

MOUNT JOY TOWNSHIP
AGRICULTURAL CONSERVATION (AC) ZONING DISTRICT SETBACK REQUIREMENTS

MIN. LOT AREA	MIN. LOT WIDTH		MIN. FRONT YARD SETBACK		MIN. REAR YARD SETBACK		MIN. SIDE YARD SETBACK		MAX. HEIGHT OF SOLAR ARRAY		LOT COVERAGE	
	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
3 ACRES (130,680 SF.)	250'	250' MIN.	30'	30' MIN.	25'	25' MIN.	10'	10' MIN.	35'	12' MAX.	35%	88 ACRES +/-
												TOTAL PARCEL AREA: 528.623 ACRES +/-
												LOT COVERAGE: 16.65%

- NOTES:**
- DIMENSIONAL REQUIREMENTS SHOWN ABOVE ARE PER CHAPTER 110, ZONING SECTION 110-302.
 - 50' RESIDENTIAL ZONING DISTRICT SETBACK (PER CHAPTER 110, ZONING SECTION 110-402.II(4)):
THE SOLAR ENERGY SYSTEM SHALL BE NO CLOSER THAN 50' FROM THE LOT LINE OF AN ADJACENT LOT IMPROVED WITH A DWELLING OR AN UNIMPROVED LOT IN A RESIDENTIAL ZONING DISTRICT; PROVIDED THAT THE SETBACK SHALL NOT APPLY TO A SHARED PROPERTY LINE OF PROPERTIES HOSTING A SINGLE SOLAR ENERGY SYSTEM.
 - 25' RESIDENTIAL ZONING DISTRICT & PUBLIC RIGHT-OF-WAY PLANTED BUFFER (PER CHAPTER 110, ZONING SECTION 110-402.II(8)):
A BUFFER NO LESS THAN 25' IN DEPTH SHALL BE REQUIRED ALONG (i) ANY PUBLIC ROAD FRONTAGE AND (ii) ANY LOT LINE ADJACENT TO A LOT IMPROVED WITH A DWELLING OR A UNIMPROVED LOT IN A RESIDENTIAL ZONING DISTRICT, PROVIDED THAT THE BUFFER ALONG A LOT LINE SHALL NOT APPLY TO LOTS HOSTING A SINGLE SOLAR ENERGY SYSTEM. WHERE THE SITING OF THE SOLAR ENERGY SYSTEM REQUIRES THE BUFFER TO BE SITED IN THE IMMEDIATE PROXIMITY OF A PUBLIC ROAD, THE REQUIRED BUFFER SHALL BE MEASURED FROM THE EXISTING RIGHT-OF-WAY OR FROM THE MINIMUM FUTURE RIGHT-OF-WAY, WHICHEVER IS LARGER.
 - PROPOSED LOT COVERAGE INCLUDES THE AREA OF ALL SOLAR PANELS, EQUIPMENT PADS, & GRAVEL ACCESS ROADS.
 - THE MINIMUM RIGHT-OF-WAY (ROW) WIDTH IS 25' FROM THE ROAD CENTERLINE. SETBACKS ARE SHOWN FROM EITHER THE PROPERTY LINE, OR THE ROW LINE, WHICHEVER IS MORE RESTRICTIVE. AS SHOWN HEREIN, THE SIDE & REAR YARD SETBACKS ARE SHOWN FROM THE PROPERTY LINES & THE FRONT YARD SETBACKS ARE SHOWN FROM THE ROW LINE.

BOUNDARY & TOPOGRAPHIC SURVEY NOTES:

- SURVEY INFORMATION PROVIDED FROM THE "BROOKVIEW SOLAR I, LLC, - SOLAR PROJECT, BOUNDARY AND TOPOGRAPHIC PLAN, AGRICULTURAL CONSERVATION ZONING DISTRICT, MT. JOY TOWNSHIP, ADAMS COUNTY, PENNSYLVANIA", PREPARED BY THE TRC COMPANIES, INC., LAST REVISED 11-11-2021. PERIMETER INFORMATION AND TOPOGRAPHIC INFORMATION IS BASED UPON A FIELD SURVEY PERFORMED BY TRC COMPANIES, INC BETWEEN AUGUST 2021 AND DECEMBER 2021.
- ELEVATIONAL DATA IS BASED UPON NAVD 88 (GEOID 18). HORIZONTAL DATUM IS BASED ON NAD 83 PA SOUTH ZONE (2011).
- THIS PLAT WAS PREPARED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR ABSTRACT OF TITLE, NOT ALL EASEMENTS VISIBLE, APPARENT, OR OF RECORDS ARE SHOWN.
- THE PROFESSIONAL SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
- ALL IMPROVEMENTS SHOWN HEREON ARE EXISTING.
- STREAM AND WETLAND RESOURCES DEPICTED HEREIN ARE BASED ON THE "WETLAND DELINEATION AND STREAM IDENTIFICATION REPORT FOR THE BROOKVIEW SOLAR SITE", DATED JUNE 2020, COMPLETED BY SWCA ENVIRONMENTAL CONSULTANTS, 80 EMERSON LANE, SUITE 1306, BRIDGEPORT, PENNSYLVANIA 15017, (412)839-1001, WWW.SWCA.COM

PLAN PURPOSE STATEMENT:

- THE PURPOSE OF THIS PLAN IS TO DEPICT THE INSTALLATION OF A SOLAR GENERATION FACILITY. THE TOTAL AREA OF THE PARENT PARCELS ASSOCIATED WITH THE DEVELOPMENT IS 684.17 ACRES. THE TOTAL AREA DEDICATED TO DEVELOPMENT OF THE FACILITY IS APPROXIMATELY 263 ACRES (LIMITS OF DISTURBANCE, LOD).

CONSTRUCTION NOTES:

- CONTRACTOR SHALL CALL THE PA ONE CALL SYSTEM, INC., AT 1-800-242-1776 AT LEAST 72 HOURS (SATURDAYS, SUNDAYS, AND HOLIDAYS EXCLUDED) PRIOR TO EXCAVATING AT ANY LOCATION.
- A COPY OF THE PA ONE CALL SYSTEM, INC. PROJECT REFERENCE NUMBER(S) SHALL BE GIVEN TO THE OWNER'S REPRESENTATIVE PRIOR TO EXCAVATION. LOCATIONS OF EXISTING PIPES, CONDUITS, UTILITIES AND OTHER UNDERGROUND OBJECTS ARE NOT WARRANTED TO BE CORRECT AND THE CONTRACTOR SHALL HAVE NO CLAIM ON THAT ACCOUNT SHOULD THEY BE OTHER THAN SHOWN.
- UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. CONTRACTOR SHALL NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, OR EXCAVATE WITHOUT APPROPRIATE PERMITS.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING STREET OCCUPANCY; STREET OPENINGS; AND TRENCH PERMITS FROM THE LOCAL DPW/HIGHWAY DEPT. BEFORE CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY: CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- CONTRACTOR SHALL ENSURE THE MAINTENANCE OF SAFETY AND TRAFFIC FLOW ON THE PUBLIC AND PRIVATE WAYS AFFECTED BY THE CONSTRUCTION OF THIS PROJECT. THE CONSTRUCTION SITE MUST BE ACCESSIBLE TO EMERGENCY VEHICLES AT ALL TIMES.
- CONTRACTOR SHALL CAREFULLY COORDINATE ALL WORK WITH THAT OF THEIR SUBCONTRACTOR, THE OWNER'S REPRESENTATIVE, OTHER CONTRACTORS WORKING WITHIN THE PROJECT LIMITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING THE LIMITS OF WORK IN THE FIELD BASED ON THE SITE PLAN AND ANY EXISTING CONDITIONS SURVEY INFORMATION THAT MAY BE PROVIDED BY THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING THE LINE AND GRADE OF ALL EARTHWORK INCLUDING SITE GRADING AND ACCESS ROADS. ALL SURVEY WORK SHALL BE PERFORMED UNDER THE SUPERVISION OF A PENNSYLVANIA-LICENSED PROFESSIONAL LAND SURVEYOR.
- CONTRACTOR WILL PROVIDE A SMOOTH, FLUSH TRANSITION BETWEEN NEW AND EXISTING PAVEMENTS.
- TRAFFIC SIGNAGE SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL PAVEMENT MARKINGS CHANGED, ALTERED OR REMOVED SHALL BE RE-APPLIED.
- IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY CONTRACTOR'S OPERATIONS, TO INCLUDE DELIVERIES AND CONSTRUCTION LOAD DAMAGE, SHALL BE RESTORED BY CONTRACTOR TO THEIR ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.
- AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH CRUSHED STONE SHALL RECEIVE LOAM AND SEED AS NEEDED.
- CONTRACTOR SHALL NOT PERFORM ANY WORK ON PROPERTIES ADJACENT TO THE SITE AND SHALL USE BEST EFFORTS TO MINIMIZE DISRUPTION TO THOSE ADJACENT PROPERTIES (INCLUDING SEDIMENT CONTROL, DUST CONTROL, TRAFFIC CONTROL, TRASH CONTROL, AND NOISE CONTROL). CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF ADJACENT PROPERTIES ARE AFFECTED.
- CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO DRAINAGE SYSTEM: OFF SITE AREAS; AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER AND ADAMS COUNTY. THE PROPOSED WORK SHALL NOT ALTER EXISTING DRAINAGE PATTERNS. SEE POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM).
- FOUNDATIONS AND OTHER UNDERGROUND OBJECTS ARE NOT WARRANTED TO BE CORRECT. CONTRACTOR SHALL HAVE NO CLAIM ON THAT ACCOUNT SHOULD THEY BE OTHER THAN SHOWN ON THESE PLANS.
- TEST PITS TO LOCATE EXISTING UTILITIES MAY BE ORDERED BY OWNER'S REPRESENTATIVE.
- STONE WALLS, FENCES, MAIL BOXES, SIGNS, CURBS, LIGHT POLES, ETC. SHALL BE REMOVED AND REPLACED AS NECESSARY TO PERFORM THE WORK. UNLESS OTHERWISE INDICATED, ALL SUCH WORK SHALL BE INCIDENTAL TO CONSTRUCTION OF THE PROJECT.
- ALL PAVEMENT DISTURBED BY CONTRACTOR'S OPERATIONS SHALL BE REPLACED TO MATCH EXISTING.
- CONTRACTOR SHALL COMPLETE ALL STAKEOUT, SURVEYS, ETC. REQUIRED FOR CONSTRUCTION OF THE PROJECT AS SHOWN AND AS SPECIFIED.
- INLET PROTECTION SHALL BE PROVIDED ON ALL CATCH BASINS FOR THE DURATION OF THE PROJECT.
- ANY CHANGES TO THE PLAN SHALL BE SUBMITTED BY CONTRACTOR FOR REVIEW AND APPROVAL BY THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL PERFORM CONTINUOUS MONITORING AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS THROUGHOUT THE CONSTRUCTION PERIOD AND IN ACCORDANCE WITH THE PERMITS.

SITE DEMOLITION/REMOVAL NOTES:

- UTILITIES REQUIRING INTERRUPTION, CAPPING OR REMOVAL - EXISTING SEWER, WATER AND ELECTRIC UTILITY LINES, AS WELL AS STRUCTURES WITHIN THE CONTRACT AREA SHALL REMAIN AND BE PROTECTED FROM DAMAGE FROM CONSTRUCTION ACTIVITY, UNLESS REMOVAL OF SAME IS SPECIFICALLY NOTED.
- ADDITIONAL UTILITIES MAY EXIST WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL USE CAUTION WHILE WORKING NEAR THESE UTILITIES TO AVOID DAMAGE TO THEM DURING CONSTRUCTION. ANY DAMAGE TO THESE UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR EXPENSE AND TO THE SATISFACTION OF THE UTILITY OWNER.
- CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR RESOLUTION OF ANY ABANDONED PIPES AND/OR UTILITIES WHICH ARE NOT NOTED ON THE SURVEY BUT ARE ENCOUNTERED DURING EXCAVATION.
- CONTRACTOR SHALL REPLACE ANY EXISTING CURBS OR PAVEMENTS THAT WERE INTENDED TO REMAIN BUT ARE DAMAGED OR DISTURBED DURING CONSTRUCTION. IF REPLACEMENT IS NECESSARY, IT SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL REMOVE, EXCAVATE, AND DISPOSE OF ALL MATERIALS ACCORDING TO THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES PRIOR TO COMMENCING WORK.

SITE LIGHTING NOTE:

- ALL ON-SITE LIGHTING SHALL BE MINIMIZED & DESIGNED TO PREVENT LIGHT INTRUSION INTO THE ADJOINING/NEIGHBORING PROPERTIES WITH THE USE OF SHIELDS & THE LAMP HEADS BEING DIRECTED DOWNWARDS. MOTION-CONTROLLED LIGHTS WILL BE INSTALLED AT THE ON-SITE PROJECT ELECTRICAL SUBSTATION CONTROLS ENCLOSURE, WHICH ARE GENERALLY KEPT IN THE "OFF" POSITION, UNLESS MAINTENANCE PERSONNEL ARE ON-SITE OR WORKING AT NIGHT, DURING ANY EMERGENCY REPAIRS OR PERFORMING ANY MAINTENANCE OPERATIONS.

GENERAL MOUNT JOY TOWNSHIP - CHAPTER 110 ZONING & CHAPTER 86 SUBDIVISION AND LAND DEVELOPMENT ORDINANCE NOTES:

- ALL ELECTRICAL (AC) COLLECTION LINES WILL BE BURIED ON-SITE.
- LAYOUT, DESIGN AND INSTALLATION OF THE SOLAR ENERGY SYSTEM SHALL CONFORM TO APPLICABLE INDUSTRY STANDARDS, INCLUDING AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI), UNDERWRITERS LABORATORIES (UL), AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM), INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE), SOLAR RATING AND CERTIFICATION CORPORATION (SRCC), ELECTRICAL TESTING LABORATORY (ETL) OR OTHER SIMILAR CERTIFYING ORGANIZATIONS AND SHALL CONFORM TO THE PENNSYLVANIA UNIFORM CONSTRUCTION CODE.
- THE SOLAR ENERGY SYSTEM SHALL AT ALL TIMES BE MAINTAINED AND KEPT IN GOOD WORKING ORDER AND REPAIR.
- THE OWNER AND OPERATOR OF THE SOLAR ENERGY SYSTEM SHALL POST IN A PROMINENT LOCATION CURRENT INFORMATION IDENTIFYING THE PERSON TO CONTACT WITH INQUIRIES OR COMPLAINTS AND HIS/HER TOLL-FREE TELEPHONE NUMBER AND SHALL PROVIDE THIS INFORMATION TO THE TOWNSHIP SECRETARY.
- THE OWNER AND OPERATOR OF THE SOLAR ENERGY SYSTEM SHALL NOTIFY THE TOWNSHIP IMMEDIATELY UPON THE CESSATION AND/OR ABANDONMENT OF THE SOLAR ENERGY SYSTEM. CESSATION AND/OR ABANDONMENT SHALL BE PRESUMED IF NOT POWER IS GENERATED FOR A PERIOD OF ONE YEAR. NO LATER THAN ONE YEAR FOLLOWING CESSATION AND/OR ABANDONMENT, THE SOLAR ENERGY SYSTEM SHALL BE DECOMMISSIONED. DECOMMISSIONING MEANS THAT SOLAR PANELS, SOLAR-RELATED EQUIPMENT AND TRANSMISSION LINES, EXCEPT ELECTRIC AND ASSOCIATED COMMUNICATION LINES BURIED MORE THAN 36 INCHES BELOW GRADE, SHALL BE REMOVED AND THE SITE RESTORED TO A NATURAL CONDITION.
- ALL BUFFER AREA AND OTHER LANDSCAPING REQUIRED BY THIS ARTICLE SHALL BE PERPETUALLY MAINTAINED BY THE LOT OWNER. ANY LANDSCAPING NEEDED TO MEET A REQUIREMENT OF THIS ARTICLE THAT DIES, IS REMOVED, OR IS SEVERELY DAMAGED SHALL BE REPLACED BY THE THEN-CURRENT LOT OWNER AS SOON AS IS PRACTICAL CONSIDERING THE NEXT AVAILABLE GROWING SEASONS BUT NOT TO EXCEED (180) DAYS.
- REQUIRED PLANTINGS SHALL BE PRUNED IN ACCORDANCE WITH GENERALLY ACCEPTED STANDARDS (TIME AND MANNER) TO MAINTAIN PLANTINGS IN GOOD HEALTH AND CONDITION.
- REQUIRED PLANTINGS SHALL BE KEPT IN A RELATIVELY WEED-FREE CONDITION, FREE OF SOLID WASTE AND FEE OF NOXIOUS WEEDS.
- ALL PROPOSED RIGHTS-OF-WAY DEPICTED WITHIN THIS PLAN ON PROPERTIES TO BE DEVELOPED ARE HEREBY DEDICATED TO MOUNT JOY TOWNSHIP AS PUBLIC ROADWAY RIGHTS-OF-WAY.
- THIS PLAN DOES NOT INCLUDE THE DEVELOPMENT OF NEW WATER SUPPLY WELLS.
- ALL GRAVEL ROADS WILL REMAIN GRAVEL AND WILL NOT BE PAVED OR OTHERWISE SURFACED, WITHOUT ADDITIONAL STORMWATER MANAGEMENT PLANNING.

FLOODPLAIN NOTES:

- THE 100-YEAR & 500-YEAR FLOOD HAZARD AREAS DEPICTED HEREON WERE DERIVED FROM FEMA MAP NUMBERS 42001C0270D, 42001C0290D, 42001C0385D; 42001C0401D; ALL EFFECTIVE DATE 02/18/2009.
- ALL SOLAR ARRAYS ARE LOCATED OUTSIDE OF THE 100-YEAR & 500-YEAR FLOOD HAZARD AREAS.

SOLAR & UTILITY EASEMENT NOTE:

- NO OVERHEAD ELECTRICAL TRANSMISSION LINES FROM THE ON-SITE ELECTRICAL SUBSTATION TO THE POINT-OF-INTERCONNECTION (POI), WILL BE INSTALLED WITHIN THE AGRICULTURAL CONSERVATION DISTRICT (SHOWN HEREIN). THEREFORE, NO EASEMENTS ARE REQ'D. AT THIS TIME. HOWEVER, EASEMENTS WILL BE REQUIRED FOR THE FUTURE SOLAR ENERGY SYSTEM DEVELOPMENT/EXPANSION INTO THE BALTIMORE PIKE CONSERVATION DISTRICT.

POINT OF INTERCONNECTION (POI):

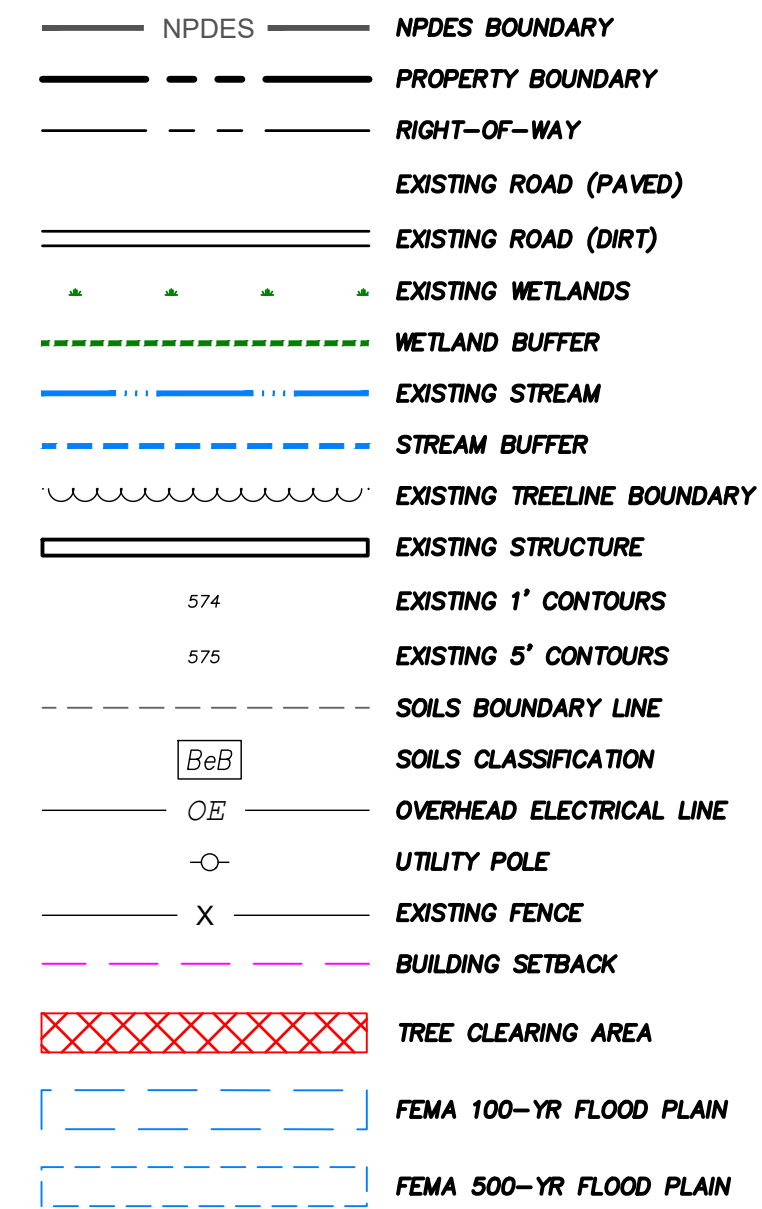
LOCATED AT THE METROPOLITAN EDISON CO.
MILLER ROAD
N39.758387°, E-77.125989°
SEE "VICINITY MAP" ON COVER SHEET FOR LOCATION.

ON-SITE COLLECTOR SUBSTATION:

BALTIMORE PIKE (SR 97)
N39.760824°, E-77.132929°
SEE "VICINITY MAP" ON COVER SHEET FOR LOCATION.

SANITARY SEWAGE FACILITIES PLANNING NOTE:

- THIS FINAL LAND DEVELOPMENT PLAN DOES NOT PROPOSE THE SUBDIVISION OF LAND; CREATION OF ANY NEW BUILDING LOT(S); OR THE DEVELOPMENT OF ANY IMPROVEMENTS THAT CREATES SANITARY SEWAGE FLOWS, THAT REQUIRE INSTALLATION, CONSTRUCTION, OR CONNECTION TO A COLLECTION, CONVEYANCE, TREATMENT OR DISPOSAL SYSTEM. IN THIS REGARD, A COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER REQUEST FOR PLANNING WAIVER & NON-BUILDING DECLARATION (PA DEP FORM 3850-FM-BCW0349) IS NOT REQUIRED FOR THIS PROJECT.



PARCEL OWNER SUMMARY TABLE

PARCEL #	PARCEL OWNER	ADDRESS	LOT SIZE (ACRES)	PARCEL ID	DEED REF
2	MILLARD E & DEBORAH BASEHOAR II	508-694 PLUNKERT RD, LITTLESTOWN, PA 17340	118.70	30H16-0001A---000	4696-171
3	KENNETH A & LINDA W HILBERT	4004 BALTIMORE PIKE, LITTLESTOWN, PA 17340	76.13	30H16-0048---000	299-003
5	MILLARD E & DEBORAH BASEHOAR II	202-322 PLUNKERT RD, LITTLESTOWN, PA 17340	62.40	30I16-0007E---000	6542-664
10	DAVID R & LESLIE R UPDYKE	165 UPDYKE RD, LITTLESTOWN, PA 17340	149.17	30I17-0041---000	2513-145
15	R GLENN & BARBARA J SNYDER	319 CALIFORNIA RD, LITTLESTOWN, PA 17340	74.26	30H16-0092---000	303-258
16	MICHAEL J NORA L KELLER	242-386 SPEELMAN KILNGER RD, LITTLESTOWN, PA 17340	47.96	30H16-0056C-000	2701-319
	TOTAL		528.623		



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

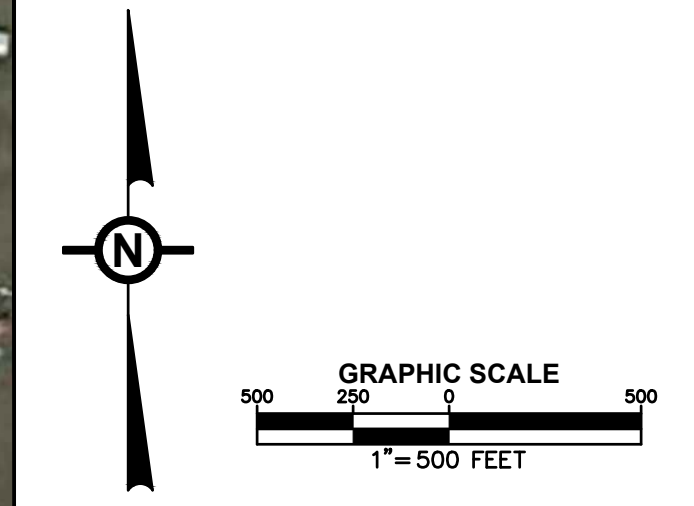
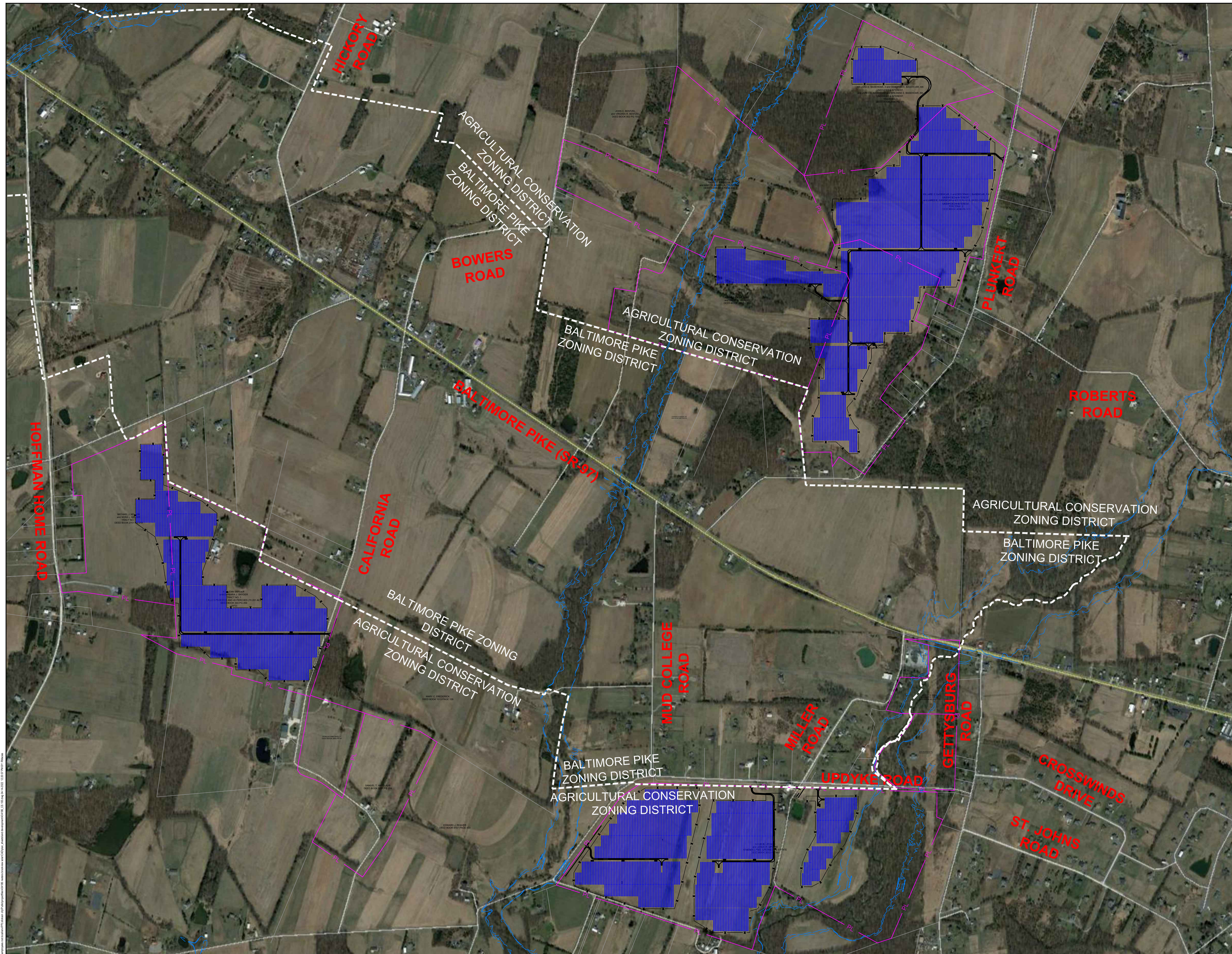


APPLICANT: **BROOKVIEW SOLAR I, LLC.**
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

**PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA**

**DRAWING TITLE:
GENERAL NOTES & LEGEND**

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	AS SHOWN
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-002



NOTE:
 1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



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TRC TRC Engineers, Inc.
 4900 Ritter Road
 Suite 240
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 Tel: 717-671-6430
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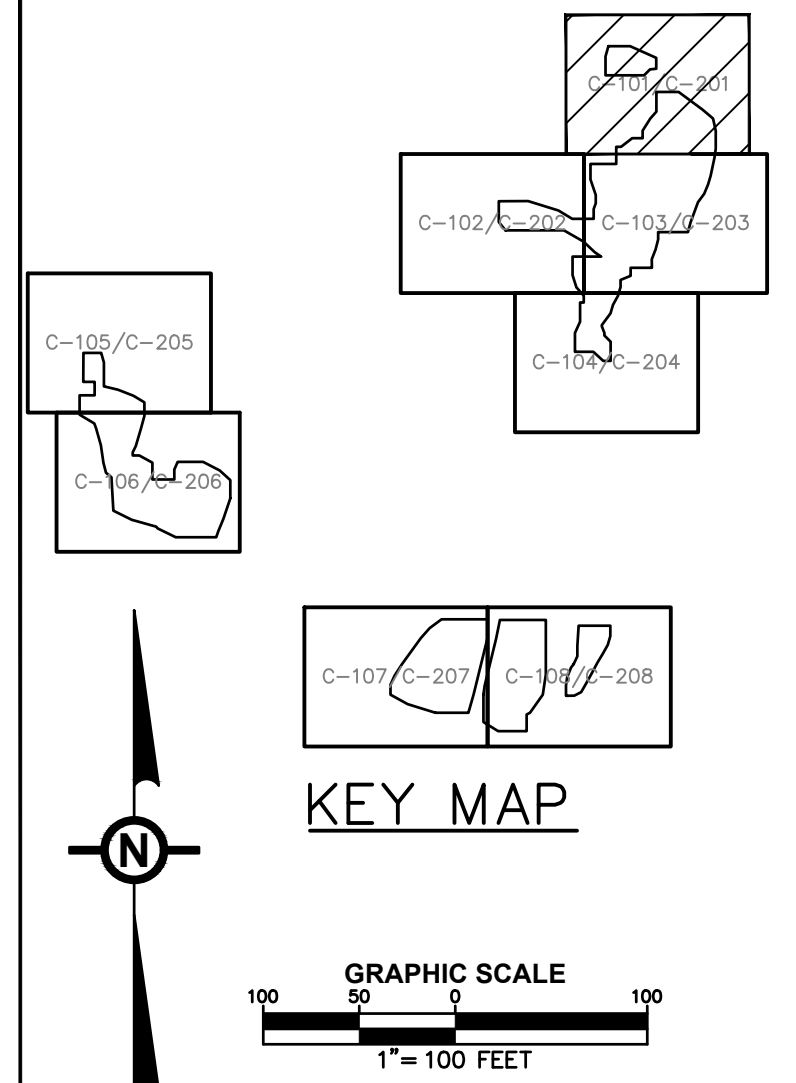
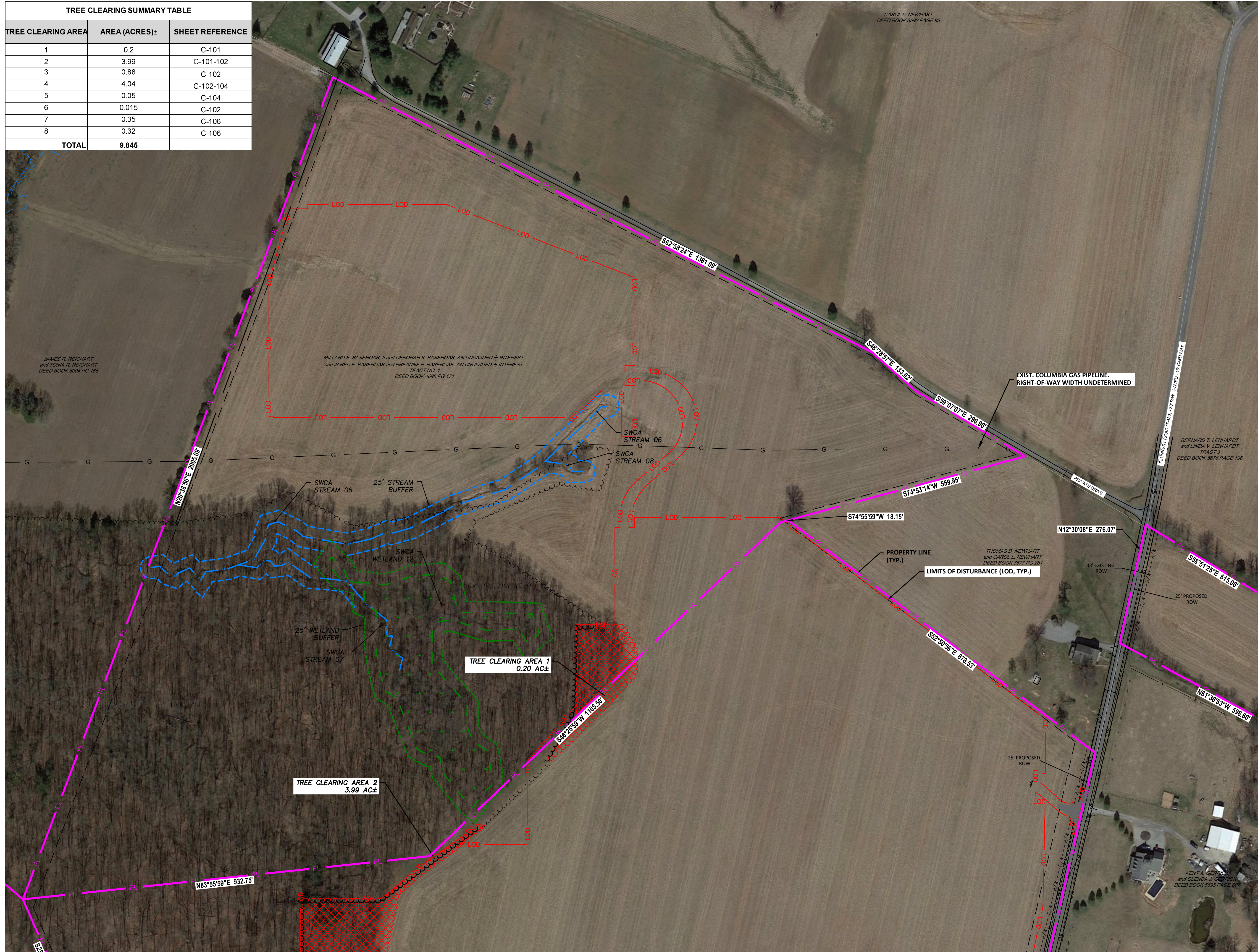
PRELIMINARY LAND DEVELOPMENT PLAN
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DRAWING TITLE:
OVERALL SITE PLAN

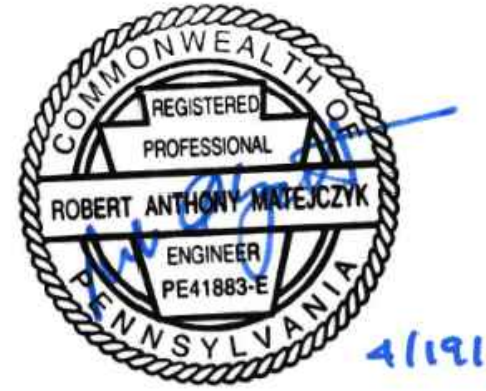
ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	AS SHOWN
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-100

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TREE CLEARING SUMMARY TABLE		
TREE CLEARING AREA	AREA (ACRES):	SHEET REFERENCE
1	0.2	C-101
2	3.99	C-101-102
3	0.88	C-102
4	4.04	C-102-104
5	0.05	C-104
6	0.015	C-102
7	0.35	C-106
8	0.32	C-106
TOTAL	9.845	



NOTE:
 1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



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SOLAR PROJECT
 MT. JOY TOWNSHIP, PA

DRAWING TITLE:
EXISTING CONDITIONS & TREE CLEARING PLAN (1)

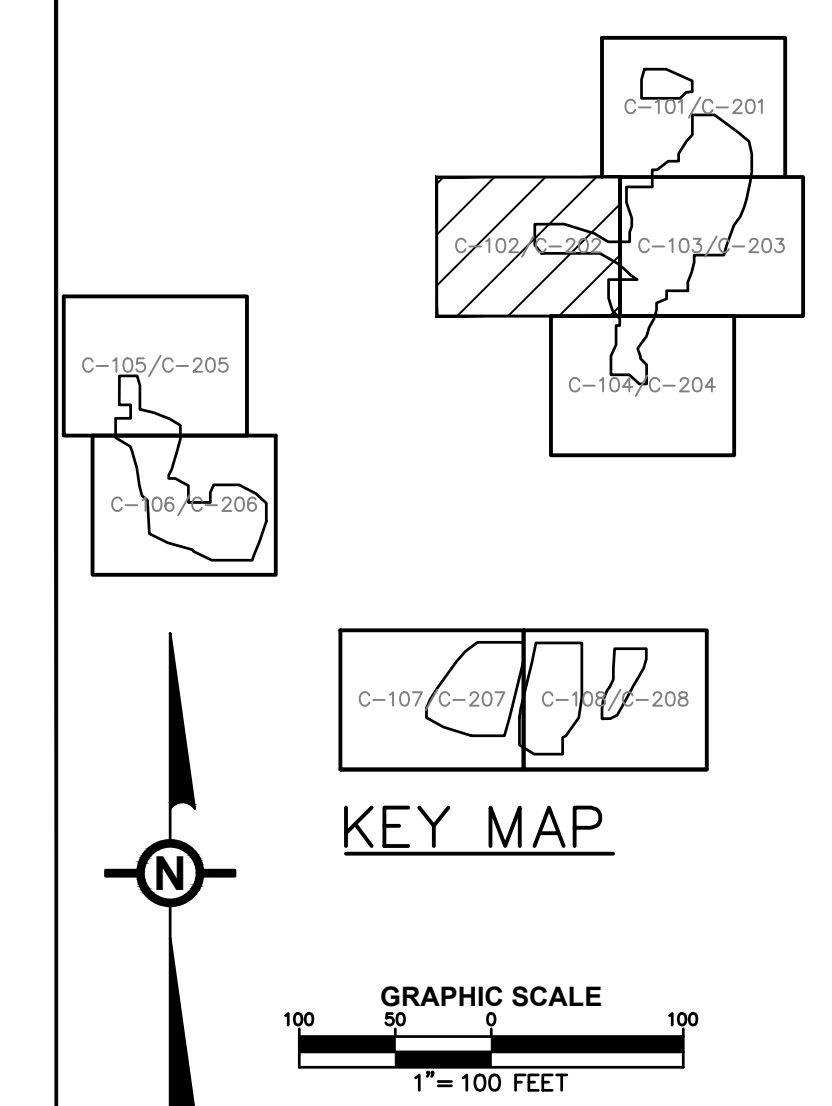
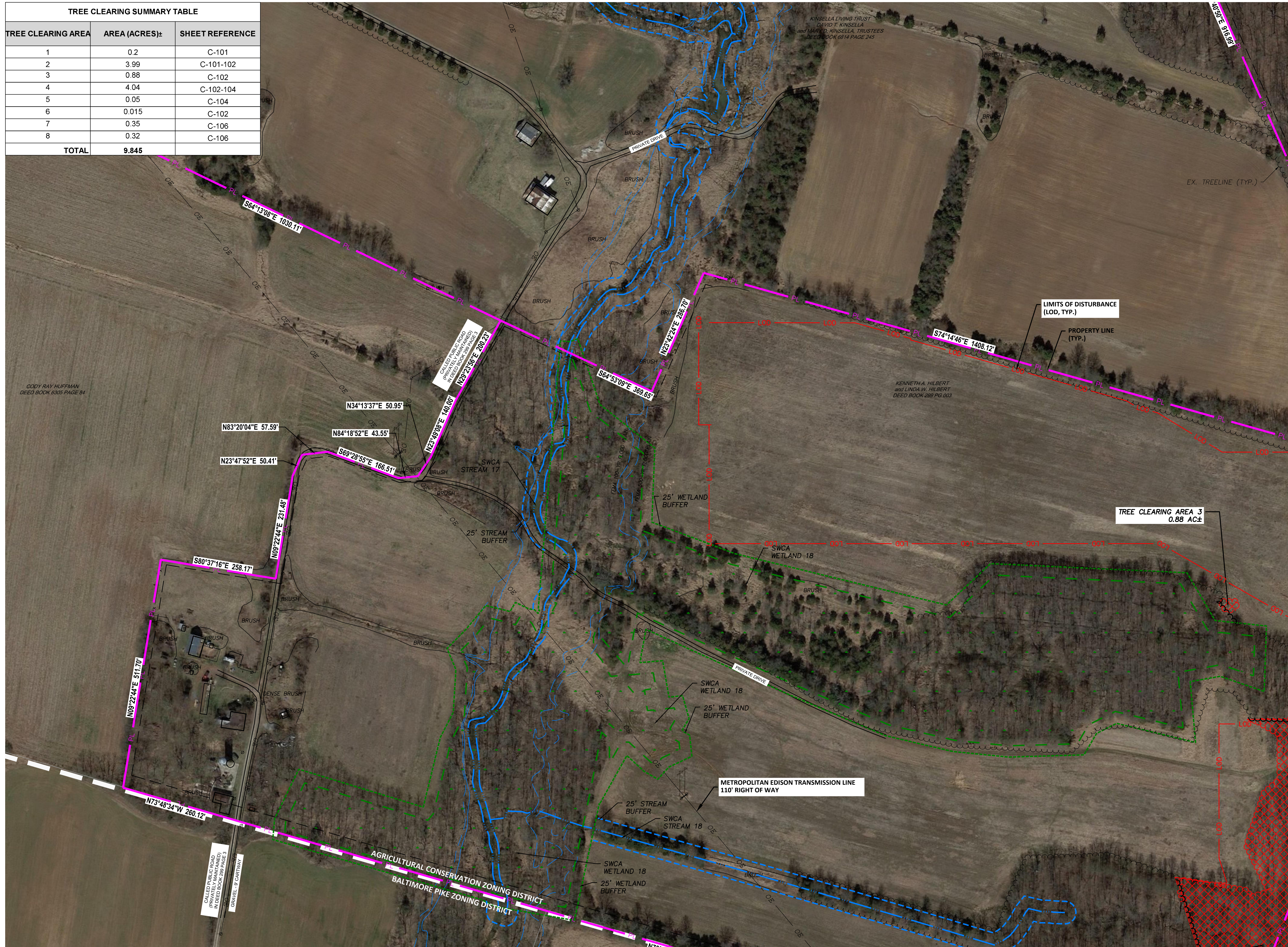
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	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
DRAWING NO.:	C-101	

MATCHLINE (SEE SHEET 102)

MATCHLINE (SEE SHEET 103)

MATCHLINE (SEE SHEET 101)

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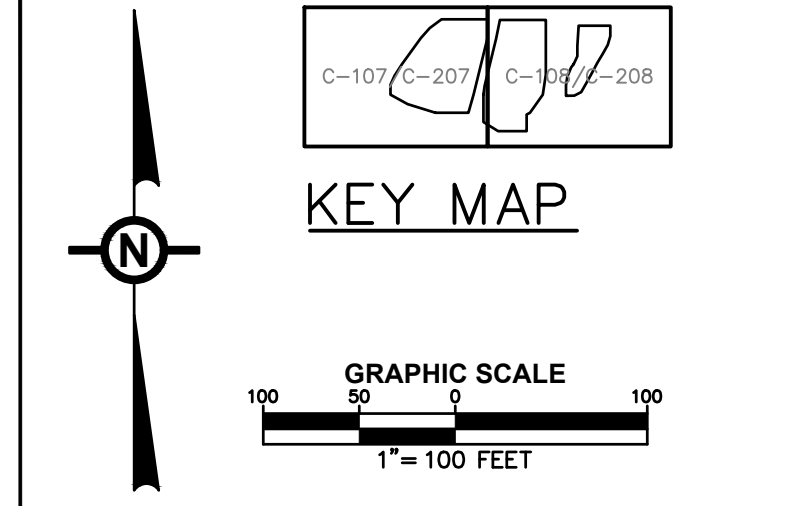
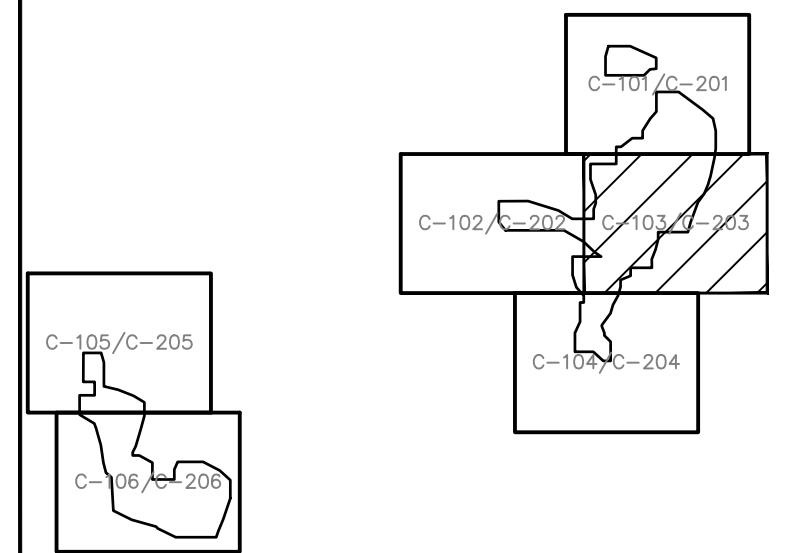
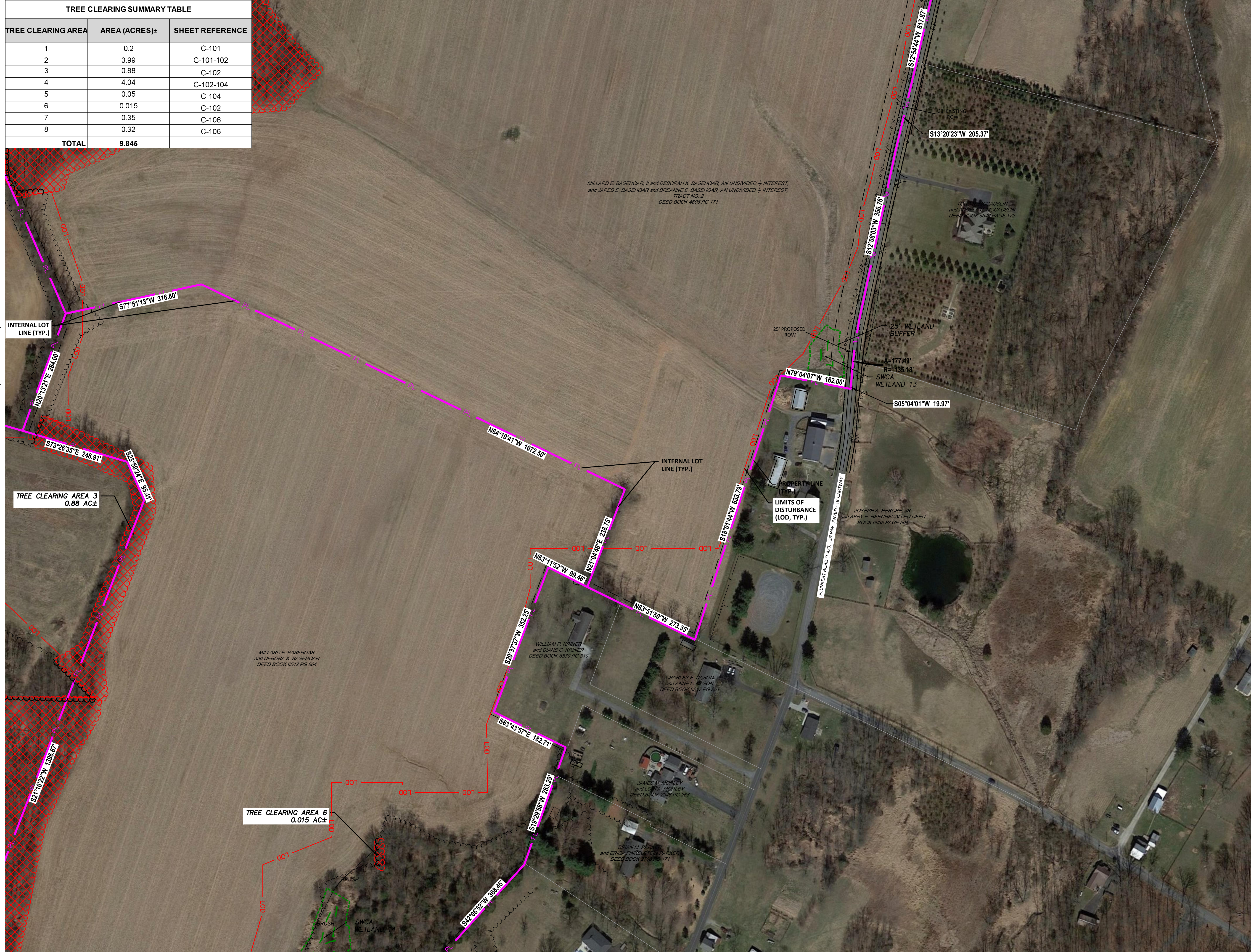
DRAWING TITLE:
EXISTING CONDITIONS & TREE CLEARING PLAN (2)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-102

MATCHLINE (SEE SHEET 104)

MATCHLINE (SEE SHEET 101)

TREE CLEARING SUMMARY TABLE		
TREE CLEARING AREA	AREA (ACRES):	SHEET REFERENCE
1	0.2	C-101
2	3.99	C-101-102
3	0.88	C-102
4	4.04	C-102-104
5	0.05	C-104
6	0.015	C-102
7	0.35	C-106
8	0.32	C-106
TOTAL	9.845	



NOTE:
1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

TRC TRC Engineers, Inc.
4900 Ritter Road
Suite 240
Mechanicsburg, PA 17055
Tel: 717-671-6430
www.trcsolutions.com

APPLICANT: **BROOKVIEW SOLAR I, LLC.**
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA

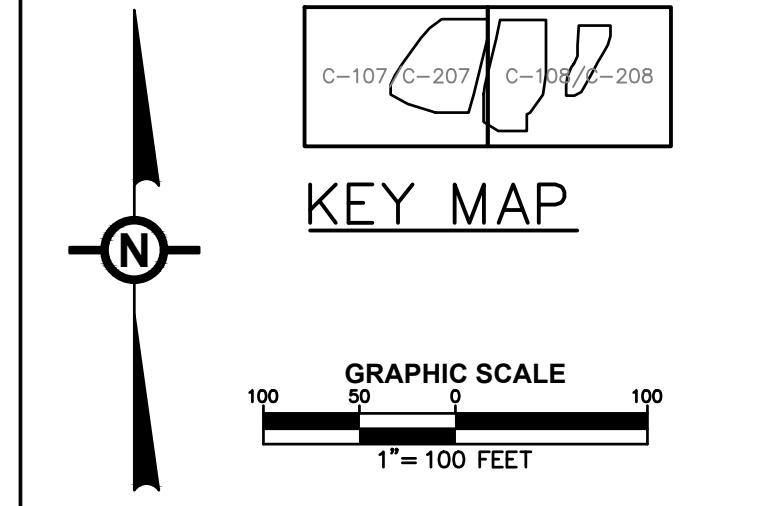
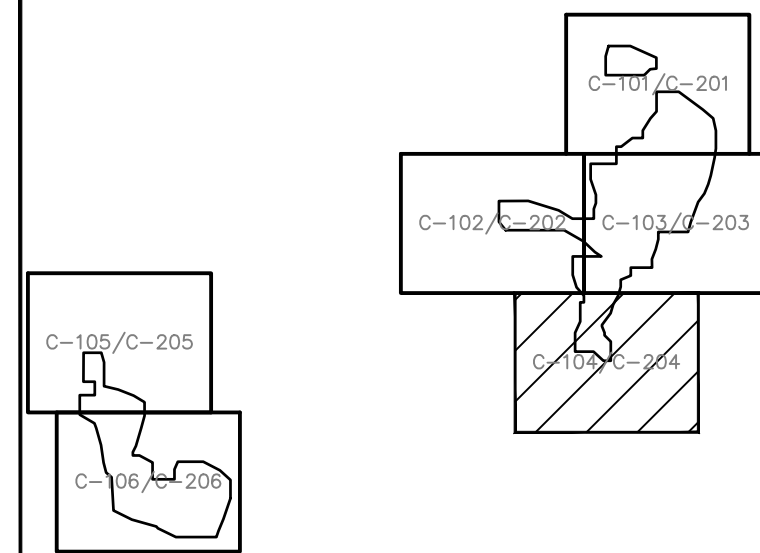
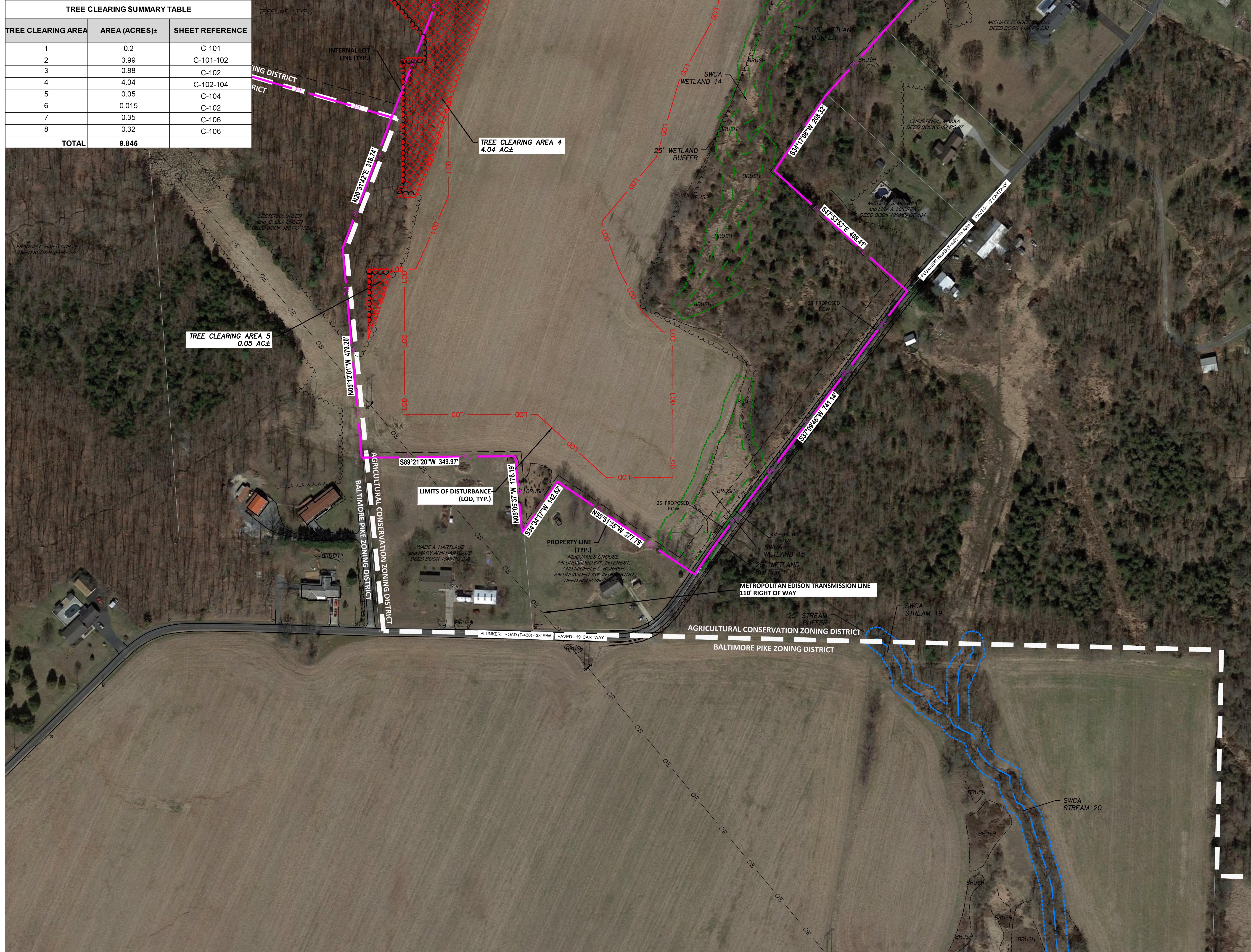
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ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-103

MATCHLINE (SEE SHEET 104)

MATCHLINE (SEE SHEET 102)

TREE CLEARING SUMMARY TABLE		
TREE CLEARING AREA	AREA (ACRES):	SHEET REFERENCE
1	0.2	C-101
2	3.99	C-101-102
3	0.88	C-102
4	4.04	C-102-104
5	0.05	C-104
6	0.015	C-102
7	0.35	C-106
8	0.32	C-106
TOTAL	9.845	



NOTE:
 1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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 Mechanicsburg, PA 17055
 Tel: 717-671-6430
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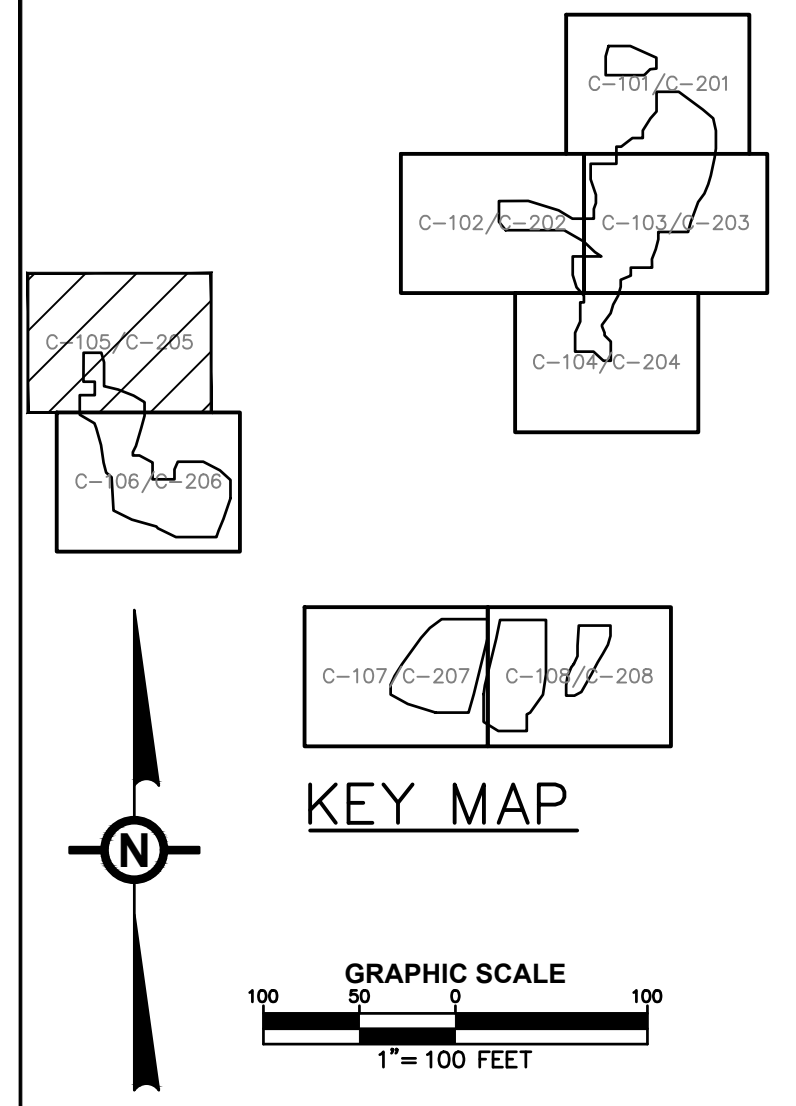
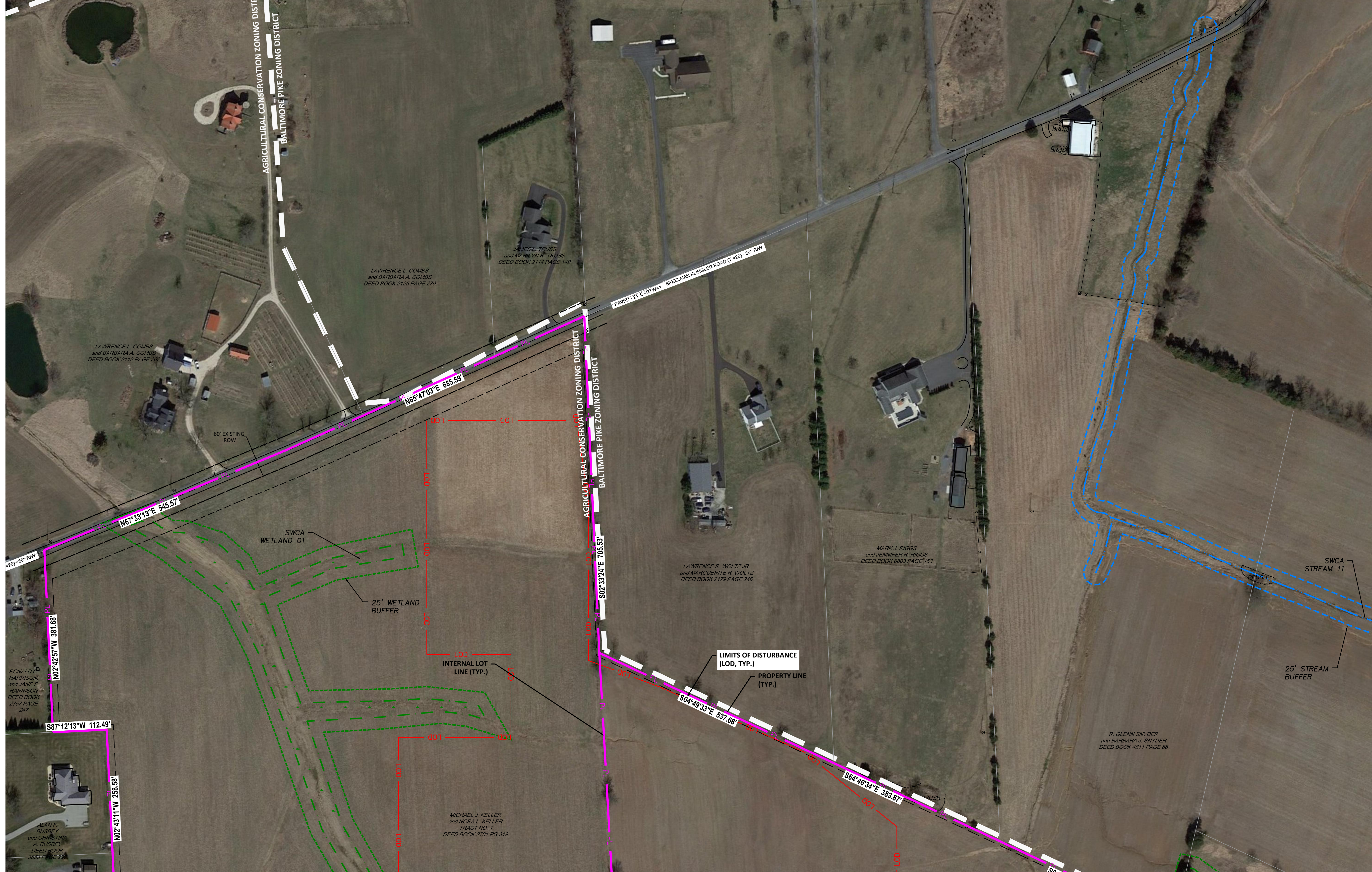
APPLICANT: BROOKVIEW SOLAR I, LLC.
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

DRAWING TITLE: PRELIMINARY LAND DEVELOPMENT PLAN
 BROOKVIEW SOLAR I, LLC.
 SOLAR PROJECT
 MT. JOY TOWNSHIP, PA

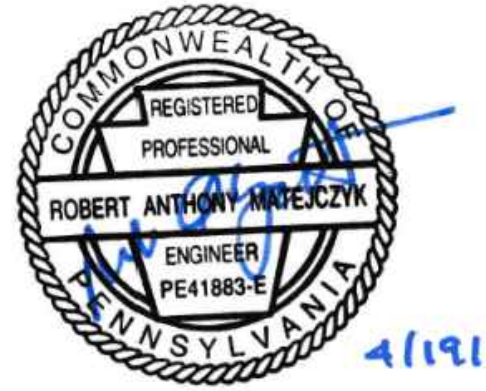
DRAWING TITLE: EXISTING CONDITIONS & TREE CLEARING PLAN (4)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-104

TREE CLEARING SUMMARY TABLE		
TREE CLEARING AREA	AREA (ACRES)	SHEET REFERENCE
1	0.2	C-101
2	3.99	C-101-102
3	0.88	C-102
4	4.04	C-102-104
5	0.05	C-104
6	0.015	C-102
7	0.35	C-106
8	0.32	C-106
TOTAL	9.845	



NOTE:
 1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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 Tel: 717-671-6430
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APPLICANT: BROOKVIEW SOLAR I, LLC.
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

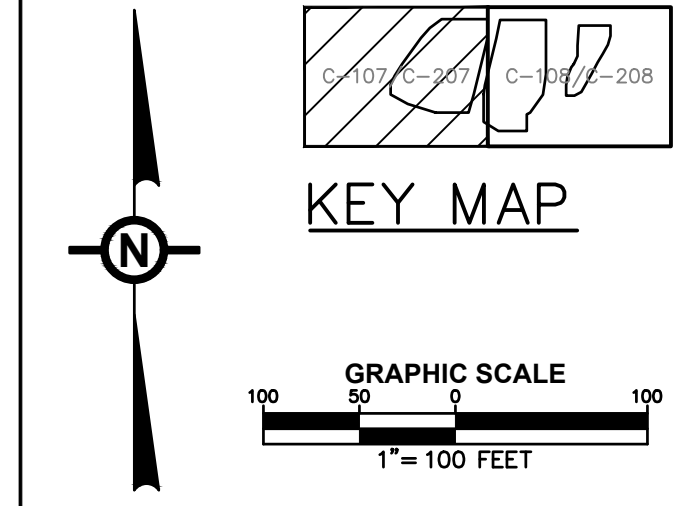
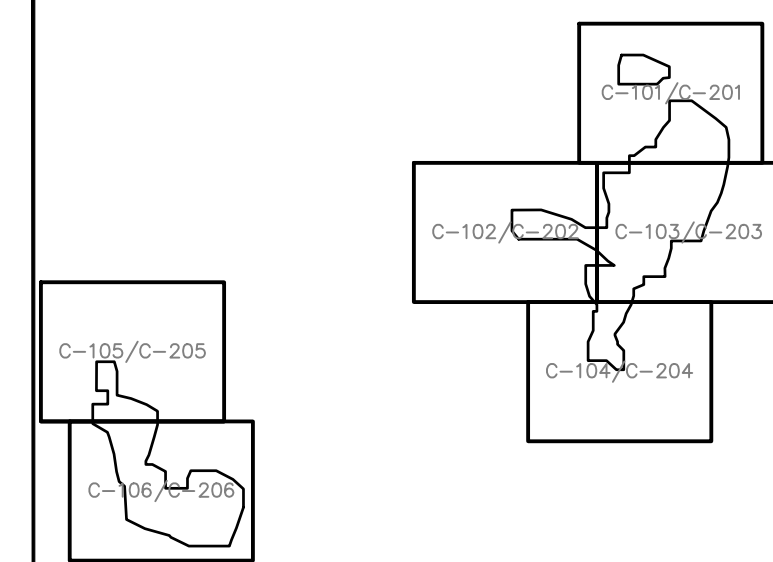
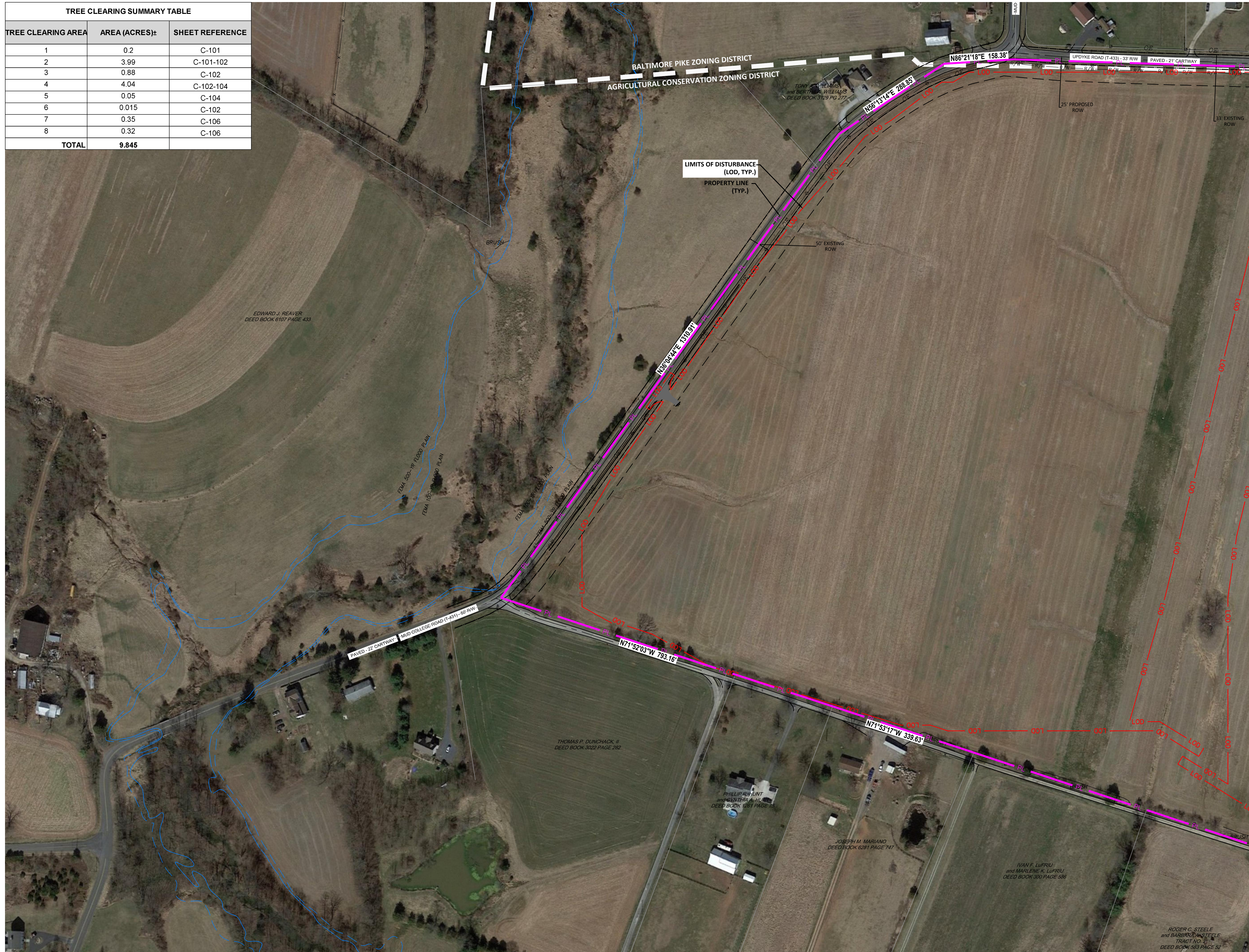
PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
 MT. JOY TOWNSHIP, PA

DRAWING TITLE:
EXISTING CONDITIONS & TREE CLEARING PLAN (5)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-105

MATCHLINE (SEE SHEET 106)

TREE CLEARING SUMMARY TABLE		
TREE CLEARING AREA	AREA (ACRES):	SHEET REFERENCE
1	0.2	C-101
2	3.99	C-101-102
3	0.88	C-102
4	4.04	C-102-104
5	0.05	C-104
6	0.015	C-102
7	0.35	C-106
8	0.32	C-106
TOTAL	9.845	



NOTE:
 1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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 Tel: 717-671-6430
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APPLICANT: BROOKVIEW SOLAR I, LLC.
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

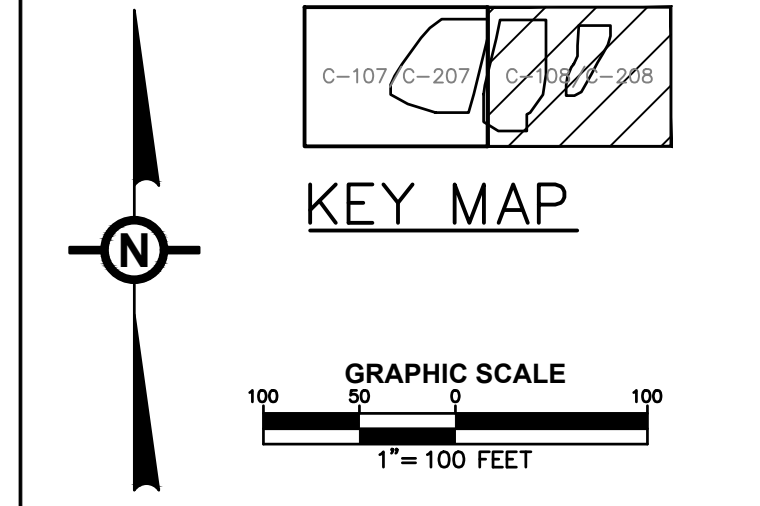
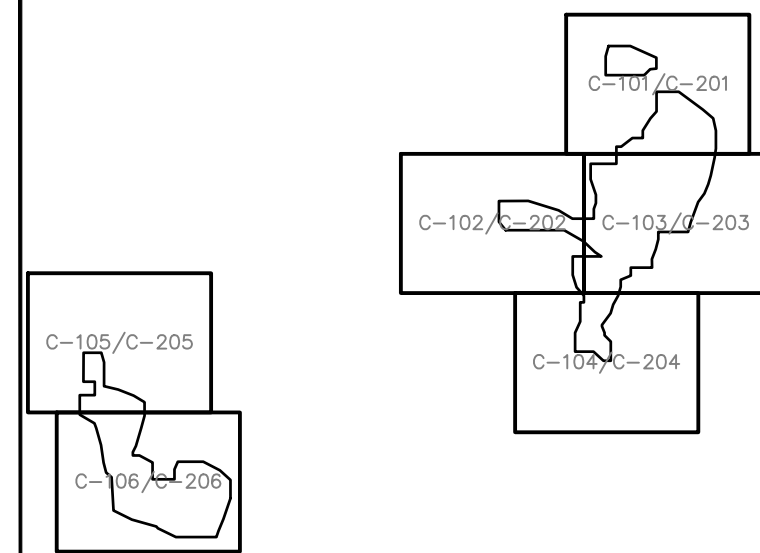
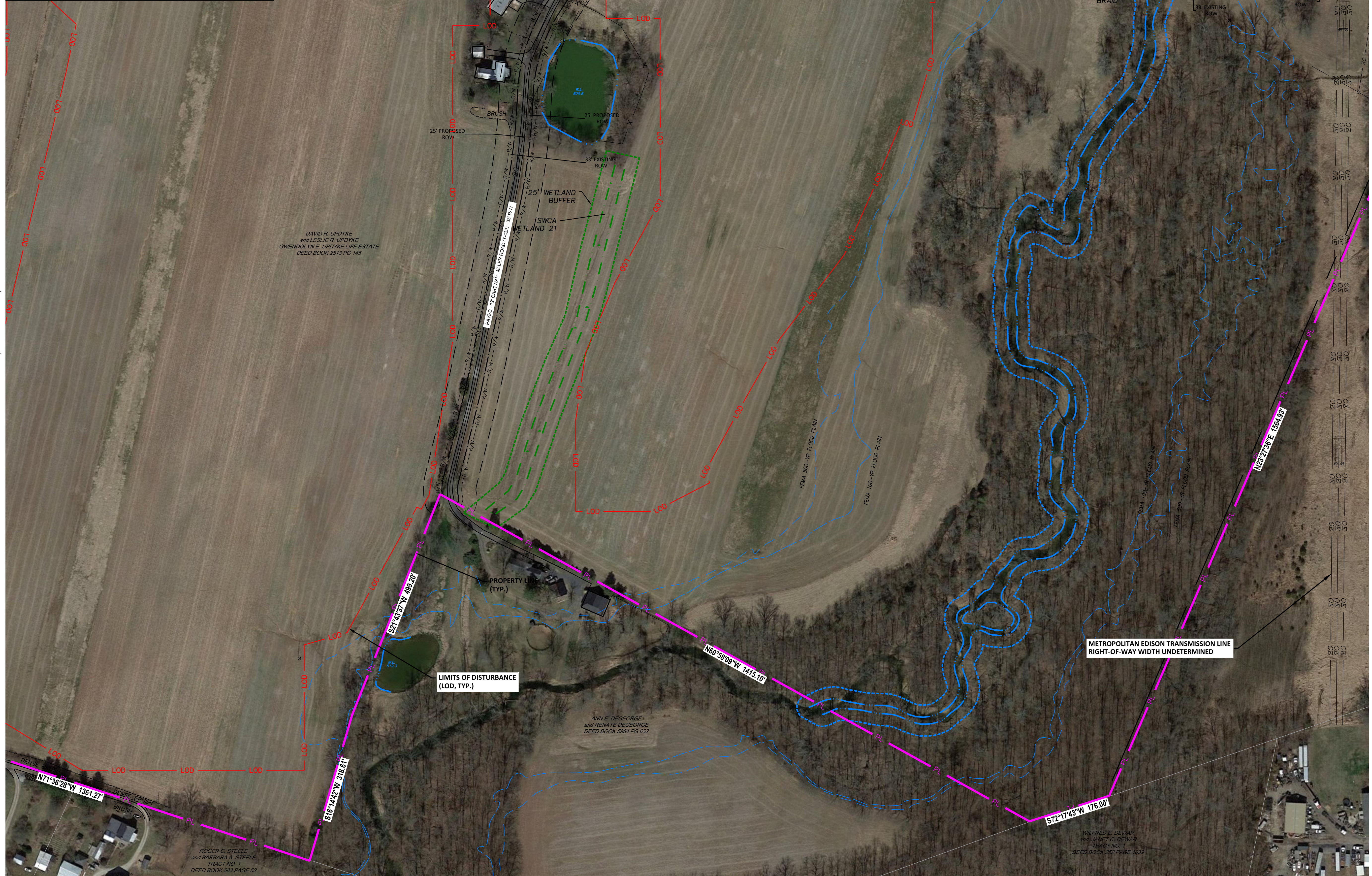
DRAWING TITLE: PRELIMINARY LAND DEVELOPMENT PLAN
 BROOKVIEW SOLAR I, LLC.
 SOLAR PROJECT
 MT. JOY TOWNSHIP, PA

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.

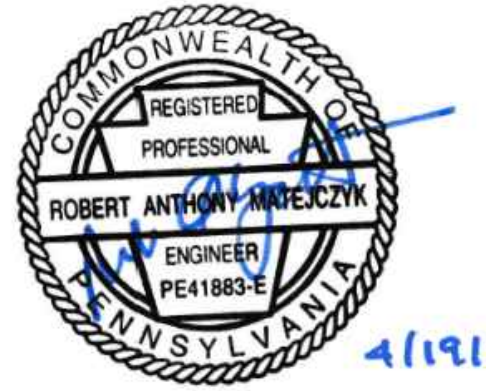
SCALE:	1"=100'
DATE:	09/21/2021
DRAWN BY:	MKS/JUN
CHECKED BY:	RAM
PROJECT:	434186
DRAWING NO.:	C-107

MATCHLINE (SEE SHEET 108)

TREE CLEARING SUMMARY TABLE		
TREE CLEARING AREA	AREA (ACRES):	SHEET REFERENCE
1	0.2	C-101
2	3.99	C-101-102
3	0.88	C-102
4	4.04	C-102-104
5	0.05	C-104
6	0.015	C-102
7	0.35	C-106
8	0.32	C-106
TOTAL	9.845	



NOTE:
1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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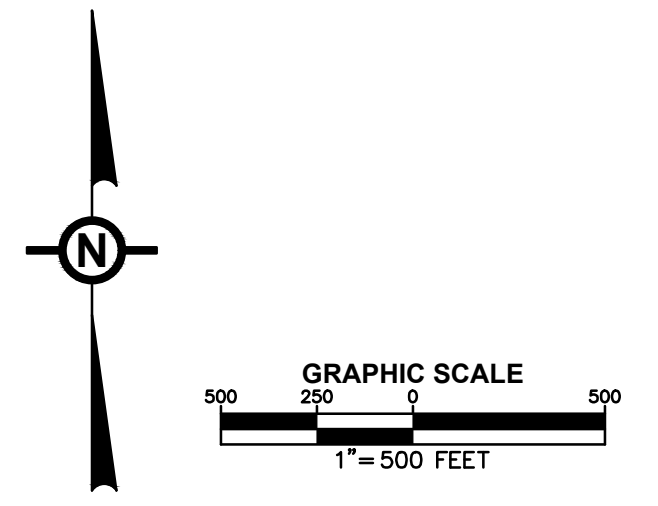
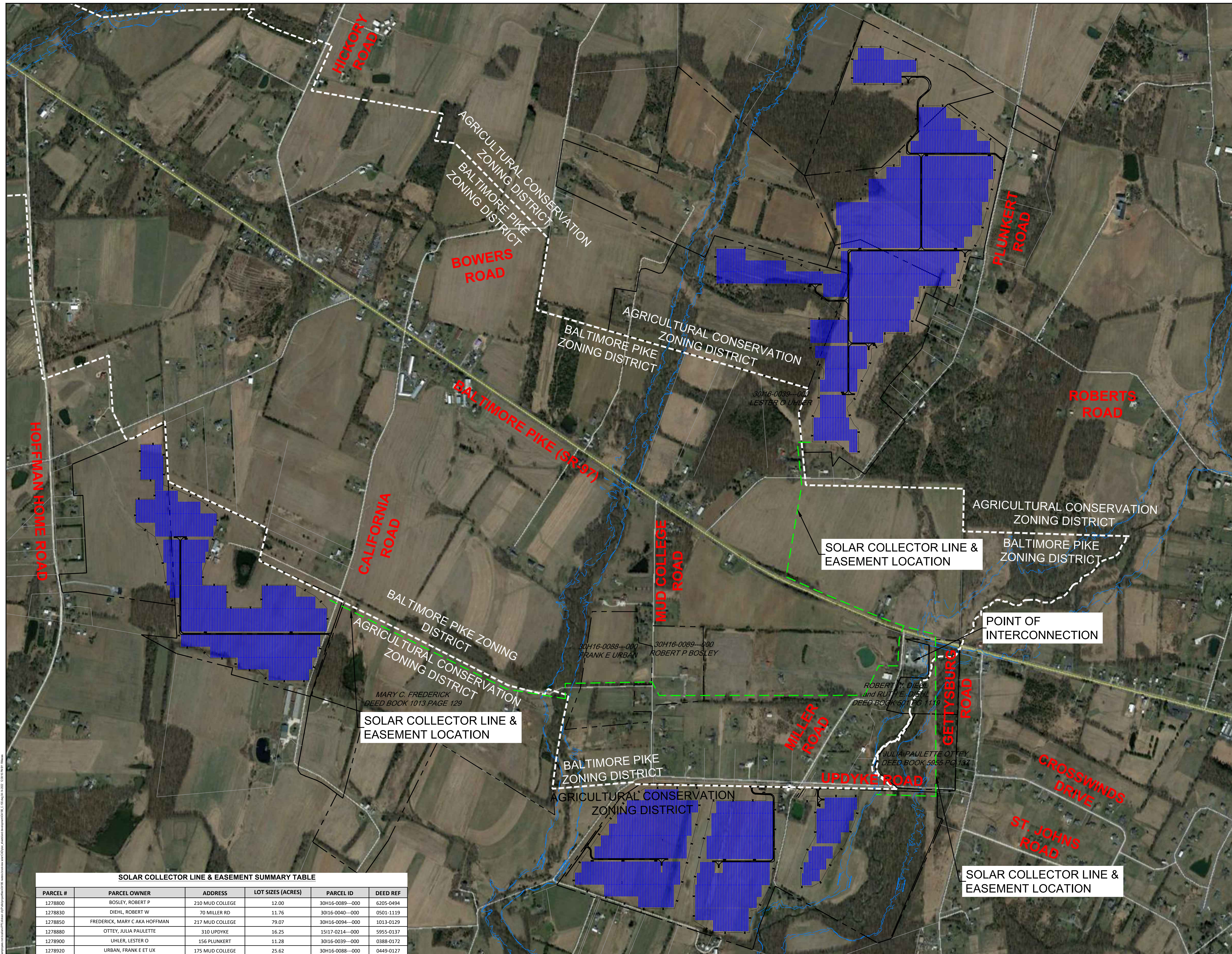
APPLICANT: **BROOKVIEW SOLAR I, LLC.**
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA

DRAWING TITLE:
EXISTING CONDITIONS & TREE CLEARING PLAN (8)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-108

MATCHLINE (SEE SHEET 107)



NOTE:
 1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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 Tel: 717-671-6430
 www.trcsolutions.com

APPLICANT: **BROOKVIEW SOLAR I, LLC.**
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

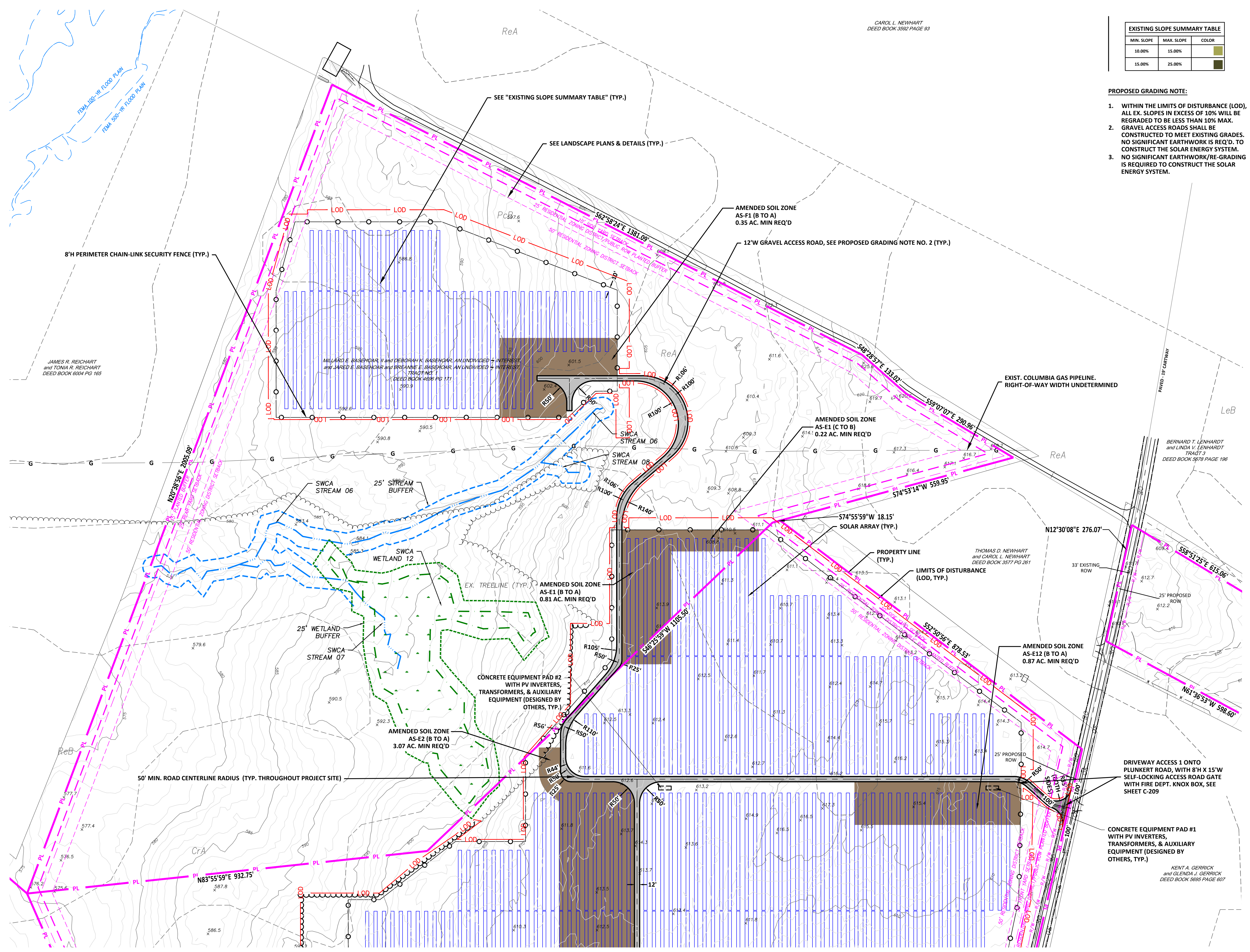
PRELIMINARY LAND DEVELOPMENT PLAN
 BROOKVIEW SOLAR I, LLC.
 SOLAR PROJECT
 MT. JOY TOWNSHIP, PA

DRAWING TITLE:
EASEMENT PLAN

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	AS SHOWN
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-200

PARCEL #	PARCEL OWNER	ADDRESS	LOT SIZES (ACRES)	PARCEL ID	DEED REF
1278800	BOSLEY, ROBERT P	210 MUD COLLEGE	12.00	30H16-0089-000	6205-0494
1278830	DIEHL, ROBERT W	70 MILLER RD	11.76	3016-0040-000	0501-1119
1278850	FREDERICK, MARY C AKA HOFFMAN	217 MUD COLLEGE	79.07	30H16-0094-000	1013-0129
1278880	OTTEY, JULIA PAULETTE	310 UPDYKE	16.25	15117-0214-000	5955-0137
1278900	UHLER, LESTER O	156 PLUNKERT	11.28	3016-0039-000	0388-0172
1278920	URBAN, FRANK E ET UX	175 MUD COLLEGE	25.62	30H16-0088-000	0449-0127

I:\REFS\434186_P\Bases.dwg - I:\REFS\434186_Key Map.dwg - I:\REFS\434186_X\Bases-Survey.dwg - I:\REFS\REFERENCE\Teebook_LD\Final Layout.dwg
 Date: 09/21/2021 10:23:11 AM
 User: MKS



CAROL L. NEWHART
DEED BOOK 3592 PAGE 93

EXISTING SLOPE SUMMARY TABLE		
MIN. SLOPE	MAX. SLOPE	COLOR
10.00%	15.00%	Light Green
15.00%	25.00%	Dark Green

- PROPOSED GRADING NOTE:**
- WITHIN THE LIMITS OF DISTURBANCE (LOD), ALL EX. SLOPES IN EXCESS OF 10% WILL BE REGRADED TO BE LESS THAN 10% MAX.
 - GRAVEL ACCESS ROADS SHALL BE CONSTRUCTED TO MEET EXISTING GRADES. NO SIGNIFICANT EARTHWORK IS REQ'D. TO CONSTRUCT THE SOLAR ENERGY SYSTEM.
 - NO SIGNIFICANT EARTHWORK/RE-GRADING IS REQUIRED TO CONSTRUCT THE SOLAR ENERGY SYSTEM.

KEY MAP

GRAPHIC SCALE
1" = 100 FEET

NOTE:
1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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Mechanicsburg, PA 17055
Tel: 717-671-6430
www.trcsolutions.com

APPLICANT: BROOKVIEW SOLAR I, LLC.
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

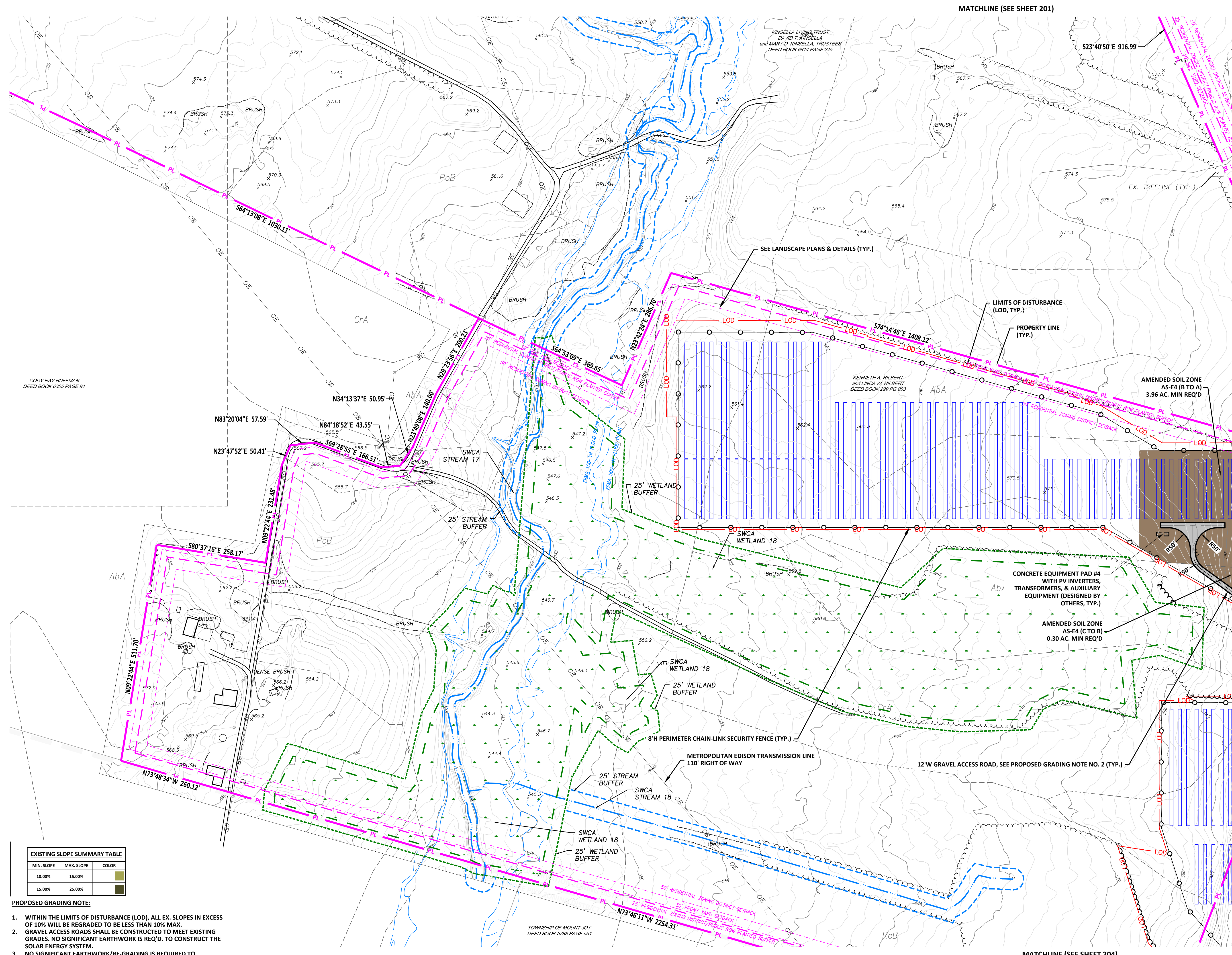
PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA

DRAWING TITLE: SITE PLAN (1)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-201

MATCHLINE (SEE SHEET 202)

MATCHLINE (SEE SHEET 203)



CODY RAY HUFFMAN
DEED BOOK 6305 PAGE 84

KINSELLA LIVING TRUST
DAVID T. KINSELLA
and MARY D. KINSELLA, TRUSTEES
DEED BOOK 6814 PAGE 245

KENNETH A. HILBERT
and LINDA W. HILBERT
DEED BOOK 289 PG 003

TOWNSHIP OF MOUNT JOY
DEED BOOK 5288 PAGE 551

EXISTING SLOPE SUMMARY TABLE		
MIN. SLOPE	MAX. SLOPE	COLOR
10.00%	15.00%	Light Green
15.00%	25.00%	Dark Green

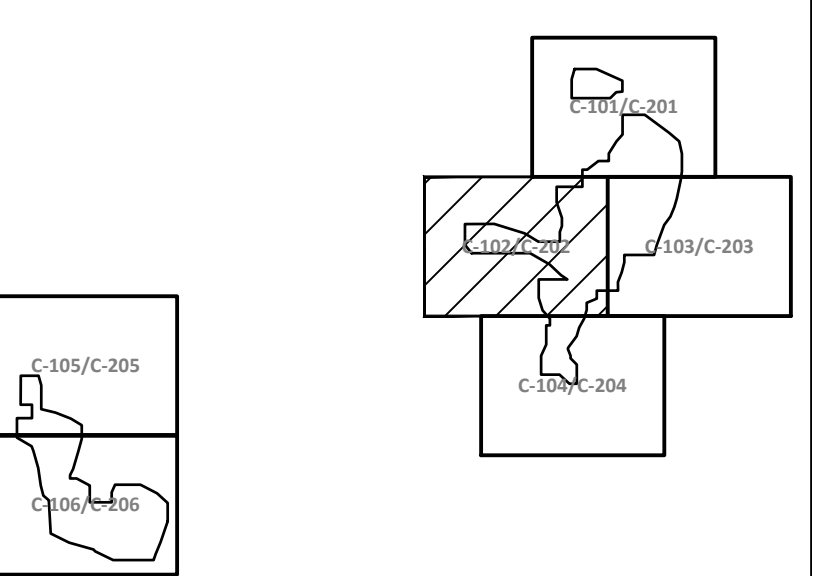
- PROPOSED GRADING NOTE:**
- WITHIN THE LIMITS OF DISTURBANCE (LOD), ALL EX. SLOPES IN EXCESS OF 10% WILL BE REGRADED TO BE LESS THAN 10% MAX.
 - GRAVEL ACCESS ROADS SHALL BE CONSTRUCTED TO MEET EXISTING GRADES. NO SIGNIFICANT EARTHWORK IS REQ'D. TO CONSTRUCT THE SOLAR ENERGY SYSTEM.
 - NO SIGNIFICANT EARTHWORK/RE-GRADING IS REQUIRED TO CONSTRUCT THE SOLAR ENERGY SYSTEM.

MATCHLINE (SEE SHEET 201)

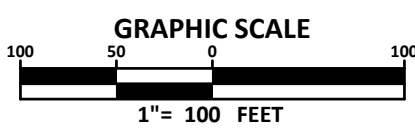
MATCHLINE (SEE SHEET 204)

MATCHLINE (SEE SHEET 203)

APPLICANT:



KEY MAP



NOTE:
1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

TRC TRC Engineers, Inc.
4900 Ritter Road
Suite 240
Mechanicsburg, PA 17055
Tel: 717-671-6430
www.trcsolutions.com

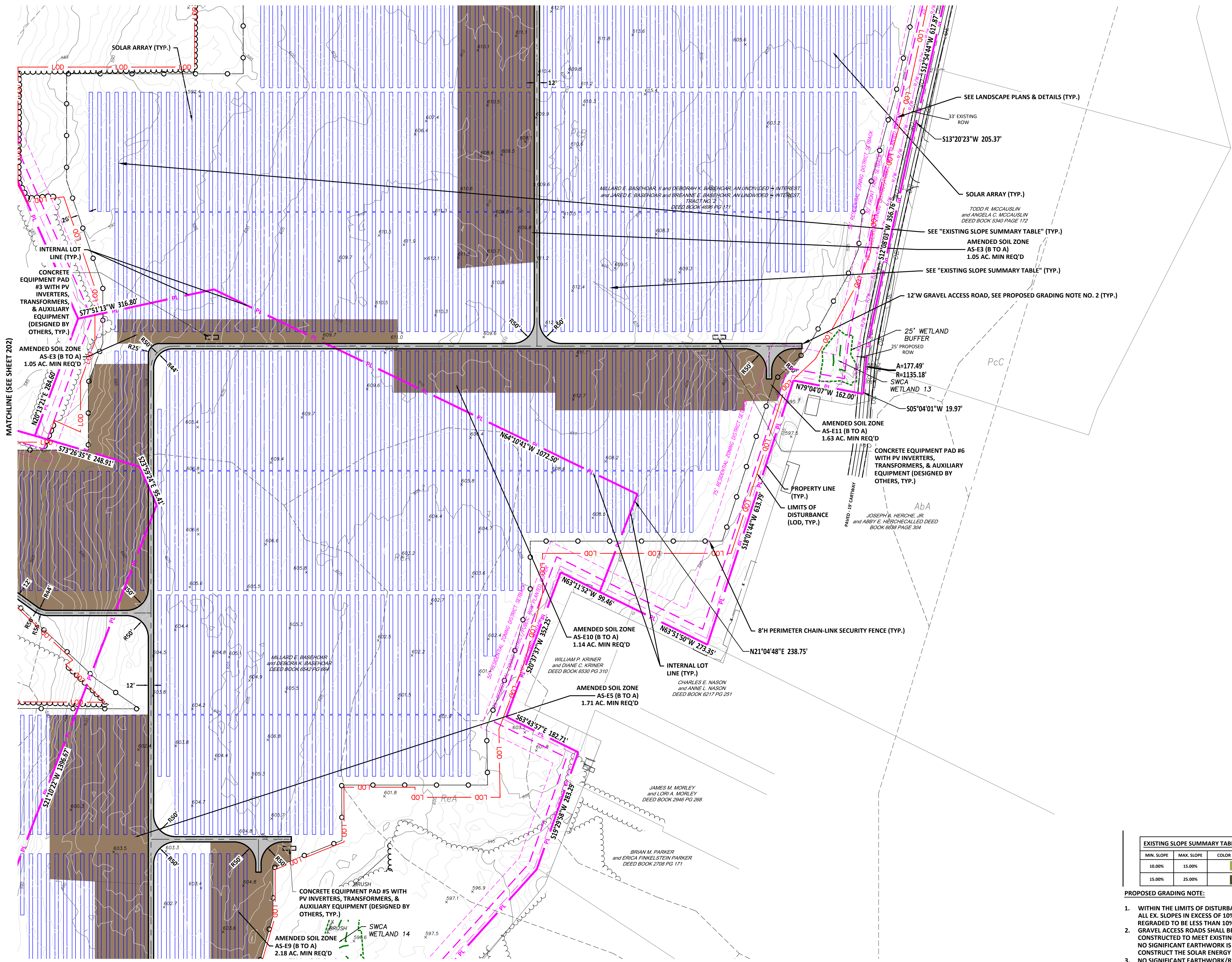
BROOKVIEW SOLAR I, LLC.
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

**PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA**

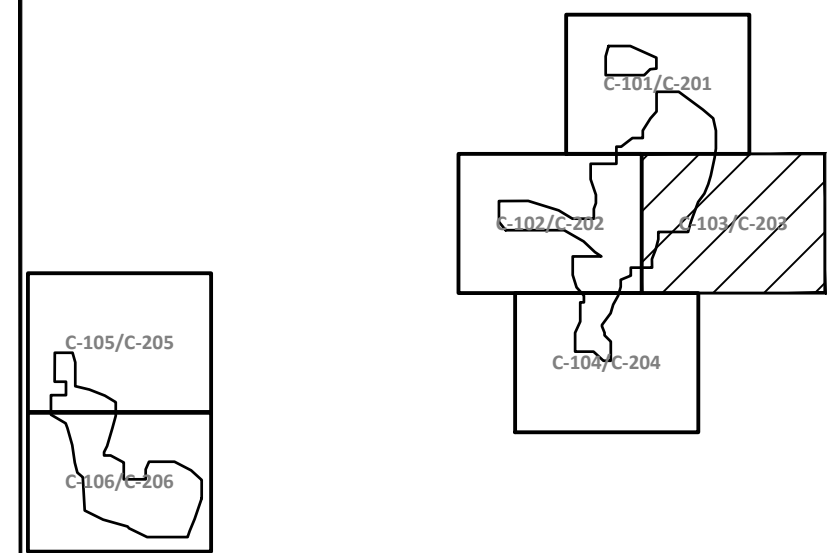
DRAWING TITLE:
SITE PLAN (2)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE: 1"=100'
	DATE: 09/21/2021
	DRAWN BY: MKS/JUN
	CHECKED BY: RAM
	PROJECT: 434186
	DRAWING NO.: C-202

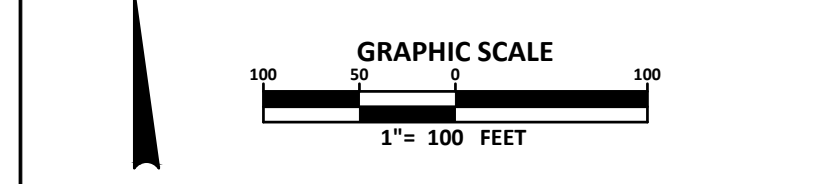
MATCHLINE (SEE SHEET 201)



MATCHLINE (SEE SHEET 204)



KEY MAP



NOTE:
1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022



APPLICANT: **BROOKVIEW SOLAR I, LLC.**
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

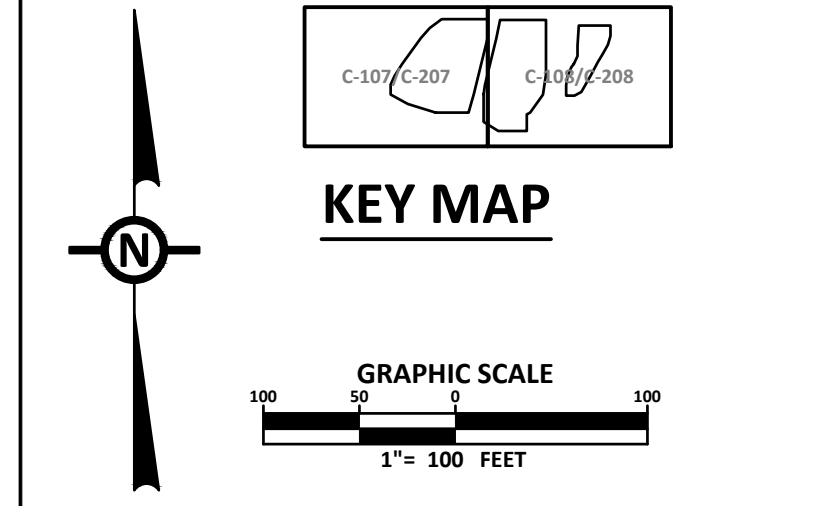
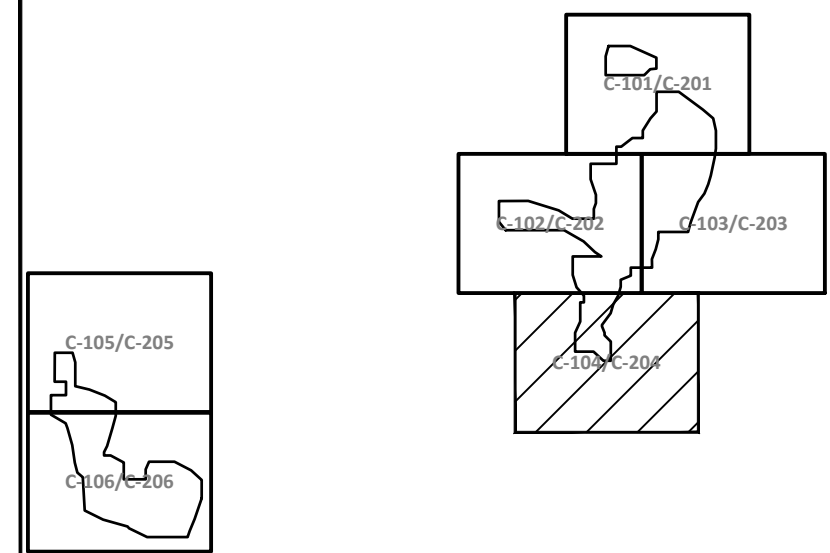
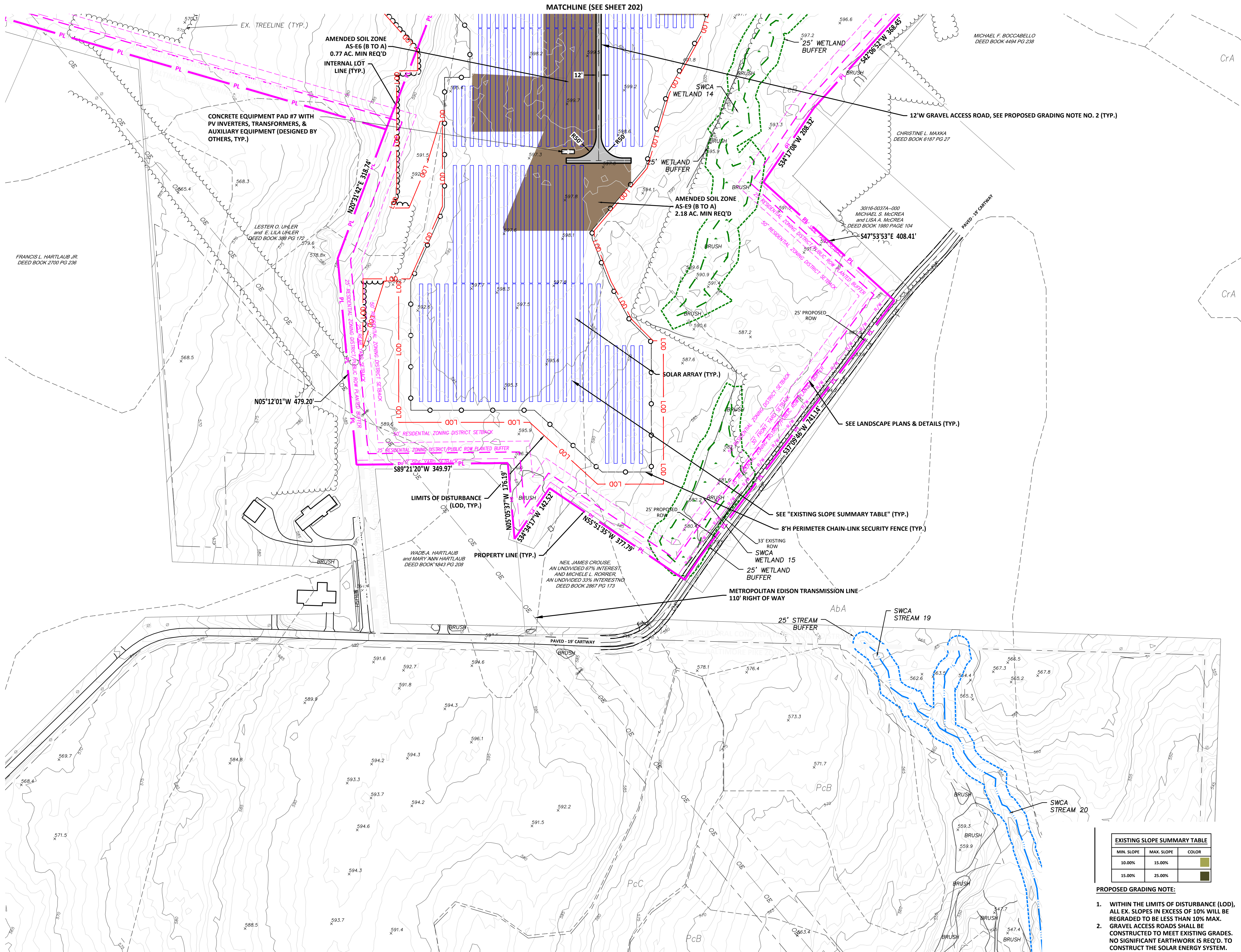
PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA

DRAWING TITLE:
SITE PLAN (3)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-203

MIN. SLOPE	MAX. SLOPE	COLOR
10.00%	15.00%	Light Green
15.00%	25.00%	Dark Green

- PROPOSED GRADING NOTE:
- WITHIN THE LIMITS OF DISTURBANCE (LOD), ALL EX. SLOPES IN EXCESS OF 10% WILL BE REGRADED TO BE LESS THAN 10% MAX.
 - GRAVEL ACCESS ROADS SHALL BE CONSTRUCTED TO MEET EXISTING GRADES. NO SIGNIFICANT EARTHWORK IS REQ'D. TO CONSTRUCT THE SOLAR ENERGY SYSTEM.
 - NO SIGNIFICANT EARTHWORK/RE-GRADING IS REQUIRED TO CONSTRUCT THE SOLAR ENERGY SYSTEM.



NOTE:
 1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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 Mechanicsburg, PA 17055
 Tel: 717-671-6430
 www.trcsolutions.com

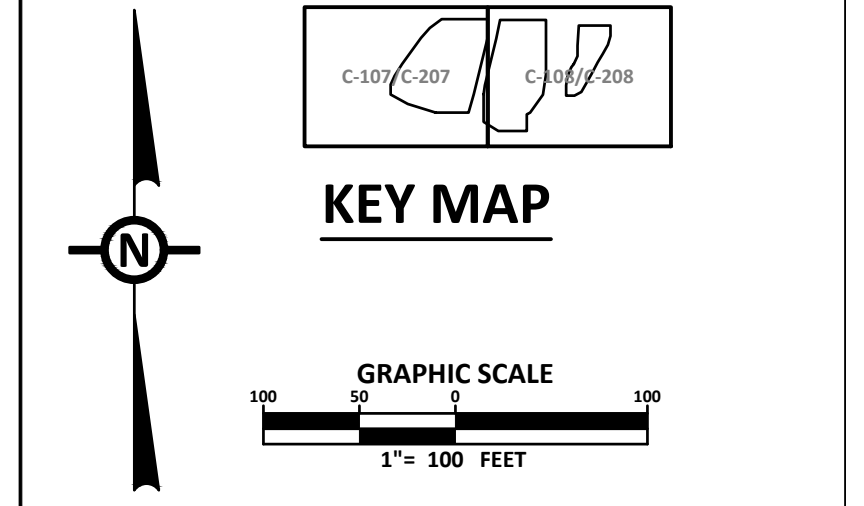
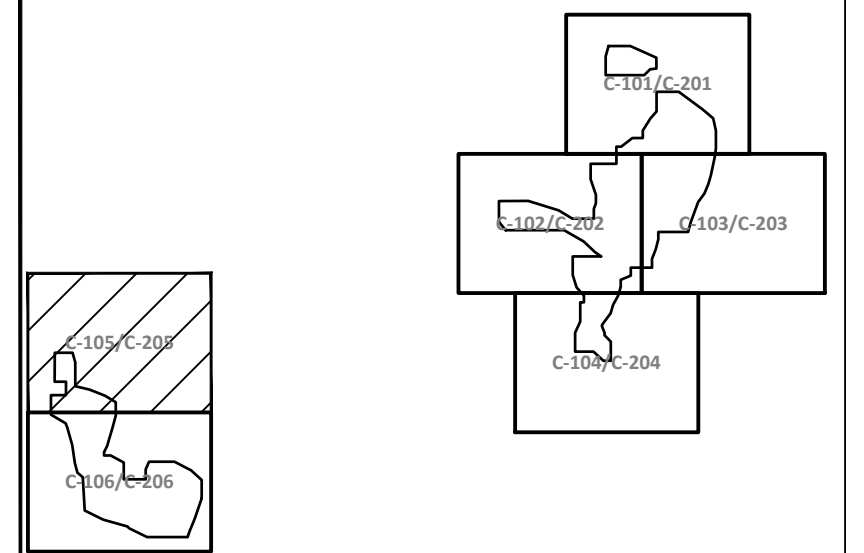
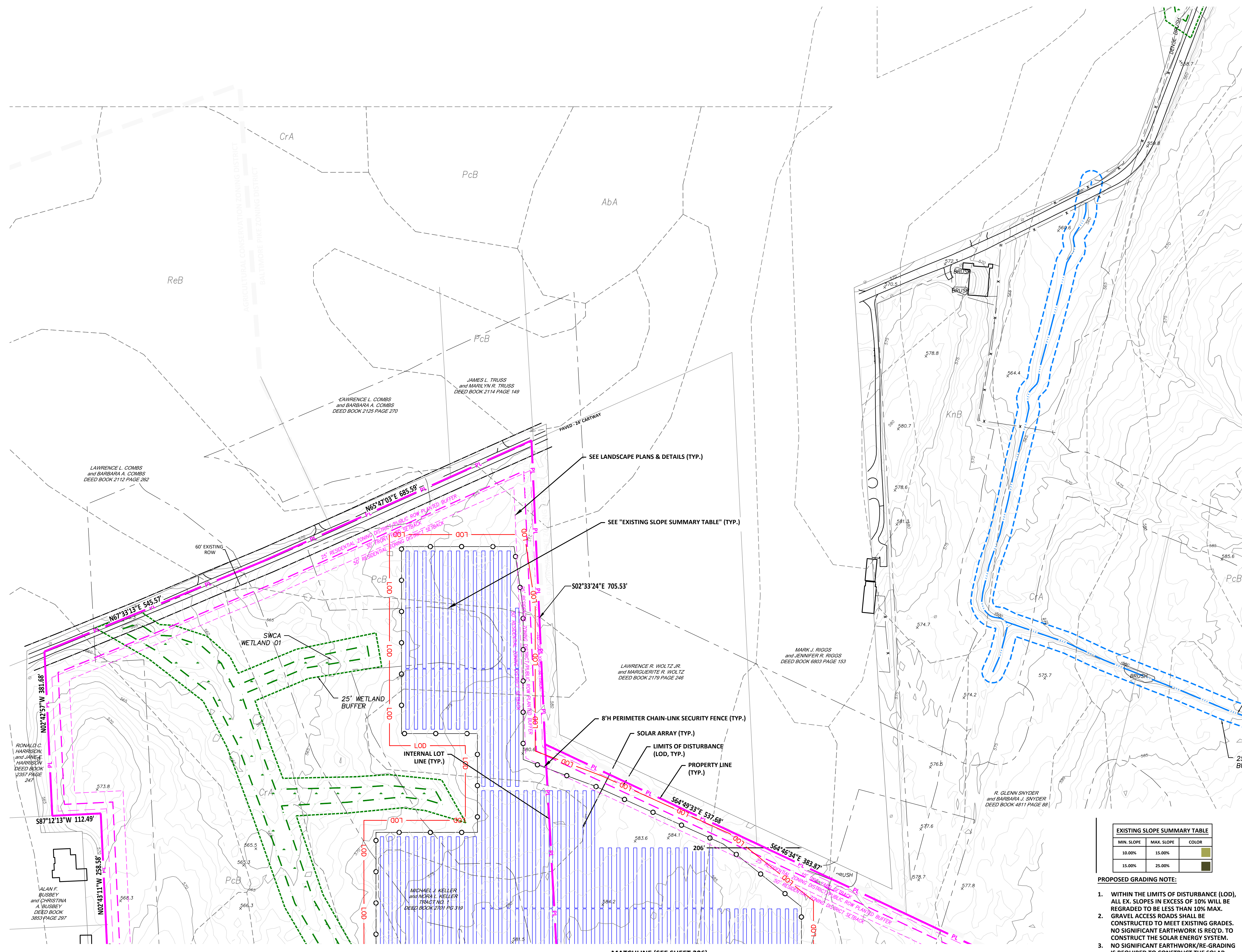
APPLICANT: BROOKVIEW SOLAR I, LLC.
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

DRAWING TITLE: PRELIMINARY LAND DEVELOPMENT PLAN
 BROOKVIEW SOLAR I, LLC.
 SOLAR PROJECT
 MT. JOY TOWNSHIP, PA

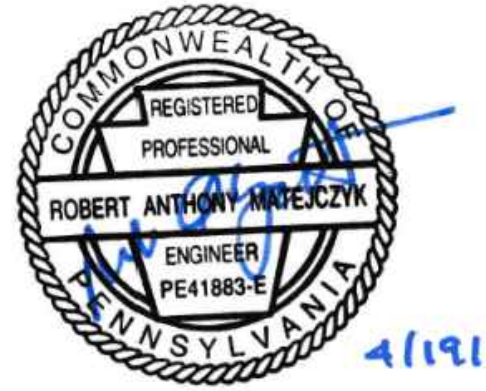
ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-204

EXISTING SLOPE SUMMARY TABLE		
MIN. SLOPE	MAX. SLOPE	COLOR
10.00%	15.00%	Light Green
15.00%	25.00%	Dark Green

- PROPOSED GRADING NOTE:**
- WITHIN THE LIMITS OF DISTURBANCE (LOD), ALL EX. SLOPES IN EXCESS OF 10% WILL BE REGRADED TO BE LESS THAN 10% MAX.
 - GRAVEL ACCESS ROADS SHALL BE CONSTRUCTED TO MEET EXISTING GRADES. NO SIGNIFICANT EARTHWORK IS REQ'D. TO CONSTRUCT THE SOLAR ENERGY SYSTEM.
 - NO SIGNIFICANT EARTHWORK/RE-GRADING IS REQUIRED TO CONSTRUCT THE SOLAR ENERGY SYSTEM.



NOTE:
 1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

TRC TRC Engineers, Inc.
 4900 Ritter Road
 Suite 240
 Mechanicsburg, PA 17055
 Tel: 717-671-6430
 www.trcsolutions.com

APPLICANT: BROOKVIEW SOLAR I, LLC.
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

**PRELIMINARY LAND DEVELOPMENT PLAN
 BROOKVIEW SOLAR I, LLC.
 SOLAR PROJECT
 MT. JOY TOWNSHIP, PA**

DRAWING TITLE:
 SITE PLAN (5)

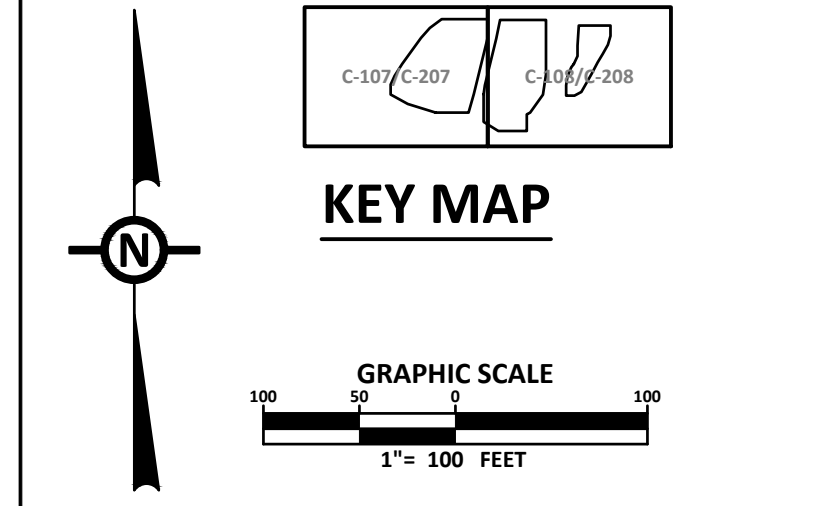
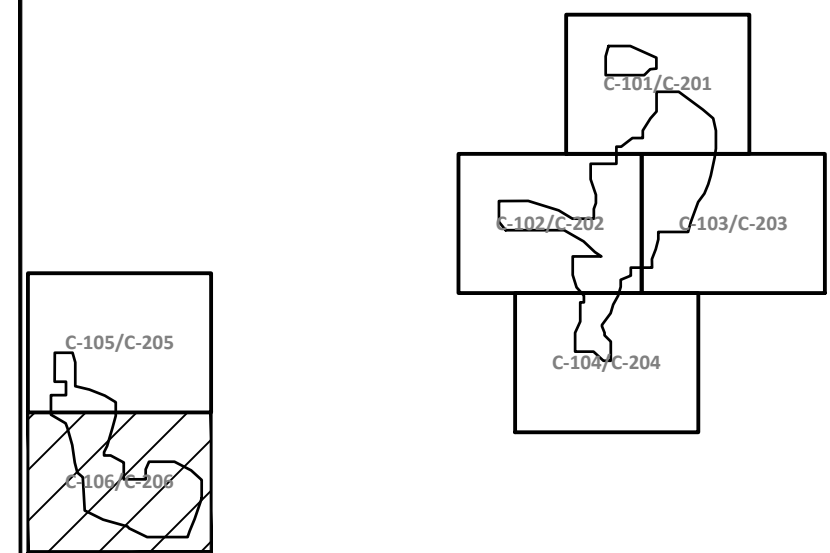
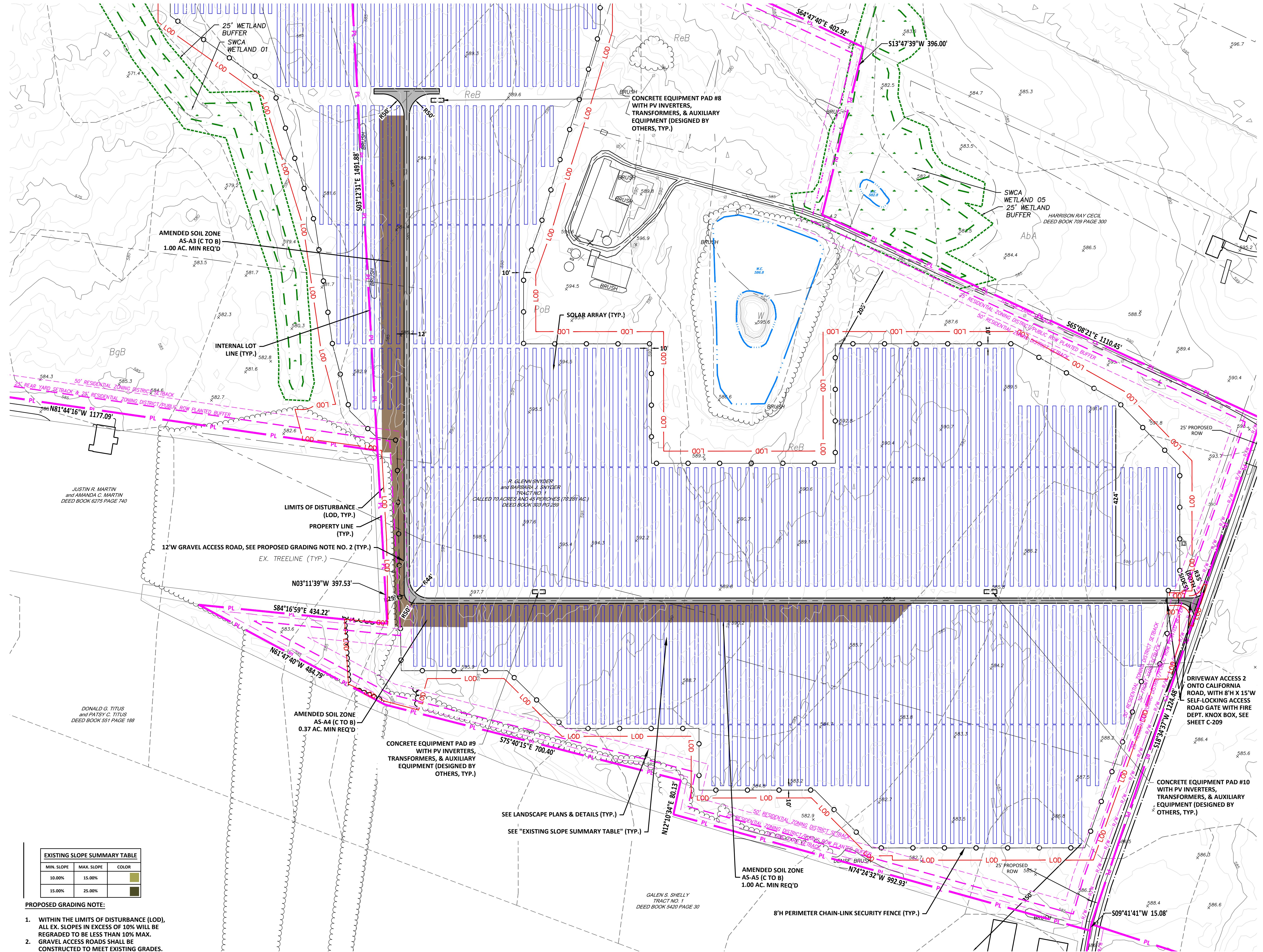
ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
DRAWING NO.:		C-205

MIN. SLOPE	MAX. SLOPE	COLOR
10.00%	15.00%	Light Green
15.00%	25.00%	Dark Green

- PROPOSED GRADING NOTE:**
- WITHIN THE LIMITS OF DISTURBANCE (LOD), ALL EX. SLOPES IN EXCESS OF 10% WILL BE REGRADED TO BE LESS THAN 10% MAX.
 - GRAVEL ACCESS ROADS SHALL BE CONSTRUCTED TO MEET EXISTING GRADES. NO SIGNIFICANT EARTHWORK IS REQ'D. TO CONSTRUCT THE SOLAR ENERGY SYSTEM.
 - NO SIGNIFICANT EARTHWORK/RE-GRADING IS REQUIRED TO CONSTRUCT THE SOLAR ENERGY SYSTEM.

MATCHLINE (SEE SHEET 206)

MATCHLINE (SEE SHEET 205)



NOTE:
1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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www.trcsolutions.com

APPLICANT: **BROOKVIEW SOLAR I, LLC.**
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA

DRAWING TITLE:
SITE PLAN (6)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-206

MIN. SLOPE	MAX. SLOPE	COLOR
10.00%	15.00%	Light Green
15.00%	25.00%	Dark Green

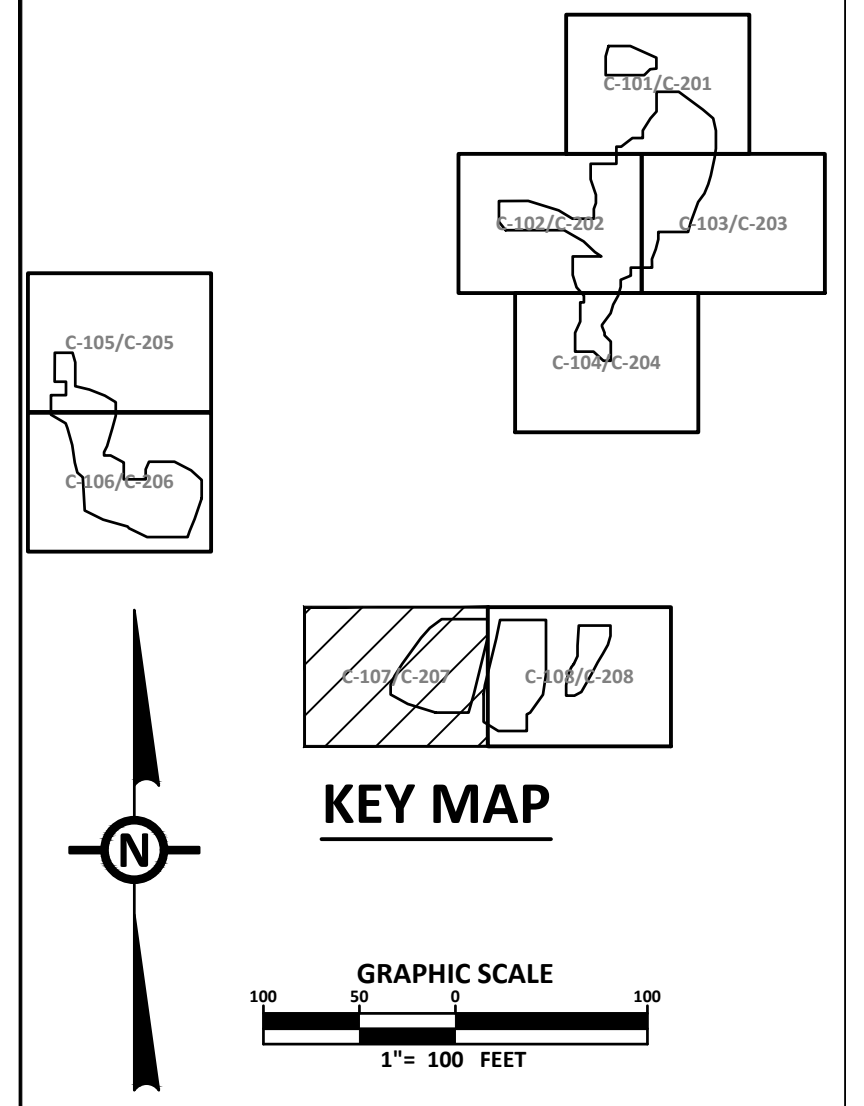
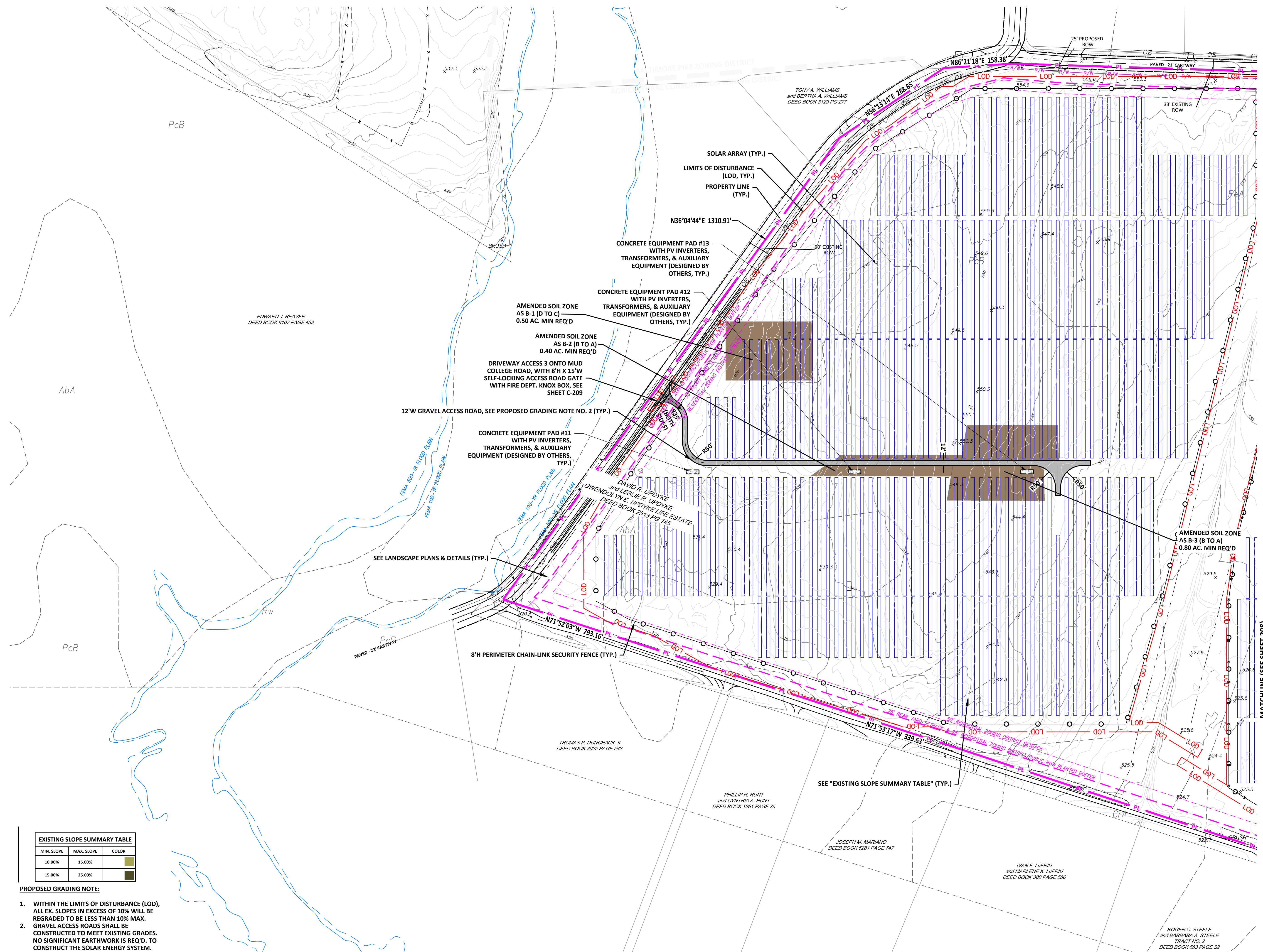
- PROPOSED GRADING NOTE:**
- WITHIN THE LIMITS OF DISTURBANCE (LOD), ALL EX. SLOPES IN EXCESS OF 10% WILL BE REGRADED TO BE LESS THAN 10% MAX. GRAVEL ACCESS ROADS SHALL BE CONSTRUCTED TO MEET EXISTING GRADES. NO SIGNIFICANT EARTHWORK IS REQ'D. TO CONSTRUCT THE SOLAR ENERGY SYSTEM.
 - NO SIGNIFICANT EARTHWORK/RE-GRADING IS REQUIRED TO CONSTRUCT THE SOLAR ENERGY SYSTEM.

JUSTIN R. MARTIN
and AMANDA C. MARTIN
DEED BOOK 6275 PAGE 740

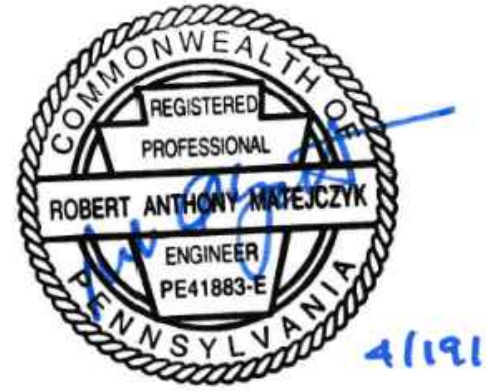
DONALD G. TITUS
and PATSY C. TITUS
DEED BOOK 551 PAGE 188

R. GLENN SNYDER
and BARBARA J. SNYDER
FRAGMENT 1
CALLED TO ACRES AND 49 PERCHES (0.281 AC.)
DEED BOOK 303 PAGE 259

GALEN S. SHELLY
TRACT AND 1
DEED BOOK 5420 PAGE 30



NOTE:
 1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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APPLICANT: **BROOKVIEW SOLAR I, LLC.**
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

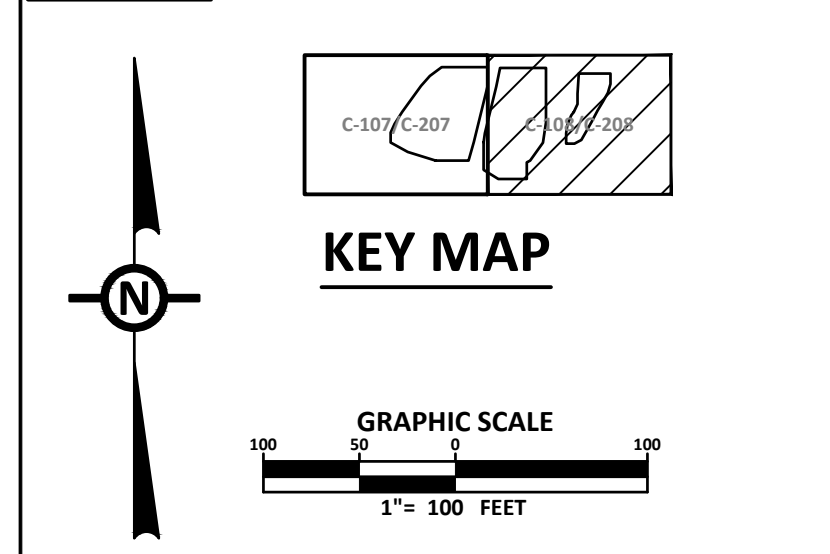
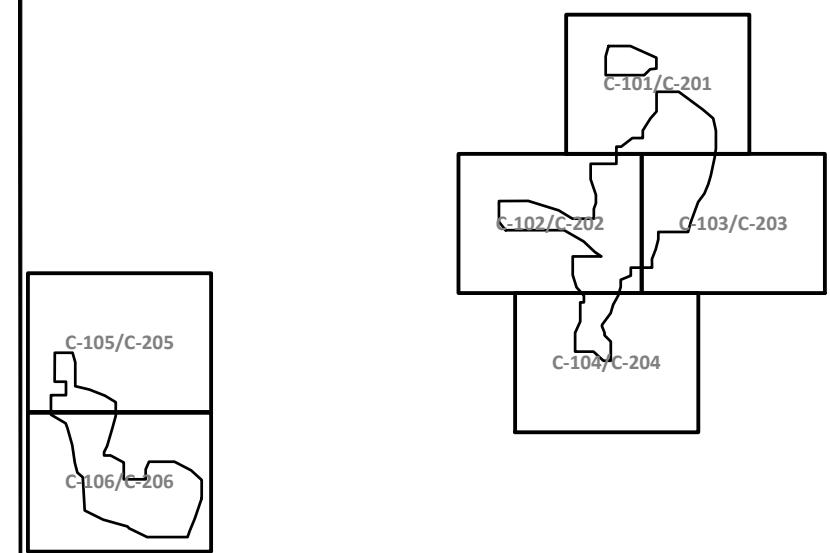
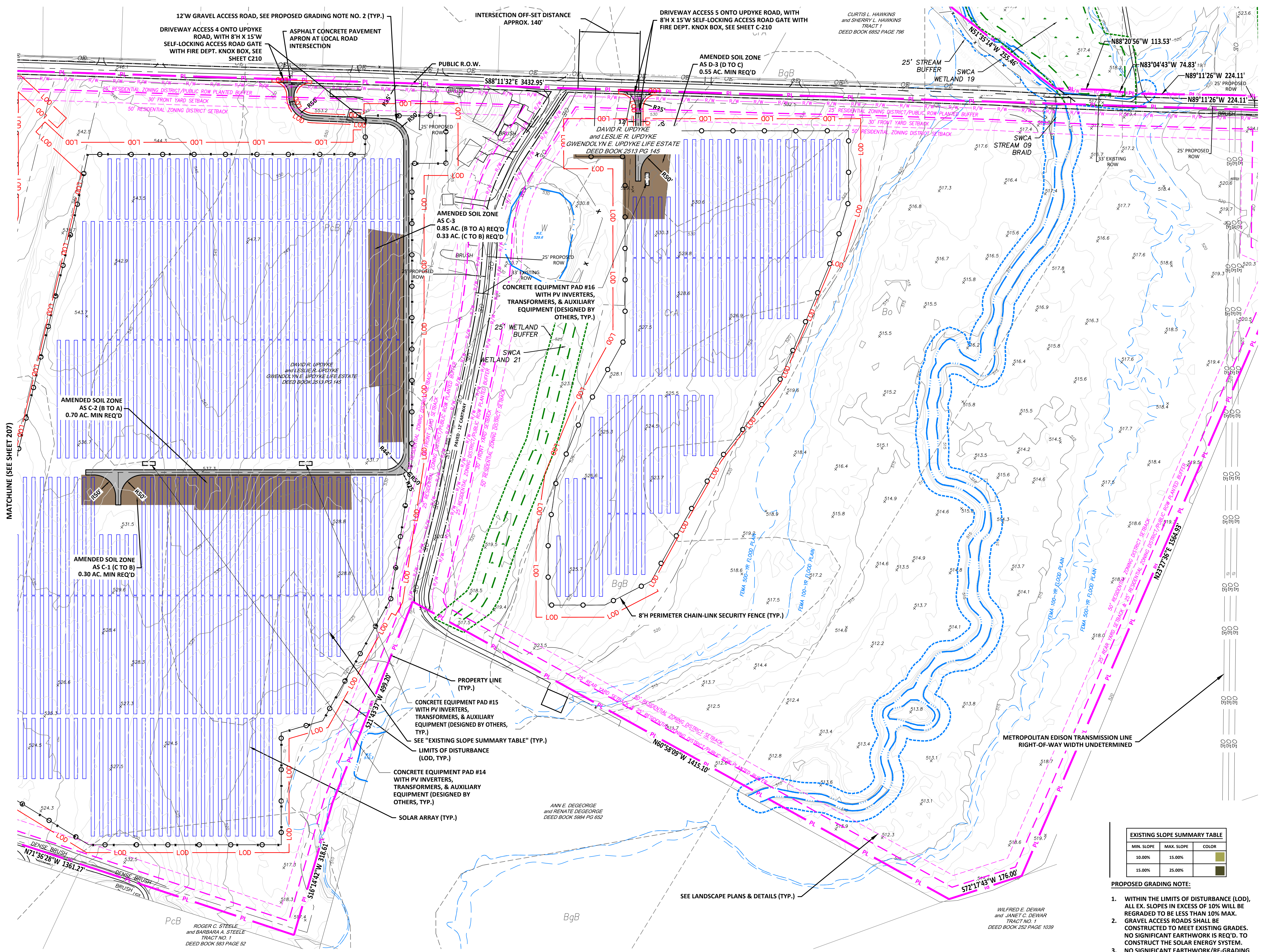
PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
 MT. JOY TOWNSHIP, PA

DRAWING TITLE:
SITE PLAN (7)

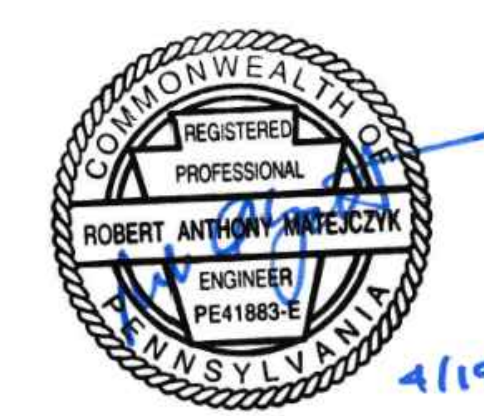
ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
DRAWING NO.:	C-207	

MIN. SLOPE	MAX. SLOPE	COLOR
10.00%	15.00%	Light Green
15.00%	25.00%	Dark Green

- PROPOSED GRADING NOTE:
1. WITHIN THE LIMITS OF DISTURBANCE (LOD), ALL EX. SLOPES IN EXCESS OF 10% WILL BE REGRADED TO BE LESS THAN 10% MAX.
 2. GRAVEL ACCESS ROADS SHALL BE CONSTRUCTED TO MEET EXISTING GRADES. NO SIGNIFICANT EARTHWORK IS REQ'D. TO CONSTRUCT THE SOLAR ENERGY SYSTEM.
 3. NO SIGNIFICANT EARTHWORK/RE-GRADING IS REQUIRED TO CONSTRUCT THE SOLAR ENERGY SYSTEM.



NOTE:
 1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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APPLICANT: **BROOKVIEW SOLAR I, LLC.**
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
 MT. JOY TOWNSHIP, PA

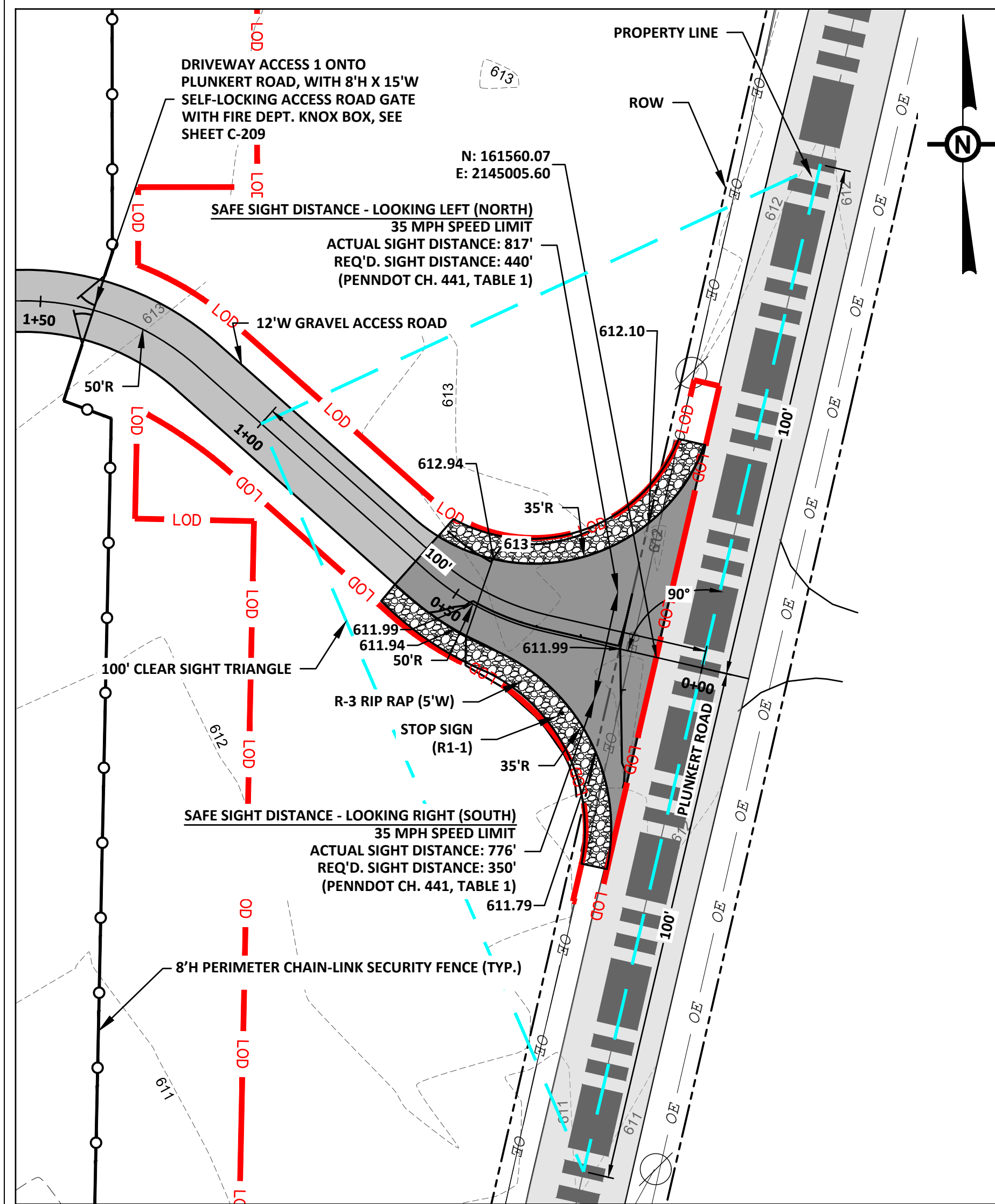
DRAWING TITLE:
SITE PLAN (8)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-208

MIN. SLOPE	MAX. SLOPE	COLOR
10.00%	15.00%	Light Green
15.00%	25.00%	Dark Green

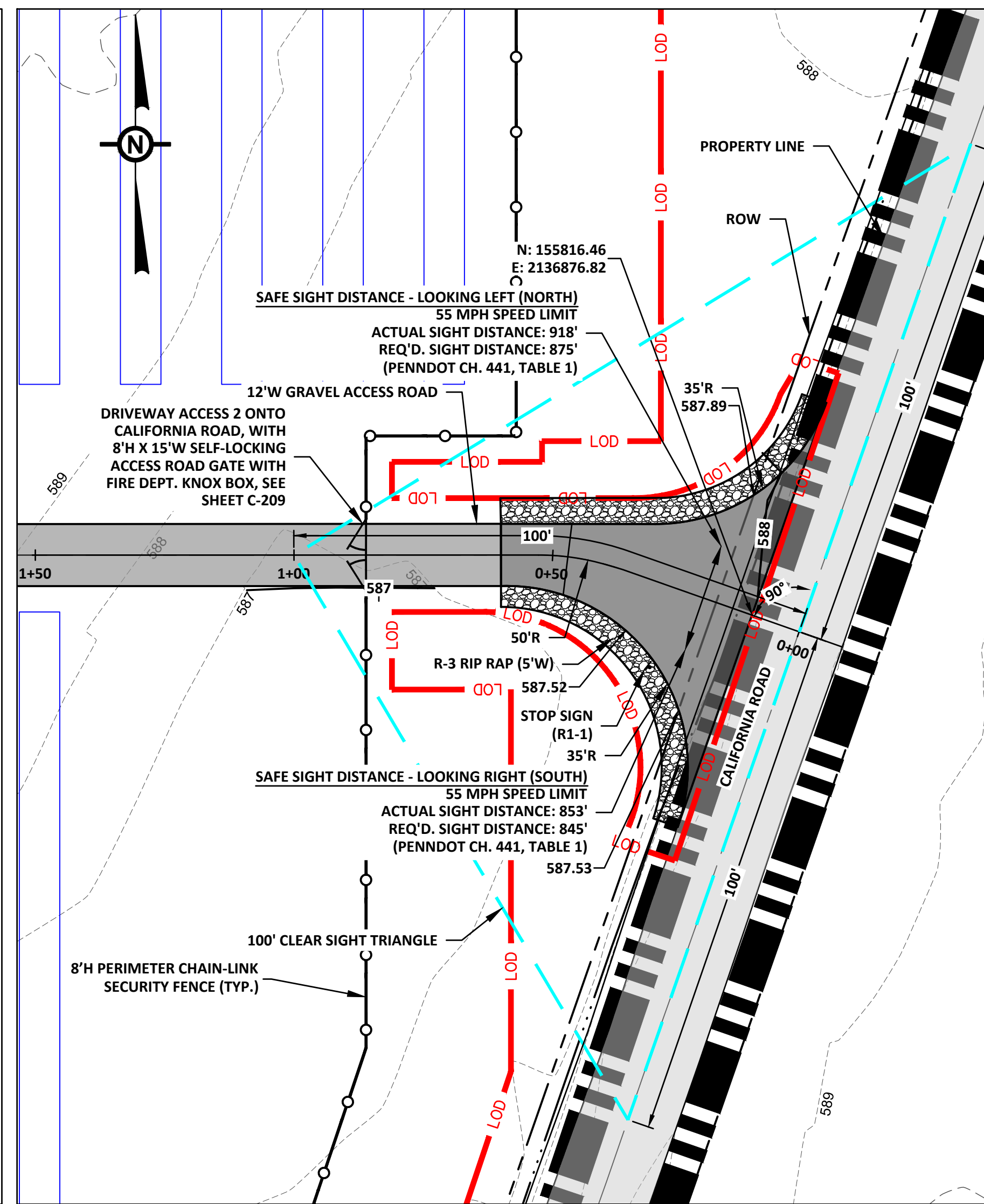
- PROPOSED GRADING NOTE:
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 - NO SIGNIFICANT EARTHWORK/RE-GRADING IS REQUIRED TO CONSTRUCT THE SOLAR ENERGY SYSTEM.

MATCHLINE (SEE SHEET 207)



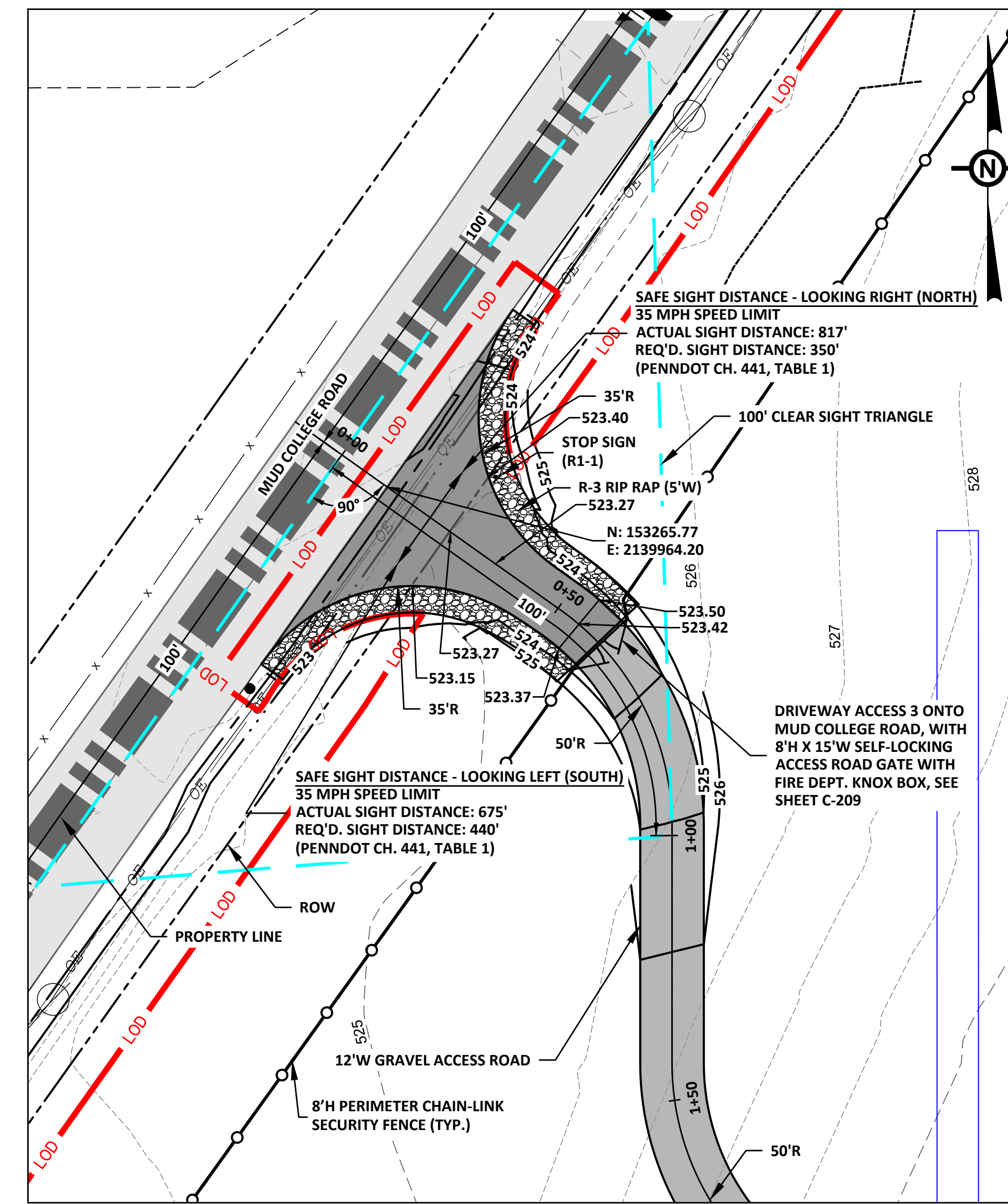
**DRIVEWAY ACCESS 1
PLUNKERT ROAD - PLAN (SEE SHEET C-201)**

SCALE: 1"=20'



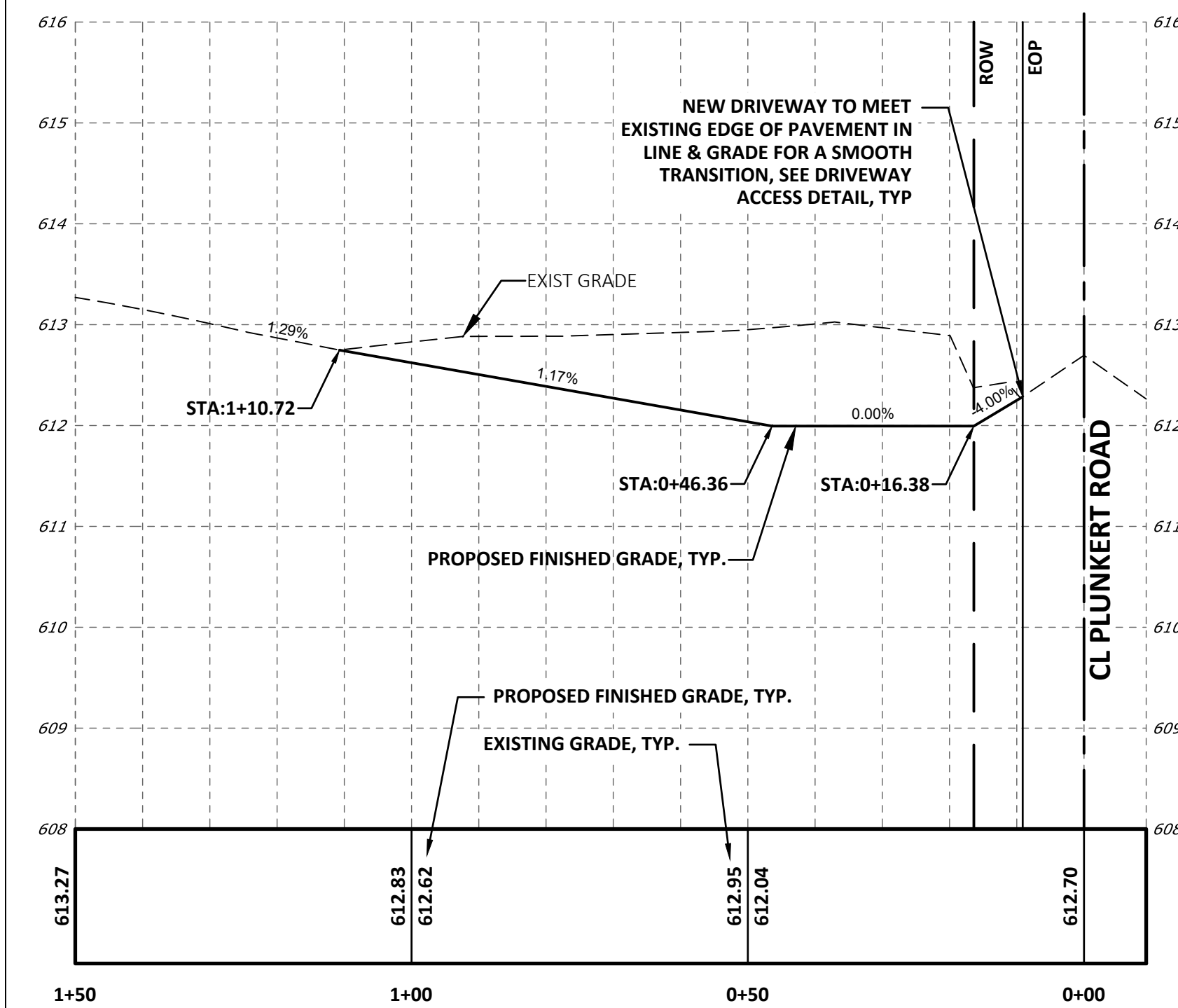
**DRIVEWAY ACCESS 2
CALIFORNIA ROAD - PLAN (SEE SHEET C-206)**

SCALE: 1"=20'



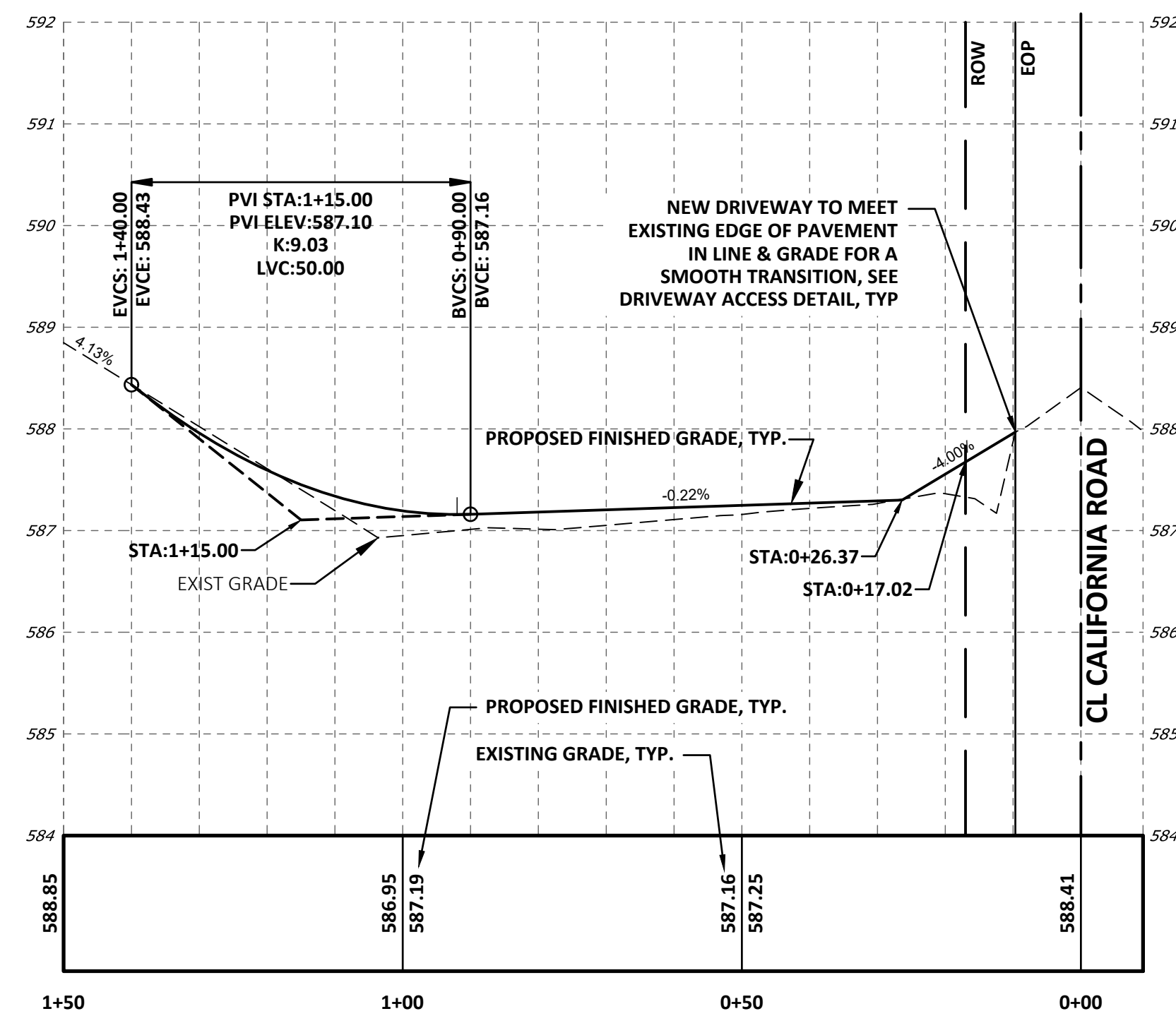
**DRIVEWAY ACCESS 3
MUD COLLEGE ROAD - PLAN (SEE SHEET C-207)**

SCALE: 1"=20'



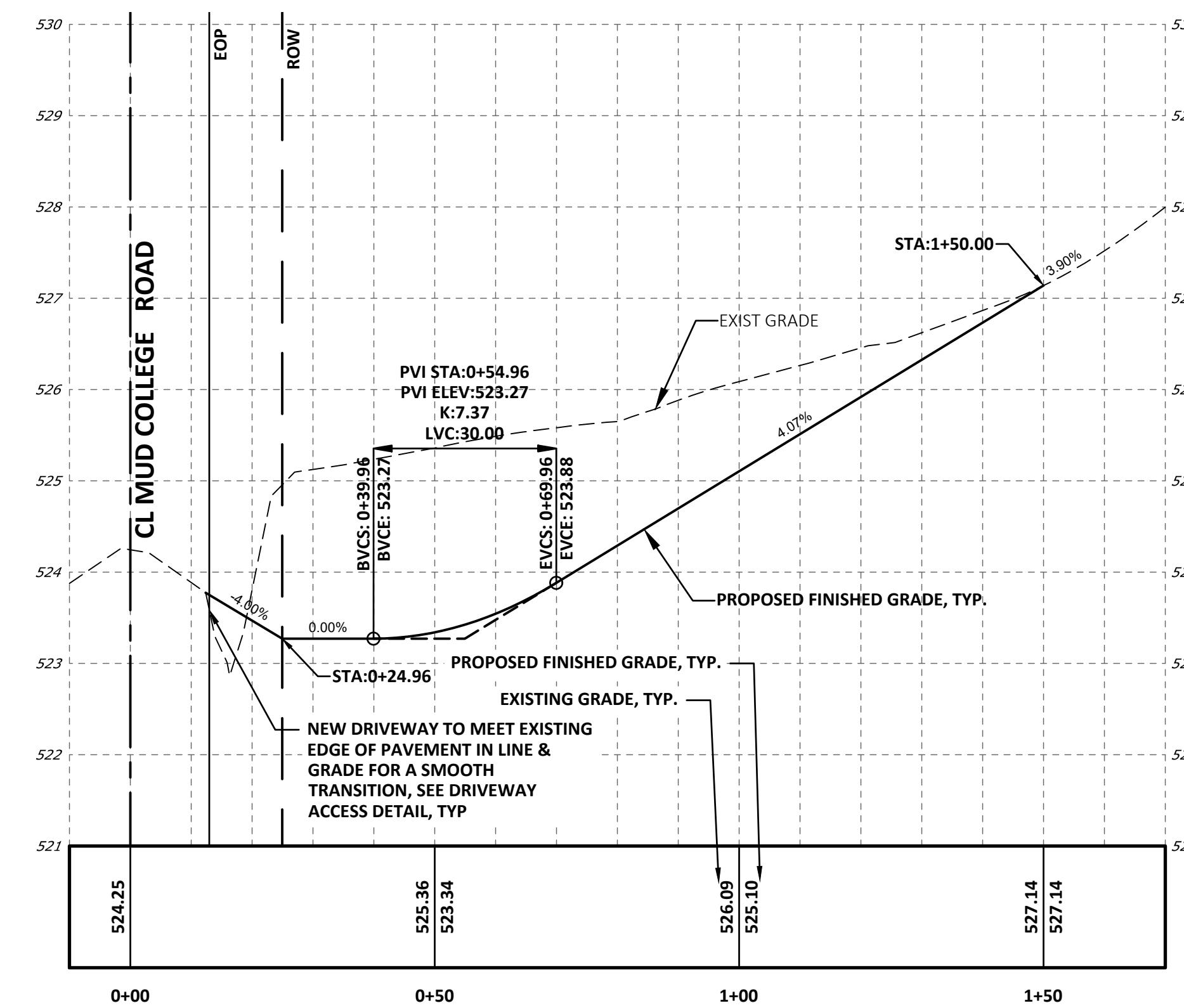
**DRIVEWAY ACCESS 1
PLUNKERT ROAD - PROFILE**

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=2'



**DRIVEWAY ACCESS 2
CALIFORNIA ROAD - PROFILE**

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=2'



**DRIVEWAY ACCESS 3
MUD COLLEGE ROAD - PROFILE**

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=2'

- NOTES:
- WITHIN THE LIMITS OF DISTURBANCE (LOD), CONTRACTOR SHALL REGRADE ALL EX. SLOPES, TO MEET THE PROPOSED CONTOURS/GRADES, AS DENOTED IN THE PROFILES. BLEND ALL PROPOSED CONTOURS/GRADES INTO THE EXISTING ADJACENT GRADES. RESTORE ALL DISTURBED GRASS SURFACES WITH THE NEW GRASS AREAS.
 - SITWORK CONTRACTOR CAN MAKE MINOR ADJUSTMENTS TO THE PROPOSED GRADING OF THE ROADS, AS NEEDED, WHERE VERTICAL SAG CURVES ARE REQ'D., TO INCREASE DRIVER COMFORT.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

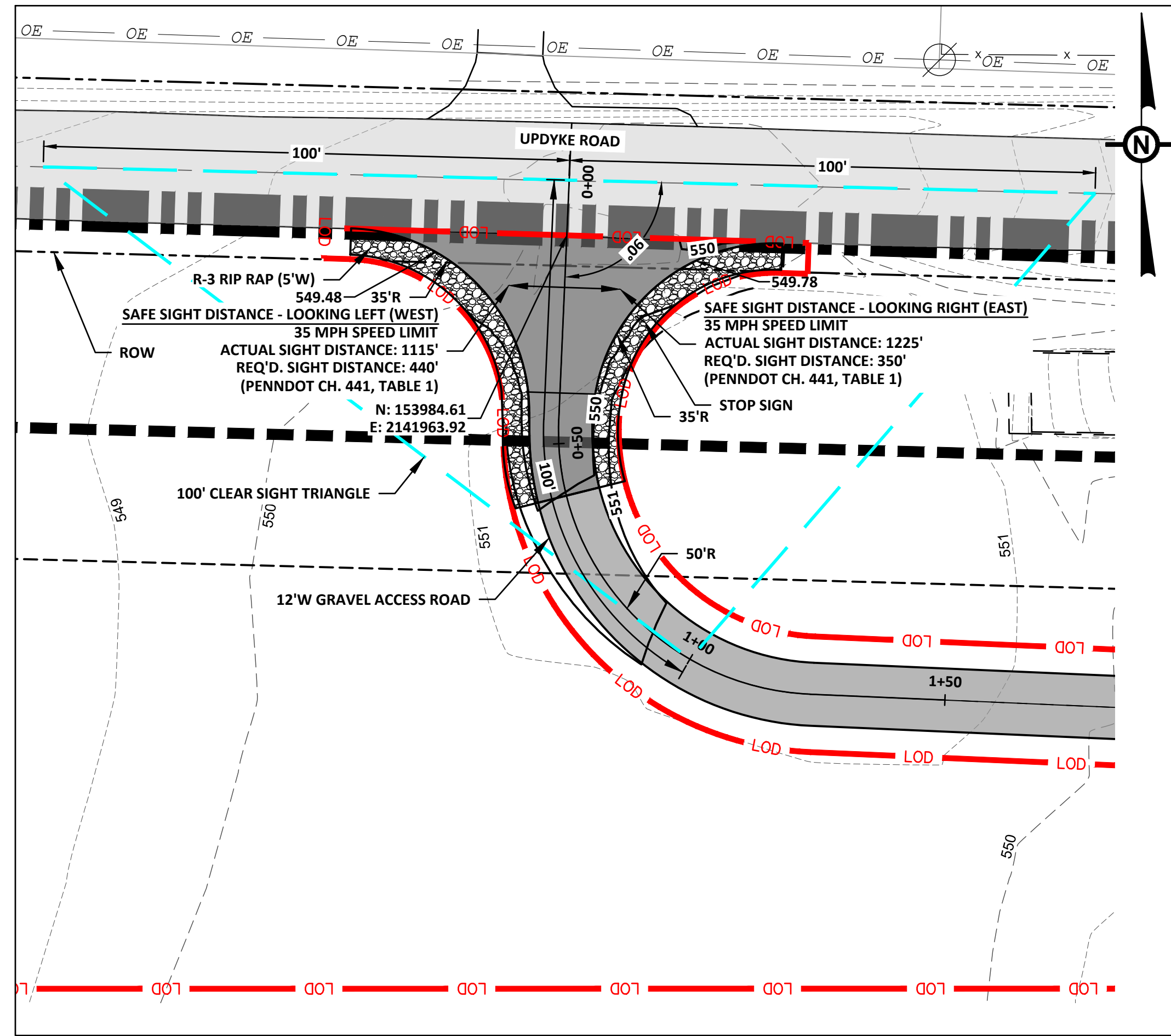


APPLICANT:
BROOKVIEW SOLAR I, LLC.
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

**PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA**

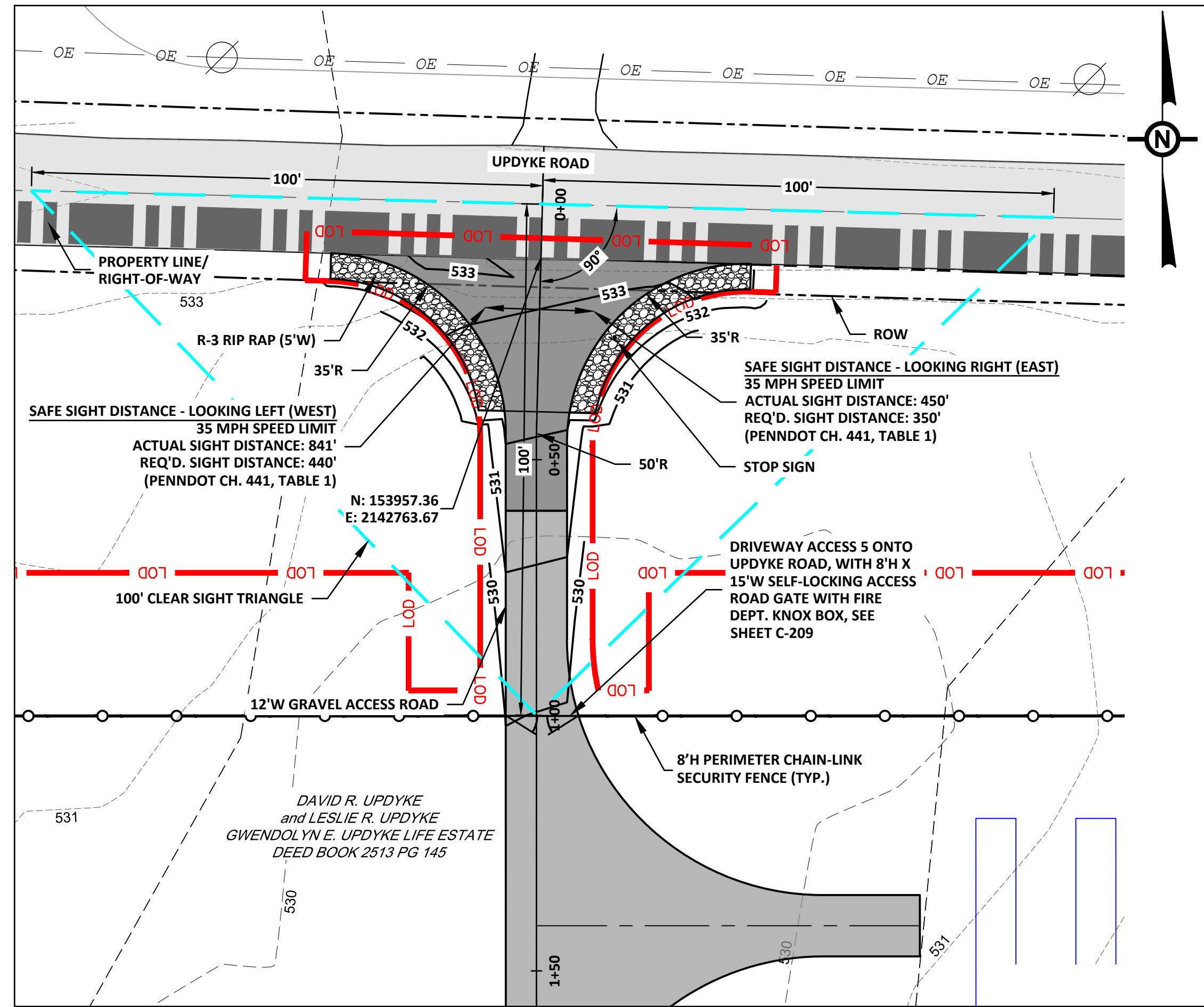
DRAWING TITLE:
DRIVEWAY PLANS
& PROFILES (1)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE: AS SHOWN
	DATE: 09/21/2021
	DRAWN BY: MKS/JUN
	CHECKED BY: RAM
	PROJECT: 434186
	DRAWING NO.: C-209



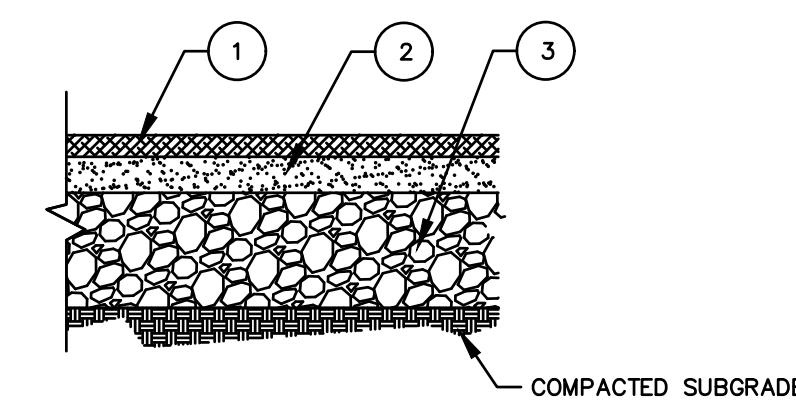
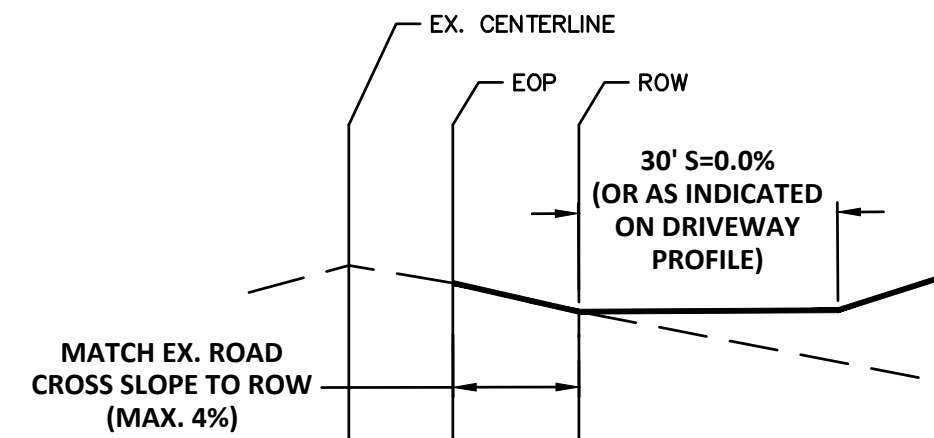
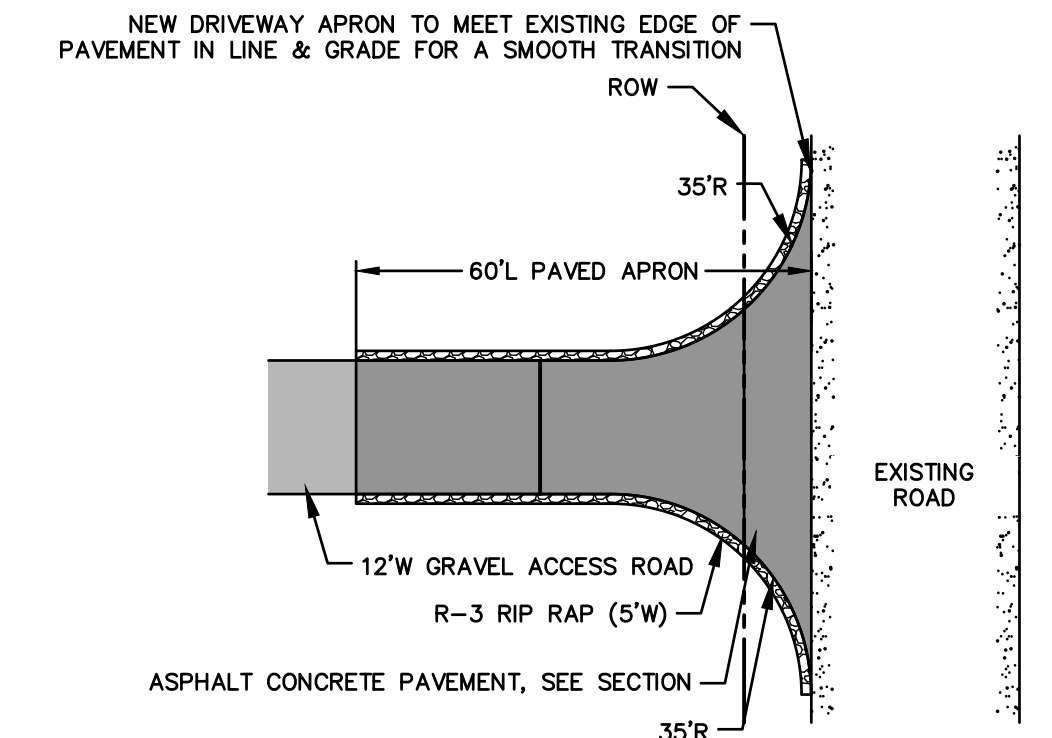
**DRIVEWAY ACCESS 4
UPDYKE ROAD - PLAN (SEE SHEET C-208)**

SCALE: 1"=20'



**DRIVEWAY ACCESS 5
UPDYKE ROAD - PLAN (SEE SHEET C-208)**

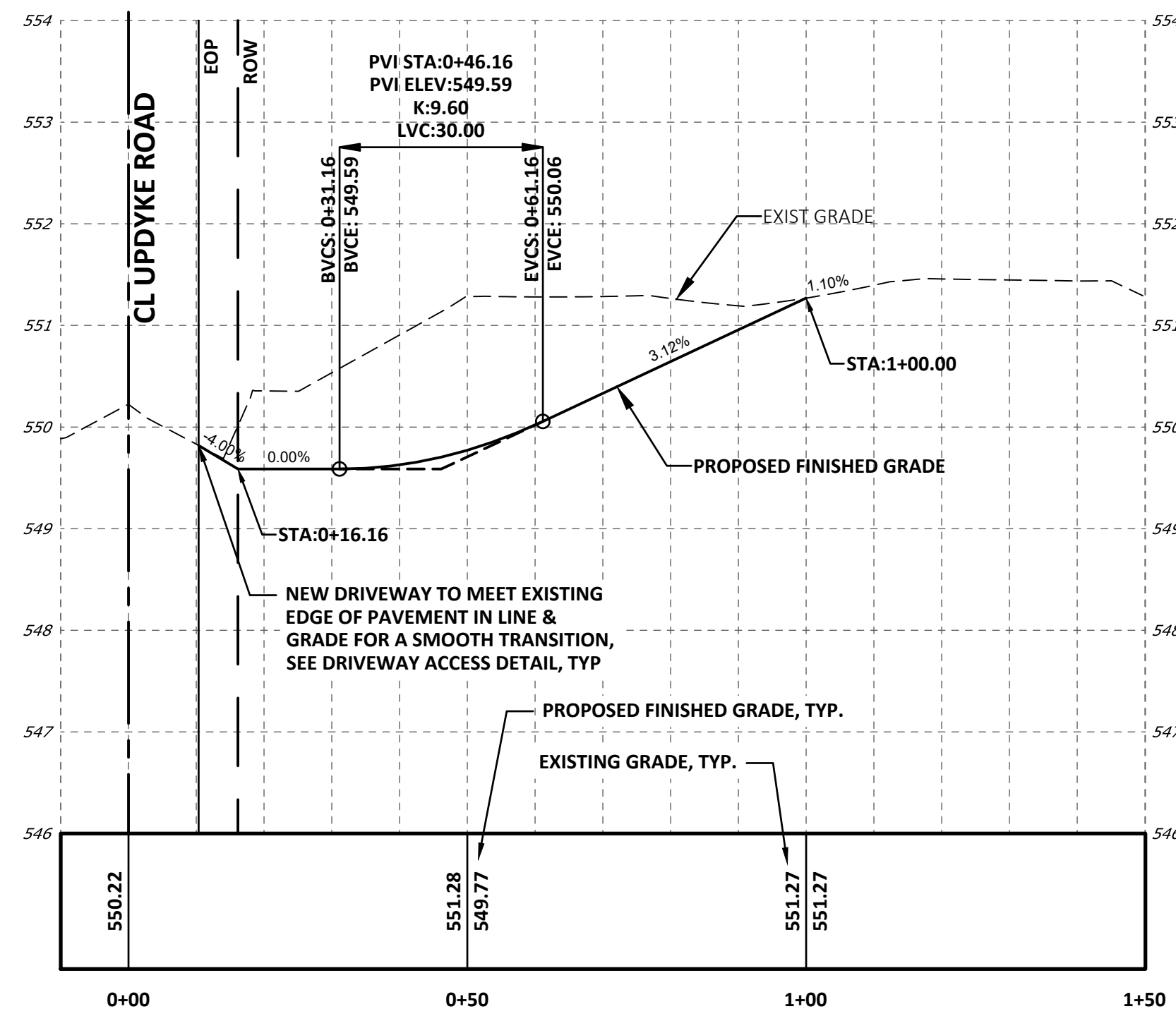
SCALE: 1"=20'



- LEGEND:**
- 1.5" PENNDOT SUPERPAVE 9.5MM WEARING COURSE.
 - 5" PENNDOT BCBC PER PENNDOT 408 SPEC.
 - 8" COMPACTED 2A STONE SUBBASE PER PENNDOT 408 SPEC.
 - AT THE TIME OF CONSTRUCTION, THE NEW DRIVEWAY IS TO BE KEVED INTO THE ROAD SHOULDER OR PAVEMENT EDGE PER PENNDOT CONSTRUCTION SPECIFICATIONS.

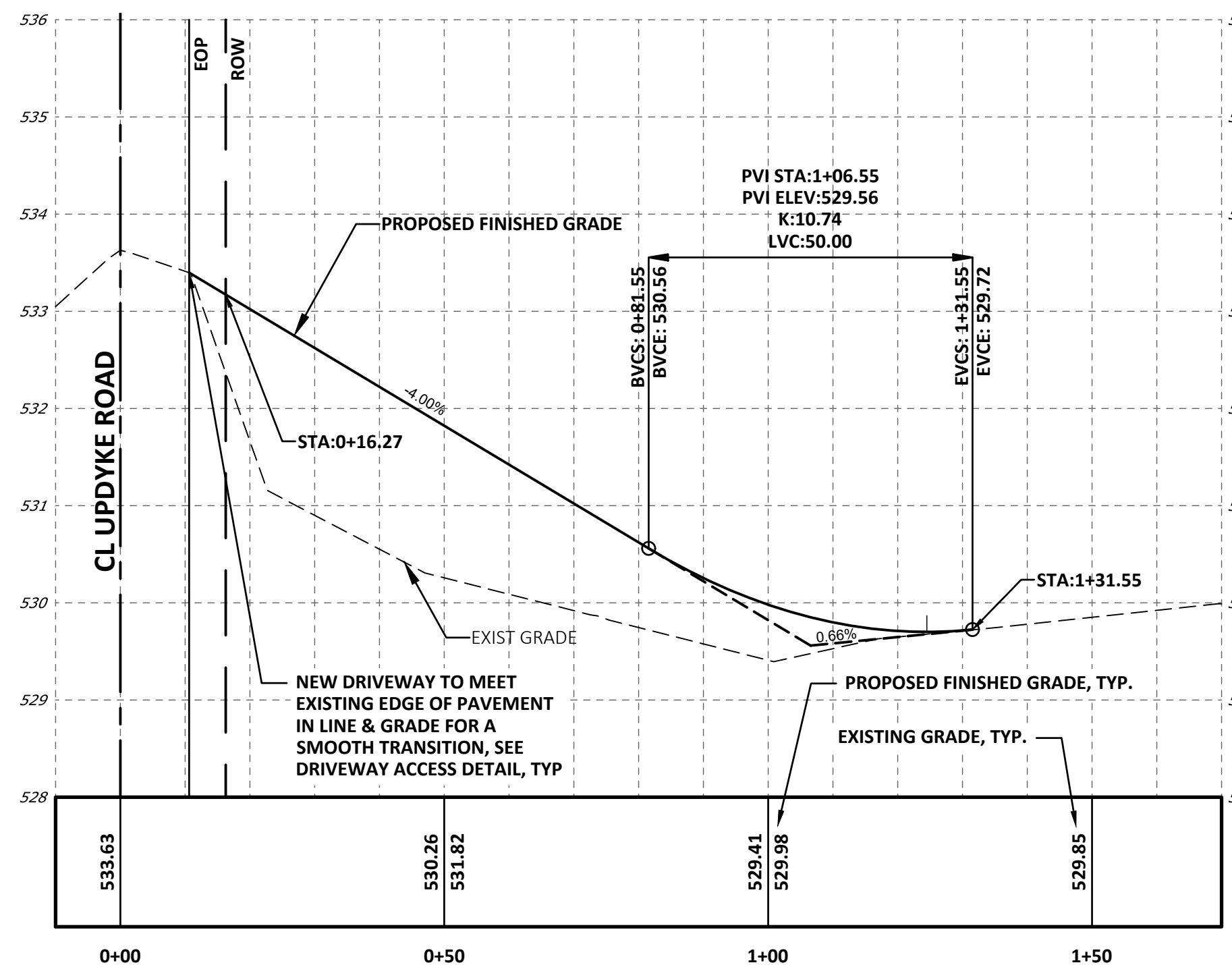
NOTES:

- WITHIN THE LIMITS OF DISTURBANCE (LOD), CONTRACTOR SHALL REGRADE ALL EX. SLOPES, TO MEET THE PROPOSED CONTOURS/GRADES, AS DENOTED IN THE PROFILES. BLEND ALL PROPOSED CONTOURS/GRADES INTO THE EXISTING ADJACENT GRADES. RESTORE ALL DISTURBED GRASS SURFACES WITH THE NEW GRASS AREAS.
- SITWORK CONTRACTOR CAN MAKE MINOR ADJUSTMENTS TO THE PROPOSED GRADING OF THE ROADS, AS NEEDED, WHERE VERTICAL SAG CURVES ARE REQ'D., TO INCREASE DRIVER COMFORT.



**DRIVEWAY ACCESS 4
UPDYKE ROAD - PROFILE**

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=2'



**DRIVEWAY ACCESS 5
UPDYKE ROAD - PROFILE**

HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=2'

DRIVEWAY ACCESS DETAILS

NOT TO SCALE

Table 1—Safe Sight Distance for passenger cars and single unit trucks exiting from driveways onto two-lane roads.

Posted Speed (mph)	Safe Sight Distance—Left ¹ (feet)	Safe Sight Distance—Right ¹ (feet)
25	250	195
35	440	350
45	635	570
55	845	875

¹ Measured from a vehicle ten feet back of the pavement edge.

PENNDOT CHAPTER 441, SEC. 441.8 SIGHT DISTANCE REQUIREMENTS

NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

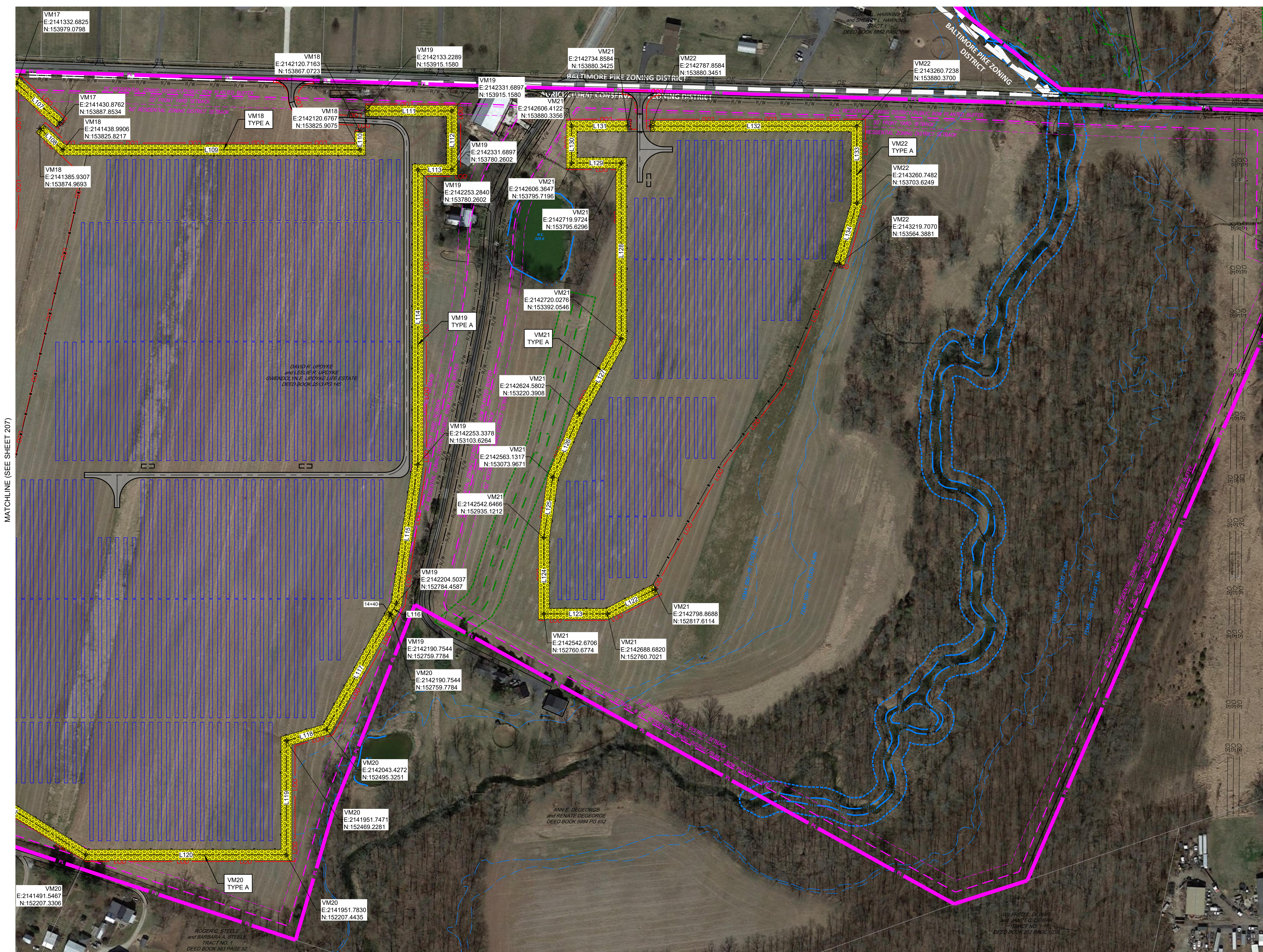


APPLICANT: BROOKVIEW SOLAR I, LLC.
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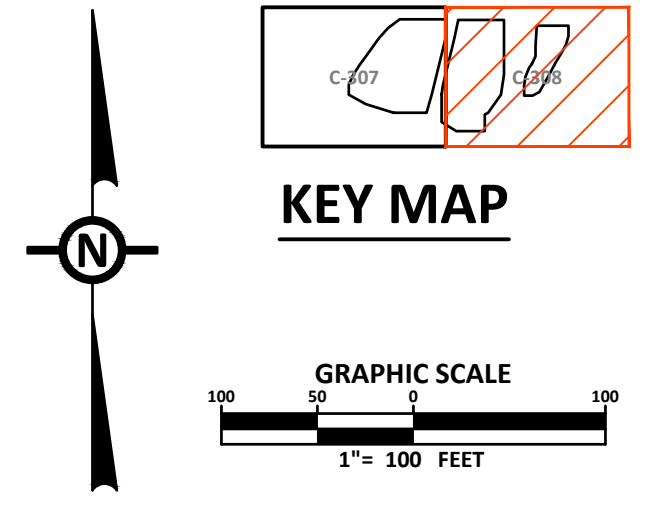
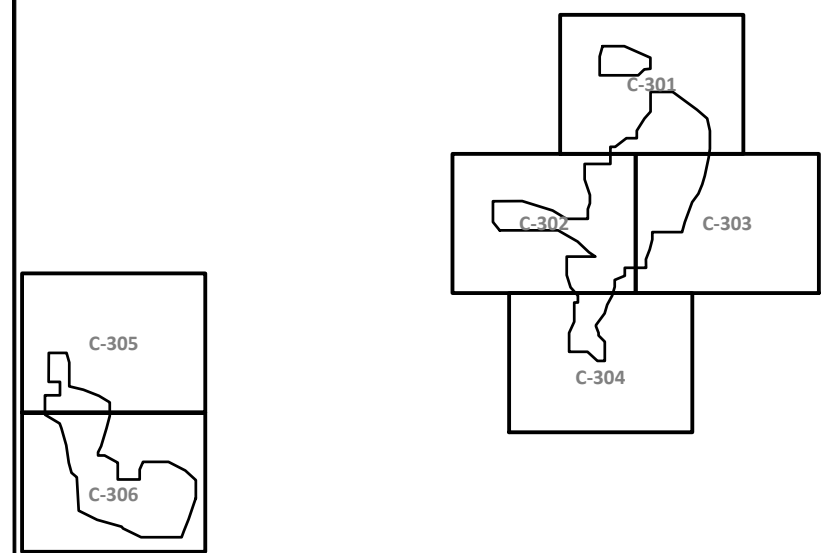
**PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA**

**DRAWING TITLE:
DRIVEWAY PLANS
& PROFILES (2)**

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	AS SHOWN
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
DRAWING NO.:		C-210



MATCHLINE (SEE SHEET 207)



LEGEND

PROPOSED LANDSCAPING FEATURES	
	VISUAL MITIGATION TYPE A: VM-17 (END), VM-18, VM-19, V-20 (START), VM-21, VM-22
	VISUAL MITIGATION TYPE B: NONE

LANDSCAPING NOTES:

- SEE LANDSCAPE NOTES & DETAILS SHEETS C-502 TO C-506 FOR GENERAL LANDSCAPE AND SEEDING NOTES; GRASS SEED MIXES; PLANTING DETAILS, TEMPLATES, AND SCHEDULES; AND COORDINATE VEGETATIVE BUFFER / SCREENING MITIGATION TABLES.
- SEE SHEET C-003 FOR THE OVERALL SITE PLAN AND SHEET LAYOUT.



NO.	REVISION	DATE
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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Mechanicsburg, PA 17055
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700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA

DRAWING TITLE:
LANDSCAPE PLAN (8)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	1"=100'
	DATE:	02/15/2022
	DRAWN BY:	GMT/MJR
	CHECKED BY:	MJR
	PROJECT:	434186
	DRAWING NO.:	C-308

SOIL AMENDMENT & RESTORATION NOTES (PER PENN. STORMWATER BEST MANAGEMENT PRACTICES MANUAL BMP 6.7.3):

CONSTRUCTION SEQUENCE:

1. ALL CONSTRUCTION SHOULD BE COMPLETED AND STABILIZED BEFORE BEGINNING SOIL AMENDMENT/RESTORATION.

MAINTENANCE ISSUES:

THE SOILS RESTORATION PROCESS MAY NEED TO BE REPEATED OVER TIME, DUE TO COMPACTION BY USE AND/OR SETTLING.

SPECIFICATIONS:

1. SCOPE

- A. THIS SPECIFICATION COVERS THE USE OF COMPOST FOR SOIL AMENDMENT AND THE MECHANICAL RESTORATION OF COMPACTED, ERODED AND NON-VEGETATED SOILS. SOIL AMENDMENT AND RESTORATION IS NECESSARY WHERE EXISTING SOIL HAS BEEN DEEMED UNHEALTHY IN ORDER TO RESTORE SOIL STRUCTURE AND FUNCTION, INCREASE INFILTRATION POTENTIAL, AND SUPPORT HEALTHY VEGETATIVE COMMUNITIES.
- B. SOIL AMENDMENT PREVENTS AND CONTROLS EROSION BY ENHANCING THE SOIL SURFACE TO PREVENT THE INITIAL DETACHMENT AND TRANSPORT OF SOIL PARTICLES.

2. COMPOST MATERIALS

- A. COMPOST PRODUCTS SPECIFIED FOR USE IN THIS APPLICATION ARE DESCRIBED IN TABLE 1. THE PRODUCT'S PARAMETERS WILL VARY BASED ON WHETHER VEGETATION WILL BE ESTABLISHED ON THE TREATED SLOPE.
- B. ONLY COMPOST PRODUCTS THAT MEET ALL APPLICABLE STATE AND FEDERAL REGULATIONS PERTAINING TO ITS PRODUCTION AND DISTRIBUTION MAY BE USED IN THIS APPLICATION. APPROVED COMPOST PRODUCTS MUST MEET RELATED STATE AND FEDERAL CHEMICAL CONTAMINANT (E.G., HEAVY METALS, PESTICIDES, ETC.) AND PATHOGEN LIMIT STANDARDS PERTAINING TO THE FEEDSTOCKS (SOURCE MATERIALS) IN WHICH IT IS DERIVED.
- C. VERY COARSE COMPOST SHOULD BE AVOIDED FOR SOIL AMENDMENT AS IT WILL MAKE PLANTING AND CROP ESTABLISHMENT MORE DIFFICULT.
- D. NOTE 1 - SPECIFYING THE USE OF COMPOST PRODUCTS THAT ARE CERTIFIED BY THE U.S. COMPOSTING COUNCIL'S SEAL OF TESTING (STA) PROGRAM (WWW.COMPOSTINGCOUNCIL.ORG) WILL ALLOW FOR THE ACQUISITION OF PRODUCTS THAT ARE ANALYZED ON A ROUTINE BASIS, USING THE SPECIFIED TEST METHODS. STA PARTICIPANTS ARE ALSO REQUIRED TO PROVIDE A STANDARD PRODUCT LABEL TO ALL CUSTOMERS, ALLOWING EASY COMPARISON TO OTHER PRODUCTS.

3. SUB-SOILING TO RELIEVE COMPACTION

- A. BEFORE THE TIME THE COMPOST IS PLACED AND PREFERABLY WHEN EXCAVATION IS COMPLETED, THE SUBSOIL SHALL BE IN A LOOSE, FRIABLE CONDITION TO A DEPTH OF 8 INCHES BELOW FINAL TOPSOIL GRADE AND THERE SHALL BE NO EROSION RILLS OR WASHOUTS IN THE SUBSOIL SURFACE EXCEEDING 3 INCHES IN DEPTH.
- B. TO ACHIEVE THIS CONDITION, SUB-SOILING, RIPPING OR SCARIFICATION OF THE SUBSOIL WILL BE REQUIRED AS DIRECTED BY THE OWNER'S REPRESENTATIVE, WHERE THE SUBSOIL HAS BEEN COMPACTED BY EQUIPMENT OPERATION OR HAS BECOME DRIED OUT AND CRUSTED, AND WHERE NECESSARY TO OBLITERATE EROSION RILLS. SUB-SOILING SHALL BE REQUIRED TO REDUCE SOIL COMPACTION IN ALL AREAS WHERE PLANT ESTABLISHMENT IS PLANNED. SUB-SOILING SHALL BE PERFORMED BY THE PRIME OR EXCAVATING CONTRACTOR AND SHALL OCCUR BEFORE COMPOST PLACEMENT.
- C. SUBSOILED AREAS SHALL BE LOOSENEED TO LESS THAN 1400 KPA (200 PSF) TO A DEPTH OF 8 INCHES BELOW FINAL TOPSOIL GRADE. WHEN DIRECTED BY THE OWNER'S REPRESENTATIVE, THE CONTRACTOR SHALL VERIFY THAT THE SUB-SOILING WORK CONFORMS TO THE SPECIFIED DEPTH.
- D. SUB-SOILING SHALL FORM A TWO-DIRECTIONAL GRID. CHANNELS SHALL BE CREATED BY A COMMERCIALY AVAILABLE, MULTI-SHANKED, PARALLEL GRAM IMPLEMENT (SOLID-SHANK RIPPER). THE EQUIPMENT SHALL BE CAPABLE OF EXERTING A PENETRATION FORCE NECESSARY FOR THE SITE. NO DISC CULTIVATORS CHISEL PLOWS, OR SPRING-LOADED EQUIPMENT WILL BE ALLOWED. THE GRID CHANNELS SHALL BE SPACED A MINIMUM OF 12 INCHES TO A MAXIMUM OF 36 INCHES APART, DEPENDING ON EQUIPMENT, SITE CONDITIONS AND THE SOIL MANAGEMENT PLAN. THE CHANNEL DEPTH SHALL BE A MINIMUM OF 8 INCHES OR AS SPECIFIED IN THE SOIL MANAGEMENT PLAN. IF SOILS ARE SATURATED, THE CONTRACTOR SHALL DELAY OPERATIONS UNTIL THE SOIL WILL NOT HOLD A BALL WHEN SQUEEZED. ONLY ONE PASS SHALL BE PERFORMED ON ERODIBLE SLOPES GREATER THAN 1 VERTICAL, TO 3 HORIZONTAL. WHEN ONLY ONE PASS IS USED, WORK SHOULD BE AT RIGHT ANGLES TO THE DIRECTION OF SURFACE DRAINAGE, WHENEVER PRACTICAL.
- E. EXCEPTIONS TO SUB-SOILING INCLUDE AREAS WITHIN THE DRIP LINE OF ANY EXISTING TREES, OVER UTILITY INSTALLATIONS WITHIN 30 INCHES OF THE SURFACE, WHERE TRENCHING/DRAINAGE LINES ARE INSTALLED, WHERE COMPACTION IS BY DESIGN (ABUTMENTS, FOOTINGS, OR IN SLOPES), AND ON INACCESSIBLE SLOPES, AS APPROVED BY THE OWNER'S REPRESENTATIVE. IN CASES WHERE EXCEPTIONS OCCUR, THE CONTRACTOR SHALL OBSERVE A MINIMUM SETBACK OF 20 FEET OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. ARCHEOLOGICAL CLEARANCES MAY BE REQUIRED IN SOME INSTANCES.

4. COMPOST SOIL AMENDMENT QUALITY

- A. THE FINAL, RESULTING COMPOST SOIL AMENDMENT MUST MEET ALL OF THE MANDATORY CRITERIA IN TABLE 4.

5. COMPOST SOIL AMENDMENT INSTALLATION

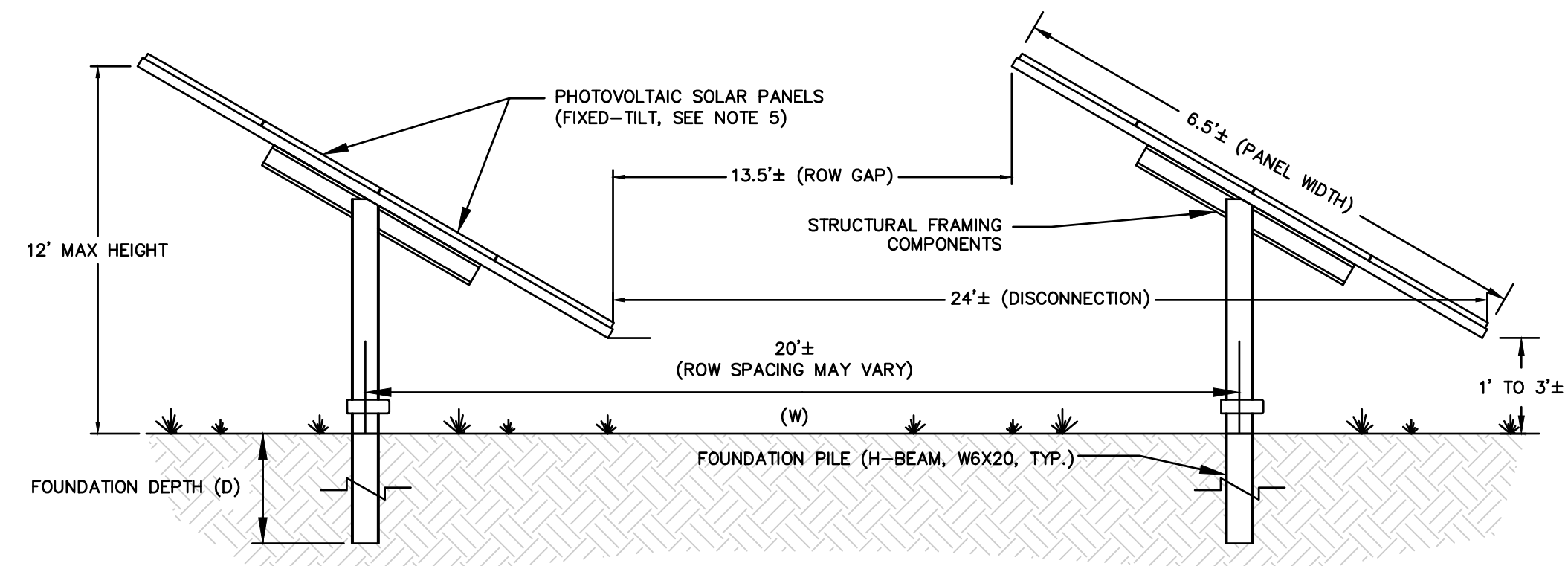
- A. SPREAD 2-3 INCHES OF APPROVED COMPOST ON EXISTING SOIL. TILL ADDED SOIL INTO EXISTING SOIL WITH A ROTARY TILLER THAT IS SET TO A DEPTH OF 8 INCHES. ADD AN ADDITIONAL 4 INCHES OF APPROVED COMPOST TO BRING THE AREA UP TO GRADE.
- B. AFTER PERMANENT PLANTING/SEEDING, 2-3 INCHES OF COMPOST BLANKET WILL BE APPLIED TO ALL AREAS NOT PROTECTED BY GRASS OR OTHER PLANTS.
- C. SUB-SOILING SHOULD NOT BE PERFORMED WITH COMMON TILLAGE TOOLS SUCH AS A DISK OR CHISEL PLOW BECAUSE THEY ARE TOO SHALLOW AND CAN COMPACT THE SOIL JUST BENEATH THE TILLAGE DEPTH. SEE CONSTRUCTION DETAIL, INCLUDED HEREIN.

6. OPERATION AND MAINTENANCE PROCEDURES

LANDSCAPE RESTORATION (BMP 6.7.2) AND SOIL AMENDMENTS (BMP 6.7.3):

- INSPECT FOR DAMAGE DURING ESTABLISHMENT OF VEGETATION AND CORRECT, AS NECESSARY, (WITHIN 24 HOURS AFTER RAIN EVENTS >1", DURING YEAR 1) A VISUAL INSPECTION SHALL OCCUR TO IDENTIFY ANY AREAS PRONE TO RILL OR GULLY EROSION OR SEDIMENT DEPOSIT.
- INSPECT AREAS FOR DAMAGE FROM VEHICULAR TRAFFIC, ACCUMULATION OF DEBRIS, CHANNELIZATION, AND LOW DENSITY OF VEGETATION. (QUARTERLY BASIS DURING YEARS 2 AND 3, BI-ANNUALLY THEREAFTER).
- ANY AREAS SUBJECT TO EROSION OR SEDIMENT DEPOSIT SHALL BE REPAIRED IMMEDIATELY. THE AREAS SHALL BE RE-GRADED OR SCARIFIED TO THE ORIGINAL GRADE AND STABILIZED WITH SEEDING, MULCHING, AND EROSION CONTROL MATTING. TOPSOIL AND SOIL SUPPLEMENTS MAY BE NECESSARY TO ENSURE THAT GOOD VEGETATIVE GROWTH IS POSSIBLE.
- IF VEGETATIVE COVER FAILS TO ESTABLISH, AN ALTERNATE SPECIES MIX SHOULD BE SELECTED. VEGETATIVE COVER SHOULD BE SUSTAINED AT 90% MINIMUM COVERAGE.
- VEGETATED AREAS SHALL BE INSPECTED FOR UNWANTED/INVASIVE SPECIES ON A SEMI-ANNUAL BASIS; ANY UNWANTED/INVASIVE SPECIES SHALL BE REMOVED, AND THE AREA SHALL BE RE-SEEDING WITH MEADOW PLANTING MIX. THE VEGETATION WILL BE MOWED AS NEEDED TO A HEIGHT OF NOT LESS THAN 4" AS TO NOT ALLOW THE VEGETATION TO OVERTHROW THE PANELS. LITTER, DEBRIS, EXCESSIVE GRASS CLIPPINGS, ETC. SHALL BE REMOVED.

SOILS TABLE*					
Soil Series	Soil ID	Slope Range (%)	Hydrologic Soil Group (HSG)	Depth to Bedrock (in)	Seasonal High Water Table Depth (in)
AbA	Abbottstown silt loam	0-3	D	48"-58"	24"-72"
AbB	Abbottstown silt loam	3-8	D	48"-58"	6"-18"
BgB	Birdsboro silt loam	3-8	B	72"-99"	24"-72"
Bo	Bowmansville silt loam	-	C/D	72"-99"	0"-18"
CrA	Croton silt loam	0-3	D	44"-64"	0"-6"
KnB	Klinesville channery silt loam	3-8	D	14"-24"	-
KnC	Klinesville channery silt loam	8-15	D	14"-24"	-
LeB	Lansdale loam	3-8	B	46"-50"	-
PcB	Penn silt loam	3-8	B	28"-38"	-
PcC	Penn silt loam	8-15	B	28"-80"	-
PoB	Penn-Klinesville channery silt loams	3-8	C/D	22"-32"	-
ReA	Readington silt loam	0-3	C	58"-68"	18"-36"
ReB	Readington silt loam	3-8	C	58"-68"	18"-36"
Rw	Rowland silt loam	-	C	>80"	12"-36"

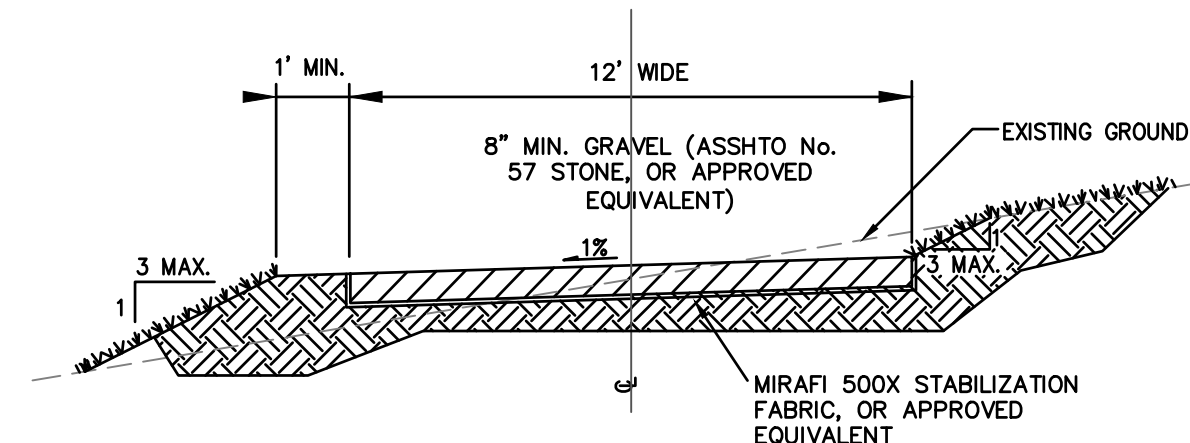


NOTES:

1. ALL AREAS SURROUNDING PANELS, INCLUDING AREAS UNDERNEATH PANELS SHALL BE SEEDED AND 90% VEGETATION ESTABLISHED BEFORE PROJECT COMPLETION.
2. DISTANCE BETWEEN ROWS OF PANELS (W) WILL VARY ACROSS THE PROJECT DEPENDENT UPON AREAS SLOPE.
3. DEPTH OF FOUNDATION PILES (D) SHALL BE TO MANUFACTURERS STANDARDS.
4. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
5. THE INDIVIDUAL PHOTOVOLTAIC PANELS SHALL BE ARRANGED WITH A 1/2" GAP, THAT ALLOWS & SUPPORTS THE PASSAGE OF SHEET FLOW STORMWATER RUNOFF BETWEEN EACH MODULE, THEREBY MINIMIZING THE PRODUCTION OF CONCENTRATED RUNOFF.

SOLAR PANEL ARRAY DETAIL

NOT TO SCALE

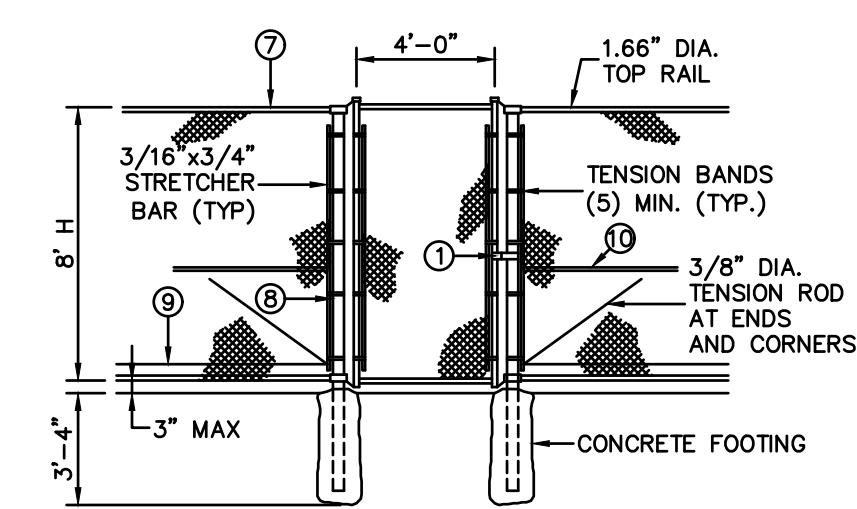


NOTES:

1. ROADS WILL BE SLOPED TO DOWNHILL SIDE TO ALLOW SHEET FLOW ACROSS THE ROAD.
2. ALL FILL MATERIAL SHALL CONFORM TO 95% COMPACTION WITH A MAXIMUM LIFT THICKNESS OF 8".
3. REVEGETATION AREAS SHALL BE RIPPED & RESEEDED PER APPROVED NPDES PERMIT.
4. CUTS DEEPER THAN 3' SHOULD BE AVOIDED WHEREVER POSSIBLE, AND CUT SLOPES NOT IN COMPETENT BEDROCK SHOULD NOT BE STEEPER THAN 2H:1V. FILL SLOPES SHOULD NOT BE STEEPER THAN 2H:1V OR EXCEED 5 FEET IN HEIGHT WHEREVER POSSIBLE.
5. ALL CUT AND FILL SLOPES OUTSIDE OF THE 12'-WIDE PERMANENT GRAVEL SURFACE SHALL BE RE-VEGETATED AND STABILIZED BY SEEDING AND MULCHING, BLANKETING, OR OTHER SUITABLE METHOD.
6. ANY EXISTING TOPSOIL LOCATED WITHIN THE PERMANENT 12' GRAVEL WIDTH OF THE ACCESS ROADS SHALL BE STRIPPED, THEN EITHER PLACED IN THE STOCKPILE OR SPREAD ONTO ADJACENT AREAS TO BE PERMANENTLY VEGETATED.
7. ALL GRAVEL ROADS WILL REMAIN GRAVEL AND NOT BE PAVED OR OTHERWISE SURFACED, WITHOUT ADDITIONAL STORMWATER MANAGEMENT PLANNING.

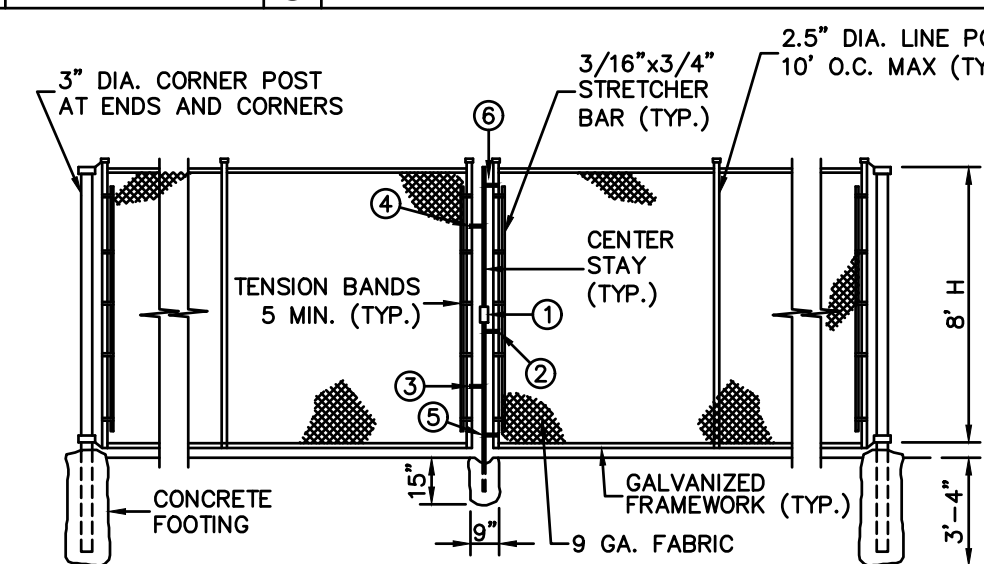
GRAVEL ACCESS ROAD DETAIL

NOT TO SCALE



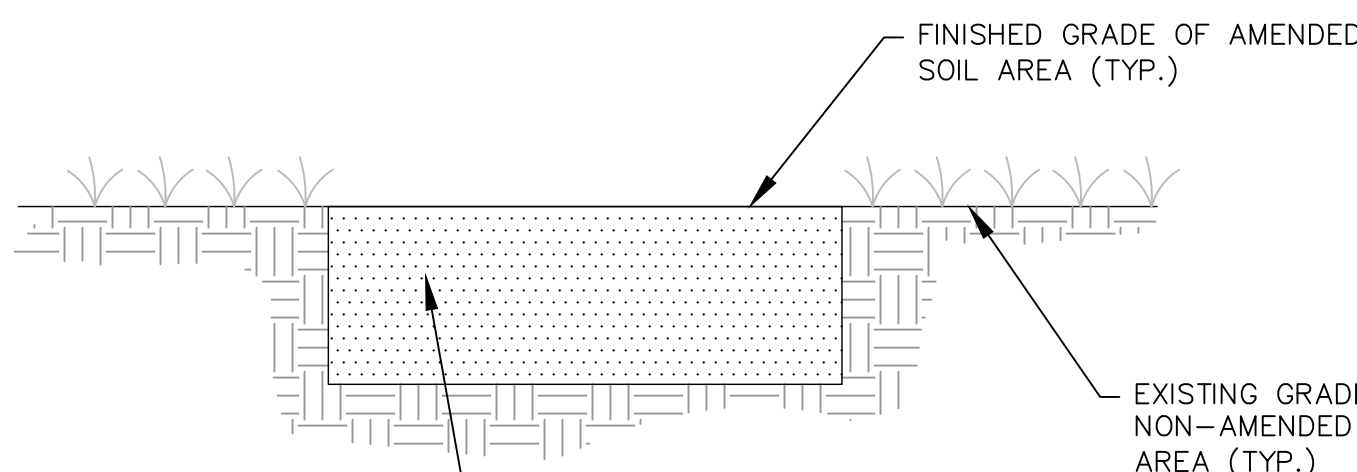
SELF-LOCKING PERSONNEL GATE

LABEL LEGEND	
① LOCK KEEPER	⑥ 1.66" DIA. BRACE RAIL AT ENDS AND CORNERS
② LOCK KEEPER GUIDE	⑦ 9 GA. TIE WIRES @ 12" SPACING ON TOP RAIL & TENSION WIRE
③ LOWER FORKS	⑧ 9 GA. WIRE TIES ON LINE POSTS SHALL BE @ 15" SPACING
④ UPPER FORKS	⑨ 7 GA. TENSION WIRE 6" ABOVE BOTTOM SELVAGE
⑤ LOWER GUIDE	⑩ 1.66" DIA. BRACE RAIL AT ENDS AND CORNERS



CHAIN-LINK FENCE GATE DETAIL

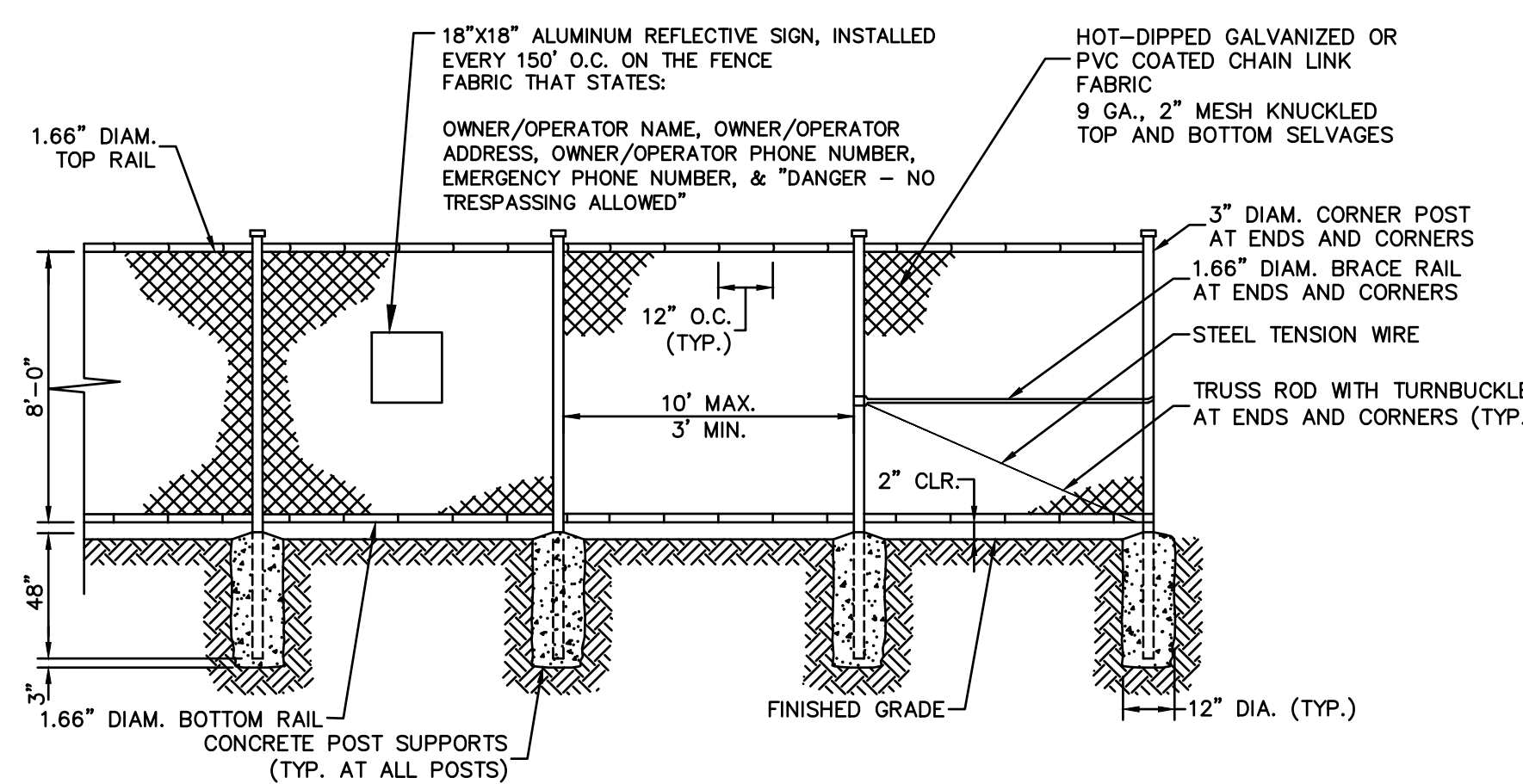
NOT TO SCALE



SOIL AMENDMENT & RESTORATION

(BASED ON BMP 6.7.3)
NOT TO SCALE

AMENDED SOIL AREAS (LOCATIONS WHERE DEPICTED ON THE PLANS) SHALL BE TREATED FOR MINOR COMPACTION USING RIPPING/ SUBSOILING/TILLING/ SCARIFICATION TECHNIQUES, TO A DEPTH OF 8". THEN TREAT THE NEWLY DE-COMPACTED SOILS BY SPREADING 2"-3" OF APPROVED COMPOST & TILLING WITH A ROTARY TILLER THAT IS SET TO A DEPTH OF 6". THEN ADD AN ADDITIONAL 4" OF APPROVED COMPOST, TO RAISE THE AREA UP TO THE SURROUNDING ADJACENT GRADES, TO PROVIDE A SMOOTH/FLUSH SURFACE. THEN SEED, MULCH, & FERTILIZE TO COMPLETE THE PROCESS (TYP.).



CHAIN-LINK PERIMETER SECURITY FENCE DETAIL

NOT TO SCALE

NOTE:
1. A GENERAL NPDES NOTICE OF INTENT (NOI) HAS BEEN PREPARED FOR THIS PROJECT. SEE EROSION & SEDIMENT CONTROL PLAN (ESC) & POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM), FOR FURTHER CONSTRUCTION REQUIREMENTS.



NO.	REVISION	DATE
C	PRELIMINARY LAND DEVELOPMENT PLANS	04-19-2022
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

TRC TRC Engineers, Inc.
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BROOKVIEW SOLAR I, LLC.
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA

DRAWING TITLE:
SITE DETAILS

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	AS NOTED
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
DRAWING NO.:	C-501	

GENERAL LANDSCAPE AND SEEDING NOTES

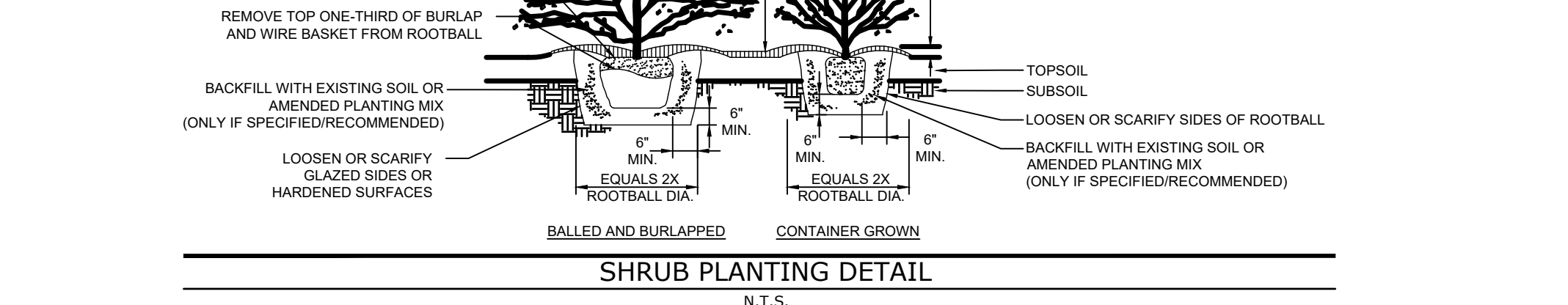
- THE LANDSCAPE PLAN AND DETAILS ARE FOR LANDSCAPING INFORMATION ONLY. PLEASE REFER TO THE SITE LAYOUT PLAN, GRADING PLAN AND/OR UTILITIES PLAN FOR ALL OTHER INFORMATION.
- THE CONTRACTOR SHALL MONITOR AND GUARANTEE THAT ALL PLANTS, TREES, AND SHRUBS SHALL BE HEALTHY AND FREE OF DISEASE FOR A PERIOD OF (1) ONE YEAR AFTER SUBSTANTIAL COMPLETION AND ACCEPTANCE BY THE OWNER. CONTRACTOR SHALL REPLACE ANY DEAD OR UNHEALTHY PLANTS AT CONTRACTOR'S EXPENSE. FINAL ACCEPTANCE SHALL BE MADE IF ALL PLANTS MEET THE GUARANTEE REQUIREMENTS INCLUDING MAINTENANCE, MAINTENANCE RESPONSIBILITIES INCLUDE INVASIVE SPECIES MONITORING, REMOVAL, AND SUPPLEMENTATION. MONITORING OF THE PROJECT SITE SHALL OCCUR IN THE SPRING AND THE FALL TO DETERMINE THE PRESENCE OF INVASIVE SPECIES. SHOULD ANY INVASIVE SPECIES BE IDENTIFIED WITHIN THE PROJECT SITE, THE INVASIVE SPECIES SHALL BE REMOVED ACCORDING TO METHODS MOST LIKELY TO BE EFFECTIVE IN CONTROLLING THAT SPECIES AND SUPPLEMENTING ITS REPLACEMENT WITH APPROPRIATE VEGETATION AND SEED MIX IDENTIFIED (AND APPROVED) ON THIS PLAN AND/OR AN APPROVED EQUAL. ADDITIONAL MAINTENANCE RESPONSIBILITIES INCLUDE: APPROVED CULTIVATING, SPRAYING, WEEDING, WATERING, TIGHTENING OF TREE STRAP GUYS, PRUNING, FERTILIZING, MULCHING, AND ANY OTHER OPERATIONS NECESSARY TO MAINTAIN PLANT VIABILITY. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND CONTINUE UNTIL 90 DAYS AFTER FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL SUPPLY ALL LABOR, PLANTS, APPROVED SEEDING MIX, AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWING(S) AND LISTED IN THE PLANT SCHEDULE(S) AND/OR SEEDING TABLE(S). IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT SCHEDULE AND/OR SEEDING TABLE AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER SHALL APPLY. ALL PLANTS SHALL BE ACCLIMATED BY THE SUPPLY NURSERY TO THE LOCAL HARDINESS ZONE AND BE CERTIFIED THAT THE PLANTING MATERIAL HAS BEEN GROWN FOR A MINIMUM OF (2) TWO YEARS AT THE SOURCE AND OBTAINED WITHIN 200 MILES OF PROJECT SITE UNLESS OTHERWISE APPROVED BY OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT.
- THE LOCATIONS FOR PLANT MATERIAL ARE APPROXIMATE AND ARE SUBJECT TO FIELD ADJUSTMENT DUE TO SLOPE, VEGETATION, AND SITE FACTORS SUCH AS THE LOCATION OF ROCK OUTCROPS. PRIOR TO PLANTING THE CONTRACTOR SHALL ACCURATELY STAKE OUT THE LOCATIONS FOR ALL PLANTS. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT SHALL APPROVE THE FIELD LOCATIONS OR ADJUSTMENTS OF THE PLANT MATERIAL.
- ALL SHRUB MASSING AREAS SHALL BE MULCHED TO A DEPTH OF 2" WITH SHREDDED HARDWOOD BARK MULCH.
- NO PLANT SHALL BE PLACED IN THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE CONTRACTOR. STAKING THE LOCATION OF ALL TREES AND SHRUBS SHALL BE COMPLETED PRIOR TO PLANTING FOR APPROVAL BY THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT. STAKING OF THE INSTALLED TREE MUST BE COMPLETED THE SAME DAY AS IT IS INSTALLED. ALL TREES SHALL BE STAKED OR GUYED AS PER THE DETAIL. SEE LANDSCAPING PLAN(S) FOR PLANTING DETAILS.
- COORDINATE PLANT MATERIAL LOCATIONS WITH SITE UTILITIES. SEE SITE LAYOUT, GRADING AND/OR UTILITY PLANS FOR STORM, SANITARY, GAS, ELECTRIC, TELEPHONE AND WATER LINES. UTILITY LOCATIONS ARE APPROXIMATE. EXERCISE CARE WHEN DIGGING IN AREAS OF POTENTIAL CONFLICT WITH UNDERGROUND OR OVERHEAD UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONTRACTOR'S NEGLIGENCE AND SHALL REPLACE OR REPAIR ANY DAMAGE AT CONTRACTOR'S EXPENSE.
- LANDSCAPE PLANTING PITS MUST BE FREE DRAINING, PAVEMENT, COMPACTED SUBGRADE, AND BLASTED ROCK SHALL BE REMOVED TO A DEPTH OF 2' OR TO A GREATER DEPTH IF REQUIRED BY PLANTING DETAILS OR SPECIFICATIONS. REPLACE SOIL WITH MODERATELY COMPACTED LOAM OR SANDY LOAM FREE FROM STONES AND RUBBISH 1" OR GREATER IN DIAMETER AND ANY OTHER MATERIAL HARMFUL TO PLANT GROWTH AND DEVELOPMENT. PLANTING INSTALLATION SHALL BE AS DETAILED AND CONTAIN PLANTING MIX AS SPECIFIED UNLESS OTHERWISE BY SOIL ANALYSIS.

PLANTING SOIL MIXTURE:
 2 PARTS PEAT MOSS
 5 PARTS TOPSOIL
 MYCORRHIZA INOCULANT - "TRANSPANT 1-STEP" AS MANUFACTURED BY ROOTS, INC. OR APPROVED EQUAL. USE PER MANUFACTURER'S RECOMMENDATIONS FOR TREES AND SHRUBS. FERTILIZER/LIME APPLY AS RECOMMENDED BY SOIL ANALYSIS

- TREES, AND SHRUBS: TREES AND SHRUBS SHALL BE NURSERY GROWN UNLESS OTHERWISE NOTED AND HARDY UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCATION OF THE PROJECT. THEY SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY, WITH NORMAL HABIT OF GROWTH. THEY SHALL BE SOUND, HEALTHY, VIGOROUS, WELL-BRANCHED AND DENSELY FOLIATED WHEN IN LEAF. THEY SHALL BE FREE OF DISEASE, INSECT PESTS, EGGS OR LARVAE. THEY SHALL HAVE HEALTHY AND WELL-DEVELOPED ROOT SYSTEMS. ALL TREES SHALL HAVE STRAIGHT SINGLE TRUNKS WITH THEIR MAIN LEADER INTACT UNLESS OTHERWISE STATED. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT SHALL ONLY PERMIT SUBSTITUTIONS UPON WRITTEN APPROVAL. THEIR SIZES SHALL CONFORM TO THE MEASUREMENT SPECIFIED ON THE DRAWINGS. PLANTS LARGER THAN SPECIFIED ON THE DRAWINGS MAY BE USED IF APPROVED. THE USE OF SUCH PLANTS SHALL NOT INCREASE THE CONTRACT PRICE. ALL TREES AND SHRUBS SHALL BE MULCHED IN ACCORDANCE WITH THE RESPECTIVE PLANTING DETAIL(S) PROVIDED IN THE LANDSCAPING PLAN. SEE NOTE 9, FOR PRUNING STANDARDS AND REQUIREMENTS.
- TOPSOIL SHALL BE INSTALLED AT A MINIMUM DEPTH OF 4 INCHES. CONTRACTOR SHALL SUBMIT TOPSOIL TO A CERTIFIED TESTING LABORATORY TO DETERMINE PH, FERTILITY, ORGANIC CONTENT AND MECHANICAL COMPOSITION. THE CONTRACTOR SHALL SUBMIT THE TEST RESULTS FROM REGIONAL EXTENSION OFFICE OF USDA TO THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. CONTRACTOR SHALL INCORPORATE AMENDMENTS FOR GOOD PLANT GROWTH AND PROPER SOIL ACIDITY RECOMMENDED FROM THE TOPSOIL TEST.
- NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND SOIL TESTS SPECIFICALLY INDICATE A PHOSPHOROUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWN/GRASSES AND PLANTINGS FROM ESTABLISHING PROPERLY.
- IF SOIL TESTS INDICATE A PHOSPHOROUS DEFICIENCY THAT WILL IMPACT PLANT AND LAWN ESTABLISHMENT, PHOSPHOROUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL PRESCRIBED IN THE SOIL TEST FOLLOWING ALL APPLICABLE STANDARDS, REQUIREMENTS, AND/OR REGULATIONS.
- ALL SLOPES GREATER THAN 3:1 RECEIVING A WILDFLOWER, WETLAND, AND/OR GRASS SEEDING MIXTURE SHALL BE COVERED WITH AN EROSION CONTROL BLANKET.
- ALL WILDFLOWERS AND GRASSES SOWN SHALL BE ALLOWED TO GROW TO THEIR NATURALLY OCCURRING HEIGHTS WHENEVER POSSIBLE. NATIVE WILDFLOWERS AND/OR GRASSES CAN BE MOWED/MAINTAINED (WITHIN ACCEPTABLE AREAS IDENTIFIED AND/OR APPROVED BY APPROPRIATE REGULATORY AGENCIES) AS OFTEN AS NEEDED TO KEEP THE VEGETATION AT A DESIRED AND/OR MANAGEABLE/MANICURED HEIGHT.

- CONTRACTOR, LOT OWNER AND/OR OWNER(S) LANDSCAPE BUFFER MAINTENANCE RESPONSIBILITIES AND OBLIGATIONS:
 - ALL BUFFER AREAS AND OTHER LANDSCAPING REQUIRED BY 110 ARTICLE LANDSCAPING PLAN, SHALL BE PERPETUALLY MAINTAINED BY THE LOT OWNER. ANY LANDSCAPING NEEDED TO MEET A REQUIREMENT OF THIS ARTICLE THAT DIES, IS REMOVED, OR IS SEVERELY DAMAGED SHALL BE REPLACED BY THE THEN-CURRENT LOT OWNER AS SOON AS IS PRACTICAL CONSIDERING THE NEXT AVAILABLE GROWING SEASONS BUT NOT TO EXCEED 180 DAYS.
- ALL PRUNING SHALL CONFORM TO THE TREE CARE INDUSTRY ASSOCIATION (TCIA) ANSI A300 (PART 1) - 2017 PRUNING STANDARDS. PRUNING STANDARDS SHALL RECOGNIZE BUT ARE NOT LIMITED TO THE FOLLOWING PRUNING OBJECTIVES (TIME AND MANNER): MANAGE RISK, MANAGE FOR GOOD HEALTH AND CONDITION, DEVELOP STRUCTURE, PROVIDE CLEARANCE, MANAGE SIZE OR SHAPE, IMPROVE AESTHETICS, MANAGE PRODUCTION OF FRUIT, FLOWERS, OR OTHER PRODUCTS, AND/OR MANAGE WILDLIFE HABITAT. DEVELOPING STRUCTURE SHALL IMPROVE BRANCH AND TRUNK ARCHITECTURE, PROMOTE OR SUBORDINATE CERTAIN LEADERS, STEMS, OR BRANCHES; PROMOTE DESIRABLE BRANCH SPACING; PROMOTE OR DISCOURAGE GROWTH IN A PARTICULAR DIRECTION (DIRECTIONAL PRUNING); MINIMIZE FUTURE INTERFERENCE WITH TRAFFIC, LINES OF SIGHT, INFRASTRUCTURE, OR OTHER PLANTS; RESTORE CURRENT FOLLOWING DAMAGE; AND/OR REJUVENATE SHRUBS. PROVIDING CLEARANCE SHALL ENSURE SAFE AND RELIABLE UTILITY SERVICES; MINIMIZE UNWANTED INTERFERENCE WITH TRAFFIC, LINES OF SIGHT, INFRASTRUCTURE, OR OTHER PLANTS; RAISE CROWN(S) FOR MOVEMENT OF TRAFFIC OR LIGHT PENETRATION; ENSURE LINES OF SIGHT OR DESIRED VIEWS; PROVIDE ACCESS TO SITES, BUILDINGS, OR OTHER STRUCTURES; AND/OR COMPLY WITH REGULATIONS.
- REQUIRED PLANTING SHALL BE KEPT IN A RELATIVELY WEED-FREE CONDITION, FREE OF SOLID WASTE AND FREE OF NOXIOUS WEEDS.

- SHADE TREE NOTE AND CALCULATIONS:
 - AN AVERAGE OF ONE DECIDUOUS SHADE TREE (2" CAL. MIN. DBH) SHALL BE EQULD FOR EVERY 50 LINEAR FEET OF BUFFER (25' IN DEPTH) PROVIDED. SHADE TREES MAY BE CLUSTERED OR SPACED UNEVENLY TO PROVIDE A NATURAL LOOKING VISUAL ELEMENT. SEE TOWNSHIP OF MOUNT JOY, PA ZONING 110-402.11(10)(C).
 - 22,995 LINEAR FEET OF BUFFER "TYPE A" (25' IN DEPTH) IS PROVIDED
 - THEREFORE: 22,995 DIVIDED BY 50 = 517.5 OR 518 SHADE TREES - TOTAL REQUIRED
 - SHADE TREES LOCATIONS SHALL BE STAKED OUT AND APPROVED PRIOR TO PLANTING. IT'S ANTICIPATED THAT SHADE TREE PLANTINGS WILL BE CLUSTERED IN POCKET AREAS AWAY FROM SOLAR ARRAY PANELS TO MINIMIZE SHADING CONCERNS OF THE SOLAR ARRAYS TO THE MAXIMUM EXTENT POSSIBLE. SEE DETAILS SHEETS C-502 TO C-505 FOR SHADE TREE TOTALS WITHIN EACH VM - TYPE A BUFFERS ONLY.
 - PLACEMENT OF SHADE TREES SHALL BE LOCATED AT THE OUTER EDGE OF THE LANDSCAPE BUFFER, AWAY FROM THE FENCE, TO ENHANCE SCREENING EFFORTS AND AVOID SHADING CONCERNS. FIELD ADJUSTMENTS FOR STAKED LOCATIONS WILL BE NECESSARY.



GRASS SEED MIXES

F. PERMANENT SEED MIX

- FOR ALL GRASS AREAS "WITHIN" THE SOLAR PANEL ARRAY AREAS, USE ONE OF THE FOLLOWING PERMANENT SEED MIXES:
 - A. ERNST NATIVE/NATURALIZED SOLAR FARM MIX (ENRNMZ-186-1)

ERNST "NATIVE/NATURALIZED SOLAR FARM SEED MIX" - ENRNMZ-186-1		
BOTANICAL NAME	COMMON NAME	
34.00%	<i>Festuca rubra</i>	Creeping Red Fescue
33.00%	<i>Festuca ovina</i> , Variety Not Stated	Sheep Fescue, Variety Not Stated
15.00%	<i>Festuca ovina</i> var. <i>duriuscula</i> , <i>Gladiator</i>	Hard Fescue, Gladiator
5.00%	<i>Festuca ovina</i> var. <i>glauca</i> , <i>Azure</i>	Blue Fescue, Azure
5.00%	<i>Poa pratensis</i> , 'Selway'	Kentucky Bluegrass, 'Selway'
5.00%	<i>Poa pratensis</i> , <i>Appalachian</i>	Kentucky Bluegrass, Appalachian
3.00%	<i>Agrostis perennans</i> , <i>Albany Pine Bush-NY Ecotype</i>	Autumn Bentgrass, Albany Pine Bush-NY Ecotype

- SEED MIX TO BE USED IN DESIGNATED AREAS TO BE DETERMINED "OUTSIDE" THE SOLAR PANEL ARRAY AREAS ALONG FENCE LINES, TO CREATE POLLINATOR POCKETS, OR IN OTHER MISC. OPEN AREAS, USE THE FOLLOWING PERMANENT SEED MIX:
 - A. ERNST NORTHEAST SOLAR POLLINATOR BUFFERMIX (ENRNMZ-610)

ERNST "NORTHEAST SOLAR POLLINATOR BUFFER MIX" - ENRNMZ-610		
BOTANICAL NAME	BOTANICAL NAME	
37.00%	<i>Schizachyrium scoparium</i> , 'Camper'	Little Bluestem, 'Camper'
36.30%	<i>Bouteloua curtipendula</i> , <i>Butte</i>	Sidecoats Grama, Butte
4.00%	<i>Chamaecrista fasciculata</i> , <i>PA Ecotype</i>	Partridge Pea, PA Ecotype
4.00%	<i>Coreopsis lanceolata</i>	Lanceleaf Coreopsis
4.00%	<i>Echinacea purpurea</i>	Purple Coneflower
3.30%	<i>Rudbeckia hirta</i>	Blackeyed Susan
2.30%	<i>Helioopsis helianthoides</i> , <i>PA Ecotype</i>	Oxeye Sunflower, PA Ecotype
1.60%	<i>Penstemon digitalis</i>	Tall White Beardtongue
1.50%	<i>Asclepias tuberosa</i>	Butterfly Milkweed
0.80%	<i>Liatris spicata</i>	Marsh Blazing Star
0.70%	<i>Senna hebecarpa</i> , <i>VA & WV Ecotype</i>	Wild Senna, VA & WV Ecotype
0.60%	<i>Zizia aurea</i>	Golden Alexanders
0.50%	<i>Asclepias incarnata</i> , <i>PA Ecotype</i>	Swamp Milkweed, PA Ecotype
0.50%	<i>Geum canadense</i> , <i>PA Ecotype</i>	White Avens, PA Ecotype
0.50%	<i>Monarda fistulosa</i> , <i>Fort Indiantown Gap-PA Ecotype</i>	Wild Bergamot, Fort Indiantown Gap-PA Ecotype
0.50%	<i>Pycnanthemum tenuifolium</i>	Narrowleaf Mountainmint
0.40%	<i>Aster laevis</i> , <i>NY Ecotype</i>	Smooth Blue Aster, NY Ecotype
0.40%	<i>Aster novae-angliae</i> , <i>PA Ecotype</i>	New England Aster, PA Ecotype
0.30%	<i>Baptisia australis</i> , <i>Southern WV Ecotype</i>	Blue False Indigo, Southern WV Ecotype
0.30%	<i>Tradescantia ohiensis</i> , <i>PA Ecotype</i>	Ohio Spiderwort, PA Ecotype
0.20%	<i>Oenothera fruticosa</i> var. <i>fruticosa</i>	Sundrops
0.20%	<i>Solidago nemoralis</i> , <i>PA Ecotype</i>	Gray Goldenrod, PA Ecotype
0.10%	<i>Aster prenanthoides</i> , <i>PA Ecotype</i>	Zigzag Aster, PA Ecotype

SEEDING NOTE: SEE EROSION AND SEDIMENT CONTROL PLANS AND DETAIL SHEETS FOR ADDITIONAL TEMPORARY AND PERMANENT SEEDING REQUIREMENTS, INCLUDING BUT NOT LIMITED TO: SITE CONDITIONS, SOIL PREPARATION, FERTILIZATION, APPLICATION RATES, MULCHING, STABILIZATION, THERMAL IMPACTS, AND LOT COVERAGES.

TABLE 11.6

MULCH APPLICATION RATES				NOTES
MULCH TYPE	PER ACRE	PER 1,000 SQ. FT.	PER 1,000 SQ. YD.	
STRAW	3 TONS	140 LB.	1,240 LB.	EITHER WHEAT OR OAT STRAW FREE OF WEEDS, NOT CHIPPED OR FINELY BROKEN
HAY	3 TONS	140 LB.	1,240 LB.	TIMOTHY, MIXED CLOVER AND TIMOTHY OR OTHER NATIVE FORAGE GRASSES
WOOD CHIPS	4 - 6 TONS	185 - 275 LB.	1,650 - 2,500 LB.	MAY PREVENT GERMINATION OF GRASSES AND LEGUMES
HYDROMULCH	1 TON	47 LB.	415 LB.	SEE LIMITATIONS ABOVE

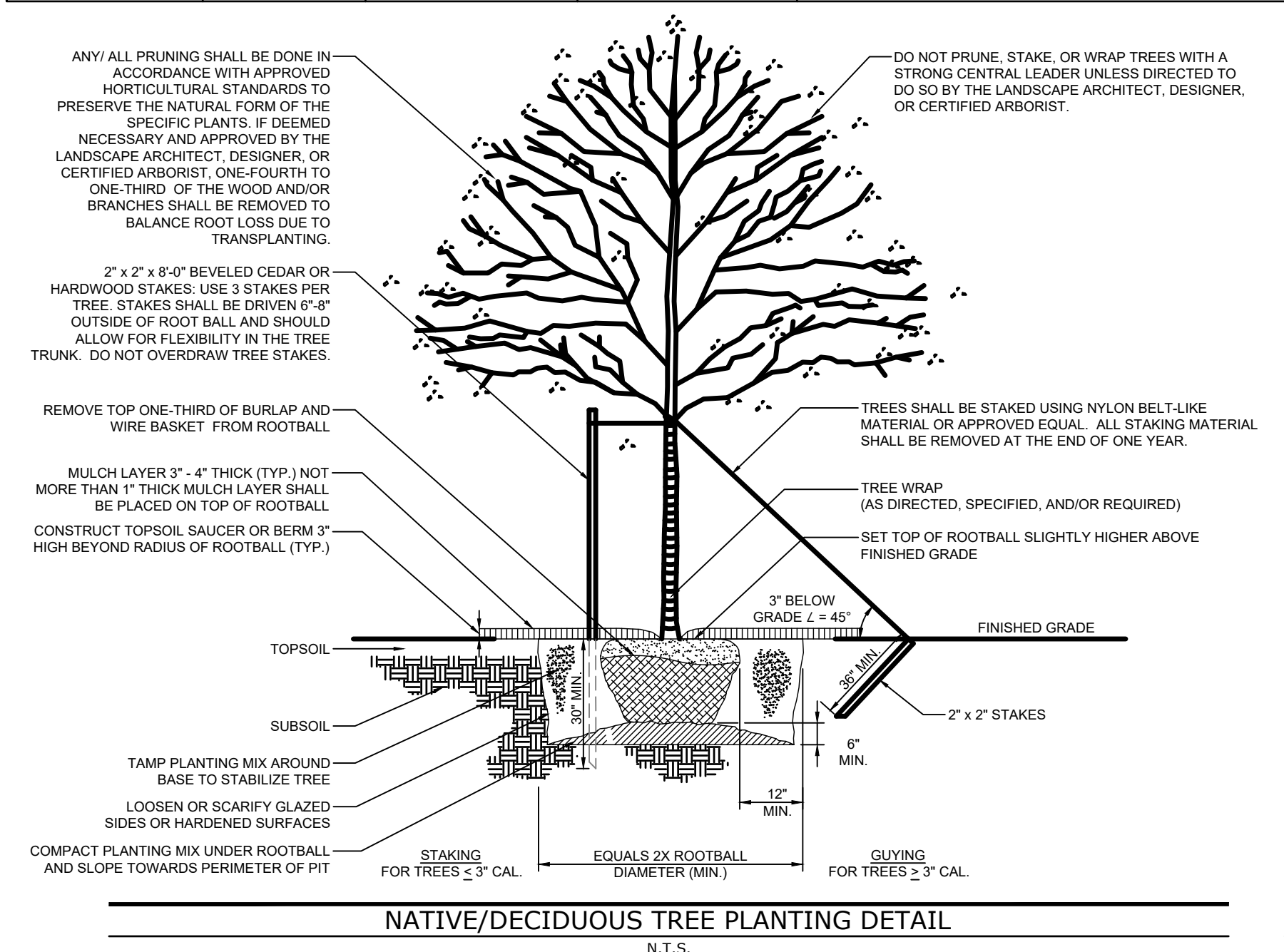


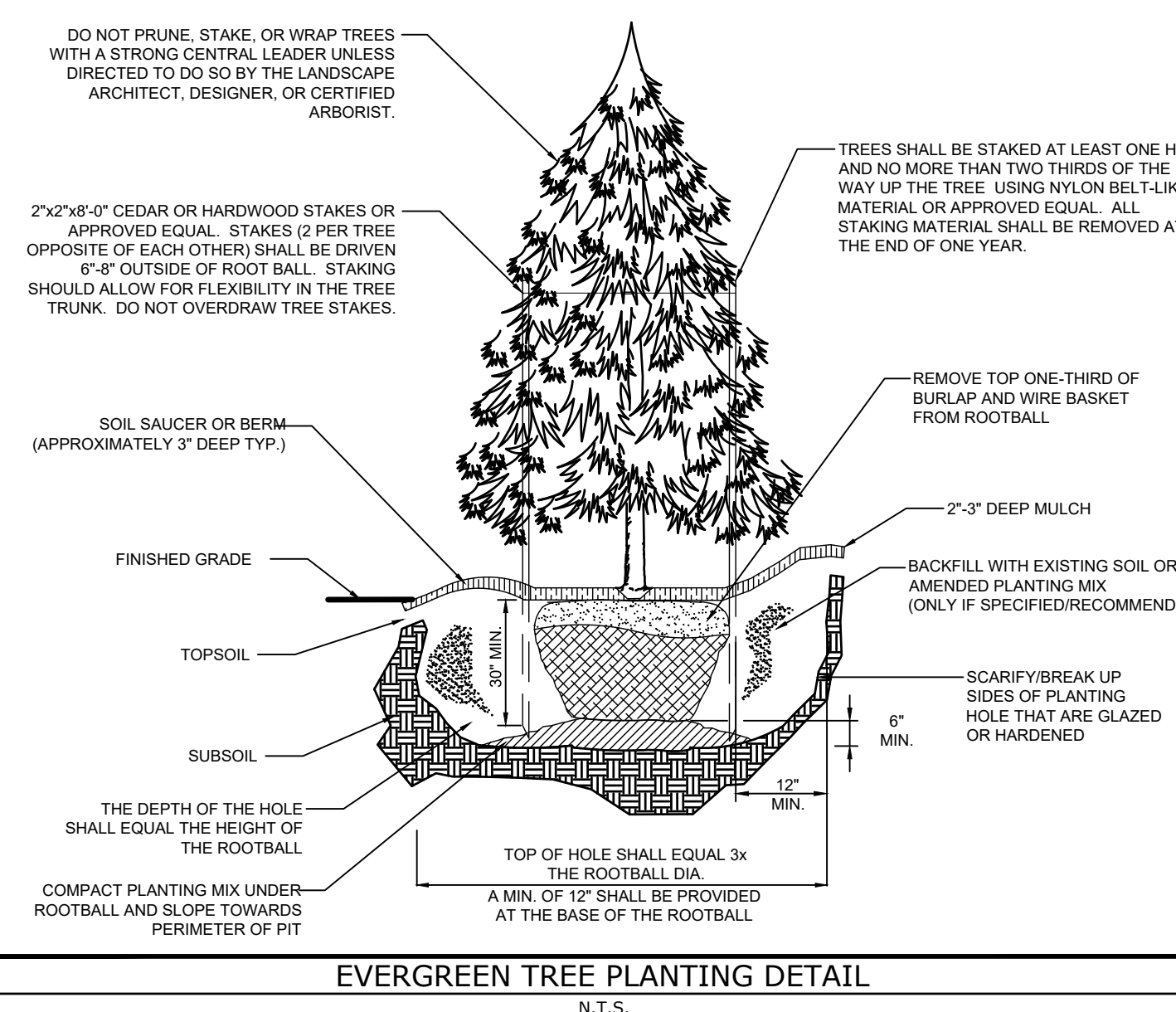
TABLE 11.4

MIXTURE NUMBER	SPECIES	RECOMMENDED SEED MIXTURES	
		SEEDING RATE - PURE LIVE SEED * MOST SITES	ADVERSE SITES
1 *	SPRING OATS (SPRING), OR ANNUAL RYEGRASS (SPRING OR FALL), OR WINTER WHEAT (FALL), OR WINTER RYE (FALL)	64 90 10	96 15 120 112
	TALL FESCUE, OR FINE FESCUE, OR KENTUCKY BLUEGRASS, PLUS REDTOP *, OR PERENNIAL RYEGRASS	56 35 25 15	75 40 30 3 20
	BIRDSFOOT TREFLOIL, PLUS TALL FESCUE	6 30	10 35
4	BIRDSFOOT TREFLOIL, PLUS REED CANARYGRASS	6 10	10 15
	CROWN VETCH, PLUS TALL FESCUE, OR PERENNIAL RYEGRASS	10 20 20	15 25 25
6 *	CROWN VETCH, PLUS ANNUAL RYEGRASS	20 20	15 25
	BIRDSFOOT TREFLOIL, PLUS CROWN VETCH, PLUS TALL FESCUE	6 10 20	10 15 30
8	FLATPEA, PLUS TALL FESCUE, OR PERENNIAL RYEGRASS	20 20	30 30 25
	SERECIA LESPEDEZA, PLUS TALL FESCUE, PLUS REDTOP *	20 20 3	20 25 3
10	TALL FESCUE, PLUS FINE FESCUE	40 10	60 15
	DEERTONGUE, PLUS BIRDSFOOT TREFLOIL	15 6	20 10
12 *	SWITCHGRASS, OR BIG BLUESTEM, PLUS BIRDSFOOT TREFLOIL	15 15 6	20 20 10
	ORCHARDGRASS, OR SMOOTH BROMEGRASS, PLUS BIRDSFOOT TREFLOIL	20 25 6	30 35 10

TABLE 11.5

SITE CONDITION	NURSE CROP	RECOMMENDED SEED MIXTURES FOR STABILIZING DISTURBED AREAS	
		SEED MIXTURE (SELECT ONE MIXTURE)	
SLOPES AND BANKS (NOT MOWED) WELL-DRAINED VARIABLE DRAINAGE	1 PLUS	3, 5, 8, OR 12'	
	1 PLUS	3 OR 7	
SLOPES AND BANKS (MOWED) WELL-DRAINED SLOPES AND BANKS (GRAZED/HAY) WELL-DRAINED	1PLUS	2 OR 10	
	1PLUS	2, 3, OR 13	
GULLIES AND ERODED AREAS	1 PLUS	3, 5, 7, OR 12'	
EROSION CONTROL FACILITIES (BMPs) SOD WATERWAYS, SPILLWAYS, FREQUENT WATER FLOW AREAS	1 PLUS	2, 3, OR 4	
	1 PLUS	2, 3, OR 4 5 OR 7	
DRAINAGE DITCHES SHALLOW LESS THAN 3 FEET DEEP DEEP, NOT MOWED POND BANKS, DIKES, LEVEES, DAMS, DIVERSION CHANNELS, AND OCCASIONAL WATER FLOW AREAS	1 PLUS	2, 3, OR 4 5 OR 7	
	1 PLUS	2 OR 3 5 OR 7	
NON-MOWED AREAS FOR HAY OR SILAGE ON DIVERSION CHANNELS AND OCCASIONAL WATER FLOW AREAS	1 PLUS	2 OR 3 5 OR 7	
	1 PLUS	3 OR 13	
HIGHWAYS * NON-MOWED AREAS PURE CROWN VETCH *	1 PLUS	5 OR 6	
	1 PLUS	5, 7, 8, 9, OR 10	
WELL-DRAINED VARIABLE DRAINAGE POORLY DRAINED AREAS MOWED SEVERAL TIMES PER YEAR	1 PLUS	3 OR 7 3 OR 4	
	1 PLUS	2, 3, OR 10	
UTILITY RIGHT-OF-WAY WELL-DRAINED VARIABLE DRAINAGE WELL-DRAINED AREAS FOR GRAZING/HAY	1 PLUS	5, 8, OR 12'	
	1 PLUS	3 OR 7 2, 3, OR 13	
EFFLUENT DISPOSAL AREAS	1 PLUS	3 OR 4	
SANITARY LANDFILLS	1 PLUS	3, 5, 7, 11', OR 12'	
SURFACE MINES SPOILS, MINE WASTES, FLY ASH, SLAG, SETTLING BASIN RESIDUES AND OTHER SEVERELY DISTURBED AREAS (LIME TO SOIL TEST) SEVERELY DISTURBED AREAS FOR GRAZING/HAY	1 PLUS	3, 4, 5, 7, 8, 9, 11' OR 12'	
	1 PLUS	3 OR 13	

NOTE: ALL SEED MIXES AND SEED MIX RECOMMENDATIONS PROVIDED IN TABLES 11.4, 11.5, AND 11.6 ARE INTENDED TO BE SOWN IN ALL OTHER AREAS WHERE ERNST "SOLAR FARM SEED MIX" OR ERNST "NORTHEAST SOLAR POLLINATOR BUFFER SEED MIX" WILL NOT BE SOWN.



GENERAL TABLE

- TABLE 11.4 NOTES:
- PLS IS THE PRODUCT OF THE PERCENTAGE OF PURE SEED TIMES PERCENTAGE GERMINATION DIVIDED BY 100. FOR EXAMPLE, TO SECURE THE ACTUAL PLANTING RATE FOR SWITCHGRASS, DIVIDE 12 POUNDS PLS SHOWN ON THE SEED TAG, THUS, IF THE PLS CONTENT OF A GIVEN SEED LOT IS 35%, DIVIDE 12 PLS BY 0.35 TO OBTAIN 34.3 POUNDS OF SEED REQUIRED TO PLANT ONE ACRE. ALL MIXTURES IN THIS TABLE ARE SHOWN IN TERMS OF PLS.
 - IF HIGH-QUALITY SEED IS USED, FOR MOST SITES SEED SPRING OATS AT A RATE OF 2 BUSHELS PER ACRE, WINTER WHEAT AT 1.5 BUSHELS PER ACRE, AND WINTER RYE AT 1 BUSHEL PER ACRE. IF GERMINATION IS BELOW 90%, INCREASE THESE SUGGESTED SEEDING RATES BY 0.5 BUSHEL PER ACRE.
 - THIS MIXTURE IS SUITABLE FOR FREQUENT MOWING. DO NOT CUT SHORTER THAN 4 INCHES.
 - KEEP SEEDING RATE TO THAT RECOMMENDED IN TABLE. THESE SPECIES HAVE MANY SEEDS PER POUND AND ARE VERY COMPETITIVE. TO SEED SMALL QUANTITIES OF SMALL SEEDS SUCH AS WEEPING LOVEGRASS AND REDTOP, DILUTE WITH DRY SAWDUST, SAND, RICE HULLS, BUCKWHEAT HULLS, ETC.
 - USE FOR HIGHWAY SLOPES AND SIMILAR SITES WHERE THE DESIRED SPECIES AFTER ESTABLISHMENT IS CROWN VETCH.
 - USE ONLY IN EXTREME SOUTHEASTERN OR EXTREME SOUTHWESTERN PENNSYLVANIA. SERECIA LESPEDEZA IS NOT WELL ADAPTED TO MOST OF PA.
 - DO NOT MOW SHORTER THAN 9 TO 10 INCHES.
 - SEED MIXTURES CONTAINING CROWN VETCH SHOULD NOT BE USED IN AREAS ADJACENT TO WETLANDS OR STREAM CHANNELS DUE TO THE INVASIVE NATURE OF THIS SPECIES.
- TABLE 11.5 NOTES:
- FOR SEED MIXTURES 11 AND 12, ONLY USE SPRING OATS OR WEEPING LOVEGRASS (INCLUDED IN MIX) AS NURSE CROP.
 - CONTACT THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION DISTRICT ROADSIDE SPECIALIST FOR SPECIFIC SUGGESTIONS ON TREATMENT TECHNIQUES AND MANAGEMENT PRACTICES.
 - SEED MIXTURES CONTAINING CROWN VETCH SHOULD NOT BE USED IN AREAS ADJACENT TO WETLANDS OR STREAM CHANNELS DUE TO THE INVASIVE NATURE OF THIS SPECIES.
- TABLE 11.6 NOTES:
- SYNTHETIC BINDERS, OR CHEMICAL BINDERS, MAY BE USED AS RECOMMENDED BY THE MANUFACTURER TO ANCHOR MULCH. PROVIDED SUFFICIENT DOCUMENTATION IS PROVIDED TO SHOW THEY ARE NON-TOXIC TO NATIVE PLANT AND ANIMAL SPECIES.
 - MULCH ON SLOPES OF 8% OR STEEPER SHOULD BE HELD IN PLACE WITH NETTING. LIGHTWEIGHT PLASTIC, FIBER, OR PAPER NETS MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 - SHREDDED PAPER HYDROMULCH SHOULD NOT BE USED ON SLOPES STEEPER THAN 5%. WOOD FIBER HYDROMULCH MAY BE APPLIED ON STEEPER SLOPES PROVIDED A TACKIFIER IS USED. THE APPLICATION RATE FOR ANY HYDROMULCH SHOULD BE 2,000 LB/ACRE AT A MINIMUM.

NO.	REVISION	DATE
B	PRELIMINARY LAND DEVELOPMENT PLANS	03-22-2022
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

TRC Engineers, Inc.
 4900 Rifer Road
 Suite 240
 Mechanicsburg, PA 17055
 Tel: 717-671-6430
 www.trcsolutions.com

APPLICANT: **BROOKVIEW SOLAR I, LLC.**
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

PRELIMINARY LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
 SOLAR PROJECT
 MT. JOY TOWNSHIP, PA

DRAWING TITLE:
LANDSCAPE NOTES & DETAILS (1)

ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.

SCALE: AS SHOWN
 DATE: 02/15/2022
 DRAWN BY: GMT/MJR
 CHECKED BY: MJR
 PROJECT: 434186
 DRAWING NO.: **C-502**

VISUAL MITIGATION PLANTING COORDINATE POINTS - TYPE A

VM2 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L4	TYPE A	311	N89° 59' 30.29"E	E:2143248.6341, N:162934.2303	E:2143359.3246, N:162934.2750
L5	TYPE A	448	S68° 42' 37.72"E	E:2143359.3246, N:162934.2750	E:2143976.3895, N:162771.7561
L6	TYPE A	187	S00° 00' 28.81"E	E:2143976.3895, N:162771.7561	E:2143976.4156, N:162584.6816

VM3 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L7	TYPE A	110	S00° 00' 00.00"E	E:2143976.4232, N:162533.6798	E:2143976.4232, N:162423.6798

VM4 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L8	TYPE A	324	N89° 59' 47.63"E	E:2143993.7001, N:162219.7435	E:2144317.7287, N:162219.7630
L9	TYPE A	748	S52° 42' 54.37"E	E:2144317.7287, N:162219.7630	E:2144912.8698, N:161766.6348
L10	TYPE A	113	S00° 01' 07.74"E	E:2144912.8698, N:161766.6348	E:2144912.9068, N:161654.0060

VM5 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L18	TYPE A	236	S01° 12' 04.90"W	E:2144912.2423, N:161583.7454	E:2144907.3011, N:161348.1200
L19	TYPE A	112	S12° 04' 32.79"W	E:2144907.3011, N:161348.1200	E:2144883.8511, N:161238.5094
L20	TYPE A	52	S12° 04' 32.79"W	E:2144883.8511, N:161238.5094	E:2144872.9304, N:161187.4636

VM6 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L21	TYPE A	208	N00° 00' 27.96"W	E:2141514.3958, N:160305.5688	E:2141514.3676, N:160513.4492
L22	TYPE A	329	S89° 54' 11.12"E	E:2141514.3676, N:160513.4492	E:2141843.2882, N:160512.8929
L23	TYPE A	123	S74° 14' 46.05"E	E:2141843.2882, N:160512.8929	E:2141961.9319, N:160479.4176

VM8 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L135	TYPE A	147	S12° 04' 32.79"W	E:2144872.9304, N:161187.4636	E:2144842.1612, N:161043.6414
L136	TYPE A	292	S15° 29' 16.80"W	E:2144842.1612, N:161043.6414	E:2144764.2588, N:160762.5058
L137	TYPE A	41	S06° 19' 55.56"W	E:2144764.2588, N:160762.5058	E:2144759.7664, N:160722.0225

VM9 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L31	TYPE A	44	S06° 19' 55.56"W	E:2144759.7664, N:160722.0225	E:2144754.9678, N:160678.7792
L32	TYPE A	73	S22° 30' 19.48"W	E:2144754.9678, N:160678.7792	E:2144727.1011, N:160611.5210
L33	TYPE A	194	S29° 08' 47.86"W	E:2144727.1011, N:160611.5210	E:2144632.5163, N:160441.9107
L34	TYPE A	95	S47° 01' 18.80"W	E:2144632.5163, N:160441.9107	E:2144562.7878, N:160376.9376
L35	TYPE A	190	S18° 02' 30.54"W	E:2144562.7878, N:160376.9376	E:2144503.9531, N:160196.3116
L36	TYPE A	202	S18° 02' 30.54"W	E:2144503.9531, N:160196.3116	E:2144441.3078, N:160003.9870
L37	TYPE A	434	S89° 59' 22.91"W	E:2144441.3078, N:160003.9870	E:2144007.2811, N:160003.9089
L38	TYPE A	104	S00° 00' 28.65"E	E:2144007.2811, N:160003.9089	E:2144007.2956, N:159899.6155
L39	TYPE A	161	S14° 38' 55.66"W	E:2144007.2956, N:159899.6155	E:2143966.6891, N:159744.2673
L40	TYPE A	164	S21° 00' 39.29"W	E:2143966.6891, N:159744.2673	E:2143907.7269, N:159590.7529
L41	TYPE A	143	S00° 57' 24.21"E	E:2143907.7269, N:159590.7529	E:2143910.1184, N:159447.5485
L42	TYPE A	175	N90° 00' 00.00"W	E:2143910.1184, N:159447.5485	E:2143734.9718, N:159447.5485

VM10 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L43	TYPE A	313	S00° 00' 28.52"E	E:2143264.3669, N:158304.1574	E:2143264.4102, N:157991.1886
L44	TYPE A	131	S89° 59' 31.49"W	E:2143264.4102, N:157991.1886	E:2143133.2403, N:157991.1705
L45	TYPE A	212	N47° 35' 42.45"W	E:2143133.2403, N:157991.1705	E:2142976.7678, N:158134.0739
L46	TYPE A	294	S89° 59' 31.54"W	E:2142976.7678, N:158134.0739	E:2142683.0816, N:158134.0334
L47	TYPE A	310	N00° 00' 28.34"W	E:2142683.0816, N:158134.0334	E:2142683.0390, N:158444.0044

VM11 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L48	TYPE A	440	N01° 04' 57.83"W	E:2135030.6042, N:155745.4098	E:2135022.2965, N:156184.9822
L49	TYPE A	40	N81° 44' 16.07"W	E:2135022.2965, N:156184.9822	E:2134982.5200, N:156190.7582
L50	TYPE A	94	N45° 35' 51.42"W	E:2134982.5200, N:156190.7582	E:2134915.6269, N:156256.2702
L51	TYPE A	162	N14° 39' 51.47"W	E:2134915.6269, N:156256.2702	E:2134874.6947, N:156412.6917
L52	TYPE A	277	N08° 09' 28.71"W	E:2134874.6947, N:156412.6917	E:2134835.3292, N:156687.2960
L53	TYPE A	321	N17° 11' 31.08"W	E:2134835.3292, N:156687.2960	E:2134740.5670, N:156993.5751
L54	TYPE A	293	N54° 34' 02.50"W	E:2134740.5670, N:156993.5751	E:2134502.0115, N:157163.3123
L55	TYPE A	306	N00° 00' 27.10"W	E:2134502.0115, N:157163.3123	E:2134501.9712, N:157469.5920
L56	TYPE A	235	N89° 59' 56.29"E	E:2134501.9712, N:157469.5920	E:2134737.2450, N:157469.5962
L57	TYPE A	204	N00° 00' 10.70"E	E:2134737.2450, N:157469.5962	E:2134737.2557, N:157673.9475
L58	TYPE A	176	S89° 59' 55.05"W	E:2134737.2557, N:157673.9475	E:2134561.2266, N:157673.9433
L59	TYPE A	459	N00° 00' 32.36"W	E:2134561.2266, N:157673.9433	E:2134561.1546, N:158132.6750
L60	TYPE A	284	N89° 59' 32.89"E	E:2134561.1546, N:158132.6750	E:2134845.5837, N:158132.7124
L61	TYPE A	155	S08° 23' 44.09"E	E:2134845.5837, N:158132.7124	E:2134868.2349, N:157979.2368
L62	TYPE A	344	S00° 00' 27.15"E	E:2134868.2349, N:157979.2368	E:2134868.2802, N:157635.0630
L63	TYPE A	173	S69° 34' 27.46"E	E:2134868.2802, N:157635.0630	E:2135030.3696, N:157574.6998
L64	TYPE A	326	S65° 40' 44.47"E	E:2135030.3696, N:157574.6998	E:2135327.0376, N:157440.6182
L65	TYPE A	240	S51° 12' 04.06"E	E:2135327.0376, N:157440.6182	E:2135513.6933, N:157290.5492
L66	TYPE A	154	S00° 00' 27.28"E	E:2135513.6933, N:157290.5492	E:2135513.7136, N:157136.9749
L67	TYPE A	142	S16° 25' 25.27"W	E:2135513.7136, N:157136.9749	E:2135473.6276, N:157000.9819
L68	TYPE A	193	S17° 43' 02.19"W	E:2135473.6276, N:157000.9819	E:2135414.9821, N:156817.4122
L69	TYPE A	139	S16° 25' 25.28"W	E:2135414.9821, N:156817.4122	E:2135375.7734, N:156684.3955
L70	TYPE A	112	S19° 45' 06.51"W	E:2135375.7734, N:156684.3955	E:2135337.7779, N:156578.5799
L71	TYPE A	149	S00° 00' 27.23"E	E:2135337.7779, N:156578.5799	E:2135337.7976, N:156429.7025
L72	TYPE A	293	N89° 59' 32.75"E	E:2135337.7976, N:156429.7025	E:2135631.1468, N:156429.7413
L73	TYPE A	274	S00° 00' 27.23"E	E:2135631.1468, N:156429.7413	E:2135631.1830, N:156155.5652
L74	TYPE A	397	N89° 59' 32.69"E	E:2135631.1830, N:156155.5652	E:2136028.1611, N:156155.6178
L75	TYPE A	274	N00° 00' 27.35"W	E:2136028.1611, N:156155.6178	E:2136028.1247, N:156429.7939
L76	TYPE A	427	N89° 59' 32.65"E	E:2136028.1247, N:156429.7939	E:2136455.4820, N:156429.8506
L77	TYPE A	276	S60° 40' 53.90"E	E:2136455.4820, N:156429.8506	E:2136696.4675, N:156294.5143
L78	TYPE A	212	S44° 03' 49.13"E	E:2136696.4675, N:156294.5143	E:2136843.6957, N:156142.3935
L79	TYPE A	289	S00° 00' 00.84"W	E:2136843.6957, N:156142.3935	E:2136843.6946, N:155853.0486

VM12 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L80	TYPE A	68	S00° 00' 00.00"E	E:2136814.7100, N:155799.0292	E:2136814.7100, N:155730.6701
L81	TYPE A	71	S18° 34' 36.88"W	E:2136814.7100, N:155730.6701	E:2136792.1458, N:155663.5326
L82	TYPE A	30	N90° 00' 00.00"W	E:2136792.1458, N:155663.5326	E:2136762.3778, N:155663.5326
L83	TYPE A	131	S16° 25' 25.06"W	E:2136762.3778, N:155663.5326	E:2136725.3381, N:155537.8736
L84	TYPE A	308	S19° 39' 37.31"W	E:2136725.3381, N:155537.8736	E:2136621.8297, N:155248.1546
L85	TYPE A	447	S89° 59' 29.48"W	E:2136621.8297, N:155248.1546	E:2136174.6338, N:155248.0884

VM13 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L86	TYPE B	53	N90° 00' 00.00"W	E:2136174.6338, N:155248.0884	E:2136121.4993, N:155253.0884
L87	TYPE B	187	N44° 39' 38.52"W	E:2136121.4993, N:155253.0884	E:2135990.3399, N:155385.8105
L88	TYPE B	270	S89° 58' 05.07"W	E:2135990.3399, N:155385.8105	E:2135720.3558, N:155385.6600
L89	TYPE B	142	N00° 00' 25.49"W	E:2135720.3558, N:155385.6600	E:2135720.3383, N:155527.2117
L90	TYPE B	303	S89° 59' 32.70"W	E:2135720.3383, N:155527.2117	E:2135417.6968, N:155527.1716
L91	TYPE B	188	N45° 05' 03.72"W	E:2135417.6968, N:155527.1716	E:2135284.6958, N:155659.7815
L92	TYPE B	247	S89° 59' 13.72"W	E:2135284.6958, N:155659.7815	E:2135037.2880, N:155659.7260
L93	TYPE B	86	N01° 07' 30.58"W	E:2135037.2880, N:155659.7260	E:2135035.6034, N:155745.4987

VM14 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L94	TYPE A	110	N58° 20' 55.21"W	E:2141194.1218, N:152437.5895	E:2141100.6172, N:152495.2295
L95	TYPE A	479	S89° 59' 36.34"W	E:2141100.6172, N:152495.2295	E:2140621.5018, N:152495.1745
L96	TYPE A	777	N71° 52' 28.81"W	E:2140621.5018, N:152495.1745	E:2139882.9943, N:152736.9174
L97	TYPE A	24	N60° 54' 02.00"W	E:2139882.9943, N:152736.9174	E:2139862.0809, N:152748.5573

VM15 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L98	TYPE A	70	N60° 54' 02.00"W	E:2139862.0809, N:152748.5573	E:2139800.8458, N:152782.6396
L99	TYPE A	166	N00° 00' 27.96"W	E:2139800.8458, N:152782.6396	E:2139800.8232, N:152948.9182
L100	TYPE A	164	N30° 23' 38.32"E	E:2139800.8232, N:152948.9182	E:2139884.0038, N:153090.7302
L101	TYPE A	154	N35° 23' 27.55"E	E:2139884.0038, N:153090.7302	E:2139973.1790, N:153216.2537

VM16 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING