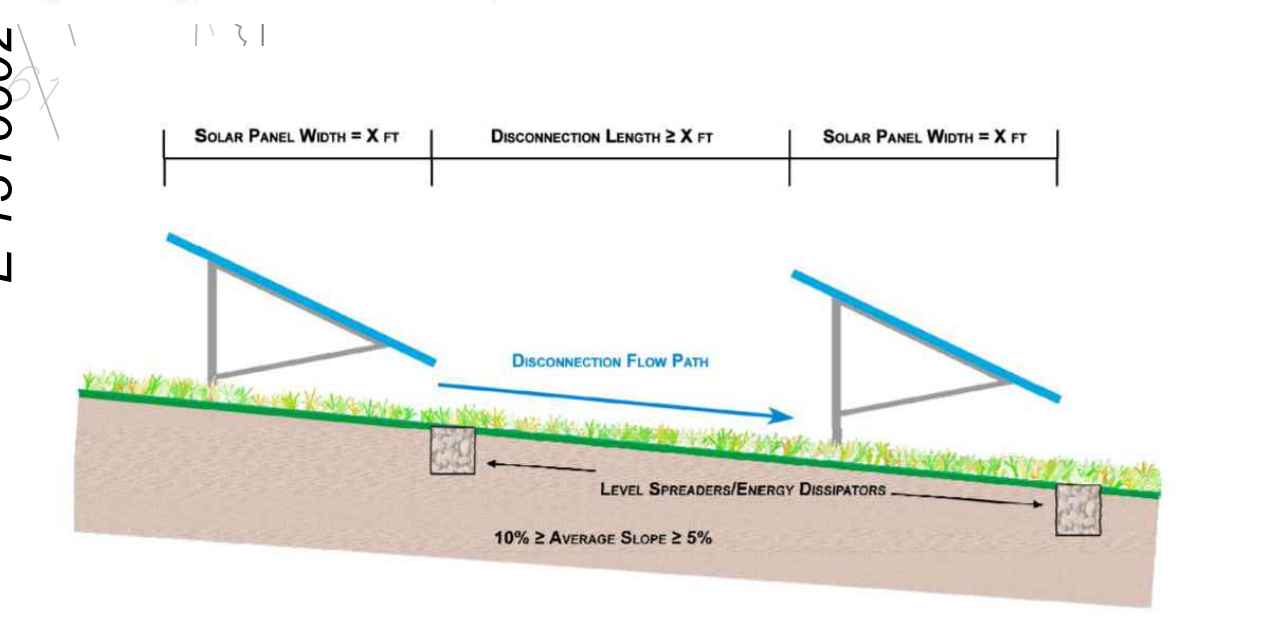
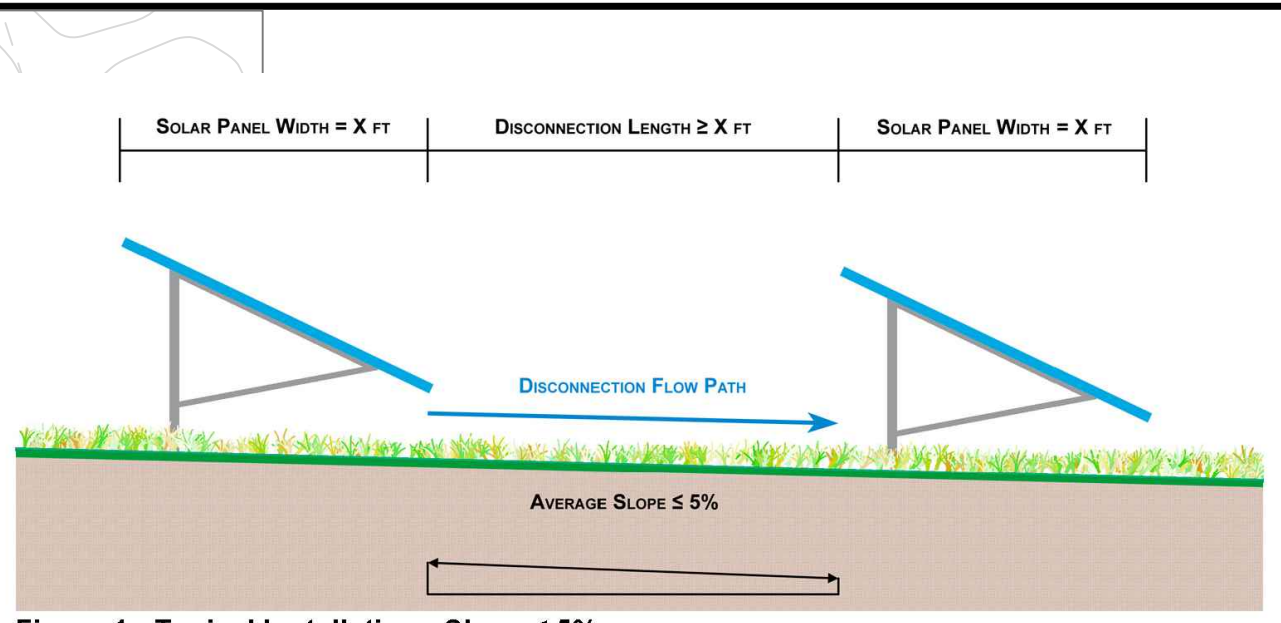
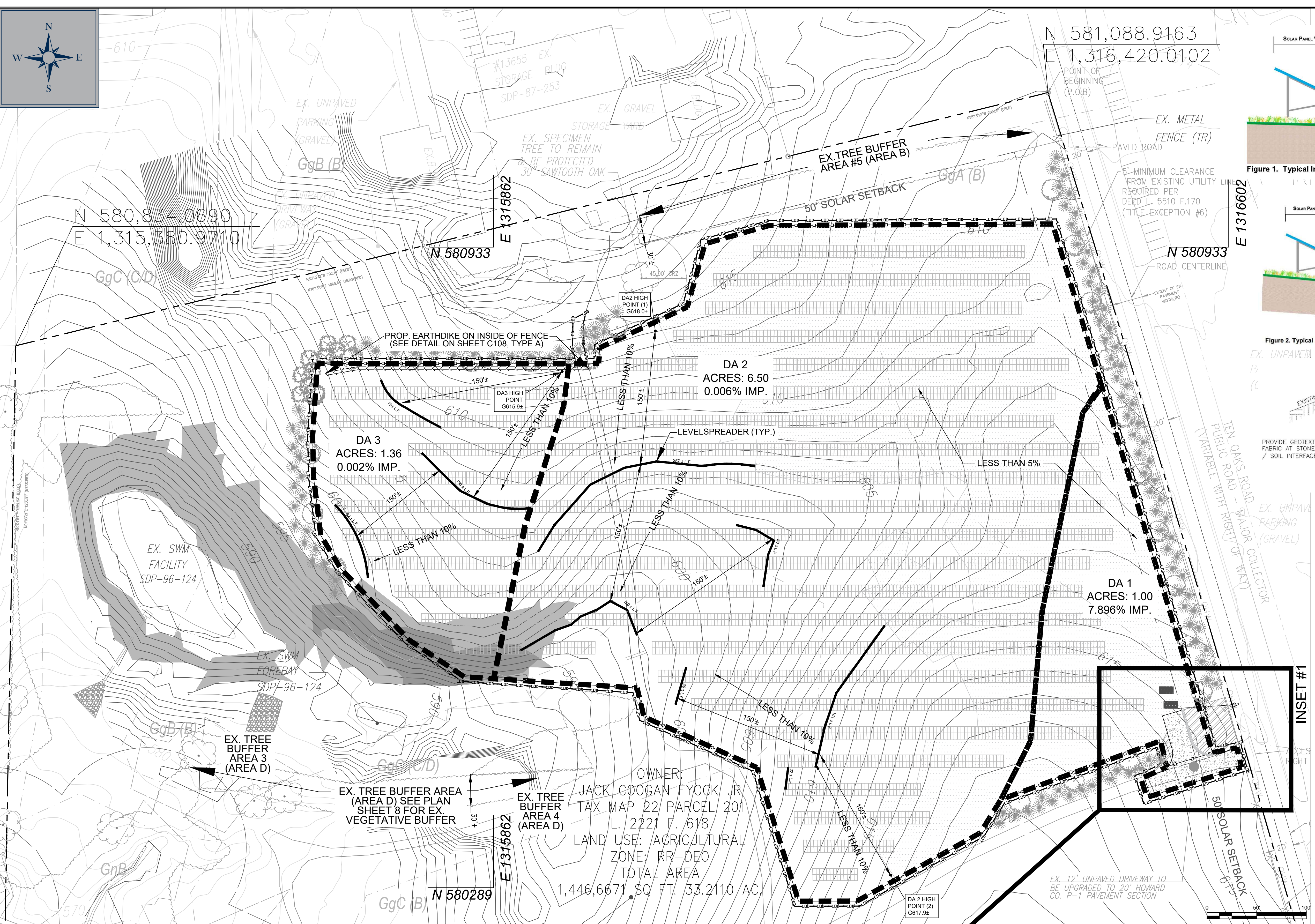
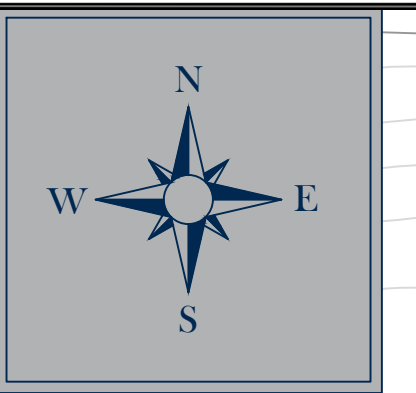
Designer's Signature
Rachael Boots
Printed Name

6/28/22
Date

MD Registration No. 58103
P.E., R.L.S., or R.L.A. (circle one)

OWNER:
JACK COOGAN FYOCK JR
TAX MAP 22 PARCEL 201
L. 2221 F. 618
LAND USE: AGRICULTURAL
ZONE: RR-DEO
TOTAL AREA
1,446,6671 SQ FT. 33.2110 AC.

N 580,034.5215
E 1,316,467.1338



IMPERVIOUS AREA (SF)	DA	Soils
Driveway	3000.00	DA1 Soils A/B
Pads	196.00	DA1 Soils A/B
Poles	22.00	see chart
Total	3218.00	

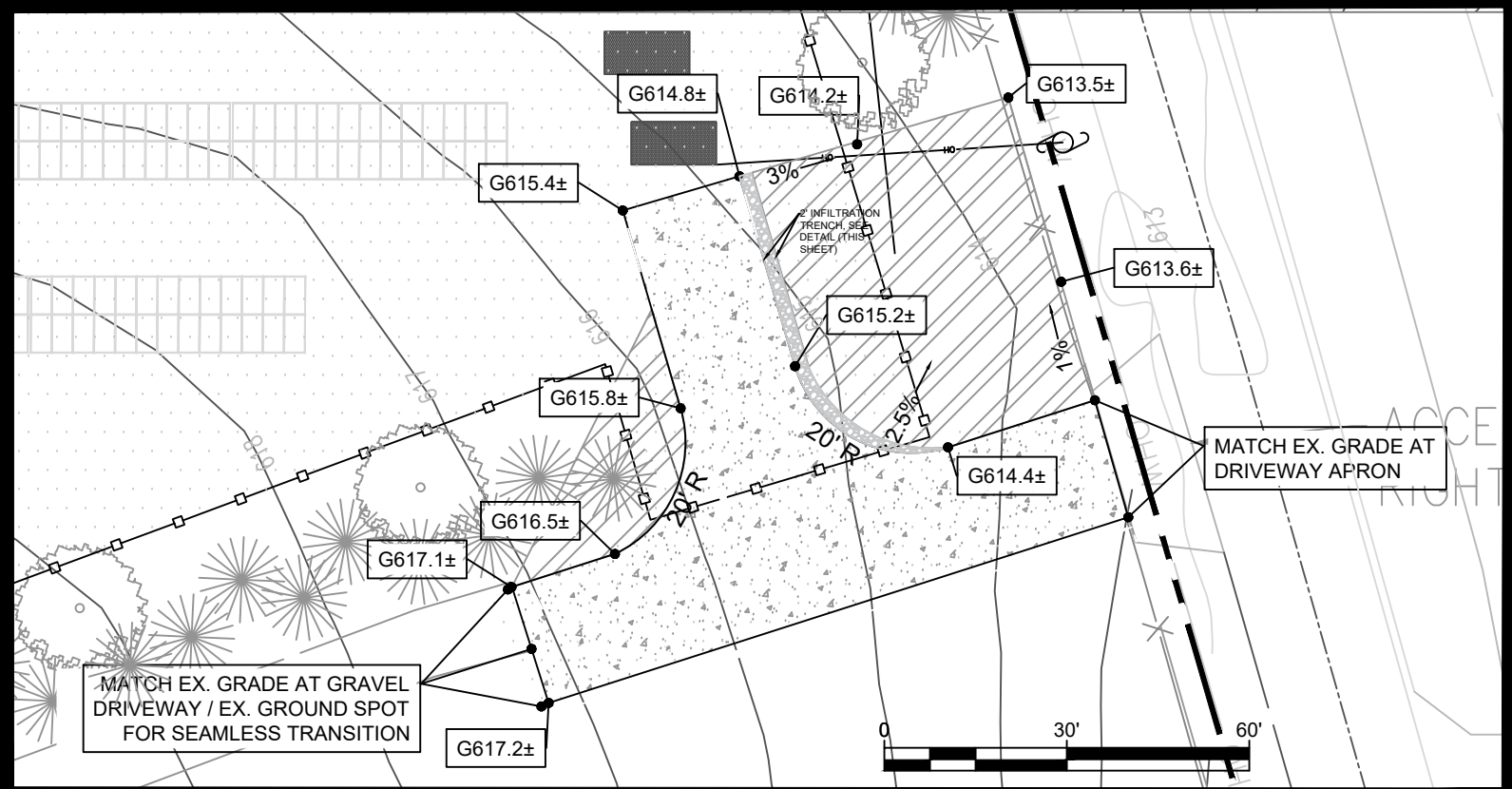
Soil	Pole Area per DA (SF)		
	DA1	DA2	DA3
A/B	3.30	16.81	1.38
C/D	0.00	0.52	0.00

STORMWATER MANAGEMENT NOTES AND DESIGN NARRATIVE
 BELOW IS A LIST TO DESCRIBE THE STORMWATER MANAGEMENT REQUIREMENTS AND ACHIEVEMENTS FOR THE SITE PER THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I AND II, AS AMENDED BY THE STORMWATER MANAGEMENT ACT OF 2007:

1. ENVIRONMENTALLY SENSITIVE AREAS HAVE BEEN AVOIDED.
2. THE NATURAL FLOW PATTERNS OF THE SITE HAVE BEEN MAINTAINED.
3. THE DESIGN INCORPORATES THE LEAST IMPERVIOUS AREA POSSIBLE.
4. ESD PLANNING TECHNIQUES AND PRACTICES HAVE BEEN IMPLEMENTED TO THE MAXIMUM EXTENT PRACTICABLE THROUGH THE USE OF NON-ROOFTOP (N-2) DISCONNECTS INCLUDING LEVEL SPREADERS IN AREAS EXCEEDING 5%.
5. A DESIGN MANUAL WAIVER TO DESIGN MANUAL, VOLUME III, SECTION 1.3 C STREET TYPES - COUNTY ROAD IS BEING REQUESTED.
6. THE PROPOSED SOLAR AREAS WILL UTILIZE GRASSES, MEADOWS, OR APPROVED EQUIVALENT GROUND COVER SUCH THAT RUNOFF FROM THE SOLAR PANELS WILL FLOW INTO THE GRASSES.
7. ALL SOLAR EQUIPMENT IMPERVIOUS AREAS (CUMULATIVE SOLAR PANEL POLES), THE CONCRETE PADS, AND PAVED ACCESS DRIVE WILL BE TREATED VIA NON-ROOFTOP DISCONNECT (N-2).
8. GRADE SHOTS SHOWN FOR REFERENCE ONLY. MINIMUM 2% CROSS-SLOPE ON PROPOSED DRIVEWAY SURFACE DIRECTING RUNOFF TO DISCONNECTION AREA. NON-ROOFTOP DISCONNECT AREA TO MAINTAIN EXISTING SLOPES AS SHOWN (UNDER 5%).

LEGEND

- EX. CENTERLINE
- CHW
- EX. OVERHEAD WIRE
- PARCEL BOUNDARY
- PROJECT ZONING OFFSET
- STREAM CENTERLINE
- STREAM BUFFER
- CONTOUR
- EX. METAL FENCE
- INTERCONNECTION PATH
- PROPOSED UTILITY POLE
- TRANSFORMER PAD
- SOILS BOUNDARY
- EXISTING TREELINE
- EXISTING WETLAND
- WETLAND BUFFER
- LIMIT OF DISTURBANCE
- PROPOSED FENCE
- EXISTING FOREST CONSERVATION AREA
- PROPOSED COMMON ACCESS EASEMENT
- EX. CENTERLINE
- CHW
- EX. OVERHEAD WIRE
- DRAINAGE AREA BOUNDARY
- PROPOSED P-1 PAVEMENT
- SLOPE > 25%
- SLOPE > 15%
- SLOPE > 5%
- EVERGREEN TREE
- DECIDUOUS TREE
- EXISTING EASEMENT
- DISCONNECTION AREA
- 2x2 GRAVEL TRENCH
- EX. RIP RAP
- EX. SEPTIC EASEMENT
- HOWARD COUNTY GEODETIC CONTROL POINT
- CONTRACTOR TO FIELD VERIFY



N-2. DISCONNECTION OF NON-ROOFTOP RUNOFF

CONSTRUCTION CRITERIA:
 THE FOLLOWING ITEMS SHOULD BE ADDRESSED DURING THE CONSTRUCTION OF PROJECTS WITH PLANNED ROOFTOP DISCONNECTS:

- EROSION AND SEDIMENT CONTROL: EROSION AND SEDIMENT CONTROL PRACTICES (E.G., SEDIMENT TRAPS) SHALL NOT BE LOCATED IN VEGETATED AREAS RECEIVING DISCONNECTED RUNOFF
- 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 ROTOTILLING THE SOIL TO A DEPTH OF FOUR TO SIX INCHES SHALL BE PERFORMED TO ENSURE PERMEABILITY. ADDITIONALLY, AMENDMENTS MAY BE NEEDED FOR TIGHT, CLAYEY SOILS.

INSPECTION:
 A FINAL INSPECTION SHALL BE CONDUCTED BEFORE USE AND OCCUPANCY APPROVAL TO ENSURE THAT SIZING FOR TREATMENT AREAS HAVE BEEN MET AND PERMANENT STABILIZATION HAS BEEN ESTABLISHED.

MAINTENANCE CRITERIA:
 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 (E.G., BY PLANTING TREES OR SHRUBS ALONG THE PERIMETER). IN COMMERCIAL AREAS, FOOT TRAFFIC SHOULD BE DISCOURAGED AS WELL.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

DocuSigned by:
CHAD Edmondson 6/27/2023

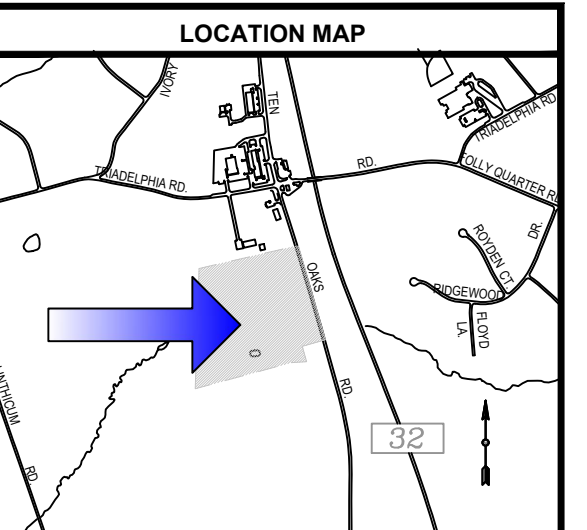
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

DocuSigned by:
 6/28/2023

CHIEF, DIVISION OF LAND DEVELOPMENT DATE

DocuSigned by:
Lynda Ewensky 6/28/2023

DIRECTOR DATE



PROJECT

GLENELG SOLAR
1.99MWac

SITE LOCATION INFORMATION

3950 TEN OAKS ROAD
 GLENELG, MD 21737
 HOWARD COUNTY
 PARCEL 201
 TAX MAP 22 BLOCK 14
 5TH ELECTION DISTRICT
 DEED L 2221 F. 618
 ZONED RR-DEO

SITE OWNER INFORMATION

JACK COOGAN FYOCK JR
 13705 TRIADLPHIA ROAD
 GLENELG, MD 21737

REVISION LIST

NO.	DESCRIPTION	DATE

PROJECT INFORMATION

Project Latitude: 39.259388
 Project Longitude: -76.984413
 Utility Name: BG&E
 Min. Ambient Temperature: 40°C
 Max. Ambient Temperature: 0°C
 Meter Number: Open

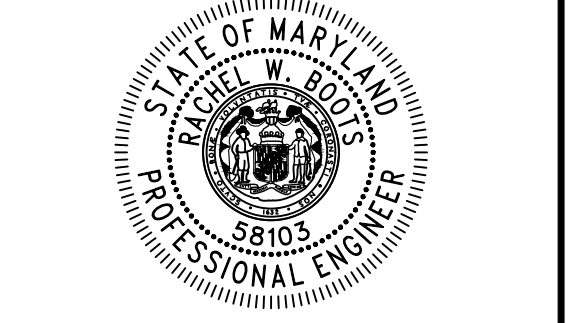
ARRAY 1

Module Name	Longi 445W
Inverter	Sungrow 125
Tilt Angle	25
No. of Modules	6240
DC String Length	26
No. of Strings	240



COMPANY CONTACT INFO

COMPANY NAME: Community Power Group
 COMPANY ADDRESS: 5636 Connecticut Ave #42729
 Washington, DC 20015
 COMPANY PHONE: 202-844-6423
 EMAIL: mborkowski@communitypowergroup.com



PROFESSIONAL CERTIFICATE
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 58103
 EXPIRATION DATE: 08-15-2023

NAME: RACHEL BOOTS
 ADDRESS: 5638 CONNECTICUT AVE NW #42729
 WASHINGTON DC 20015
 PHONE NUMBER: 202-844-6473

STORMWATER MANAGEMENT PLAN C106

SCALE: 1" = 50' DATE: 6/8/2023

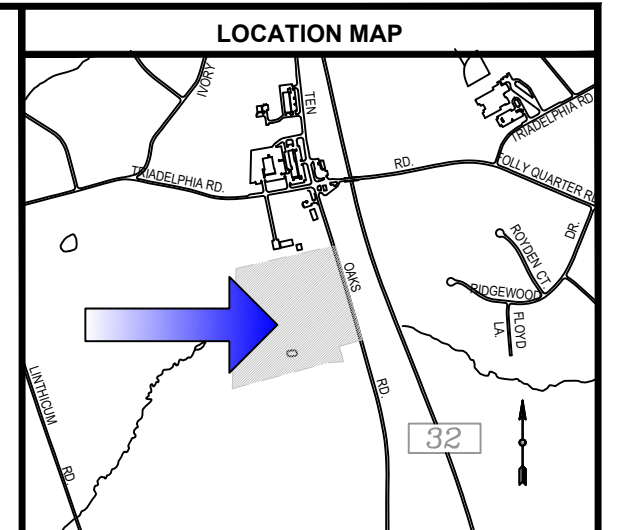
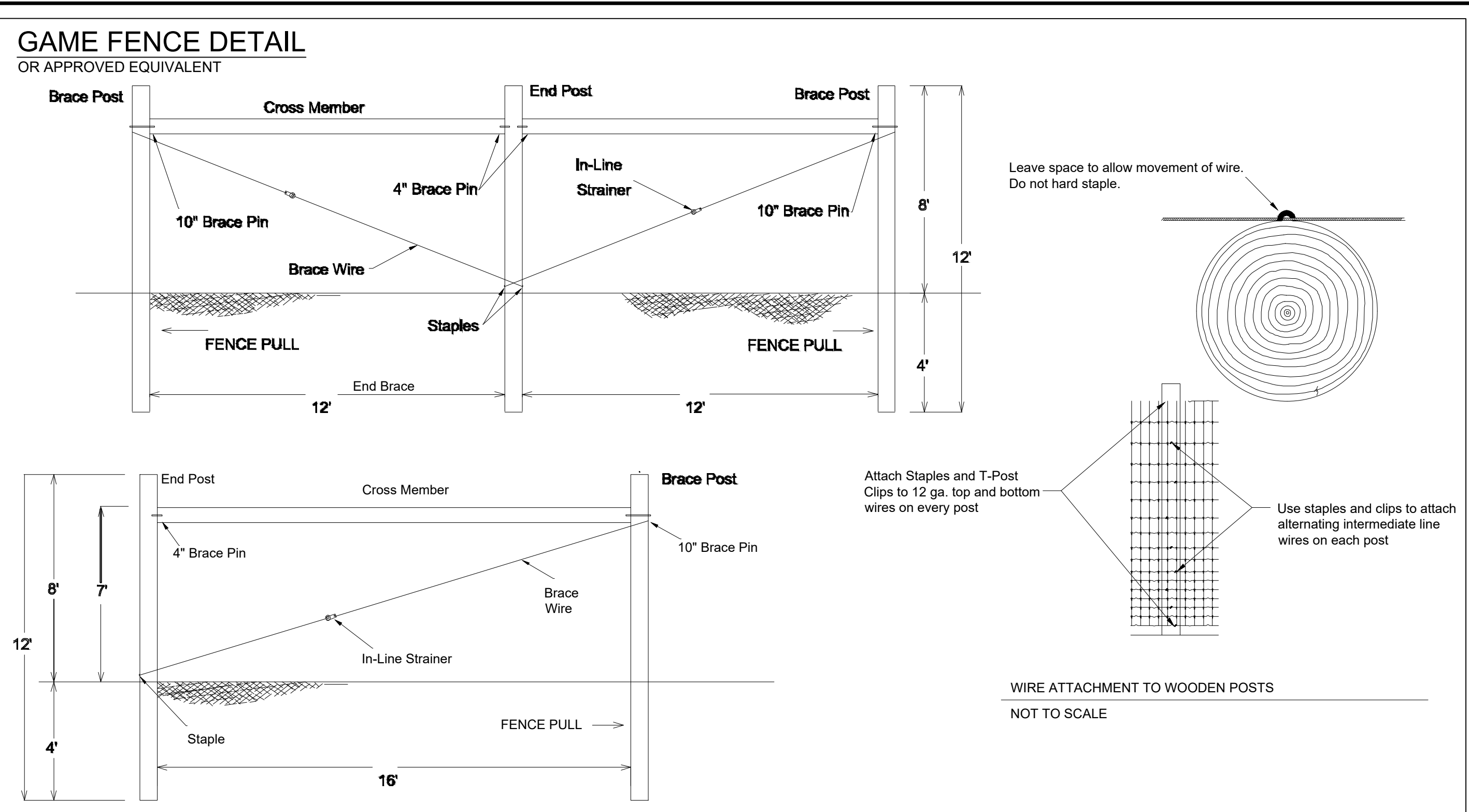
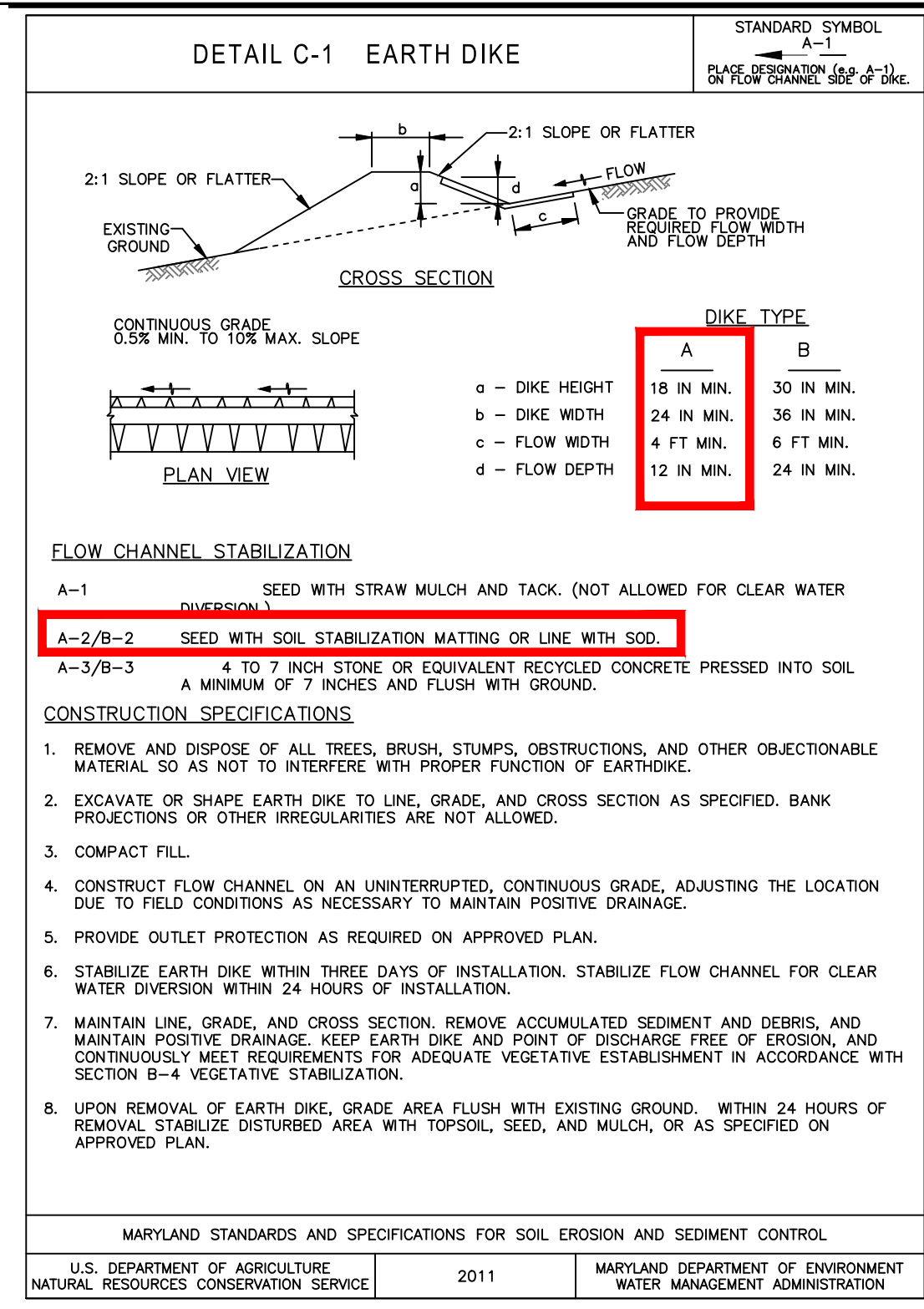
SDP-22-020

NOTE: GEOTECHNICAL RECOMMENDATION BASED ON CBR = 5

Table with columns: SECTION NUMBER, ROAD AND STREET CLASSIFICATION, CALIFORNIA BEARING RATIO (CBR), MIN. SUPERPAVE ASPHALT MIX WITH GAB, SUPERPAVE ASPHALT MIX WITH CONSTANT GAB. Includes sections P-1, P-2, P-3, P-4.

NOTES: 1. HEAVY TRUCKS ARE DEFINED AS THOSE WITH SIX (6) WHEELS OR MORE INCLUDING GARBAGE TRUCKS. 2. SUPERPAVE ASPHALT MIX LAYERS SHALL BE PLACED IN APPROPRIATE COMPACTED LIFT THICKNESS...

Howard County, Maryland Department of Public Works. Paving Sections P-1 to P-4. Detail R-2.01. Includes signatures and dates.



PROJECT: GLENELG SOLAR 1.99MWac. SITE LOCATION INFORMATION: 3950 TEN OAKS ROAD, GLENELG, MD 21737.

SITE OWNER INFORMATION: JACK COOGAN FVOCX, JR. 13705 TRIADELPHIA ROAD, GLENELG, MD 21737.

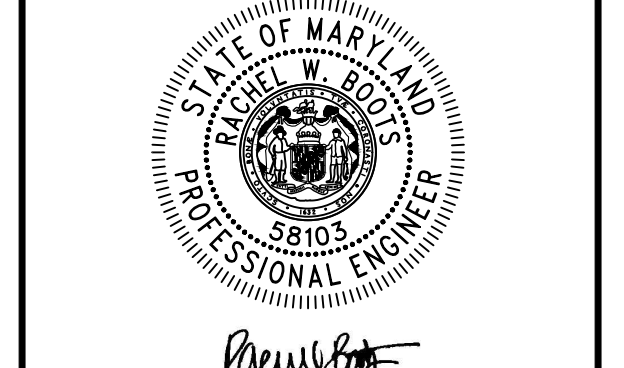
REVISION LIST table with columns for revision number, description, and date.

PROJECT INFORMATION table: Project Latitude 39.259388, Project Longitude -76.984413, Utility Name BG&E, Min. Ambient Temperature 40°C, Max. Ambient Temperature 0°C.

ARRAY 1 table: Module Name Longi 445W, Inverter Sungrow 125, Tilt Angle 25, No. of Modules 6240, DC String Length 26, No. of Strings 240.



COMPANY CONTACT INFO: COMPANY NAME: Community Power Group, COMPANY ADDRESS: 5636 Connecticut Ave #42729, Washington, DC 20015.



PROFESSIONAL CERTIFICATE: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

SHEET NAME: DETAILS C108. SCALE: N.T.S. DATE: 6/8/2023.

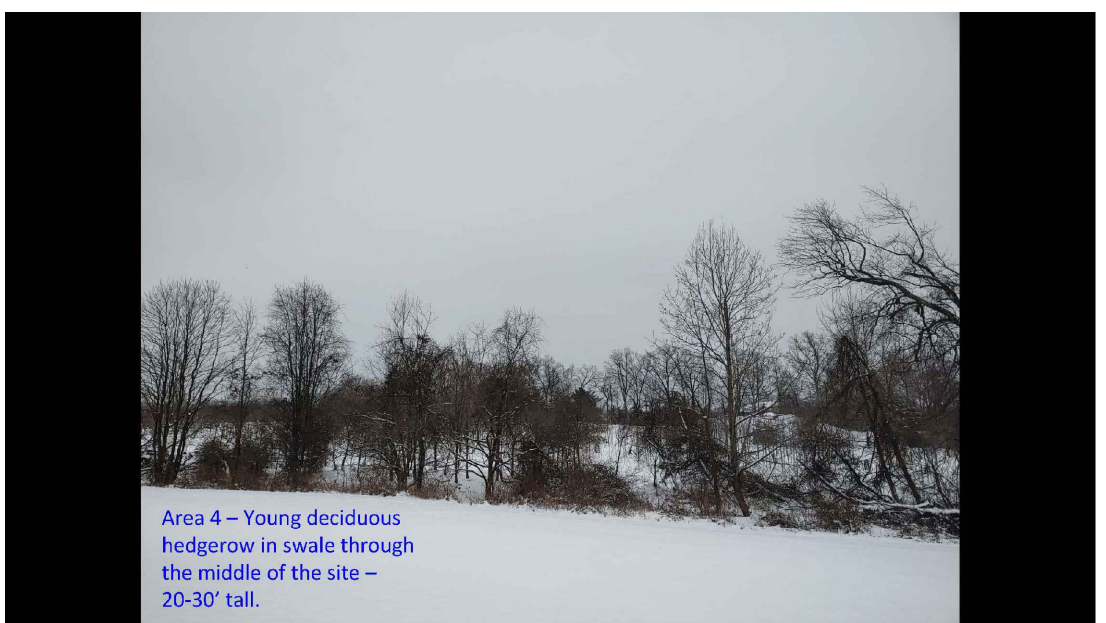
EXISTING VEGETATIVE BUFFER AREAS, AS APPROVED WITH THE CONDITIONAL USE PLAN

Vegetative Assessment of Buffer Areas

Table with columns: Buffer, Average Width, Average Height, Buffer Composition. Lists 5 different buffer types and their characteristics.



Area 1 - Evergreen screen plantings along southern property boundary 20-30' tall. Deciduous hedgerow in background offset.



Area 4 - Young deciduous hedgerow in swale through the middle of the site - 20-30' tall.



Area 1 - Evergreen screen plantings along southern property boundary. Trees are 20-30' tall. Deciduous hedgerow in background offset.



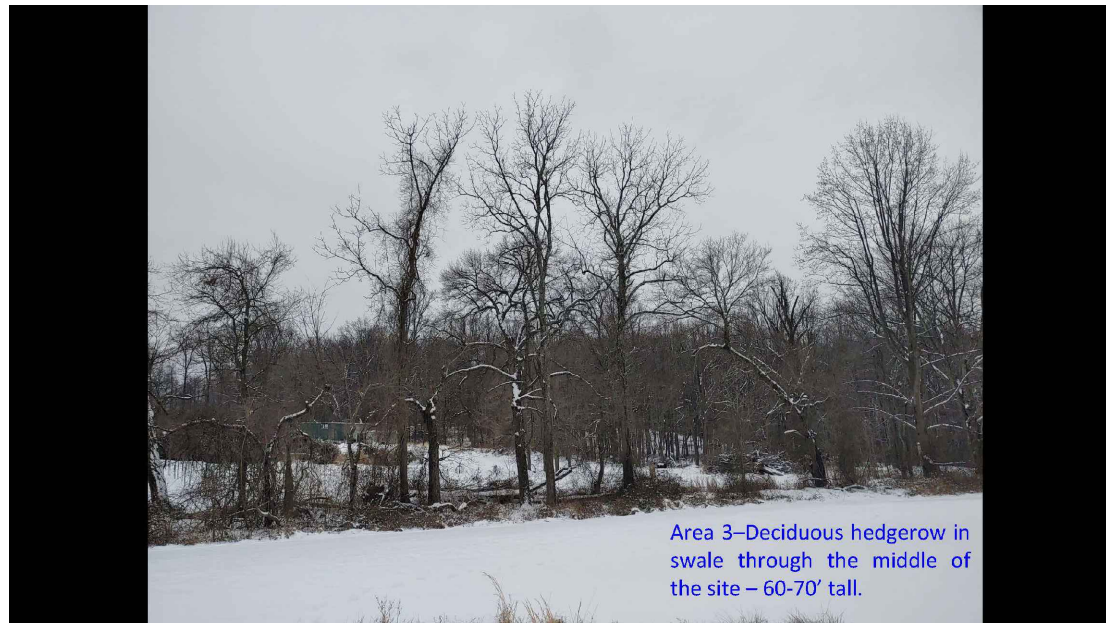
Area 5 - Evergreen screen plantings along northeastern property boundary - cypress and white pine 30-40' tall. Specimen oak on left.



Area 2 - Typical deciduous forest in the west corner of site. Canopy height 70-100'.



Area 5 - Evergreen screen plantings along northeastern property boundary - cypress and white pine 30-40' tall. Looking toward Ten Oaks Road.



Area 3 - Deciduous hedgerow in swale through the middle of the site - 60-70' tall.

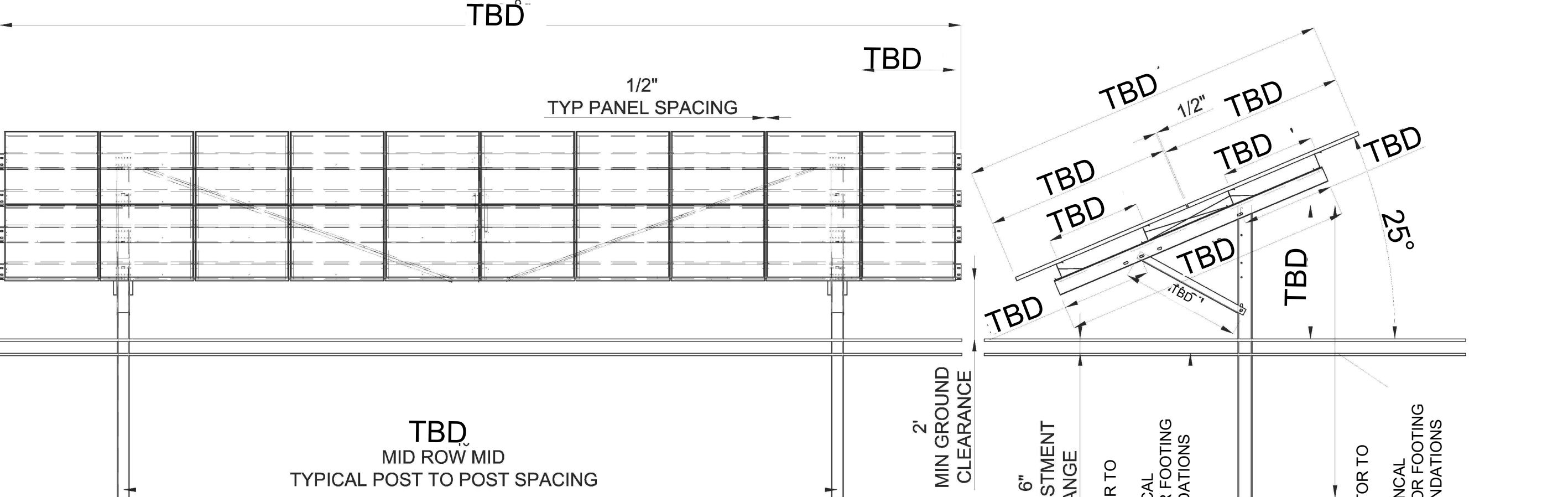


Area 5 - Evergreen screen plantings along northeastern property boundary - cypress and white pine 30-40' tall.

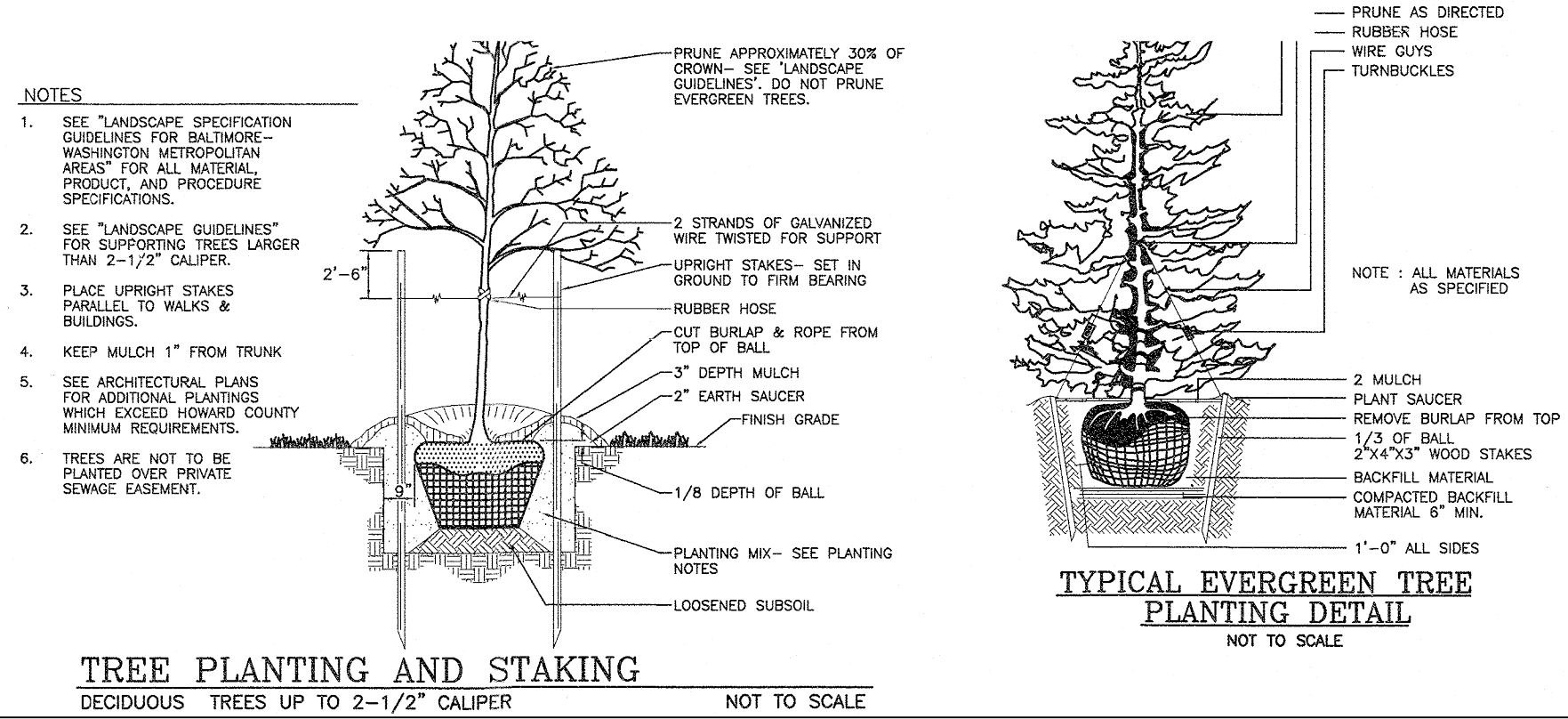
NOTE: IF THE EXISTING BUFFERS ARE CLEARED, IT IS THE DEVELOPERS' RESPONSIBILITY TO REPLANT A LANDSCAPE TYPE 'D' BUFFER WITHIN 6 MONTHS OF CLEARING PER THE PROVIDED AFFIDAVIT SIGNED BY COMMUNITY POWER GROUP.

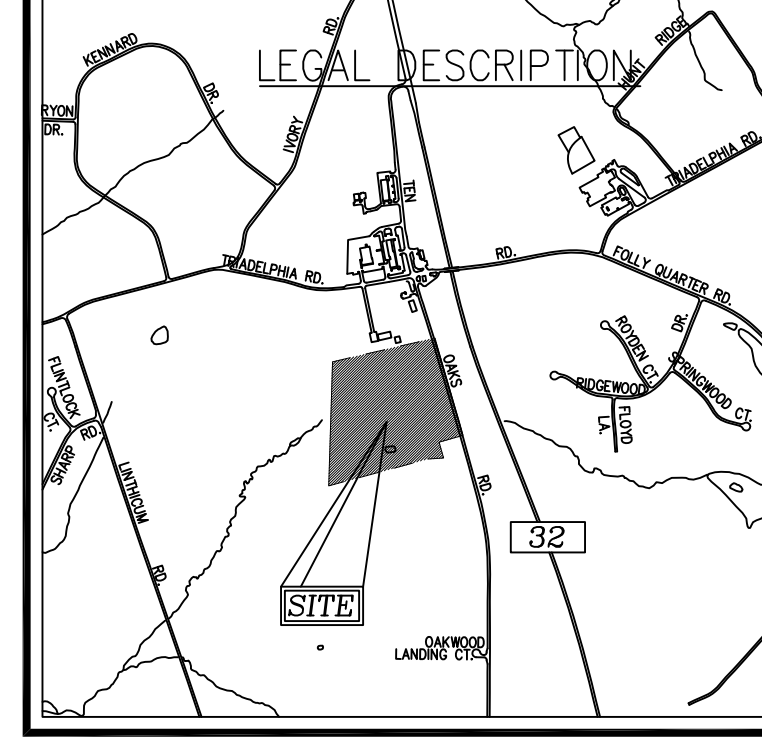
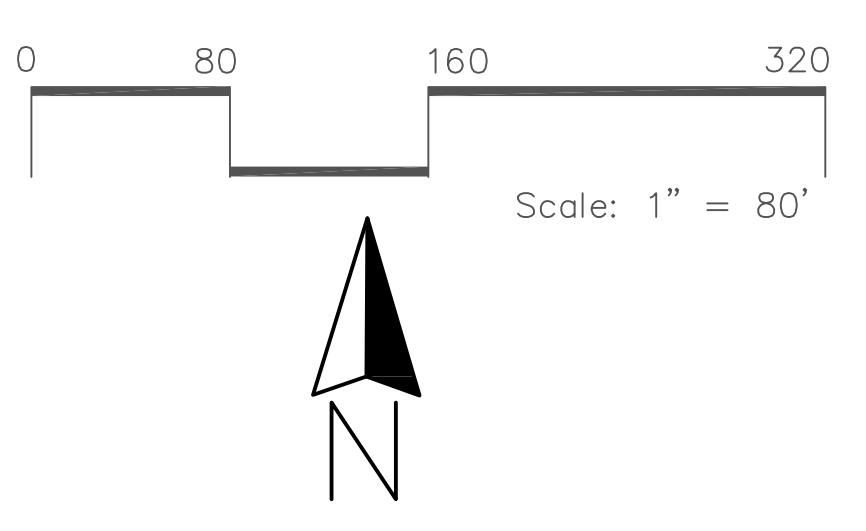
APPROVED: DEPARTMENT OF PLANNING AND ZONING. CHIEF, DEVELOPMENT ENGINEERING DIVISION: CHAD Edmondson, 6/27/2023. CHIEF, DIVISION OF LAND DEVELOPMENT: Lynda Ewing, 6/28/2023. DIRECTOR: [Signature], [Date].

- GENERAL NOTES: 1. ALL WOVEN WIRE FENCE FABRIC SHALL BE CONTINUOUS STAY FIXED KNOT JOINT STYLE FABRIC. 2. DESIGN NO. 1775-3 AND SHALL MEET OR EXCEED ASTM A 116 FOR NO. 12 1/2 GRADE 175. 3. TOP AND BOTTOM LINE WIRES SHALL BE 12 GAGE GRADE 175 AND INTERMEDIATE LINE WIRES SHALL BE 12 1/2 GAGE GRADE 175.



FIXED TILT RACKING DETAIL OR APPROVED EQUIVALENT. RACKING DIMENSIONS ARE TO BE DETERMINED (TBD) BY RACKING MANUFACTURER. CONTRACTOR TO CONFIRM RACKING AND PANEL DIMENSIONS, SPECIFIC TO PRODUCTS. SPACING BETWEEN ROWS OF PANELS MUST CONFORM TO MDE DETAIL INCLUDED ON SHEET C106.





VICINITY MAP
SCALE: 1"=2000'
ADC MAP COORDINATES: PAGE 30 / GRID 1D

LEGEND

- PROPERTY BOUNDARY
- SOIL BOUNDARY LINE
- SPECIMEN TREE (ST#) AND CRITICAL ROOT ZONE
- FORESTRY SAMPLE POINT LOCATION
- STREAM
- WETLAND BOUNDARY
- WETLAND BUFFER
- 100' STREAM BUFFER
- TREELINE
- FOREST STAND LINE
- ≥15% SLOPES
- ≥25% SLOPES
- FOREST RETENTION
- FOREST EASEMENT SIGNAGE

STUDY AREA WETLANDS

WETLAND A1 7,076 sq.ft.
WETLAND A2 2,845 sq.ft.
WETLAND A3 1,336 sq.ft.

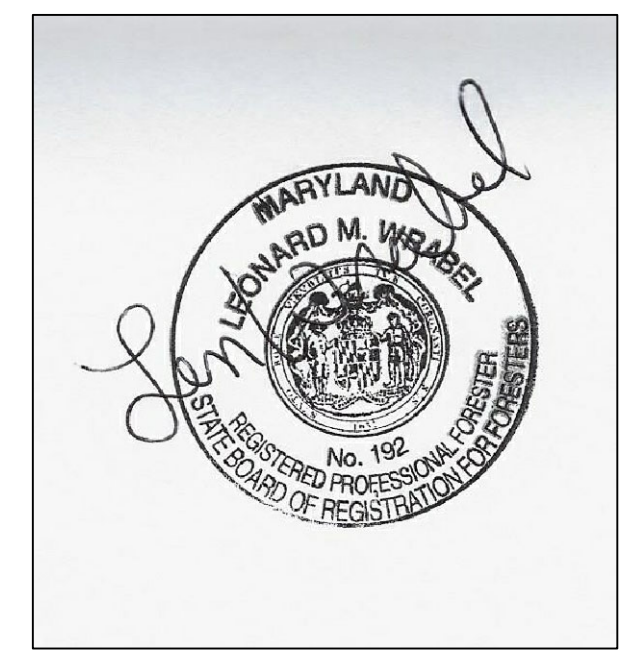
TOTAL 11,256 sq.ft.

STUDY AREA STREAMS

PERENNIAL STREAM ST-1 270 ft.
PERENNIAL STREAM ST-2 253 ft.
PERENNIAL STREAM ST-3 119 ft.

TOTAL 2642 ft.

TOTAL SITE AREA: 33.2-acres
Tax Map: 22, Block 14
Parcel 201
District 05
Account Number: 350239



PATUXENT RIVER WATERSHED
MD-2131106

APPROVED:	HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING	
DocuSigned by:	<i>Lynda Eisenberg</i>	6/28/2023
Director		Date
DocuSigned by:	<i>Charles F. Young</i>	6/28/2023
Chief, Division of Land Development		Date
DocuSigned by:	<i>Charles F. Young</i>	6/27/2023
Chief, Development Engineering Division		Date

STREAM BUFFER ONSITE = 2.55 acres

FEMA FLOOD ZONE NOTE

THE PROPERTY SHOWN HEREON LIES IN ZONE X, AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN AS SHOWN ON FIRM PANEL 1 OF 37, COMMUNITY PANEL NUMBER 240087000IE WITH AN EFFECTIVE DATE OF FEBRUARY 2, 2012, WHICH IS THE CURRENT F.I.R.M. FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED.

SOILS DATA

Symbol	Name/Description	K-Factor	Hydrologic Group	Drainage Class	Hydric Rating
GgA	Glenelg loam, 0-3% slopes	0.24	B	Well Drained	Not Hydric
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GgC	Glenelg loam, 8-15% slopes	0.24	B	Well Drained	Not Hydric
GmB	Glenville silt loam, 3-8% slopes	0.37	C/D	Moderately Well Drained	Not Hydric
GnB	Glenville-Balle silt loam, 0-8% slopes	0.43	C	Moderately Well Drained	Not Hydric
Mac	Manor loam, 8-15% slopes	0.28	B	Well Drained	Not Hydric

STUDY AREA FOREST STANDS

FOREST STAND A - 5.10 acres - MIXED HARDWOODS
Total Forest On-Site - 5.10 acres
Total Site Acreage - 33.21 acres

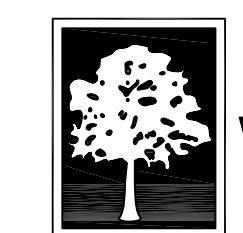
PLANNING & ENGINEERING:



201 Defense Highway
Suite 200
Annapolis, MD 21401
Ph. (443) 274-3232
Fax (443) 274-3233
Contact Person: Charles F. Young
Professional Land Surveyor
cyoung@techgroupinc.net

FOREST CONSERVATION PLAN

GLENELG SOLAR
3950 TEN OAKS ROAD
Howard County, Maryland



WRIGHT
ENVIRONMENTAL
& LAND SERVICES, LLC.

2770 Black Rock Road
Hanover, Pennsylvania, 17331
Phone (717) 698-1937
www.wrightenvironmental.net

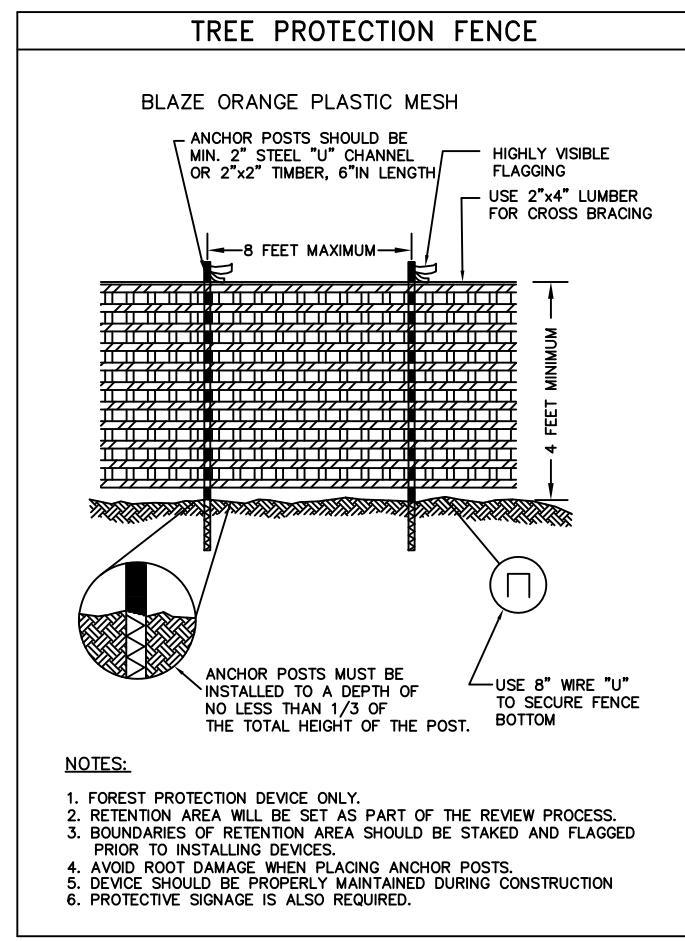
SCALE: 1"=80'

DATE: 6/10/2022

DESIGN: MTW

DRAWN: MTW

SHEET: 9 of 10



FOREST CONSERVATION NOTES:

- NO PLANTING IS PROPOSED ONSITE, THEREFORE NO FINANCIAL SURETY OR GUARANTEE IS REQUIRED. A TOTAL OF 5.1 ACRES OF EXISTING FOREST SHALL BE RETAINED AND PLACED UNDER A FOREST CONSERVATION EASEMENT (EASEMENT A).
- ANY FOREST CONSERVATION EASEMENT (FCE) AREA SHOWN HEREON IS SUBJECT TO PROTECTIVE COVENANTS AS CONTAINED IN THE DEED OF FOREST CONSERVATION EASEMENT RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MD, WHICH RESTRICT THE DISTURBANCE AND USE OF THESE AREAS.
- THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE, FOREST CONSERVATION ACT. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.
- LIMITS OF DISTURBANCE SHALL BE RESTRICTED TO AREAS OUTSIDE THE LIMIT OF TEMPORARY FENCING OR THE FCE BOUNDARY, WHICHEVER IS GREATER.
- THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN THE FOREST CONSERVATION EASEMENT, EXCEPT AS PERMITTED BY HOWARD COUNTY DPZ. NO STOCKPILES, PARKING AREAS, EQUIPMENT CLEANING AREA, ETC. SHALL OCCUR WITHIN THE FOREST CONSERVATION EASEMENT.

- TEMPORARY FENCING SHALL BE USED TO PROTECT FOREST RESOURCES DURING ANY CONSTRUCTION. THE FENCING SHALL BE PLACED ALONG ALL FCE RETENTION BOUNDARIES WHICH OCCUR WITHIN 50 FEET OF THE PROPOSED LIMITS OF DISTURBANCE THAT DOES NOT ALREADY HAVE A SUPER SILT FENCE PROPOSED.
- PERMANENT SIGNAGE SHALL BE PLACED 50'-100' APART ALONG THE BOUNDARIES OF ALL FOREST CONSERVATION EASEMENTS. THIS SIGNAGE SHALL STAY IN PERPETUITY.
- THERE IS NO 100-YEAR FLOODPLAIN LOCATED ON THE PROPERTY.
- THE FOREST CONSERVATION WATERSHED FOR THIS PROJECT IS THE PATUXENT RIVER WATERSHED #021.131106.
- THERE ARE NO RARE, THREATENED OR ENDANGERED SPECIES LOCATED ON THIS SITE. THERE IS A PERENNIAL STREAM ALONG THE EASTERN PROPERTY BOUNDARY. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO HISTORIC STRUCTURES LOCATED ON THIS SITE. THERE ARE SPECIMEN TREES LOCATED ON THIS SITE AS SHOWN ON THE PLAN AND SPECIMEN TREE CHART.

SPECIMEN TREES

#	Size (DBH)	Species	Condition	Comments	Proposed Condition
ST-1	41"	Red Maple (<i>Acer rubrum</i>)	Poor		REMAIN
ST-2	31"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Good	Split	REMAIN
ST-3	30"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Good		REMAIN
ST-4	30.5"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Good		REMAIN
ST-5	33"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Fair		REMAIN
ST-6	30.5"	White Oak (<i>Quercus alba</i>)	Fair		REMAIN
S-7	42.5"	Red Maple (<i>Acer rubrum</i>)	Fair		REMAIN
ST-8	30.5"	White Oak (<i>Quercus alba</i>)	Fair		REMAIN
ST-9	48"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Fair		REMAIN
ST-10	55.5"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Poor	Severe Rot	REMAIN
ST-11	31"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Good		REMAIN
ST-12	31"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Good		REMAIN
ST-13	40.5"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Poor	Split	REMAIN
ST-14	30.5"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Fair		REMAIN
ST-15	33"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Fair		REMAIN
ST-16	30"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Fair		REMAIN
ST-17	31"	Black Oak (<i>Quercus velutina</i>)	Poor	Dieback	REMAIN
ST-18	32"	Red Maple (<i>Acer rubrum</i>)	Poor	Rot/Metal	REMAIN
ST-19	31"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Good		REMAIN
ST-20	43"	White Oak (<i>Quercus alba</i>)	Poor	Split/Inc. Bark	REMAIN
ST-21	30"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Poor	Split/Rot	REMAIN
ST-22	33"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Poor	Split	REMAIN
ST-23	36"	Red Maple (<i>Acer rubrum</i>)	Poor	Dieback/Cavity	REMAIN
ST-24	31"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Fair		REMAIN
ST-25	35.5"	Red Maple (<i>Acer rubrum</i>)	Fair		REMAIN
ST-26	47"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Poor	Dieback/Broken Top	REMAIN
ST-27	53"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Fair		REMAIN
ST-28	33"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Fair		REMAIN
ST-29	34"	Red Maple (<i>Acer rubrum</i>)	Fair		REMAIN
ST-30	34"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Poor		REMAIN
ST-31	34"	Tulip Poplar (<i>Liriodendron tulipifera</i>)	Poor		REMAIN
ST-32	38"	Red Maple (<i>Acer rubrum</i>)	Poor	Form/Cavity	REMAIN
ST-33	54"	White Oak (<i>Quercus alba</i>)	Poor	Dying	REMAIN
ST-34	34"	Pin Oak (<i>Quercus palustris</i>)	Fair		REMAIN
ST-35	30"	Black Gum (<i>Nyssa sylvatica</i>)	Good		REMAIN
ST-36	50"	Sycamore (<i>Platanus occidentalis</i>)	Fair		REMAIN
ST-37	47"	Sycamore (<i>Platanus occidentalis</i>)	Good		REMAIN
ST-38	30.5"	Sawtooth Oak (<i>Quercus acutissima</i>)	Good		REMAIN

FOREST CONSERVATION EASEMENT CHART

EASEMENT	AREA	TYPE
A	5.1 AC.	RETENTION

FOREST CONSERVATION WORKSHEET FOR: Glenelg Solar= 3950 Ten Oaks Road

Net Tract Area

A. Total (Gross) Tract Area	A =	33.2
B. Area within 100-year Floodplain	B =	0.0
C. Other Deductions (Identify: <u>BGE easements, SWM Pond</u>)	C =	1.0
D. Net Tract Area	D =	32.2

Land Use Category
Insert the number "1" under the appropriate land use (limit to only one entry)

Resid. Rural LD	Resid. Rural MD	Resid. Suburban	Inst./Linear	Retail/Ind./Office	Mixed Use/ PUD
0	0	0	0	1	0

Existing Forest Cover

E. Afforestation Threshold (Net Tract Area x 15%)	E =	4.8
F. Reforestation Threshold (Net Tract Area x 15%)	F =	4.8

Existing Forest Cover

G. Existing Forest Cover within the Net Tract Area	G =	5.1
H. Area of Forest above Afforestation Threshold	H =	0.3
I. Area of Forest above Reforestation Threshold	I =	0.3

Break Even Point

J. Break Even Point	J =	4.9
K. Forest Clearing Permitted without Mitigation	K =	0.2

Proposed Forest Clearing

L. Total Area of Forest to be Cleared	L =	0.0
M. Total Area of Forest to be Retained	M =	5.1

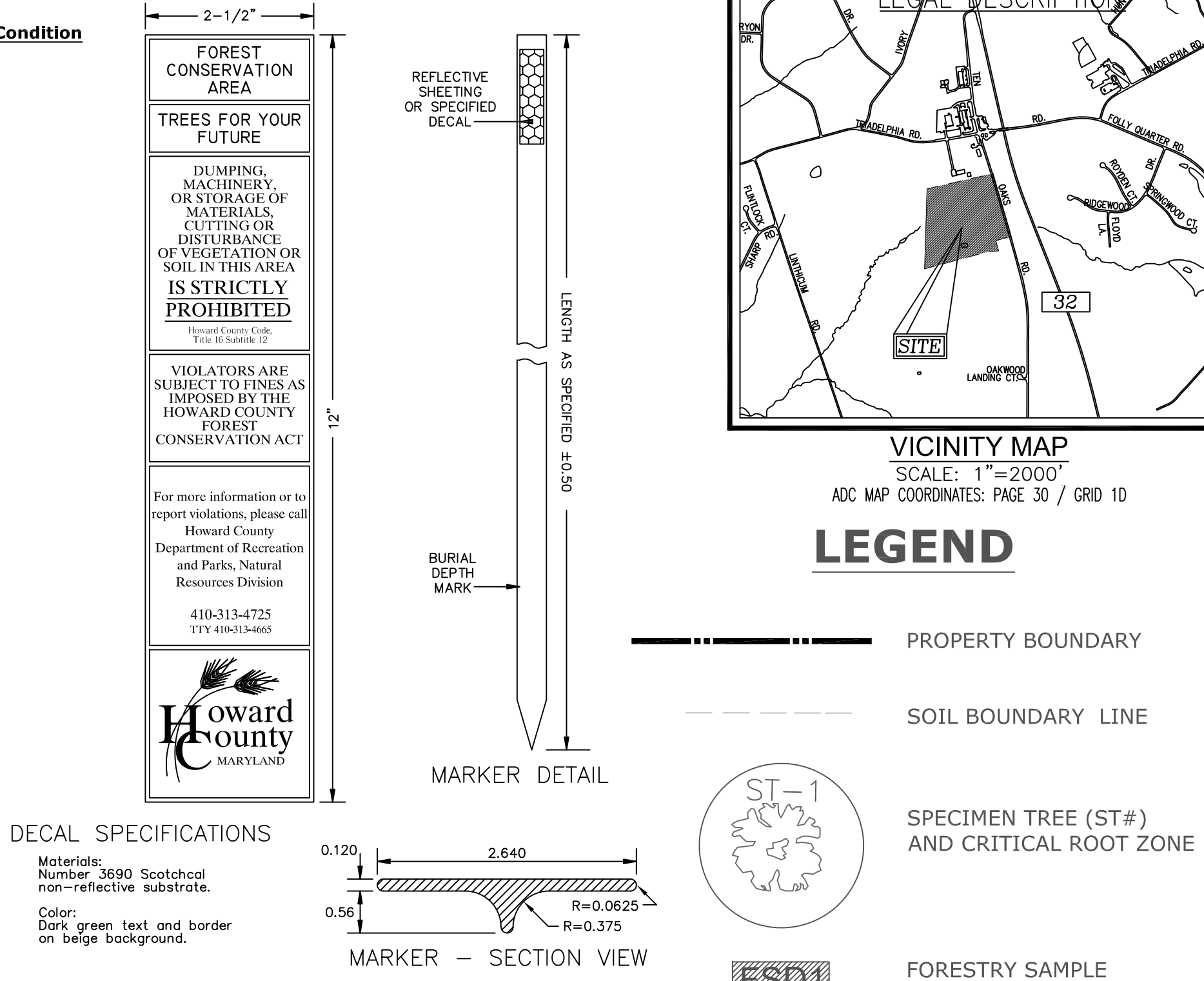
Planting Requirements Inside Watershed

N. Reforestation for Clearing above the Reforestation Threshold	N =	0.0
P. Reforestation for Clearing below the Reforestation Threshold	P =	0.0
Q. Credit for Retention above the Reforestation Threshold	Q =	0.3
R. Total Reforestation Required	R =	0.0
S. Total Afforestation Required	S =	0.0
T. Total Reforestation and Afforestation Requirement	T =	0.0
U. 75% of Total Obligation (Retention + Planting)	U =	3.8
V. Planting Required Onsite to meet 75% Obligation	V =	0.0

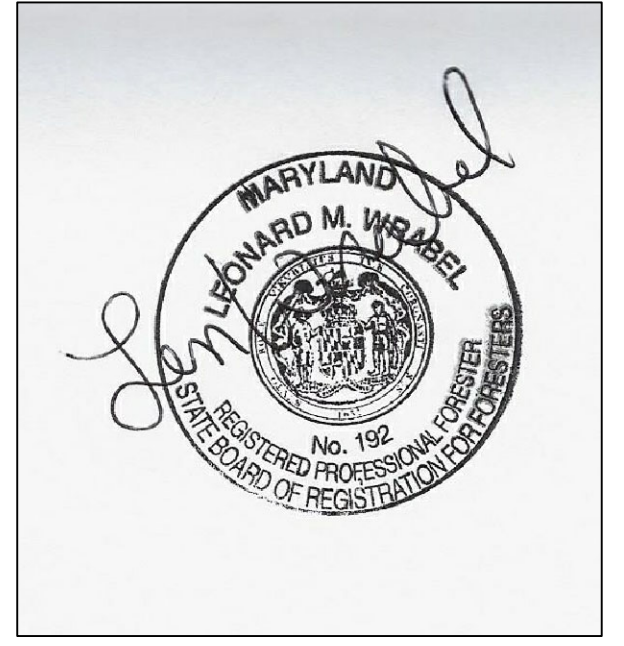
Planting Requirements Outside Watershed

W. Total Planting within Development Site Watershed	W =	0.0
X. Total Afforestation Required	X =	0.0
Y. Remaining Planting within Watershed for Reforestation Credit	Y =	0.0
Z. Reforestation for Clearing above the Reforestation Threshold	Z =	0.0
AA. Reforestation for Clearing below the Reforestation Threshold	AA =	0.0
BB. Credit for Retention above the Reforestation Threshold	BB =	0.0
CC. Total Reforestation Required	CC =	0.0
DD. Total Afforestation and Reforestation Requirement	DD =	0.0

Date: 10-Jun-22



FCE CARSONITE MARKER
NOT TO SCALE



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

DocuSigned by: Lynda Eisenberg 6/28/2023
Director

DocuSigned by: [Signature] 6/28/2023
Chief, Division of Land Development

DocuSigned by: Chris Edmondson 6/27/2023
Chief, Development Engineering Division

FEMA FLOOD ZONE NOTE

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STREAM BUFFER ONSITE = 2.55 acres

PLANNING & ENGINEERING:

LANDTECH CORPORATION
A FALCON COMPANY

201 Defense Highway
Suite 200
Annapolis, MD 21401
Ph. (443) 274-3232
Fax (443) 274-3233
Contact Person: Charles F. Young
Professional Land Surveyor
cyoung@techgroupinc.net

FOREST CONSERVATION PLAN

GLENELG SOLAR
3950 TEN OAKS ROAD
Howard County, Maryland

SCALE:
DATE: 6/10/2022
DESIGN: MTW
DRAWN: MTW
SHEET: 10 of 10

WRIGHT ENVIRONMENTAL & LAND SERVICES, LLC

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Hanover, Pennsylvania, 17331
Phone (717)698-1937
www.wrightenvironmental.net