

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.



A	FINAL LAND DEVELOPMENT PLANS	02-15-2022
NO.	REVISION	DATE

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

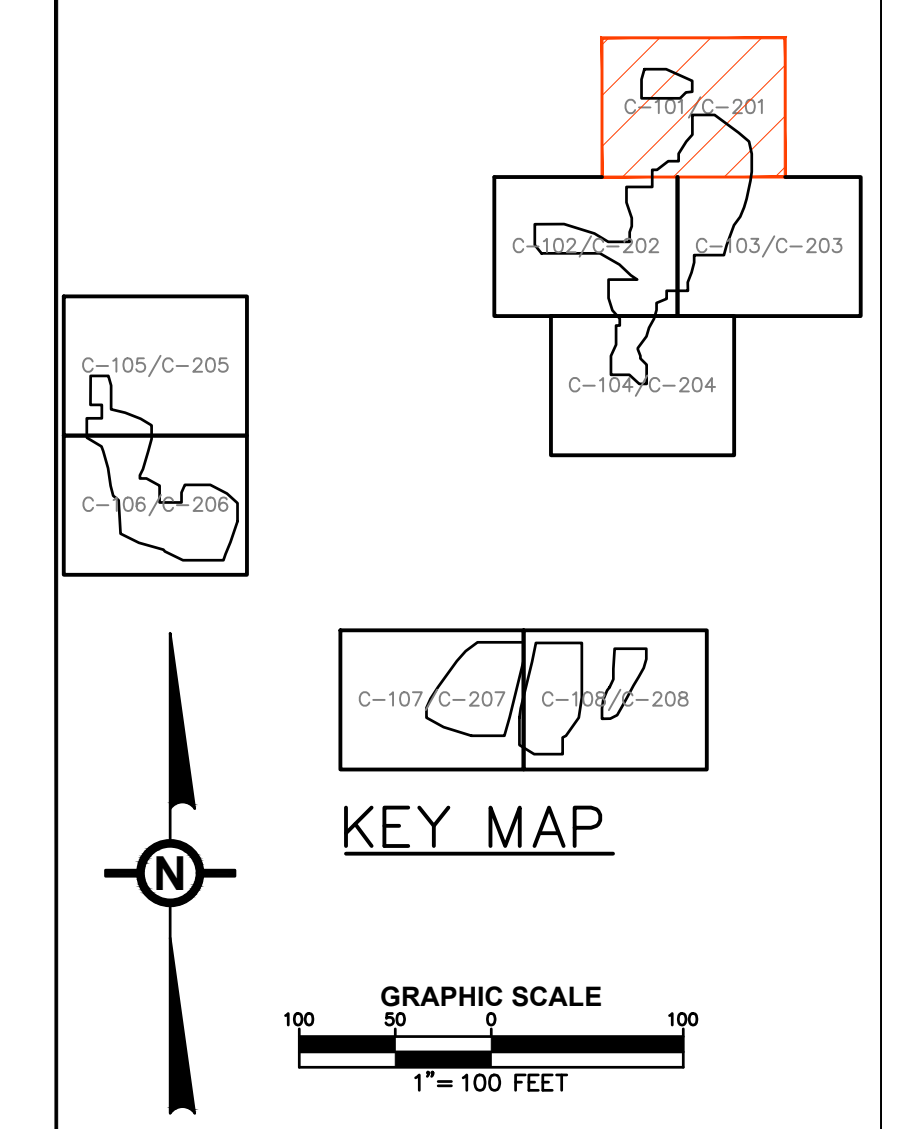
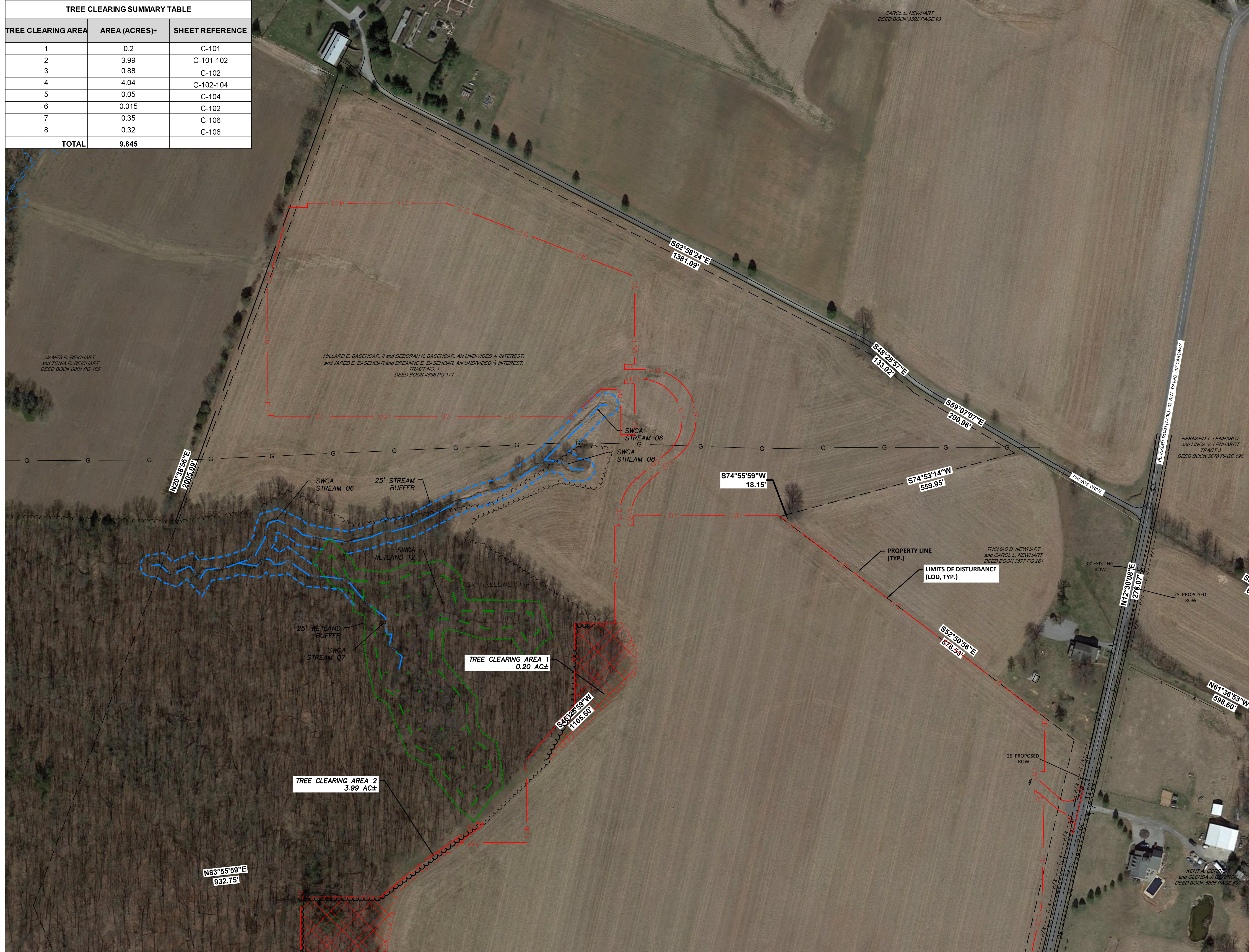
FINAL LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
 MT. JOY TOWNSHIP, PA

DRAWING TITLE:
OVERALL SITE PLAN

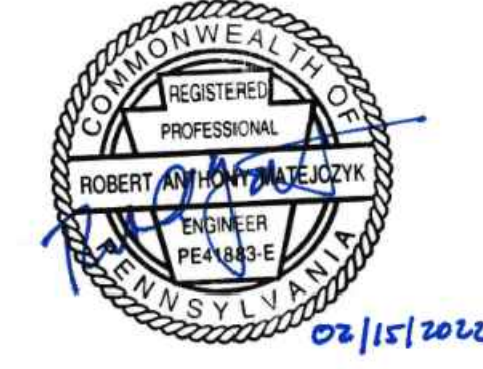
ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE:	AS SHOWN
	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-100

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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:
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 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

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

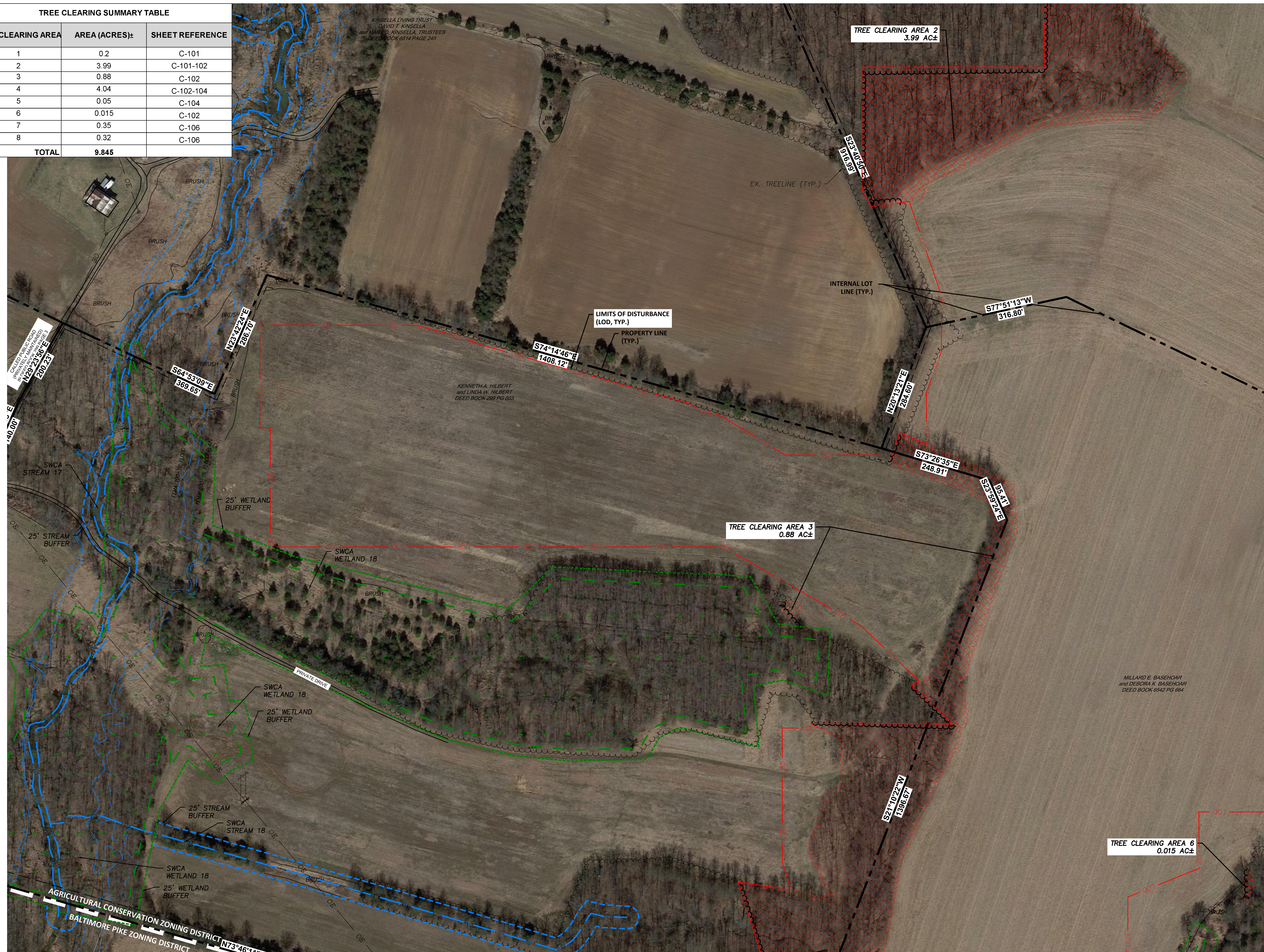
DRAWING TITLE:
 EXISTING CONDITIONS &
 TREE CLEARING PLAN (1)

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-101

MATCHLINE (SEE SHEET 102)

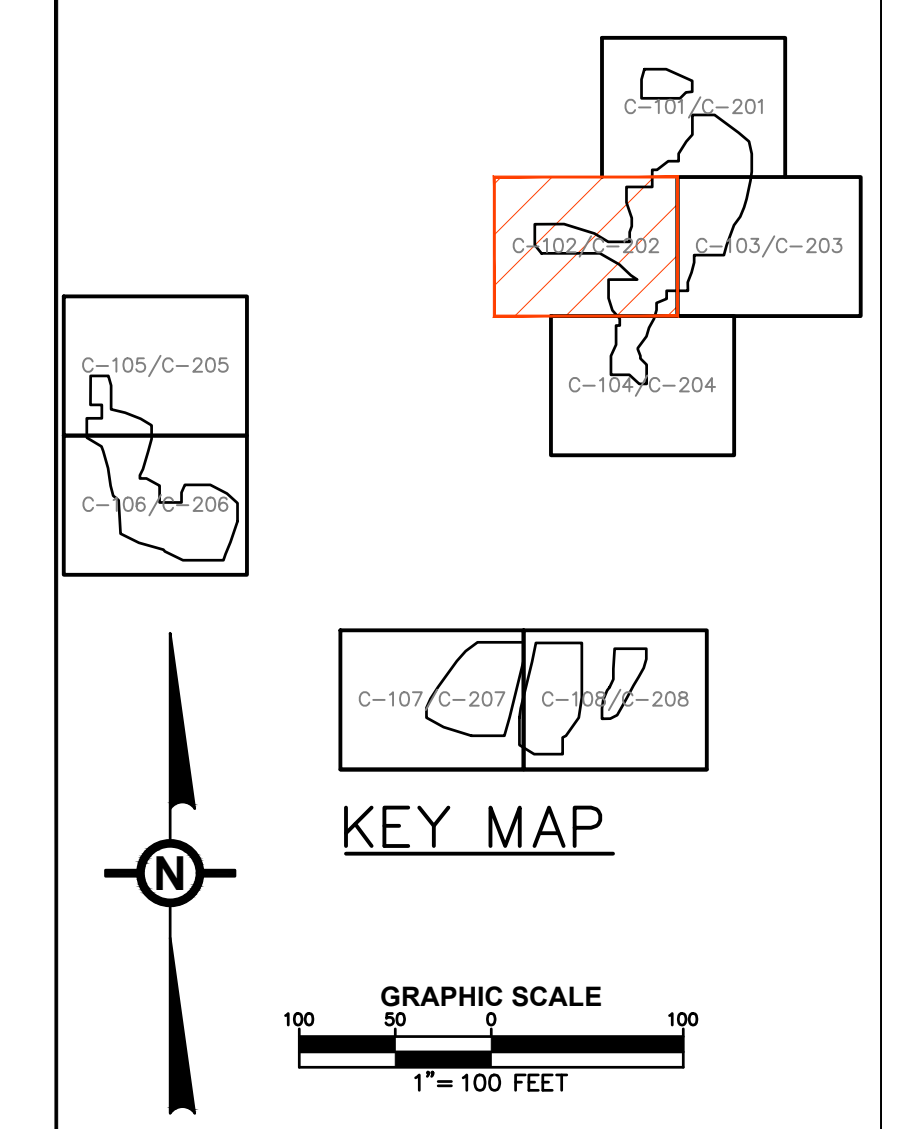
MATCHLINE (SEE SHEET 103)

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	

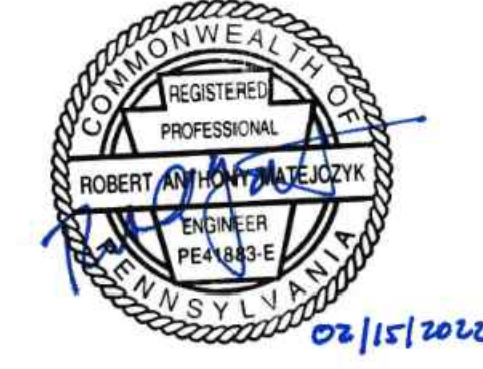


MATCHLINE (SEE SHEET 101)

MATCHLINE (SEE SHEET 104)



NOTE:
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700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

FINAL 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 TITLE:		C-102

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	



MILLARD E. BASEHOAR, II and DEBORAH K. BASEHOAR, AN UNDIVIDED 1/2 INTEREST, and JARED E. BASEHOAR and BREANNE E. BASEHOAR, AN UNDIVIDED 1/2 INTEREST, TRACT NO. 2, DEED BOOK 4696 PG 171

TRACY MCGAULIN and RACHEL MCGAULIN DEED BOOK 530 PAGE 172

JOSEPH A. HERCHEL JR and ABBY E. HERCHEL DEED BOOK 6636 PAGE 304

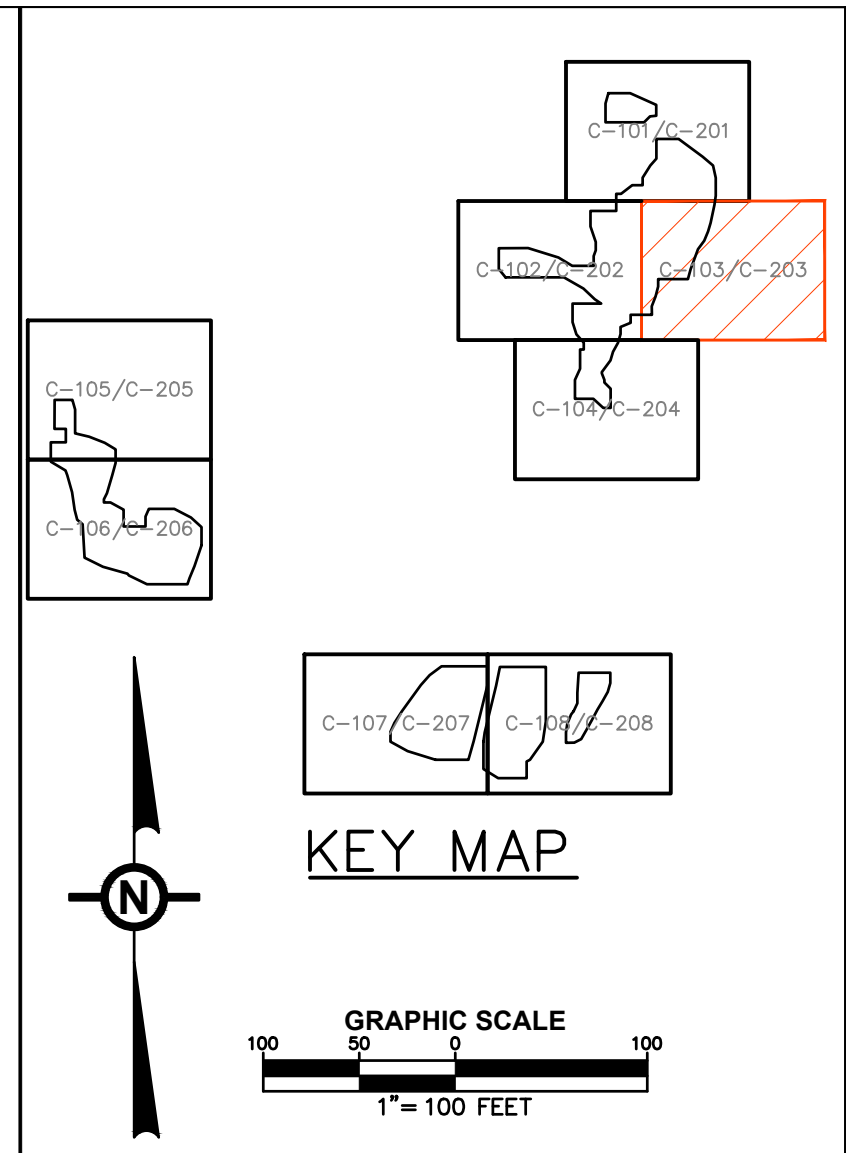
WILLIAM P. KRINER and DIANE C. KRINER DEED BOOK 6530 PG 310

CHARLES E. MASON and ANNE L. MASON DEED BOOK 6317 PG 251

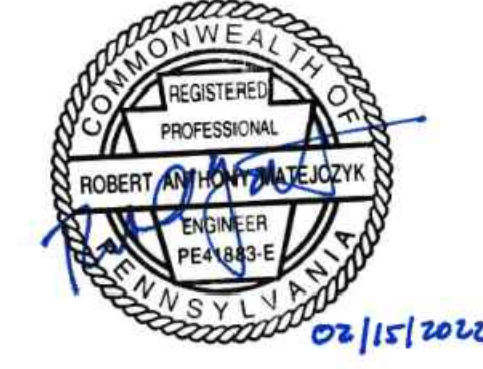
JAMES M. MORLEY and LORNA A. MORLEY DEED BOOK 2814 PG 288

BRIAN M. PARKER and ERIN R. PARKER DEED BOOK 1171

MATCHLINE (SEE SHEET 104)



NOTE:
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A	FINAL LAND DEVELOPMENT PLANS	02-15-2022
NO.	REVISION	DATE

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700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

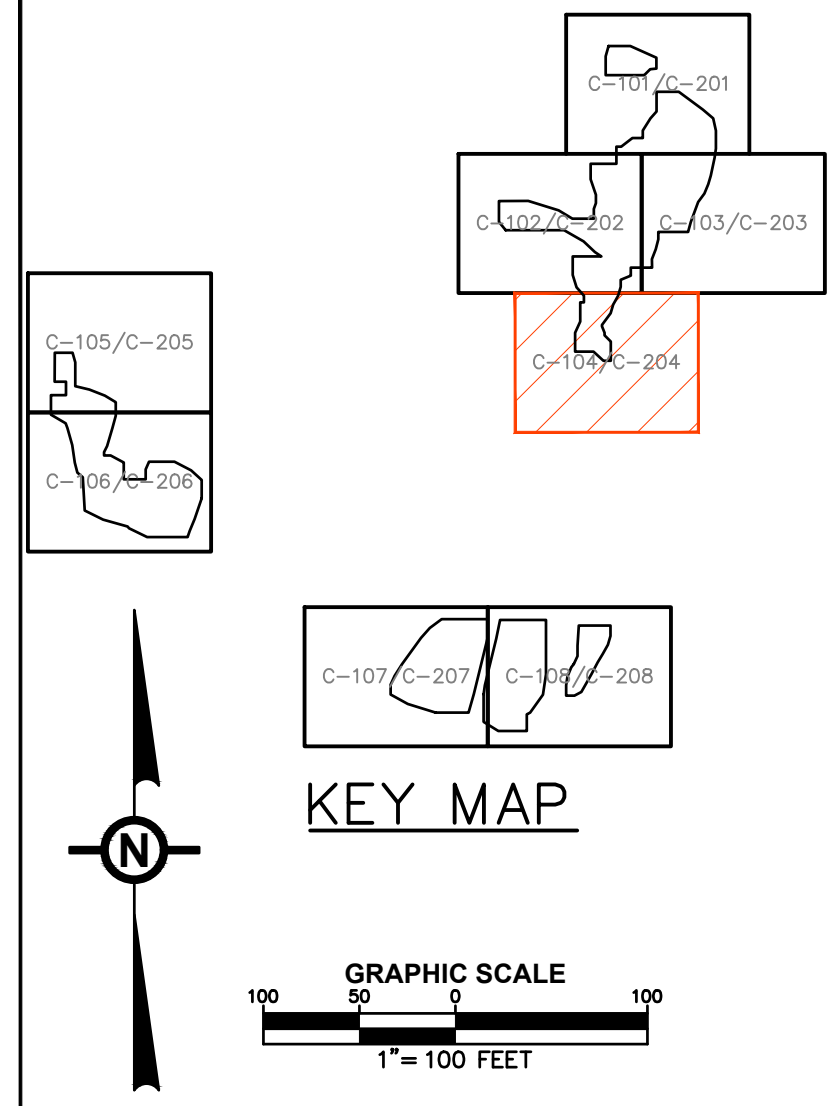
FINAL LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA

DRAWING TITLE:
EXISTING CONDITIONS & TREE CLEARING 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-103

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:
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NO.	REVISION	DATE
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

TRC TRC Engineers, Inc.
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 www.trcsolutions.com

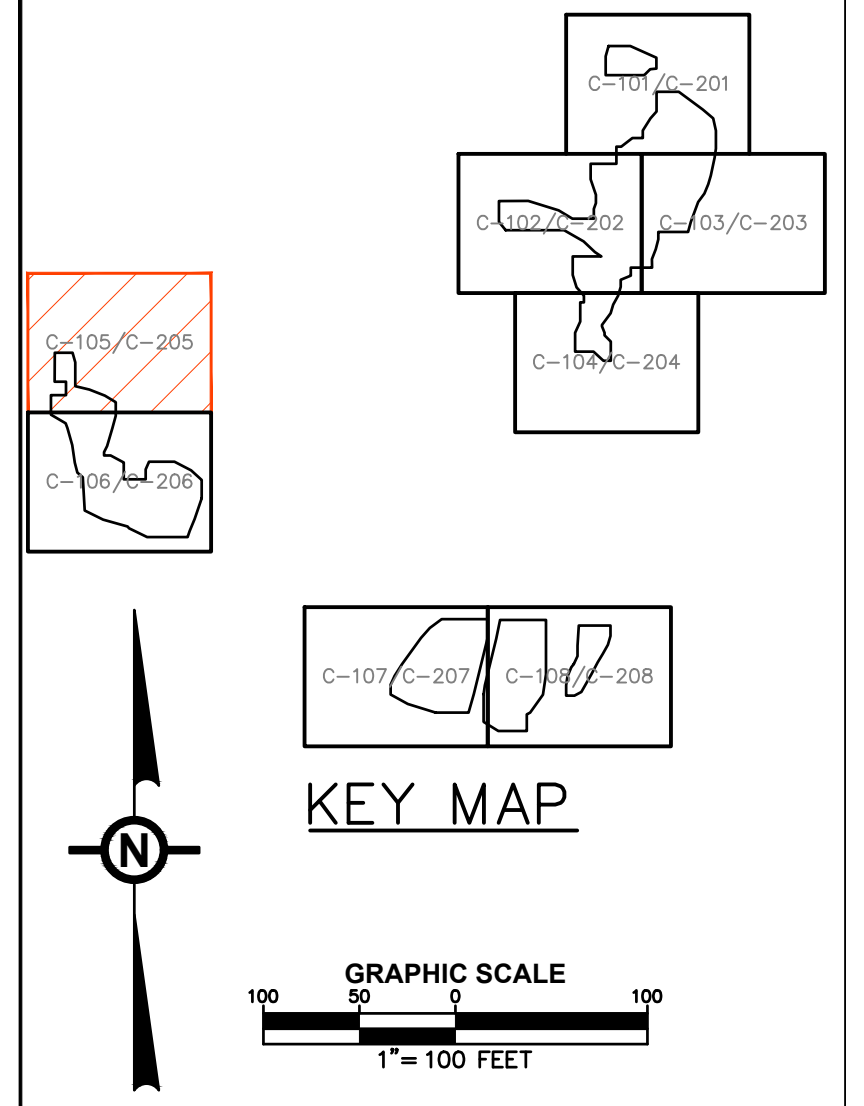
APPLICANT: BROOKVIEW SOLAR I, LLC.
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

FINAL 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:
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NO.	REVISION	DATE

NO.	REVISION	DATE
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APPLICANT: BROOKVIEW SOLAR I, LLC.
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

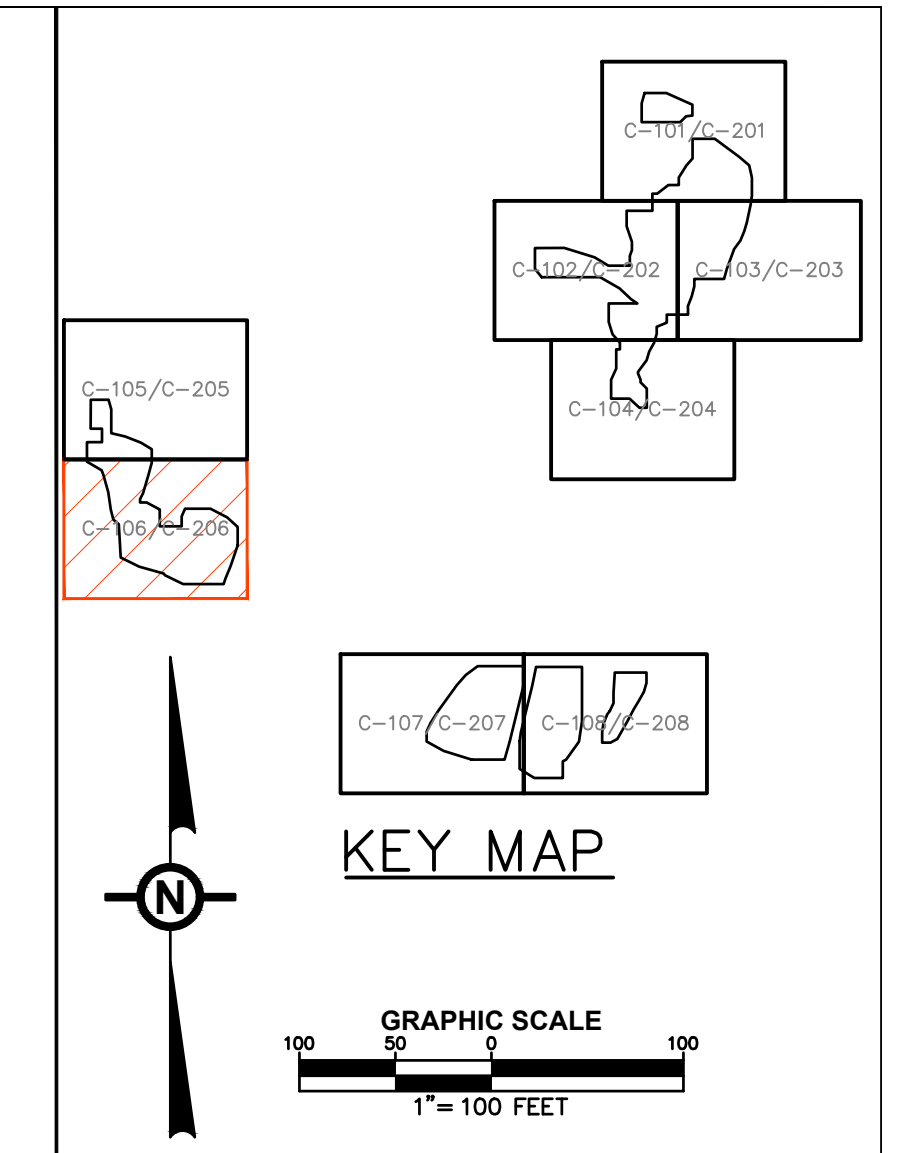
FINAL LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
 MT. JOY TOWNSHIP, PA

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:
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A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

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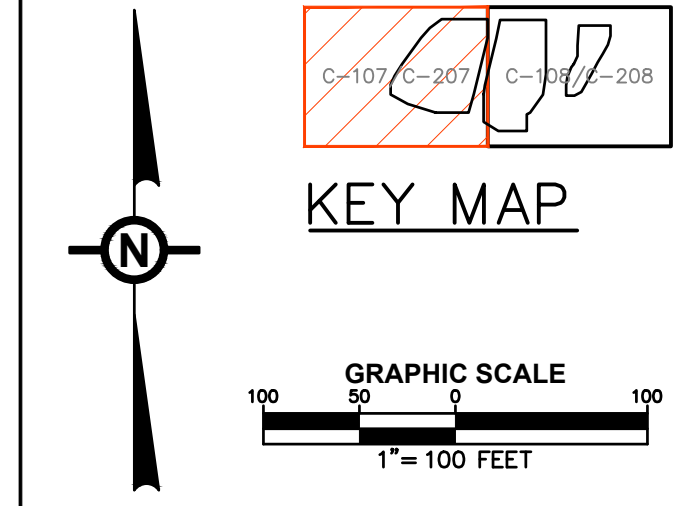
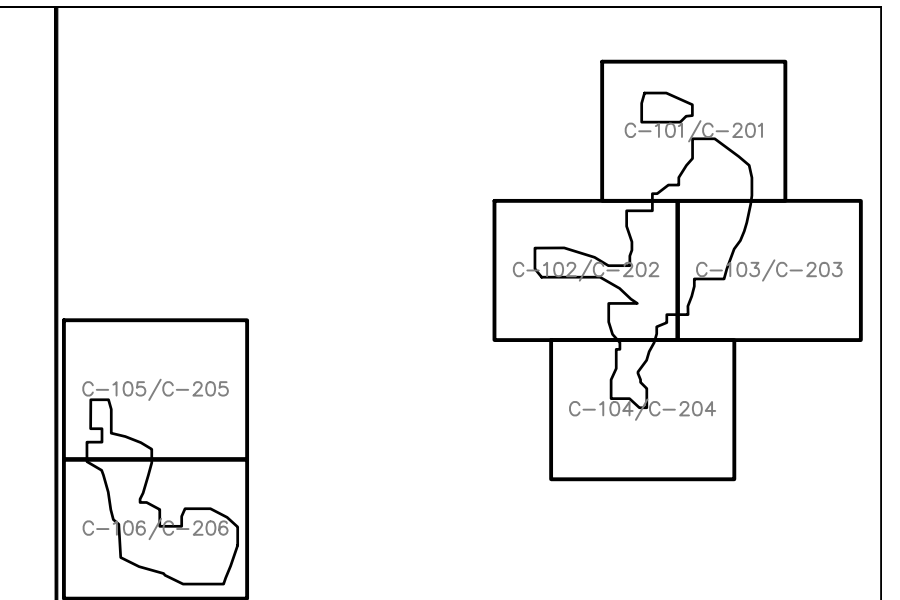
APPLICANT: BROOKVIEW SOLAR I, LLC.
 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

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

DRAWING TITLE:
 EXISTING CONDITIONS &
 TREE CLEARING 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-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.



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

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

DRAWING TITLE:
EXISTING CONDITIONS & TREE CLEARING PLAN (7)

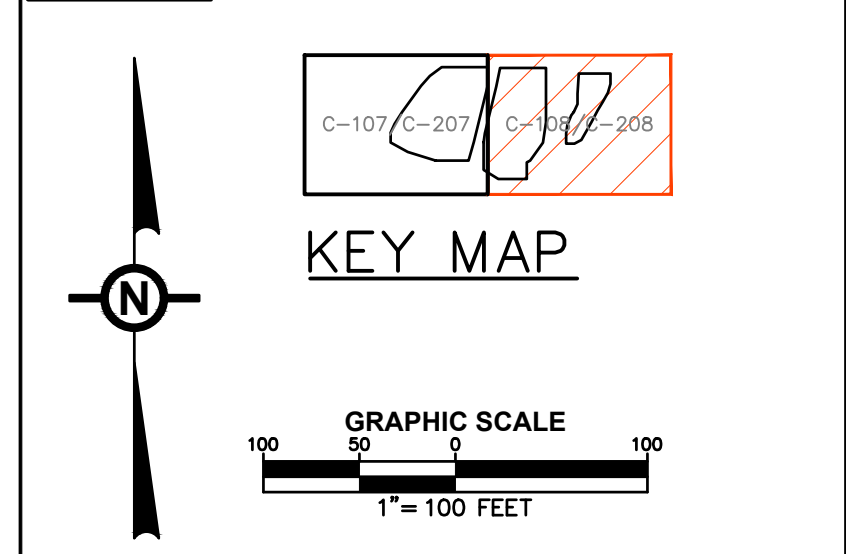
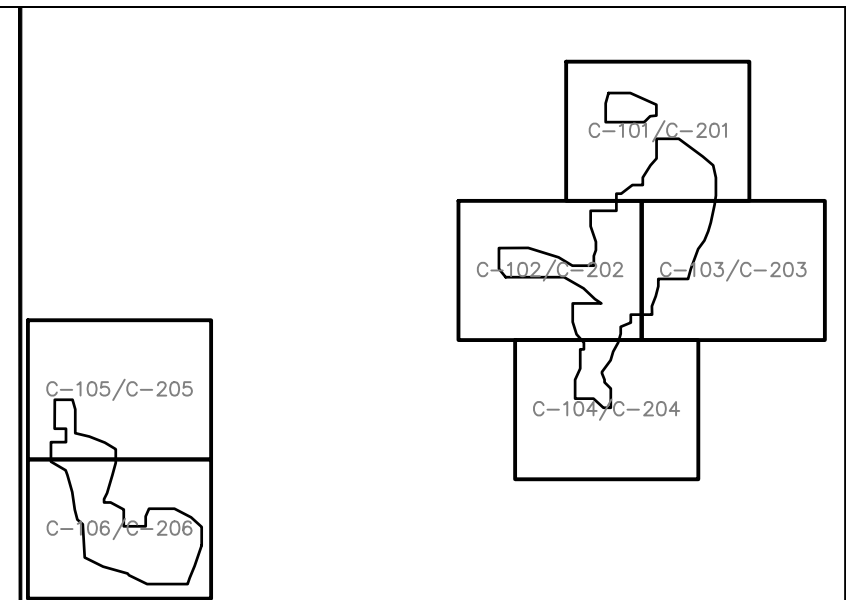
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	DATE:	09/21/2021
	DRAWN BY:	MKS/JUN
	CHECKED BY:	RAM
	PROJECT:	434186
	DRAWING NO.:	C-107

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	



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
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

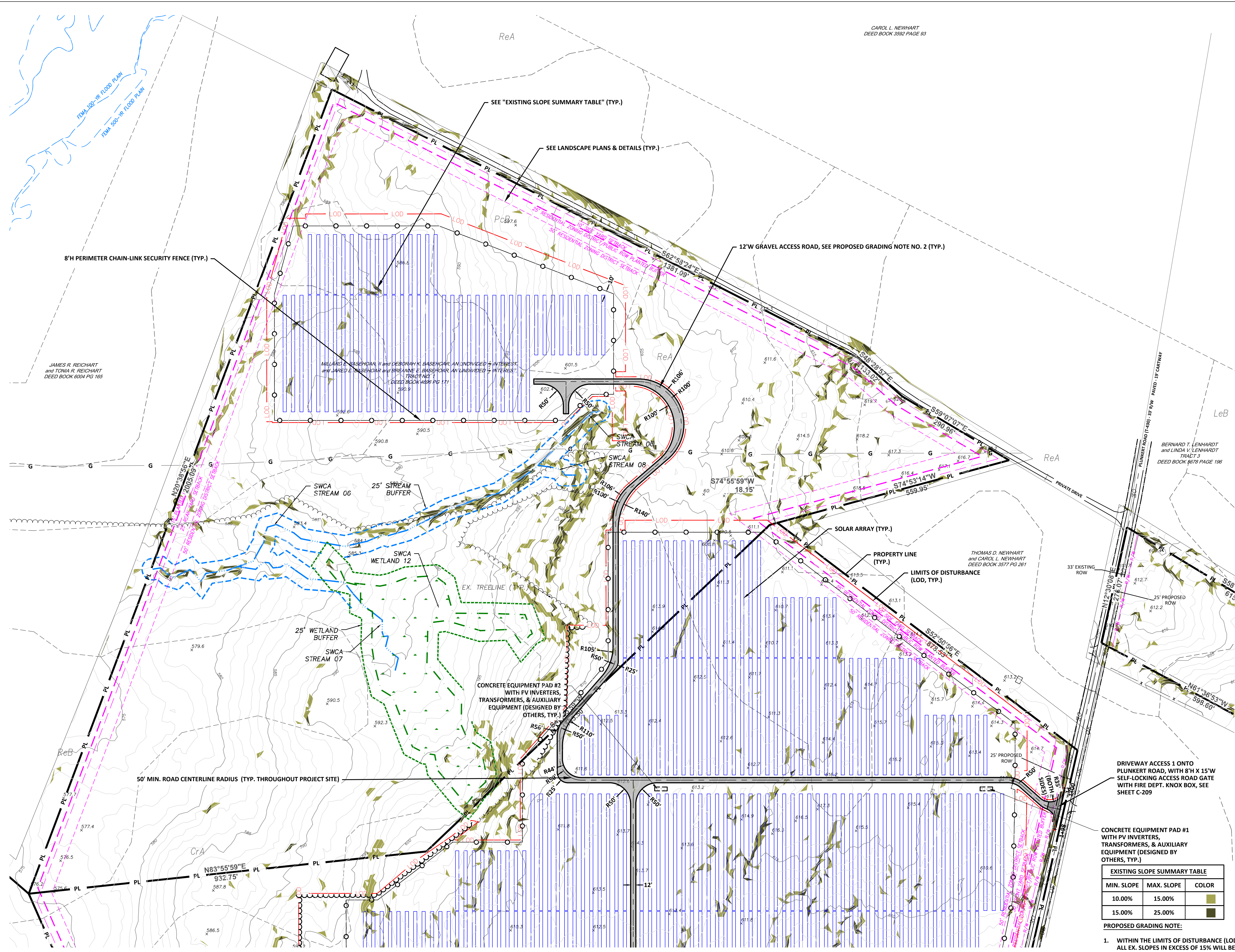
TRC TRC Engineers, Inc.
4900 Ritter Road
Suite 240
Mechanicsburg, PA 17055
Tel: 717-671-6430
www.trcsolutions.com

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

FINAL 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



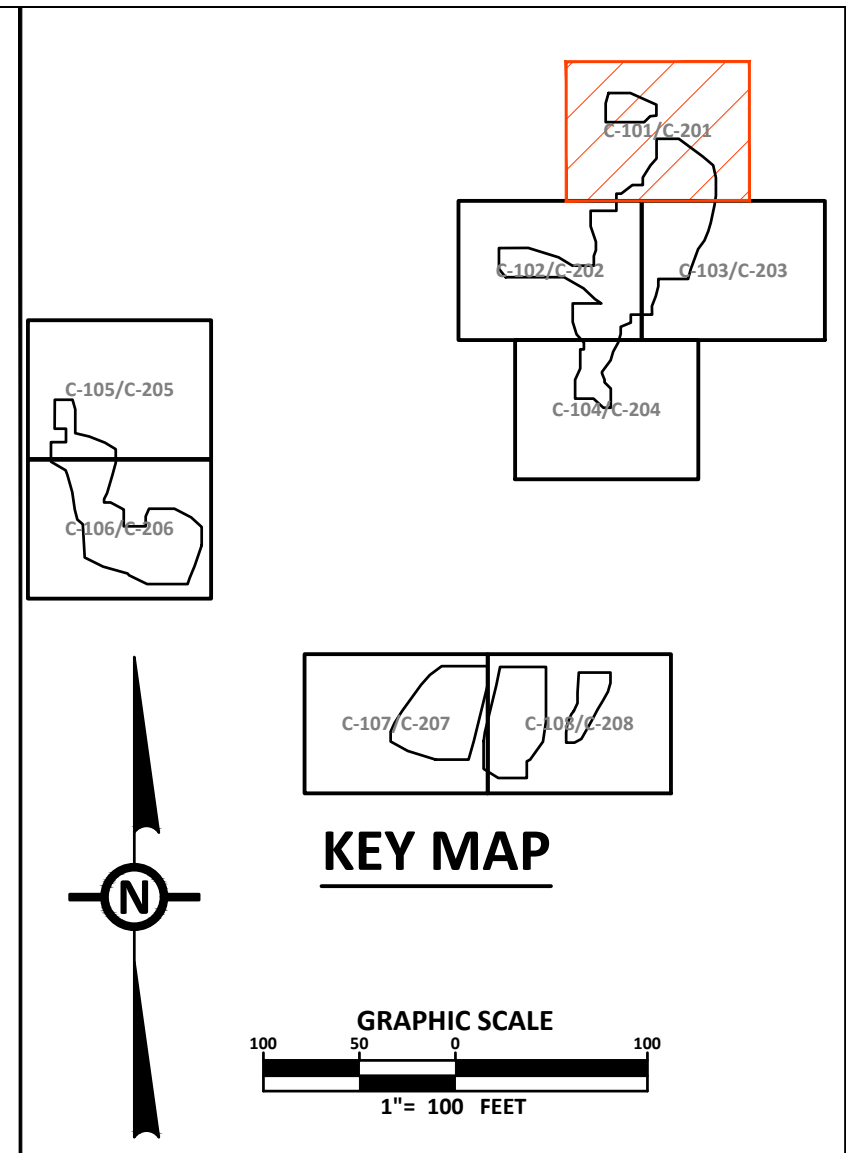
CAROL L. NEWHART
DEED BOOK 3592 PAGE 83

JAMES R. REICHART
and TONIA R. REICHART
DEED BOOK 6004 PG 165

MILLARD C. BASENOR II and DEBORAH K. BASENOR, AN UNDIVIDED INTEREST,
and JARED E. BASENOR and BREANNE E. BASENOR, AN UNDIVIDED INTEREST,
TRACT 1
DEED BOOK 4899 PG 171

BERNARD T. LENHARDT
and LINDA V. LENHARDT
TRACT 3
DEED BOOK 9678 PAGE 196

THOMAS D. NEWHART
and CAROL L. NEWHART
DEED BOOK 3377 PG 261



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

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

DRAWING TITLE:
SITE PLAN (1)

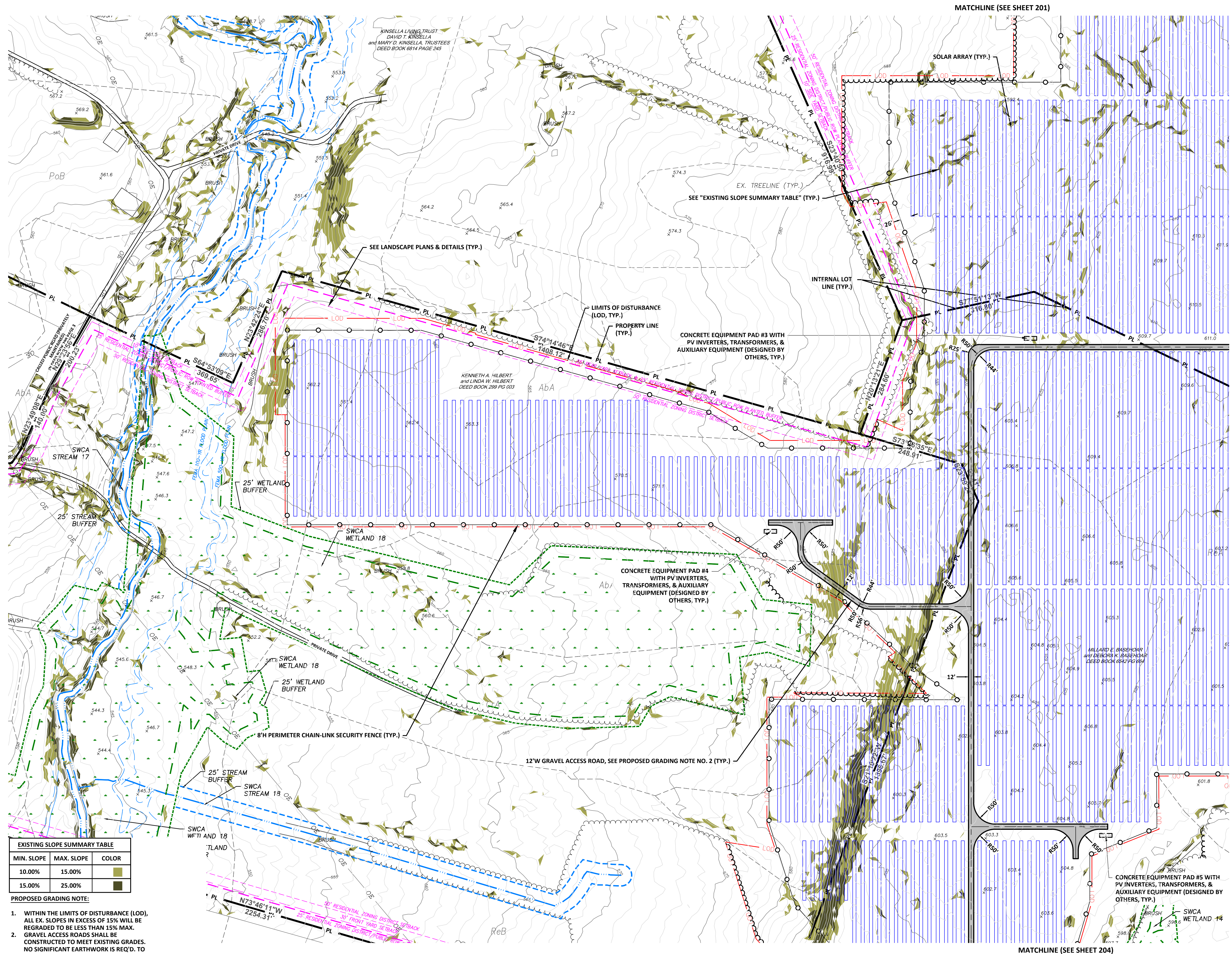
ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.	SCALE: 1"=100'
	DATE: 09/21/2021
	DRAWN BY: MKS/JUN
	CHECKED BY: RAM
	PROJECT: 434186
	DRAWING NO.: C-201

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

- PROPOSED GRADING NOTE:
- WITHIN THE LIMITS OF DISTURBANCE (LOD), ALL EX. SLOPES IN EXCESS OF 15% WILL BE REGRADED TO BE LESS THAN 15% MAX.
 - GRAVEL ACCESS ROADS SHALL BE CONSTRUCTED TO MEET EXISTING GRADES. NO SIGNIFICANT EARTHWORK IS REQ'D. TO CONSTRUCT THE SOLAR ENERGY SYSTEM.

MATCHLINE (SEE SHEET 202)

MATCHLINE (SEE SHEET 203)



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 15% WILL BE REGRADED TO BE LESS THAN 15% MAX.
 - GRAVEL ACCESS ROADS SHALL BE CONSTRUCTED TO MEET EXISTING GRADES. NO SIGNIFICANT EARTHWORK IS REQ'D. TO CONSTRUCT THE SOLAR ENERGY SYSTEM.

MATCHLINE (SEE SHEET 201)

KEY MAP

GRAPHIC SCALE
1" = 100 FEET

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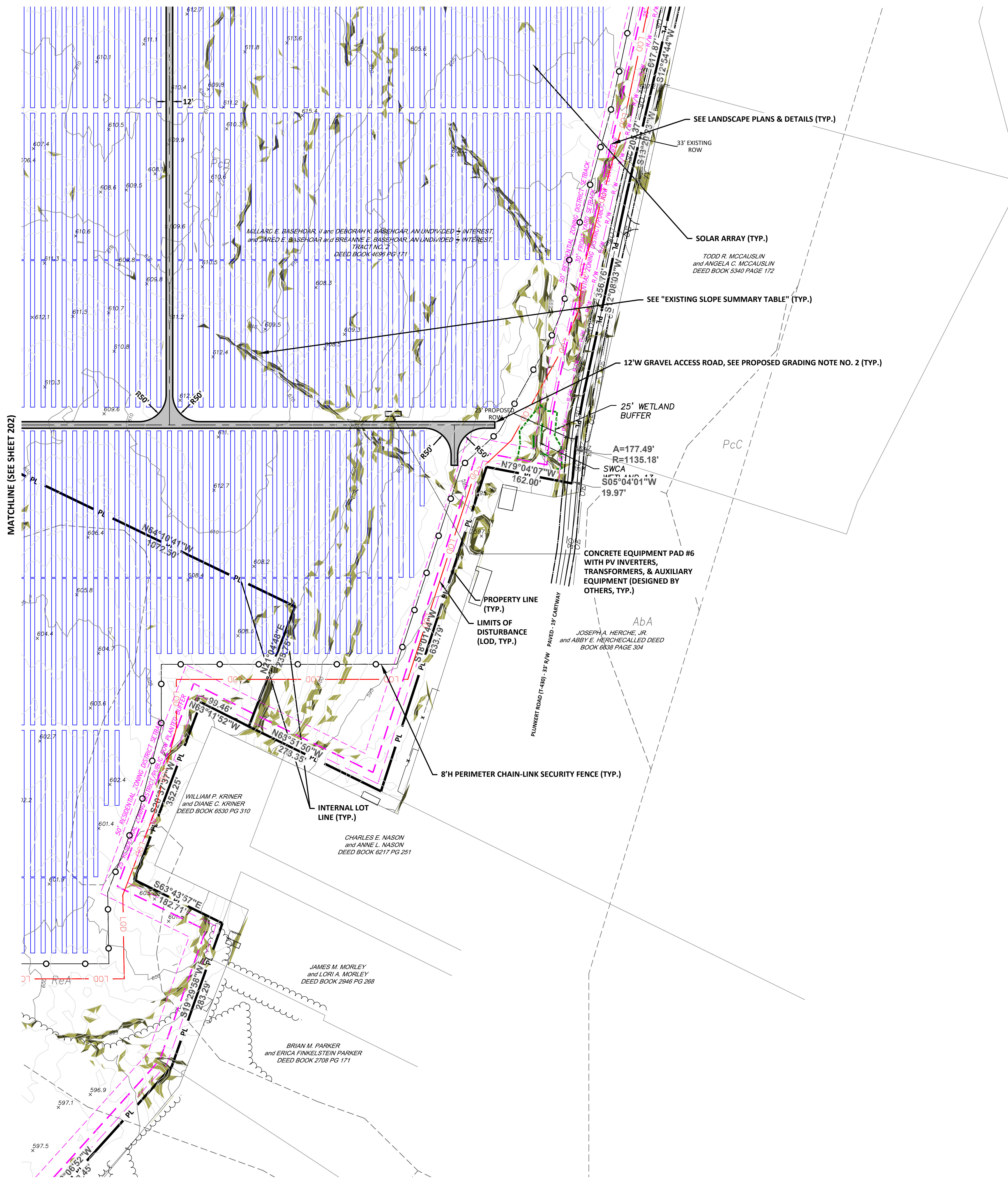
DRAWING TITLE:
FINAL LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA

DRAWING TITLE:
SITE PLAN (2)

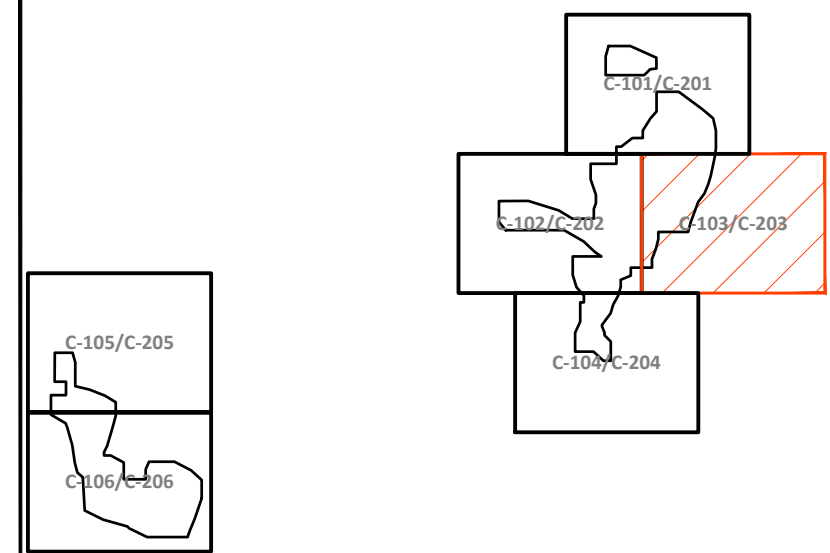
ISSUE FOR PERMITTING ONLY. NOT INTENDED FOR CONSTRUCTION OR BIDDING PURPOSES.

SCALE:	1"=100'
DATE:	09/21/2021
DRAWN BY:	MKS/JUN
CHECKED BY:	RAM
PROJECT:	434186
DRAWING NO.:	C-202

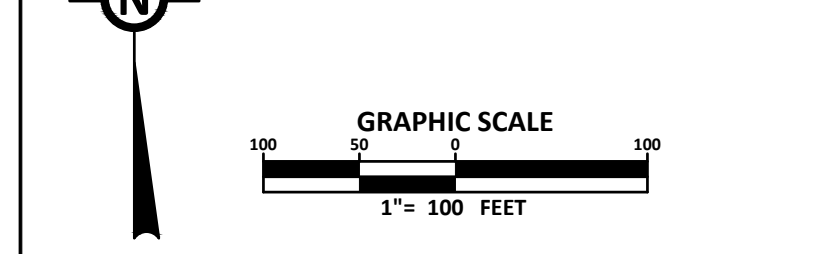
MATCHLINE (SEE SHEET 201)



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.



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 700 UNIVERSE BLVD.
 JUNO BEACH, FL 32408

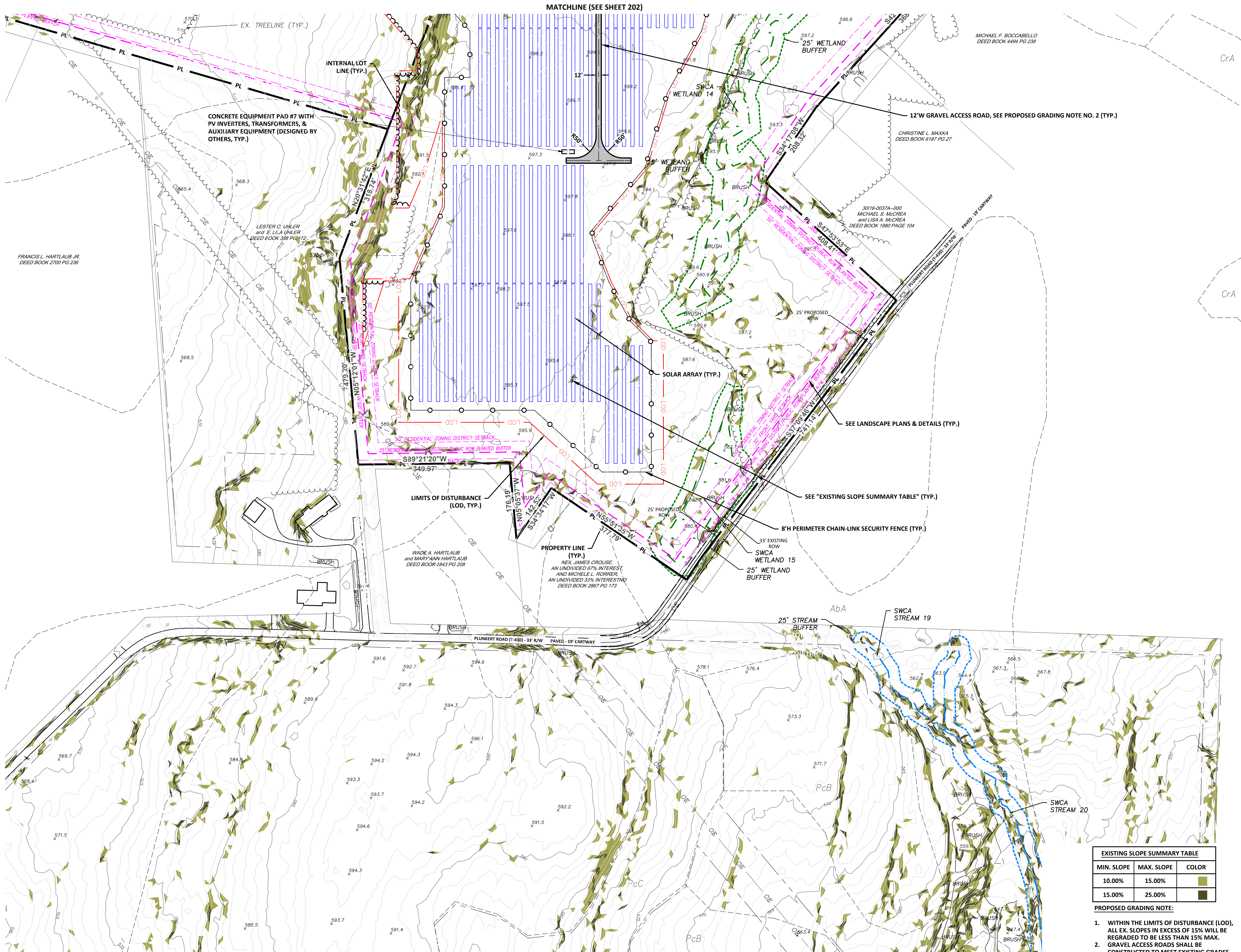
**FINAL LAND DEVELOPMENT PLAN
 BROOKVIEW SOLAR I, LLC.
 SOLAR PROJECT
 MT. JOY TOWNSHIP, PA**

**DRAWING TITLE:
 SITE PLAN (3)**

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

- PROPOSED GRADING NOTE:**
- WITHIN THE LIMITS OF DISTURBANCE (LOD), ALL EX. SLOPES IN EXCESS OF 15% WILL BE REGRADED TO BE LESS THAN 15% MAX.
 - GRAVEL ACCESS ROADS SHALL BE CONSTRUCTED TO MEET EXISTING GRADES. NO SIGNIFICANT EARTHWORK IS REQ'D. TO CONSTRUCT THE SOLAR ENERGY SYSTEM.

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	



MATCHLINE (SEE SHEET 202)

CONCRETE EQUIPMENT PAD #7 WITH PV INVERTERS, TRANSFORMERS, & AUXILIARY EQUIPMENT (DESIGNED BY OTHERS, TYP.)

SOLAR ARRAY (TYP.)

SEE "EXISTING SLOPE SUMMARY TABLE" (TYP.)

8'H PERIMETER CHAIN-LINK SECURITY FENCE (TYP.)

LIMITS OF DISTURBANCE (LOD, TYP.)

PROPERTY LINE (TYP.)

SWCA WETLAND 15

25' WETLAND BUFFER

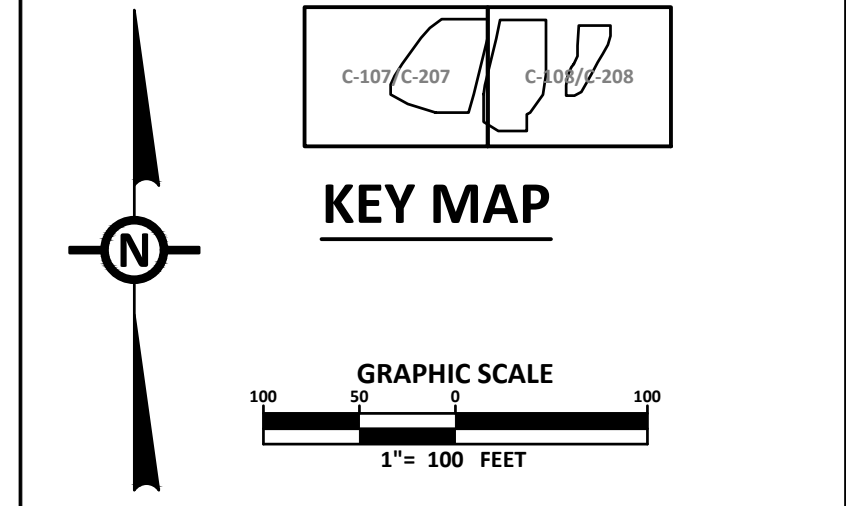
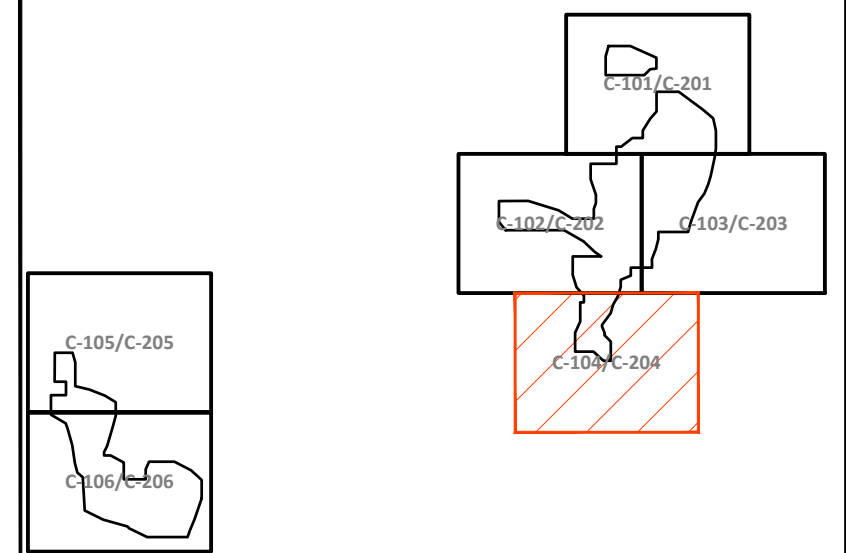
25' STREAM BUFFER

SWCA STREAM 19

SWCA STREAM 20

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 15% WILL BE REGRADED TO BE LESS THAN 15% MAX.
 - GRAVEL ACCESS ROADS SHALL BE CONSTRUCTED TO MEET EXISTING GRADES. NO SIGNIFICANT EARTHWORK IS REQ'D. 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
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

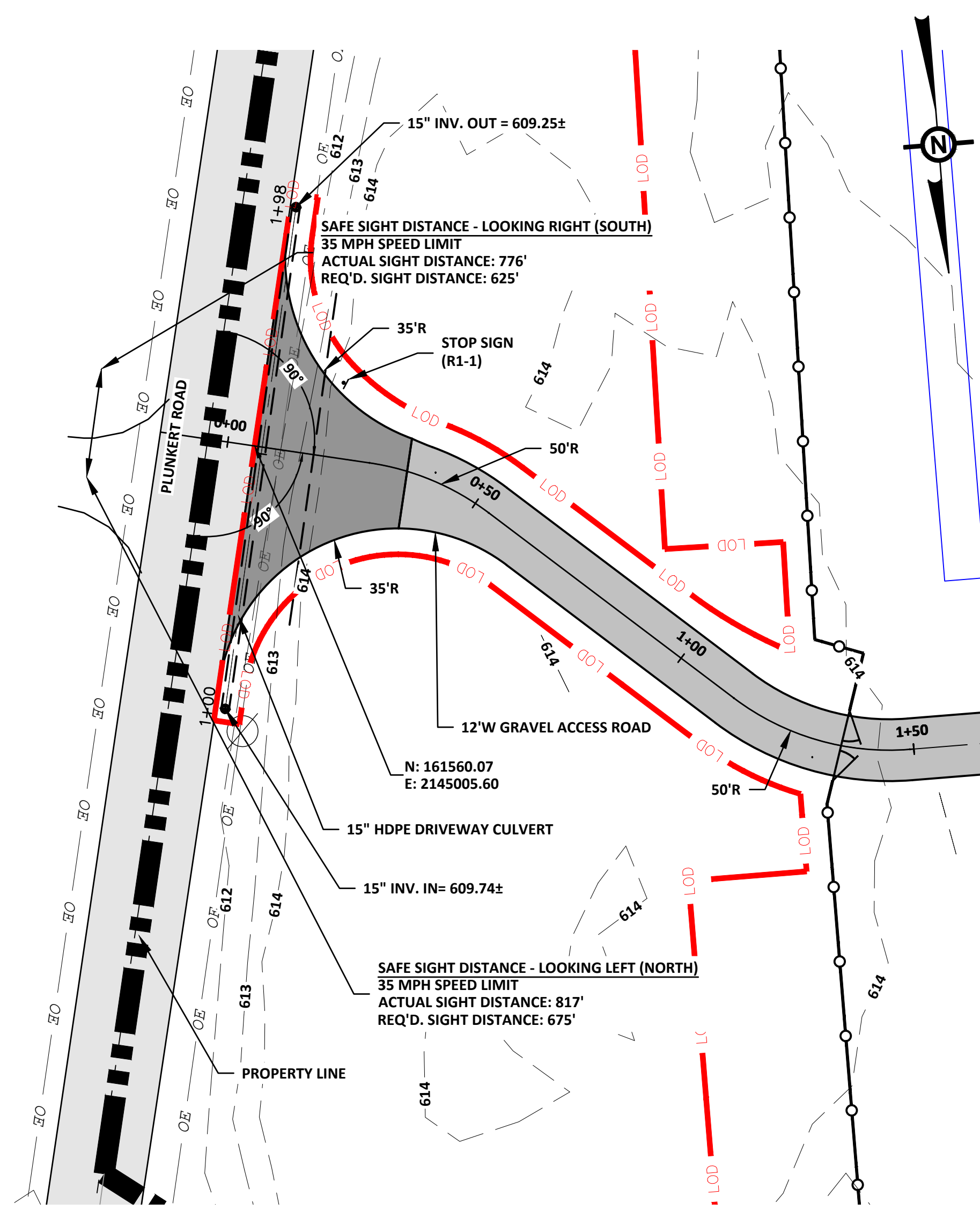
TRC TRC Engineers, Inc.
4900 Ritter Road
Suite 240
Mechanicsburg, PA 17055
Tel: 717-671-6430
www.trcsolutions.com

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

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

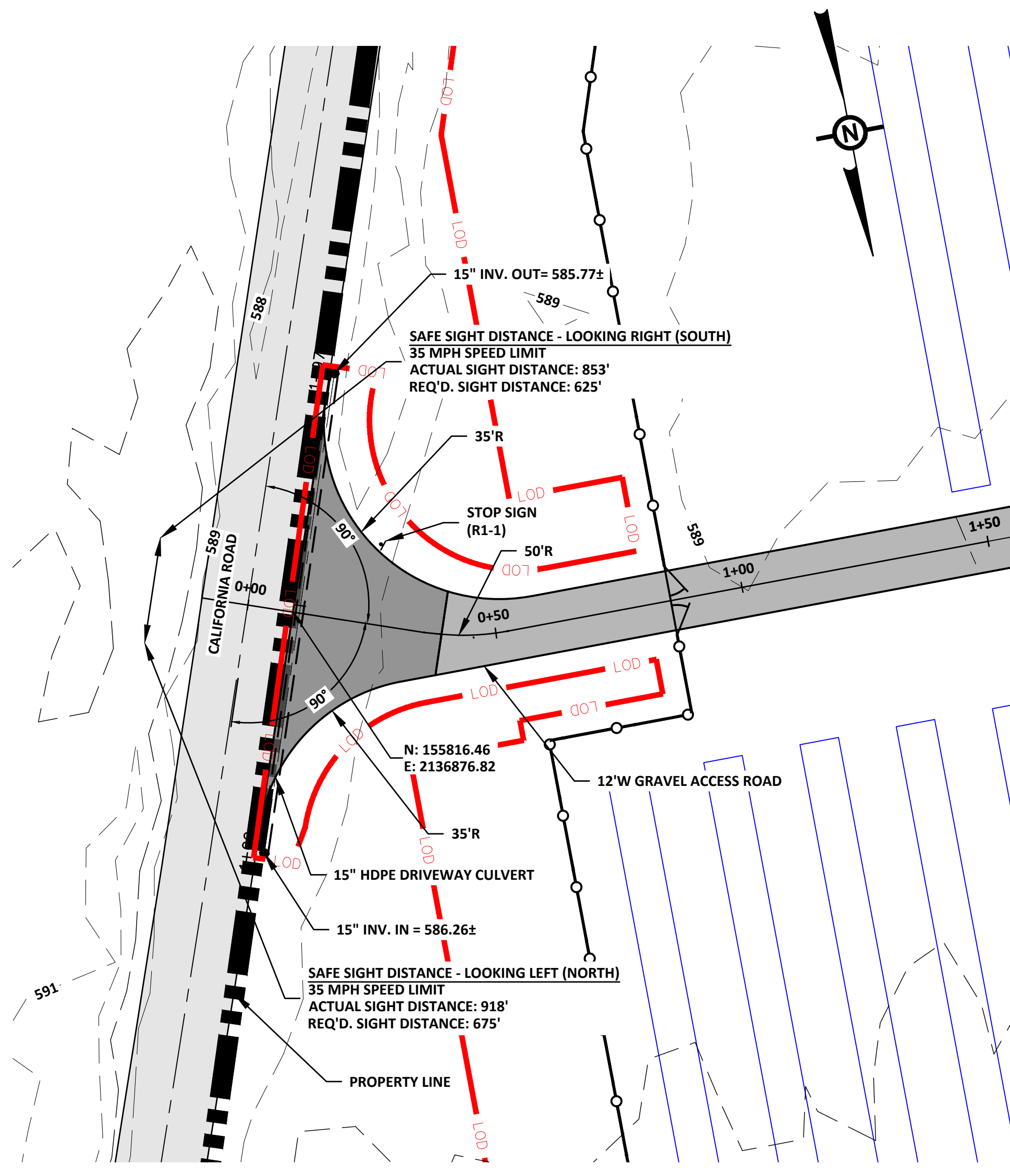
DRAWING TITLE: SITE PLAN (4)

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-204



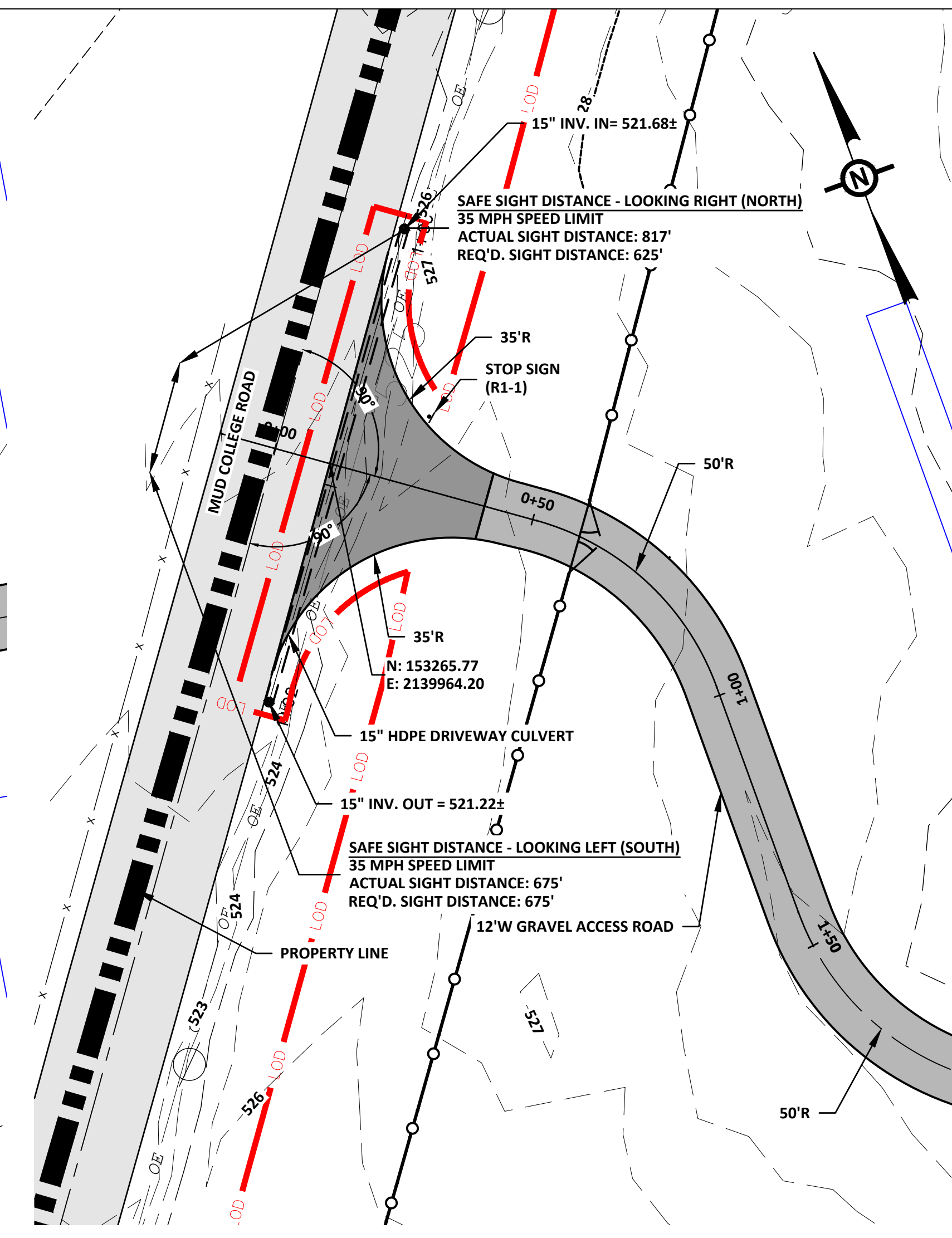
**DRIVEWAY ACCESS 1
PLUNKERT ROAD - PLAN (SEE SHEET C-201)**

SCALE: 1"=20'



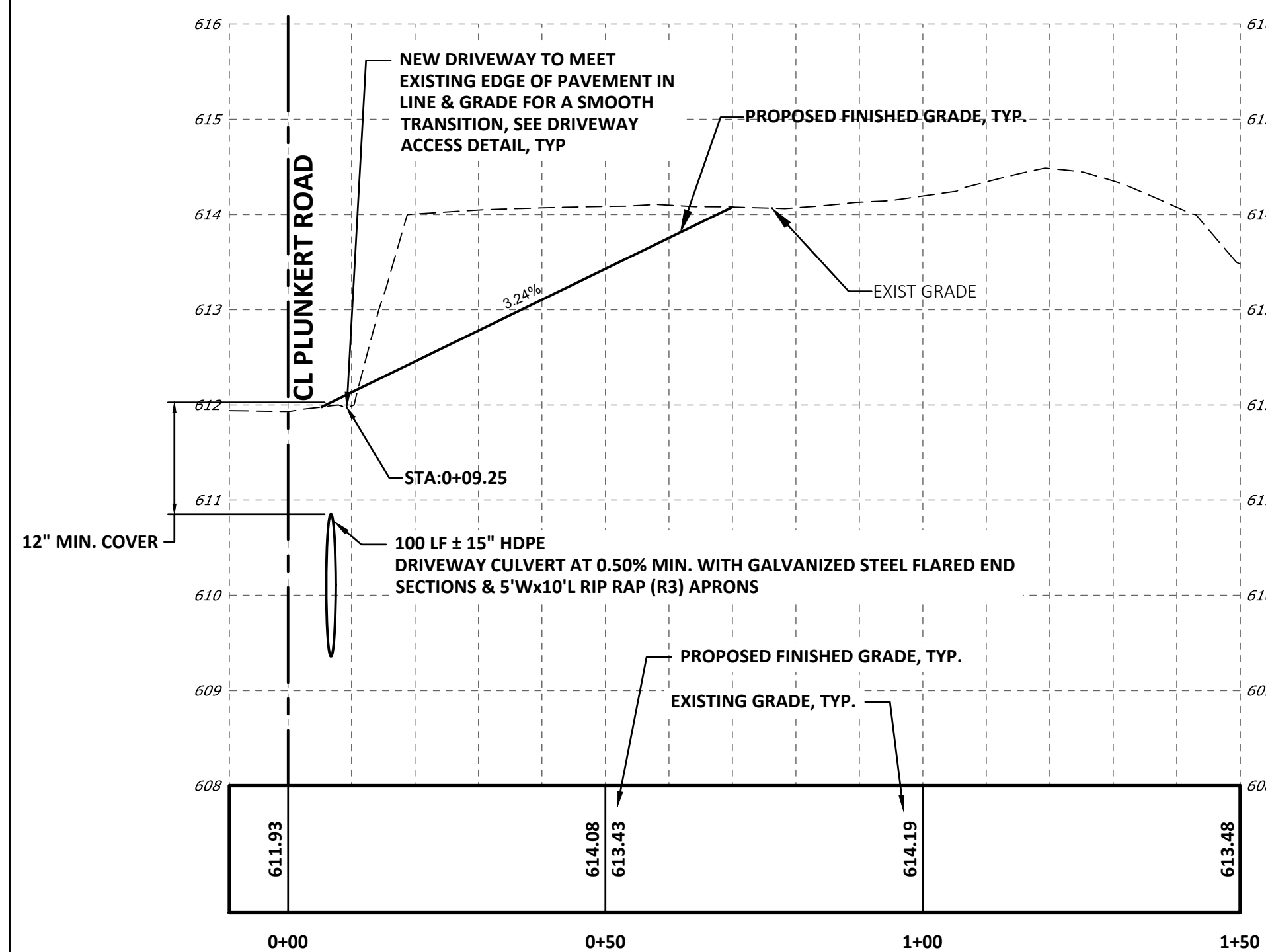
**DRIVEWAY ACCESS 2
CALIFORNIA ROAD - PLAN (SEE SHEET C-206)**

SCALE: 1"=20'



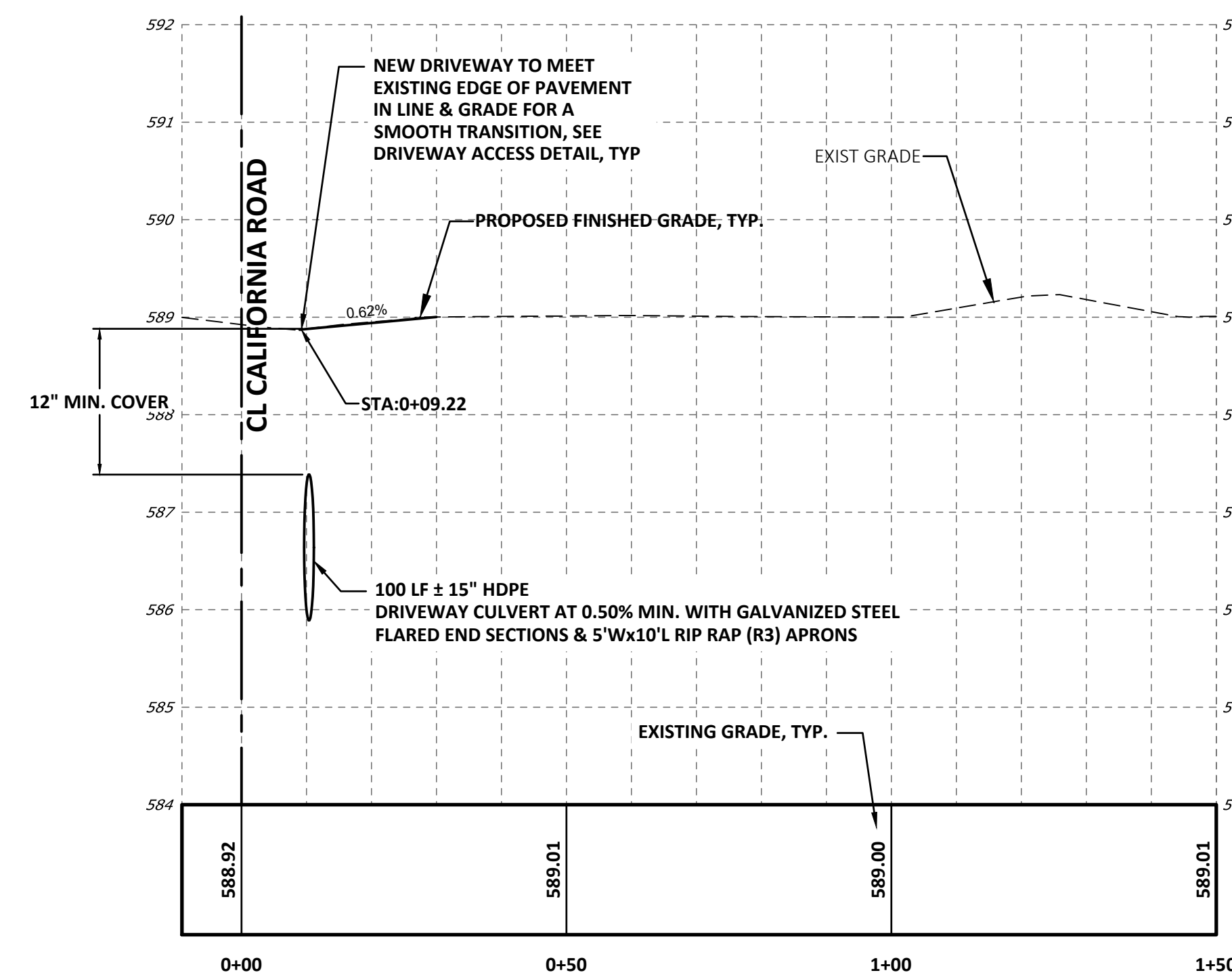
**DRIVEWAY ACCESS 3
MUD COLLEGE ROAD - PLAN (SEE SHEET C-207)**

SCALE: 1"=20'



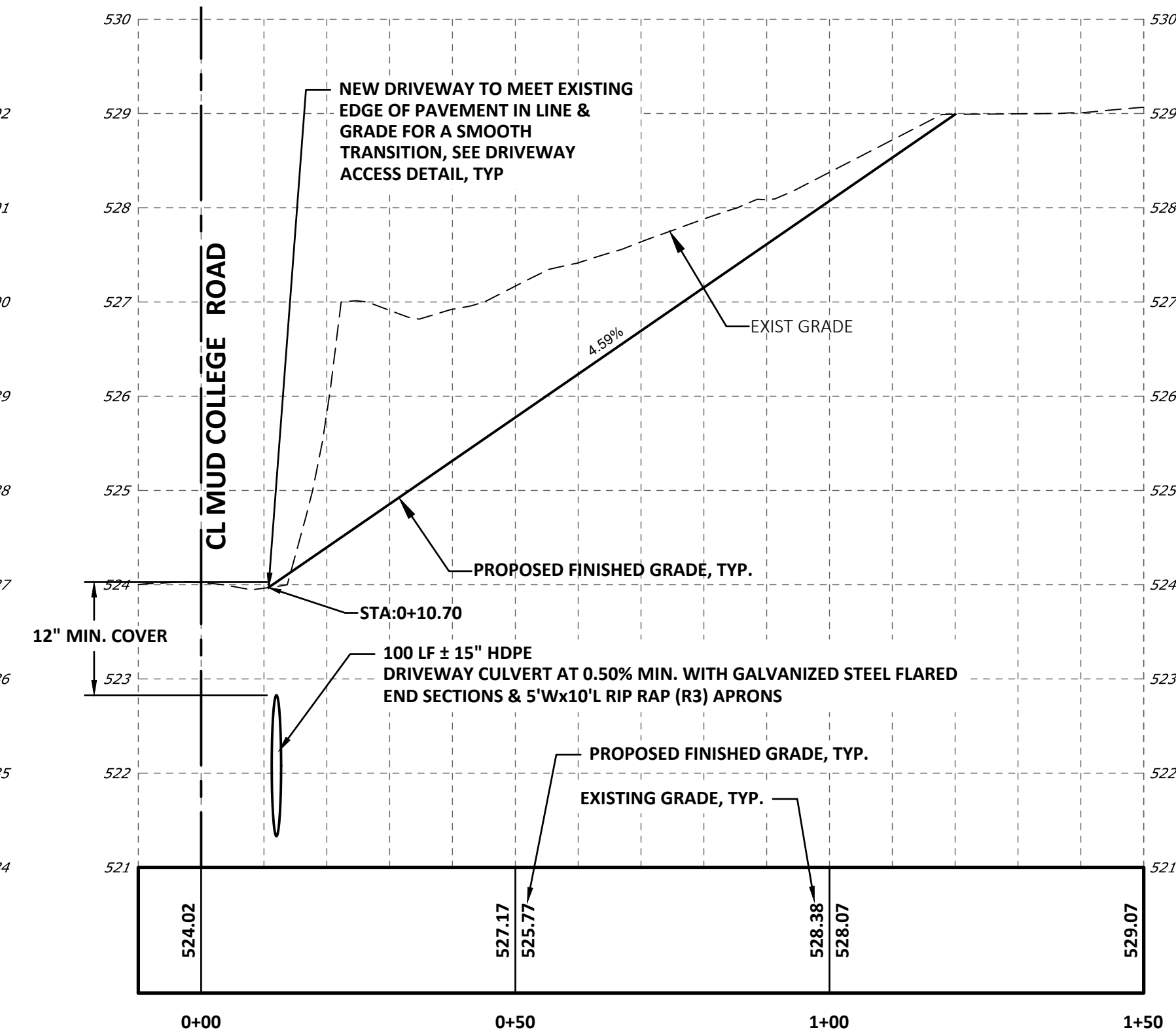
**DRIVEWAY ACCESS 1
PLUNKERT ROAD - PROFILE**

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'

NOTE:
1. PROPOSED FINISHED CONTOURS ARE NOT SHOWN IN THESE PLANS. 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.



NO.	REVISION	DATE
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

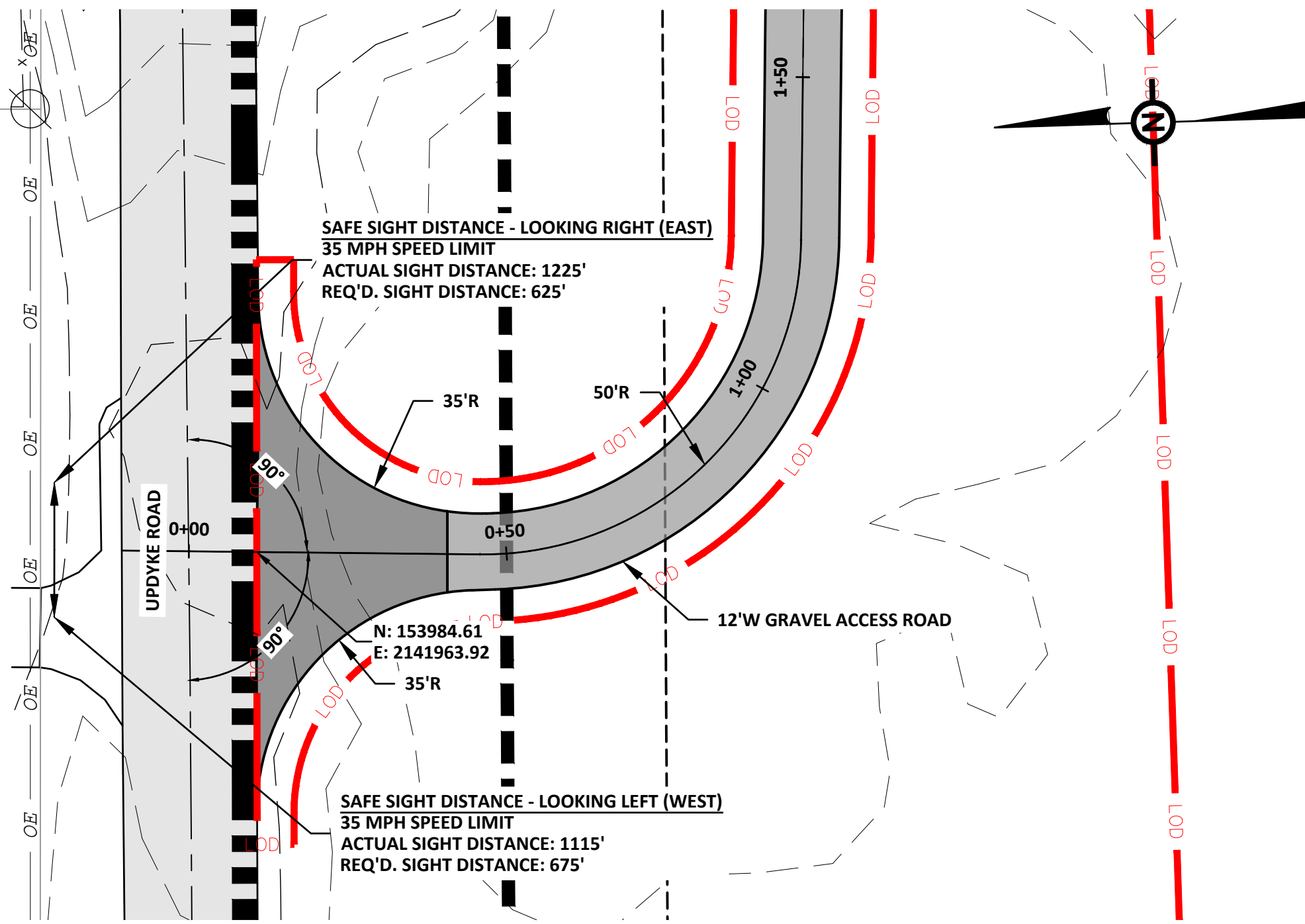


APPLICANT: **BROOKVIEW SOLAR I, LLC.**
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

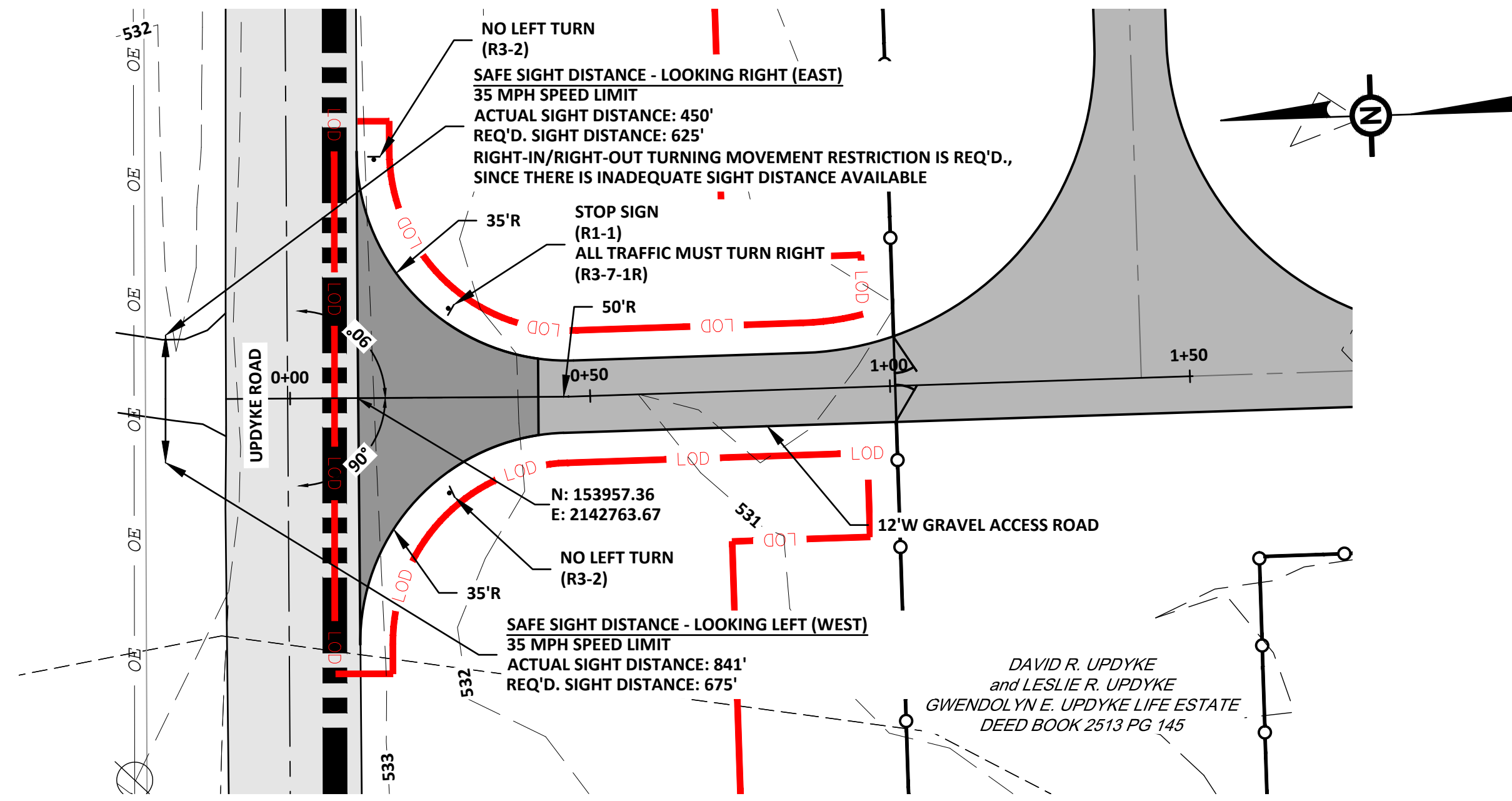
**FINAL LAND DEVELOPMENT PLAN
BROOKVIEW SOLAR I, LLC.
SOLAR PROJECT
MT. JOY TOWNSHIP, PA**

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

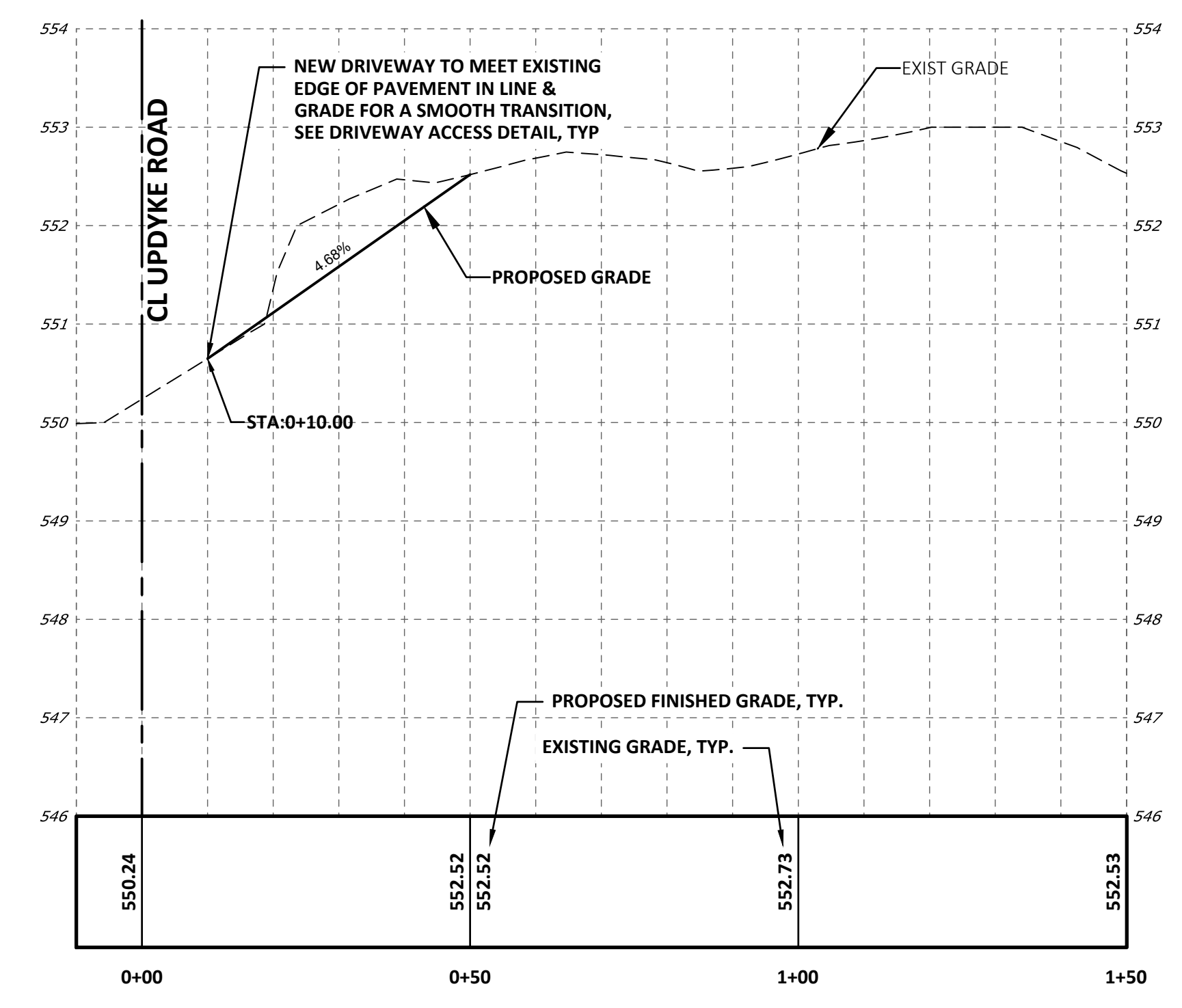


DRIVEWAY ACCESS 4
UPDYKE ROAD - PLAN (SEE SHEET C-208)
 SCALE: 1"=20'

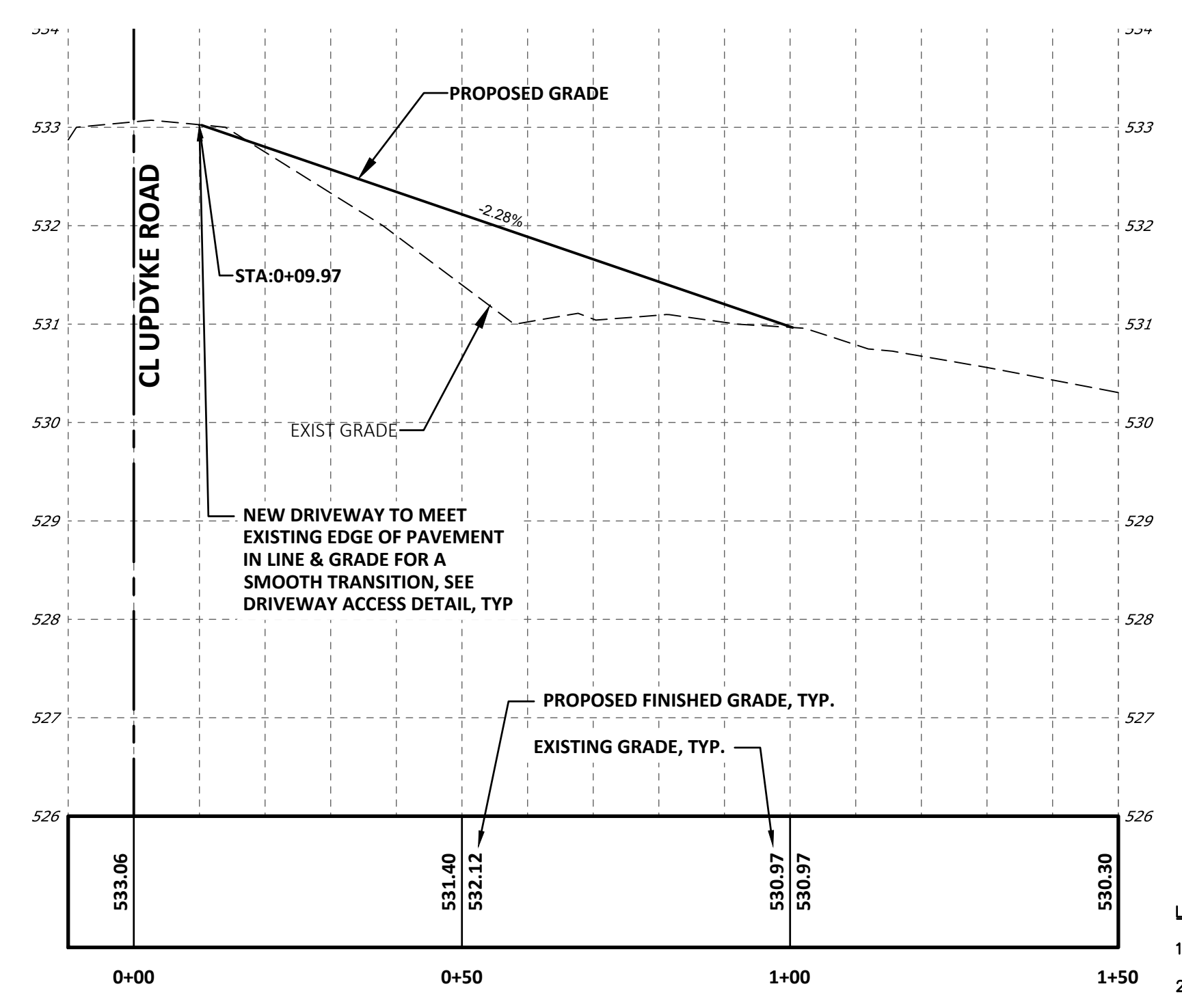


DRIVEWAY ACCESS 5
UPDYKE ROAD - PLAN (SEE SHEET C-208)
 SCALE: 1"=20'

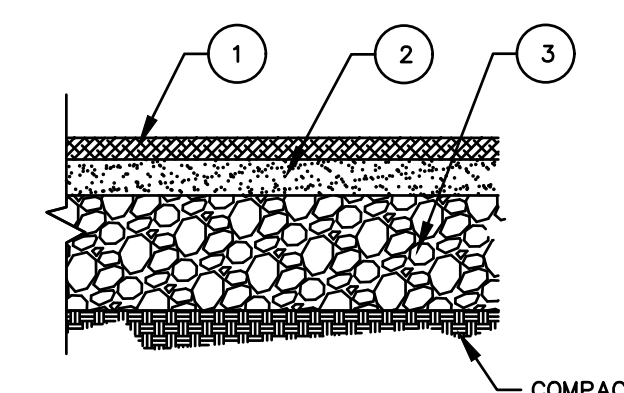
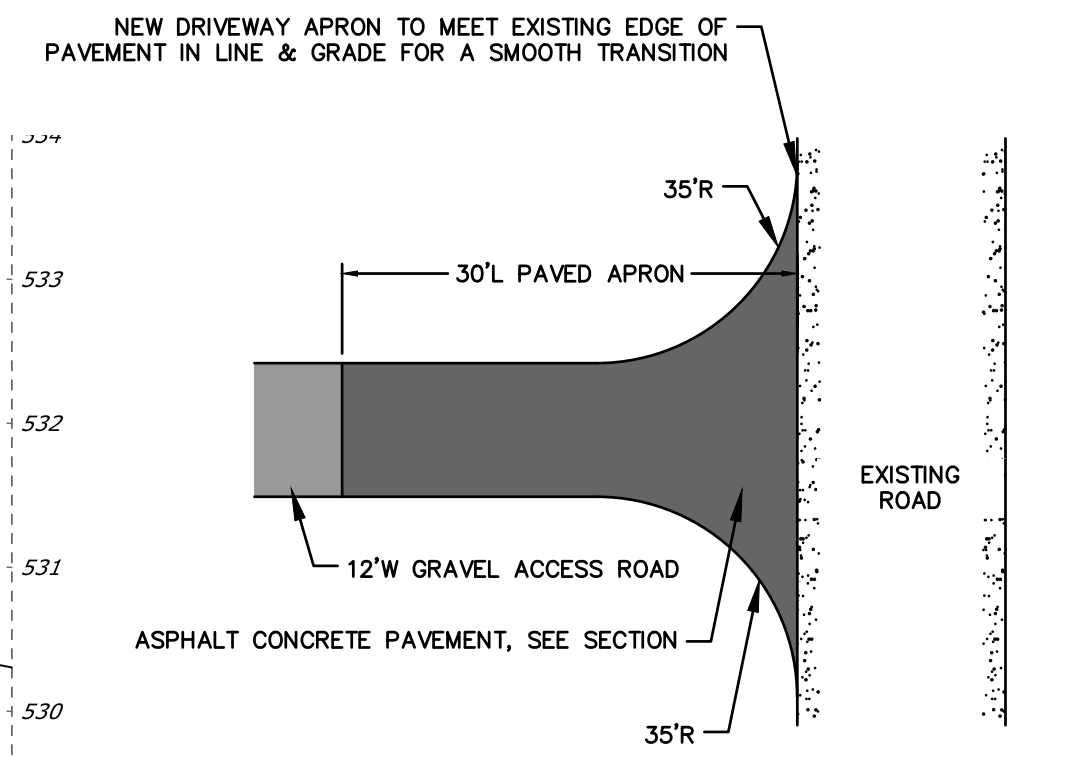
NOTE:
 1. PROPOSED FINISHED CONTOURS ARE NOT SHOWN IN THESE PLANS. WITHIN THE LIMITS OF DISTURBANCE (LOD), CONTRACTOR SHALL REGRADE ALL EX. SLOPES, TO MEET THE PROPOSED CONTOURS/GRADES, AS DENOTED IN THE PROFILES. BLEND ALL PROPOSED CONTOURS/GRADES INTO THE EXISTING ADJACENT GRADES. RESTORE ALL DISTURBED GRASS SURFACES WITH THE NEW GRASS AREAS.



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'



- LEGEND:
- 2" PENNDOT SUPERPAVE 9.5MM WEARING COURSE, ITEM 0413-0200
 - 3" PENNDOT SUPERPAVE 19MM BINDER COURSE, ITEM 0413-6036
 - 12" PENNDOT SUBBASE COURSE, AASHTO NO. 2A COURSE AGGREGATE TYPE C, ITEM 350-0112
 - AT THE TIME OF CONSTRUCTION, THE NEW DRIVEWAY IS TO BE KEYPED INTO THE ROAD SHOULDER OR PAVEMENT EDGE PER PENNDOT CONSTRUCTION SPECIFICATIONS.

DRIVEWAY ACCESS DETAIL
 NOT TO SCALE

A	FINAL LAND DEVELOPMENT PLANS	02-15-2022
NO.	REVISION	DATE

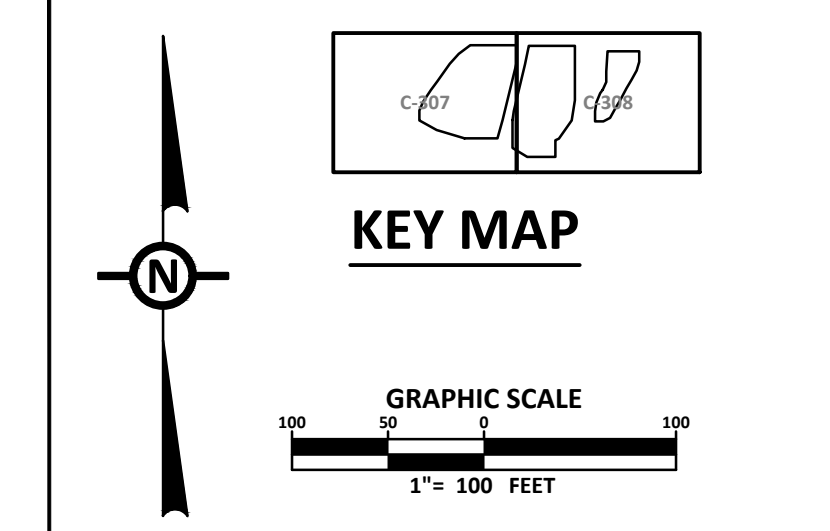
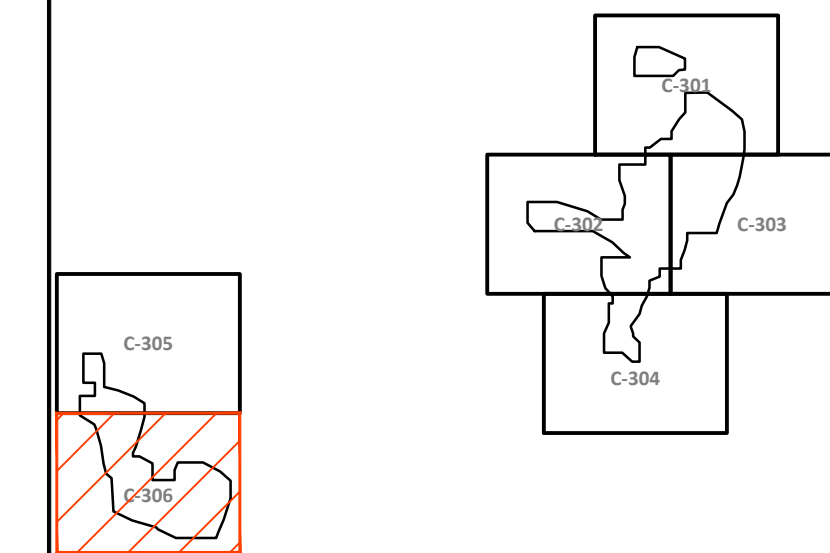
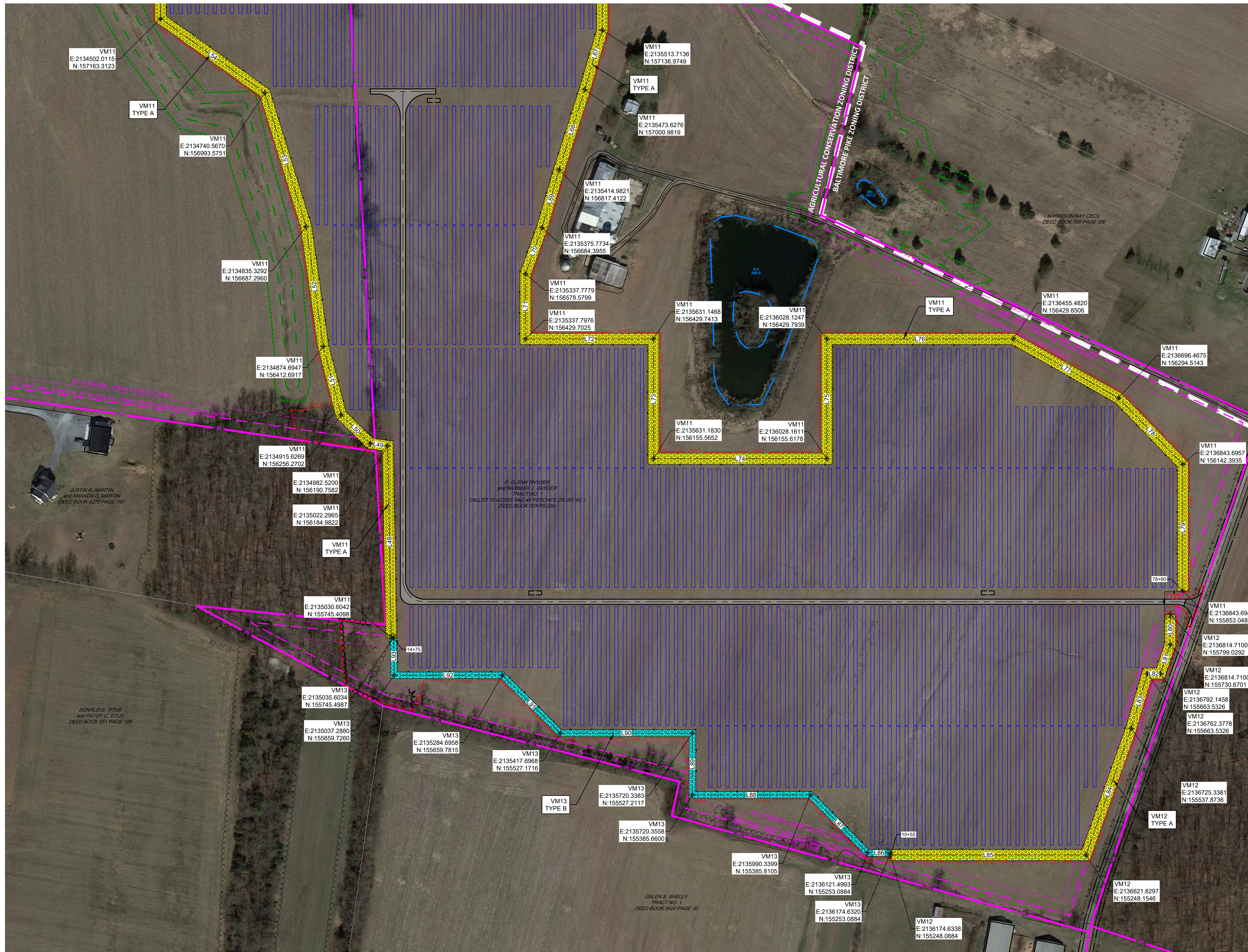
TRC TRC Engineers, Inc.
 4900 Ritter Road
 Suite 240
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 Tel: 717-671-6430
 www.trcsolutions.com

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

FINAL 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	



LEGEND PROPOSED LANDSCAPING FEATURES

	VISUAL MITIGATION TYPE A: VM-11 (START AND END), VM-12
	VISUAL MITIGATION TYPE B: VM-13

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
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022



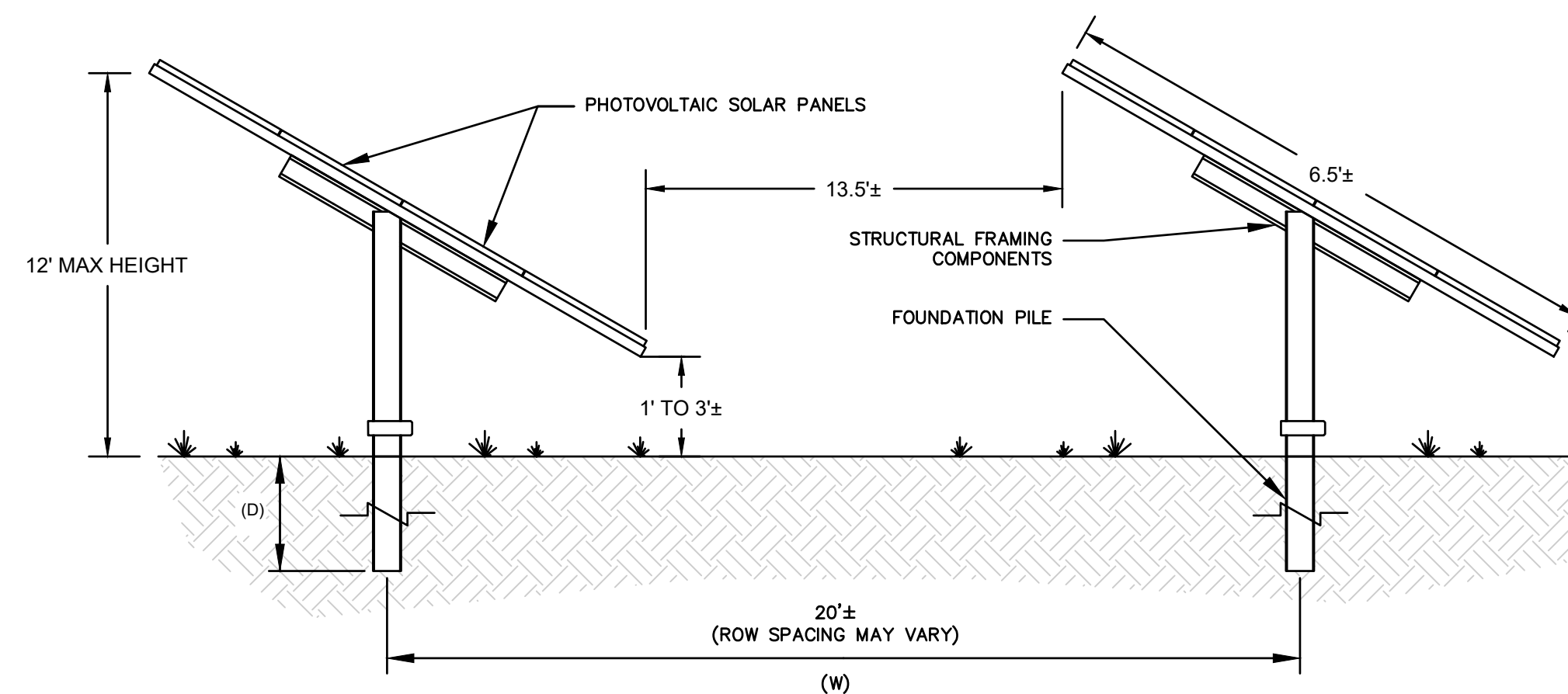
APPLICANT: BROOKVIEW SOLAR I, LLC.
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

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

DRAWING TITLE:
LANDSCAPE PLAN (6)

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-306

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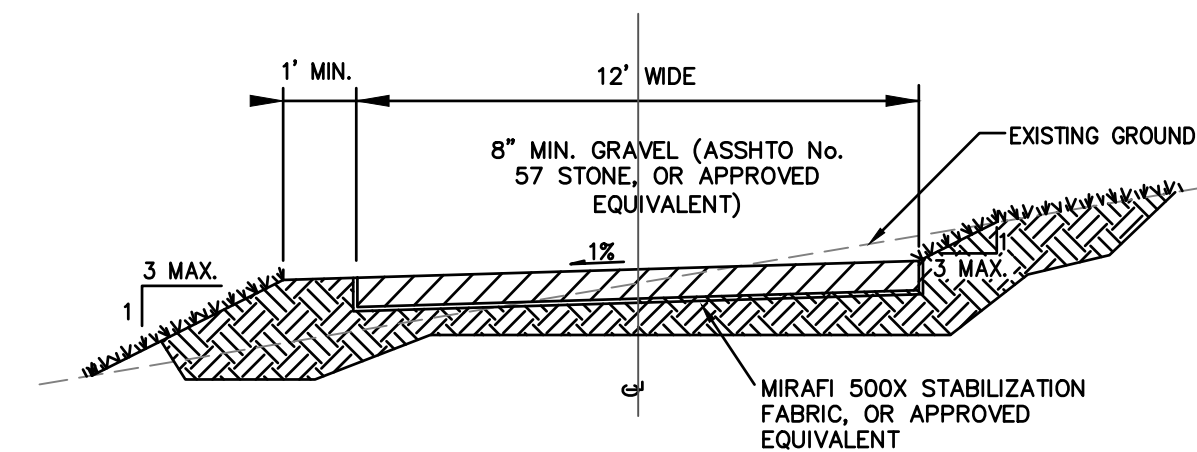


NOTES:

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.

SOLAR PANEL DETAIL

NOT TO SCALE

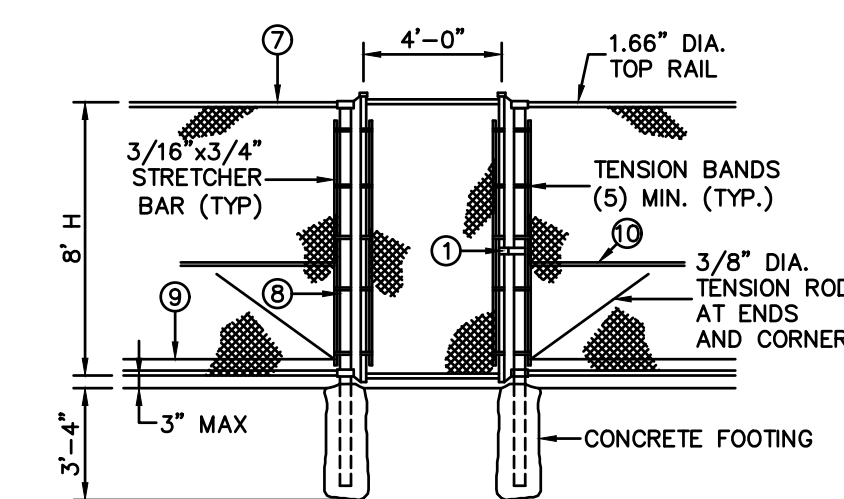


NOTES:

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.

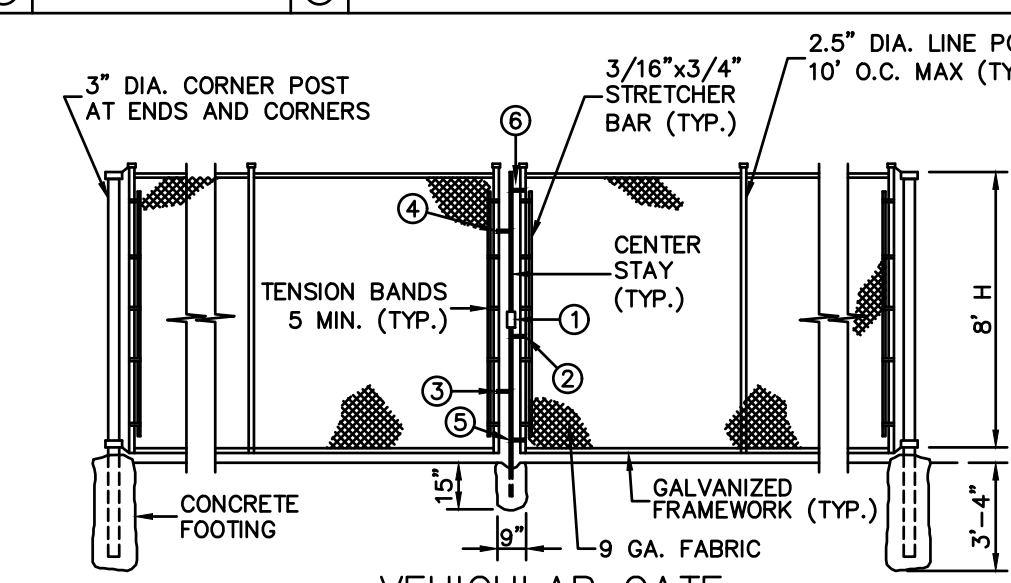
GRAVEL ACCESS ROAD DETAIL

NOT TO SCALE



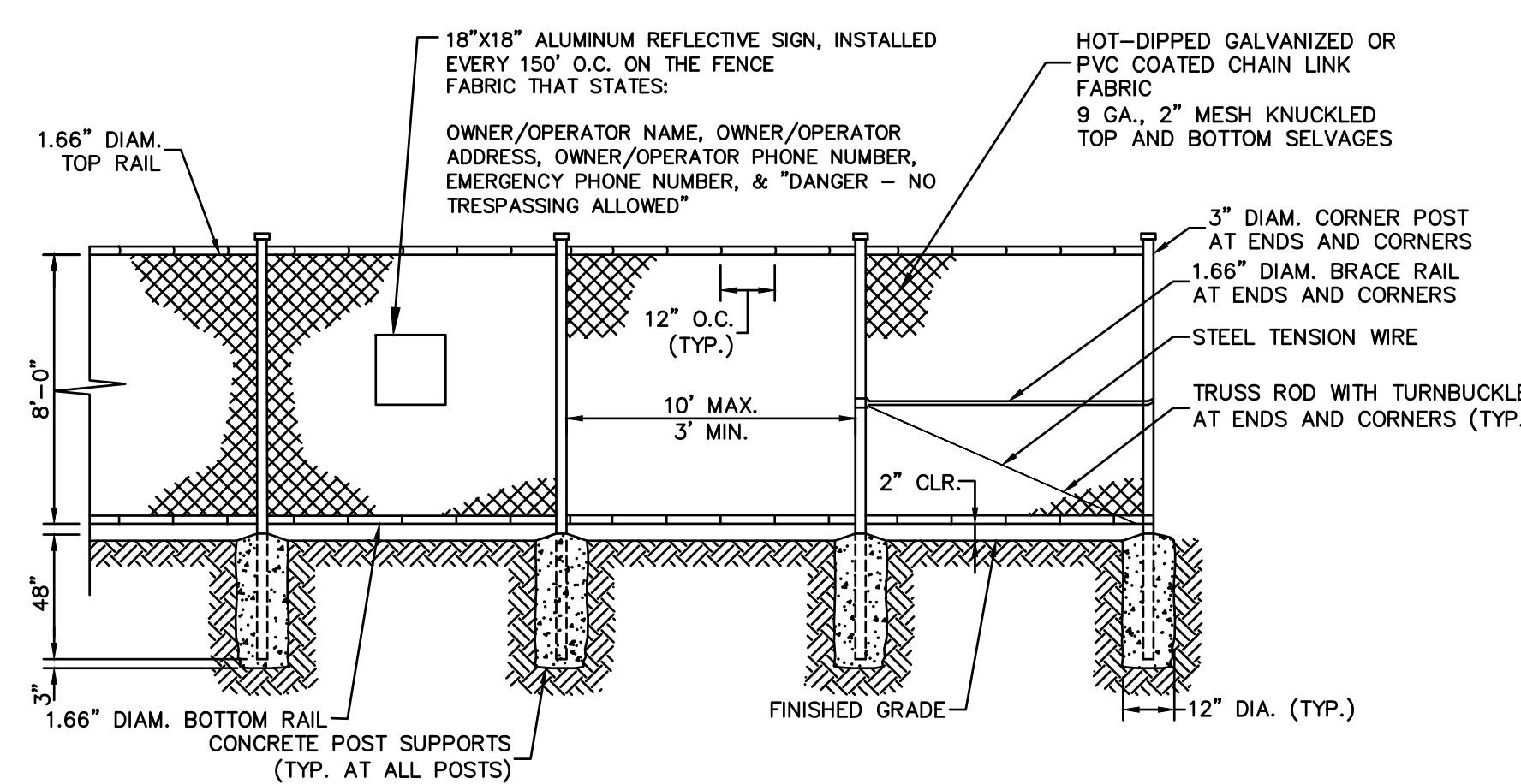
PERSONNEL GATE

LABEL LEGEND	
① LOCK KEEPER	⑥ 16 UPPER GUIDE
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



VEHICULAR GATE

NOT TO SCALE



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
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

TRC TRC Engineers, Inc.
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www.trcsolutions.com

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

DRAWING TITLE: FINAL 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 RECOMMENDED BY SOIL ANALYSIS.

PLANTING SOIL MIXTURE:
2 PARTS PEAT MOSS
5 PARTS TOPSOIL

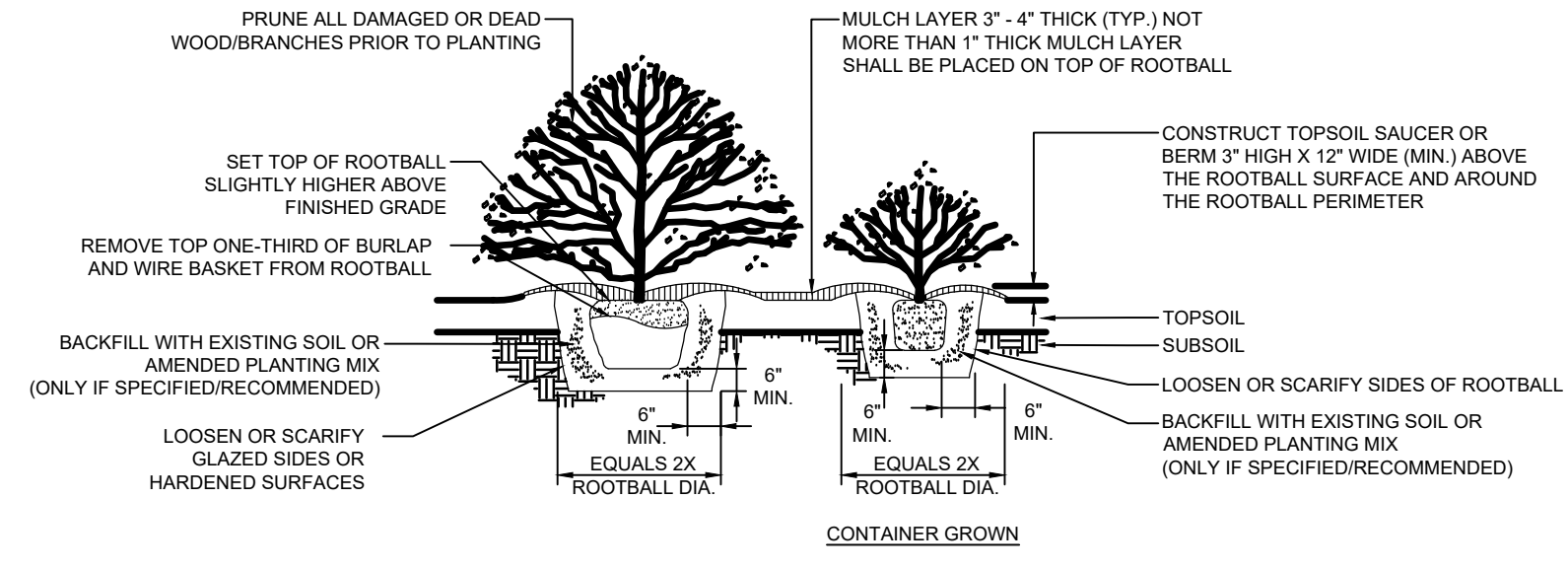
- MYCORRHIZA INOCULANT - "TRANSPANT 1-STEP" AS MANUFACTURED BY ROOTS, INC. OR APPROVED EQUAL. USE PER MANUFACTURER'S RECOMMENDATIONS FOR TREES AND SHRUBS. FERTILIZER/LIME APPLY AS RECOMMENDED BY SOIL ANALYSIS
- TREES, AND SHRUBS: TREES AND SHRUBS SHALL BE NURSERY GROWN UNLESS OTHERWISE NOTED AND HARDY 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 PLANTS FOLLOWING DAMAGE; AND/OR REJUVENATE SHRUBS. PROVIDING CLEARANCE SHALL ENSURE SAFE AND RELIABLE UTILITY SERVICES; MINIMIZE CURRENT 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 PLACED 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 = 459.9 OR **460 SHADE TREES TOTAL REQUIRED**

SHADE TREES LOCATIONS SHALL BE STAKED OUT AND APPROVED PRIOR TO PLANTING. IT IS ANTICIPATED THAT SHADE TREE PLANTINGS WILL BE CLUSTERED IN AREAS AWAY FROM SOLAR ARRAY PANELS TO MINIMIZE SHADING CONCERNS OF THE SOLAR ARRAYS TO THE BEST EXTENT POSSIBLE.

- BLACK GUM (NYSSA SYLVATICA) +/- 153 TREES
- RED OAK (QUERCUS RUBRA) +/- 153 TREES
- SHAGBARK HICKORY (CARYA OVATA) +/- 153 TREES



SHRUB PLANTING DETAIL
N.T.S.

GRASS SEED MIXES

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

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

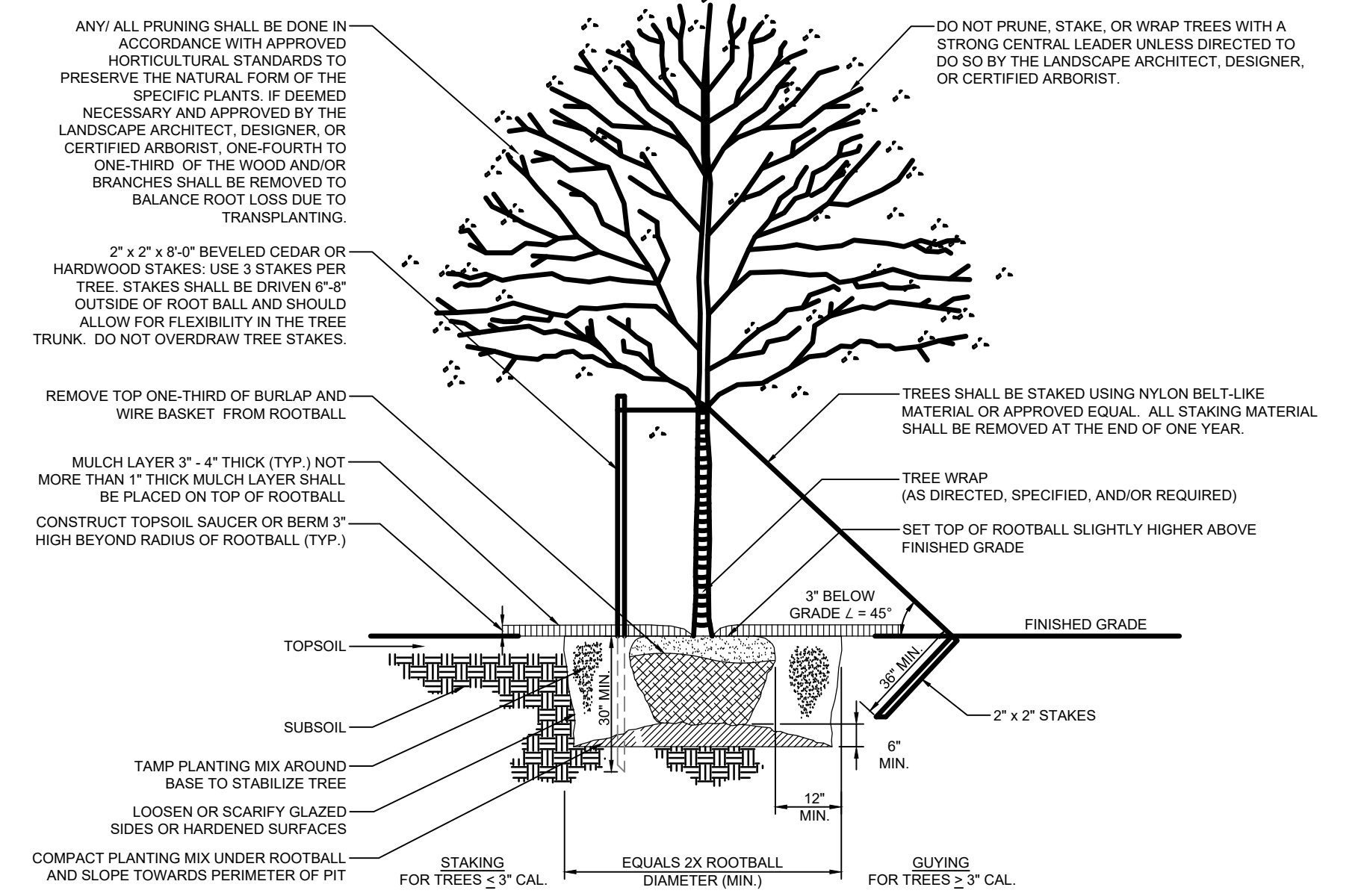
ERNST "SOLAR FARM SEED MIX" - ENRNMZ-186		
BOTANICAL NAME	COMMON NAME	PERCENTAGE
<i>Festuca rubra</i>	Creeping Red Fescue	45.50%
<i>Festuca ovina var. duriuscula, 'Jetty'</i>	Hard Fescue, 'Jetty'	15.00%
<i>Festuca ovina var. duriuscula, Gladiator</i>	Hard Fescue, Gladiator	15.00%
<i>Festuca rubra ssp. commutata</i>	Chewings Fescue	10.00%
<i>Poa pratensis, 'Selway'</i>	Kentucky Bluegrass, 'Selway'	5.00%
<i>Poa pratensis, Appalachian</i>	Kentucky Bluegrass, Appalachian	5.00%
<i>Trifolium repens, Dutch</i>	White Clover, Dutch	4.50%
- 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:
 - ERNST NORTHEAST SOLAR POLLINATOR BUFFERMIX (ENRNMZ-610)

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

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 TYPE	APPLICATION RATE (MIN.)			NOTES
	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



NATIVE/DECIDUOUS TREE PLANTING DETAIL
N.T.S.

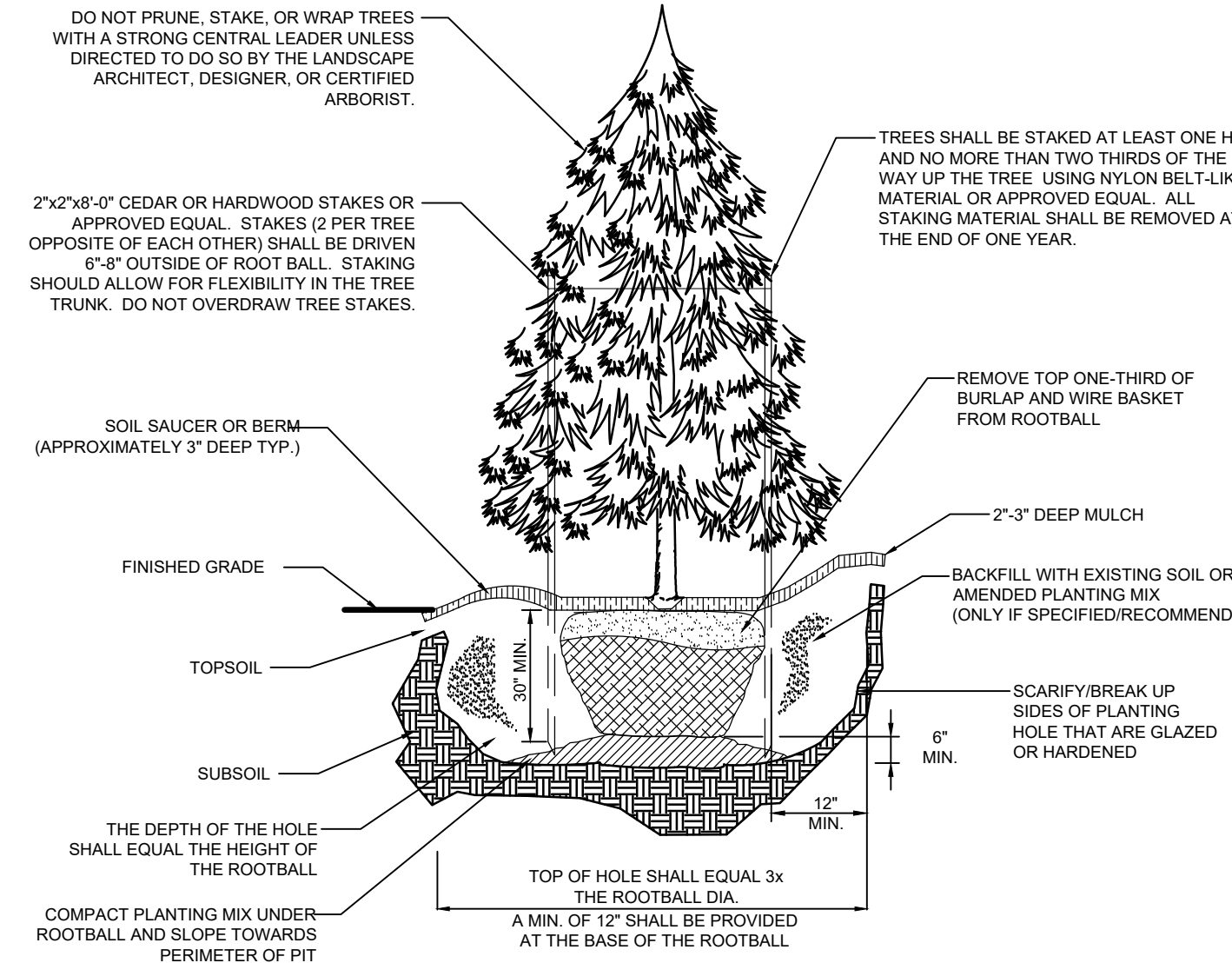
TABLE 11.4

MIXTURE NUMBER	SPECIES	SEEDING RATE - PURE LIVE SEED ¹	
		MOST SITES	ADVERSE SITES
1 *	SPRING OATS (SPRING), OR ANNUAL RYEGRASS (SPRING OR FALL), OR WINTER WHEAT (FALL), OR WINTER RYE (FALL)	64	96
		10	15
		90	120
2 *	TALL FESCUE, OR FINE FESCUE, OR KENTUCKY BLUEGRASS, PLUS REDTOP ⁴ , OR PERENNIAL RYEGRASS	56	50
		35	75 40
		25	30
3	BIRDSFOOT TREFOIL, PLUS TALL FESCUE	6	10 35
		30	15
4	BIRDSFOOT TREFOIL, PLUS REED CANARYGRASS	6	10
		10	15
5 *	CROWN VETCH, PLUS TALL FESCUE, OR PERENNIAL RYEGRASS	10	15 25
		20	25
6 ; *	CROWN VETCH, PLUS ANNUAL RYEGRASS	10	15 25
		20	25
7 *	BIRDSFOOT TREFOIL, PLUS CROWN VETCH, PLUS TALL FESCUE	6	10
		10	15 30
8	FLATPEA, PLUS TALL FESCUE, OR PERENNIAL RYEGRASS	20	30 30
		20	25
9 *	SERECIA LESPEDEZA, PLUS TALL FESCUE, PLUS REDTOP ⁴	20	20 25
		3	3
10	TALL FESCUE, PLUS FINE FESCUE	40	60
		10	15
11	DEERTONGUE, PLUS BIRDSFOOT TREFOIL	15	20
		6	10
12 †	SWITCHGRASS, OR BIG BLUESTEM, PLUS BIRDSFOOT TREFOIL	15	20 20
		15	10
13	ORCHARDGRASS, OR SMOOTH BROMEGRASS, PLUS BIRDSFOOT TREFOIL	20	30 35
		25	10

TABLE 11.5

SITE CONDITION	NURSE CROP	SEED MIXTURE (SELECT ONE MIXTURE)	
		SEED MIXTURE	SEED MIXTURE
SLOPES AND BANKS (NOT MOWED) WELL-DRAINED VARIABLE DRAINAGE	1 PLUS	3, 5, 8, OR 12'	3 OR 7
	1 PLUS	3, 5, 8, OR 12'	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'	
	1 PLUS	3, 5, 7, OR 12'	
EROSION CONTROL FACILITIES (BMPs) SOD WATERWAYS, SPILLWAYS, FREQUENT WATER FLOW AREAS DRAINAGE DITCHES SHALLOW, LESS THAN 3 FEET DEEP DEEP, NOT MOWED POND BANKS, DIKES, LEVEES, DAMS, DIVERSION CHANNELS, AND OCCASIONAL WATER FLOW AREAS MOWED AREAS NON-MOWED AREAS FOR HAY OR SILAGE ON DIVERSION CHANNELS AND OCCASIONAL WATER FLOW AREAS	1 PLUS	2, 3, OR 4	
	1 PLUS	2, 3, OR 4	
HIGHWAYS ² NON-MOWED AREAS PURE CROWN VETCH ³ WELL-DRAINED VARIABLE DRAINAGE POORLY DRAINED AREAS MOWED SEVERAL TIMES PER YEAR	1 PLUS	5 OR 6	
	1 PLUS	5, 7, 8, 9, OR 10	
UTILITY RIGHT-OF-WAY WELL-DRAINED VARIABLE DRAINAGE WELL-DRAINED AREAS FOR GRAZING/HAY	1 PLUS	3 OR 7	
	1 PLUS	3 OR 4	
EFFLUENT DISPOSAL AREAS SANITARY LANDFILLS	1 PLUS	3 OR 4	
	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.



EVERGREEN TREE PLANTING DETAIL
N.T.S.

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
A	FINAL LAND DEVELOPMENT PLANS	02-15-2022

TRC Engineers, Inc.
4900 Ritter Road
Suite 240
Mechanicsburg, PA 17055
Tel: 717-671-6430
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BROOKVIEW SOLAR I, LLC.
700 UNIVERSE BLVD.
JUNO BEACH, FL 32408

FINAL 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

LEGEND - VM10 PLANTING TEMPLATE TYPE A
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 1,260 LF

DECIDUOUS AND EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	17	2" CAL. MIN.	B&B	20'-25' HT.
AB	ABIES BALSAMEA BALSAM FIR	24	4'-5' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	17	2" CAL. MIN.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	37	4'-5' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	21	4'-5' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	49	4'-5' HT.	B&B	40'-50' HT.

SHRUBS					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	16	36"-42" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	36	36"-42" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	24	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	16	36"-42" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	27	36"-42" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	28	36"-42" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM15 PLANTING TEMPLATE TYPE A
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 555 LF

DECIDUOUS AND EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	8	2" CAL. MIN.	B&B	20'-25' HT.
AB	ABIES BALSAMEA BALSAM FIR	11	4'-5' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	7	2" CAL. MIN.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	17	4'-5' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	10	4'-5' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	21	4'-5' HT.	B&B	40'-50' HT.

SHRUBS					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	8	36"-42" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	16	36"-42" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	12	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	5	36"-42" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	12	36"-42" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	11	36"-42" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM19 PLANTING TEMPLATE TYPE A
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 1,440 LF

DECIDUOUS AND EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	20	2" CAL. MIN.	B&B	20'-25' HT.
AB	ABIES BALSAMEA BALSAM FIR	30	4'-5' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	20	2" CAL. MIN.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	45	4'-5' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	25	4'-5' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	55	4'-5' HT.	B&B	40'-50' HT.

SHRUBS					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	20	36"-42" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	40	36"-42" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	30	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	20	36"-42" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	30	36"-42" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	35	36"-42" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM11 PLANTING TEMPLATE TYPE A
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 7,860 LF

DECIDUOUS AND EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	105	2" CAL. MIN.	B&B	20'-25' HT.
AB	ABIES BALSAMEA BALSAM FIR	156	4'-5' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	105	2" CAL. MIN.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	235	4'-5' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	131	4'-5' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	291	4'-5' HT.	B&B	40'-50' HT.

SHRUBS					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	104	36"-42" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	212	36"-42" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	156	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	104	36"-42" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	159	36"-42" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	182	36"-42" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM16 PLANTING TEMPLATE TYPE A
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 1,035 LF

DECIDUOUS AND EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	14	2" CAL. MIN.	B&B	20'-25' HT.
AB	ABIES BALSAMEA BALSAM FIR	20	4'-5' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	13	2" CAL. MIN.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	31	4'-5' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	17	4'-5' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	40	4'-5' HT.	B&B	40'-50' HT.

SHRUBS					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	12	36"-42" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	28	36"-42" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	21	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	13	36"-42" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	21	36"-42" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	21	36"-42" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM21 PLANTING TEMPLATE TYPE A
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 1,670 LF

DECIDUOUS AND EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	22	2" CAL. MIN.	B&B	20'-25' HT.
AB	ABIES BALSAMEA BALSAM FIR	33	4'-5' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	22	2" CAL. MIN.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	50	4'-5' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	28	4'-5' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	63	4'-5' HT.	B&B	40'-50' HT.

SHRUBS					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	21	36"-42" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	44	36"-42" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	34	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	21	36"-42" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	33	36"-42" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	38	36"-42" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM12 PLANTING TEMPLATE TYPE A
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 1,055 LF

DECIDUOUS AND EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	14	2" CAL. MIN.	B&B	20'-25' HT.
AB	ABIES BALSAMEA BALSAM FIR	20	4'-5' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	14	2" CAL. MIN.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	31	4'-5' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	18	4'-5' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	41	4'-5' HT.	B&B	40'-50' HT.

SHRUBS					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	12	36"-42" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	28	36"-42" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	21	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	13	36"-42" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	21	36"-42" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	24	36"-42" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM17 PLANTING TEMPLATE TYPE A
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 740 LF

DECIDUOUS AND EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	10	2" CAL. MIN.	B&B	20'-25' HT.
AB	ABIES BALSAMEA BALSAM FIR	14	4'-5' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	10	2" CAL. MIN.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	22	4'-5' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	12	4'-5' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	30	4'-5' HT.	B&B	40'-50' HT.

SHRUBS					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	8	36"-42" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	19	36"-42" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	15	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	9	36"-42" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	15	36"-42" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	17	36"-42" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM22 PLANTING TEMPLATE TYPE A
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 795 LF

DECIDUOUS AND EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	12	2" CAL. MIN.	B&B	20'-25' HT.
AB	ABIES BALSAMEA BALSAM FIR	15	4'-5' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	10	2" CAL. MIN.	B&B	20'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	24	4'-5' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	13	4'-5' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	31	4'-5' HT.	B&B	40'-50' HT.

SHRUBS					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	11	36"-42" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	20	36"-42" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	17	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	9	36"-42" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	15	36"-42" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	17	36"-42" HT.	#3/5 CONT.	8'-10' HT.



A	FINAL LAND DEVELOPMENT PLANS	02-15-2022
NO.	REVISION	DATE



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

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

DRAWING TITLE:
LANDSCAPE NOTES & DETAILS (3)

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-504	

VISUAL MITIGATION PLANTING SCHEDULE - TYPE A

W:\Projects\2022\02_02_Seal.mxd - Final Seal and Signage - 2/15/22 - 2:15 PM - 1/15/22
 W:\Projects\2022\02_02_Seal.mxd - Final Seal and Signage - 2/15/22 - 2:15 PM - 1/15/22
 W:\Projects\2022\02_02_Seal.mxd - Final Seal and Signage - 2/15/22 - 2:15 PM - 1/15/22
 W:\Projects\2022\02_02_Seal.mxd - Final Seal and Signage - 2/15/22 - 2:15 PM -

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:2143559.3246, N:162934.2750
L5	TYPE A	448	S68° 42' 37.72"E	E:2143559.3246, 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:2141843.2682, N:160512.8929
L23	TYPE A	123	S74° 14' 46.05"E	E:2141843.2682, 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' 28.85"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' 27.26"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

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:152990.7302
L101	TYPE A	154	N35° 23' 27.55"E	E:2139884.0038, N:152990.7302	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
L102	TYPE A	336	N34° 50' 20.06"E	E:2140010.9815, N:153273.1545	E:2140202.9247, N:153548.9248
L103	TYPE A	374	N39° 49' 45.65"E	E:2140202.9247, N:153548.9248	E:2140442.2509, N:153835.8740
L104	TYPE A	273	N58° 20' 00.47"E	E:2140442.2509, N:153835.8740	E:2140674.4351, N:153979.0867
L105	TYPE A	52	N89° 59' 58.62"E	E:2140674.4351, N:153979.0867	E:2140726.8121, N:153979.0870

VM17 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L106	TYPE A	606	S89° 59' 57.55"E	E:2140726.8121, N:153979.0870	E:2141332.6825, N:153979.0798
L107	TYPE A	134	S47° 06' 23.47"E	E:2141332.6825, N:153979.0798	E:2141430.8762, N:153887.8534

VM18 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L108	TYPE A	72	S47° 11' 31.55"E	E:2141385.9307, N:153874.9693	E:2141438.9906, N:153825.8217
L109	TYPE A	682	N89° 59' 34.05"E	E:2141438.9906, N:153825.8217	E:2142120.6767, N:153825.9075
L110	TYPE A	41	N00° 03' 18.34"E	E:2142120.6767, N:153825.9075	E:2142120.7163, N:153867.0723

VM19 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L111	TYPE A	198	N90° 00' 00.00"E	E:2142133.2289, N:153915.1580	E:2142331.6897, N:153915.1580
L112	TYPE A	135	S00° 00' 00.00"E	E:2142331.6897, N:153915.158	