

Black Diamond Solar

299-MW AC Solar Array

Christian County, IL

Preliminary Site Plan



Project: 299-MW AC Solar Array
 Location: Christian County, IL
 Date: 08/14/2020
 Sheet: T100

Designation	Description
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132	Native Seeding and Groundcover Plan - 12
133	Native Seeding and Groundcover Plan - 13

Prepared for:

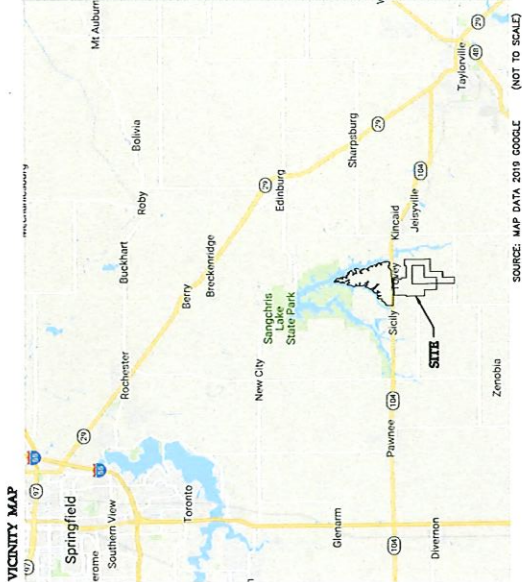
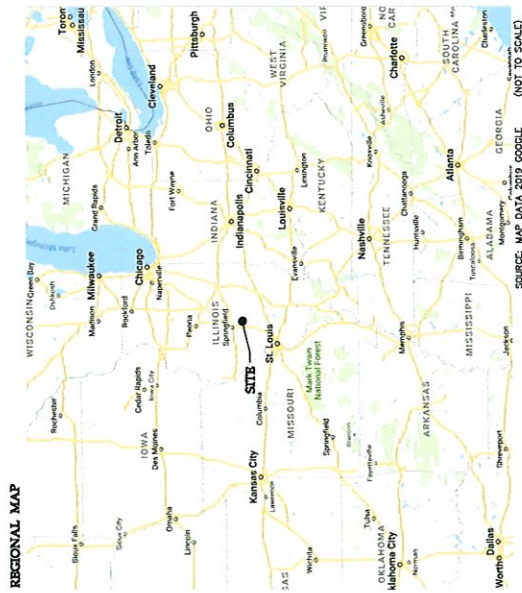
SWIFT CURRENT

34 1/2th Street
 Shelton, MA 01550

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L131	Native Seeding and Groundcover Plan - 11
L132	Native Seeding and Groundcover Plan - 12
L133	Native Seeding and Groundcover Plan - 13

CONTACT INFORMATION		
TITLE	COMPANY	CONTACT NUMBER
OWNER	SWIFT CURRENT	857-315-5588
PROJECT MANAGER	WESTWOOD PROFESSIONAL SERVICES	STEVE BATTAGLIA
ENGINEER OF RECORD	WESTWOOD PROFESSIONAL SERVICES	ROB COPOLDS
CONTRACTOR		
LOCAL AGENCY	CHRISTIAN COUNTY	

DATA SET INFORMATION			
BASE FILE	FILE NAME / NOTES	PROVIDER	DATE
ALPHA IMAGE	0022575-00-Black Diamond Solar-Mosaic-190608.usf	WESTWOOD	01/02/2019
LAND CONTROL	0022575-00-299-MW AC Solar-Mosaic-190717.usf	WESTWOOD	ONGOING
ALFA SURVEY	0022575-00-299-MW AC Solar-Mosaic-190717.usf	WESTWOOD	ONGOING
TOPOGRAPHY	0022575-00-299-MW AC Solar-Mosaic-190717.usf	WESTWOOD	ONGOING
DATA GATEWAY	0022575-00-299-MW AC Solar-Mosaic-190717.usf	WESTWOOD	ONGOING
STREAMS/WETLANDS	0022575-00-299-MW AC Solar-Mosaic-190717.usf	WESTWOOD	ONGOING
CULTURAL RESOURCES	0022575-00-299-MW AC Solar-Mosaic-190717.usf	WESTWOOD	ONGOING
LELAND	0022575-00-299-MW AC Solar-Mosaic-190717.usf	WESTWOOD	ONGOING
PV ARRAY	0022575-00-299-MW AC Solar-Mosaic-190717.usf	WESTWOOD	ONGOING



PROJECT DESCRIPTION
 299-MW AC SOLAR ARRAY PROJECT

PROJECT LOCATION
 LATITUDE = 39.591034° N (39° 35' 30.00" N)
 LONGITUDE = 88.457330° W (88° 27' 30.00" W)

PROJECT COORDINATE SYSTEM
 NAD83 2011 ILLINOIS STATE PLANS, WEST ZONE, US FOOT

Black Diamond Solar

Christian County, IL

Cover

Preliminary County Permit Plans

Date: 08/14/2020
 Sheet: T100

0812317-1000V-049

Design/Drawn	SA
Checked	RP
Drafted	AP
Approved/Date	
Project/Sheet	
Date/Scale	
Prepared For	

SWIFT CURRENT

294 Third Street
 Shelton, CT 06484



**Black Diamond
 Solar**

Christian County, IL

Existing Conditions - 1

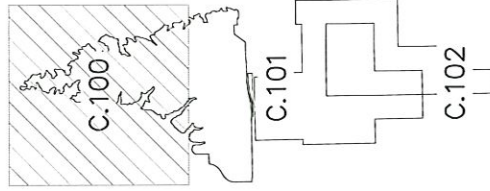
Preliminary County
 Permit Plans

Date: 08/14/2020
 Sheet: C100

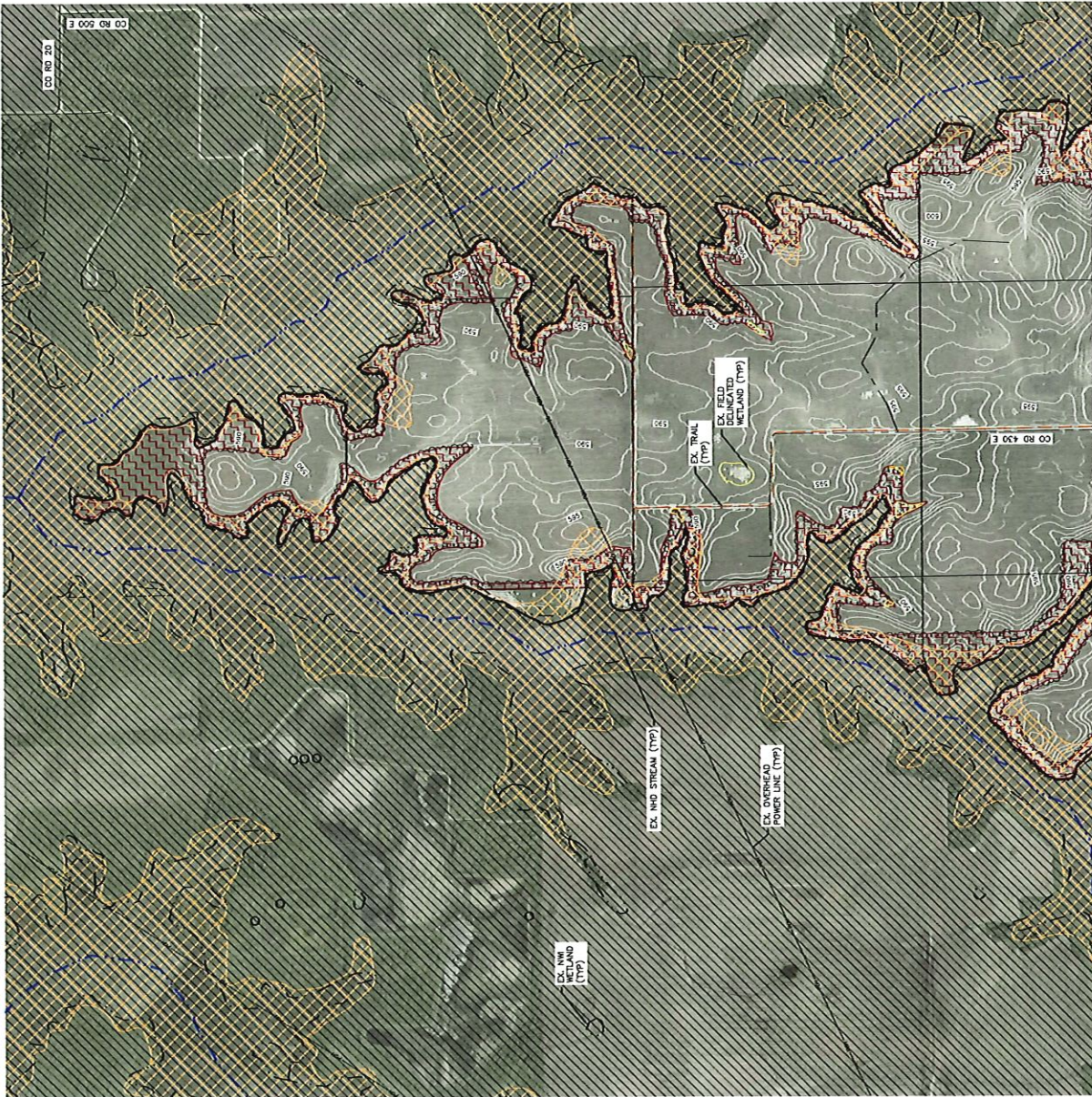
0022075-0000-049

LEGEND

	PROJECT BOUNDARY
	NON-PARTICIPATING LAND
	EX. PARCEL LINE
	EX. OVERHEAD POWERLINE
	EX. FENCE LINE
	EX. RAILROAD CENTERLINE
	EX. TRAIL
	EX. GRAVEL ROAD
	EX. BITUMINOUS ROAD
	EX. VEGETATION
	EX. FENCE LINE
	EX. INDEX CONTOUR LINE
	EX. 100' BOUNDARY LINE
	EX. STREAM (NH0)
	EX. WETLAND (NH0)
	FEMA FLOOD ZONE
	WETLAND HABITAT
	EX. FIELD DELINEATED WETLAND
	EXISTING
	EX. POWER POLE
	EX. OCCUPIED HOUSE
	EX. BUILDING/STRUCTURE



KEY MAP



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SEE SHEET C.101

Design:	SKD
Checked:	SKD
Drafted:	AKP
As-Built Drawing:	
Project No.:	2020-001
Scale:	AS SHOWN
Project Name:	PRELIMINARY COUNTY POINT PLANS
Client:	
Contract No.:	
Revision:	
Prepared for:	

SWIFT CURRENT

104 Main Street
 Southwick, MA 01087



Black Diamond Solar
 Christian County, IL

Existing Conditions - 2

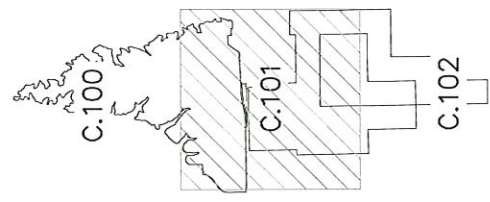
Preliminary County
 Permit Plans

Date: 08/14/2020
 Sheet: C101

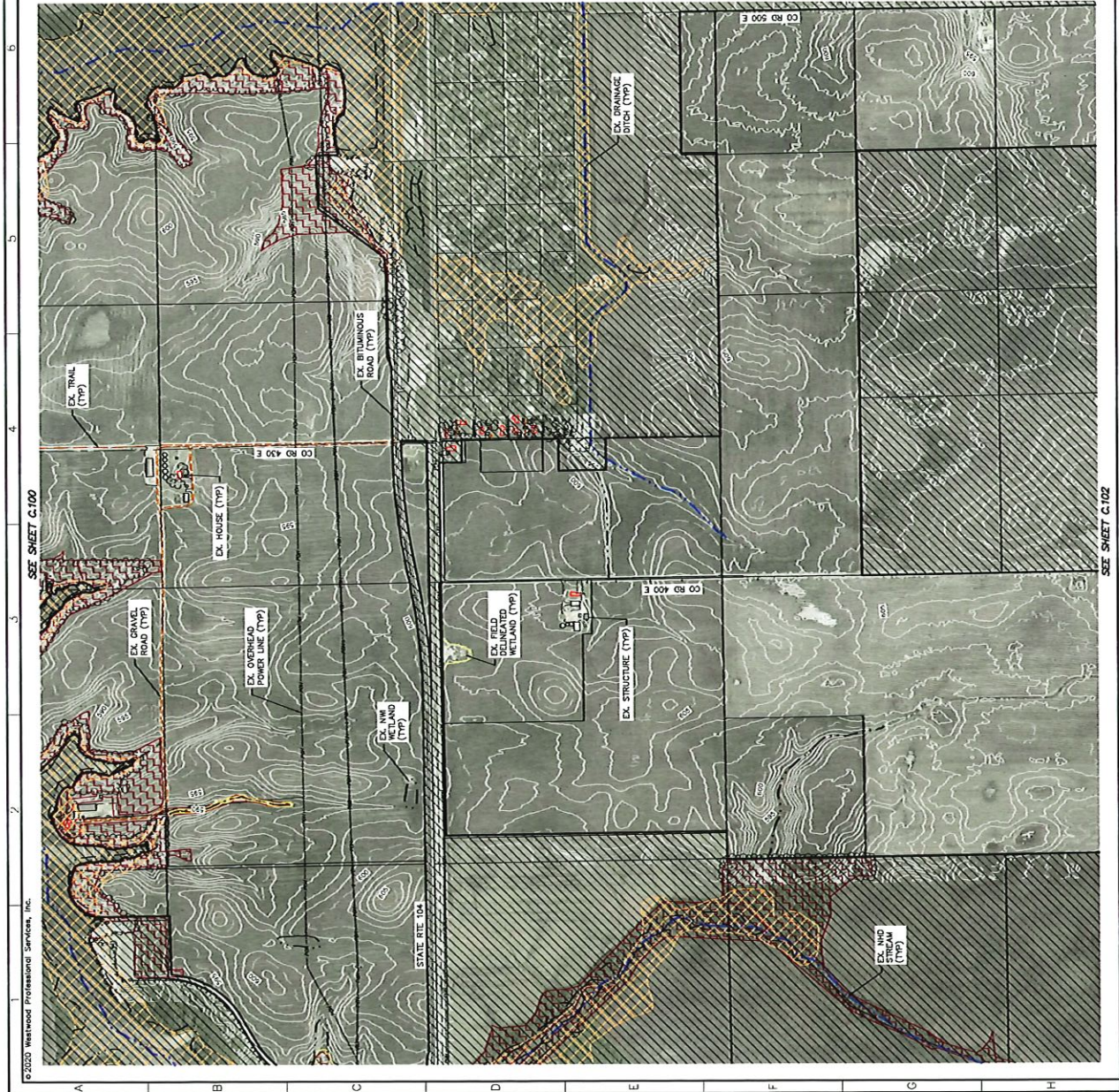
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LEGEND

	PROJECT BOUNDARY
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	EX. RAILROAD CENTERLINE
	EX. TRAIL
	EX. GRAVEL ROAD
	EX. BITUMINOUS ROAD
	EX. VEGETATION
	EX. FENCE LINE
	EX. INDEX CONTOUR LINE
	EX. STREAM (NHD)
	EX. WETLAND (NHD)
	FEMA FLOOD ZONE
	WETLAND HABITAT
	EX. FIELD DELINEATED WETLAND
	EXISTING
	EX. POWER POLE
	EX. OCCUPIED HOUSE
	EX. BUILDING/STRUCTURE



KEY MAP



SEE SHEET C.100

SEE SHEET C.102

Design:	SAJ
Checked:	MS
Drawn:	JVF
As-Built Drawing:	
Project:	Black Diamond Solar
Date:	08/14/2020
Scale:	AS SHOWN
Sheet:	C-102
Project:	PRELIMINARY COUNTY PERMIT PLANS
Prepared by:	
Checked by:	
Drawn by:	

SWIFT CURRENT

200 South Street
 Orange, MA 01332
 Phone: 508-865-1100



Black Diamond Solar

Christian County, IL

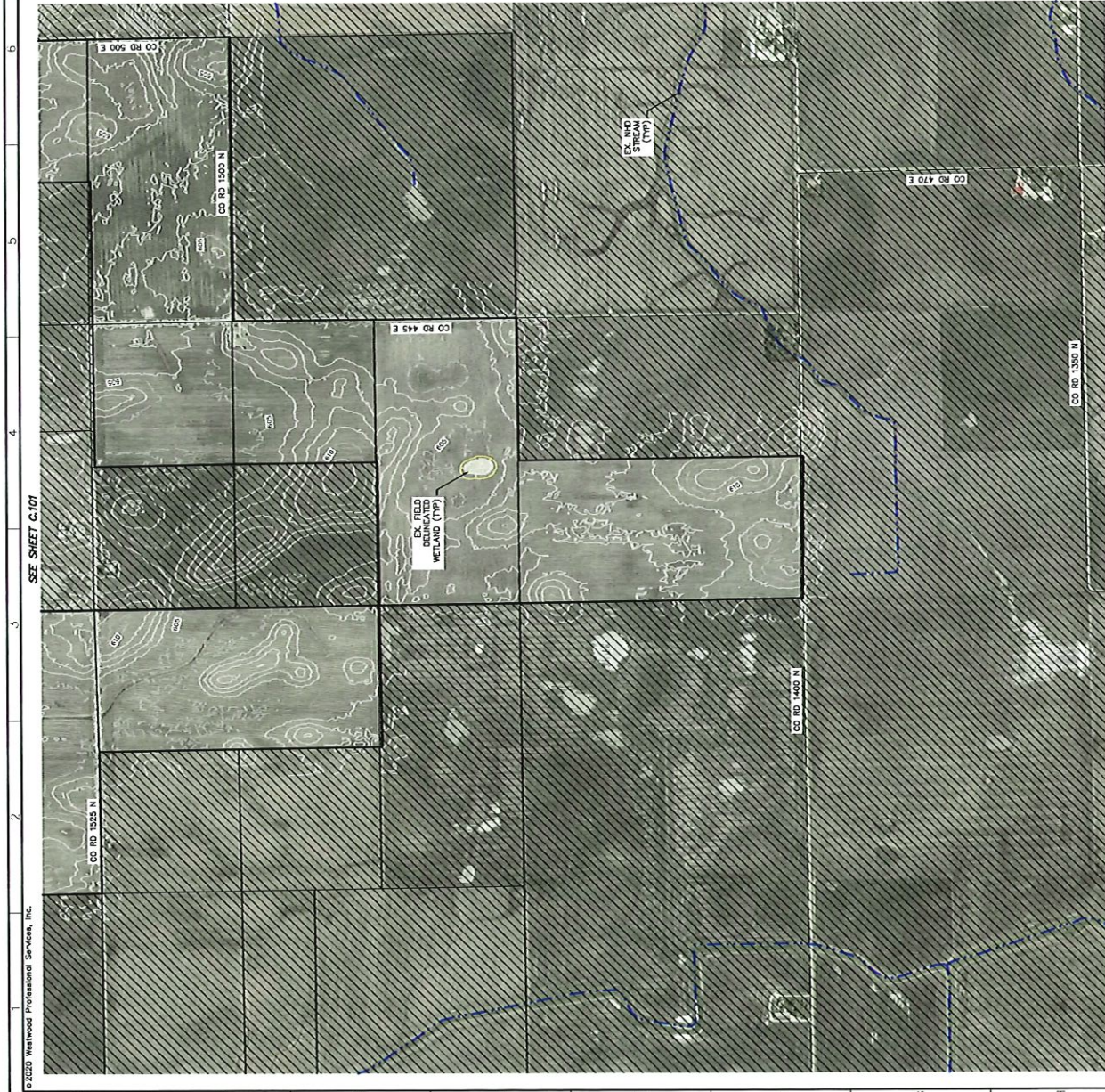
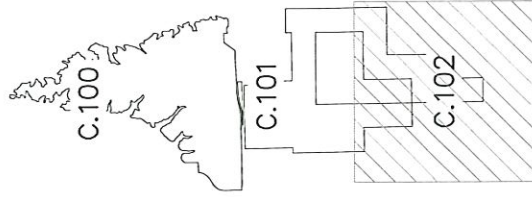
Existing Conditions - 3

Preliminary County Permit Plans

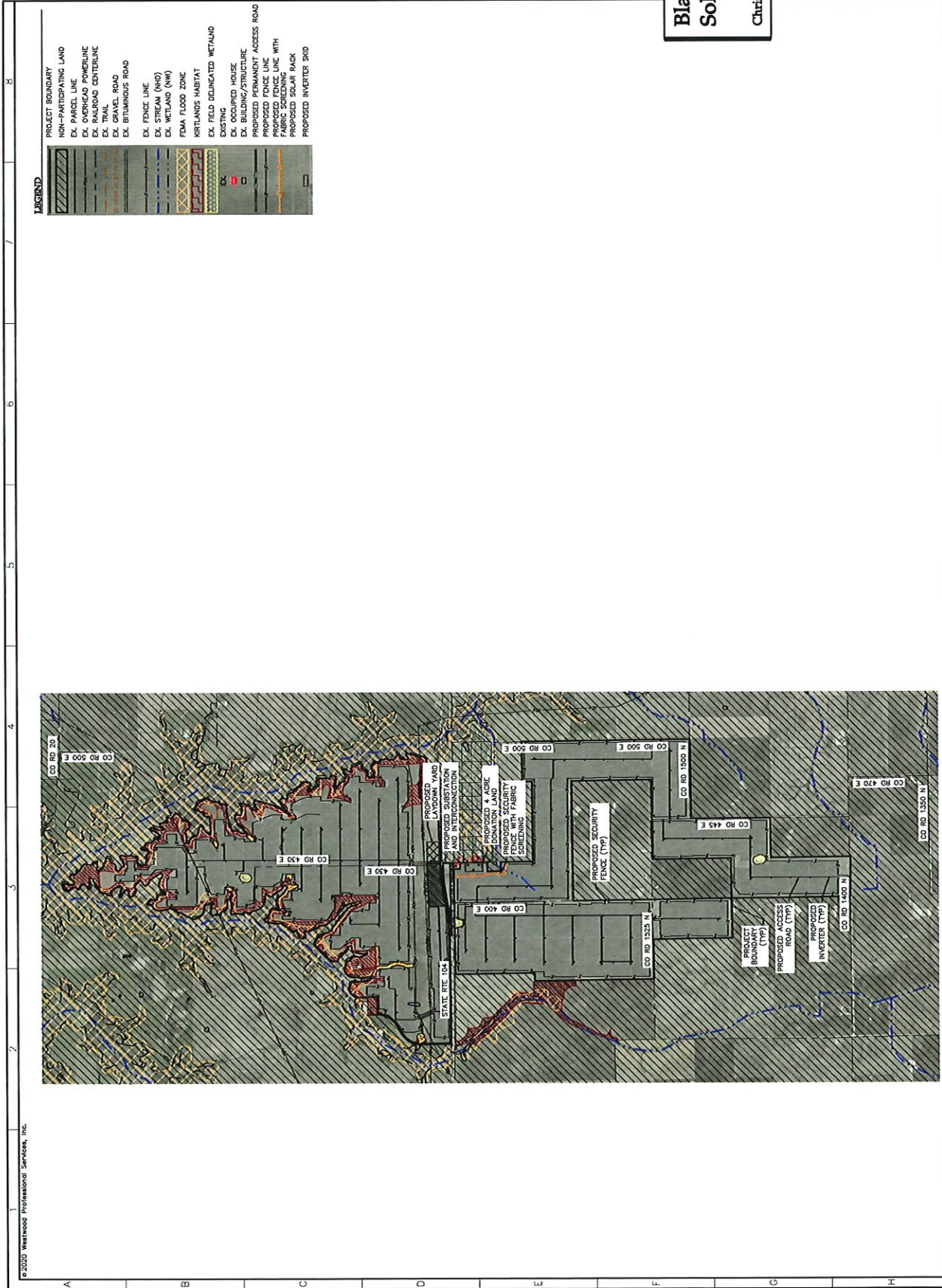
Date: 08/14/2020
 Sheet: C102

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LEGEND	
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	EX. OVERHEAD POWERLINE
	EX. RAILROAD CENTERLINE
	EX. TRAIL
	EX. GRAVEL ROAD
	EX. BITUMINOUS ROAD
	EX. VEGETATION
	EX. FENCE LINE
	EX. INDEX CONTOUR LINE
	EX. 100' BOUNDARY LINE
	EX. STREAM (NHD)
	EX. WETLAND (NHD)
	FEMA FLOOD ZONE
	HIGHLANDS HABITAT
	EX. FIELD DELINEATED WETLAND
	EXISTING
	EX. POWER POLE
	EX. OCCUPIED HOUSE
	EX. BUILDING/STRUCTURE



SEE SHEET C-101



LEGEND

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- EX. PARCEL LINE
- EX. OVERHEAD POWERLINE
- EX. FENCING CENTERLINE
- EX. GRAVEL ROAD
- EX. BITUMINOUS ROAD
- EX. FENCE LINE
- EX. STREAM (NHG)
- EX. WETLAND (NH)
- FEMA FLOOD ZONE
- EX. FIELD DELIMITATED WETLAND
- EXISTING
- EX. OCCUPIED HOUSE
- EX. BUILDING/STRUCTURE
- PROPOSED PERMANENT ACCESS ROAD
- PROPOSED FENCE LINE
- PROPOSED FENCE LINE WITH FABRIC SCREENING
- PROPOSED SOLAR RACK
- PROPOSED INVERTER SKID

Designated:	SEA
Created:	SP
Drawn:	JWR
As-Built Drawing:	
Project No.:	2019000001
Client:	SWIFT CURRENT
Address:	104 STATE ROUTE 104 CHRISTIAN COUNTY PERMIT PLANS
Scale:	
Date:	
Prepared by:	

SWIFT CURRENT

394 Black River
Route 702
Boston, MA, 02122



Black Diamond Solar
 Christian County, IL

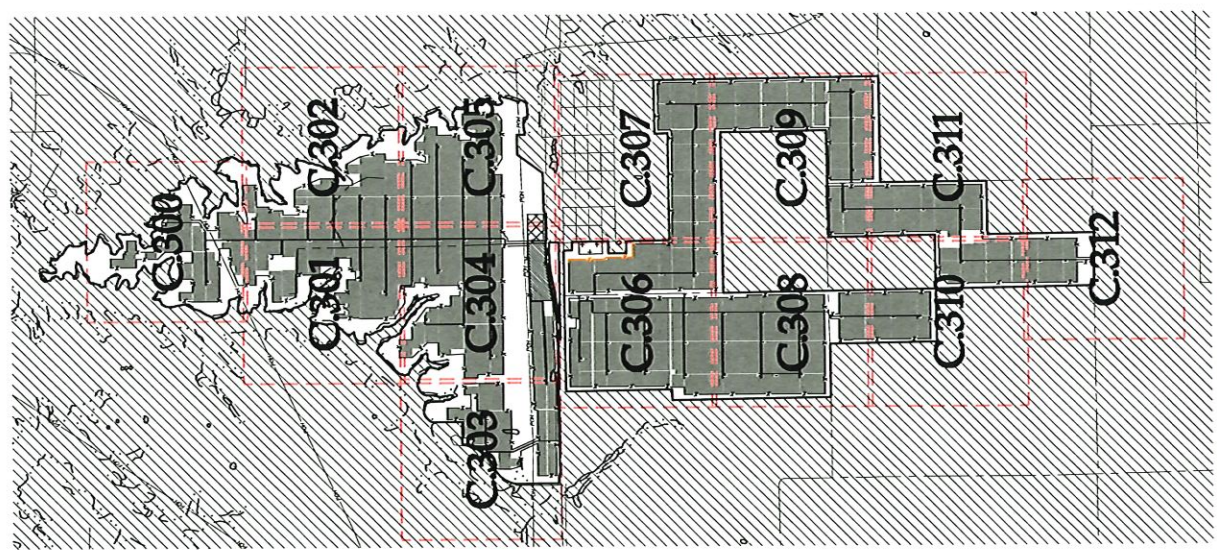
Overall Site Plan

Preliminary County Permit Plans

Date: 08/14/2020
Sheet: C200

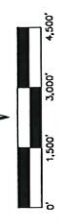
LEGEND

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- PROPOSED PERMANENT ACCESS ROAD
- PROPOSED FENCE LINE
- PROPOSED FENCE LINE WITH FABRIC SCREENING
- PROPOSED SOLAR RACK
- PROPOSED INVERTER SKID
- SHEET INDEX/NUMBER



Designed	SKD
Checked	SK
Drawn	AW
Architect/Drawings	
Engineer/Inspector	
Project No.	2019000001
Date	06/14/2020
Project Name	PRELIMINARY COUNTY PERMIT PLANS
Sheet No.	C.201
Sheet Title	
Scale	
Author	
Reviewer	
Checker	
Approver	

SWIFT CURRENT
 341 High Street
 Suite 202
 Quincy, MA 01906



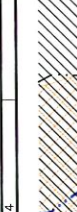
Black Diamond Solar
 Christian County, IL

Sheet Index

Drawn:	SP
Checked:	APW
Project No.:	2020000000
Revision:	A 05/14/20 PRELIMINARY COUNTY PERMIT PLANS

Project Name: **SWIFT CURRENT**

341 High Street
 Suite 100
 Naperville, IL 60563



Black Diamond Solar

Christian County, IL

Site Plan - 1

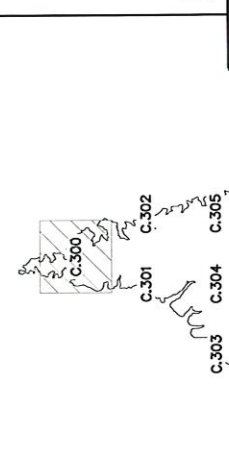
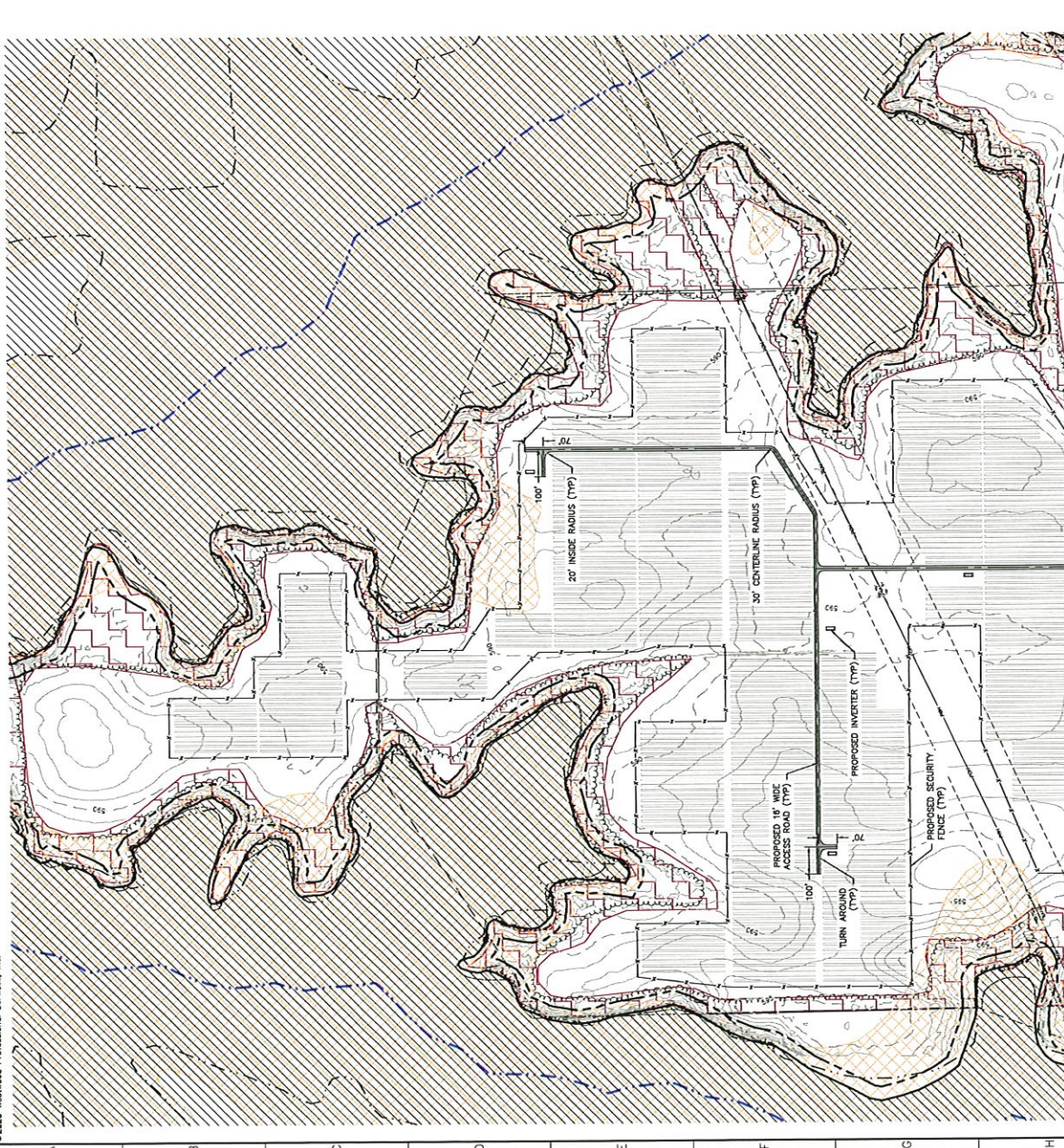
Preliminary County Permit Plans
 Date: 06/14/2020
 Sheet: C-300

LEGEND

[Symbol]	PROJECT BOUNDARY
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[Symbol]	EX. OVERHEAD POWERLINE
[Symbol]	EX. RAILROAD CENTERLINE
[Symbol]	EX. TRAIL
[Symbol]	EX. RIGHT OF WAY
[Symbol]	EX. EASEMENT LINE
[Symbol]	EX. GRAVEL ROAD
[Symbol]	EX. ASPHALT ROAD
[Symbol]	EX. VEGETATION
[Symbol]	EX. FENCE LINE
[Symbol]	EX. INDEX CONTOUR LINE
[Symbol]	EX. INTERVAL CONTOUR LINE
[Symbol]	EX. STREAM (NH)
[Symbol]	EX. WETLAND (NH)
[Symbol]	FEMA FLOOD ZONE
[Symbol]	WETLANDS HABITAT
[Symbol]	EX. FIELD DELINEATED WETLAND
[Symbol]	EXISTING
[Symbol]	PROPOSED
[Symbol]	PROPOSED PERMANENT ACCESS ROAD
[Symbol]	PROPOSED FENCE LINE WITH
[Symbol]	PROPOSED SECURITY FENCE
[Symbol]	50' PROPERTY LINE AND ROAD ROW SETBACK
[Symbol]	PROPOSED DONATION LAND
[Symbol]	PROPOSED INVERTER PAD

NOTES:

1. DAMAGED DRAINAGE MAINS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED TO ORIGINAL CONDITION.
2. DRAINAGE MAINS THAT ARE IMPACTED OR DAMAGED IN-PLACE, RE-ROUTED, OR ABANDONED FOLLOWING EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVE.

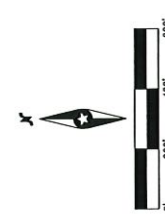


SEE SHEET C.302

SEE SHEET C.301

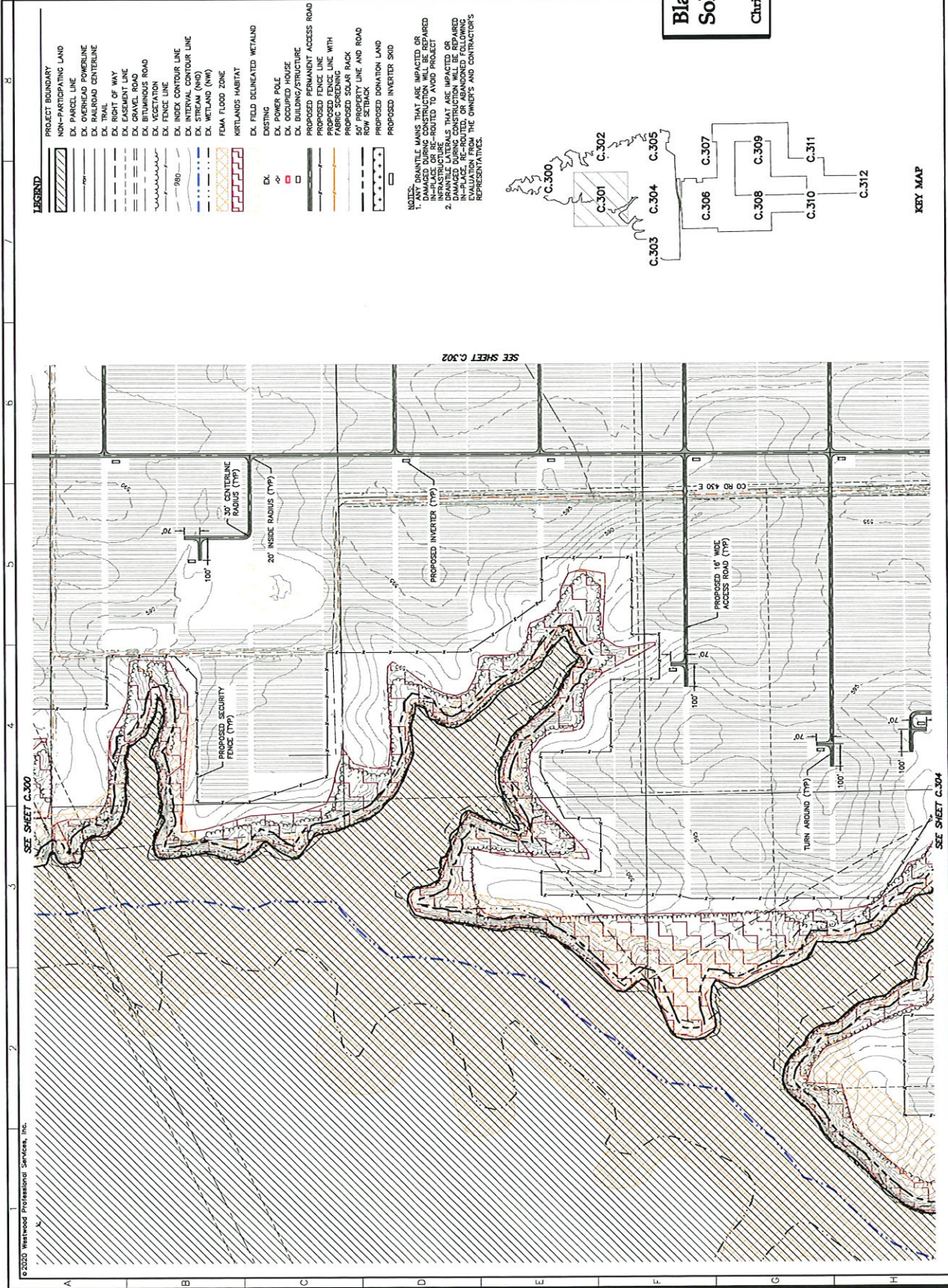
DATE	12/22/2017
DESIGNED BY	A. CHAIKIN
DRAWN BY	A. CHAIKIN
CHECKED BY	A. CHAIKIN
SCALE	AS SHOWN
PROJECT	BLACK DIAMOND SOLAR
COUNTY	CHRISTIAN COUNTY, MISSOURI
TOWNSHIP	18S 04W 02S
RANGE	18S 04W 02S
SECTION	18S 04W 02S PRELIMINARY COUNTY FOREST PLANS

SWIFT CURRENT
 244 High Street
 Suite 101
 Boonville, MO 65232



Black Diamond Solar
 Christian County, IL

Site Plan - 2
 Preliminary County Permit Plans
 Date: 08/14/2020
 Sheet: C301
 002376-002-Rev

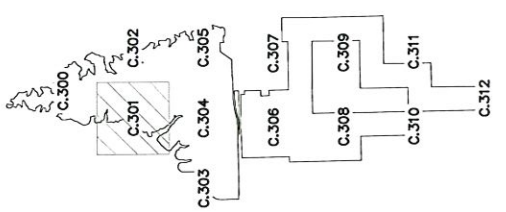


LEGEND

(Hatched Area)	NON-PARTICIPATING LAND
(Dashed Line)	DK PARCEL LINE
(Thick Dashed Line)	DK OVERHEAD POWERLINE
(Thin Dashed Line)	DK ROAD CENTERLINE
(Dotted Line)	DK TRAIL
(Dash-dot Line)	DK RIGHT OF WAY
(Long Dash Line)	DK EASEMENT LINE
(Short Dash Line)	DK GRAVEL ROAD
(Wavy Line)	DK BITUMINOUS ROAD
(Dotted with Center Line)	DK ASPHALT ROAD
(Dotted with Edge Lines)	DK PAVED DRIVE
(Dotted with Contour Lines)	DK INDEX CONTOUR LINE
(Dotted with Internal Contour Lines)	DK INTERNAL CONTOUR LINE
(Dotted with Stream Line)	DK STREAM (NHQ)
(Dotted with Wetland Line)	DK WETLAND (NHQ)
(Dotted with Flood Zone)	DK FEMA FLOOD ZONE
(Dotted with Wetland Habitat)	DK WETLAND HABITAT
(Dotted with Delineated Wetland)	DK FIELD DELINEATED WETLAND
(DK)	DK EXISTING
(DK)	DK POWER POLE
(DK)	DK OCCUPIED HOUSE
(DK)	DK UNOCCUPIED HOUSE
(DK)	DK PROPOSED PERMANENT ACCESS ROAD
(DK)	DK PROPOSED FENCE LINE WITH FABRIC SCREENING
(DK)	DK PROPOSED SOLAR TRACK ROW SETBACK LINE AND ROAD ROW SETBACK LINE AND ROAD ROW SETBACK LINE
(DK)	DK PROPOSED DONATION LAND
(DK)	DK PROPOSED INVERTER SKID

NOTES:

- BRANTLE LANS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR REPLACED OR BE RESTORED TO AVOID PROJECT IMPACTS.
- BRANTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR REPLACED OR RESTORED TO AVOID PROJECT IMPACTS.



KEY MAP

Designated:	SD
Created:	MS
Drawn:	APW
As-Built Drawing:	
Reviewed:	
Approved:	
Project:	PROJECT #
Client:	CLIENT NAME
Location:	LOCATION
Scale:	SCALE
Date:	DATE
Sheet:	SHEET #

SWIFT CURRENT

344 Maple Street
 Southwick, MA 01087
 Phone: 413-586-2222



**Black Diamond
 Solar**

Christian County, IL

Site Plan - 3

Preliminary County
 Permit Plans

Date: 08/14/2020

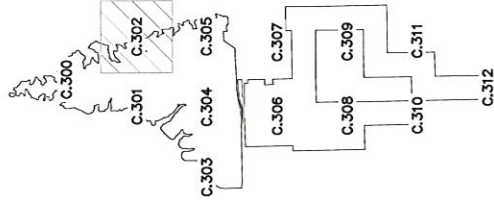
Sheet: C-302

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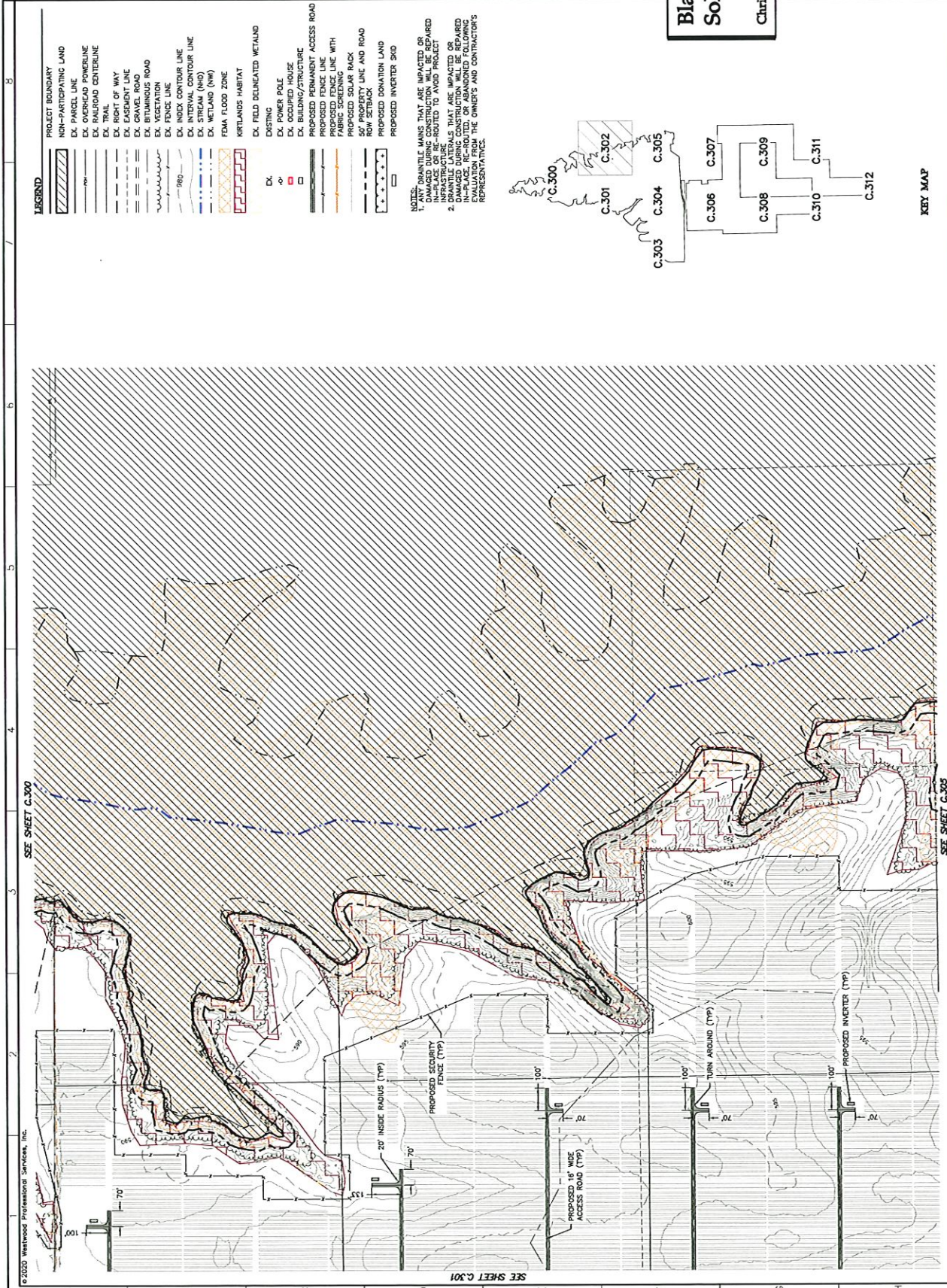
LEGEND

[Symbol]	PROJECT BOUNDARY
[Symbol]	NON-PARTICIPATING LAND
[Symbol]	EX. PARCEL LINE
[Symbol]	EX. OVERHEAD POWERLINE
[Symbol]	EX. ROAD CENTERLINE
[Symbol]	EX. TRAIL
[Symbol]	EX. RIGHT OF WAY
[Symbol]	EX. EASEMENT LINE
[Symbol]	EX. GRAVEL ROAD
[Symbol]	EX. BITUMINOUS ROAD
[Symbol]	EX. VEGETATION
[Symbol]	EX. FENCE LINE
[Symbol]	EX. INTERIOR CURB LINE
[Symbol]	EX. STREAM (NHD)
[Symbol]	EX. STREAM (NHD)
[Symbol]	EX. WETLAND (NHD)
[Symbol]	EX. WETLAND (NHD)
[Symbol]	FEMA FLOOD ZONE
[Symbol]	WETLANDS HABITAT
[Symbol]	EX. FIELD DELIMITED METALD
[Symbol]	EX. DISTING
[Symbol]	EX. POWER POLE
[Symbol]	EX. BUILDING/STRUCTURE
[Symbol]	EX. OCCUPIED HOUSE
[Symbol]	PROPOSED FENCE LINE
[Symbol]	PROPOSED FENCE LINE WITH FABRIC SCREENING
[Symbol]	PROPOSED SOLAR RACK
[Symbol]	PROPOSED ROW LINE AND ROAD ROW SETBACK
[Symbol]	PROPOSED DONATION LAND
[Symbol]	PROPOSED INVERTER PAD

NOTES:
 1. BRANTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN-PLACE OR BE ROUTED TO AVOID PROJECT.
 2. BRANTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN-PLACE OR BE ROUTED TO AVOID PROJECT. EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.



KEY MAP



SEE SHEET C.300

SEE SHEET C.303

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SEE SHEET C.301

Design:	SKD
Checked:	SK
Drawn:	AKP
Auto-CAD Drawing:	
Revised:	
J. SWIFT REGISTERED PROFESSIONAL ENGINEER	
A. STAVROS REGISTERED CIVIL ENGINEER	
Prepared For:	

SWIFT CURRENT

344 Maple Street
 Suite 202
 Ocean Springs, AL 36566



Black Diamond Solar
 Christian County, IL

Site Plan - 4

Preliminary County
 Permit Plans

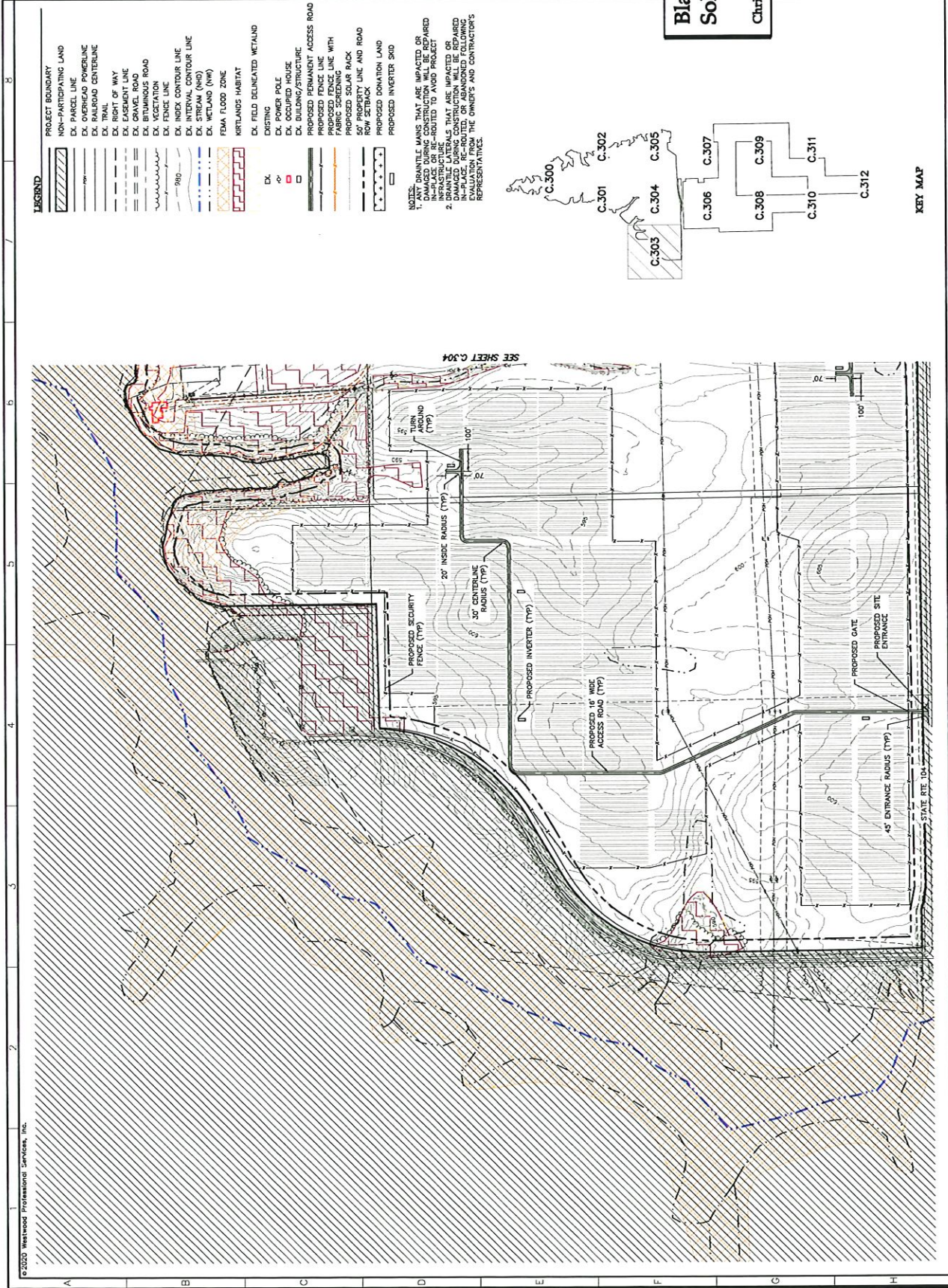
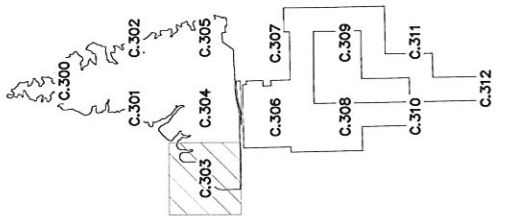
Date: 08/14/2020
 Sheet: C303

0022171-007.dwg

LEGEND

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[Symbol]	EX. OVERHEAD POWERLINE
[Symbol]	EX. FLOOD CONTIGUOUS
[Symbol]	EX. TRAIL
[Symbol]	EX. RIGHT OF WAY
[Symbol]	EX. EASEMENT LINE
[Symbol]	EX. GRAVEL ROAD
[Symbol]	EX. BITUMINOUS ROAD
[Symbol]	EX. VEGETATION
[Symbol]	EX. 100' INTERNAL CONTIGUOUS LINE
[Symbol]	EX. 50' INTERNAL CONTIGUOUS LINE
[Symbol]	EX. STREAM (NHD)
[Symbol]	EX. WETLAND (NHD)
[Symbol]	FEMA FLOOD ZONE
[Symbol]	WETLANDS HABITAT
[Symbol]	EX. FIELD DELINEATED METALD
[Symbol]	EXISTING
[Symbol]	EX. POWER POLE
[Symbol]	EX. OCCUPIED HOUSE
[Symbol]	EX. BUILDING/STRUCTURE
[Symbol]	PROPOSED FENCE LINE WITH FABRIC SCREENING
[Symbol]	PROPOSED SOLAR RACK
[Symbol]	PROPOSED 16' WIDE ACCESS ROAD
[Symbol]	PROPOSED 10' WIDE ACCESS ROAD
[Symbol]	PROPOSED INVERTER PAD

NOTES:
 1. BRITTLE LANS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR RE-ROUTED TO AVOID PROJECT.
 2. BRITTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR RE-ROUTED OR ABANDONED FOLLOWING EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.



Symbol	Description
[Hatched Box]	NON-PARTICIPATING LAND
[Dashed Line]	EX. PARCEL LINE
[Dashed Line]	EX. OVERHEAD POWERLINE
[Dashed Line]	EX. ROAD CENTERLINE
[Dashed Line]	EX. TRAIL
[Dashed Line]	EX. RIGHT OF WAY
[Dashed Line]	EX. EASEMENT LINE
[Dashed Line]	EX. GRAVEL ROAD
[Dashed Line]	EX. BITUMINOUS ROAD
[Dashed Line]	EX. ASPHALT DRIVE
[Dashed Line]	EX. FENCE LINE
[Dashed Line]	EX. INDEX CONTOUR LINE
[Dashed Line]	EX. INTERVAL CONTOUR LINE
[Dashed Line]	EX. STREAM (NH)
[Dashed Line]	EX. WETLAND (NH)
[Dashed Line]	EX. WETLAND (NM)
[Dashed Line]	FEMA FLOOD ZONE
[Dashed Line]	WETLANDS HABITAT
[Dashed Line]	EX. FIELD DELIMITED WETLAND
[Dashed Line]	EXISTING
[Dashed Line]	EX. POWER POLE
[Dashed Line]	EX. OCCUPIED HOUSE
[Dashed Line]	EX. UNOCCUPIED HOUSE
[Dashed Line]	PROPOSED PERMANENT ACCESS ROAD
[Dashed Line]	PROPOSED FENCE LINE
[Dashed Line]	PROPOSED FENCE LINE WITH FABRIC SCREENING
[Dashed Line]	PROPOSED SOLAR RACK
[Dashed Line]	PROPOSED TRAIL
[Dashed Line]	PROPOSED UTILITY LINE AND ROAD ROW SETBACK LINE AND ROAD
[Dashed Line]	PROPOSED DONATION LAND
[Dashed Line]	PROPOSED INVERTER SKID

SWIFT CURRENT

344 High Street
 Suite 100
 Boone, NC 28608



Black Diamond Solar

Christian County, IL

Site Plan - 5

Preliminary County Permit Plans

Date: 08/14/2020
 Sheet: C304

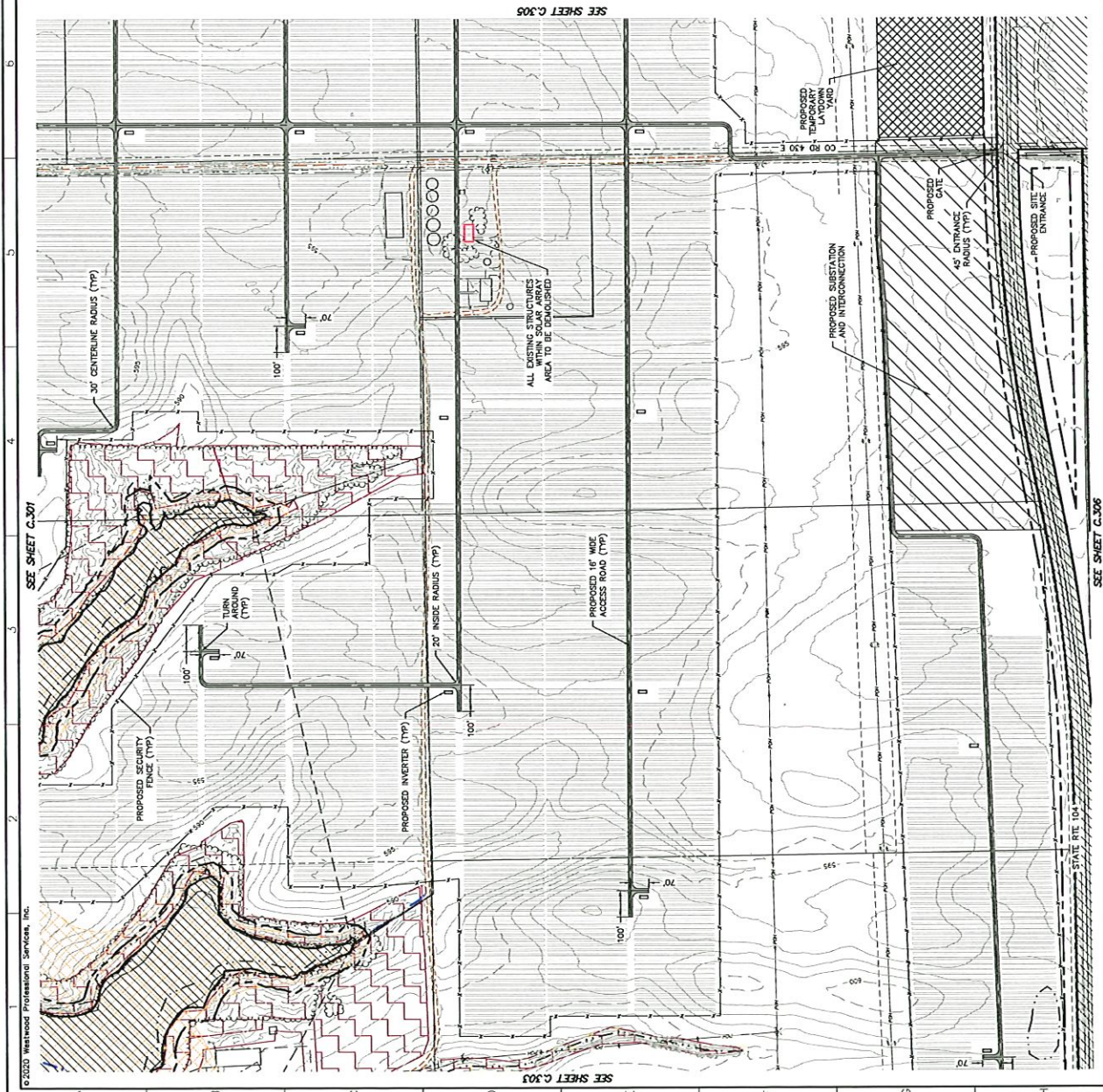
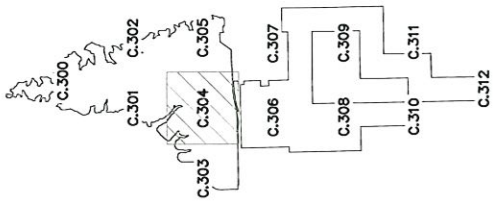
00212179-0027.dwg

LEGEND

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- EX. PARCEL LINE
- EX. OVERHEAD POWERLINE
- EX. ROAD CENTERLINE
- EX. TRAIL
- EX. RIGHT OF WAY
- EX. EASEMENT LINE
- EX. GRAVEL ROAD
- EX. BITUMINOUS ROAD
- EX. ASPHALT DRIVE
- EX. FENCE LINE
- EX. INDEX CONTOUR LINE
- EX. INTERVAL CONTOUR LINE
- EX. STREAM (NH)
- EX. WETLAND (NH)
- EX. WETLAND (NM)
- FEMA FLOOD ZONE
- WETLANDS HABITAT
- EX. FIELD DELIMITED WETLAND
- EXISTING
- EX. POWER POLE
- EX. OCCUPIED HOUSE
- EX. UNOCCUPIED HOUSE
- PROPOSED PERMANENT ACCESS ROAD
- PROPOSED FENCE LINE
- PROPOSED FENCE LINE WITH FABRIC SCREENING
- PROPOSED SOLAR RACK
- PROPOSED TRAIL
- PROPOSED UTILITY LINE AND ROAD ROW SETBACK LINE AND ROAD
- PROPOSED DONATION LAND
- PROPOSED INVERTER SKID

NOTES:

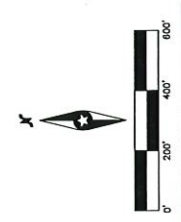
- BRITTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR REPLACED OR BE RE-ROUTED TO AVOID PROJECT.
- BRITTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR REPLACED OR ABANDONED FOLLOWING EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.



Symbol	Description
[Hatched Box]	PROJECT BOUNDARY
[Dashed Line]	NON-PARTICIPATING LAND
[Solid Line]	EX. PARCEL LINE
[Dotted Line]	EX. OVERHEAD POWERLINE
[Wavy Line]	EX. ROAD CENTERLINE
[Dashed Line]	EX. TRAIL
[Dashed Line]	EX. RIGHT OF WAY
[Dashed Line]	EX. EASEMENT LINE
[Dashed Line]	EX. GRAVEL ROAD
[Dashed Line]	EX. BITUMINOUS ROAD
[Dashed Line]	EX. FENCE LINE
[Dashed Line]	EX. INDEX CONTOUR LINE
[Dashed Line]	EX. INTERVAL CONTOUR LINE
[Dashed Line]	EX. STREAM (NH)
[Dashed Line]	EX. WETLAND (NH)
[Dashed Line]	EX. FEMA FLOOD ZONE
[Hatched Box]	WETLANDS HABITAT
[Dashed Line]	EX. FIELD DELINEATED METALD
[Dashed Line]	EX. DUSTING
[Dashed Line]	EX. POWER POLE
[Dashed Line]	EX. GEODEMIC HOUSE
[Dashed Line]	EX. GEODEMIC STRUCTURE
[Dashed Line]	PROPOSED PERMANENT ACCESS ROAD
[Dashed Line]	PROPOSED FENCE LINE WITH FABRIC SCREENING
[Dashed Line]	PROPOSED SOLAR INACK
[Dashed Line]	PROPOSED DRIVE LANE AND ROAD ROW SETBACK
[Dashed Line]	PROPOSED DONATION LAND
[Dashed Line]	PROPOSED INVERTER SKID

SWIFT CURRENT

34 High Street
 South Plain
 Boston, MA 02220



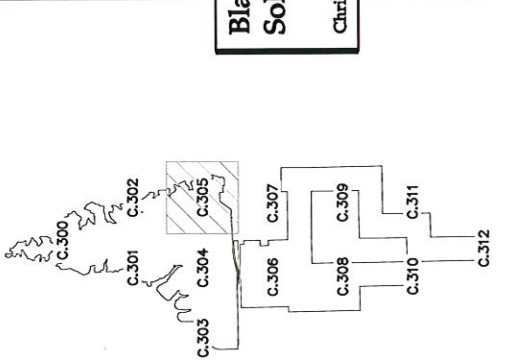
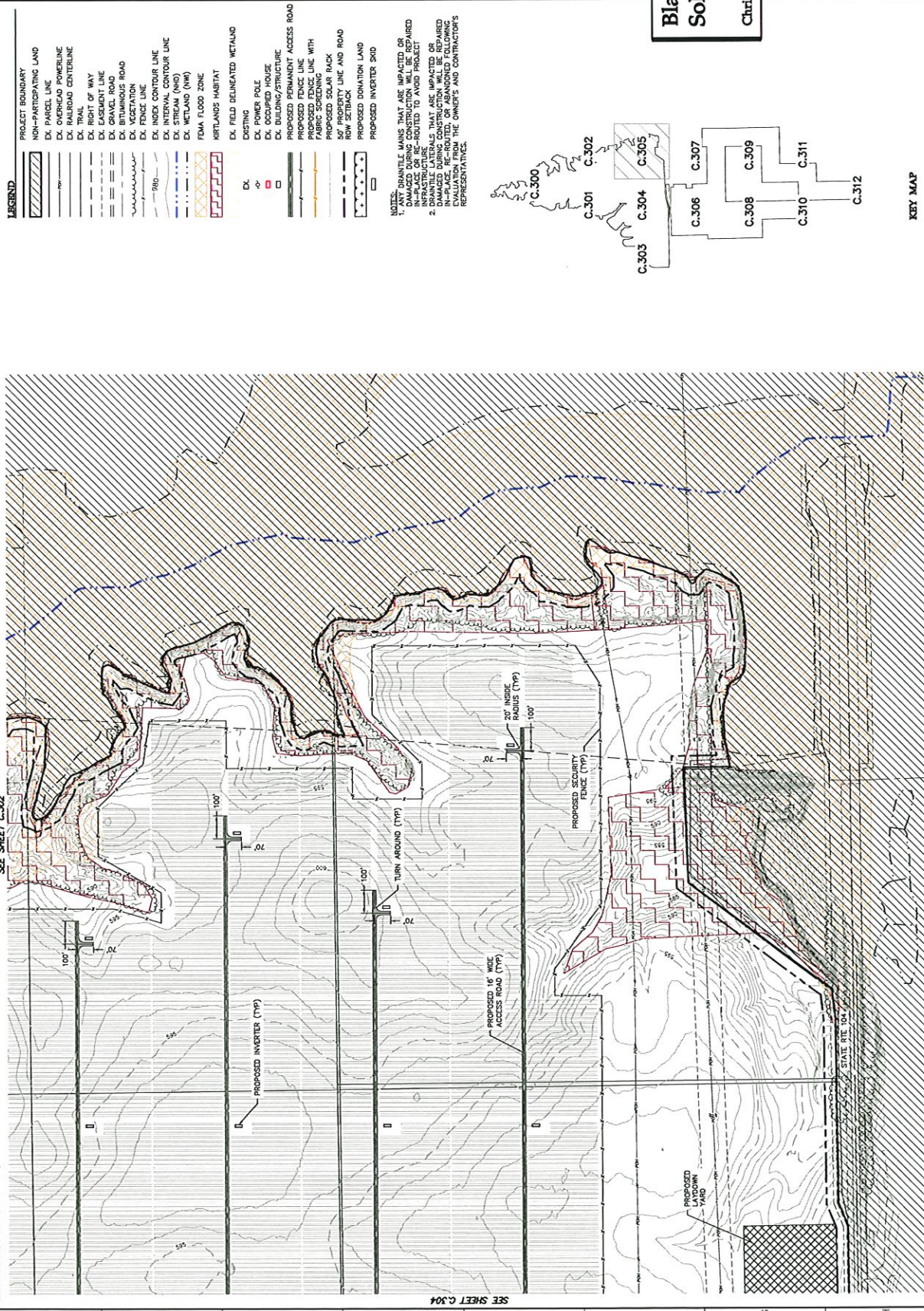
Black Diamond Solar
 Christian County, IL

Site Plan - 6

Preliminary County Permit Plans

Date: 08/14/2020
 Sheet: C305

002225-000-004



KEY MAP

NOTES:
 1. DRAINAGE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN PLACE OR BE RE-ROUTED TO AVOID PROJECT IMPACTS.
 2. DRAINAGE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN PLACE, RE-ROUTED, OR ABANDONED FOLLOWING EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.

SEE SHEET C.302

SEE SHEET C.304

SEE SHEET C.307

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Symbol	Description
[Hatched]	PROJECT BOUNDARY
[Dashed]	NON-PARTICIPATING LAND
[Solid]	DK. PARCEL LINE
[Dotted]	DK. ORIGINIAL POWERLINE
[Dashed]	DK. ROAD CENTERLINE
[Dashed]	DK. TRAIL
[Dashed]	DK. RIGHT OF WAY
[Dashed]	DK. EASEMENT LINE
[Dashed]	DK. GRAVEL ROAD
[Dashed]	DK. BITUMINOUS ROAD
[Dashed]	DK. FENCE LINE
[Dashed]	DK. INDEX CONTOUR LINE
[Dashed]	DK. INTERVAL CONTOUR LINE
[Dashed]	DK. STREAM (NHD)
[Dashed]	DK. WETLAND (NHD)
[Dashed]	DK. FEMA FLOOD ZONE
[Dashed]	WETLANDS HABITAT
[Dashed]	DK. FIELD DELIMITED METALND
[Dashed]	EXISTING
[Dashed]	DK. POWER POLE
[Dashed]	DK. GEODOME
[Dashed]	DK. GEODOME STRUCTURE
[Dashed]	PROPOSED PERMANENT ACCESS ROAD
[Dashed]	PROPOSED FENCE LINE WITH FABRIC SCREENING
[Dashed]	PROPOSED SOLAR TRACK
[Dashed]	PROPOSED ROW LINE AND ROAD ROW SETBACK
[Dashed]	PROPOSED DONATION LAND
[Dashed]	PROPOSED INVERTER SKID

SWIFT CURRENT

344 South Street
 Suite 202
 Napa, CA 94558



Black Diamond Solar

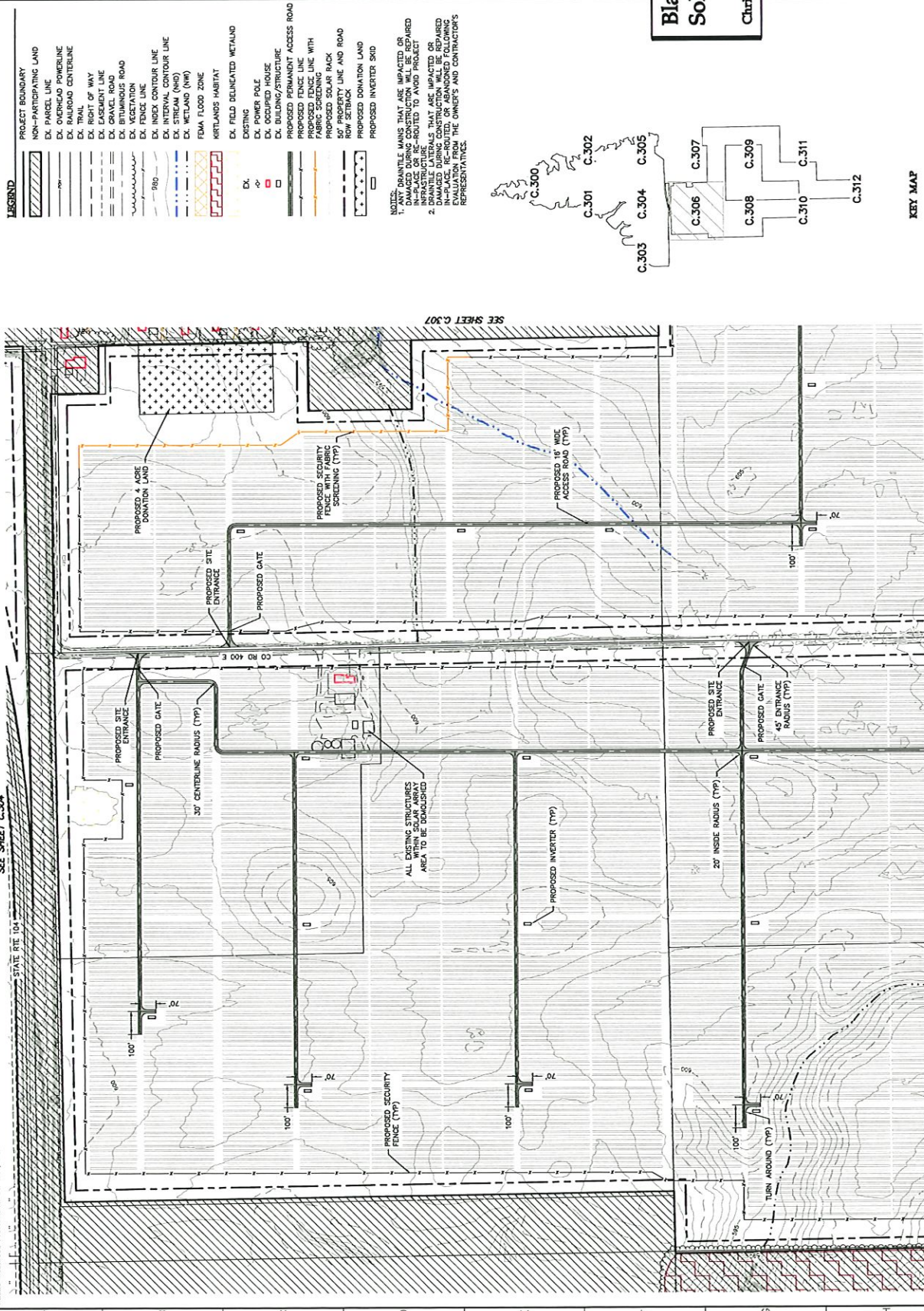
Christian County, IL

Site Plan - 7

Preliminary County Permit Plans

Date: 08/14/2020
 Sheet: C-306

002127-007.dwg



NOTES:
 1. DRAINAGE MAINS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR REPLACED.
 2. DRAINAGE INFRASTRUCTURE TO BE REPAIRED OR REPLACED.
 3. BRITTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR REPLACED.
 4. ALL UTILITIES TO BE REPAIRED OR REPLACED FOLLOWING EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.

SEE SHEET C.304

STATE RTE 104

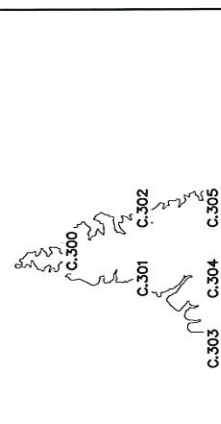
© 2020 Westwood Professional Services, Inc.

SEE SHEET C.308

KEY MAP

Designator	Description
---	NON-PARTICIPATING LAND
- - - -	EX. PARCEL LINE
- - - -	EX. OVERHEAD POWERLINE
- - - -	EX. FENCING CENTERLINE
- - - -	EX. TRAIL
- - - -	EX. RIGHT OF WAY
- - - -	EX. EASEMENT LINE
- - - -	EX. GRAVEL ROAD
- - - -	EX. BITUMINOUS ROAD
- - - -	EX. VEGETATION
- - - -	EX. FENCE LINE
- - - -	EX. PROPERTY LINE
- - - -	EX. INTERNAL CONTOUR LINE
- - - -	EX. STREAM (NHD)
- - - -	EX. WETLAND (NHD)
- - - -	FEMA FLOOD ZONE
- - - -	WETLANDS HABITAT
- - - -	EX. FIELD DELINEATED METALOID DISTING.
- - - -	EX. POWER POLE
- - - -	EX. OCCUPIED HOUSE
- - - -	EX. BUILDING/STRUCTURE
- - - -	EX. EXISTING DRIVEWAY
- - - -	EX. ACCESS ROAD
- - - -	PROPOSED FENCE LINE WITH FABRIC SCREENING
- - - -	PROPOSED SOLAR RACK
- - - -	PROPOSED UTILITY LINE AND ROAD ROW SETBACK
- - - -	PROPOSED DONATION LAND
- - - -	PROPOSED INVERTER SKID

NOTES:
 1. BRANTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN-PLACE OR BE-ROUTED TO AVOID PROJECT.
 2. BRANTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN-PLACE OR BE-ROUTED TO AVOID PROJECT. EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.

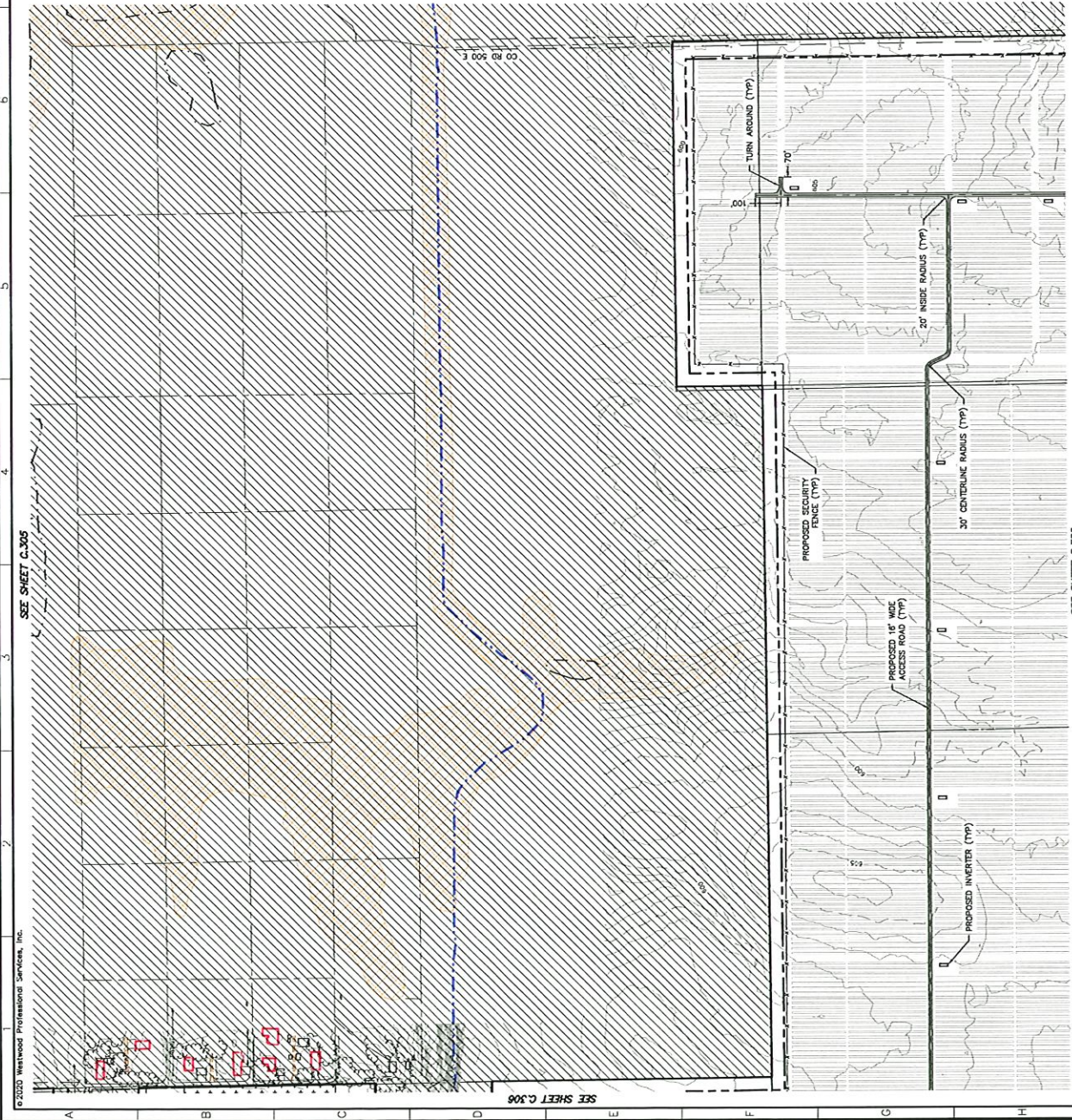


Black Diamond Solar
 Christian County, IL

Site Plan - 8

Preliminary County Permit Plans

Date: 08/14/2020
 Sheet: C.307



SEE SHEET C.309



Swift Current

34 Maple Street
 Shelton, MA 01550

Prepared for:

SWIFT CURRENT

34 Maple Street
 Shelton, MA 01550

0012178-007-044

Symbol	Description
[Hatched Box]	NON-PARTICIPATING LAND
[Dashed Line]	EX. PARCEL LINE
[Dotted Line]	EX. PROPERTY BOUNDARY LINE
[Dashed Line]	EX. BALD POND CONTINUATION
[Dashed Line]	EX. TRAIL
[Dashed Line]	EX. RIGHT OF WAY
[Dashed Line]	EX. EASEMENT LINE
[Dashed Line]	EX. GRAVEL ROAD
[Dashed Line]	EX. BITUMINOUS ROAD
[Dashed Line]	EX. DRIVEWAY
[Dashed Line]	EX. FENCE LINE
[Dashed Line]	EX. INDEX CONTOUR LINE
[Dashed Line]	EX. INTERVAL CONTOUR LINE
[Dashed Line]	EX. STREAM (NHG)
[Dashed Line]	EX. WETLAND (NHG)
[Dashed Line]	EX. WETLAND (NHG)
[Dashed Line]	EX. FEMA FLOOD ZONE
[Dashed Line]	WETLANDS HABITAT
[Dashed Line]	EX. FIELD DELINEATED METALD
[Dashed Line]	EX. POWER POLE
[Dashed Line]	EX. OCCUPIED HOUSE
[Dashed Line]	EX. OCCUPIED GARAGE
[Dashed Line]	PROPOSED REMAINT ACCESS ROAD
[Dashed Line]	PROPOSED FENCE LINE WITH FABRIC SCREENING
[Dashed Line]	PROPOSED SOLAR INVERTER ROW SETBACK
[Dashed Line]	PROPOSED UTILITY LINE AND ROAD ROW SETBACK
[Dashed Line]	PROPOSED DONATION LAND
[Dashed Line]	PROPOSED INVERTER SKID

SWIFT CURRENT

34 North Street
 Suite 202
 Boston, MA 02109



Black Diamond Solar

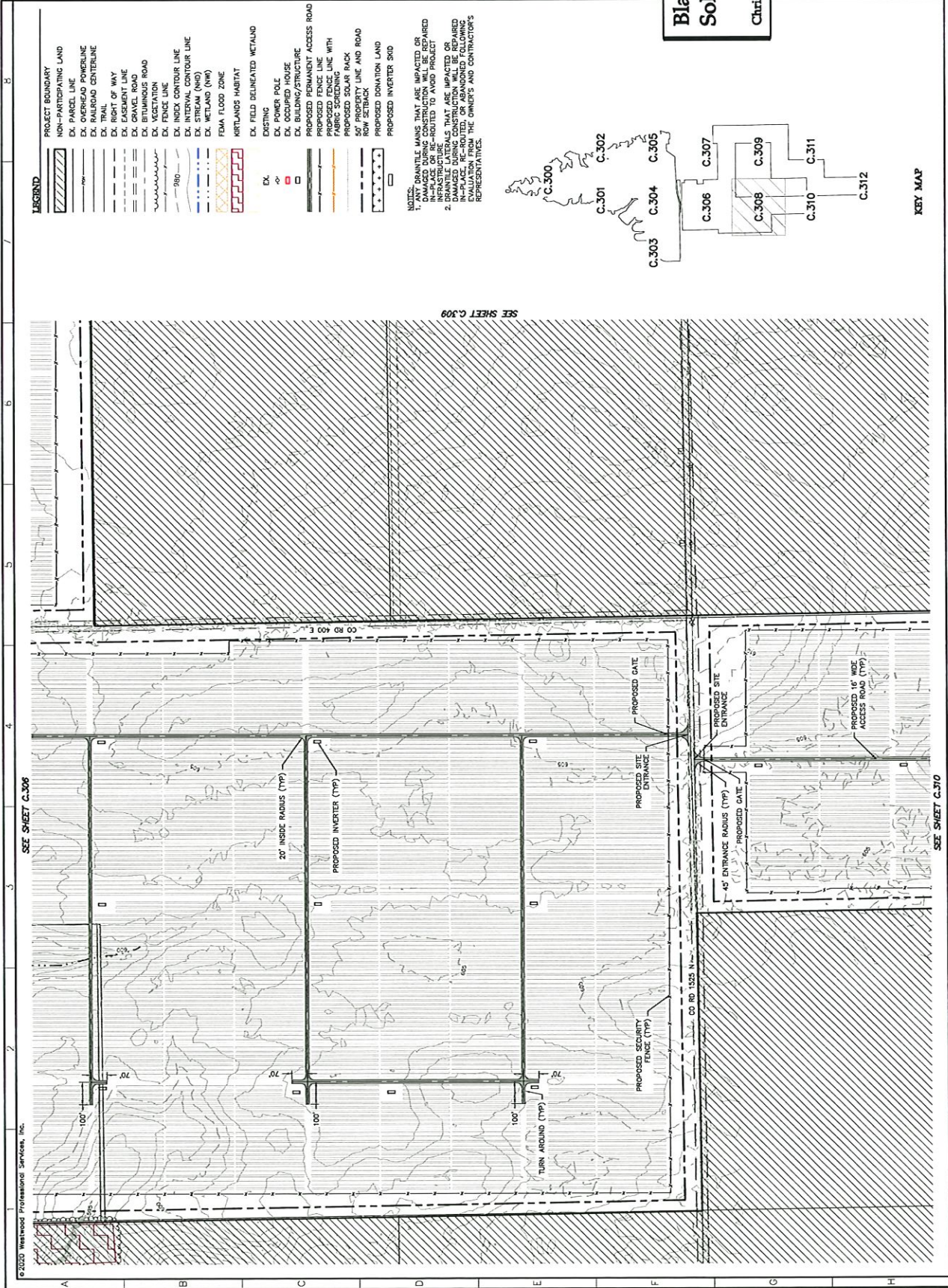
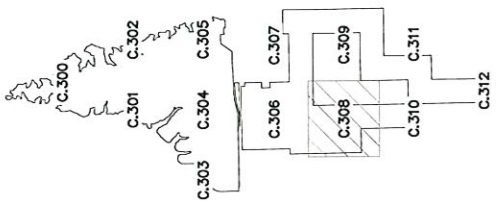
Christian County, IL

Site Plan - 9

Preliminary County Permit Plans

Date: 08/14/2020
 Sheet: C306

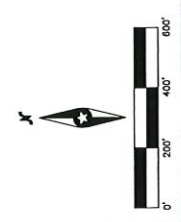
KEY MAP



NOTES:
 1. DRAINAGE LINES THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN PLACE OR BE REROUTED TO AVOID PROJECT IMPACTS.
 2. DRAINAGE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN PLACE, BE REROUTED, OR ABANDONED FOLLOWING EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.

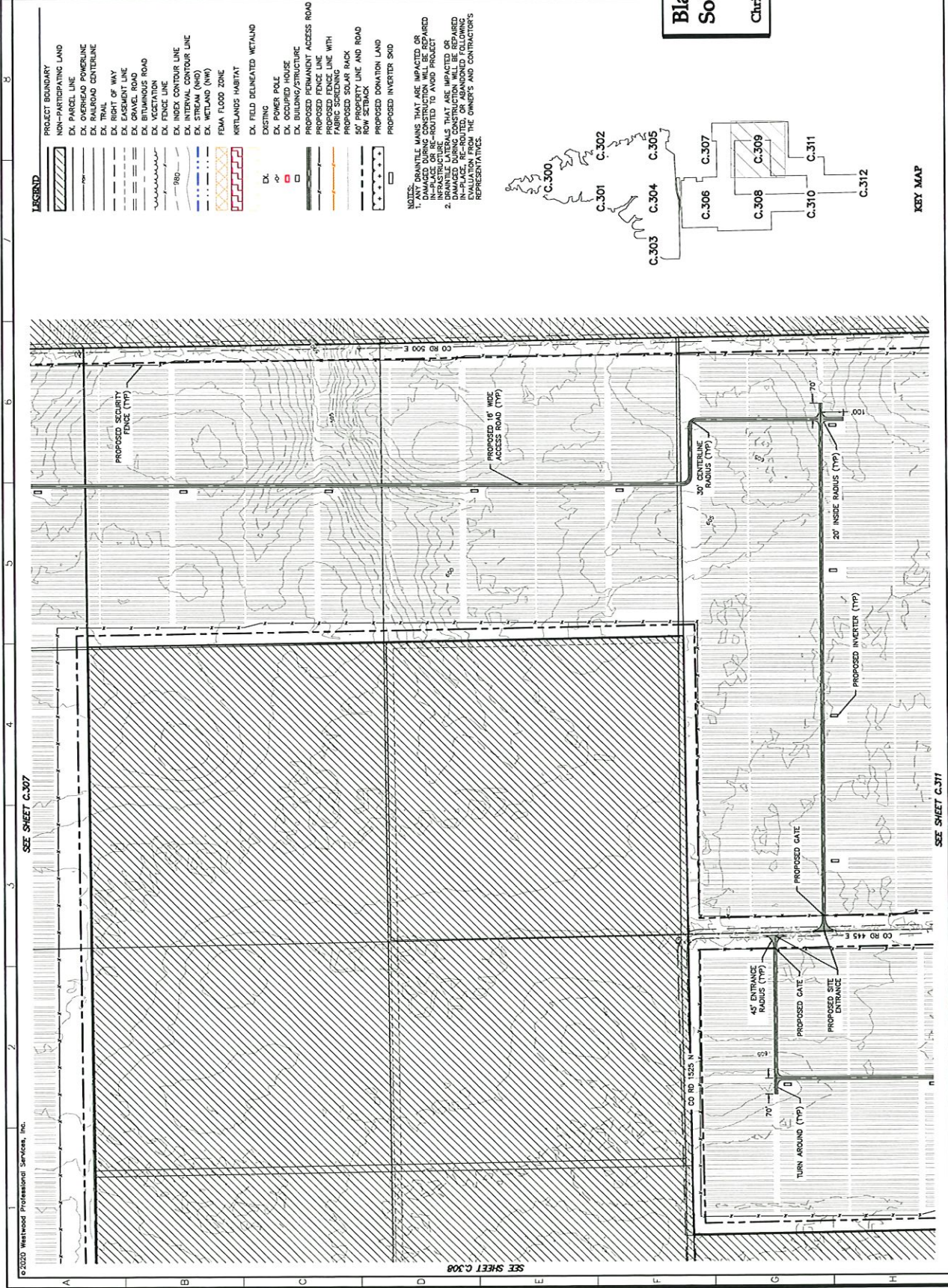
Project No.	2020-001
Client	SWIFT CURRENT
Site	Black Diamond Solar
As-built Drawing	NO
Revision	NO
Scale	AS SHOWN
Date	08/14/2020
Sheet	C-309

SWIFT CURRENT
 341 High Street
 Suite 201
 Danbury, CT 06820



Black Diamond Solar
 Christian County, IL

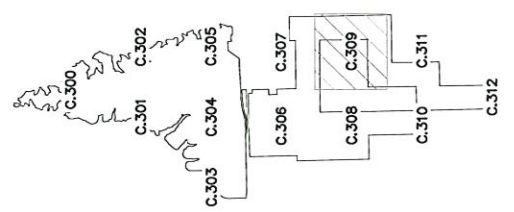
Site Plan - 10
 Preliminary County Permit Plans
 Date: 08/14/2020
 Sheet: C-309
 0025276-0025404.dwg



LEGEND

[Symbol]	PROJECT BOUNDARY
[Symbol]	NON-PARTICIPATING LAND
[Symbol]	EX. PARCEL LINE
[Symbol]	EX. RAILROAD CENTERLINE
[Symbol]	EX. RAILROAD CENTERLINE
[Symbol]	EX. TRAIL
[Symbol]	EX. RIGHT OF WAY
[Symbol]	EX. EASEMENT LINE
[Symbol]	EX. GRAVEL ROAD
[Symbol]	EX. BITUMINOUS ROAD
[Symbol]	EX. ASPHALT DRIVE
[Symbol]	EX. FENCE LINE
[Symbol]	EX. INDEX CONTOUR LINE
[Symbol]	EX. INTERVAL CONTOUR LINE
[Symbol]	EX. STREAM (NH)
[Symbol]	EX. WETLAND (NH)
[Symbol]	FEMA FLOOD ZONE
[Symbol]	WETLANDS HABITAT
[Symbol]	EX. FIELD DELINEATED WETLAND
[Symbol]	EXISTING
[Symbol]	EX. POWER POLE
[Symbol]	EX. METAL STRUCTURE
[Symbol]	EX. BRICK STRUCTURE
[Symbol]	PROPOSED PERMANENT ACCESS ROAD
[Symbol]	PROPOSED FENCE LINE WITH FABRIC SCREENING
[Symbol]	PROPOSED SOLAR BACK ROW SETBACK
[Symbol]	PROPOSED UTILITY LINE AND ROAD ROW SETBACK
[Symbol]	PROPOSED DONATION LAND
[Symbol]	PROPOSED INVERTER SKID

NOTES:
 1. BRITTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN PLACE OR BE RE-ROUTED TO AVOID PROJECT IMPACTS.
 2. BRITTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN PLACE, RE-ROUTED, OR ABANDONED FOLLOWING EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.



KEY MAP

SEE SHEET C.307

SEE SHEET C.308

SEE SHEET C.311

DATE	08/14/2020
DRAWN BY	AM
CHECKED BY	AM
SCALE	AS SHOWN
PROJECT NO.	20-001
SHEET NO.	11
TITLE	PRELIMINARY COUNTY POINT PLANS
CLIENT	SWIFT CURRENT
LOCATION	BRANTLEY COUNTY, MISSISSIPPI
PROJECT DESCRIPTION	BLACK DIAMOND SOLAR

SWIFT CURRENT

344 High Street
 Suite 100
 Brantley, GA 31505



Black Diamond Solar

Christian County, IL

Site Plan - 11

Preliminary County
 Permit Plans

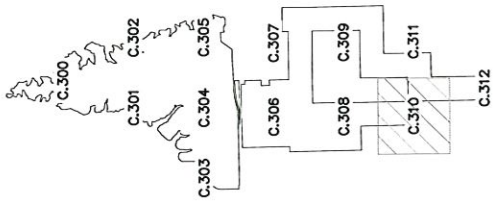
Date: 08/14/2020
 Sheet: C-310

002175-029-044

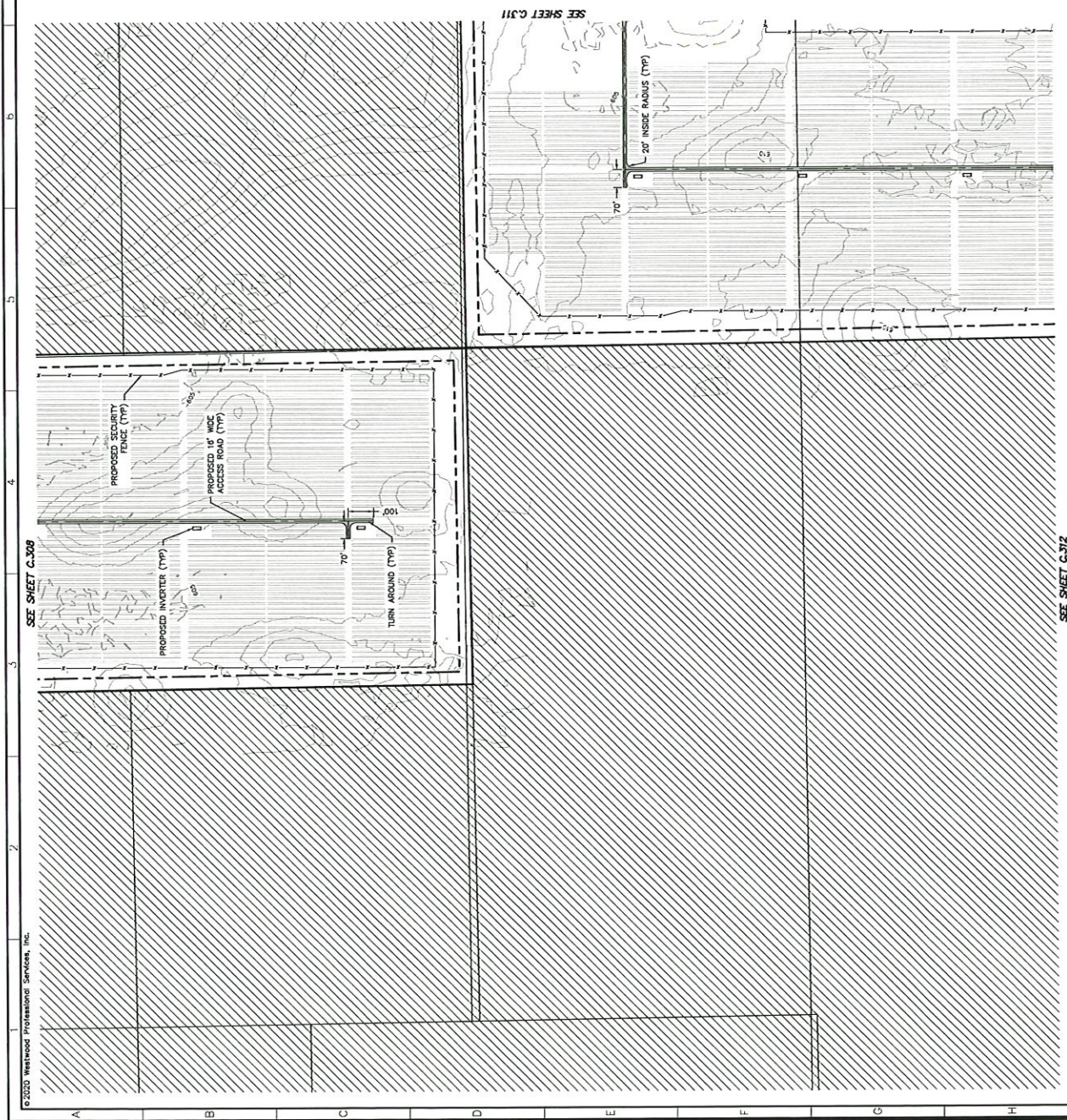
LEGEND

[Symbol]	PROJECT BOUNDARY
[Symbol]	NON-PARTICIPATING LAND
[Symbol]	EX. PARCEL LINE
[Symbol]	EX. OVERHEAD POWERLINE
[Symbol]	EX. TYPICAL CONTOUR LINE
[Symbol]	EX. TRAIL
[Symbol]	EX. RIGHT OF WAY
[Symbol]	EX. EASEMENT LINE
[Symbol]	EX. GRAVEL ROAD
[Symbol]	EX. BITUMINOUS ROAD
[Symbol]	EX. ASPHALT DRIVE
[Symbol]	EX. FENCE LINE
[Symbol]	EX. INDEX CONTOUR LINE
[Symbol]	EX. INTERNAL CONTOUR LINE
[Symbol]	EX. STREAM (NHQ)
[Symbol]	EX. WETLAND (NHQ)
[Symbol]	EX. WETLAND (NH)
[Symbol]	FEMA FLOOD ZONE
[Symbol]	WETLANDS HABITAT
[Symbol]	EX. FIELD DELINEATED WETLAND
[Symbol]	EXISTING
[Symbol]	EX. POWER POLE
[Symbol]	EX. GEODEMIC HOUSE
[Symbol]	EX. BRANTLEY HOUSE
[Symbol]	PROPOSED REMAINT ACCESS ROAD
[Symbol]	PROPOSED FENCE LINE
[Symbol]	PROPOSED FENCE LINE WITH FABRIC SCREENING
[Symbol]	PROPOSED SOLAR TRACK
[Symbol]	ROW STRIP
[Symbol]	ROW STRIP (LINC AND ROAD)
[Symbol]	PROPOSED DONATION LAND
[Symbol]	PROPOSED INVERTER SKID

NOTES:
 1. BRANTLEY LANS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN PLACE OR BE RE-ROUTED TO AVOID PROJECT
 2. BRANTLEY LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN PLACE OR ABANDONED FOLLOWING EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.



KEY MAP



SEE SHEET C.308

SEE SHEET C.311

SEE SHEET C.312

Client:	Swift Current
Project:	Black Diamond Solar
Location:	Christian County, IL
Scale:	AS SHOWN
Author:	J. [Name]
Checker:	[Name]
Date:	08/14/2020
Sheet:	C-311

SWIFT CURRENT

344 High Street
 Suite 202
 Boston, MA 02202



Black Diamond Solar

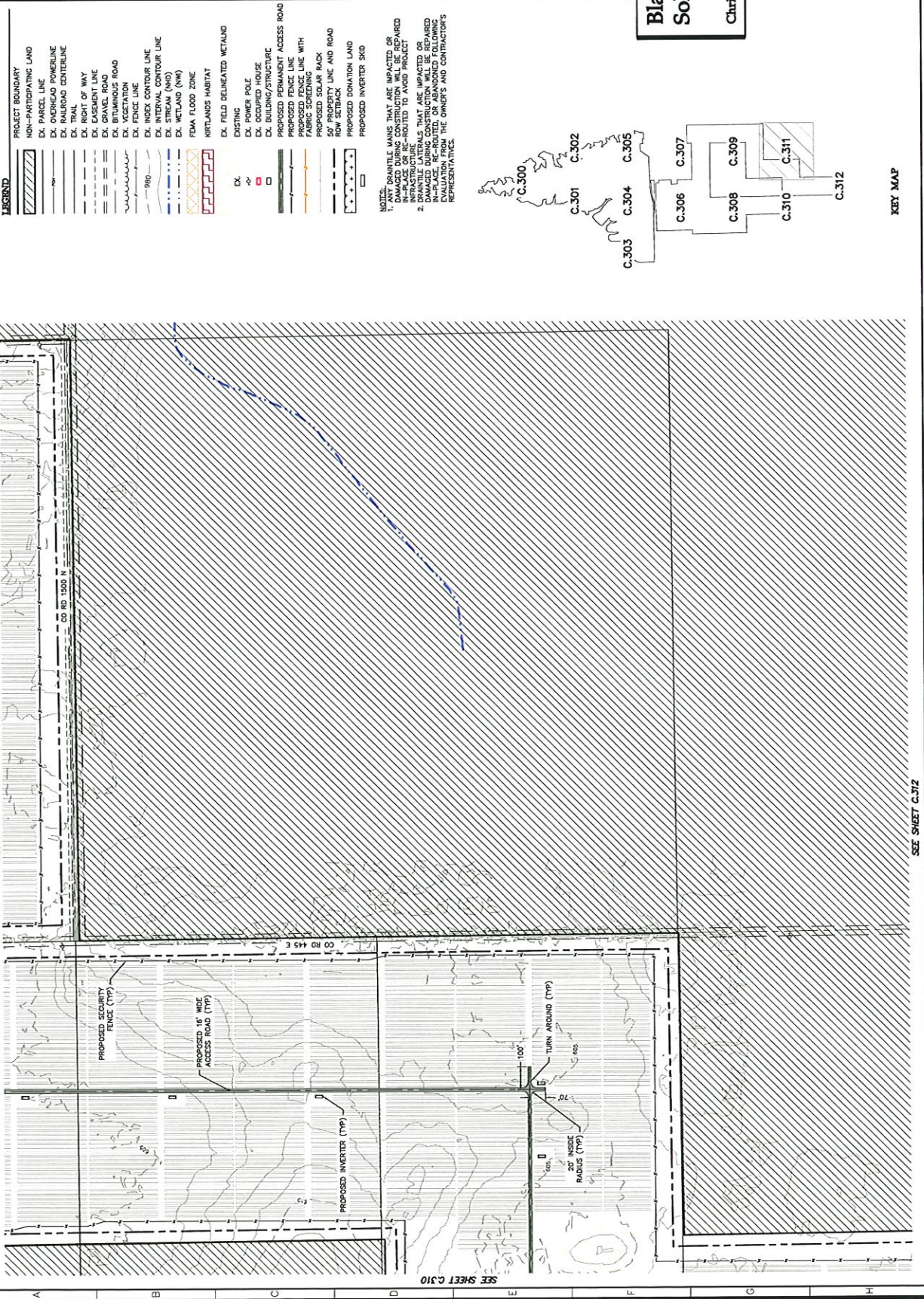
Christian County, IL

Site Plan - 12

Preliminary County
 Permit Plans

Date: 08/14/2020
 Sheet: C-311

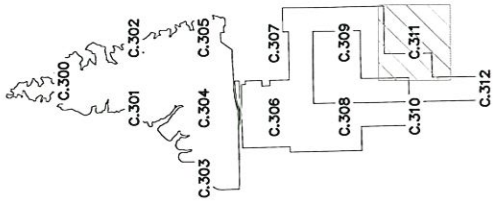
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LEGEND

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- EX. PARCEL LINE
- EX. OVERHEAD POWERLINE
- EX. TRAILING CONTIGUOUS
- EX. TRAIL
- EX. RIGHT OF WAY
- EX. EASEMENT LINE
- EX. GRAVEL ROAD
- EX. BITUMINOUS ROAD
- EX. VEGETATION
- EX. INDEX CONTOUR LINE
- EX. INTERVAL CONTOUR LINE
- EX. STREAM (NHD)
- EX. WETLAND (NM)
- EX. FEMA FLOOD ZONE
- WETLANDS HABITAT
- EX. FIELD DELINEATED METALND
- EXISTING
- EX. POWER POLE
- EX. OCCUPIED HOUSE
- EX. UNOCCUPIED HOUSE
- PROPOSED REMAINT ACCESS ROAD
- PROPOSED FENCE LINE
- PROPOSED FENCE LINE WITH FABRIC SCREENING
- PROPOSED SOLAR RACK
- PROPOSED ROW BY UNIC AND ROAD ROW SETBACK
- PROPOSED DONATION LAND
- PROPOSED INVERTER SKID

NOTES:
 1. BRITTLE LANS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR REPLACED OR BE-ROUTED TO AVOID PROJECT
 2. BRITTLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR REPLACED OR BE-ROUTED OR ABANDONED FOLLOWING EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.



KEY MAP

Design:	SKD
Checked:	SKD
Drawn:	AKP
As-Built Drawing:	
Project No.:	19-00000000
Scale:	AS SHOWN
Permit Plans:	PRELIMINARY COUNTY PERMIT PLANS
Prepared for:	

SWIFT CURRENT

34 Maple Street
 Southwick, MA 01080

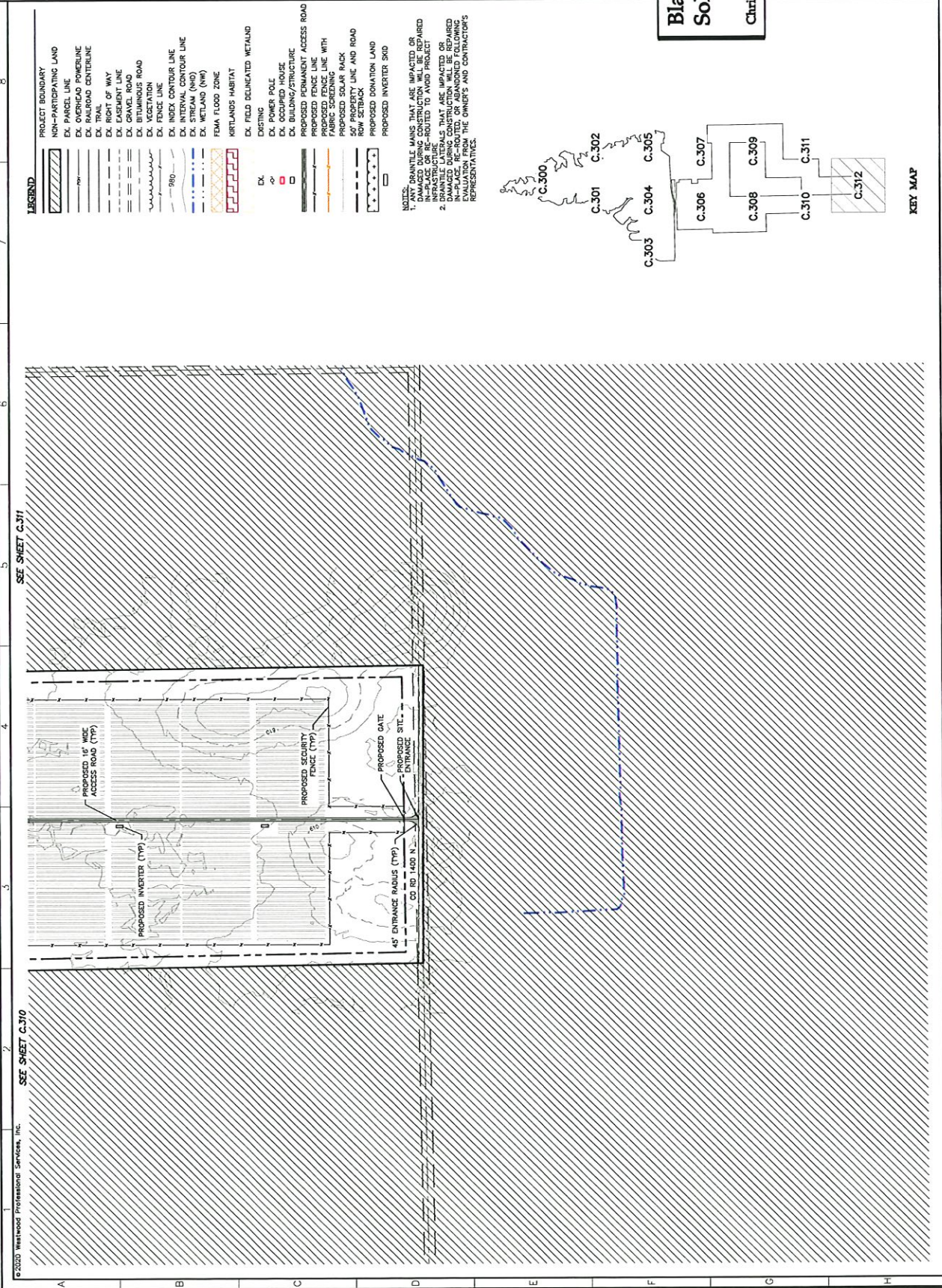


Black Diamond Solar
 Christian County, IL

Site Plan - 13

Preliminary County
 Permit Plans

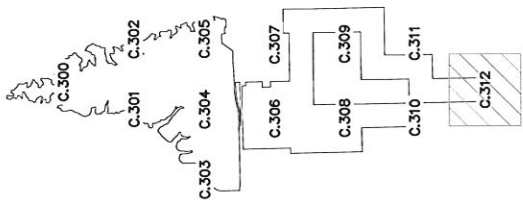
Date: 08/14/2020
 Sheet: C312



LEGEND

[Hatched Box]	PROJECT BOUNDARY
[Dashed Line]	NON-PARTICIPATING LAND
[Solid Line]	EX. PARCEL LINE
[Dotted Line]	EX. OVERROAD POWERLINE
[Wavy Line]	EX. FLOOD CONTOUR LINE
[Dashed Line]	EX. TRAIL
[Dashed Line]	EX. RIGHT OF WAY
[Dashed Line]	EX. EASEMENT LINE
[Dashed Line]	EX. GRAVEL ROAD
[Dashed Line]	EX. BITUMINOUS ROAD
[Dashed Line]	EX. VEGETATION
[Dashed Line]	EX. INDEX CONTOUR LINE
[Dashed Line]	EX. INTERNAL CONTOUR LINE
[Dashed Line]	EX. STREAM (NHQ)
[Dashed Line]	EX. WETLAND (NH)
[Dashed Line]	FEMA FLOOD ZONE
[Dashed Line]	WETLANDS HABITAT
[Dashed Line]	EX. FIELD DELICATED METALND
[Dashed Line]	EX. DIRTING
[Dashed Line]	EX. POWER POLE
[Dashed Line]	EX. OCCUPIED HOUSE
[Dashed Line]	EX. OCCUPIED BUILDING
[Dashed Line]	PROPOSED PERMANENT ACCESS ROAD
[Dashed Line]	PROPOSED FENCE LINE WITH FABRIC SCREENING
[Dashed Line]	PROPOSED SOLAR RACK
[Dashed Line]	PROPOSED UTILITY LINE AND ROAD ROW SETBACK
[Dashed Line]	PROPOSED DONATION LAND
[Dashed Line]	PROPOSED INVERTER SKID

NOTES:
 1. DRAINABLE AREAS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN-PLACE OR BE-ROUTED TO AVOID PROJECT.
 2. DRAINABLE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN-PLACE OR BE-ROUTED. EX. JUDICIOUS FOLLOWING EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.



KEY MAP

SEE SHEET C.311

SEE SHEET C.310

Legend	Symbol	Description
	PROJECT BOUNDARY	PROJECT BOUNDARY
	NON-PARTICIPATING LAND	NON-PARTICIPATING LAND
	DRAINAGE AREA BOUNDARY	DRAINAGE AREA BOUNDARY
	PROPOSED SALT FENCE	PROPOSED SALT FENCE
	EX. PARCEL LINE	EX. PARCEL LINE
	EX. PROPERTY BOUNDARY	EX. PROPERTY BOUNDARY
	EX. BARRICADE CENTERLINE	EX. BARRICADE CENTERLINE
	EX. TRAIL	EX. TRAIL
	EX. GRAVEL ROAD	EX. GRAVEL ROAD
	EX. BITUMINOUS ROAD	EX. BITUMINOUS ROAD
	EX. VEGETATION	EX. VEGETATION
	EX. NEAR CORNER LINE	EX. NEAR CORNER LINE
	EX. FENCE LINE	EX. FENCE LINE
	EX. NEAR CORNER LINE	EX. NEAR CORNER LINE
	EX. CONTOUR LINE	EX. CONTOUR LINE
	EX. STREAM (NOI)	EX. STREAM (NOI)
	EX. STREAM (NW)	EX. STREAM (NW)
	EX. WETLAND (NW)	EX. WETLAND (NW)
	FEMA FLOOD ZONE	FEMA FLOOD ZONE
	EX. DRAINAGE	EX. DRAINAGE
	EX. POWER POLE	EX. POWER POLE
	EX. OCCUPIED HOUSE	EX. OCCUPIED HOUSE
	EX. BUILDING/STRUCTURE	EX. BUILDING/STRUCTURE
	FLOW DIRECTION	FLOW DIRECTION
	FLOW DIRECTION	FLOW DIRECTION

NOTES:
1. ANY DRAINAGE MAINS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION AND INFRASTRUCTURE SHALL BE IMPACTED AS DAMAGED DURING CONSTRUCTION WILL BE REPAIRED IN-PLACE, RE-ROUTED, OR ABANDONED FOLLOWING THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.

SWIFT CURRENT

34 1/2 High Street
June 2022
Barnes, MA 02822



Black Diamond Solar

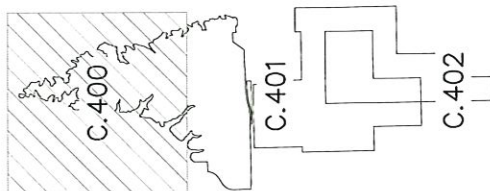
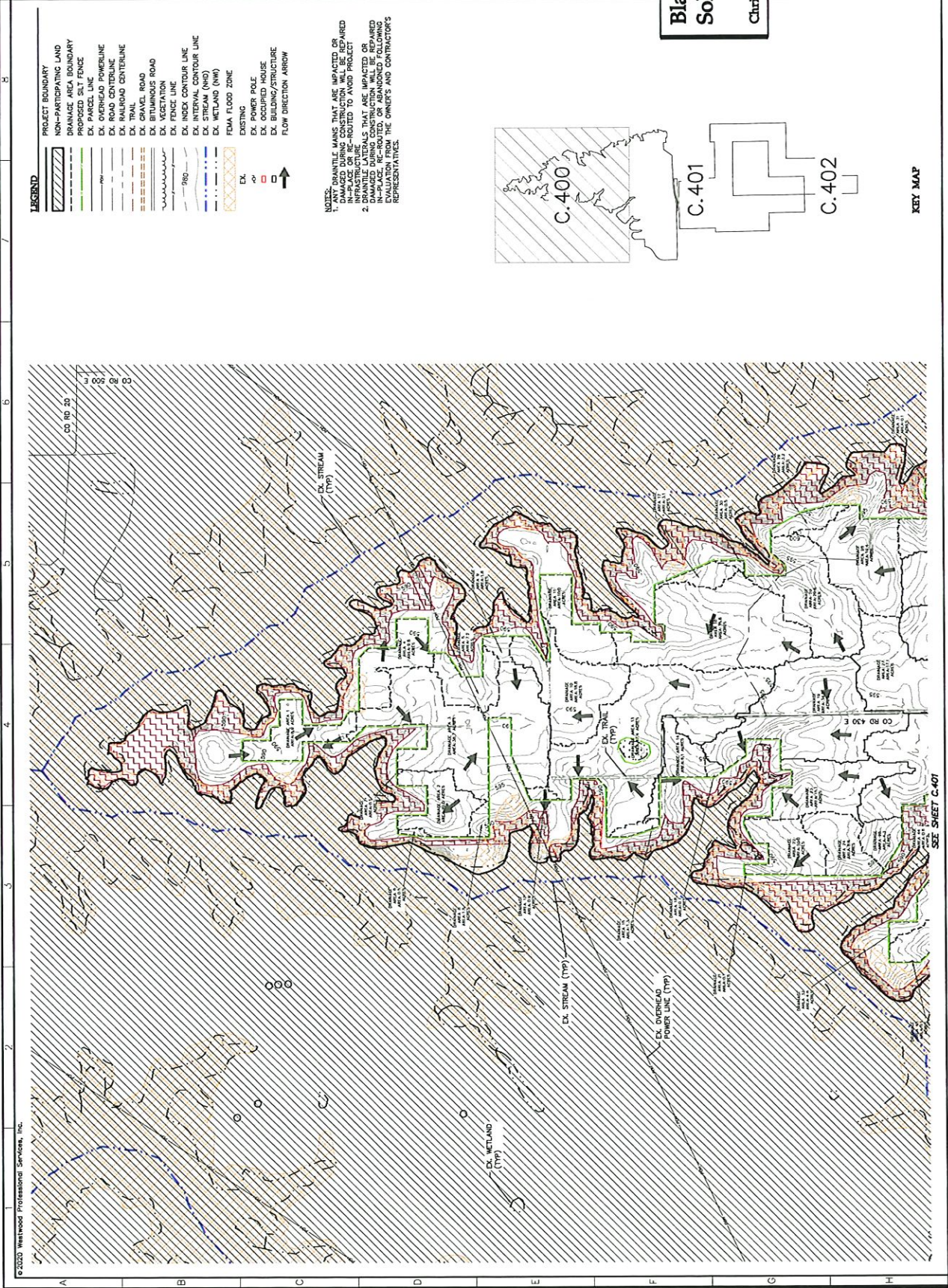
Christian County, IL

Drainage and Erosion Control Plan - 1

Preliminary County Permit Plans

Date: 08/14/2020
Sheet: C.400

00122175 - 000PLAN.dwg



KEY MAP

Symbol	Description
[Hatched Box]	PROJECT BOUNDARY
[Dashed Line]	NON-PARTICIPATING LAND
[Dotted Line]	DRAINAGE AREA BOUNDARY
[Solid Line]	EX. FENCE
[Dashed Line]	EX. PARCEL LINE
[Dashed Line]	EX. OVERHEAD POWERLINE
[Dashed Line]	EX. ROAD CENTERLINE
[Dashed Line]	EX. RAILROAD CENTERLINE
[Dashed Line]	EX. TRAIL
[Dashed Line]	EX. GRAVEL ROAD
[Dashed Line]	EX. BITUMINOUS ROAD
[Dashed Line]	EX. VEGETATION
[Dashed Line]	EX. FENCE LINE
[Dashed Line]	EX. INDEX CONTOUR LINE
[Dashed Line]	EX. INTERVAL CONTOUR LINE
[Dashed Line]	EX. EX. STREAM (NH)
[Dashed Line]	EX. WETLAND (NH)
[Dashed Line]	FEMA FLOOD ZONE
[Symbol]	EXISTING
[Symbol]	EX. POWER POLE
[Symbol]	EX. OCCUPIED HOUSE
[Symbol]	EX. BUILDING/STRUCTURE
[Symbol]	FLOW DIRECTION ARROW

NOTES:
 1. EXISTING UTILITIES SHALL BE IMPACTED BY ANY GRADING OR CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MARKING ALL UTILITIES IN-PLACE OR BE RE-ROUTED TO AVOID PROJECT.
 2. DRAINAGE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED TO ORIGINAL CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.

SWIFT CURRENT

34. High Street
 Suite 101
 Hattiesburg, MS 39401



Black Diamond Solar

Christian County, IL

Drainage and Erosion Control Plan - 2

Preliminary County Permit Plans

Date: 08/14/2020
 Sheet: C.401

0022571-0001.dwg



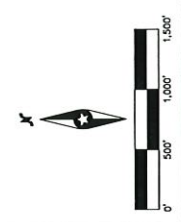
SEE SHEET C-400

SEE SHEET C-402

KEY MAP

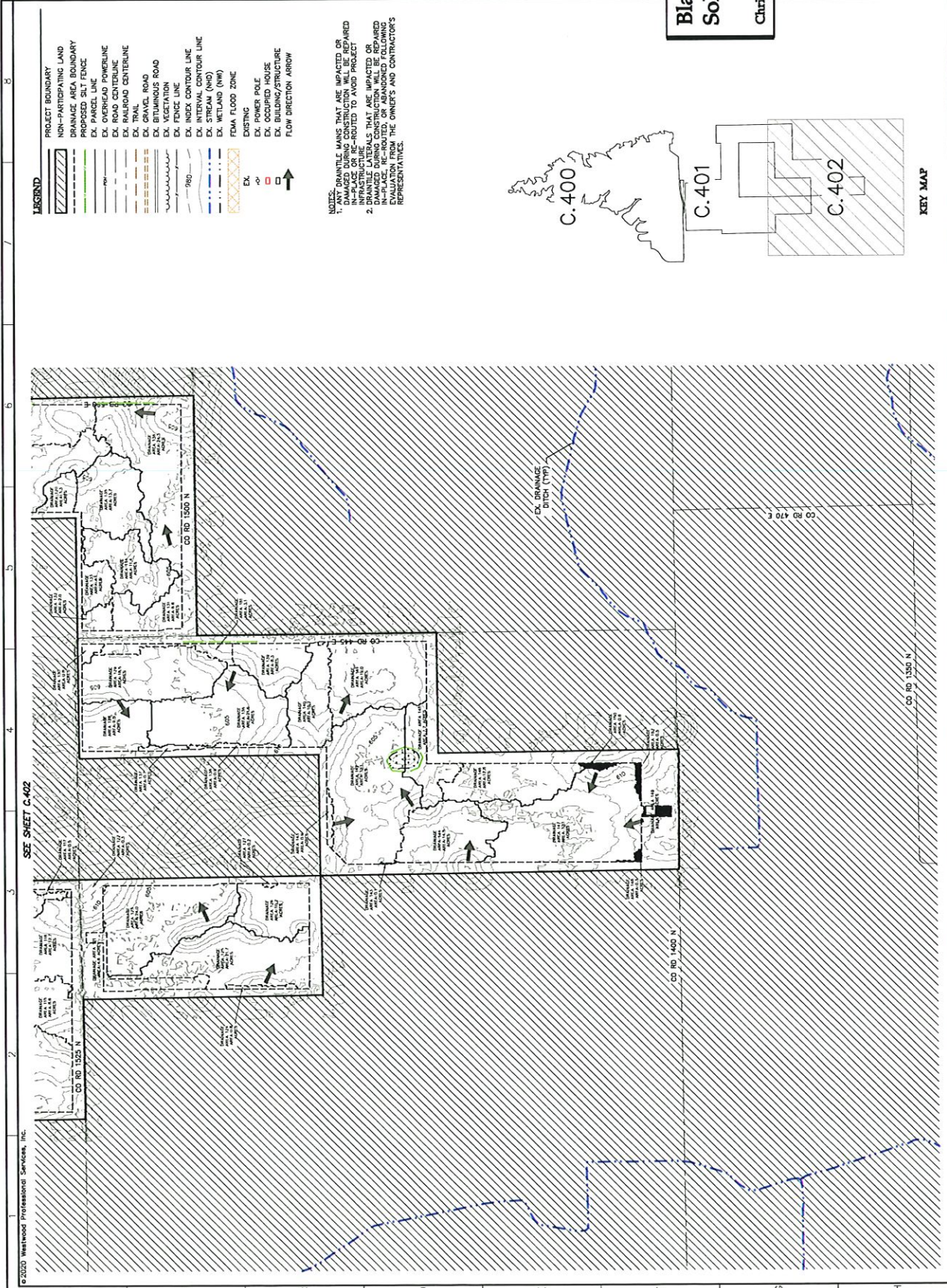
Project No.	2020-0001
Client	Black Diamond Solar
Location	Christian County, IL
Scale	AS SHOWN
Date	08/14/2020
Drawn by	CMZ
Checked by	
Approved by	
Project No.	2020-0001
Client	Black Diamond Solar
Location	Christian County, IL
Scale	AS SHOWN
Date	08/14/2020
Drawn by	CMZ
Checked by	
Approved by	

SWIFT CURRENT
 ENGINEERS
 201 High Street
 Suite 102
 Sumner, IA 50242



Black Diamond Solar
 Christian County, IL

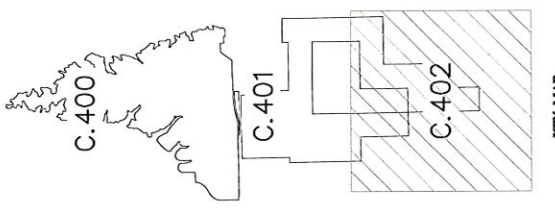
Drainage and Erosion Control Plan - 3
 Preliminary County Permit Plans
 Date: 08/14/2020
 Sheet: CMZ

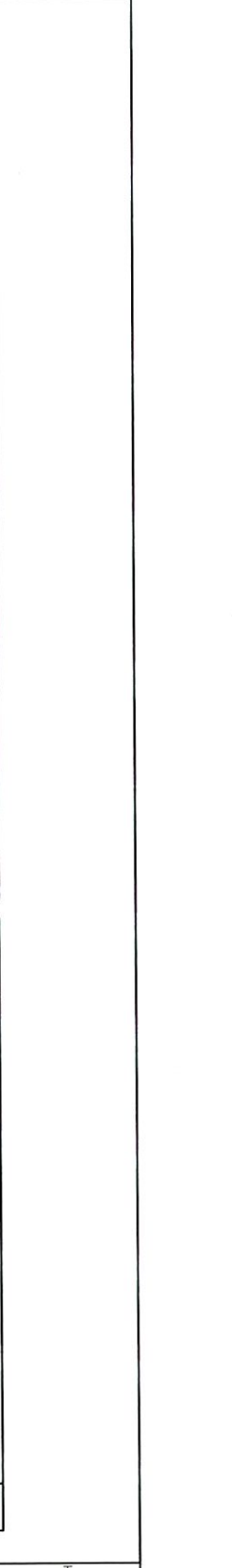
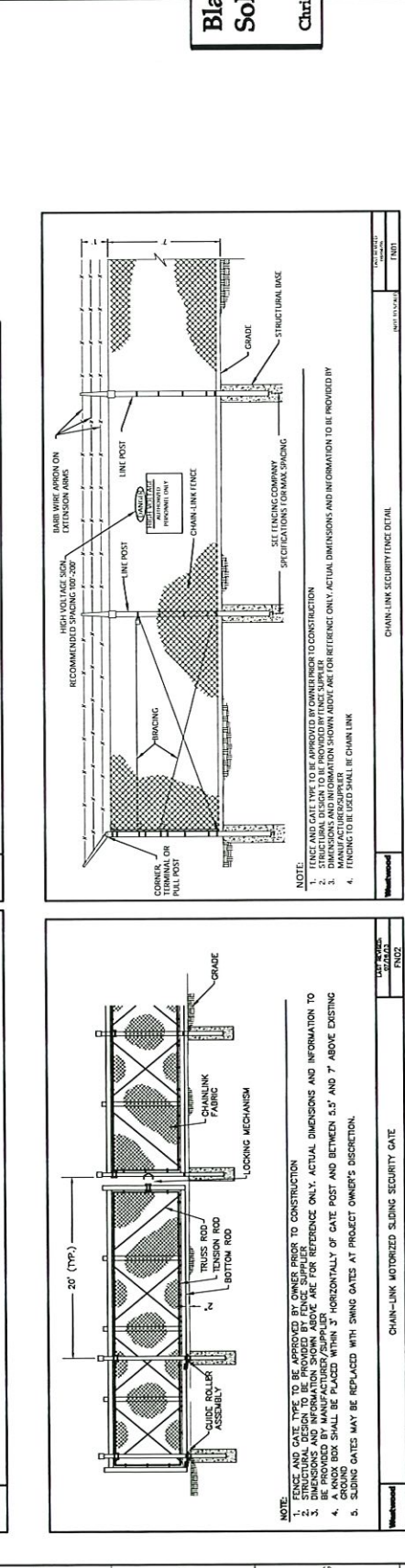
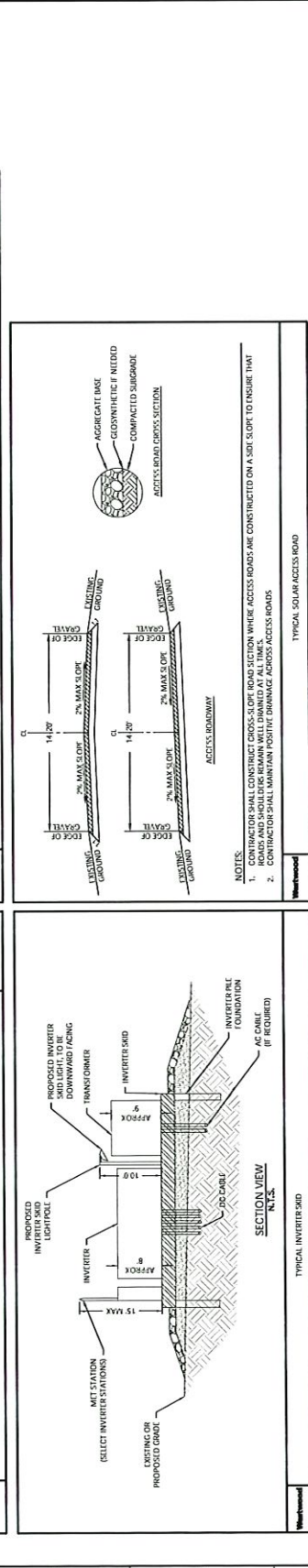
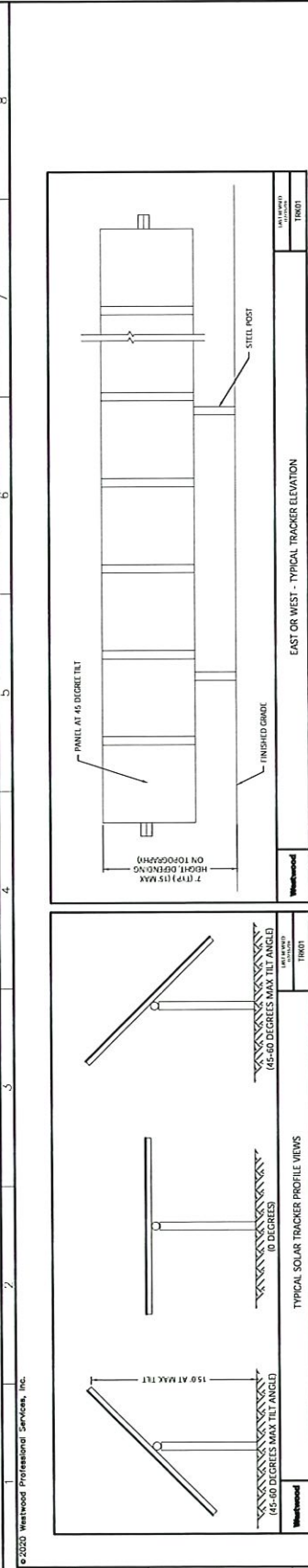


LEGEND

[Symbol]	PROJECT BOUNDARY
[Symbol]	NON-PARTICIPATING LAND
[Symbol]	DRAINAGE AREA BOUNDARY
[Symbol]	EXISTING FENCE
[Symbol]	EXISTING POWERLINE
[Symbol]	EXISTING ROAD CENTERLINE
[Symbol]	EXISTING RAILROAD CENTERLINE
[Symbol]	EXISTING TRAIL
[Symbol]	EXISTING GRAVEL ROAD
[Symbol]	EXISTING ASPHALT ROAD
[Symbol]	EXISTING FENCE LINE
[Symbol]	EXISTING INDEX CONTOUR LINE
[Symbol]	EXISTING INTERVAL CONTOUR LINE
[Symbol]	EXISTING STREAM (NHQ)
[Symbol]	EXISTING WETLAND (NH)
[Symbol]	FEMA FLOOD ZONE
[Symbol]	DISTING
[Symbol]	EXISTING POWER POLE
[Symbol]	EXISTING OCCUPIED HOUSE
[Symbol]	EXISTING BUILDING/STRUCTURE
[Symbol]	FLOW DIRECTION ARROW

NOTES:
 1. ANY GRANITILE MANS ARE IMPACTED BY THE PROJECT SHALL BE REPAIRED IN-PLACE OR RE-ROUTED TO AVOID PROJECT.
 2. DRAINAGE LATERALS THAT ARE IMPACTED OR DAMAGED DURING CONSTRUCTION WILL BE REPAIRED TO ORIGINAL CONDITION. CONTRACTOR'S EVALUATION FROM THE OWNER'S AND CONTRACTOR'S REPRESENTATIVES.





Westwood
 10000 N. 10th St.
 Chicago, IL 60631
 Tel: 773.333.3333
 Fax: 773.333.3334
 www.westwoodpro.com

Design:	SD
Checked:	SP
Drawn:	AP
As-Built Drawing:	
Project:	100000000
Location:	PRELIMINARY COUNTY PERMIT PLANS
Date:	08/14/2020
Prepared by:	
Scale:	
Sheet:	

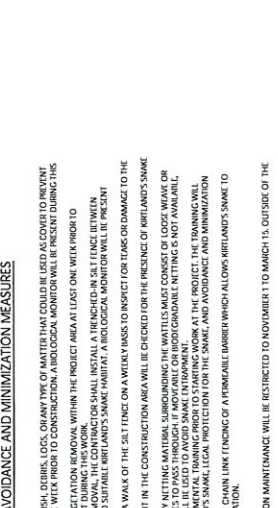
SWIFT CURRENT
 24. High Street
 Suite 102
 Boston, MA 02220

Black Diamond Solar
 Christian County, IL

Typical Construction Details

Preliminary County Permit Plans

Date: 08/14/2020
 Sheet: C500
 002275-001.dwg



NOTE:

1. FENCE AND GATE TYPE TO BE APPROVED BY OWNER PRIOR TO CONSTRUCTION.
2. DIMENSIONS AND INFORMATION SHOWN ABOVE ARE FOR REFERENCE ONLY. ACTUAL DIMENSIONS AND INFORMATION TO BE PROVIDED BY MANUFACTURER/SUPPLIER.
3. FENCING SHALL BE CHAIN LINK WITH A FABRIC SCREENING PER MANUFACTURER'S SPECIFICATIONS.
4. FENCING SHALL BE CHAIN LINK WITH A FABRIC SCREENING WITH FABRIC SCREENING DETAIL.

KIRTLAND'S SNAKE HABITAT POTENTIAL AVOIDANCE AND MINIMIZATION MEASURES

CONSTRUCTION MEASURES:

1. THE EARTH WILL BE REMOVED MANUALLY TO REMOVE ALL RUBBISH, DEBRIS, LOGS, OR ANY TYPE OF MATTER THAT COULD BE USED AS COVER TO PREVENT WORKERS FROM HIDEING IN THE WORK AREA AT LEAST ONE WEEK PRIOR TO CONSTRUCTION. A BIOLOGICAL MONITOR WILL BE PRESENT DURING THIS PERIOD.
2. THE CONTRACTOR SHALL CONDUCT ANY NECESSARY VEGETATION REMOVAL WITHIN THE PROJECT AREA AT LEAST ONE WEEK PRIOR TO CONSTRUCTION.
3. FOLLOWING ANY NECESSARY DEBRIS AND VEGETATION REMOVAL, THE CONTRACTOR SHALL INSTALL A 1/2 INCH-THICK SILT FENCE BETWEEN CONSTRUCTION ZONES AND AREAS DESIGNATED AS GOOD SUITABLE WETLANDS OR SNAKE HABITAT. A BIOLOGICAL MONITOR WILL BE PRESENT DURING THIS PERIOD.
4. A BIOLOGICAL MONITOR ON SITE WILL CONDUCT A WALK OF THE SILT FENCE ON A WEEKLY BASIS TO INSPECT FOR TARS OR DAMAGE TO THE SILT FENCE. ANY DAMAGE TO THE SILT FENCE WILL BE REPAIRED IMMEDIATELY.
5. ANY LOGS, LIMBS, MATERIALS, OR DEBRIS LEFT OVERNIGHT IN THE CONSTRUCTION AREA WILL BE CHECKED FOR THE PRESENCE OF WETLANDS SNAKE PRIOR TO THE START OF THE WORK DAY.
6. ANY LOGS, LIMBS, MATERIALS, OR DEBRIS LEFT OVERNIGHT IN THE CONSTRUCTION AREA WILL BE CHECKED FOR THE PRESENCE OF WETLANDS SNAKE PRIOR TO THE START OF THE WORK DAY.
7. ANY LOGS, LIMBS, MATERIALS, OR DEBRIS LEFT OVERNIGHT IN THE CONSTRUCTION AREA WILL BE CHECKED FOR THE PRESENCE OF WETLANDS SNAKE PRIOR TO THE START OF THE WORK DAY.
8. ANY LOGS, LIMBS, MATERIALS, OR DEBRIS LEFT OVERNIGHT IN THE CONSTRUCTION AREA WILL BE CHECKED FOR THE PRESENCE OF WETLANDS SNAKE PRIOR TO THE START OF THE WORK DAY.
9. ANY LOGS, LIMBS, MATERIALS, OR DEBRIS LEFT OVERNIGHT IN THE CONSTRUCTION AREA WILL BE CHECKED FOR THE PRESENCE OF WETLANDS SNAKE PRIOR TO THE START OF THE WORK DAY.
10. ANY LOGS, LIMBS, MATERIALS, OR DEBRIS LEFT OVERNIGHT IN THE CONSTRUCTION AREA WILL BE CHECKED FOR THE PRESENCE OF WETLANDS SNAKE PRIOR TO THE START OF THE WORK DAY.

POST-CONSTRUCTION MEASURES:

1. TO THE EXTENT POSSIBLE, MOWING AND OTHER VEGETATION MAINTENANCE WILL BE RESTRICTED TO NOVEMBER 1 TO MARCH 15, OUTSIDE OF THE PROJECT AREA.
2. IT MOWING IS NECESSARY OUTSIDE OF NOVEMBER 1 TO MARCH 15, THE PROJECT OPERATOR SHALL MOW THE PROJECT AREA AND REMOVE ANY DEBRIS, LOGS, RUBBISH, NATURAL OR UN-NATURAL COVER FROM THE PROJECT ONE WEEK PRIOR TO MOWING.

Prepared for:

Swift Current

344 High Street
 Danbury, CT 06810
 Danbury, MA 01923

Black Diamond Solar
 Christian County, IL

Construction Notes

Preliminary County Permit Plans

Date: 08/14/2020
 Sheet: CS01

002375-001.dwg

SCALE: AS SHOWN

PROJECT: BLACK DIAMOND SOLAR

LOCATION: CHRISTIAN COUNTY, IL

Vegetative Screening Selection & Intent

THE PROPOSED PLANTING SCHEDULE INCLUDES SEVERAL TYPES OF VEGETATION. THE INTENT OF THIS SCHEDULE IS TO PROVIDE VISUAL SCREENING AND BUFFERING BETWEEN THE PROJECT SITE AND ADJACENT AREAS. THE PROPOSED PLANTING SCHEDULE IS BASED ON THE FOLLOWING ASSUMPTIONS:

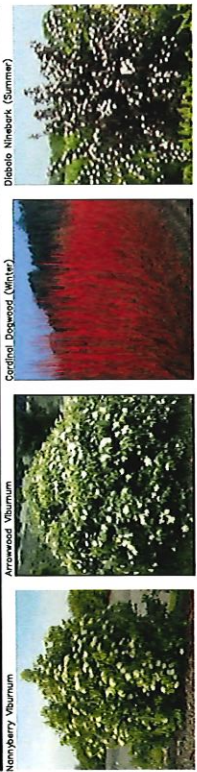
- 1. PLANTS SHOULD BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE PROJECT AREA.
- 2. PLANTS SHOULD BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE PROJECT AREA.
- 3. ALL SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF ANY BID AND/OR CONTRACT.
- 4. ALL SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF ANY BID AND/OR CONTRACT.
- 5. CONTRACTOR SHALL PROVIDE ONE YEAR GUARANTEE OF ALL PLANT MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND CARE OF ALL PLANT MATERIALS THROUGHOUT THE GUARANTEE PERIOD.
- 6. ALL PLANTS TO BE SPECIALLY GRADED, LINED-GROWN AND/OR HARDY. SPECIMEN GRADE SHALL ADHERE TO THE FOLLOWING STANDARDS:
- 7. ALL PLANTS SHALL BE FREE FROM ROT, DISCOLORATION, WOUNDS, SCARS, ETC.
- 8. ALL PLANTS SHALL HAVE HEAVY, HEALTHY BRANCHING AND LEAVING.
- 9. TREES SHALL HAVE AN ESTABLISHED MAIN LEADER AND A HEIGHT TO WIDTH RATIO OF NO LESS THAN 3:1.
- 10. TREES SHALL MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004) OR MOST CURRENT VERSION.
- 11. REQUIREMENTS FOR SIZE AND TYPE SPECIFIED.
- 12. PLANTS TO BE INSTALLED AS PER IAA & AAS STANDARD PLANTING PRACTICES.
- 13. PLANTS SHALL BE IMMEDIATELY PLANTED UPON ARRIVAL AT SITE. PROPERLY HEEL-IN MATERIALS IF NECESSARY; TEMPORARY ONLY.
- 14. AT CONTRACTOR DISCRETION, TOP SOIL AND MULCH MAY BE USED TO COVER EXPOSED ROOTS AND TO PROMOTE SOIL DEGRADATION AFTER ONE YEAR PERIOD AND REMOVE ANY REMNANT MATERIAL AS NECESSARY.
- 15. WHEN THE BULBS & BULBUP TREE IS PLANTED, THE ROOT COLLAR/ROOT FLAR SHALL BE EVEN OR SLIGHTLY ABOVE FINISHED GRADE.
- 16. REMOVE POT ON POTTED PLANTS. SPLIT AND BREAK APART PLANT POTS.
- 17. PRUNE PLANTS AS NECESSARY - PER STANDARD NURSERY PRACTICE AND TO CORRECT POOR BRANCHING OF EXISTING AND PROPOSED TREES.
- 18. PRUNING SHALL BE DETERMINED BY THE LANDSCAPE ARCHITECT FOR THE NEED OF ANY SOIL AMENDMENT.
- 19. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT FOR THE NEED OF ANY SOIL AMENDMENT.
- 20. BACKFILL SOIL AND TOPSOIL TO ADHERE TO MOST STANDARD SPECIFICATION FOR COMMON TOPSOIL BORROW AND TO BE EXISTING TOP SOIL FROM SITE. FRET OF ROOTS, ROOTS LARGER THAN ONE INCH, SUBSOIL TRENCHES, AND OTHERS UNLESS SPECIFIED OTHERWISE. MINIMUM 12" DEPTH TOPSOIL FOR TREE, SHRUB, AND PERENNIALS.
- 21. PROVIDE MULCH FOR ALL TREE AND SHRUB PLANTINGS FOR DETAIL. MULCH TO BE SHREDED HARDWOOD AND FREE OF DIRT, STONES, AND OTHERS UNLESS SPECIFIED OTHERWISE.
- 22. IRRIGATION SHALL PROVIDE NECESSARY WATERING OF PLANT MATERIALS UNTIL THE PLANT IS FULLY ESTABLISHED OR IRRIGATION SYSTEM IS OPERATIONAL. OWNER WILL NOT PROVIDE WATER FOR CONTRACTOR.
- 23. REPAIR, REPLACE, OR PROVIDE SOLO/SEED AS REQUIRED FOR ANY ROADWAY BOUNDARY AREAS ADJACENT TO THE SITE DISTURBED DURING CONSTRUCTION.
- 24. REPAIR ALL DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO OWNER.

Screening Plant Schedule

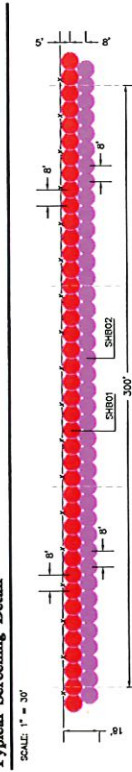
SYMBOL	QTY.	SYN.	COMMON/BOTANICAL NAME	SIZE (AT INSTALLATION)	SPACING O.C.	MATURE SIZE
SHRUB	811	Nonyberry	<i>Viburnum acerifolium</i>	4' CONT.	10'	10'-12' H x 6'-8' W
SHRUB	812	Cardinal Dogwood	<i>Amorpha canescens</i>	4' CONT.	10'	10'-12' H x 6'-8' W
SHRUB	813	Diablo Ninebark	<i>Physocarpus opulifolius 'Diablo'</i>	4' CONT.	10'	10'-12' H x 6'-8' W
SHRUB	814	Arrowwood	<i>Viburnum dentatum</i>	4' CONT.	10'	10'-12' H x 6'-8' W
SHRUB	815	Cardinal Dogwood	<i>Amorpha canescens</i>	4' CONT.	10'	10'-12' H x 6'-8' W
SHRUB	816	Diablo Ninebark	<i>Physocarpus opulifolius 'Diablo'</i>	4' CONT.	10'	10'-12' H x 6'-8' W

NOTES:
 1. QUANTITIES ON PLAN SUPERSEDE LIST QUANTITIES IN THE EVENT OF A DISCREPANCY.
 2. 4' CONT. TO MEAN MINIMUM SIZE REQUIREMENT OF 24" H OR 30" W FOR DECIDUOUS SHRUBS.
 3. 10' CONT. TO MEAN MINIMUM SIZE REQUIREMENT OF 48" H OR 60" W FOR PERENNIALS.
 4. MINIMUM PLANT SIZE REQUIREMENT IS 18" H.

Screening Plant Material



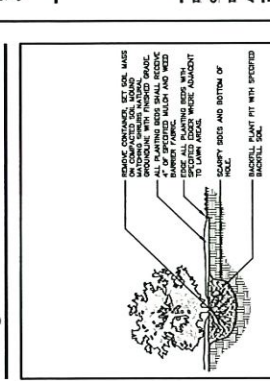
Typical Screening Detail



SCALE: 1" = 30'

NOTES:
 1. TYPICAL PLANTING DESIGN TO BE REPLICATED EVERY 300'.
 2. MULTIPLE PLANT BEDS CAN BE INSTALLED TO PROVIDE VISUAL SCREENING AND BUFFERING. SPECIES SHOULD BE CHOSEN IN GROUPS ON A MINIMUM OF 18 PLANTS TO USUALLY CREATE NATURAL MASSING OR HEDGE EFFECT.

Planting Detail



SHRUB PLANTING

SYMBOL	QTY.	SYN.	COMMON/BOTANICAL NAME	SIZE (AT INSTALLATION)	SPACING O.C.	MATURE SIZE
SHRUB	811	Nonyberry	<i>Viburnum acerifolium</i>	4' CONT.	10'	10'-12' H x 6'-8' W
SHRUB	812	Cardinal Dogwood	<i>Amorpha canescens</i>	4' CONT.	10'	10'-12' H x 6'-8' W
SHRUB	813	Diablo Ninebark	<i>Physocarpus opulifolius 'Diablo'</i>	4' CONT.	10'	10'-12' H x 6'-8' W
SHRUB	814	Arrowwood	<i>Viburnum dentatum</i>	4' CONT.	10'	10'-12' H x 6'-8' W
SHRUB	815	Cardinal Dogwood	<i>Amorpha canescens</i>	4' CONT.	10'	10'-12' H x 6'-8' W
SHRUB	816	Diablo Ninebark	<i>Physocarpus opulifolius 'Diablo'</i>	4' CONT.	10'	10'-12' H x 6'-8' W

1. CONTRACTOR SHALL CONTACT "JULIE" (817) AT (508-892-9753) TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY PLANTS OR LANDSCAPE MATERIALS.
 2. ACTUAL LOCATION OF PLANT MATERIAL IS SUBJECT TO FIELD AND SITE CONDITIONS.
 3. NO PLANT MATERIALS WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE PROJECT AREA.
 4. ALL SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO SUBMISSION OF ANY BID AND/OR CONTRACT.
 5. CONTRACTOR SHALL PROVIDE ONE YEAR GUARANTEE OF ALL PLANT MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND CARE OF ALL PLANT MATERIALS THROUGHOUT THE GUARANTEE PERIOD.
 6. ALL PLANTS TO BE SPECIALLY GRADED, LINED-GROWN AND/OR HARDY. SPECIMEN GRADE SHALL ADHERE TO THE FOLLOWING STANDARDS:
 7. ALL PLANTS SHALL BE FREE FROM ROT, DISCOLORATION, WOUNDS, SCARS, ETC.
 8. ALL PLANTS SHALL HAVE HEAVY, HEALTHY BRANCHING AND LEAVING.
 9. TREES SHALL HAVE AN ESTABLISHED MAIN LEADER AND A HEIGHT TO WIDTH RATIO OF NO LESS THAN 3:1.
 10. TREES SHALL MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004) OR MOST CURRENT VERSION.
 11. REQUIREMENTS FOR SIZE AND TYPE SPECIFIED.
 12. PLANTS TO BE INSTALLED AS PER IAA & AAS STANDARD PLANTING PRACTICES.
 13. PLANTS SHALL BE IMMEDIATELY PLANTED UPON ARRIVAL AT SITE. PROPERLY HEEL-IN MATERIALS IF NECESSARY; TEMPORARY ONLY.
 14. AT CONTRACTOR DISCRETION, TOP SOIL AND MULCH MAY BE USED TO COVER EXPOSED ROOTS AND TO PROMOTE SOIL DEGRADATION AFTER ONE YEAR PERIOD AND REMOVE ANY REMNANT MATERIAL AS NECESSARY.
 15. WHEN THE BULBS & BULBUP TREE IS PLANTED, THE ROOT COLLAR/ROOT FLAR SHALL BE EVEN OR SLIGHTLY ABOVE FINISHED GRADE.
 16. REMOVE POT ON POTTED PLANTS. SPLIT AND BREAK APART PLANT POTS.
 17. PRUNE PLANTS AS NECESSARY - PER STANDARD NURSERY PRACTICE AND TO CORRECT POOR BRANCHING OF EXISTING AND PROPOSED TREES.
 18. PRUNING SHALL BE DETERMINED BY THE LANDSCAPE ARCHITECT FOR THE NEED OF ANY SOIL AMENDMENT.
 19. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT FOR THE NEED OF ANY SOIL AMENDMENT.
 20. BACKFILL SOIL AND TOPSOIL TO ADHERE TO MOST STANDARD SPECIFICATION FOR COMMON TOPSOIL BORROW AND TO BE EXISTING TOP SOIL FROM SITE. FRET OF ROOTS, ROOTS LARGER THAN ONE INCH, SUBSOIL TRENCHES, AND OTHERS UNLESS SPECIFIED OTHERWISE. MINIMUM 12" DEPTH TOPSOIL FOR TREE, SHRUB, AND PERENNIALS.
 21. PROVIDE MULCH FOR ALL TREE AND SHRUB PLANTINGS FOR DETAIL. MULCH TO BE SHREDED HARDWOOD AND FREE OF DIRT, STONES, AND OTHERS UNLESS SPECIFIED OTHERWISE.
 22. IRRIGATION SHALL PROVIDE NECESSARY WATERING OF PLANT MATERIALS UNTIL THE PLANT IS FULLY ESTABLISHED OR IRRIGATION SYSTEM IS OPERATIONAL. OWNER WILL NOT PROVIDE WATER FOR CONTRACTOR.
 23. REPAIR, REPLACE, OR PROVIDE SOLO/SEED AS REQUIRED FOR ANY ROADWAY BOUNDARY AREAS ADJACENT TO THE SITE DISTURBED DURING CONSTRUCTION.
 24. REPAIR ALL DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO OWNER.

Design:	MM
Checked:	MM
Drawn:	MM
As-Built Drawing:	
Project:	SWIFT CURRENT
Client:	SWIFT CURRENT
Address:	10074252
City/State:	CHRISTIAN COUNTY, ILLINOIS
County:	CHRISTIAN COUNTY, ILLINOIS
Parcel ID:	
Project No.:	
Revision:	
Prepared By:	

SWIFT CURRENT

300 N. High Street
 Suite 202
 Hannibal, MO 63420



Black Diamond Solar

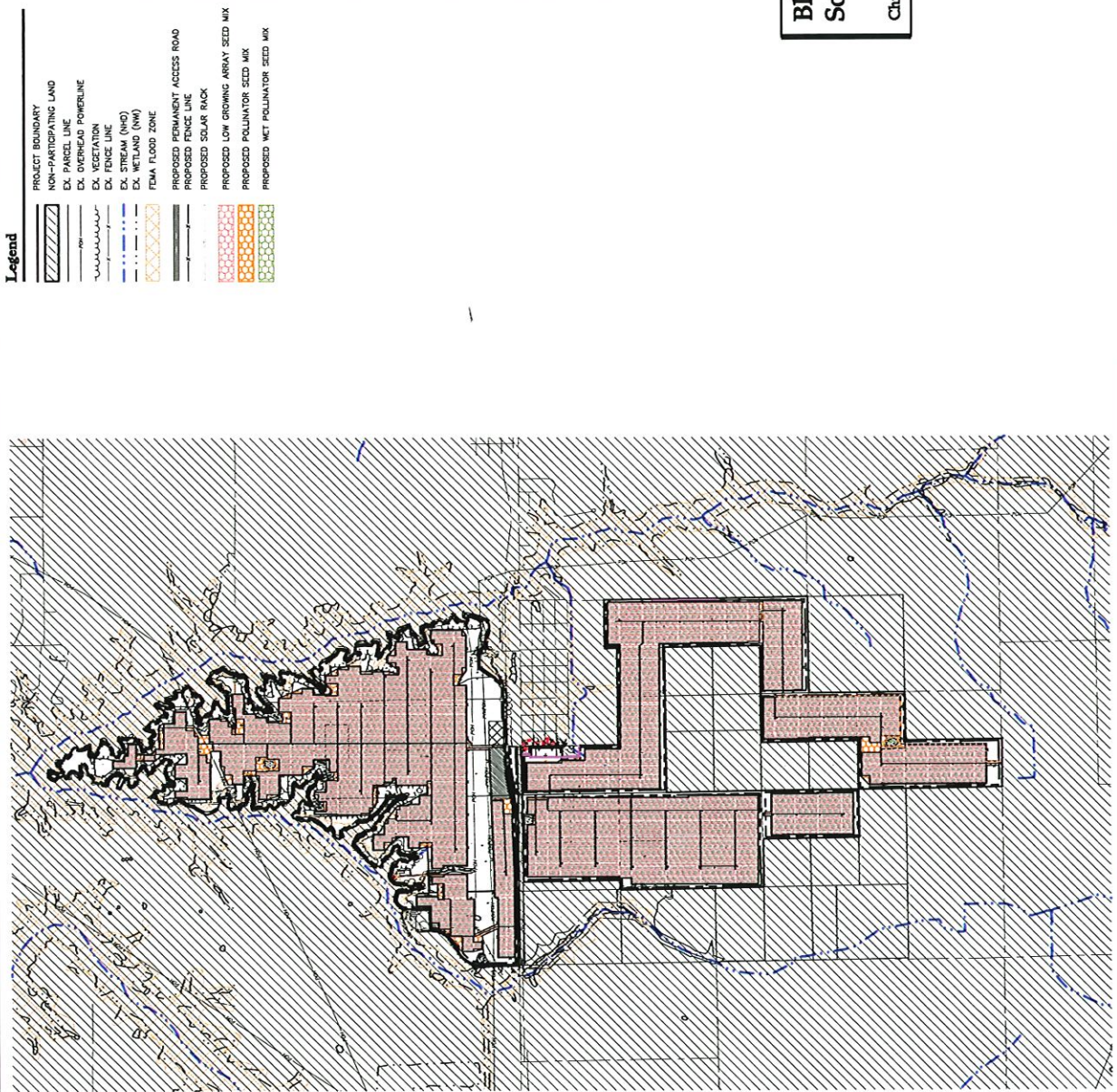
Christian County, IL

Overall Seeding and Screening Plan

Preliminary County Permit Plans

Date: 08/14/2020
 Sheet: L-300

002375-000-004



Design:	JKL
Checked:	JKL
Drawn:	JKL
As-Built Drawing:	
Project No.:	1900000000
Date:	08/14/2020
Project Name:	PRELIMINARY COUNTY PERMIT PLANS
Prepared for:	

SWIFT CURRENT

341 10th Street
 Suite 100
 Boone, IA 50030



Black Diamond Solar
 Christian County, IL

Seeding and Screening Plan - 1

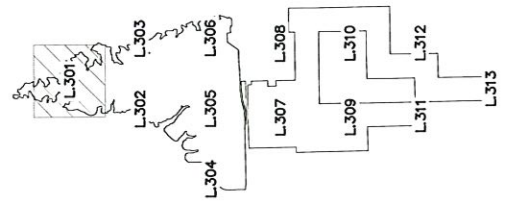
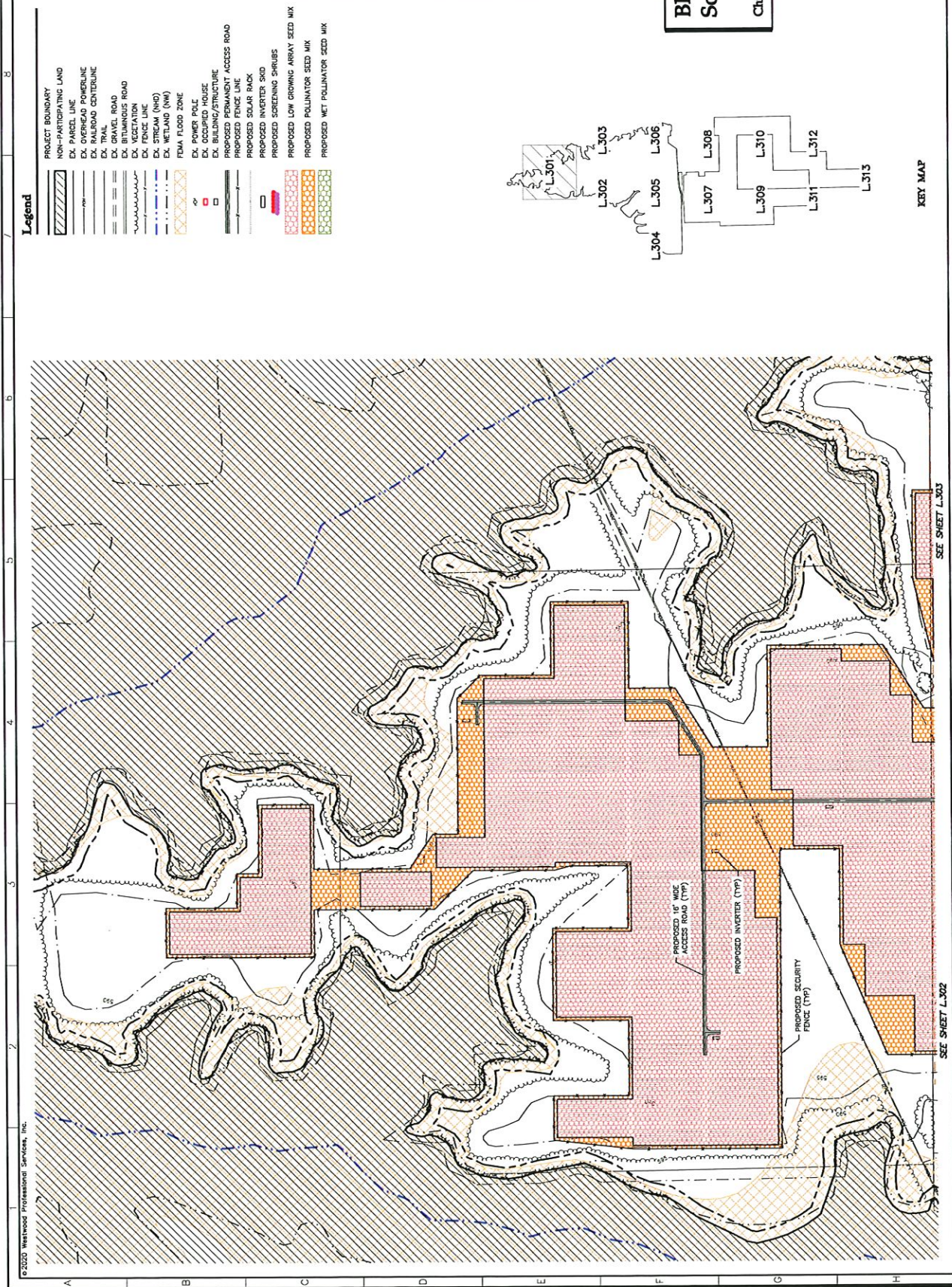
Preliminary County Permit Plans

Date: 08/14/2020
 Sheet: L301

08/14/20 - 600' x 444'

Legend

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- EX. PANEL LINE
- EX. FENCE LINE
- EX. BARBED WIRE
- EX. TRAIL
- EX. GRAVEL ROAD
- EX. BITUMINOUS ROAD
- EX. VEGETATION
- EX. FENCE LINE
- EX. STREAM (W/D)
- EX. WETLAND (W/D)
- FEMA FLOOD ZONE
- EX. POWER POLE
- EX. OCCUPIED HOUSE
- EX. BUILDING/STRUCTURE
- EX. EXISTING DRIVEWAY
- PROPOSED FENCE LINE
- PROPOSED SOLAR RACK
- PROPOSED INVERTER SOD
- PROPOSED SCREENING SHRUBS
- PROPOSED LOW GROWING ARRAY SEED MIX
- PROPOSED POLLINATOR SEED MIX
- PROPOSED NET POLLINATOR SEED MIX



KEY MAP

SEE SHEET L303

SEE SHEET L302

Design	100%
Check	100%
Draw	100%
As-Built Drawing	
Project No.	19-000000
Sheet No.	A
Scale	AS SHOWN
Date	08/14/2020
Project Name	PRELIMINARY COUNTY PERMIT PLAN

SWIFT CURRENT

341 1/2 High Street
 Suite 102
 Hannay, MO 64242



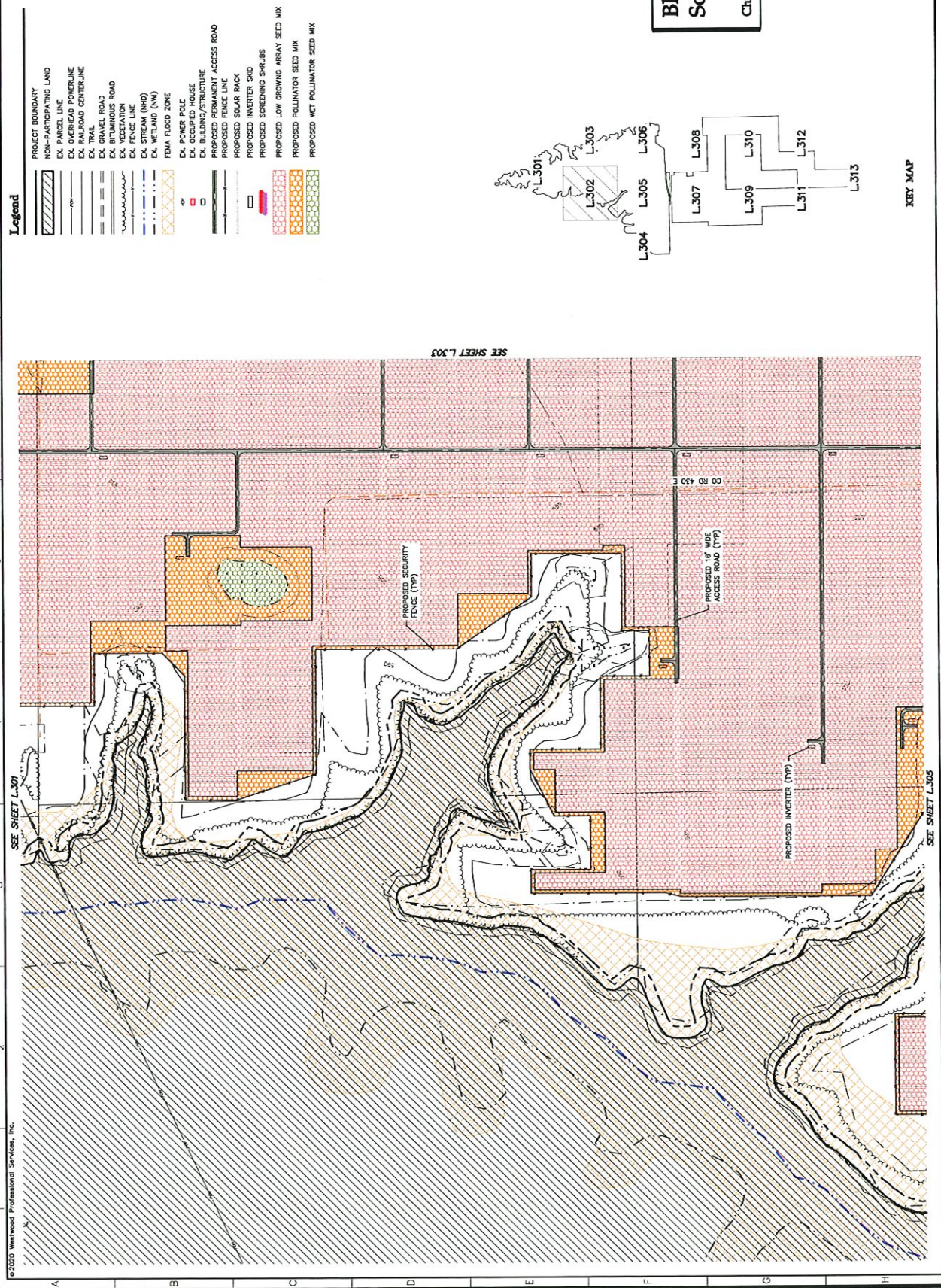
Black Diamond Solar
 Christian County, IL

Seeding and Screening
 Plan - 2

Preliminary County
 Permit Plans

Date: 08/14/2020
 Sheet: L302

002375-000-044



Legend

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- EX. PANEL LINE
- EX. BOUNDARY CENTERLINE
- EX. BARROAD CENTERLINE
- EX. TRAIL
- EX. GRAVEL ROAD
- EX. BITUMINOUS ROAD
- EX. VEGETATION
- EX. FENCE LINE
- EX. WETLAND (W)
- EX. WETLAND (NW)
- FEMA FLOOD ZONE
- EX. POWER POLE
- EX. BUCKED POLE
- EX. BUCKED STRUCTURE
- PROPOSED PERMANENT ACCESS ROAD
- PROPOSED FENCE LINE
- PROPOSED SOLAR RACK
- PROPOSED INVERTER SKD
- PROPOSED SCREENING SHRUBS
- PROPOSED LOW GROWING ARRAY SEED MIX
- PROPOSED POLLINATOR SEED MIX
- PROPOSED NET POLLINATOR SEED MIX

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SEE SHEET L303

SEE SHEET L301

SEE SHEET L300

KEY MAP

Design:	MMK
Checked:	MMK
Drawn:	MMK
As-Built Drawing:	
Project No.:	2020-001
Client:	Black Diamond Solar
Location:	Christian County, IL
Project Name:	Black Diamond Solar
Project Description:	Seeding and Screening
Project Status:	Preliminary
Project Date:	08/14/2020
Project Sheet:	L-303

SWIFT CURRENT

341 High Street
 Suite 202
 Boston, MA 02203



Black Diamond Solar

Christian County, IL

Seeding and Screening
 Plan - 3

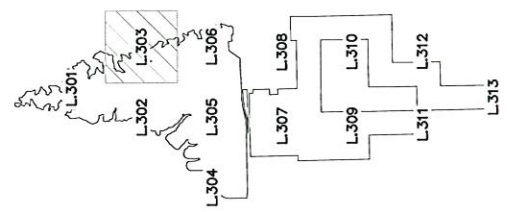
Preliminary County
 Permit Plans

Date: 08/14/2020
 Sheet: L-303

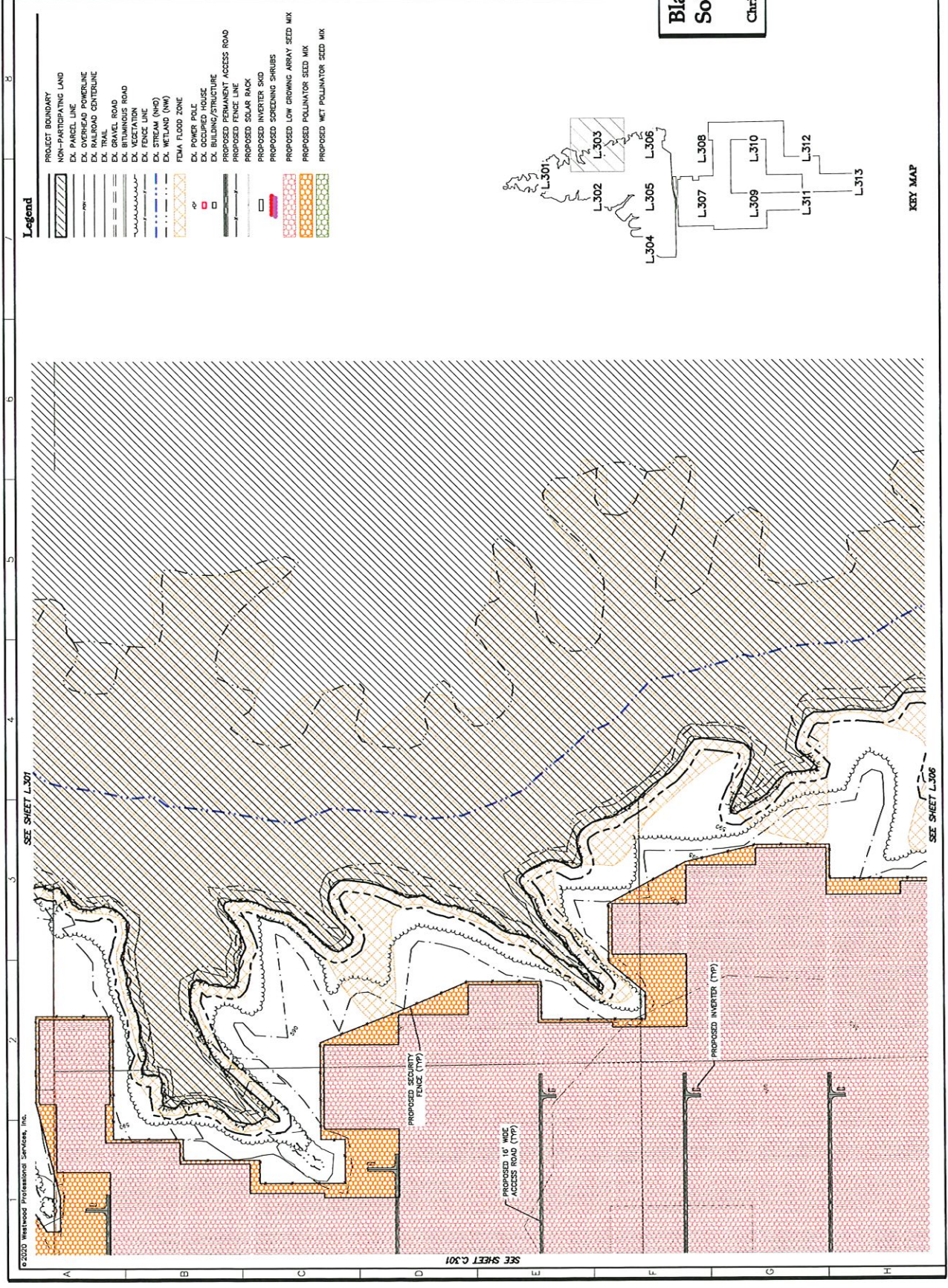
002275-000.dwg

Legend

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- EX. PARCEL LINE
- EX. OVERHEAD POWERLINE
- EX. OVERHEAD TELEPHONE
- EX. TRAIL
- EX. GRAVEL ROAD
- EX. BITUMINOUS ROAD
- EX. VEGETATION
- EX. FENCE LINE
- EX. STREAM (NHD)
- EX. WETLAND (NHD)
- FEMA FLOOD ZONE
- EX. POWER POLE
- EX. OCCUPIED HOUSE
- EX. BUILDING/STRUCTURE
- PROPOSED SECURITY FENCE
- PROPOSED FENCE LINE
- PROPOSED SOLAR RACK
- PROPOSED INVERTER SOD
- PROPOSED SOGDING SHRUBS
- PROPOSED LOW GROWING ARRAY SEED MIX
- PROPOSED POLLINATOR SEED MIX
- PROPOSED WET POLLINATOR SEED MIX



KEY MAP



SEE SHEET L-301

SEE SHEET L-306

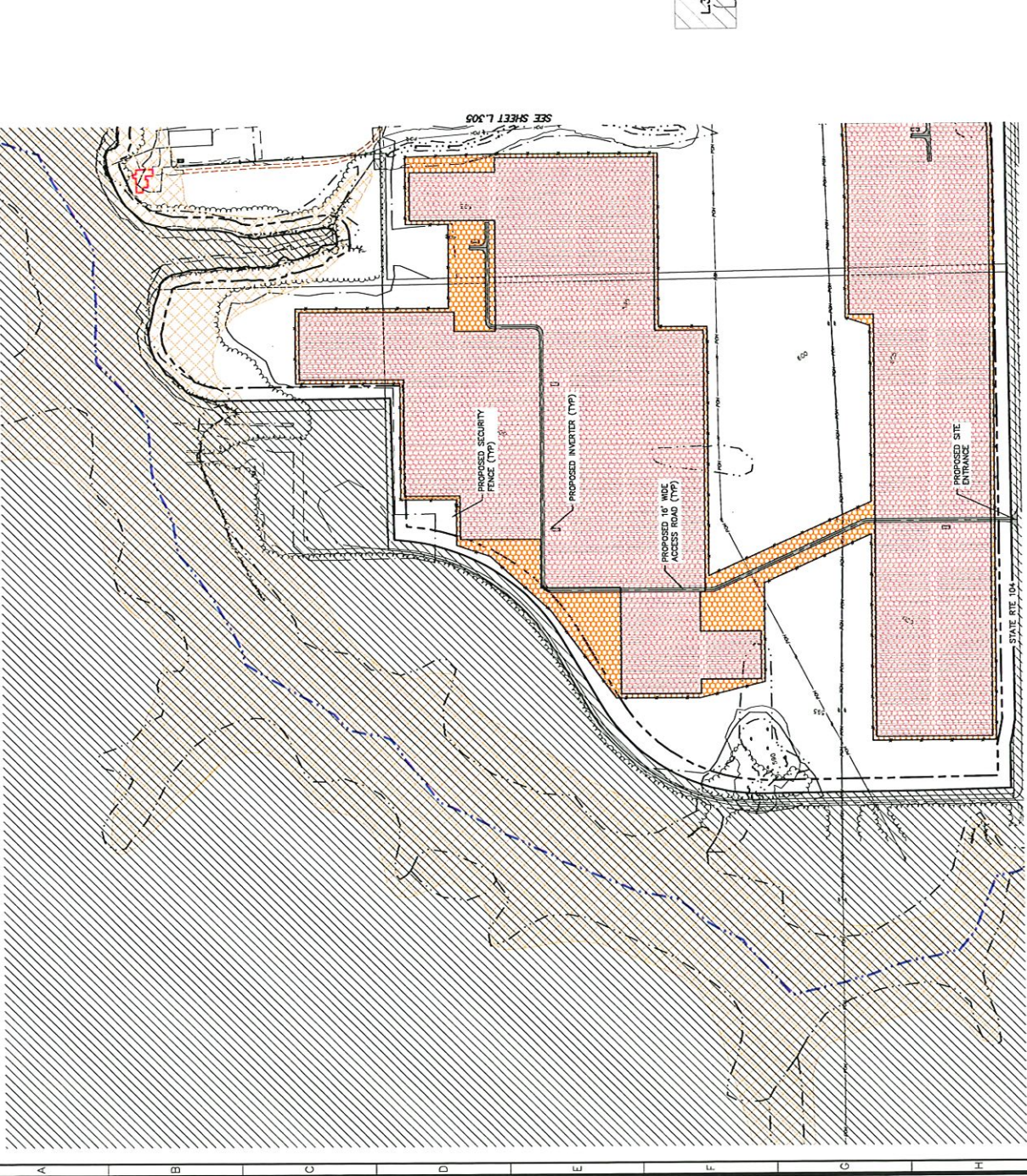
SEE SHEET C-301

2020 Westwood Professional Services, Inc.

Legend

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- DL PANEL LINE
- DL OVERHEAD POWER LINE
- DL OVERHEAD CONTRAIL
- DL TRAIL
- DL GRAVEL ROAD
- DL BITUMINOUS ROAD
- DL VEGETATION
- DL FENCE LINE
- DL STREAM (NRD)
- DL WETLAND (NW)
- FDMA FLOOD ZONE
- EX POWER POLE
- EX OCCUPIED HOUSE
- EX BUILDING FOOTPRINT
- EX EXISTING DRIVEWAY ACCESS ROAD
- EX EXISTING FENCE LINE
- PROPOSED FENCE LINE
- PROPOSED SOLAR BACK
- PROPOSED INVERTER SKID
- PROPOSED SCREENING SHRUBS
- PROPOSED LOW GROWING ARRAY SEED MIX
- PROPOSED POLLINATOR SEED MIX
- PROPOSED WET POLLINATION SEED MIX

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SEE SHEET L.309

STATE RITE 104

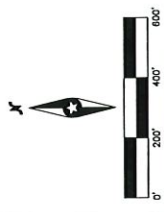
Black Diamond Solar
 Christian County, IL

Seeding and Screening
 Plan - 4

Preliminary County
 Permit Plans

Date: 08/14/2020
 Sheet: L.304

KEY MAP



SWIFT CURRENT

341 High Street
 Suite 102
 North, Ark, 72202

Task/Item	DATE
Design	08/14/20
Check	08/14/20
Draw	08/14/20
As-built Drawing	
Revisions	
DATE/NO.	DESCRIPTION
A. 08/14/20	PRELIMINARY COUNTY PERMIT PLANS

Prepared for:

Legend

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- DL PANEL LINE
- DL PROPERTY LINE
- DL BARROAD CENTERLINE
- DL TRAIL
- DL GRAVEL ROAD
- DL BITUMINOUS ROAD
- DL VEGETATION
- DL FENCE LINE
- DL STREAM (WHD)
- DL WETLAND (WHD)
- FDMA FLOOD ZONE
- DL POWER POLE
- DL OCCUPIED HOUSE
- DL UNOCCUPIED HOUSE
- DL BOULDER PERMANENT ACCESS ROAD
- DL BOULDER TEMPORARY ACCESS ROAD
- PROPOSED FENCE LINE
- PROPOSED SOLAR RACK
- PROPOSED INVERTER SKID
- PROPOSED SCREENING SHRUBS
- PROPOSED LOW GROWING ARRAY SEED MIX
- PROPOSED POLLINATOR SEED MIX
- PROPOSED NET POLLINATION SEED MIX

Westwood
 WESTWOOD PROFESSIONAL SERVICES, INC.
 2001 HUNTERS HOLLOW ROAD
 SUITE 100
 MARIETTA, GA 30067
 PHONE: 770.942.2200
 FAX: 770.942.2201
 WWW.WESTWOODPROF.SERVICES.COM

Author	JMK
Checker	JMK
Drawn	JMK
As-built Drawing	
Project No.	180500000
Date	6/24/20
Scale	AS SHOWN
Sheet No.	PRELIMINARY COUNTY POINT PLAN
Project Name	

SWIFT CURRENT

364 High Street
 Suite 202
 Marietta, GA 30067



Black Diamond Solar

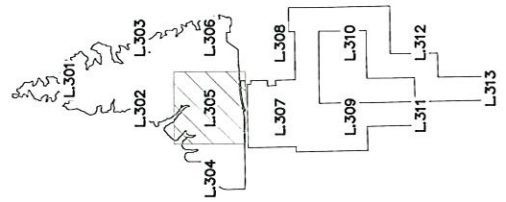
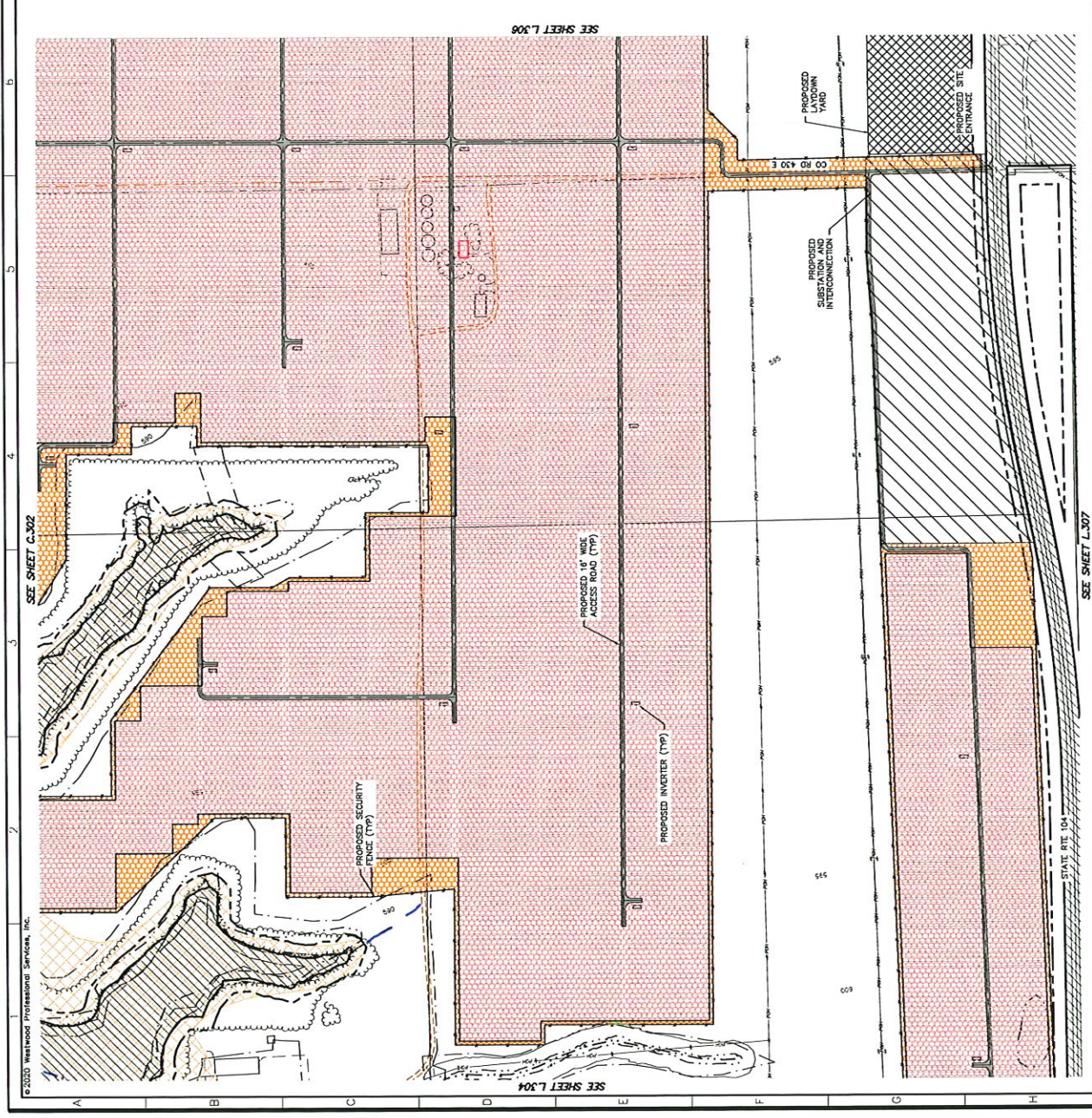
Christian County, IL

Seeding and Screening
 Plan - 5

Preliminary County
 Permit Plans

Date: 06/14/2020
 Sheet: L305

052326-000-04

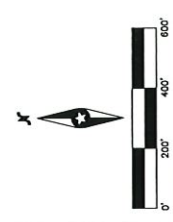


KEY MAP

STATE RTE 104

Design	MM
Check	MM
Drawn	MM
As-Built Drawing	
Project No.	202001022
Scale	AS SHOWN
Date	08/14/2020
Sheet	L306

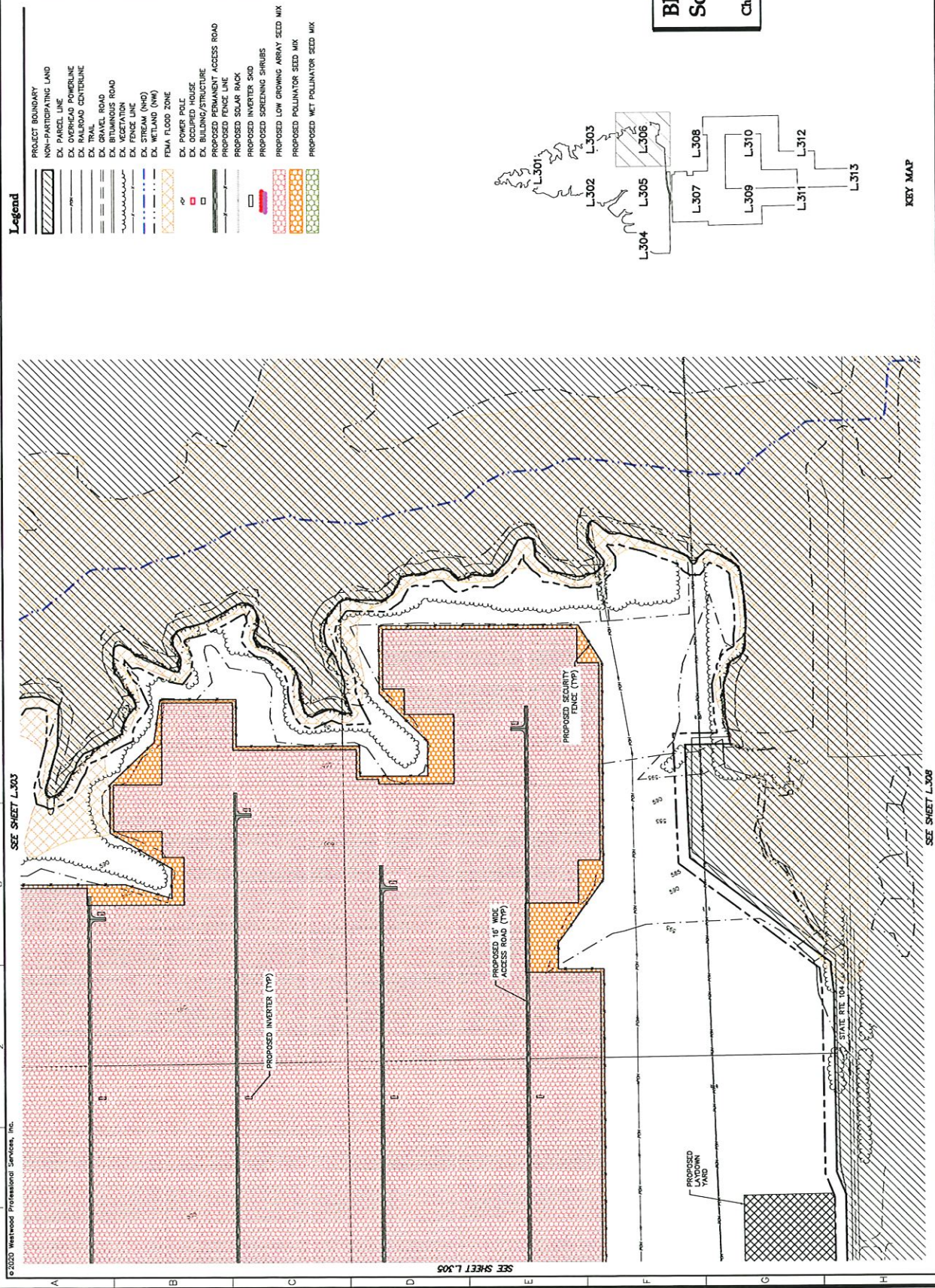
SWIFT CURRENT
 341 High Street
 Suite 202
 Hamlet, NY 13093



Black Diamond Solar
 Christian County, IL

Seeding and Screening
 Plan - 6

Preliminary County
 Permit Plans
 Date: 08/14/2020
 Sheet: L306
 002375-000-P-04



Legend

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- DL FENCE LINE
- DL CENTERLINE
- DL BALROAD CENTERLINE
- DL TRAIL
- DL GRAVEL ROAD
- DL BITUMINOUS ROAD
- DL VEGETATION
- DL FENCE LINE
- DL WETLAND (W)
- DL WETLAND (NW)
- PDL FLOOD ZONE
- DL POWER POLE
- DL BOUNDARY
- DL BOUNDARY
- PROPOSED PERMANENT ACCESS ROAD
- PROPOSED FENCE LINE
- PROPOSED SOLAR RACK
- PROPOSED INVERTER SKID
- PROPOSED SCREENING SHRUBS
- PROPOSED LOW GROWING ARRAY SEED MIX
- PROPOSED POLLINATOR SEED MIX
- PROPOSED NET POLLINATION SEED MIX

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SEE SHEET L.305

SEE SHEET L.303

SEE SHEET L.308

KEY MAP

Design	JKM
Check	JKM
Drawn	JKM
As-built Drawing	
Project No.	180000000
Date	08/14/2020
Sheet No.	L-307
Project Name	PRELIMINARY COUNTY PERMIT PLANS

SWIFT CURRENT

341 1/2 High Street
 Suite 202
 Denver, CO 80202



Black Diamond Solar

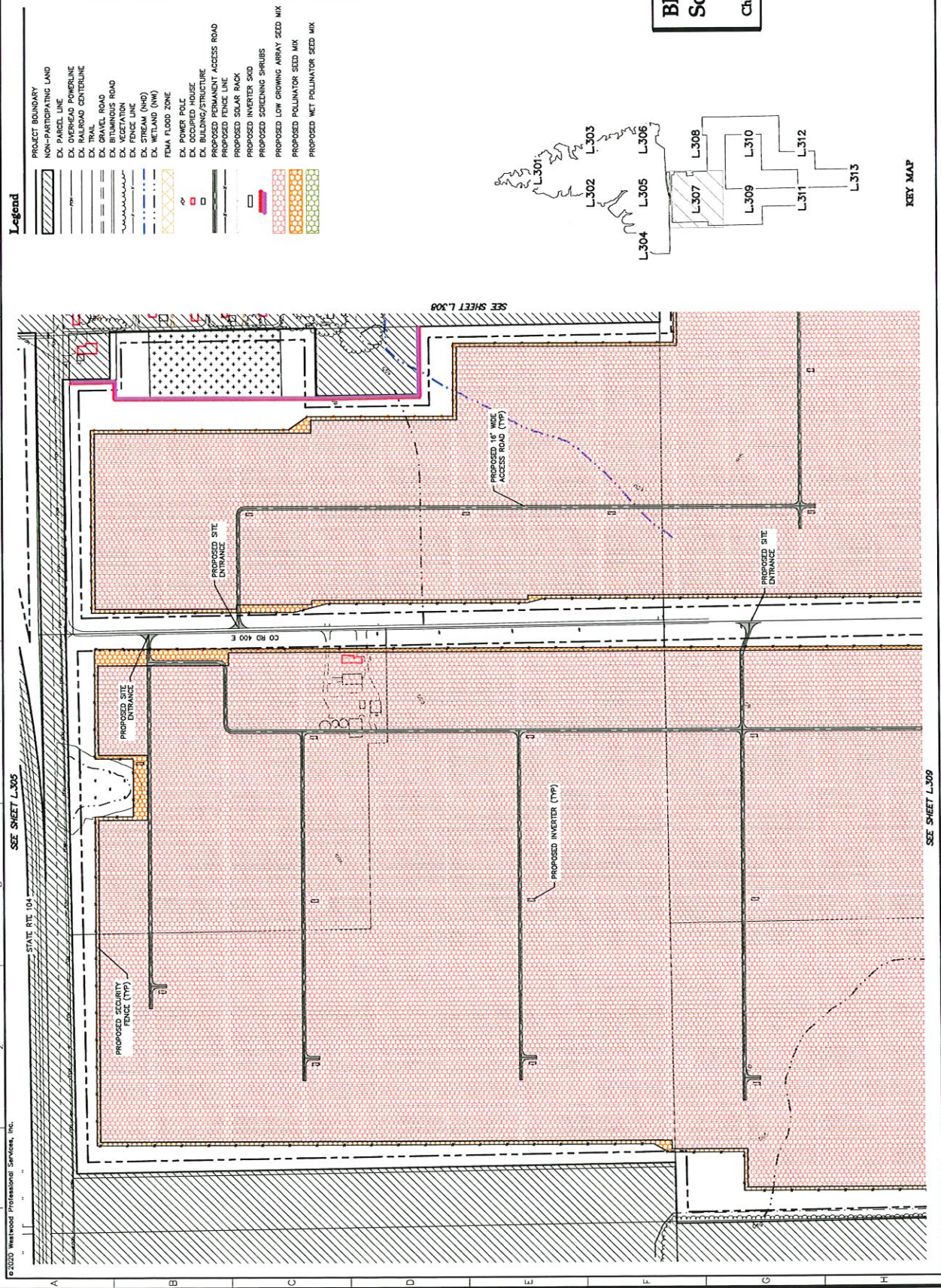
Christian County, IL

Seeding and Screening
 Plan - 7

Preliminary County
 Permit Plans

Date: 08/14/2020
 Sheet: L-307

002020-0000-Plan



Legend

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- DL PANEL LINE
- DL POWER LINE
- DL BARBOR CONTORLINE
- DL TRAIL
- DL GRAVEL ROAD
- DL BITUMINOUS ROAD
- DL VEGETATION
- DL FENCE LINE
- DL WETLAND (W)
- DL WETLAND (NW)
- FDMA FLOOD ZONE
- DL POWER POLE
- DL DECORATED FENCE
- DL PERMANENT STRUCTURE
- PROPOSED PERMANENT ACCESS ROAD
- PROPOSED FENCE LINE
- PROPOSED SOLAR RACK
- PROPOSED INVERTER SKD
- PROPOSED SCREENING SHRUBS
- PROPOSED LOW GROWING ARRAY SEED MIX
- PROPOSED POLLINATOR SEED MIX
- PROPOSED NET POLLINATION SEED MIX

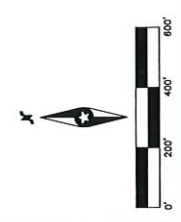
SEE SHEET L-305

SEE SHEET L-308

SEE SHEET L-309

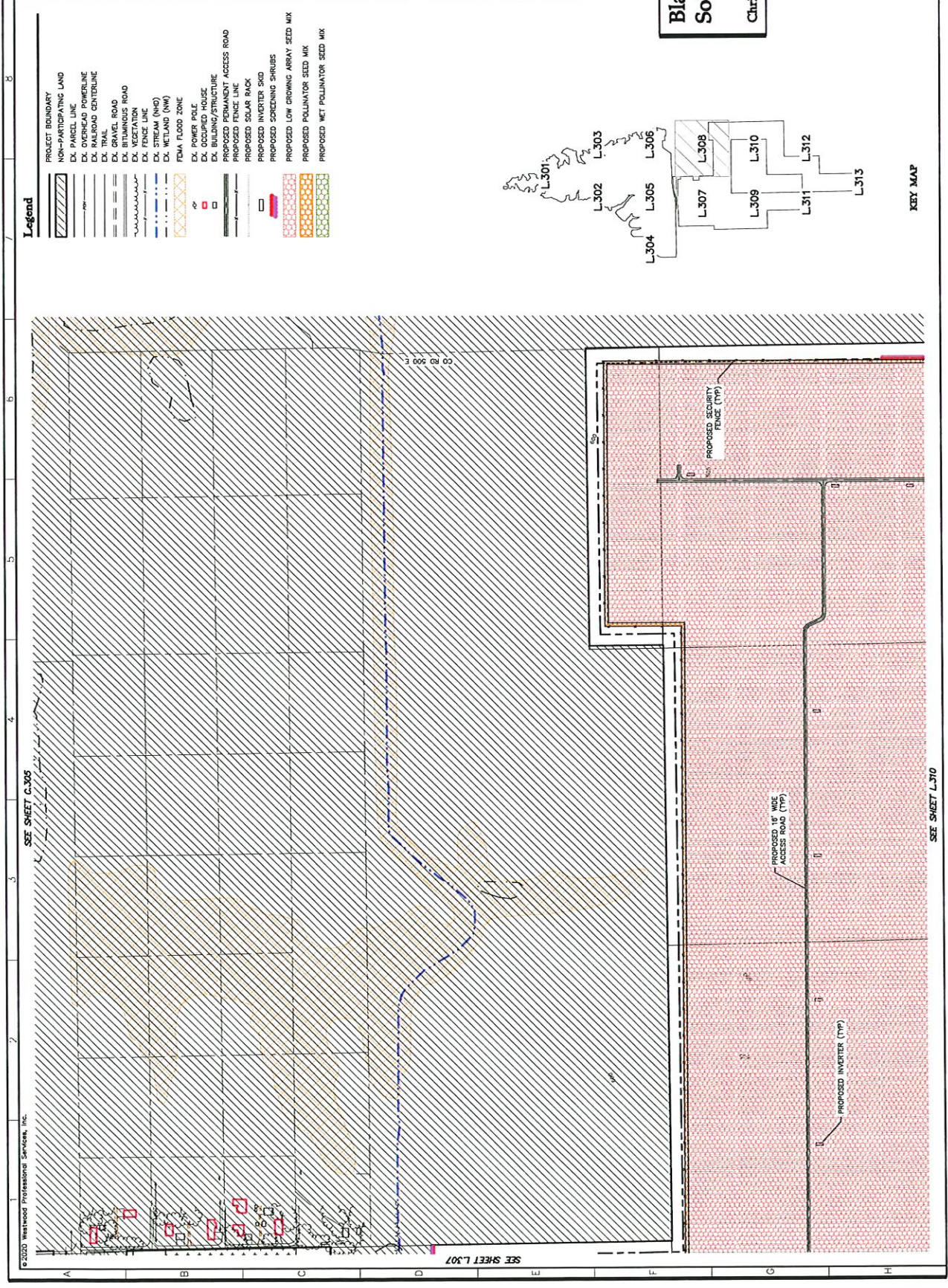
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Design:	MMZ
Checked:	MMZ
Drawn:	MMZ
As-Built Drawing:	
Project No.:	2020-0001
Client:	SWIFT CURRENT
Location:	34 WALK STREET, NORTH MA, 01850
Scale:	AS SHOWN
Revision:	
Prepared By:	



Black Diamond Solar
 Christian County, IL

Seeding and Screening
 Plan - 8
 Preliminary County Permit Plans
 Date: 06/14/2020
 Sheet: L-308
 002275-000-8.rvt



Legend

[Hatched Box]	PROJECT BOUNDARY
[Hatched Box]	NON-PARTICIPATING LAND
[Dashed Line]	EX. PARCEL LINE
[Dashed Line]	EX. OVERHEAD POWERLINE
[Dashed Line]	EX. ROAD CENTERLINE
[Dashed Line]	EX. TRAIL
[Dashed Line]	EX. GRAVEL ROAD
[Dashed Line]	EX. BITUMINOUS ROAD
[Dashed Line]	EX. VEGETATION
[Dashed Line]	EX. FENCE LINE
[Dashed Line]	EX. STREAM (MND)
[Dashed Line]	EX. WETLAND (MND)
[Dashed Line]	EX. FLOOD ZONE
[Dashed Line]	EX. POWER POLE
[Dashed Line]	EX. OCCUPIED HOUSE
[Dashed Line]	EX. BUILDING/STRUCTURE
[Dashed Line]	PROPOSED PERMIT ACCESS ROAD
[Dashed Line]	PROPOSED SOLAR RACK
[Dashed Line]	PROPOSED INVERTER SEED MIX
[Dashed Line]	PROPOSED SCREENING SHRUBS
[Dashed Line]	PROPOSED LOW GROWING ARRAY SEED MIX
[Dashed Line]	PROPOSED POLLINATOR SEED MIX
[Dashed Line]	PROPOSED WET POLLINATOR SEED MIX

KEY MAP

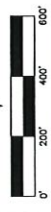
SEE SHEET C-305

SEE SHEET L-307

SEE SHEET L-310

Design	MM
Check	MM
Drawn	MM
As-built Drawing	
Project No.	20200000
Date	06/14/2020
Project Name	PRELIMINARY COUNTY PERMIT PLAN
Sheet No.	L-309

SWIFT CURRENT
 241 High Street
 Suite 202
 Hudson, MA 01755



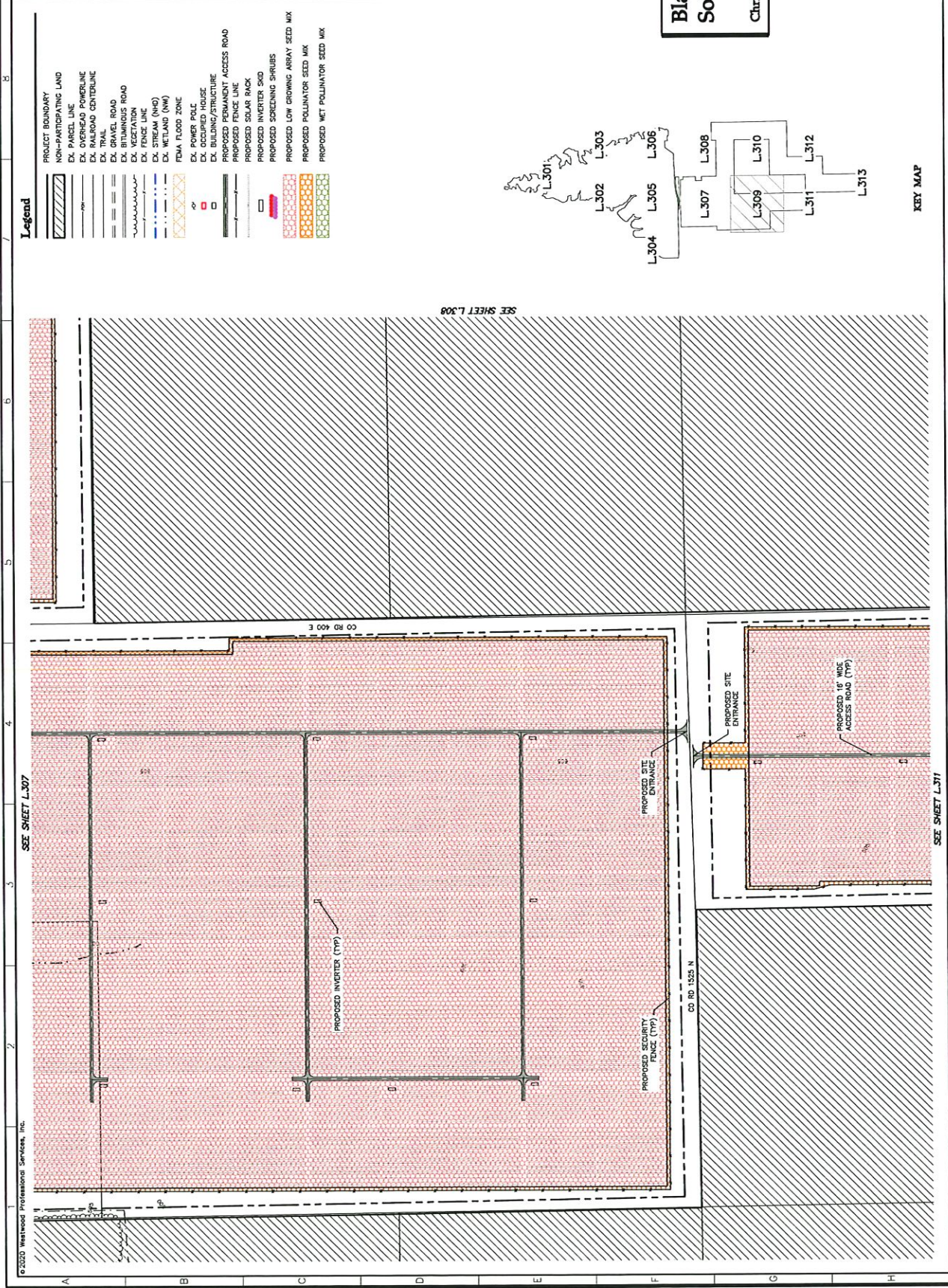
Black Diamond Solar
 Christian County, IL

Seeding and Screening
 Plan - 9

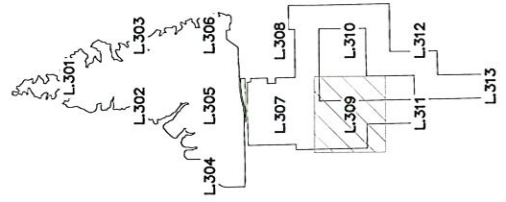
Preliminary County
 Permit Plans

Date: 06/14/2020
 Sheet: L-309

032525-000-004



- Legend**
- PROJECT BOUNDARY
 - NON-PARTICIPATING LAND
 - EX. FENCE LINE
 - EX. UTILITY CENTERLINE
 - EX. RAILROAD CENTERLINE
 - EX. TRAIL
 - EX. GRAVEL ROAD
 - EX. BITUMINOUS ROAD
 - EX. VEGETATION
 - EX. FENCE LINE
 - EX. TREM (TYP)
 - EX. WELDS (TYP)
 - EX. FLOOD ZONE
 - EX. POWER POLE
 - EX. STRUCTURE
 - EX. BUILDING STRUCTURE
 - PROPOSED PERMANENT ACCESS ROAD
 - PROPOSED FENCE LINE
 - PROPOSED SOLAR RACK
 - PROPOSED INVERTER (TYP)
 - PROPOSED SCREENING SHRUBS
 - PROPOSED LOW GROWING ARRAY SEED MIX
 - PROPOSED POLLINATOR SEED MIX
 - PROPOSED NET POLLINATOR SEED MIX



KEY MAP

Design	MM
Check	MM
Drawn	MM
As-built Drawing	
Project No.	2020000
Date	08/14/2020
Sheet	L310

SWIFT CURRENT

34 1/2 High Street
 Suite 202
 Boulder, CO 80502

Black Diamond Solar
 Christian County, IL

Seeding and Screening
 Plan - 10

Preliminary County
 Permit Plans

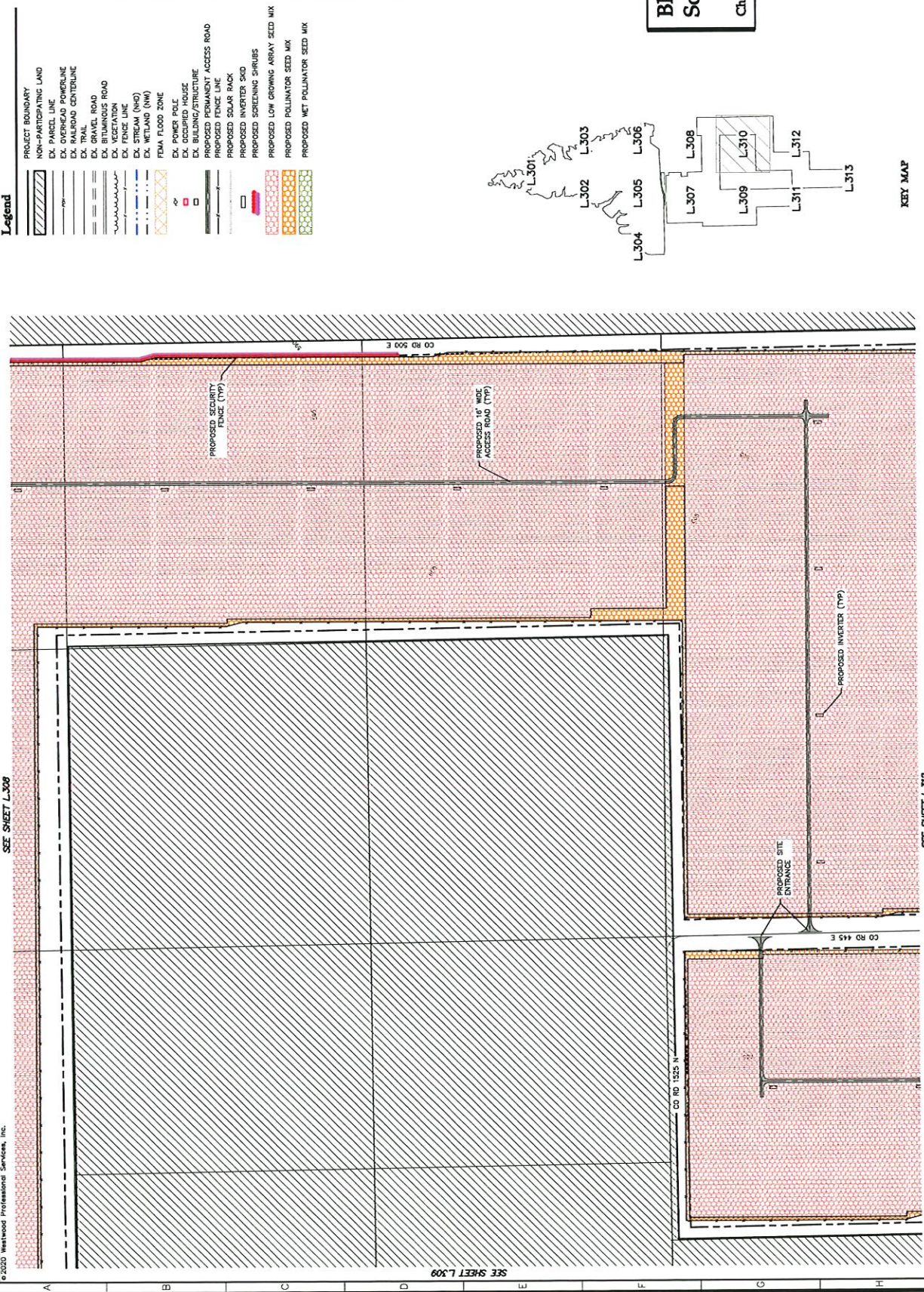
Date: 08/14/2020
 Sheet: L310

002275-000-044

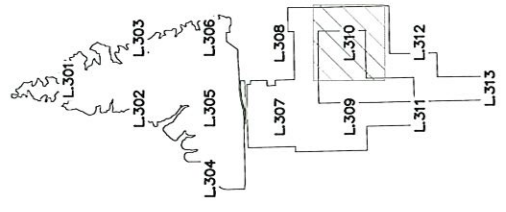
Legend

- PROJECT BOUNDARY
- NON-PARTICIPATING LAND
- EX. FENCE LINE
- EX. OVERHEAD POWER LINE
- EX. RAILROAD CENTERLINE
- EX. TRAIL
- EX. GRAVEL ROAD
- EX. BITUMINOUS ROAD
- EX. VEGETATION
- EX. FENCE LINE (S)
- EX. FENCE LINE (N)
- EX. WETLAND (M)
- EX. WETLAND (NM)
- FEPA FLOOD ZONE
- EX. POWER POLE
- EX. UTILITY TOWER
- EX. BUILDING STRUCTURE
- PROPOSED PERMANENT ACCESS ROAD
- PROPOSED FENCE LINE
- PROPOSED SOLAR RACK
- PROPOSED INVERTER SKD
- PROPOSED SCREENING SHRUBS
- PROPOSED LOW GROWING ARRAY SEED MIX
- PROPOSED POLLINATOR SEED MIX
- PROPOSED NET POLLINATION SEED MIX

1 2 3 4 5 6 7 8



KEY MAP



SEE SHEET L309

SEE SHEET L309

SEE SHEET L312

Design:	JKL
Checked:	JKL
Drafted:	JKL
Author:	JKL
Project:	Black Diamond Solar
Client:	SWIFT CURRENT
Location:	1.00/0.00 PRELIMINARY COUNTY POINT PLANS
Scale:	
Date:	
Prepared by:	

SWIFT CURRENT

341 High Street
 Suite 202
 Boston, MA 02202



Black Diamond Solar

Christian County, IL

Seeding and Screening
 Plan - II

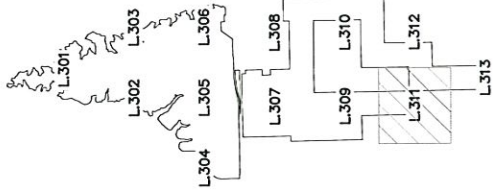
Preliminary County
 Permit Plans

Date: 08/14/2020
 Sheet: L311

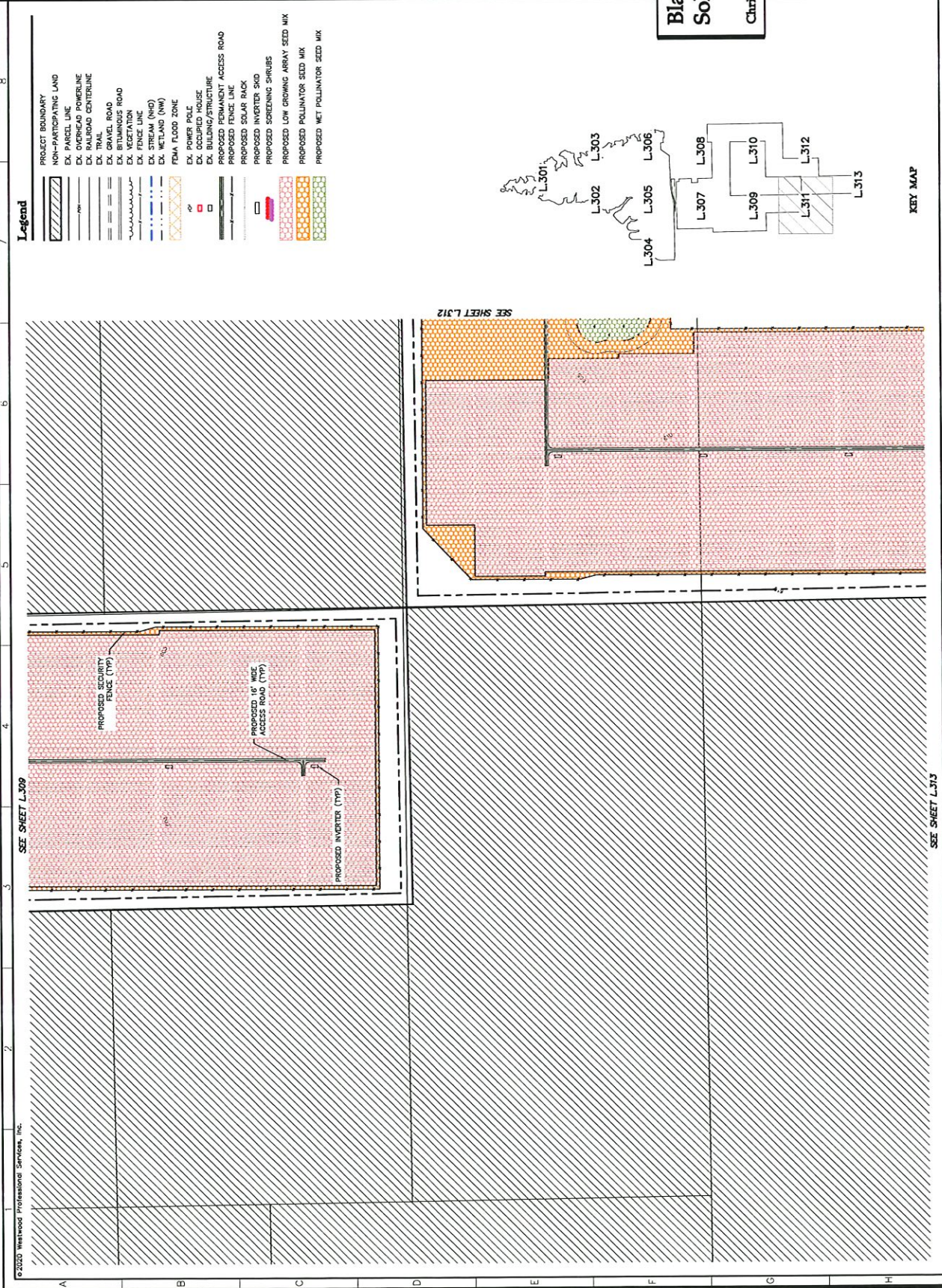
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Legend

[Hatched Box]	PROJECT BOUNDARY
[Dashed Line]	NON-PARTICIPATING LAND
[Solid Line]	EX. PARCEL LINE
[Dotted Line]	EX. OVERHEAD POWERLINE
[Dashed Line]	EX. ROAD CENTERLINE
[Dotted Line]	EX. TRAIL CENTERLINE
[Dotted Line]	EX. GRAVEL ROAD
[Dotted Line]	EX. BITUMINOUS ROAD
[Dotted Line]	EX. VEGETATION
[Dotted Line]	EX. FENCE LINE
[Dotted Line]	EX. STREAM (NHD)
[Dotted Line]	EX. WETLAND (NW)
[Dotted Line]	FEMA FLOOD ZONE
[Circle]	EX. POWER POLE
[Square]	EX. OCCUPIED HOUSE
[Square]	EX. BUILDING/STRUCTURE
[Dashed Line]	PROPOSED PERMANENT ACCESS ROAD
[Dashed Line]	PROPOSED SOLAR RACK
[Dotted Line]	PROPOSED INVERTER SMD
[Dotted Line]	PROPOSED SCREENING SHRUBS
[Dotted Line]	PROPOSED LOW GROWING ARRAY SEED MIX
[Dotted Line]	PROPOSED POLLINATOR SEED MIX
[Dotted Line]	PROPOSED WET POLLINATOR SEED MIX



KEY MAP



SEE SHEET L.309

SEE SHEET L.312

SEE SHEET L.313

Design:	MM
Checked:	MM
Drawn:	MM
As-Built Drawing:	
Revised:	
Project No.:	2020-001
Client:	WESTWOOD PROFESSIONAL SERVICES, INC.
Project Name:	
Project Location:	
Project Description:	
Project Status:	
Project Date:	
Project Budget:	
Project Manager:	
Project Engineer:	
Project Designer:	
Project Checker:	
Project Drafter:	
Project Approver:	
Project Sign-off:	
Project Close:	

SWIFT CURRENT

704 High Street
 Suite 202
 Raleigh, NC 27601



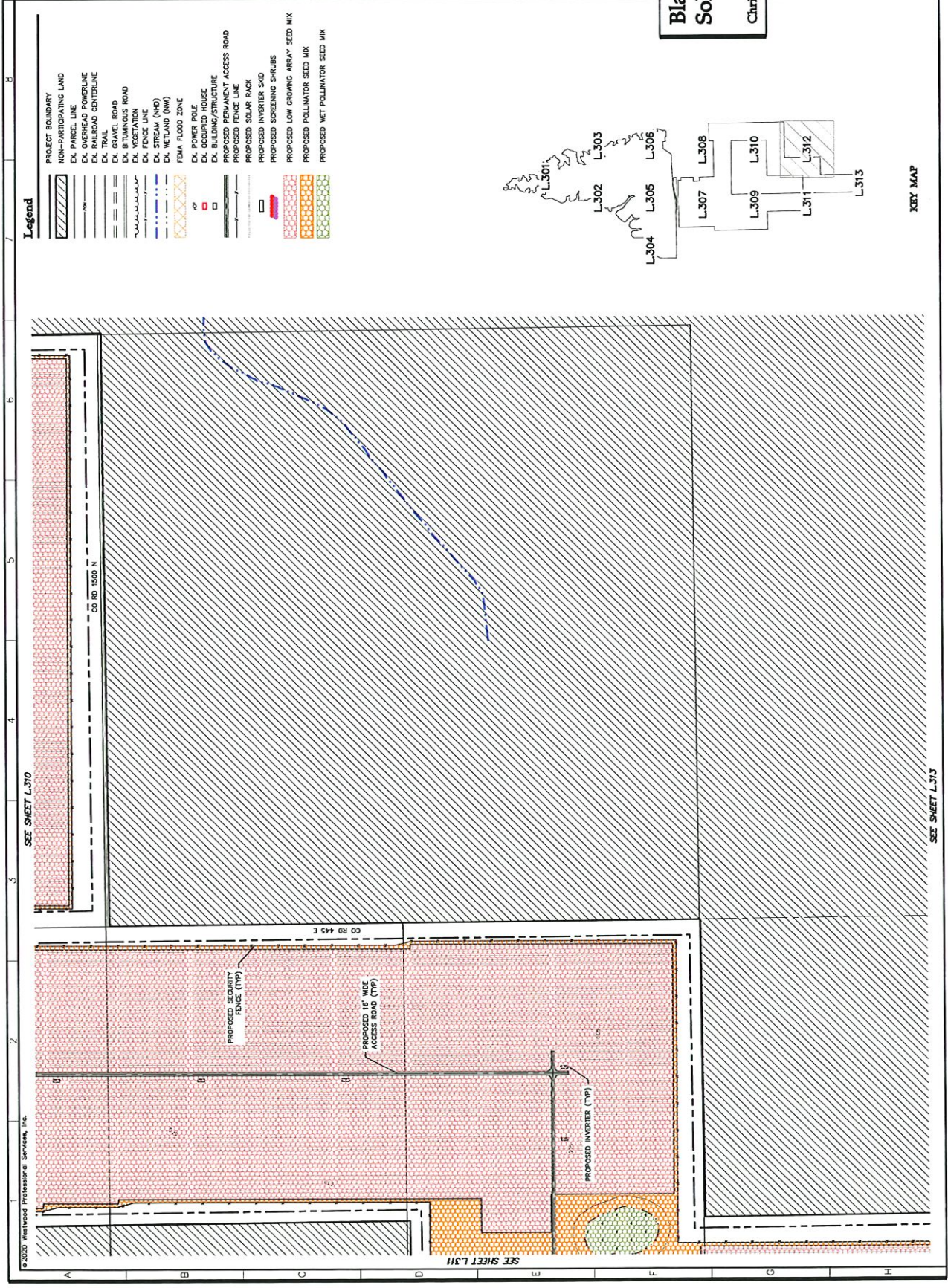
Black Diamond Solar
 Christian County, IL

Seeding and Screening
 Plan - 12

Preliminary County
 Permit Plans

Date: 08/14/2020
 Sheet: L312

002275-000-004



Task	Status
Design	IN PROGRESS
Check	IN PROGRESS
Draw	IN PROGRESS
As-Built Drawing	IN PROGRESS
Final	IN PROGRESS
Permit	IN PROGRESS
Construction	IN PROGRESS
Closeout	IN PROGRESS

SWIFT CURRENT

345 High Street
 Andover, MA 01810
 Phone: 978.475.2222



Black Diamond Solar
 Christian County, IL

Seeding and Screening
 Plan - 13

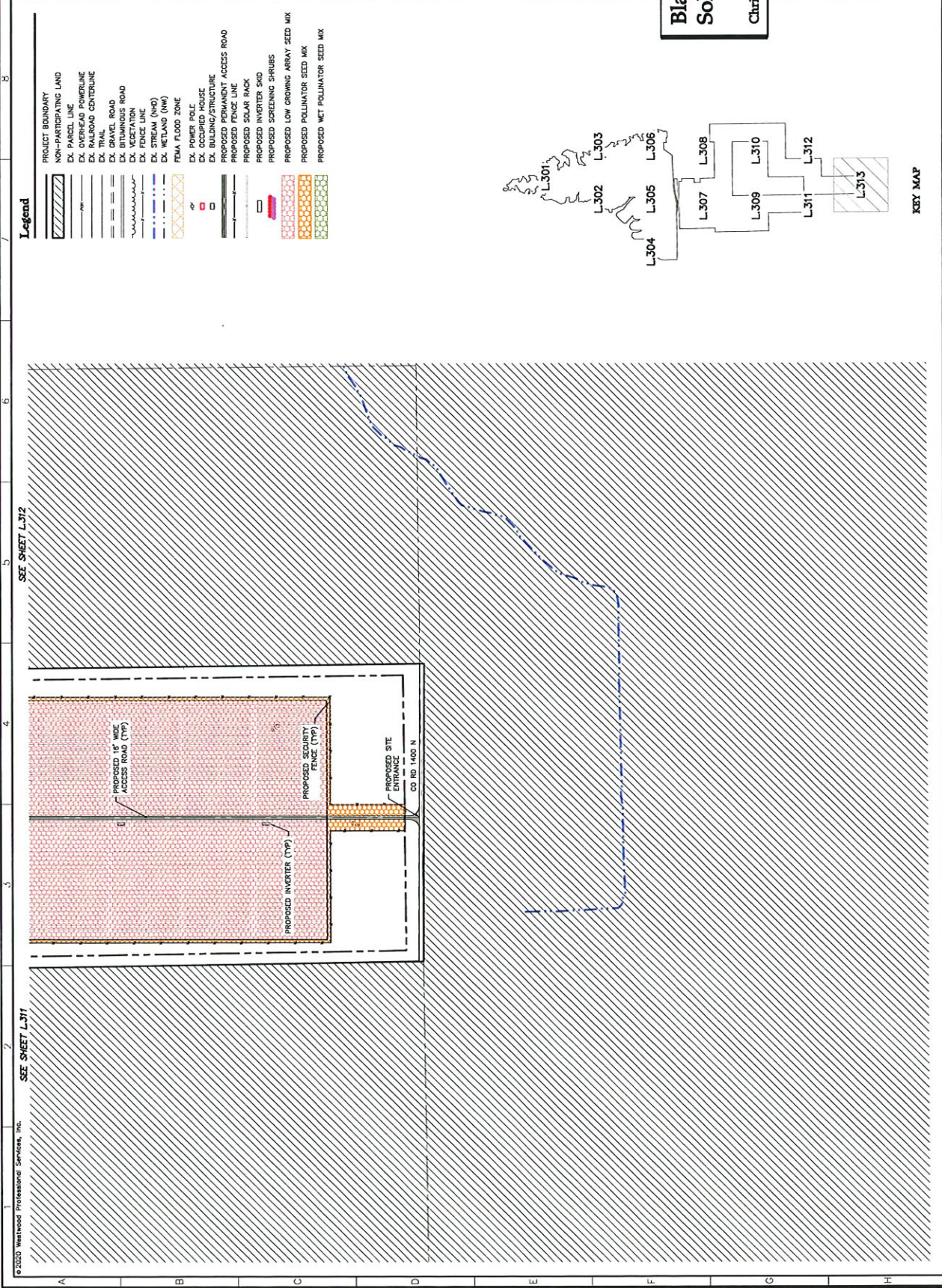
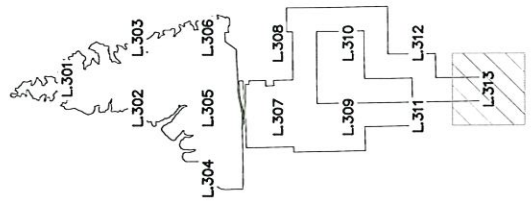
Preliminary County
 Permit Plans

Date: 08/14/2020
 Sheet: L-313

0022375-000P-049

Legend

	PROJECT BOUNDARY
	NON-PARTICIPATING LAND
	EX. PARCEL LINE
	EX. OVERHEAD POWERLINE
	EX. RAILROAD CENTERLINE
	EX. TRAIL ROAD
	EX. HIGHWAY ROAD
	EX. BIRMINGHAM ROAD
	EX. VEGETATION
	EX. FENCE LINE
	EX. STREAM (NHQ)
	EX. WETLAND (NH)
	FEMA FLOOD ZONE
	EX. POWER POLE
	EX. OCCUPIED HOUSE
	EX. BUILDING/STRUCTURE
	PROPOSED PERMANENT ACCESS ROAD
	PROPOSED FENCE LINE
	PROPOSED SOLAR RACK
	PROPOSED INVERTER SKID
	PROPOSED SCREENING SHRUBS
	PROPOSED LOW GROWING ARRAY SEED MIX
	PROPOSED POLLINATOR SEED MIX
	PROPOSED WET POLLINATOR SEED MIX



SEE SHEET L-312

SEE SHEET L-311