GENERAL NOTES:

- EXISTING ZONING: I-1, R-40,000, CONSERVATION AND AGRICULTURE TOTAL AREA OF SITE: 68.94 AC.
- TOTAL DEVELOPED AREA: 32.51 AC THE PROPERTY SHOWN HEREON IS OWNED BY GARLAND CC LLC.BY DEED DATED 01/06/2017 RECORDED AMONG THE LAND RECORDS OF CARROLL COUNTY IN LIBER 8608, FOLIO 234 AND MARYLAND LAND HOLDING LLC. BY DEED DATED 9/12/2023, RECORDED AMONG THE LAND RECORDS OF CARROLL COUNTY IN LIBER 11114, FOLIO 238. TAX MAP: 41, BLOCKS: 20 & 21, PARCELS: 67, 259 AND 729.
- THE BOUNDARY SHOWN HERE ON IS BASED ON A FIELD SURVEY BY CLSI COMPLETED ON
- DEVELOPER IS RESPONSIBLE IN ALL REGARDS FOR RELOCATION OF ANY EXISTING
- LOCATION OF THE NEAREST WATER SUPPLY AVAILABLE FOR FIRE PROTECTION
- IS A FIRE HYDRANT LOCATED 2700' NORTH ON SOUTH MAIN STREET (MD RTE. 30) THE LOCATION OF EXISTING UTILITIES SHOWN HEREON ARE APPROXIMATE ONLY CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION, AND DEPTH OF ANY EXISTING UTILITIES AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT1-800-257-7777 THREE (3) WORKING DAYS PRIOR TO BEGINNING ANY WORK IN THE VICINITY OF EXISTING UTILITIES.
- THE CONTRACTOR SHALL NOTE THAT IN CASE OF A DISCREPANCY BETWEEN THE SCALED AND FIGURED DIMENSIONS SHOWN ON THESE PLANS, THE FIGURED DIMENSIONS SHALL GOVERN.
- ANY CHANGES TO THIS PLAN WILL REQUIRE AN AMENDED SITE DEVELOPMENT PLAN TO BE APPROVED BY THE CARROLL COUNTY PLANNING AND ZONING COMMISSION.
- THIS SITE PLAN SHALL BECOME VOID EIGHTEEN MONTHS AFTER THE DATE OF APPROVAL IF NO BUILDING PERMIT OR ZONING CERTIFICATE HAS BEEN ISSUED FOR THIS PROJECT,
- "DESIGN MANUAL-VOLUME1-ROADS AND STORM DRAINS", THE "BOOK OF STANDARDS, HIGHWAY AND INCIDENTAL STRUCTURES", "HIGHWAY DRAINAGE MANUAL" OF THE STATE HIGHWAY ADMINISTRATION, "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED JOINTLY BY WATER RESOURCES ADMINISTRATION, SOIL CONSERVATION SERVICE AND STATE SOIL CONSERVATION COMMITTEE, AND ALL ADDENDA AND ERRATA TO ALL OF THE ABOVE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ENGINEERING OFFICE OF
- IN THE EVENT OF ANY DISCREPANCIES IN THE PLANS OR IN THE RELATIONSHIPS OF FINISHED GRADES TO EXISTING GRADES PRIOR TO THE BEGINNING WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL TRAFFIC ON ANY
- 18. IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NATURALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM SUCH WORK.
- 9. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK AS SHOWN ON THESE DRAWINGS BALTIMORE GAS & ELECTRIC
- CLEARED BY A MINIMUM 0F 2'0" OR TUNNELED IF REQUIRED. CONTRACTOR SHALL BE . CONTRACTOR SHALL NOT INTERRUPT EXISTING UTILITY SERVICES WITHOUT WRITTEN
- 22. ALL SAFETY MEASURES TO BE IMPLEMENTED DURING THE CONSTRUCTION OF THIS PROJECT ARE THE RESPONSIBILITY OF THE CONTRACTOR
- 23. THE HORIZONTAL CONTROL SHOWN HEREON IS BASED ON THE "MARYLAND COORDINATE SYSTEM" (NAD-83-91). THE VERTICAL CONTROL IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- 24. IN FILL AREAS, THE COMPACTION SHALL BE FULL HEIGHT COMPACTION TO THE SPECIFIED ELEVATION. FILL SHALL BE PLACED IN EIGHT (8) INCH (PLUS OR MINUS TWO (2) INCHES), MEASURED LOOSE LIFTS AND EACH LIFT COMPACTED TO NOT LESS THAN NINETY-FIVE PERCENT (95%) OF THE MAXIMUM DRY DENSITY AT PLUS OR MINUS TWO PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY THE MODIFIED PROCTOR TEST (AASHTO T-180) UNLESS SPECIFIED OTHERWISE BY THE GEOTECHNICAL
- ALL CUT/FILL QUANTITIES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY AS REQUIRED BY THE SEDIMENT CONTROL AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL VERIFY SUCH CALCULATIONS TO HIS OWN SATISFACTION FOR BID
- CONTRACT PURPOSES. . THIS FACILITY WILL NOT REQUIRE WATER OR SEWERAGE FACILITIES.
- . THIS DEVELOPMENT IS LOCATED WITHIN A SURFACE WATER PROTECTION AREA. THE SITE IS ALSO PARTIALLY LOCATED WITHIN SURFACE WATER MANAGEMENT ZONE.
- THIS SITE RESIDES WITHIN THE NORTH BRANCH OF THE PATAPSCO RIVER 1 WATERSHED. IDENTIFIED BY MDE AS A 2021 TIER II HIGH QUALITY WATERSHED WITH NO ASSIMILATIVE
- 29. THIS PROJECT IS EXEMPT FROM THE CARROLL COUNTY FOREST CONSERVATION CODE PER SECTION 150.21(B)(5).

SOIL CONSERVATION SERVICE CERTIFICATION REVIEWED FOR CARROLL COUNTY S.C.S. AND MEETS **TECHNICAL REQUIREMENTS**

APPROVED

CARROLL S.C.D. DATE:

SOIL CONSERVATION DISTRICT CERTIFICATION

CARROLL COUNTY BUREAU OF DEVELOPMENT REVIEW FOR THE DEPARTMENT OF PLANNING AND DEVELOPMENT

BENCHMARKS:

B.M.#1: N 698706.5200, E 1354396.5200, ELEV. 823.59 REBAR AND CAP FOUND CLSI TRAVERSE F3

B.M.#2: N 696586.0321, E 1354404.4938, ELEV. 755.12 CLSI TRAVERSE F10 REBAR AND CAP SET

CONCEPT SITE PLAN FOR DOSS GARLAND SOLAR FARM

8TH ELECTION DISTRICT TAX MAP: 41 * BLOCKS: 20 & 21 *

OWNERS

P. 729 P. 67 & 259 MARYLAND LAND HOLDING LLC GARLAND CC LLC C/O ELDEN-LAW P.O. BOX 27 1906 TOWNE CENTRE BLVD. HAMPSTEAD, MD 21074 SUITE 275 (229) 436-8988

ANNAPOLIS, MD 21401

"FOR LOCATION OF UTILITIES CALL 8-1-1 OR 1-800-257-7777 OR LOG ON TO

48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY"

THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND

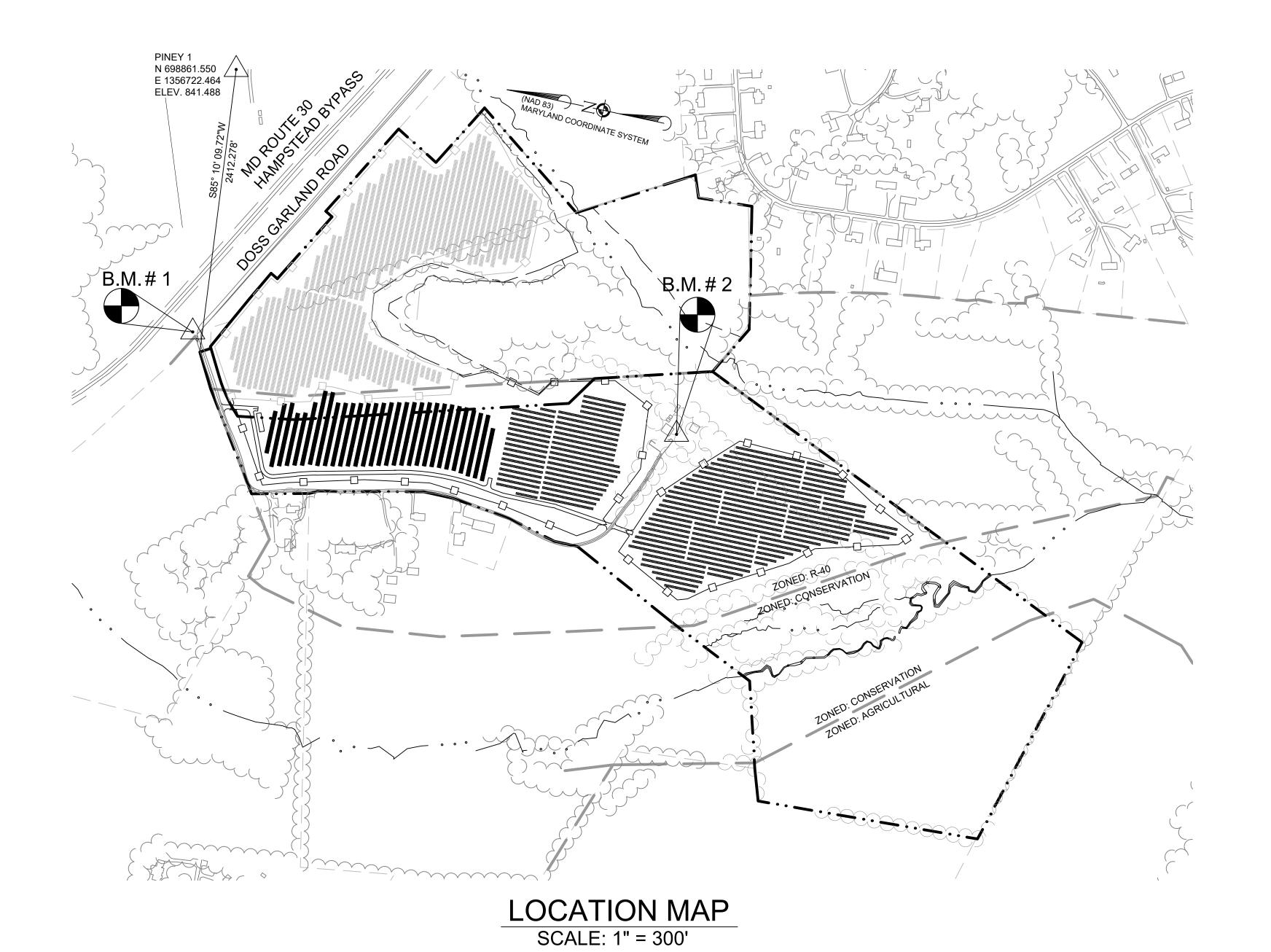
FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES

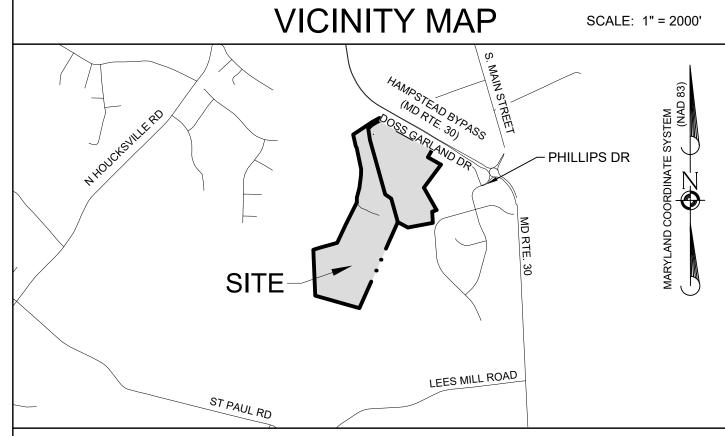
LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION

ALL811.COM OR HTTP://WWW.MISSUTILITY.NET

CARROLL COUNTY, MD. PARCEL: 67, 259 & 729

DEVELOPER DOSS GARLAND SOLAR, LLC. P.O. BOX 3330 **ALBANY**, **GA** 31706 (229) 436-8898





LIST OF DRAWINGS

- 1. TITLE SHEET **EXISTING CONDITIONS MAP**
- OVERALL SEDIMENT CONTROL, GRADING, LANDSCAPE AND LAYOUT PLAN 4. AREA A SEDIMENT CONTROL, GRADING, LANDSCAPE AND LAYOUT PLAN
- AREA B SEDIMENT CONTROL, GRADING, LANDSCAPE AND LAYOUT PLAN
- AREA C SEDIMENT CONTROL, GRADING, LANDSCAPE AND LAYOUT PLAN
- SEDIMENT AND EROSION CONTROL NOTES AND DETAILS 8. STORMWATER MANAGEMENT NOTES AND DETAILS

SITE DEVELOPMENT PLAN INSPECTION SEQUENCE

. CONTRACTOR SHALL NOTIFY THE CARROLL COUNTY BUREAU OF PERMITS AND INSPECTIONS AT 410-386-2674 AT LEAST ONE (1) WORKING DAY PRIOR TO BEGINNING ANY WORK.

- . SITE COMPLIANCE INSPECTIONS ARE REQUIRED AT THE FOLLOWING STAGES DURING CONSTRUCTION:
- B. PROPOSED FOUNDATIONS INSTALLED FOR ALL BUILDINGS SHOWN ON THESE APPROVED PLANS.
- C. SUB-GRADES ESTABLISHED FOR ALL DRIVES, PARKING LOTS, AND SURROUNDING GRADING. D. COMPLETION OF ALL DRIVES, PARKING LOTS, AND SURROUNDING GRADING
- INSPECTIONS AT 410-386-2674 UPON COMPLETION OF EACH PHASE OF CONSTRUCTION. . CONTRACTOR SHALL NOTIFY THE CARROLL COUNTY BUREAU OF RESOURCE MANAGEMENT. ENVIRONMENTAL
- CONSERVATION PLAN DEVICES MUST BE IN PLACE PRIOR TO ANY CONSTRUCTION.
- . FINAL LANDSCAPING INSPECTION SHALL BE ARRANGED THROUGH BUREAU OF RESOURCE BUREAU OF RESOURCE MANAGEMENT, MUST BE OBTAINED FOR ANY DEVIATIONS FROM THE LANDSCAPING
- OR FOREST CONSERVATION PLANS OR MODIFICATIONS IN THE PLANT MATERIAL. THE CONTRACTOR SHALL NOT PROCEED TO THE NEXT PHASE OF CONSTRUCTION UNTIL GIVEN APPROVAL

REVISIONS REVISIONS



439 East Main Street Westminster, MD 21157-5539 (410) 848 -1790 FAX (410) 848 -1791



1 of 11

DOSS GARLAND SOLAR FARM

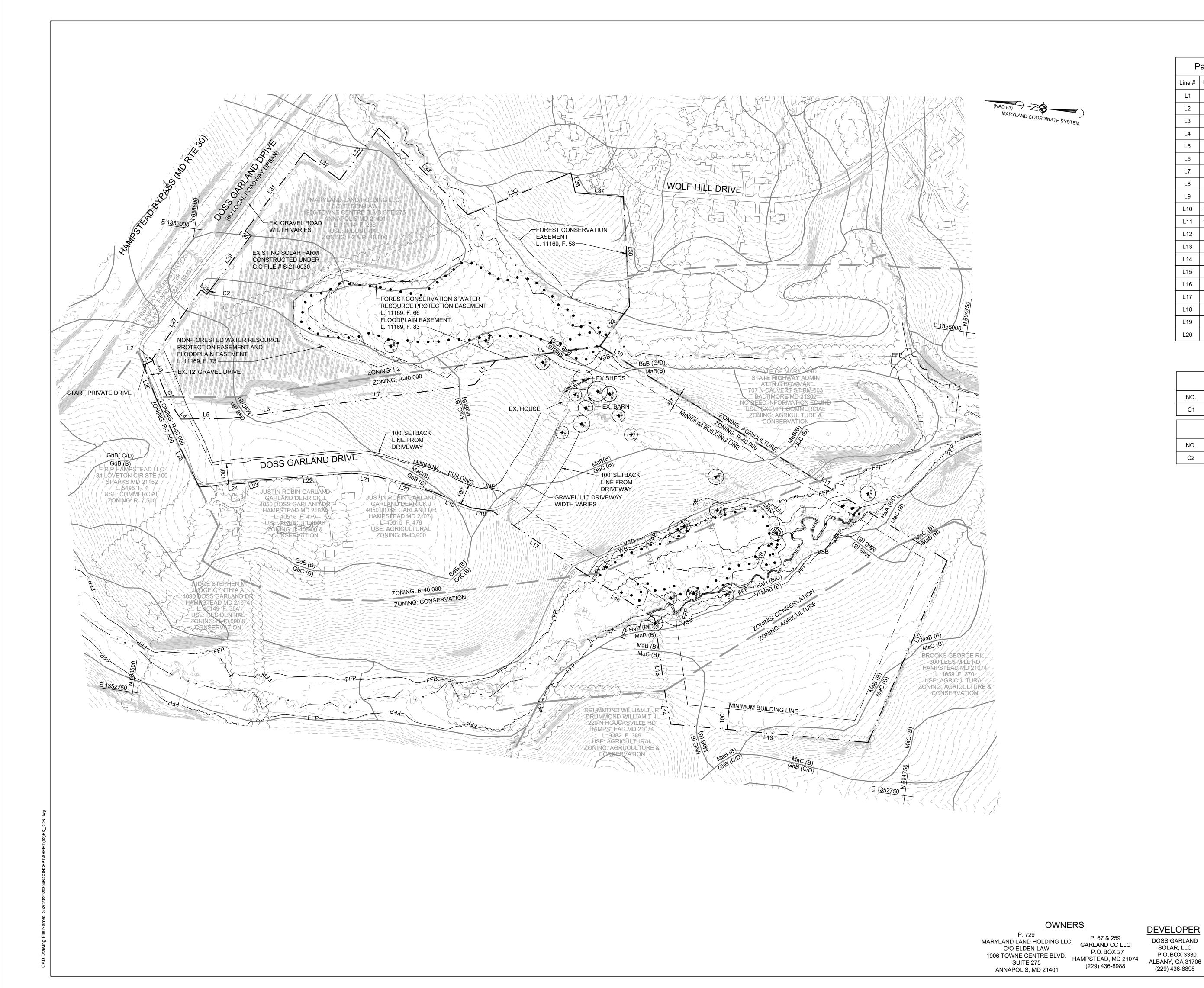
TAX MAP: 41, BLOCKS: 20 & 21, PARCEL: 67, 259 & 729

TITLE SHEET

DATE: SEPT., 2025

CC FILE #: S-25-0022

JOB NO.: 2020304B



Parcel Line Table			
Line #	Length	Direction	
L1	47.22	N30° 09' 39.73"W	
L2	9.11	S79° 57' 49.74"W	
L3	134.04	N61° 31' 28.94"E	
L4	7.79	N44° 56' 58.56"E	
L5	243.30	N8° 39' 26.59"W	
L6	295.81	N15° 33' 01.68"W	
L7	883.26	N15° 33' 01.68"W	
L8	153.49	N56° 12' 21.89"W	
L9	506.74	N15° 33' 01.70"W	
L10	1964.25	N24° 03' 06.33"E	
L11	1964.25	N24° 03' 06.33"E	
L12	955.00	S74° 09' 04.14"E	
L13	954.47	S2° 21' 07.71"E	
L14	140.69	N72° 00' 17.73"E	
L15	375.24	N74° 26' 22.34"E	
L16	417.36	N24° 52' 48.65"E	
L17	519.95	N26° 35' 34.61"E	
L18	101.36	N0° 18' 21.97"E	
L19	204.69	N14° 56' 39.23"E	
L20	266.95	N7° 42' 39.43"E	

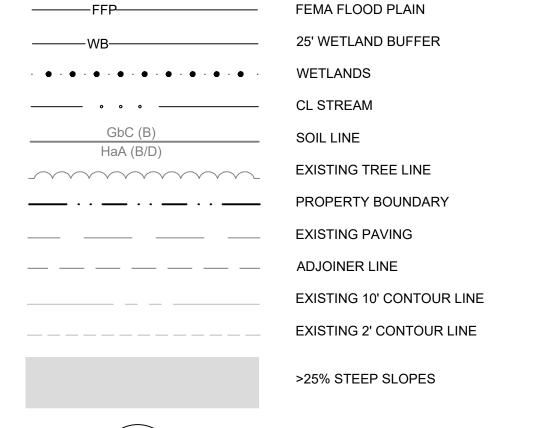
Parcel Line Table				
Line #	Length	Direction		
L21	128.81	N0° 21' 03.77"E		
L22	454.51	N11° 48' 31.88"W		
L23	38.19	N26° 53' 46.32"W		
L24	247.50	N12° 31' 51.44"W		
L25	483.07	S56° 31' 03.99"W		
L26 164.72 S61° 31' 29.04"W				
Parcel Line Table				
	l			

Parcel Line Table					
Line #	Length	Direction			
L27	125.38	S62° 49' 17.17"E			
L28	36.00	S28° 49' 59.71"W			
L29	309.44	S60° 38' 44.17"E			
L30	36.00	N29° 21' 12.83"E			
L32	214.90	S29° 34' 49.83"W			
L33	313.00	S60° 24' 51.17"E			
L35	485.96	S29° 46' 08.56"E			
L36	99.01	S69° 59' 41.15"W			
L37	232.12	S3° 01' 07.47"E			
L38	527.98	N79° 09' 27.76"E			
L39	239.25	S61° 06' 10.67"E			

Parcel Curve Table						
NO. RADIUS ARC DELTA TAN CHORD BEARING DIST.						DIST.
C1	625.00	180.81	16.5756	91.04	N53° 14' 13"W	180.18
Parcel Curve Table						

Parcei Curve Table						
NO.	RADIUS	ARC	DELTA	TAN	CHORD BEARING	DIST
C2	4914.00	44.78	0.5221	22.39	S60° 54' 08"W	44.78

LEGEND



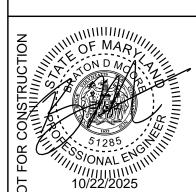


SPECIMEN TREE

EXISTING CONDITIONS MAP

FOR DOSS GARLAND SOLAR FARM

8th ELECTION DISTRICT CARROLL COUNTY, MD
TAX MAP 41, BLOCK 21, PARCEL 259



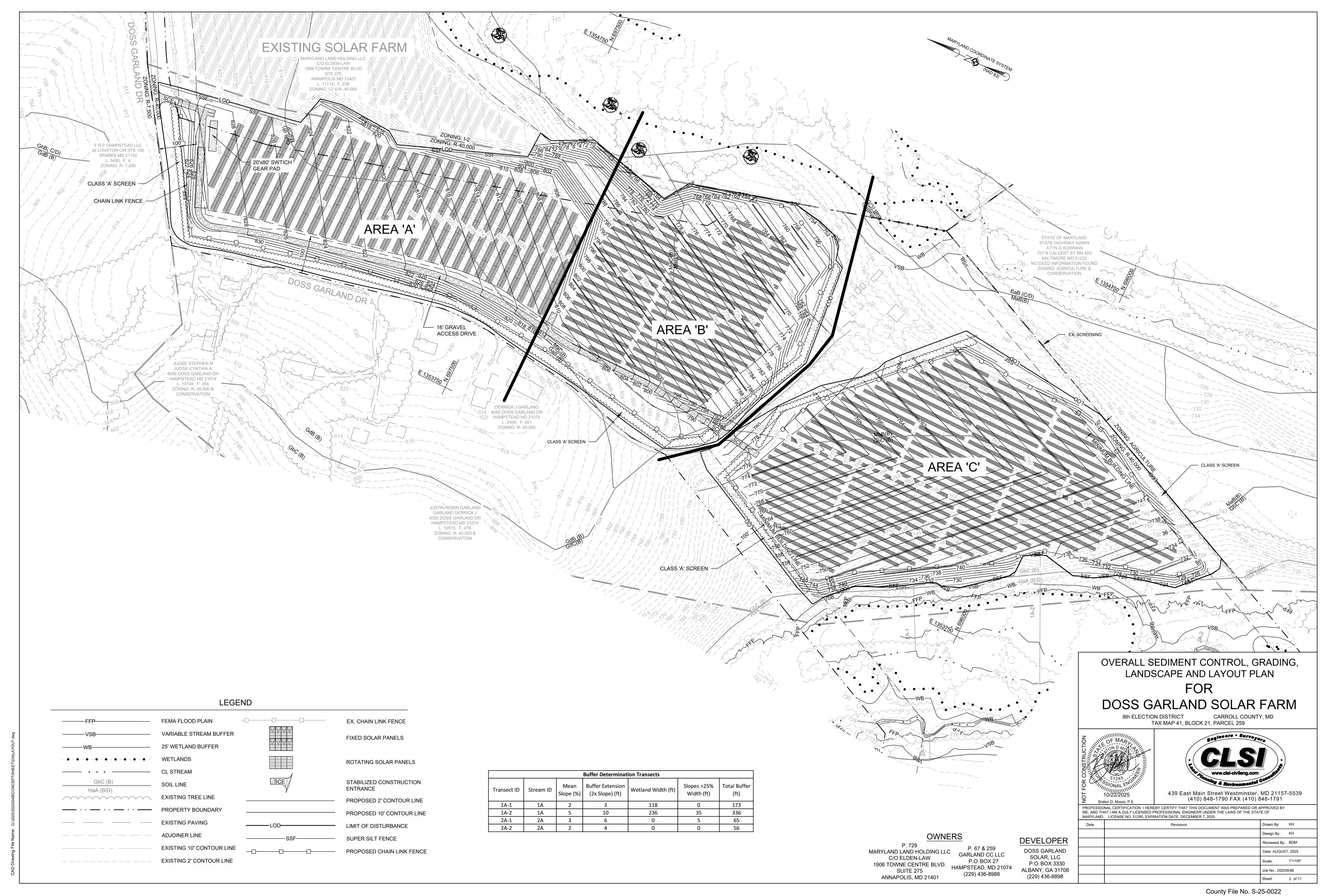


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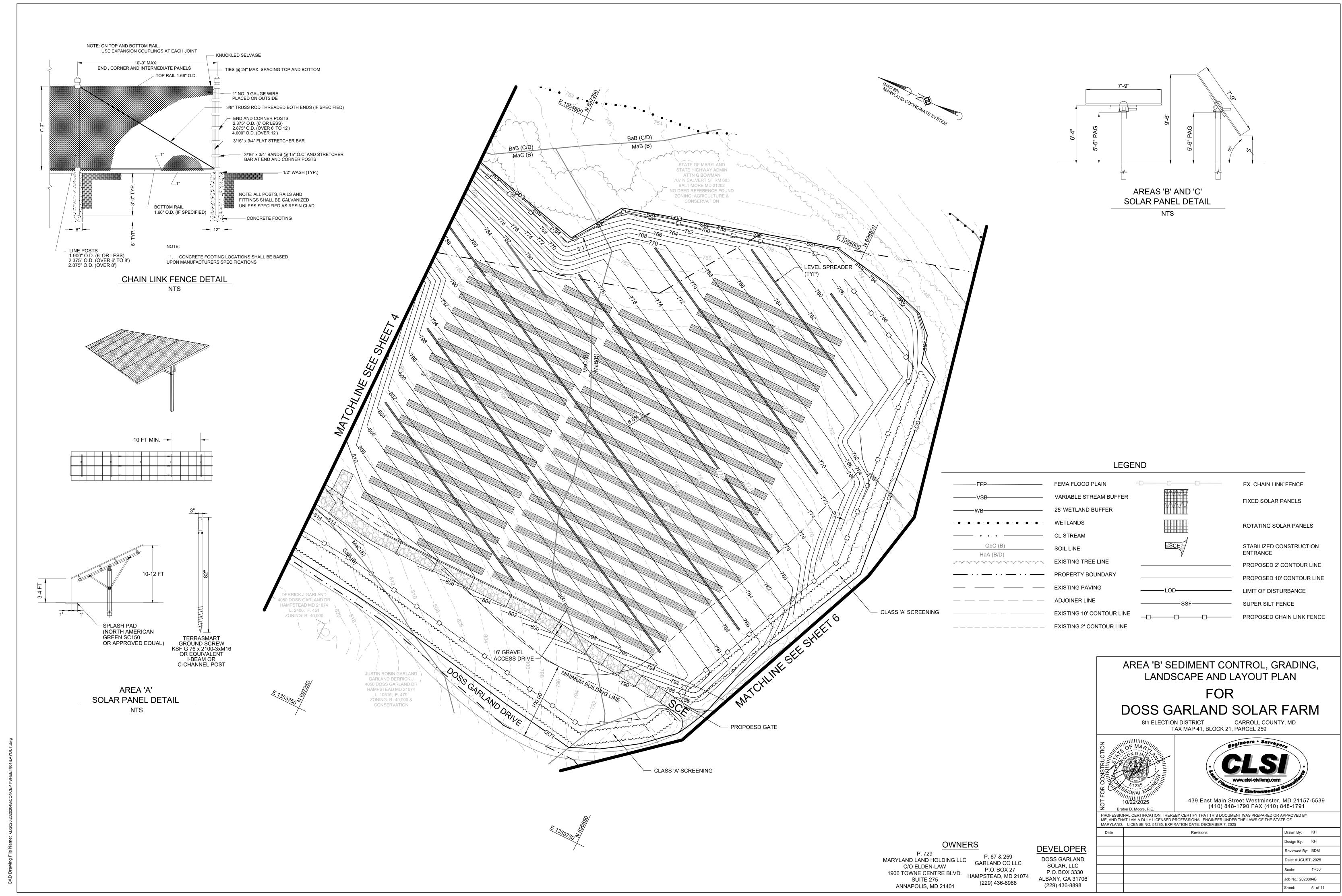
Braton D. Moore, P.E.

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 51285, EXPIRATION DATE: DECEMBER 7, 2025

	· · · · · · · · · · · · · · · · · · ·		
Date	Revisions	Drawn By:	KH
		Design By:	KH
		Reviewed By:	BDM
		Date: AUGUST	Г, 2025
		Scale:	1"=200'
		Job No.: 20203	04B
		Sheet:	2 of 11









SEDIMENT & EROSION CONTROL 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 MARYLAND ASSOCIATION OF SOIL CONSERVATION DISTRICTS (REFERENCED AS THE 2011 STANDARDS AND SPEC'S).
- AREAS THAT HAVE BEEN CLEARED AND/OR GRADED, BUT WILL NOT BE CONSTRUCTED ON OR PERMANENTLY VEGETATED FOR MORE THEN 5 DAYS (3 DAYS FOR SEDIMENT CONTROL MEASURES (STEEP SLOPES) MUST BE STABILIZED WITH MULCH OR TEMPORARY STABILIZATION. ANY AREAS THAT ARE IN TEMPORARY VEGETATION FOR OVER 6 MONTHS WILL NEED TO BE PERMANENTLY VEGETATED. FOR SPECIFICATIONS ON PERMANENT OR TEMPORARY STABILIZATION SEE
- MULCHING CAN ONLY BE USED ON DISTURBED AREAS AS A TEMPORARY COVER WHERE VEGETATION IS NOT FEASIBLE OR WHERE SEEDING GERMINATION CANNOT BE COMPLETED BECAUSE OF WEATHER CONDITIONS. FOR SPECIFICATIONS SEE
- FOR SPECIFICATIONS ON THE STABILIZATION OF CUT AND FILL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL, SEE INCREMENTAL STABILIZATION THE EXISTING TOPSOIL FROM ON OR OFF SITE THAT IS USED MUST MEET THE
- MINIMUM SPECIFICATIONS IN THE REQUIRED SEQUENCE OF CONSTRUCTION MUST BE FOLLOWED DURING SITE DEVELOPMENT. ANY CHANGE IN THE SEQUENCE OF CONSTRUCTION MUST BE
- APPROVED BY THE SOIL CONSERVATION DISTRICT. ANY REVISIONS TO THE SEDIMENT CONTROL PLAN, NOT COVERED UNDER THE LIST OF PLAN MODIFICATIONS THAT CAN BE APPROVED BY THE SEDIMENT CONTROL INSPECTOR, NEED TO BE SUBMITTED TO THE SOIL CONSERVATION DISTRICT FOR
- NO PROPOSED SLOPE THAT IS SEEDED AND/OR MULCHED SHALL BE GREATER THAN 2:1. SLOPES GREATER THAN 2:1 SHALL REQUIRE AN ENGINEERED DESIGN FOR STABILIZATION.
- ALL SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED ONCE A WEEK AND AFTER EACH RAINFALL AND WILL BE REPAIRED, AS NEEDED, SO THAT THE STRUCTURE MEETS THE MINIMUM SPECIFICATIONS AS SHOWN IN THE 2011 STANDARDS AND SPEC'S.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SEDIMENT AND EROSION CONTROL MEASURES UNTIL THE DISTURBED AREAS ARE PERMANENTLY STABILIZED.
- THE DISTRICT APPROVAL FOR THIS SEDIMENT CONTROL PLAN IS GOOD FOR 2 YEARS. AT THE END OF 2 YEARS, IF CONSTRUCTION OF THE PLAN HAS NOT STARTED, THE PLAN WILL NEED TO BE RESUBMITTED TO THE SOIL CONSERVATION DISTRICT FOR REVIEW AND RE-APPROVAL. ANY PLANS THAT ARE CURRENTLY UNDER CONSTRUCTION AFTER 2 YEARS MAY BE REQUIRED TO BE RE-SUBMITTED TO THE SOIL CONSERVATION DISTRICT BY THE SEDIMENT CONTROL INSPECTOR.

DUST CONTROL SCHEDULE

MAY-OCTOBER - ALL GRADED AREAS NOT BEING IMMEDIATELY STABILIZED AS NOTED IN THE "REQUIRED SEQUENCE OF CONSTRUCTION" SHALL BE WATERED ON A CONTINUING BASIS AS NECESSARY TO PROVIDE FOR DUST PROOFING. CONTRACTOR SHALL PROVIDE TANK TRUCK WITH SPRAY BAR ON SITE AT ANY TIME THE DISTURBED AREA EXCEEDS THREE (3) ACRES.

SITE ANALYSIS

TOTAL AREA OF SITE: 68 94 AC

AREA DISTURBED: 1,275,455 S.F

TOTAL CUT: 89,463 C.Y. TOTAL FILL: 137,457 C.Y

NOTE: EARTHWORK CUT AND FILL QUANTITIES ON THIS PLAN ARE SHOWN FOR PURPOSES OF OBTAINING SEDIMENT CONTROL PLAN APPROVAL AND NOT TO BE USED FOR CONTRACTUAL OBLIGATIONS. CONTRACTOR IS RESPONSIBLE TO VERIFY QUANTITIES.

REQUIRED SEQUENCE OF CONSTRUCTION

- 1. NOTIFY THE CARROLL COUNTY BUREAU OF SEDIMENT CONTROL (410-386-2210) 24 HOURS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. ALL PROTECTION FENCING AND PERMANENT SIGNS REQUIRED UNDER THE CARROLL COUNTY CODE OF PUBLIC LAWS AND ORDINANCES, FOREST CONSERVATION (CHAPTER 150) AND WATER RESOURCE MANAGEMENT (CHAPTER 154) SHALL BE INSTALLED PRIOR TO THE PRE-CONSTRUCTION MEETING WITH THE CARROLL COUNTY SEDIMENT INSPECTOR.
- INSTALL TEMPORARY STABILIZED CONSTRUCTION ENTRANCES AND SUPER SILT FENCES PER PLAN.
- GRADE SITE
- STABILIZE THE DISTURBED AREA PER TEMPORARY SEEDING NOTES. INSTALL LEVEL SPREADERS PER DETAILS. NOTE: LEVEL SPREADERS MUST BE INSPECTED BY CERTIFYING PROFESSIONAL ENGINEER OR APPROVED REPRESENTATIVE OF CERTIFYING PROFESSIONAL ENGINEER
- INSTALL SOLAR PANELS WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL MEASURES. FINAL STABILIZE ALL DISTURBED AREAS.

STABILIZATION SPECIFICATIONS

TEMPORARY SEEDING NOTES

SCOPE: PLANTING SHORT TERM (NO MORE THAN 6 MONTHS) VEGETATION TO TEMPORARILY STABILIZE ANY AREAS WHERE SOIL DISTURBANCE HAS OCCURRED, UNTIL THE AREA CAN BE PERMANENTLY STABILIZED WITH VEGETATIVE OR NON-VEGETATIVE

STANDARDS: THE FOLLOWING NOTES SHALL CONFORM TO SECTION B-4 OF THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED JOINTLY BY THE MARYLAND DEPARTMENT OF ENVIRONMENT - WATER MANAGEMENT ADMINISTRATION, THE NATIONAL RESOURCE CONSERVATION SERVICE AND THE MARYLAND ASSOCIATION OF SOIL CONSERVATION DISTRICTS

THE SEED BED SHALL BE PREPARED BY LOOSENING THE SOIL TO A DEPTH OF 3 TO 5 INCHES AND INCORPORATING THE LIME AND FERTILIZER INTO THIS LOOSENED LAYER OF SOIL. SEE SECTION B-4-2

- FOR TEMPORARY STABILIZATION, FERTILIZER SHALL CONSIST OF A MIXTURE OF 10-20-20 AND BE APPLIED AT A RATE OF 436LB. PER ACRE (10 LB. PER 1000 SQ. FT.) AND WILL MEET THE REQUIREMENTS IN SECTION B-4-2. LIME SHALL BE APPLIED AT A RATE OF 2 TONS PER ACRE (90 LB. PER SQ. FT.) AND SHALL MEET THE REQUIREMENTS IN SECTION B-4-2 AND B-4-4.
- 3. SEED TYPE AND APPLICATION SHALL MEET THE REQUIREMENTS IN SECTION B-4-3 SEED TAGS SHALL BE MADE AVAILABLE TO THE INSPECTOR TO VERIFY THE TYPE AND RATE OF SEED USED. MULCH TYPE AND ITS APPLICATION WILL MEET THE REQUIREMENTS IN SECTION B-4-3 A, B AND C AND WILL BE APPLIED ALONG WITH THE SEED OR IMMEDIATELY AFTER SEEDING.
- SEEDING MIXTURES SHALL BE SELECTED FROM OR WILL BE EQUAL TO THOSE ON TABLE B. 1 (PAGE B. 20).

TEMPORARY SEEDING SUMMARY

THE SEEDING CHART BELOW WILL NEED TO BE PLACED ON AND FILLED IN ON THE SEDIMENT CONTROL PLAN.

	HARDINESS ZONE (From SEED MIXTURE (From	FERTILIZER RATE	LIME DATE			
No.	SPECIES	APPLICATIO N RATE (lb/ac)	SEEDING DATES	SEDDING DEPTHS	(10-20-20)	LIME RATE
1	ANNUAL RYEGRASS (LOLLUM PERENNE SSP. MULTIFLORUM	40 lb/ac	3/15 - 5/31 8/1 - 9/30	0.5"		
2	FOXTALL MILLETT SETARIA ITALICA	30 lb/ac	5/16 - 7/31	0.5"	436 lb/ac (10 lb/1000 SF)	2 tons/ac (90 lb/1000 SF)

PERMANENT SEEDING NOTES

SCOPE: PLANTING PERMANENT, LONG LIVED VEGETATIVE COVER ON GRADED AND/OR CLEARED AREAS AND AREAS THAT HAVE BEEN IN TEMPORARY VEGETATIVE FOR MORE THAN 6 MONTHS.

STANDARDS: THE FOLLOWING NOTES SHALL CONFORM TO SECTION B-4 OF THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED JOINTLY BY THE MARYLAND DEPARTMENT OF ENVIRONMENT - WATER MANAGEMENT ADMINISTRATION, THE NATIONAL RESOURCE CONSERVATION SERVICE AND THE MARYLAND ASSOCIATION OF SOIL

THE SEED BED SHALL BE PREPARED BY LOOSENING THE SOIL TO A DEPTH OF 3 TO 5 INCHES AND INCORPORATING THE LIME AND FERTILIZER INTO THIS LOOSENED LAYER OF SOIL. SEE SECTION

FOR SITES OVER 5 AC. SOIL TESTS WILL BE PERFORMED. SOIL TESTS WILL BE CONDUCTED BY THE UNIVERSITY OF MARYLAND OR A RECOGNIZED COMMERCIAL LABORATORY. MINIMUM SOIL CONDITIONS SHALL MEET THE REQUIREMENTS OF SECTION B-4-2-A-2-a, OTHERWISE SOIL AMENDMENTS OR TOPSOIL WILL NEED TO BE APPLIED. TOPSOILING MAY OCCUR WHEN SOIL CONDITIONS MEET THE MINIMUM REQUIREMENTS AS STATED IN SECTION B-4-2-B. SOIL AMENDMENTS MUST MEET THE REQUIREMENTS AS SET FORTH IN SECTION B-4-2-C AND MUST BE APPLIED AS INDICATED BY THE SOIL TESTS.

FOR SITES OF 5 AC. OR LESS OF DISTURBANCE, THE FOLLOWING FERTILIZER AND LIME RATES SHALL APPLY. FERTILIZER SHALL CONSIST OF A MIXTURE OF 10-20-20 AND BE APPLIED AT THE FOLLOWING RATES: N = 45LB. PER ACRE (1 LB. PER 1000 SQ. FT.) P205 = 90 LB. PER ACRE (2 LB. PER 1000 SQ. FT.)

K20 = 90 LB. PER ACRE (2 LB. PER 1000 SQ. FT.) LIME SHALL BE APPLIED AT A RATE OF 2 TONS PER ACRE (90 LB. PER 1000 SQ. FT.)

SEED TYPE TUREGRASS OR SOD APPLICATION SHALL MEET THE REQUIREMENTS IN SECTION 8-4-5. SEED TAGS SHALL BE MADE AVAILABLE TO THE INSPECTOR TO VERIFY THE TYPE AND APPLICATION RATE OF SEED USED. MULCH TYPE AND ITS APPLICATION WILL MEET THE REQUIREMENTS IN SECTION B-4-3 A, B AND C, AND WILL BE APPLIED ALONG WITH SEED OR IMMEDIATELY AFTER

SEEDING MIXTURES SHALL BE SELECTED FROM OR WILL BE EQUAL TO THOSE ON TABLE B-3. THE SEEDING CHART BELOW WILL NEED TO BE PLACED ON AND FILLED IN ON THE SEDIMENT CONTROL PLAN.

HARDINESS ZONE (From Figure B.3): <u>6B</u> SEED MIXTURE (From Table B. 1)						
No.	SPECIES APPLICATIOIN SEEDING SEEDING DEPTHS					
*9	IMPROVED TALL FESCUE LOLLUM ARUNDINACEUM	60 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 -1/2 in		
	IMPROVED KENTUCKY BLUEGRASS	40 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 -1/2 in		
	IMPROVED PERENIAL RYEGRASS	20 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 -1/2 in		
*1	SWITCH GRASS (PANICUM VIRGATUM)	10 lb/ac	3/1 - 5/15 5/16 - 6/15	1/4 -1/2 in		
	CREEPING RED FESCUE (FESTUCA RUBRA)	15 lb/ac	3/1 - 5/15 5/16 - 6/15	1/4 -1/2 in		
	PARTRIDGE PEA (CHAMAECRISTA FASCICUATA)	4 lb/ac	3/1 - 5/15 5/16 - 6/15	1/4 -1/2 in		

	LIME RATE		
N			
45 POUNDS PER ACRE (1.0 lb / 1000 SF)	90 lb/ac (2.0 lb/1000 SF)	90 lb/ac (2.0 lb/1000 SF)	2 tons/ac (90 lb / 1000 SF)
45 POUNDS PER ACRE (1.0 lb / 1000 SF)	90 lb/ac (2.0 lb/1000 SF)	90 lb/ac (2.0 lb/1000 SF)	2 tons/ac (90 lb / 1000 SF)

*9 - USE 1 VARIETY ON THE MD/VA RECOMMENDED LIST (TT-77) *1 - USE 2-4 VARIETIES ON THE MD/VA RECOMMENDED LIST (TT-77)

ON AREAS WHERE THE SLOPE IS 3:1 OR STEEPER AND THE HEIGHT IS 8' OR GREATER, CONTRACTOR SHALL TRACK THE SLOPE USING CLEATED DOZER PRIOR TO PLACING ASPHALT BINDER. DOZER SHALL RUN UP-AND-DOWN SO THAT CLEAT MARKS ARE HORIZONTAL. WHERE TRACKING IS REQUIRED, ITS SHALL BE DONE FROM EXISTING GRADE LEVEL TO FINISHED GRADE LEVEL WITHIN THE LIMITS ESTABLISHED BY THE 8' HEIGHT CRITERIA.

- PLACE ALL EXCAVATED MATERIAL ON THE HIGH SIDE OF THE TRENCH. 2. ONLY DO AS MUCH WORK AS CAN BE DONE IN ONE DAY SO BACKFILLING, FINAL GRADING, AND PERMANENT
- STABILIZATION CAN OCCUR. 3. ANY SEDIMENT CONTROL MEASURES DISTURBED BY THE UTILITY CONSTRUCTIONWILL BE REPAIRED THE SAME DAY.

STOCKPILING WILL NOT BE ALLOWED ON ANY IMPERVIOUS AREA.

- ALL STOCKPILES LEFT AT THE END OF THE DAY WILL NEED TO BE TEMPORARILY STABILIZED UNTIL THEY ARE AGAIN DISTURBED. UNLESS THEY ARE WITHIN EXISTING PERIMETER SEDIMENT CONTROLS.
- 3. ALL STOCKPILE AREAS SHALL BE CONFINED WITHIN PERIMETER CONTROLS. IN THE EVENT THAT STOCKPILE AREAS MUST BE LOCATED OUTSIDE DISTURBED AREAS, THE LOCATION SHALL BE AS DIRECTED BY THE INSPECTOR IN THE FIELD

STANDARD SYMBOL DETAIL B-1 STABILIZED CONSTRUCTION SCE **ENTRANCE** MOUNTABLE BERM EXISTING PAVEMENT EXISTING GROUND -NONWOVEN -MIN. 6 IN OF 2 TO 3 IN **GEOTEXTILE** AGGREGATE OVER LENGTH -PIPE (SEE NOTE 6) AND WIDTH OF ENTRANCE <u>PROFILE</u> 50 FT MIN. LENGTH : EXISTINGPAVEMENT PLAN VIEW

CONSTRUCTION SPECIFICATIONS

U.S. DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

- PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (*30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- 2. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE, PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
- PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
- 4. PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
- 5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

WATER MANAGEMENT ADMINISTRATION

10 FT MAX. -34 IN MIN. 2% IN DIAMETER GALVANIZED CHAIN LINK FENCE WITH GAI VANI7F WOVEN SLIT FILM GEOTEXTILE ALUMINUM POSTS **ELEVATION** CHAIN LINK FENCING — WOVEN SLIT FILM GEOTEXTILE-CHAIN LINK FENCE 8 IN MIN. INTO GROUND

DETAIL E-3 SUPER SILT FENCE

STANDARD SYMBOL

H-SSF-----

CONSTRUCTION SPECIFICATIONS

OF THE SUPER SILT FENCE.

NATURAL RESOURCES CONSERVATION SERVICE

- INSTALL 23/6 INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES
- FASTEN 9 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (23/4 INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS.

CROSS SECTION

- FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND.
- WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS.
- EXTEND BOTH ENDS OF THE SUPER 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
- PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
- REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL MARYLAND DEPARTMENT OF ENVIRONMENT MARYLAND DEPARTMENT OF ENVIRONMENT U.S. DEPARTMENT OF AGRICULTURE

P. 729 P. 67 & 259 MARYLAND LAND HOLDING LLC GARLAND CC LLC C/O ELDEN-LAW

P.O. BOX 27 1906 TOWNE CENTRE BLVD. HAMPSTEAD, MD 21074 SUITE 275 (229) 436-8988 ANNAPOLIS, MD 21401

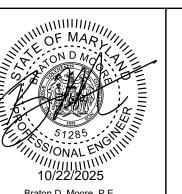
DEVELOPER DOSS GARLAND SOLAR, LLC P.O. BOX 3330 **ALBANY, GA 31706** (229) 436-8898

WATER MANAGEMENT ADMINISTRATION

SEDIMENT CONTROL NOTES AND DETAILS

FOR DOSS GARLAND SOLAR FARM

8th ELECTION DISTRICT CARROLL COUNTY, MD TAX MAP 41, BLOCK 21, PARCEL 259





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PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 51285 EXPIRATION DATE DECEMBER 7, 2025

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