

123456789

A

Garnet Energy Center


Cayuga County, New York

B

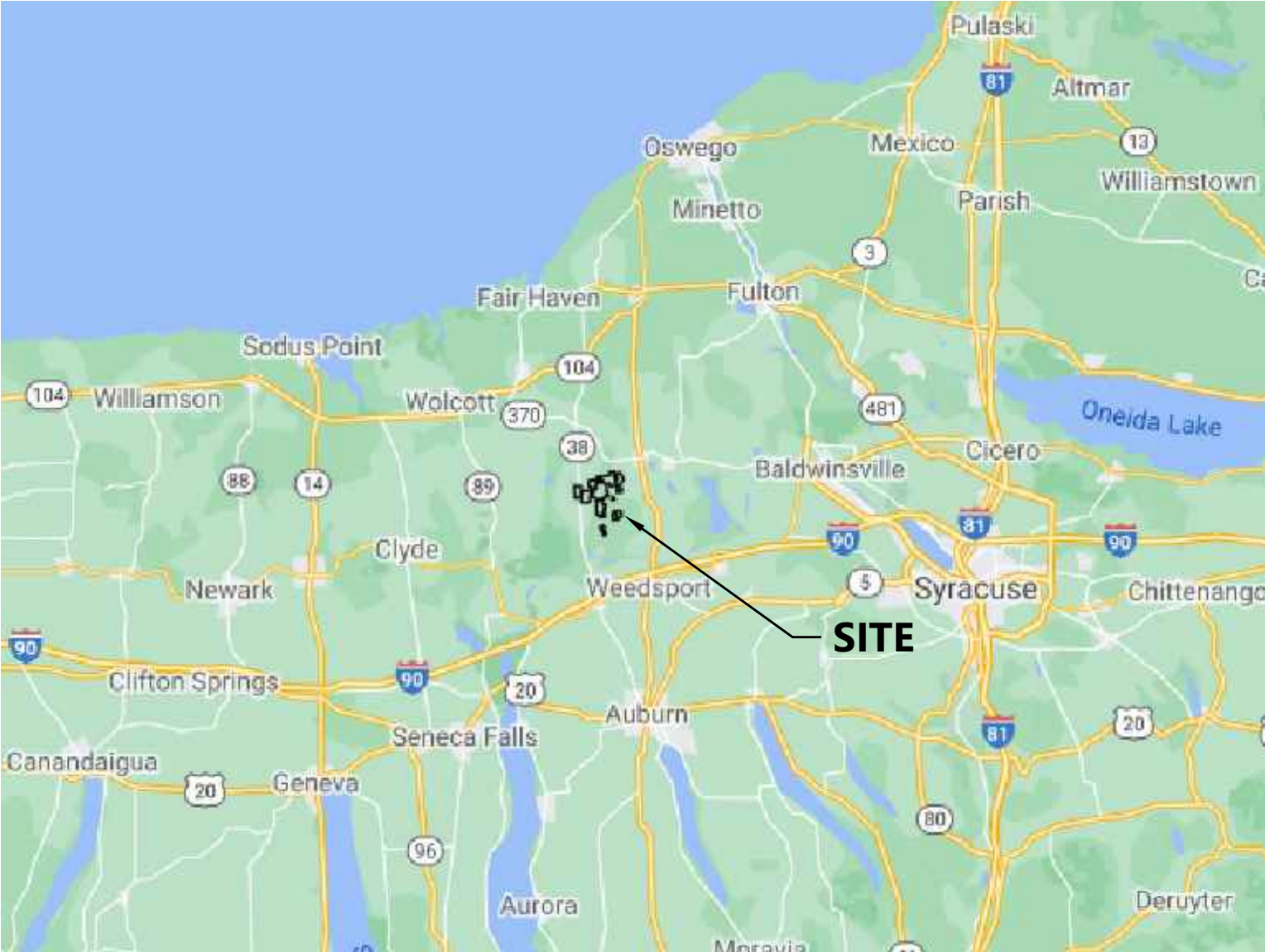
Issued for Permit

C

REGIONAL MAP



VICINITY MAP



CONTACT INFORMATION			
CONSULTANT	COMPANY	NAME	PHONE NUMBER
PROJECT MANAGER	WESTWOOD	JACK HAYS	972-265-4871
ENGINEER OF RECORD	WESTWOOD	ALEX ALVARADO	214-473-4648
CLIENT	NEXTERA	DAN MARIENI	954-980-4703
ENVIRONMENTAL CONSULTANT	TRC	HAYLEY EFFLER	315-715-1642

DATA SET INFORMATION		
BASE FILE	FILE NAME/NOTES	PROVIDER
CIVIL IMPROVEMENTS	0028522C-SITE	WESTWOOD
PV ARRAY	0028522E-EQUIP	WESTWOOD
ELECTRICAL LAYOUT	0028522E-EQUIP	WESTWOOD
BOUNDARY SURVEY	20-370-01X (PRE-PRELIMINARY SURVEY) JB20210423_v1	DUDEK
TOPOGRAPHY	GARNET_CONTOUR_1FT_20201215	DUDEK
AERIAL	GARNET_ORTHO_20200827_TILE	TRC
WETLANDS	GARNET_DELINEATEDRESOURCES_20210106	TRC
SUBSTATION	GARNET SOLAR 01182021	SARGENT AND LUNDY

Sheet List Table	
Sheet Number	Sheet Title
T.100	Cover
T.101	General Notes
C.100	Civil Site Plan Index Sheet
C.200	Overall Site Plan
C.301	Civil Site Plan
C.302	Civil Site Plan
C.303	Civil Site Plan
C.304	Civil Site Plan
C.305	Civil Site Plan
C.306	Civil Site Plan
C.307	Civil Site Plan
C.308	Civil Site Plan
C.309	Civil Site Plan
C.310	Civil Site Plan
C.311	Civil Site Plan
C.312	Civil Site Plan
C.313	Civil Site Plan
C.314	Civil Site Plan
C.315	Civil Site Plan
C.316	Civil Site Plan
C.317	Civil Site Plan

Sheet List Table	
Sheet Number	Sheet Title
C.318	Civil Site Plan
C.319	Civil Site Plan
C.320	Civil Site Plan
C.321	Civil Site Plan
C.322	Civil Site Plan
C.323	Civil Site Plan
C.324	Civil Site Plan
C.325	Civil Site Plan
C.326	Civil Site Plan
C.327	Civil Site Plan
C.328	Civil Site Plan
C.329	Civil Site Plan
C.330	Civil Site Plan
C.331	Civil Site Plan
C.332	Civil Site Plan
C.333	Civil Site Plan
C.334	Civil Site Plan
C.335	Civil Site Plan
C.336	Civil Site Plan
C.337	Civil Site Plan
C.338	Civil Site Plan

Sheet List Table	
Sheet Number	Sheet Title
C.339	Civil Site Plan
C.340	Civil Site Plan
C.341	Civil Site Plan
C.342	Civil Site Plan
C.343	Civil Site Plan
C.401	Tree Clearing Plan
C.402	Tree Clearing Plan
C.403	Tree Clearing Plan
C.404	Tree Clearing Plan
C.405	Tree Clearing Plan
C.406	Tree Clearing Plan
C.407	Tree Clearing Plan
C.408	Tree Clearing Plan
C.409	Tree Clearing Plan
C.410	Tree Clearing Plan
C.411	Tree Clearing Plan
C.412	Tree Clearing Plan
C.413	Tree Clearing Plan
C.414	Tree Clearing Plan
C.415	Tree Clearing Plan
C.416	Tree Clearing Plan

Sheet List Table	
Sheet Number	Sheet Title
C.417	Tree Clearing Plan
C.418	Tree Clearing Plan
C.419	Tree Clearing Plan
C.420	Tree Clearing Plan
C.421	Tree Clearing Plan
C.422	Tree Clearing Plan
C.423	Tree Clearing Plan
C.424	Tree Clearing Plan
C.425	Tree Clearing Plan
C.426	Tree Clearing Plan
C.427	Tree Clearing Plan
C.428	Tree Clearing Plan
C.429	Tree Clearing Plan
C.430	Tree Clearing Plan
C.431	Tree Clearing Plan
C.432	Tree Clearing Plan
C.433	Tree Clearing Plan
C.434	Tree Clearing Plan
C.435	Tree Clearing Plan
C.436	Tree Clearing Plan
C.437	Tree Clearing Plan

Sheet List Table	
Sheet Number	Sheet Title
C.438	Tree Clearing Plan
C.439	Tree Clearing Plan
C.440	Tree Clearing Plan
C.441	Tree Clearing Plan
C.442	Tree Clearing Plan
C.443	Tree Clearing Plan
C.601	Construction Details
C.602	Construction Details
C.603	Construction Details
C.604	Construction Details
C.605	Construction Details
C.606	New York Erosion Control Details
C.607	New York Erosion Control Details
C.608	New York Erosion Control Details
C.609	New York Erosion Control Details
C.610	New York Erosion Control Details

F

G

GA

CE

CAYUGA

0028522C_01.dwg 9/2/2021 1:36 PM Jordan B...

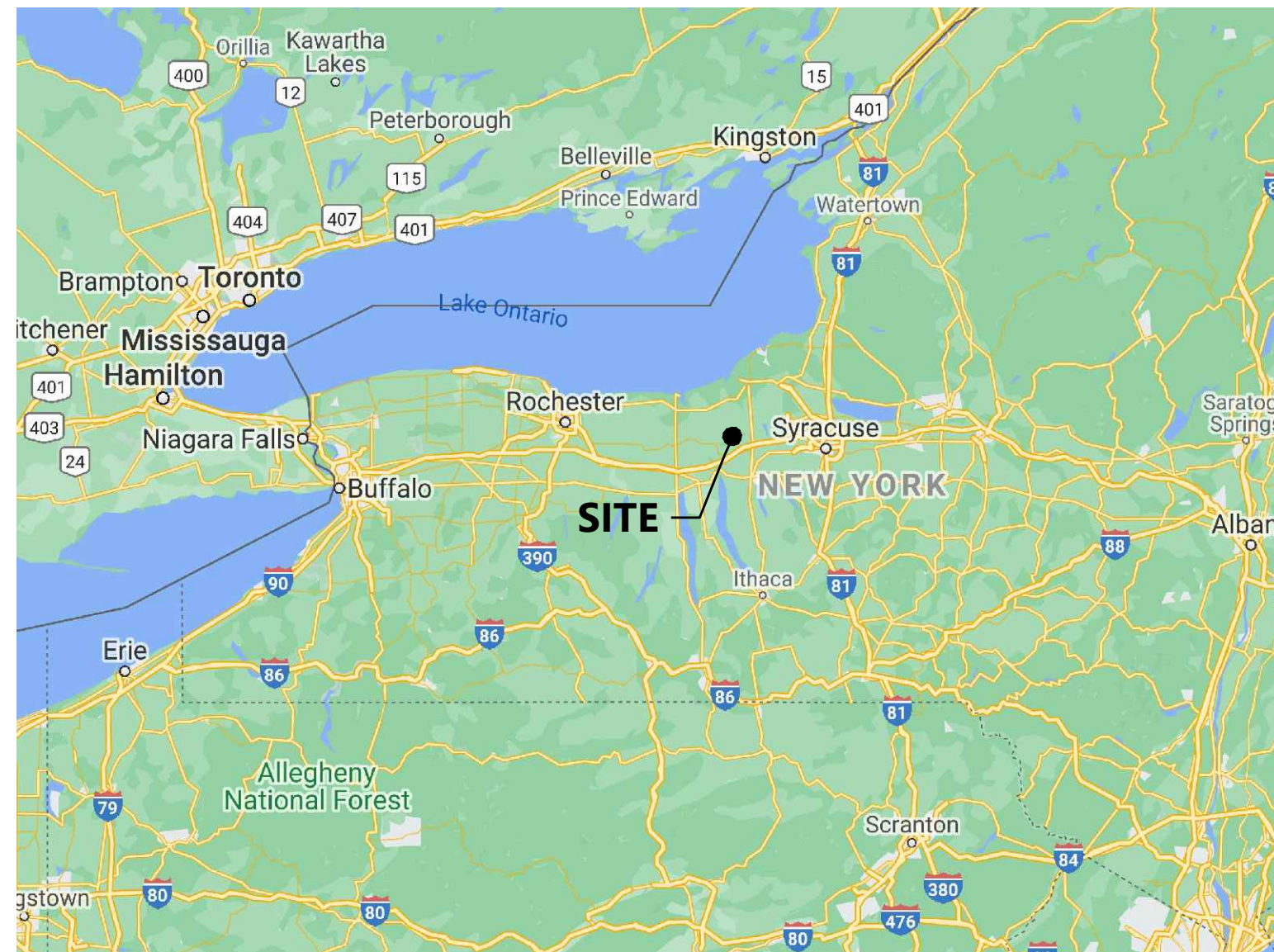
PREPARED FOR:



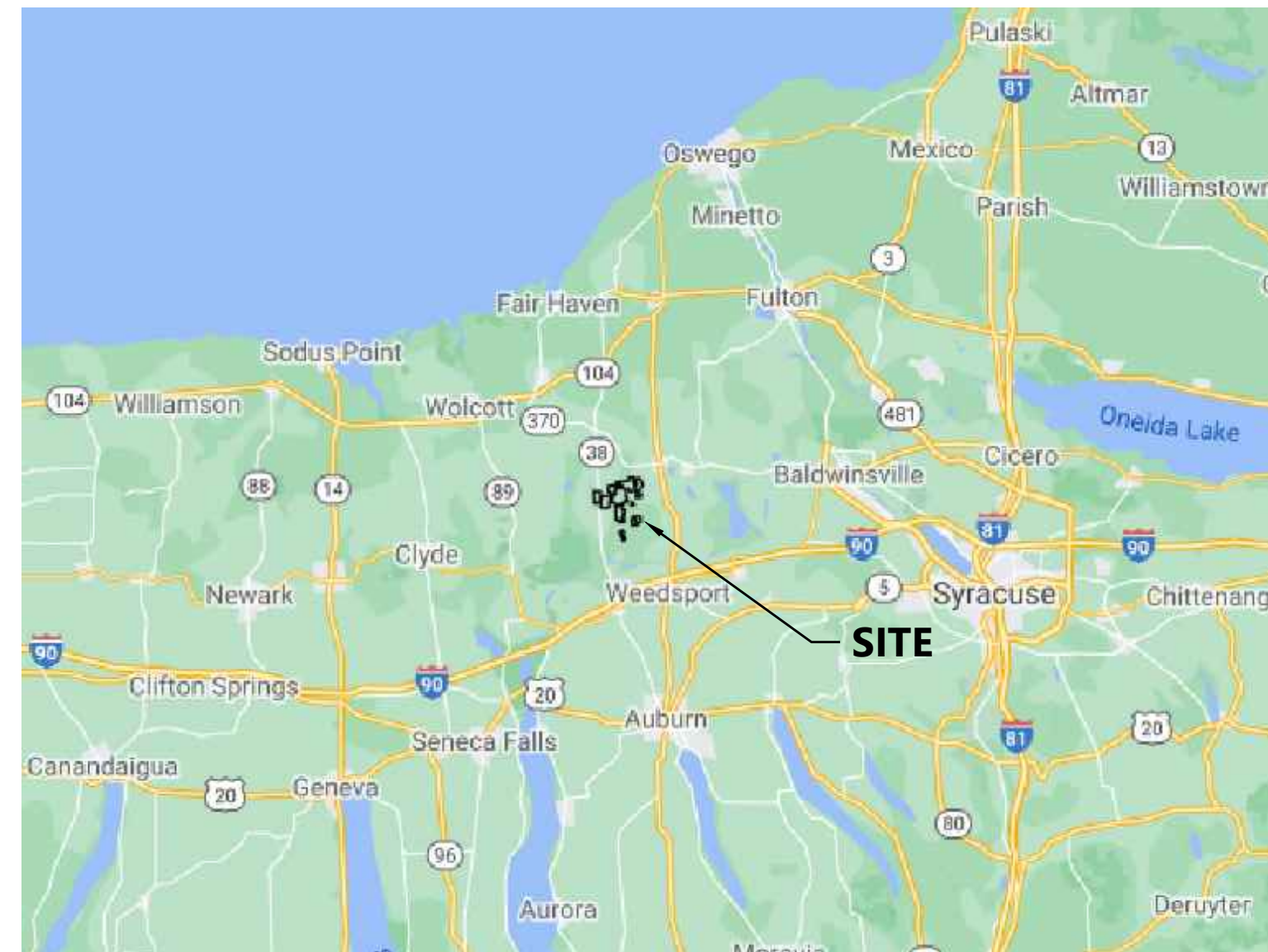
700 Universe Boulevard
Juno Beach, FL 33408

[illegible]

REGIONAL MAP



VICINITY MAP



CONTACT INFORMATION			
CONSULTANT	COMPANY	NAME	PHONE NUMBER
PROJECT MANAGER	WESTWOOD	JACK HAYS	972-265-4871
ENGINEER OF RECORD	WESTWOOD	ALEX ALVARADO	214-473-4648
CLIENT	NEXTERA	DAN MARIENI	954-980-4703
ENVIRONMENTAL CONSULTANT	TRC	HAYLEY EFFLER	315-715-1642

DATA SET INFORMATION		
BASE FILE	FILE NAME/NOTES	PROVIDER
CIVIL IMPROVEMENTS	0028522C-SITE	WESTWOOD
PV ARRAY	0028522E-EQUIP	WESTWOOD
ELECTRICAL LAYOUT	0028522E-EQUIP	WESTWOOD
BOUNDARY SURVEY	20-370-01X (PRE-PRELIMINARY SURVEY) JB20210423_v1	DUDEK
TOPOGRAPHY	GARNET_CONTOUR_1FT_20201215	DUDEK
AERIAL	GARNET_ORTHO_20200827_TILE	TRC
WETLANDS	GARNET_DELINEATEDRESOURCES_20210106	TRC
SUBSTATION	GARNET SOLAR 01182021	SARGENT AND LUNDY

Sheet Number	Sheet Title
T.100	Cover
T.101	General Notes
C.100	Civil Site Plan Index Sheet
C.200	Overall Site Plan
C.301	Civil Site Plan
C.302	Civil Site Plan
C.303	Civil Site Plan
C.304	Civil Site Plan
C.305	Civil Site Plan
C.306	Civil Site Plan
C.307	Civil Site Plan
C.308	Civil Site Plan
C.309	Civil Site Plan
C.310	Civil Site Plan
C.311	Civil Site Plan
C.312	Civil Site Plan
C.313	Civil Site Plan
C.314	Civil Site Plan
C.315	Civil Site Plan
C.316	Civil Site Plan
C.317	Civil Site Plan

Sheet List Table	
Sheet Number	Sheet Title
C.318	Civil Site Plan
C.319	Civil Site Plan
C.320	Civil Site Plan
C.321	Civil Site Plan
C.322	Civil Site Plan
C.323	Civil Site Plan
C.324	Civil Site Plan
C.325	Civil Site Plan
C.326	Civil Site Plan
C.327	Civil Site Plan
C.328	Civil Site Plan
C.329	Civil Site Plan
C.330	Civil Site Plan
C.331	Civil Site Plan
C.332	Civil Site Plan
C.333	Civil Site Plan
C.334	Civil Site Plan
C.335	Civil Site Plan
C.336	Civil Site Plan
C.337	Civil Site Plan
C.338	Civil Site Plan

Sheet List Table	
Sheet Number	Sheet Title
C.339	Civil Site Plan
C.340	Civil Site Plan
C.341	Civil Site Plan
C.342	Civil Site Plan
C.343	Civil Site Plan
C.401	Tree Clearing Plan
C.402	Tree Clearing Plan
C.403	Tree Clearing Plan
C.404	Tree Clearing Plan
C.405	Tree Clearing Plan
C.406	Tree Clearing Plan
C.407	Tree Clearing Plan
C.408	Tree Clearing Plan
C.409	Tree Clearing Plan
C.410	Tree Clearing Plan
C.411	Tree Clearing Plan
C.412	Tree Clearing Plan
C.413	Tree Clearing Plan
C.414	Tree Clearing Plan
C.415	Tree Clearing Plan

Sheet List Table	
Sheet Number	Sheet Title
C.417	Tree Clearing Plan
C.418	Tree Clearing Plan
C.419	Tree Clearing Plan
C.420	Tree Clearing Plan
C.421	Tree Clearing Plan
C.422	Tree Clearing Plan
C.423	Tree Clearing Plan
C.424	Tree Clearing Plan
C.425	Tree Clearing Plan
C.426	Tree Clearing Plan
C.427	Tree Clearing Plan
C.428	Tree Clearing Plan
C.429	Tree Clearing Plan
C.430	Tree Clearing Plan
C.431	Tree Clearing Plan
C.432	Tree Clearing Plan
C.433	Tree Clearing Plan
C.434	Tree Clearing Plan
C.435	Tree Clearing Plan
C.436	Tree Clearing Plan

Sheet List Table	
Sheet Number	Sheet Title
C.438	Tree Clearing Plan
C.439	Tree Clearing Plan
C.440	Tree Clearing Plan
C.441	Tree Clearing Plan
C.442	Tree Clearing Plan
C.443	Tree Clearing Plan
C.601	Construction Details
C.602	Construction Details
C.603	Construction Details
C.604	Construction Details
C.605	Construction Details
C.606	New York Erosion Control Details
C.607	New York Erosion Control Details
C.608	New York Erosion Control Details
C.609	New York Erosion Control Details
C.610	New York Erosion Control Details

Garnet Energy Center

Cayuga County, New York

Cover

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

SHEET: T.100

GENERAL NOTES:

SURVEY NOTES:

1. TOPOGRAPHIC INFORMATION PROVIDED BY DUDEK DATED JANUARY 5, 2021.

2. PROPERTY BOUNDARY INFORMATION PROVIDED BY NEXTERA ENERGY, DATED 09/09/2020.

3. HORIZONTAL DATUM: NSRS 2011 NEW YORK STATE PLANES, CENTRAL ZONE US FOOT, FOOT.

VERTICAL DATUM: NAD83.

4. WETLAND BOUNDARY INFORMATION PROVIDED BY TRC DATED 01/11/2021.

5. EXISTING TREELINE IS APPROXIMATE, BASED ON AERIAL PHOTOGRAPHY. TREELINE PROVIDED BY TRC DATED 01/27/2021.

6. FLOOD ZONE CLASSIFICATION: ----

SWPPP NOTE:

THE EROSION AND SEDIMENTATION CONTROL MEASURES FOR THIS PROJECT SHALL BE IN SUBSTANTIAL COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES) GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (GP-0-20-001), OR GP IN EFFECT AT COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

REMOVAL NOTES:

1. TREES AND OTHER VEGETATION MAY BE REDUCED TO CHIPS BY THE USE OF CHIPPING MACHINES OR STUMP GRINDER AND USED AS APPROPRIATE FOR EROSION CONTROL. ALL OTHER CHIPS AND WOOD WASTE RESULTING FROM REMOVAL OPERATIONS SHALL BE DISPOSED OF OFF-SITE AT A FACILITY AND IN A MANNER APPROVED BY THE OWNER.

2. AREAS IDENTIFIED AS ARCHAEOLOGICAL AVOIDANCE AREAS SHALL BE CLEARED OF TREES ONLY. GROUND DISTURBANCE IS NOT PERMITTED. STUMPS SHALL BE CUT TO A MAXIMUM HEIGHT OF ONE (1) FOOT AND LEFT IN PLACE.

3. ALL DEMOLITION WASTE, DEBRIS AND RUBBISH SHALL BE PROPERLY REMOVED FROM THE SITE AS IT OCCURS. ALL MATERIALS SHALL BE PROPERLY DISPOSED OF OFF-SITE IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

4. TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING IMPROVEMENTS AND FACILITIES TO REMAIN IN PLACE. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND REPLACEMENT OF DAMAGED ITEMS AS A RESULT OF CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.

SAFETY NOTE:

WORK WILL BE CARRIED OUT NEAR AND UNDER ENERGIZED EQUIPMENT. EXTREME CAUTION IS REQUIRED AT ALL TIMES. THE CONTRACTOR SHALL STRICTLY FOLLOW ALL NEW YORK POWER AUTHORITY (NYP&A) SAFETY REQUIREMENTS WHEN WORKING WITHIN THE NYP&A RIGHT-OF-WAY. FAILURE TO DO SO WILL RESULT IN TERMINATION.

EARTHWORK:

UNLESS INDICATED OTHERWISE REFER TO THE LATEST EDITION OF THE STATE OF NEW YORK, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS FOR GENERAL REQUIREMENTS, PRODUCTS AND EXECUTION RELATED TO CONSTRUCTION OF BUT NOT LIMITED TO: CLEARING, GRUBBING, ROADS, UTILITY TRENCH EXCAVATION, BORROW, SUBGRADE, SUBBASE, GRANULAR FILL, AND AGGREGATE BASE.

PROJECT CONSTRUCTION SEQUENCING NOTES:

THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION SEQUENCING OR CONSTRUCTION PHASING PLAN FOR OWNER APPROVAL THAT COMPLIES WITH PERMITTING REQUIREMENTS. THE PLAN SHALL SHOW THAT ACTIVE LAND DISTURBANCE ACTIVITIES WILL BE LIMITED TO LESS THAN FIVE (5) ACRES IN SIZE AND SHALL DISCUSS BUT IS NOT LIMITED TO THE FOLLOWING:

1. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS FOR TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED AND AS DETAILED IN THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

2. PRIOR TO THE START OF ONSITE EARTHWORK ACTIVITIES, THE CONTRACTOR SHALL ESTABLISH THE CONSTRUCTION WORKSPACE LIMITS AND IDENTIFY AND MARK SENSITIVE RESOURCES.

3. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) IN ORDER TO PROTECT DOWN GRADIENT AREAS.

4. AFTER PERMANENT EROSION AND SEDIMENT CONTROL MEASURES ARE INSTALLED AND FUNCTIONING ON THE CURRENT CONSTRUCTION PHASE THE CONTRACTOR SHALL OBTAIN OWNER APPROVAL PRIOR TO BEGINNING EARTHWORK ON THE SUBSEQUENT CONSTRUCTION PHASE.

IF DISTURBING MORE THAN FIVE (5) ACRES, THE OWNER OR OPERATOR MUST OBTAIN PRIOR WRITTEN AUTHORIZATION FROM THE NYSDEC, OR IN AREAS UNDER THE JURISDICTION OF A REGULATED, TRADITIONAL LAND USE CONTROL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4), PROVIDED THE MS4 IS NOT THE OWNER OR OPERATOR OF THE CONSTRUCTION ACTIVITY. AT A MINIMUM, THE OWNER OR OPERATOR MUST COMPLY WITH THE FOLLOWING REQUIREMENTS IN ORDER TO BE AUTHORIZED TO DISTURB GREATER THAN FIVE (5) ACRES OF SOIL AT ANY ONE TIME:

1. THE OWNER OR OPERATOR SHALL HAVE A QUALIFIED INSPECTOR CONDUCT AT LEAST TWO (2) SITE INSPECTIONS IN ACCORDANCE WITH PART IV.C. OF THE GENERAL PERMIT EVERY SEVEN (7) CALENDAR DAYS, FOR AS LONG AS GREATER THAN FIVE (5) ACRES OF SOIL REMAIN DISTURBED. THE TWO (2) INSPECTIONS SHALL BE SEPARATED BY A MINIMUM OF TWO (2) FULL CALENDAR DAYS.

2. IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN SEVEN (7) DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. THE SOIL STABILIZATION MEASURES SELECTED SHALL BE IN CONFORMANCE WITH THE TECHNICAL STANDARD, AND THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, DATED NOVEMBER 2016, OR MOST CURRENT VERSION.

3. THE OWNER OR OPERATOR SHALL PREPARE A PHASING PLAN THAT DEFINES MAXIMUM DISTURBED AREA PER PHASE AND SHOWS REQUIRED CUTS AND FILLS.

4. THE OWNER OR OPERATOR SHALL INSTALL ANY ADDITIONAL SITE-SPECIFIC PRACTICES NEEDED TO PROTECT WATER QUALITY.

5. THE OWNER OR OPERATOR SHALL INCLUDE THE REQUIREMENTS ABOVE IN THE SWPPP.

PROJECT DETAILS

PROJECT AREA (ACRES)	2,288.7
FENCED AREA (ACRES)	1,050.3
FENCING LENGTH (LF)	152,602
ACCESS ROAD LENGTH (LF)	63,907
TEMP ACCESS ROAD LENGTH (LF)	2,430
LIMITS OF DISTURBANCE (ACRES)	1,200.8
SILT FENCE LENGTH (LF)	128,797.0
TREE CLEARING TYPE I (ACRES)	248.9
TREE CLEARING TYPE II (ACRES)	13.4

HORIZONTAL DIRECTION DRILLING TABLE

LOCATION	LENGTH	CIVIL PLAN SHEET REFERENCE
CROSSING OF SPOOK WOODS ROAD	33 FEET	C.303
CROSSING OF MONTANA ROAD	33 FEET	C.306
CROSSING OF SLAYTON ROAD	2 X 58 FEET	C.309
CROSSING COUNTY ROAD 38	88 FEET	C.320
CROSSING OF COOPER STREET	6 X 38 FEET	C.322
CROSSING S-NSD-7	3 X 58 FEET	C.322
CROSSING OF UTILITY EASEMENT	360 FEET	C.326
CROSSING OF COOPER STREET	2 X 44 FEET	C.326
CROSSING OF COOPER STREET	45 FEET	C.330
CROSSING OF W-JIB-3	511 FEET	C.330-C.331
CROSSING SLAYTON ROAD	32 FEET	C.336
CROSSING OF EGYPT ROAD	70 FEET	C.338
CROSSING OF SLAYTON ROAD	20 FEET	C.339
CROSSING OF SLAYTON ROAD	30 FEET	C.339
CROSSING OF SLAYTON ROAD	38 FEET	C.339
CROSSING OF MONTANA ROAD	24 FEET	C.340
CROSSING OF SPOOK WOODS ROAD	26 FEET	C.343

SITE ENTRANCE CULVERTS

NAME	INLET	OUTLET	CULVERT SIZE	CULVERT LENGTH	MATERIAL	SHEET
EC-01	TBD	TBD	1 - 12"	TBD	CMP	C.301
EC-02	TBD	TBD	1 - 12"	TBD	CMP	C.303
EC-03	TBD	TBD	1 - 12"	TBD	CMP	C.304
EC-04	TBD	TBD	1 - 12"	TBD	CMP	C.304
EC-05	TBD	TBD	1 - 12"	TBD	CMP	C.306
EC-06	TBD	TBD	1 - 12"	TBD	CMP	C.307
EC-07	TBD	TBD	1 - 12"	TBD	CMP	C.309
EC-08	TBD	TBD	1 - 18"	TBD	CMP	C.309
EC-09	TBD	TBD	1 - 12"	TBD	CMP	C.311
EC-10	TBD	TBD	1-30"	TBD	CMP	C.312
EC-11	TBD	TBD	1 - 12"	TBD	CMP	C.319
EC-12	TBD	TBD	1 - 12"	TBD	CMP	C.319
EC-13	TBD	TBD	1 - 12"	TBD	CMP	C.320
EC-14	TBD	TBD	1 - 21"	TBD	CMP	C.320
EC-15	TBD	TBD	1 - 12"	TBD	CMP	C.322
EC-16	TBD	TBD	1 - 12"	TBD	CMP	C.322
EC-17	TBD	TBD	1 - 12"	TBD	CMP	C.322
EC-18	TBD	TBD	1 - 12"	TBD	CMP	C.322
EC-19	TBD	TBD	1 - 12"	TBD	CMP	C.326
EC-20	TBD	TBD	1 - 12"	TBD	CMP	C.326
EC-21	TBD	TBD	1 - 15"	TBD	CMP	C.326
EC-22	TBD	TBD	1 - 12"	TBD	CMP	C.330
EC-23	TBD	TBD	1 - 12"	TBD	CMP	C.332
EC-24	TBD	TBD	1 - 12"	TBD	CMP	C.335
EC-25	TBD	TBD	1 - 12"	TBD	CMP	C.335
EC-26	TBD	TBD	1 - 18"	TBD	CMP	C.336
EC-27	TBD	TBD	1 - 12"	TBD	CMP	C.336
EC-28	TBD	TBD	1 - 12"	TBD	CMP	C.337

STREAM CROSSINGS

NAME	INLET	OUTLET	CULVERT SIZE	CULVERT LENGTH	MATERIAL	SHEET
DC-01	TBD	TBD	4 - 18"	TBD	CMP	C.302
DC-02	TBD	TBD	2 - 18"	TBD	CMP	C.304
DC-03	TBD	TBD	2 - 18"	TBD	CMP	C.311
DC-04	TBD	TBD	2 - 36"	TBD	CMP	C.313
DC-05	TBD	TBD	2 - 18"	TBD	CMP	C.316
DC-06	TBD	TBD	1 - 12"	TBD	CMP	C.320
DC-07	TBD	TBD	1 - 12"	TBD	CMP	C.320
DC-08	TBD	TBD	2 - 18"	TBD	CMP	C.328

SOILS PROPERTY TABLE

Map Unit Symbol	Map Unit Name	Min Soil Group	Acres
Ac	Alden mucky silt loam	8	40.1
Ad	Alden mucky silt loam, till substratum	8	10.7
Al	Alluvial land	9	3.1
AnB	Alton gravelly sandy loam, 3 to 8 percent slopes	3	24.5
AnC	Alton gravelly sandy loam, 8 to 15 percent slopes	5	17.5
AsB	Appleton and Lyons soils, 0 to 3 percent slopes	6	41.3
CeB	Cazenovia silt loam, 2 to 8 percent slopes	3	12.9
CeC	Cazenovia silt loam, 8 to 14 percent slopes	5	5.2
CeC3	Cazenovia silt loam, 5 to 14 percent slopes, eroded	6	6.5
CIA	Collamer silt loam, 0 to 2 percent slopes	2	12.8
CIB	Collamer silt loam, 2 to 6 percent slopes	3	1.3
CmC	Colonie loamy fine sand, 6 to 12 percent slopes	6	3.1
CnB	Colonie fine sandy loam, 1 to 6 percent slopes	4	7
Fo	Fonda mucky silt loam	7	2.5
GaB	Galen fine sandy loam, 2 to 6 percent slopes	3	37.4
HIA	Hilton loam, 0 to 3 percent slopes	2	16.1
HIB	Hilton loam, 3 to 8 percent slopes	2	154.6
Lf	Lamson mucky fine sandy loam	7	92.9
Mb	Madalin silt loam, sandy subsoil variant	7	18.1
Mf	Minoa fine sandy loam	5	11.5
Mr	Muck, deep	6	344.5
Ms	Muck, shallow	6	122.7
Na	Niagara fine sandy loam	4	41.9
Nc	Niagara and Canandaigua silt loams	6	12
OfB	Ontario fine sandy loam, 3 to 8 percent slopes	2	114
OfC	Ontario fine sandy loam, 8 to 15 percent slopes	5	102.4
OnB	Ontario loam, 3 to 8 percent slopes	2	266.3
OnC	Ontario loam, 8 to 15 percent slopes	5	257.6
OnD	Ontario loam, 14 to 20 percent slopes	6	174.2
OtE	Ontario, Honeoye, and Lansing soils, 20 to 35 percent slopes	8	130.2
OvB	Ovid silt loam, 2 to 6 percent slopes	5	1.1
PaB	Palmyra gravelly sandy loam, 3 to 8 percent slopes	2	7.8
PaC	Palmyra gravelly sandy loam, 8 to 15 percent slopes	5	11.8
PgB	Palmyra gravelly loam, 3 to 8 percent slopes	2	50.1
PgC	Palmyra gravelly loam, 8 to 15 percent slopes	5	81.5
PmD	Palmyra soils, 15 to 25 percent slopes	6	7.7
PnE	Palmyra, Howard, and Alton soils, 25 to 40 percent slopes	9	12.8
Pv	Phelps gravelly silt loam	2	6
RgB	Riga and Lairdsville silt loams, 2 to 6 percent slopes	4	13.3
RIC3	Riga and Lairdsville silty clay loams, 6 to 12 percent slopes, eroded	6	5.4
St	Stafford fine sandy loam	5	5.2
W	Water	0	1

SITE ENTRANCE CULVERTS						
NAME	INLET	OUTLET	CULVERT SIZE	CULVERT LENGTH	MATERIAL	SHEET
EC-01	TBD	TBD	1 - 12"	TBD	CMP	C.301
EC-02	TBD	TBD	1 - 12"	TBD	CMP	C.303
EC-03	TBD	TBD	1 - 12"	TBD	CMP	C.304
EC-04	TBD	TBD	1 - 12"	TBD	CMP	C.304
EC-05	TBD	TBD	1 - 12"	TBD	CMP	C.306
EC-06	TBD	TBD	1 - 12"	TBD	CMP	C.307
EC-07	TBD	TBD	1 - 12"	TBD	CMP	C.309
EC-08	TBD	TBD	1 - 18"	TBD	CMP	C.309
EC-09	TBD	TBD	1 - 12"	TBD	CMP	C.311
EC-10	TBD	TBD	1-30"	TBD	CMP	C.312
EC-11	TBD	TBD	1 - 12"	TBD	CMP	C.319
EC-12	TBD	TBD	1 - 12"	TBD	CMP	C.319
EC-13	TBD	TBD	1 - 12"	TBD	CMP	C.320
EC-14	TBD	TBD	1 - 21"	TBD	CMP	C.320
EC-15	TBD	TBD	1 - 12"	TBD	CMP	C.322
EC-16	TBD	TBD	1 - 12"	TBD	CMP	C.322
EC-17	TBD	TBD	1 - 12"	TBD	CMP	C.322
EC-18	TBD	TBD	1 - 12"	TBD	CMP	C.322
EC-19	TBD	TBD	1 - 12"	TBD	CMP	C.326
EC-20	TBD	TBD	1 - 12"	TBD	CMP	C.326
EC-21	TBD	TBD	1 - 15"	TBD	CMP	C.326
EC-22	TBD	TBD	1 - 12"	TBD	CMP	C.330
EC-23	TBD	TBD	1 - 12"	TBD	CMP	C.332
EC-24	TBD	TBD	1 - 12"	TBD	CMP	C.335
EC-25	TBD	TBD	1 - 12"	TBD	CMP	C.335
EC-26	TBD	TBD	1 - 18"	TBD	CMP	C.336
EC-27	TBD	TBD	1 - 12"	TBD	CMP	C.336
EC-28	TBD	TBD	1 - 12"	TBD	CMP	C.337

STREAM CROSSINGS						
NAME	INLET	OUTLET	CULVERT SIZE	CULVERT LENGTH	MATERIAL	SHEET
DC-01	TBD	TBD	4 - 18"	TBD	CMP	C.302
DC-02	TBD	TBD	2 - 18"	TBD	CMP	C.304
DC-03	TBD	TBD	2 - 18"	TBD	CMP	C.311
DC-04	TBD	TBD	2 - 36"	TBD	CMP	C.313
DC-05	TBD	TBD	2 - 18"	TBD	CMP	C.316
DC-06	TBD	TBD	1 - 12"	TBD	CMP	C.320
DC-07	TBD	TBD	1 - 12"	TBD	CMP	C.320
DC-08	TBD	TBD	2 - 18"	TBD	CMP	C.328

SOILS PROPERTY TABLE			
Map Unit Symbol	Map Unit Name	Min Soil Group	Acres
Ac	Alden mucky silt loam	8	40.1
Ad	Alden mucky silt loam, till substratum	8	10.7
Al	Alluvial land	9	3.1
AnB	Alton gravelly sandy loam, 3 to 8 percent slopes	3	24.5
AnC	Alton gravelly sandy loam, 8 to 15 percent slopes	5	17.5
AsB	Appleton and Lyons soils, 0 to 3 percent slopes	6	41.3
CeB	Cazenovia silt loam, 2 to 8 percent slopes	3	12.9
CeC	Cazenovia silt loam, 8 to 14 percent slopes	5	5.2
CeC3	Cazenovia silt loam, 5 to 14 percent slopes, eroded	6	6.5
CIA	Collamer silt loam, 0 to 2 percent slopes	2	12.8
CIB	Collamer silt loam, 2 to 6 percent slopes	3	1.3
CmC	Colonie loamy fine sand, 6 to 12 percent slopes	6	3.1
CnB	Colonie fine sandy loam, 1 to 6 percent slopes	4	7
Fo	Fonda mucky silt loam	7	2.5
GaB	Galen fine sandy loam, 2 to 6 percent slopes	3	37.4
HIA	Hilton loam, 0 to 3 percent slopes	2	16.1
HIB	Hilton loam, 3 to 8 percent slopes	2	154.6
Lf	Lamson mucky fine sandy loam	7	92.9
Mb	Madalin silt loam, sandy subsoil variant	7	18.1
Mf	Minoa fine sandy loam	5	11.5
Mr	Muck, deep	6	344.5
Ms	Muck, shallow	6	122.7
Na	Niagara fine sandy loam	4	41.9
Nc	Niagara and Canandaigua silt loams	6	12
OfB	Ontario fine sandy loam, 3 to 8 percent slopes	2	114
OfC	Ontario fine sandy loam, 8 to 15 percent slopes	5	102.4
OnB	Ontario loam, 3 to 8 percent slopes	2	266.3
OnC	Ontario loam, 8 to 15 percent slopes	5	257.6
OnD	Ontario loam, 14 to 20 percent slopes	6	174.2
OtE	Ontario, Honeoye, and Lansing soils, 20 to 35 percent slopes	8	130.2
OvB	Ovid silt loam, 2 to 6 percent slopes	5	1.1
PaB	Palmyra gravelly sandy loam, 3 to 8 percent slopes	2	7.8
PaC	Palmyra gravelly sandy loam, 8 to 15 percent slopes	5	11.8
PgB	Palmyra gravelly loam, 3 to 8 percent slopes	2	50.1
PgC	Palmyra gravelly loam, 8 to 15 percent slopes	5	81.5
PmD	Palmyra soils, 15 to 25 percent slopes	6	7.7
PnE	Palmyra, Howard, and Alton soils, 25 to 40 percent slopes	9	12.8
Pv	Phelps gravelly silt loam	2	6
RgB	Riga and Lairdsville silt loams, 2 to 6 percent slopes	4	13.3
RIC3	Riga and Lairdsville silty clay loams, 6 to 12 percent slopes, eroded	6	5.4
St	Stafford fine sandy loam	5	5.2
W	Water	0	1

Westwood

Surveying & Engineering

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300

Fax (952) 937-5822 Minnetonka, MN 55343

Toll Free (888) 937-5150 www.pc.com

Westwood Surveying and Engineering, P.C.

PREPARED FOR:

NEXTERA

ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT

Garnet Energy

Center

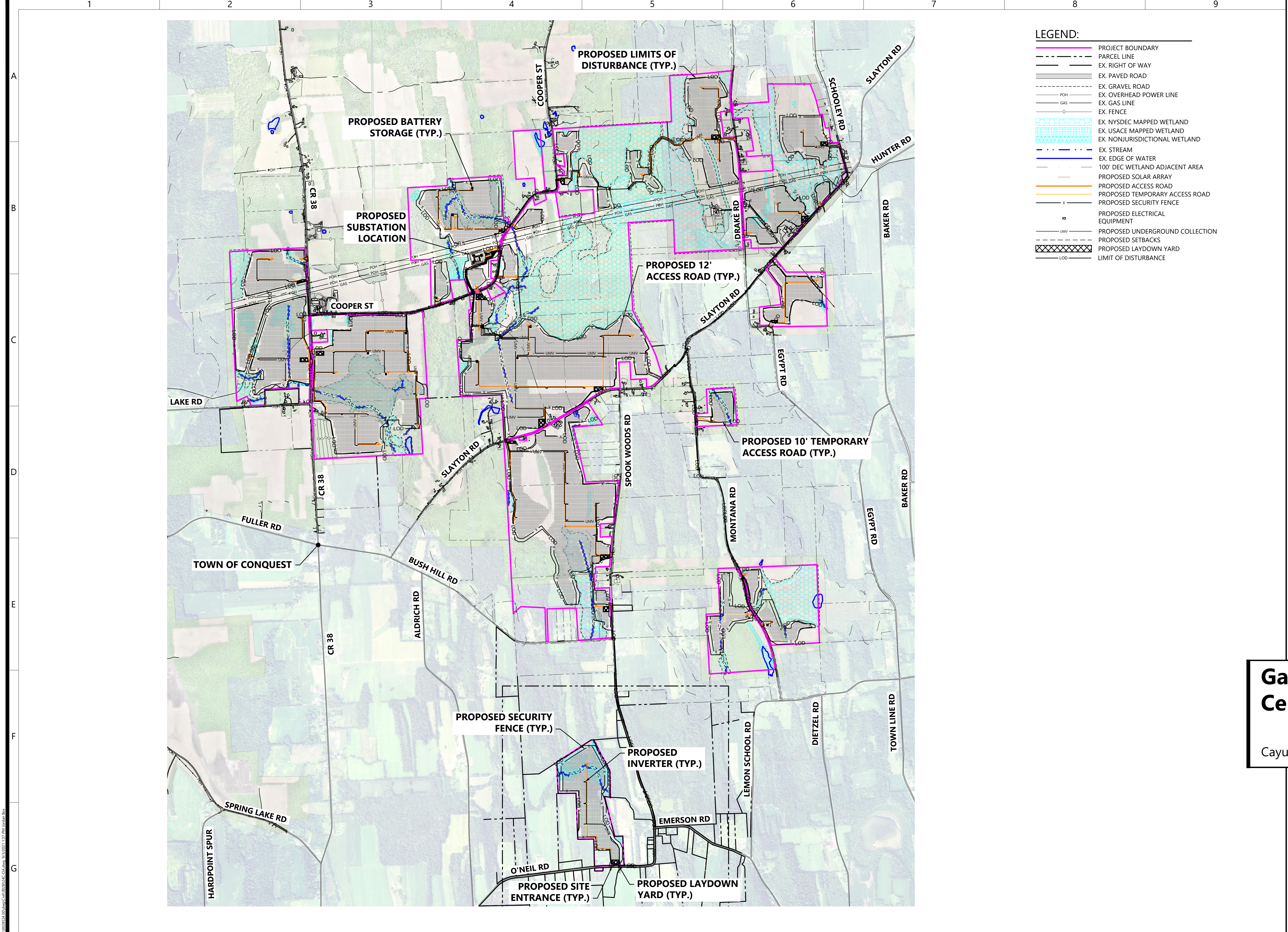
Cayuga County, New York

PRELIMINARY

NOT FOR CONSTRUCTION

DATE: 09/03/2021

SHEET: T.101



- LEGEND:
- PROJECT BOUNDARY
 - PARCEL LINE
 - EX. RIGHT OF WAY
 - EX. PAVED ROAD
 - EX. GRAVEL ROAD
 - EX. OVERHEAD POWER LINE
 - EX. GAS LINE
 - EX. FENCE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - 100' DEC WETLAND ADJACENT AREA
 - PROPOSED SOLAR ARRAY
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED ELECTRICAL EQUIPMENT
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED SETBACKS
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE

Westwood
Surveying & Engineering

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 www.pc.com
Westwood Surveying and Engineering, P.C.

PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT

Garnet Energy Center

Cayuga County, New York

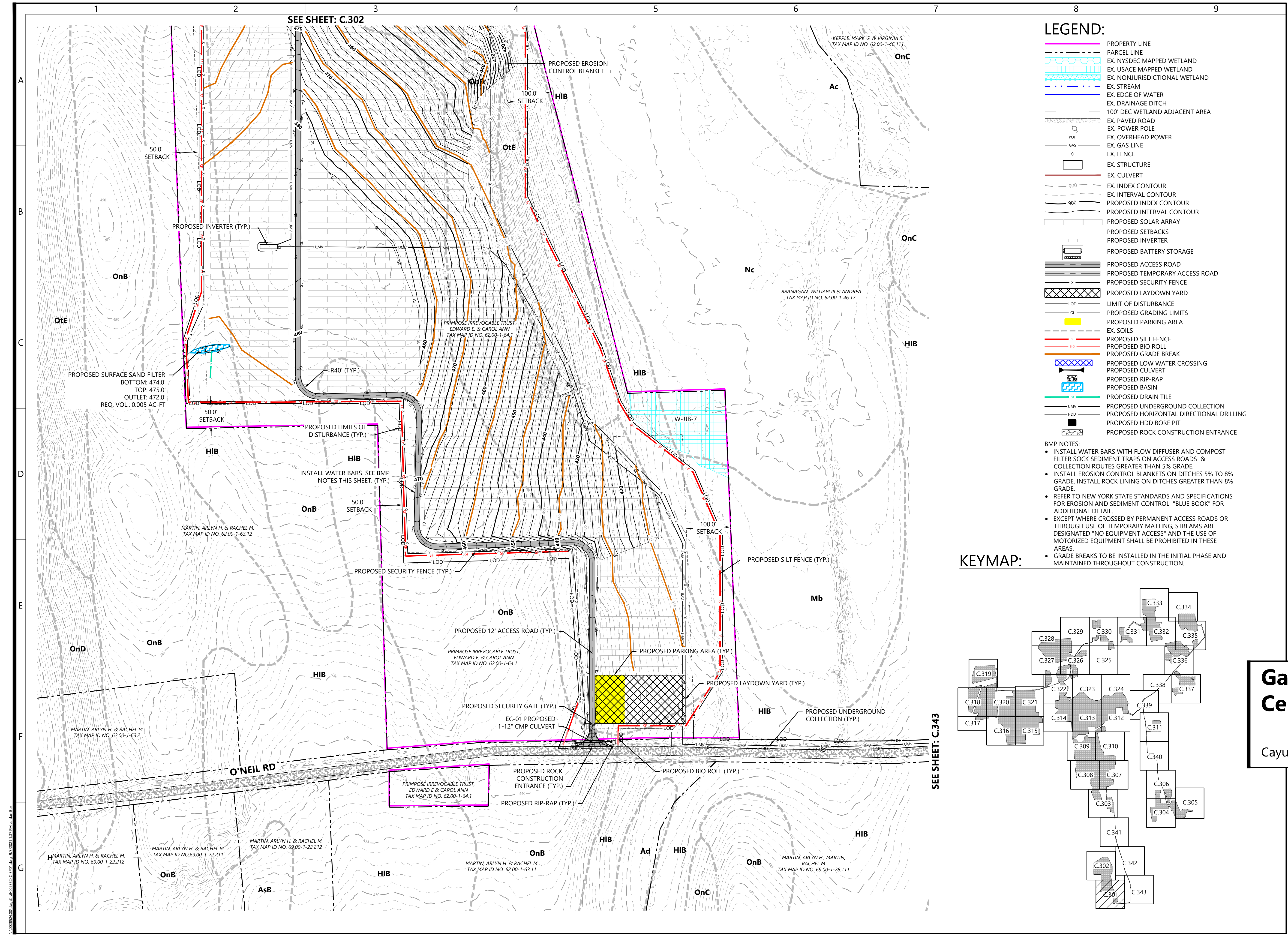
Overall Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

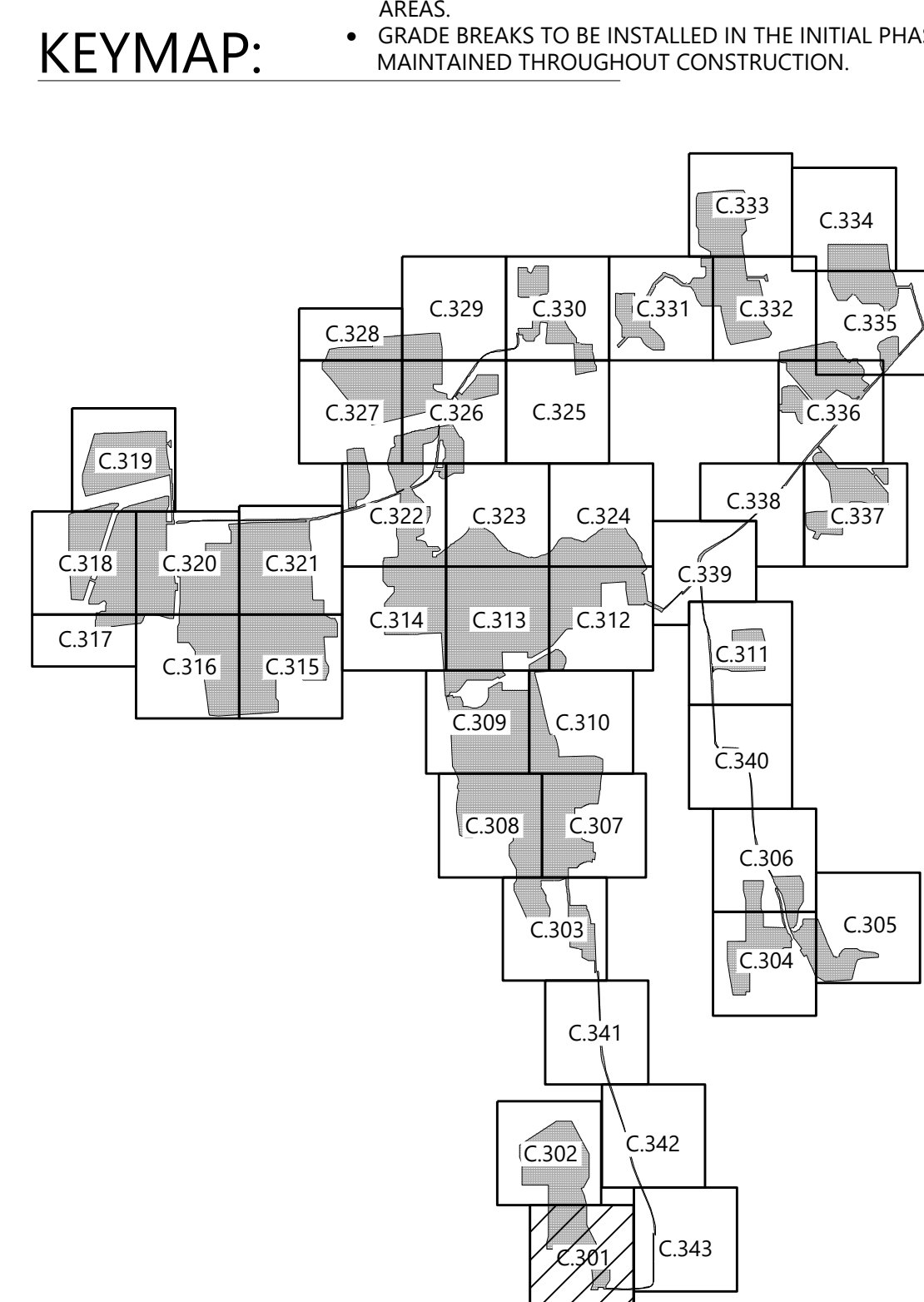
SHEET: C.200

\\002554-000\\wp\\Cadd\\002554-000\\002554-000.dwg 10/2/2021 1:57 PM JESSIE BOY



- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.



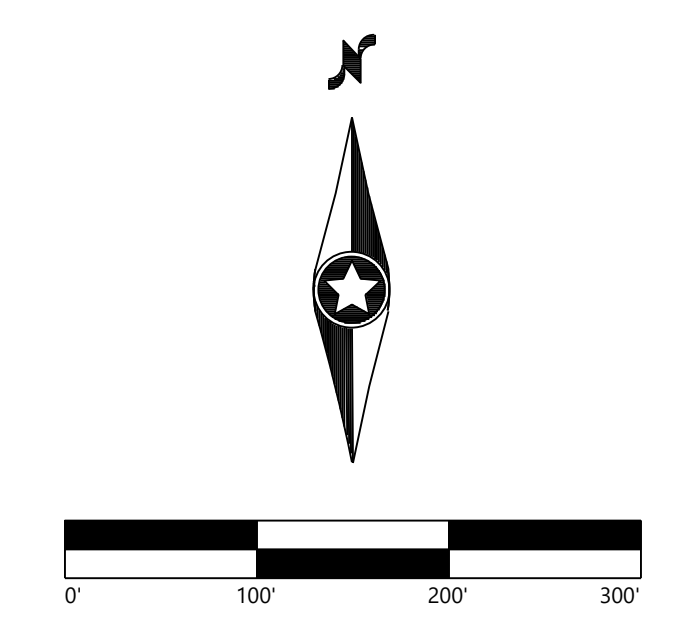
PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



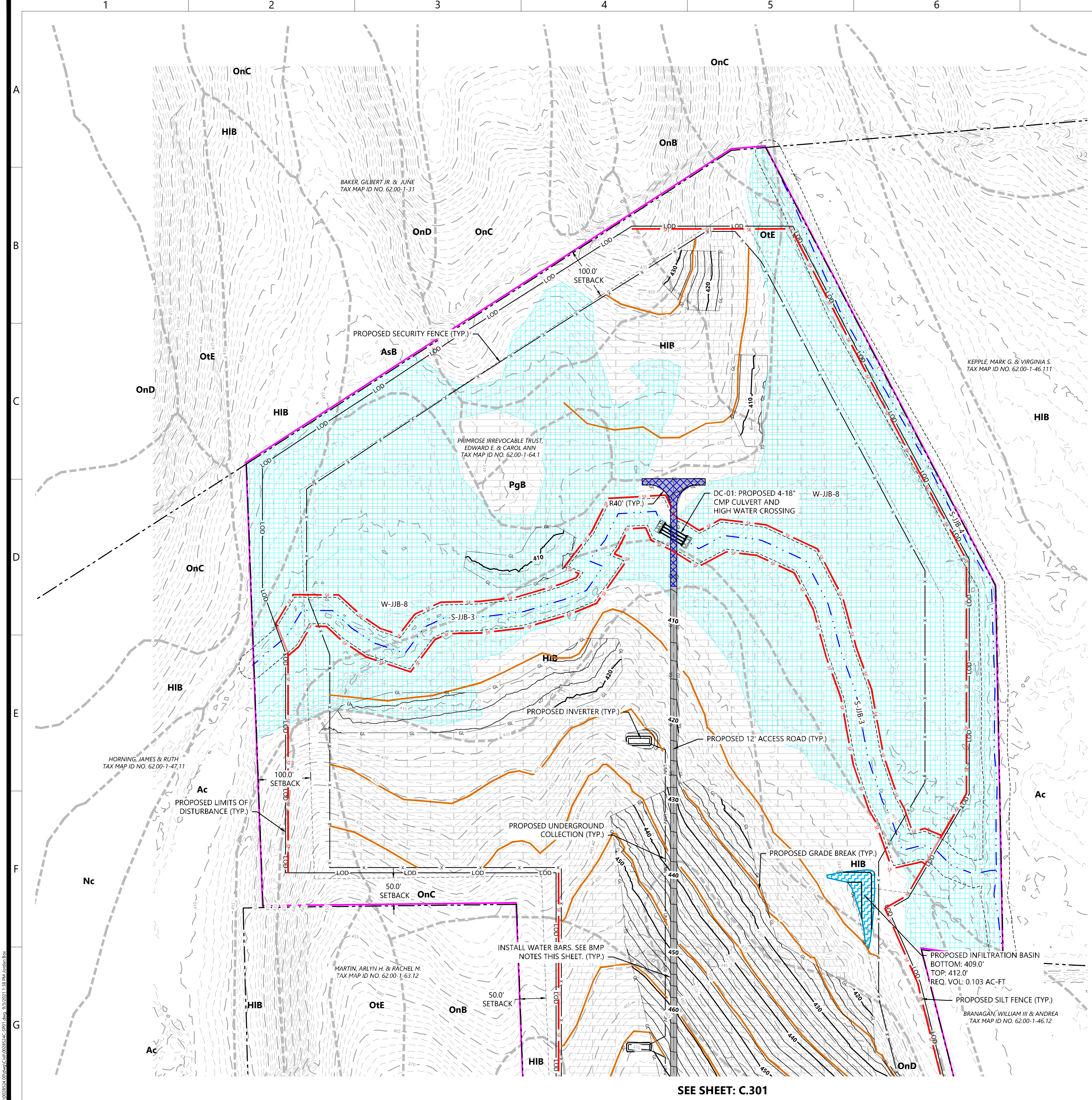
Garnet Energy Center

Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021
SHEET: C.301

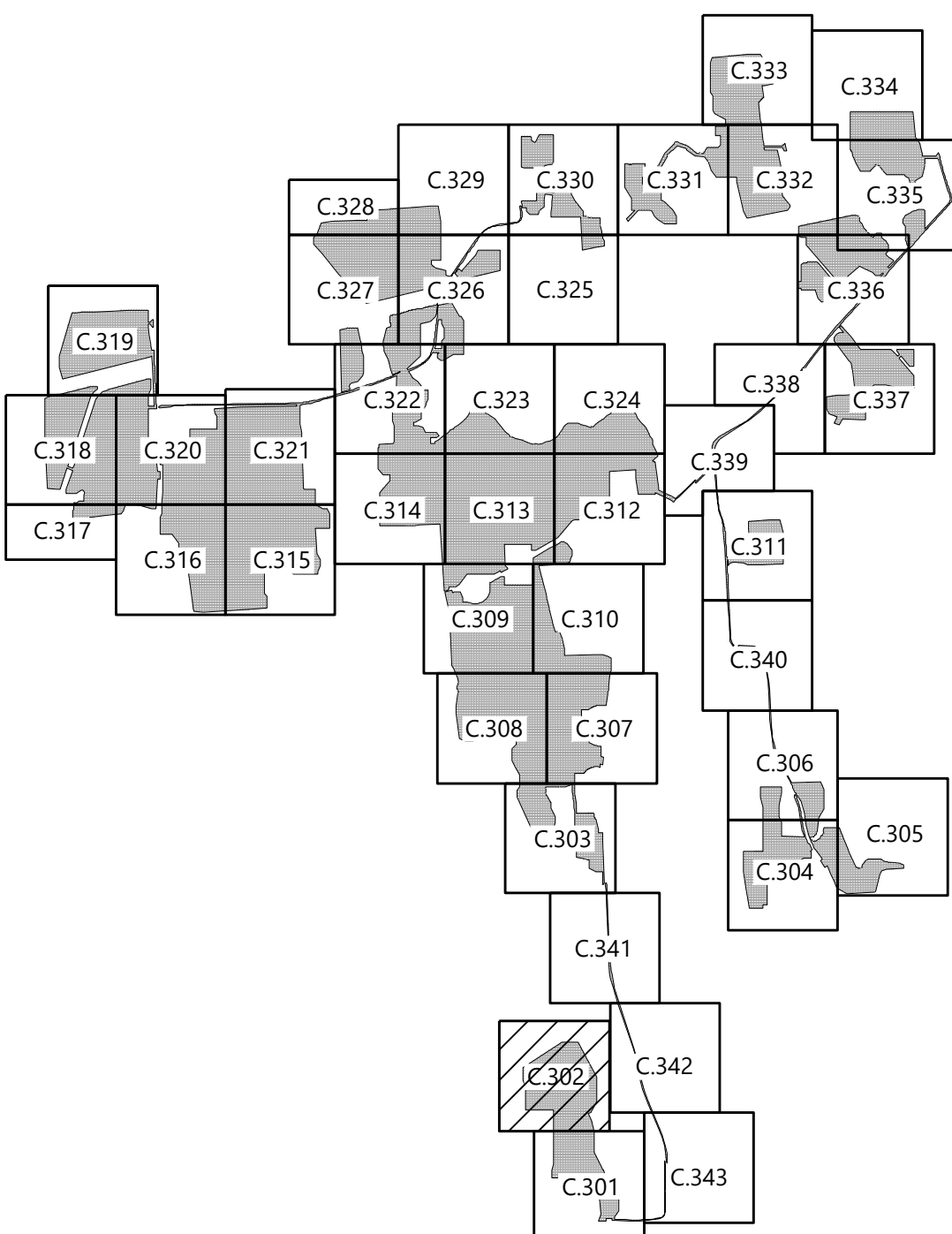


LEGEND:

- PROPERTY LINE
- PARCEL LINE
- EX. NYSDEC MAPPED WETLAND
- EX. USACE MAPPED WETLAND
- EX. NONJURISDICTIONAL WETLAND
- EX. STREAM
- EX. EDGE OF WATER
- EX. DRAINAGE DITCH
- 100' DEC WETLAND ADJACENT AREA
- EX. PAVED ROAD
- EX. POWER POLE
- EX. OVERHEAD POWER
- EX. GAS LINE
- EX. FENCE
- EX. STRUCTURE
- EX. CULVERT
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED SETBACKS
- PROPOSED INVERTER
- PROPOSED BATTERY STORAGE
- PROPOSED ACCESS ROAD
- PROPOSED TEMPORARY ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED LAYDOWN YARD
- LIMIT OF DISTURBANCE
- PROPOSED GRADING LIMITS
- PROPOSED PARKING AREA
- EX. SOILS
- PROPOSED SILT FENCE
- PROPOSED BIO ROLL
- PROPOSED GRADE BREAK
- PROPOSED LOW WATER CROSSING
- PROPOSED CULVERT
- PROPOSED RIP-RAP
- PROPOSED BASIN
- PROPOSED DRAIN TILE
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED HORIZONTAL DIRECTIONAL DRILLING
- PROPOSED HDD BORE PIT
- PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

KEYMAP:



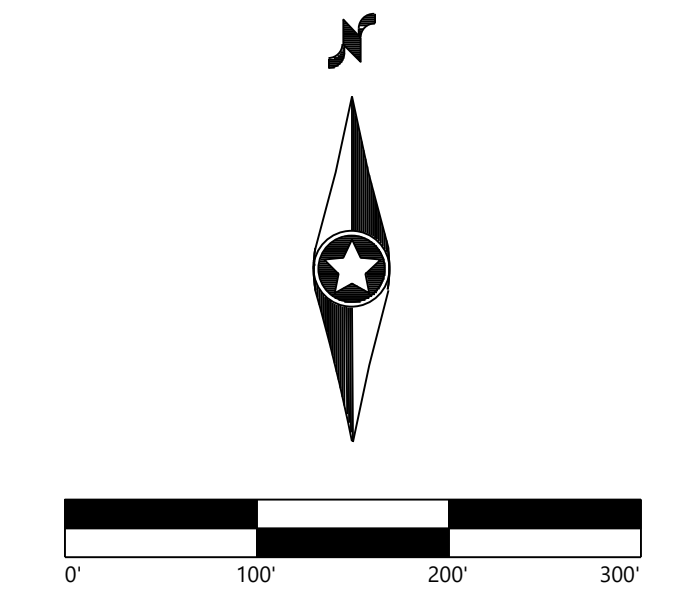
PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

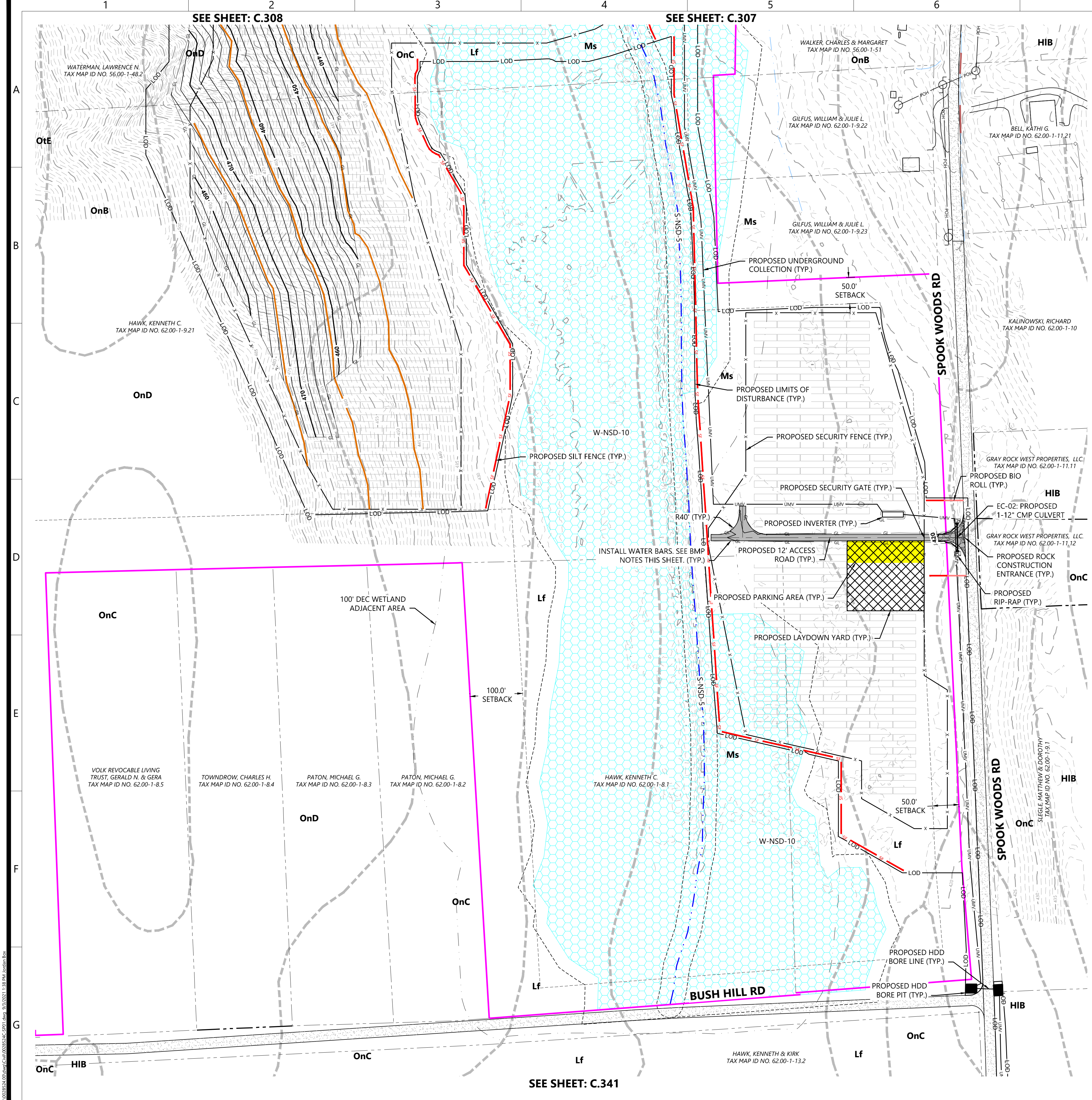
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

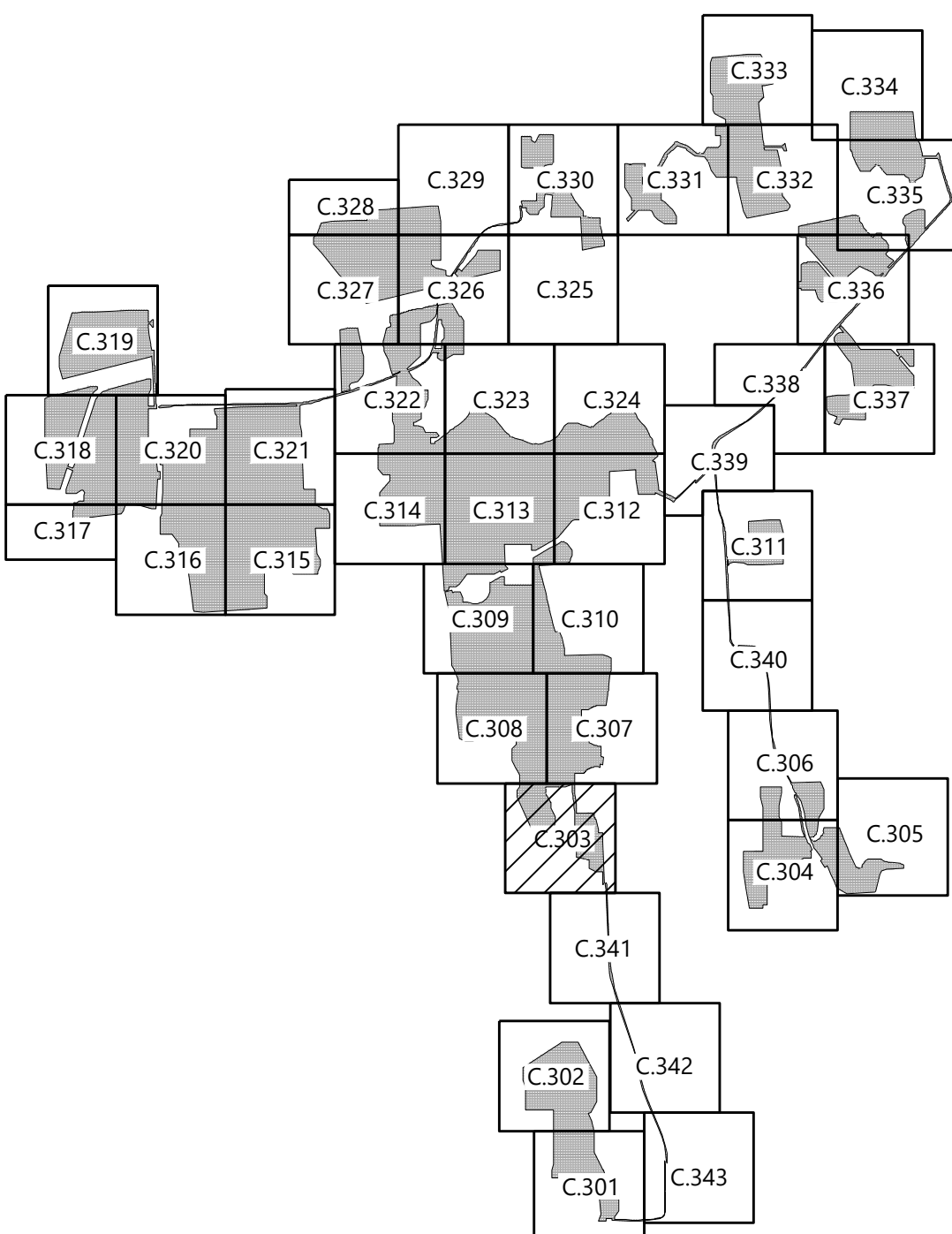
SHEET: C.302



- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

KEYMAP:



Westwood
Surveying & Engineering
Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 www.pc.com
Westwood Surveying and Engineering, P.C.

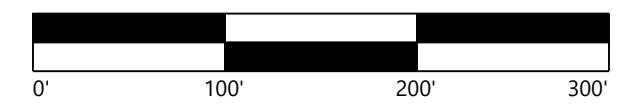
PREPARED FOR:



700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

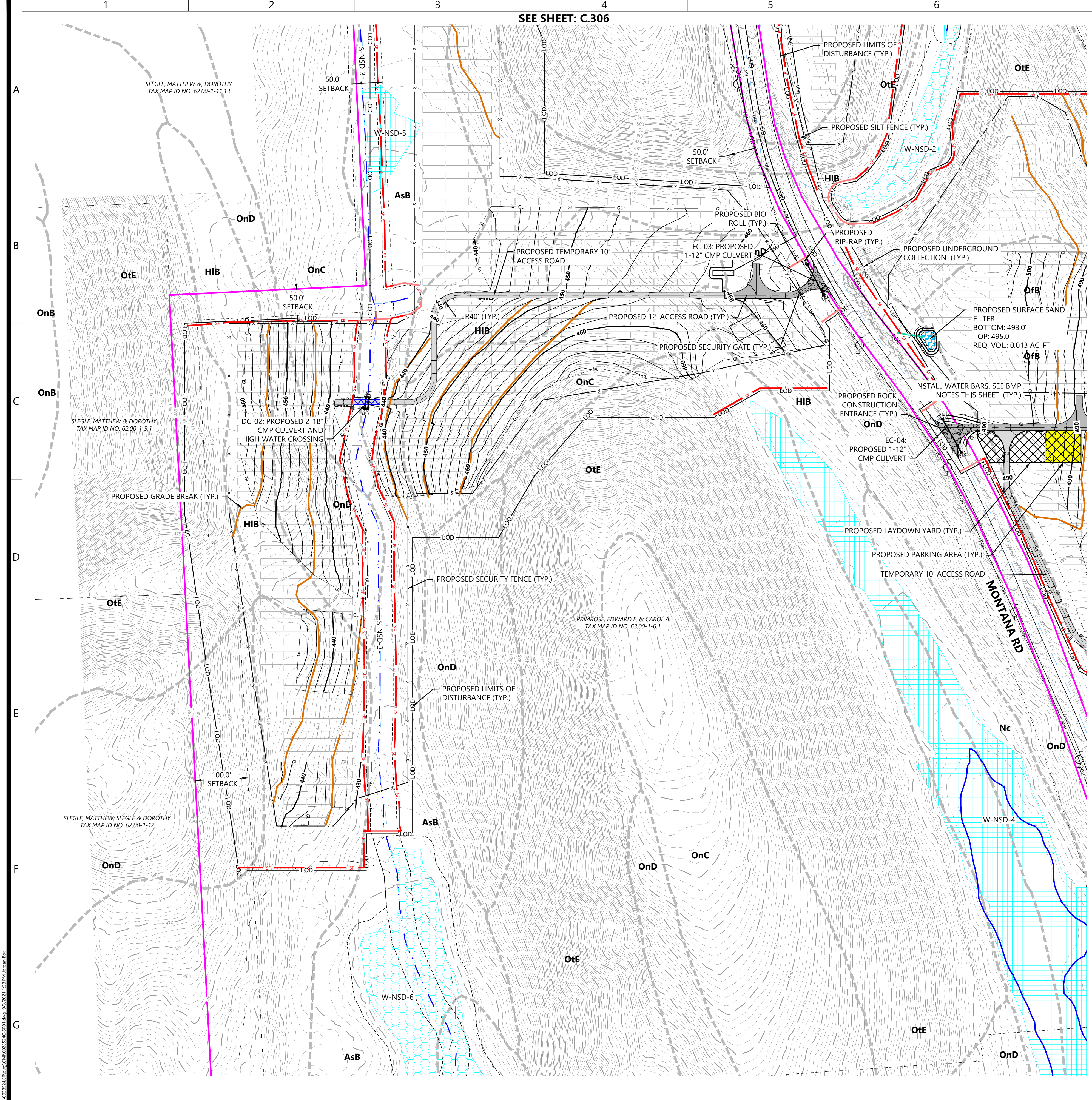
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

SHEET: C.303

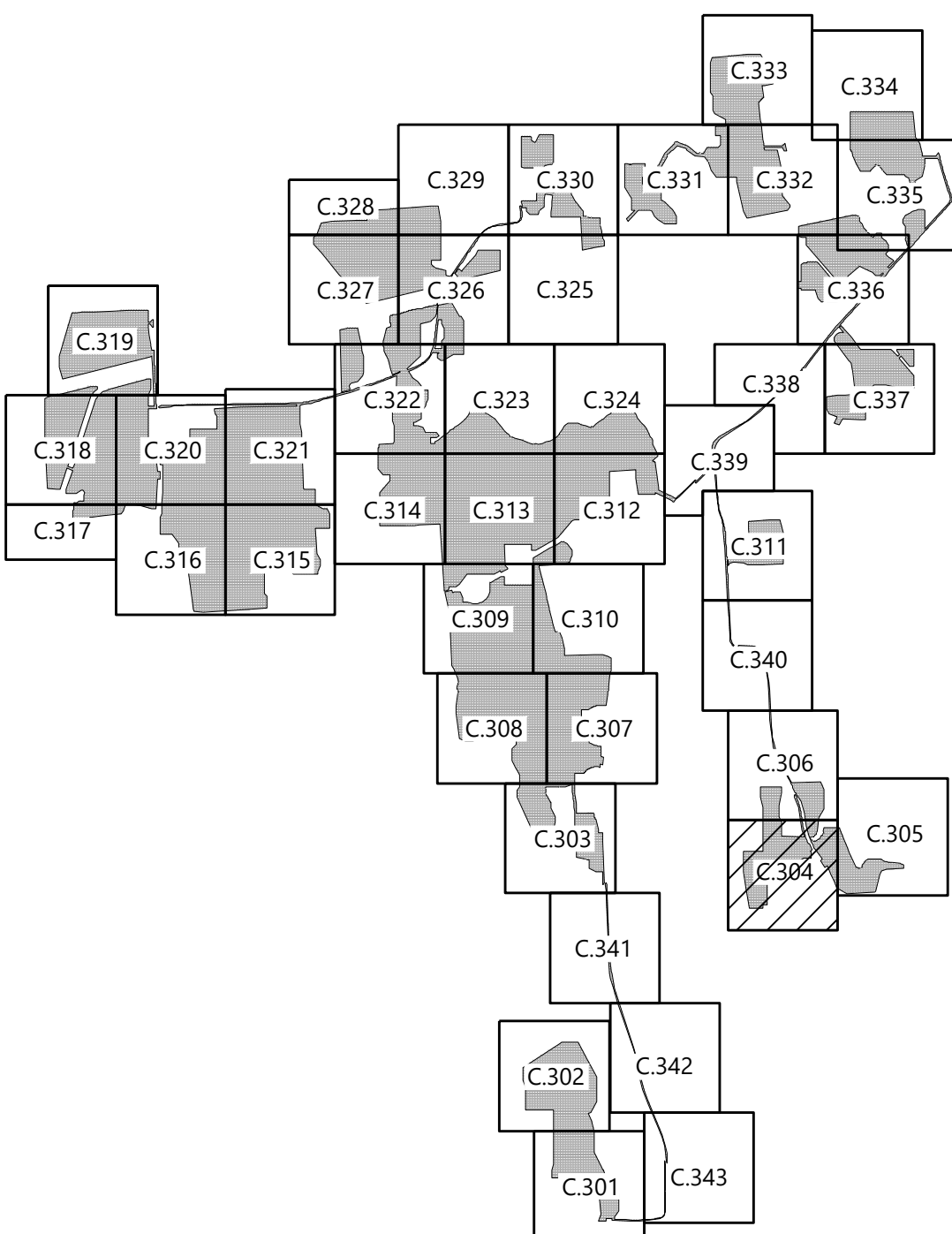


LEGEND:

- PROPERTY LINE
- PARCEL LINE
- EX. NYSDEC MAPPED WETLAND
- EX. USACE MAPPED WETLAND
- EX. NONJURISDICTIONAL WETLAND
- EX. STREAM
- EX. EDGE OF WATER
- EX. DRAINAGE DITCH
- 100' DEC WETLAND ADJACENT AREA
- EX. PAVED ROAD
- EX. POWER POLE
- EX. OVERHEAD POWER
- EX. GAS LINE
- EX. FENCE
- EX. STRUCTURE
- EX. CULVERT
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED SETBACKS
- PROPOSED INVERTER
- PROPOSED BATTERY STORAGE
- PROPOSED ACCESS ROAD
- PROPOSED TEMPORARY ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED LAYDOWN YARD
- LIMIT OF DISTURBANCE
- PROPOSED GRADING LIMITS
- PROPOSED PARKING AREA
- EX. SOILS
- PROPOSED SILT FENCE
- PROPOSED BIO ROLL
- PROPOSED GRADE BREAK
- PROPOSED LOW WATER CROSSING
- PROPOSED CULVERT
- PROPOSED RIP-RAP
- PROPOSED BASIN
- PROPOSED DRAIN TILE
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED HORIZONTAL DIRECTIONAL DRILLING
- PROPOSED HDD BORE PIT
- PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

KEYMAP:



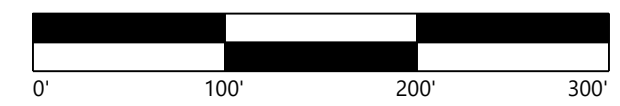
PREPARED FOR:



700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

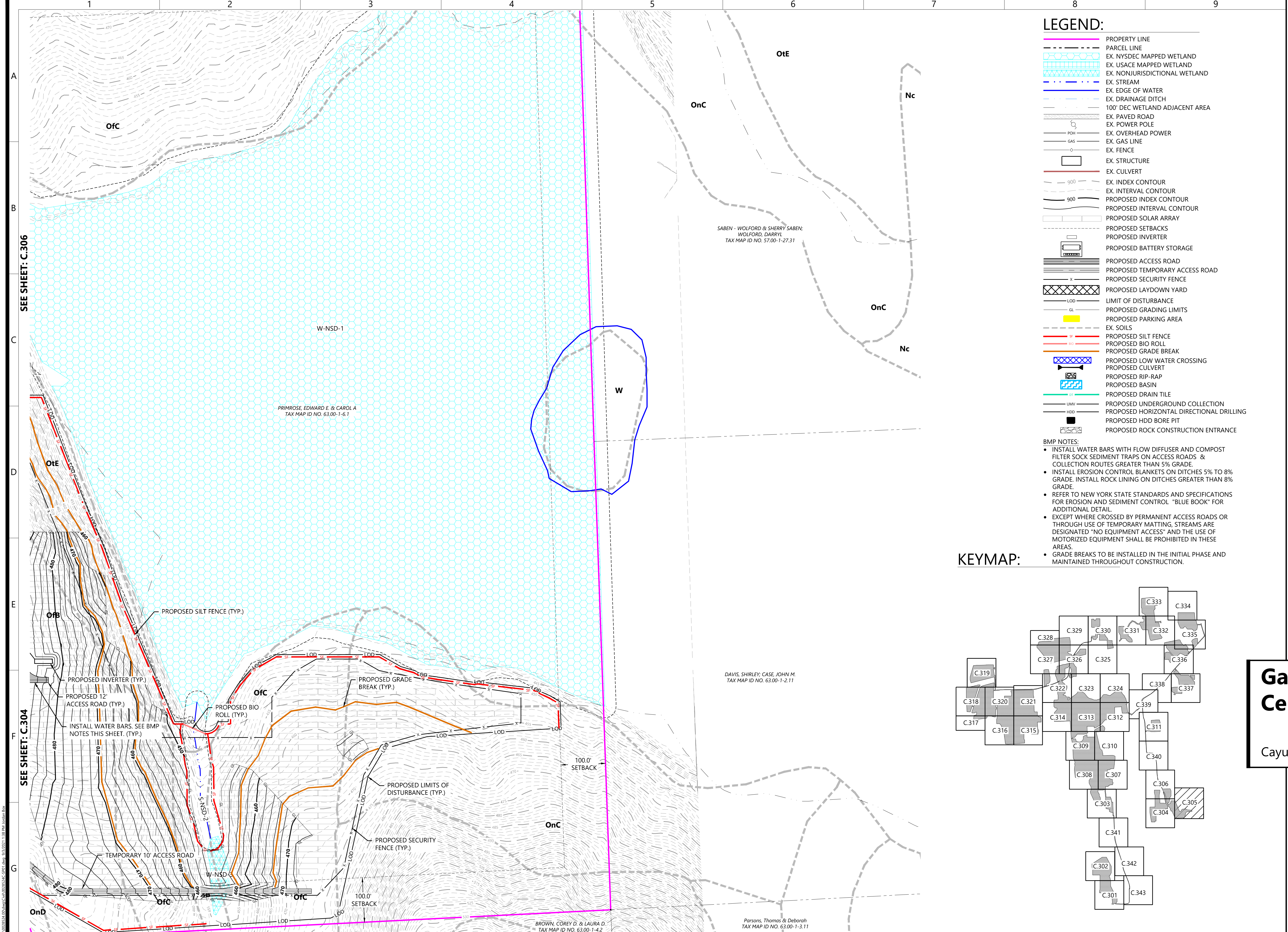
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

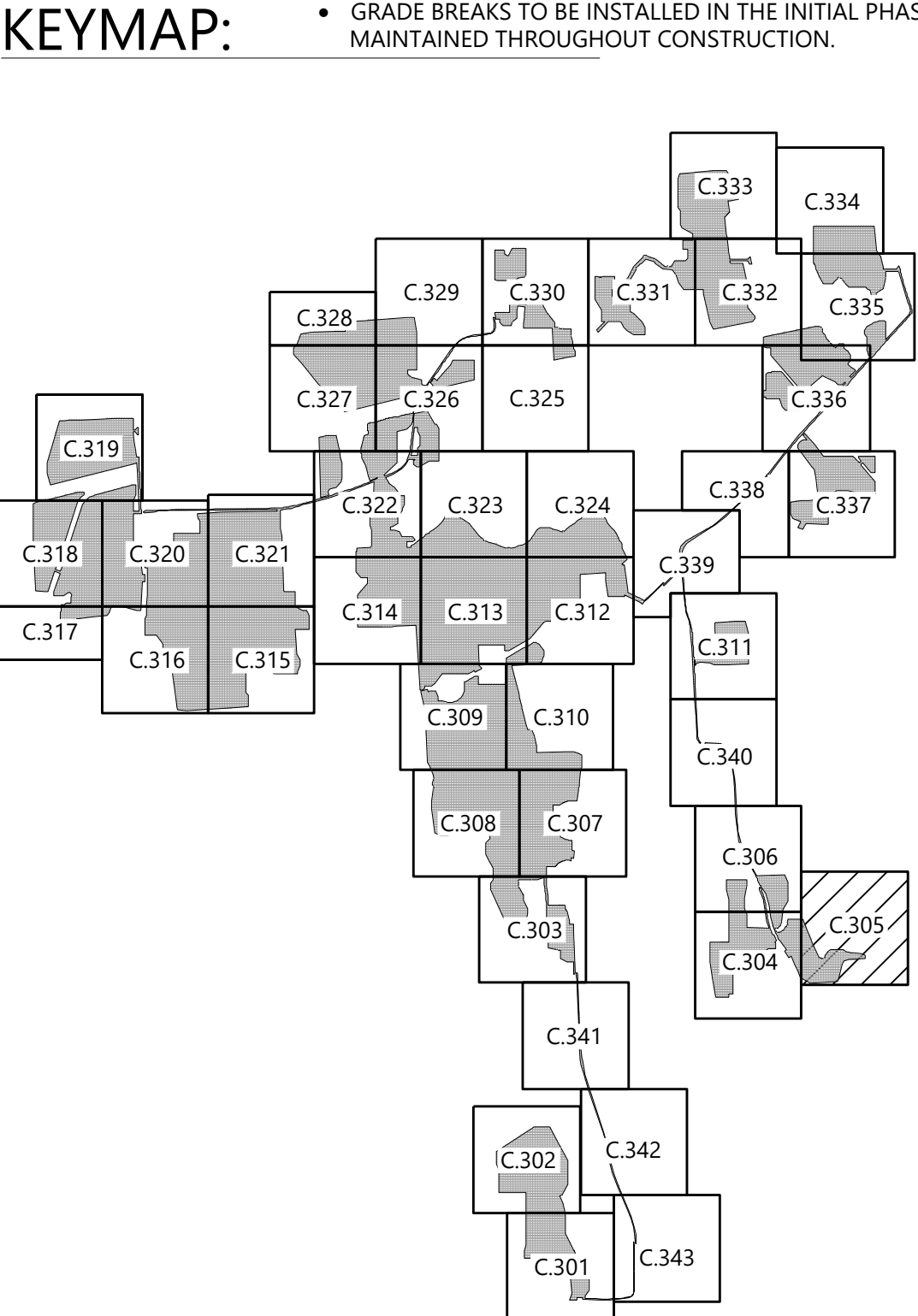
DATE: 09/03/2021

SHEET: C.304



- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.



Westwood
Surveying & Engineering

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 www.pc.com
Westwood Surveying and Engineering, P.C.

PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT

Garnet Energy Center

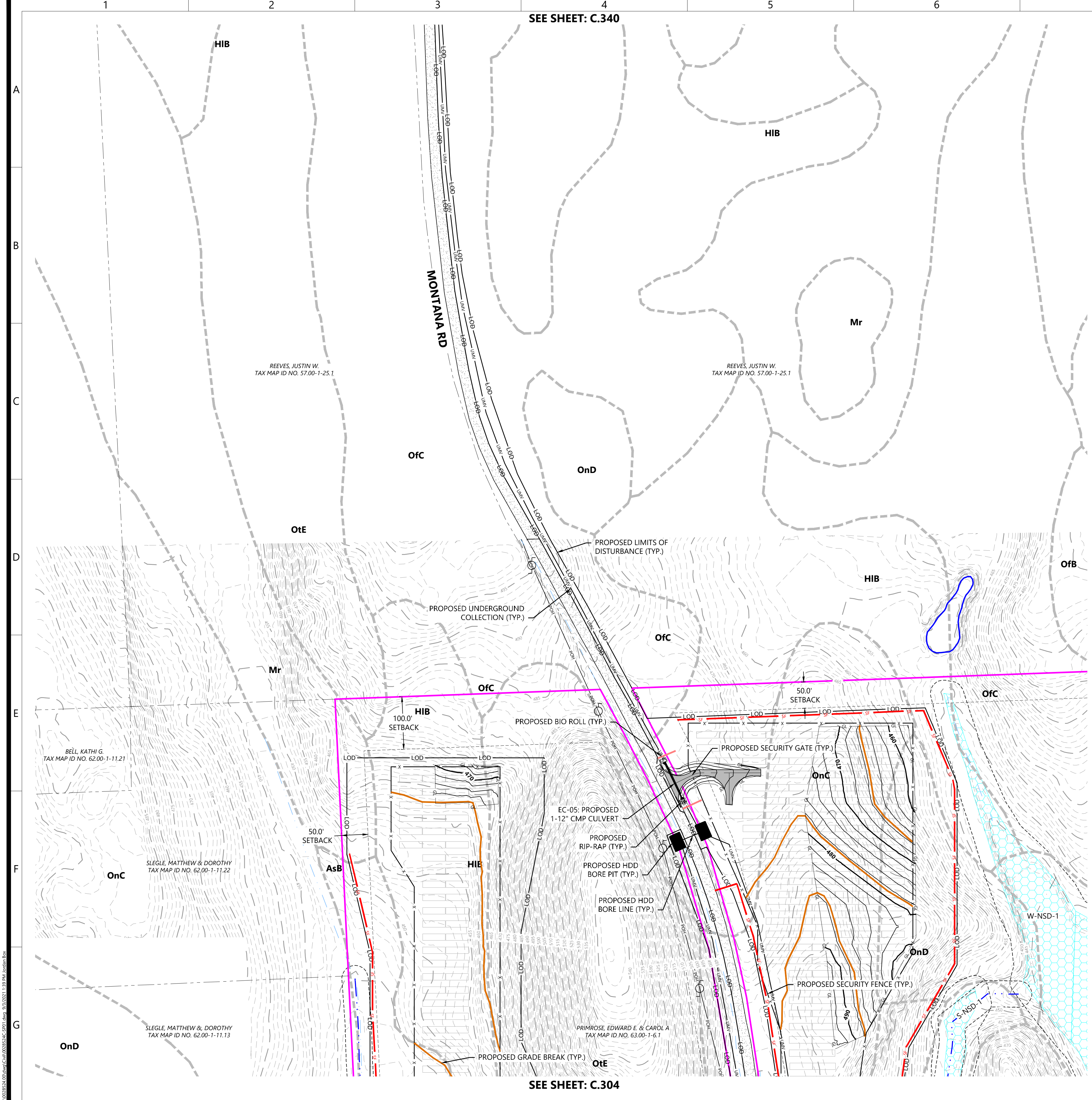
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

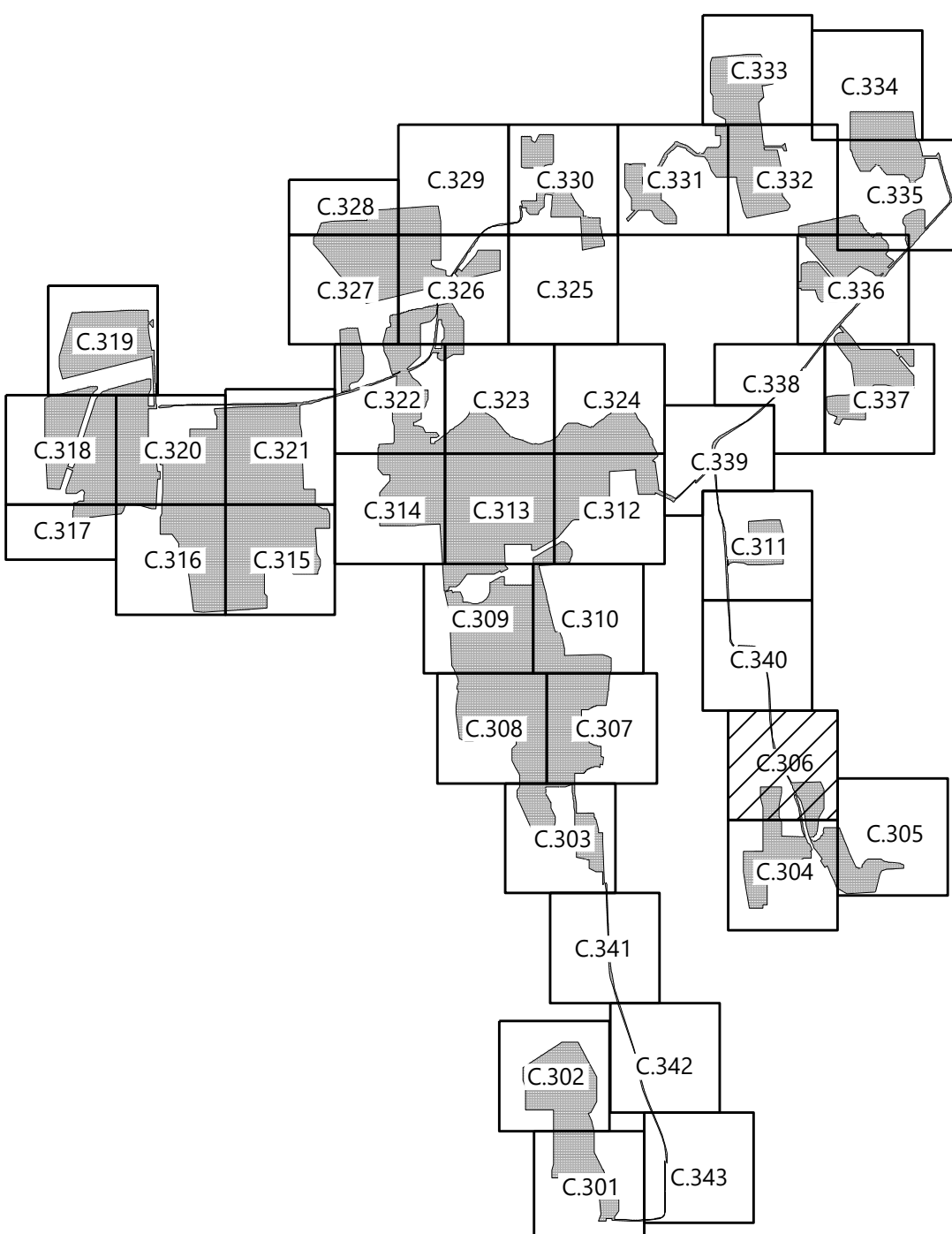
SHEET: C.305



- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

KEYMAP:



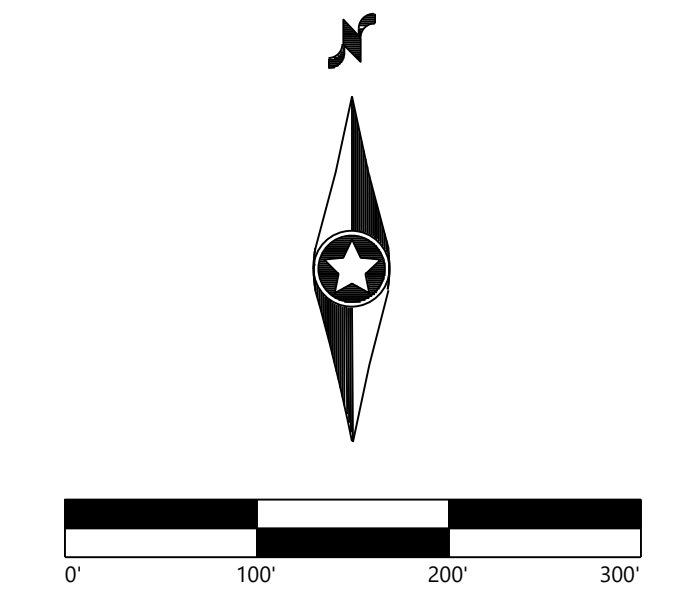
PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

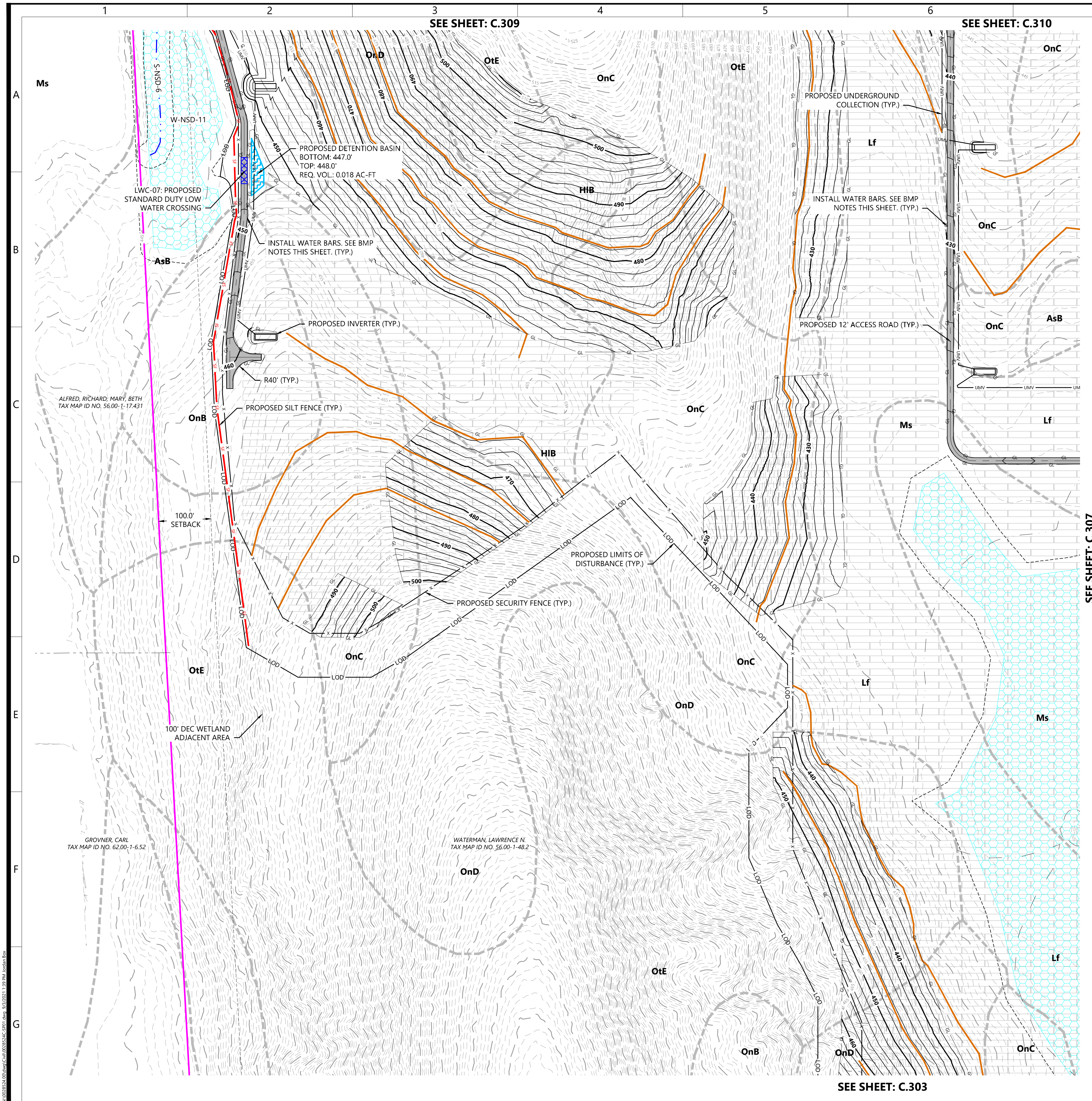
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

SHEET: C.306

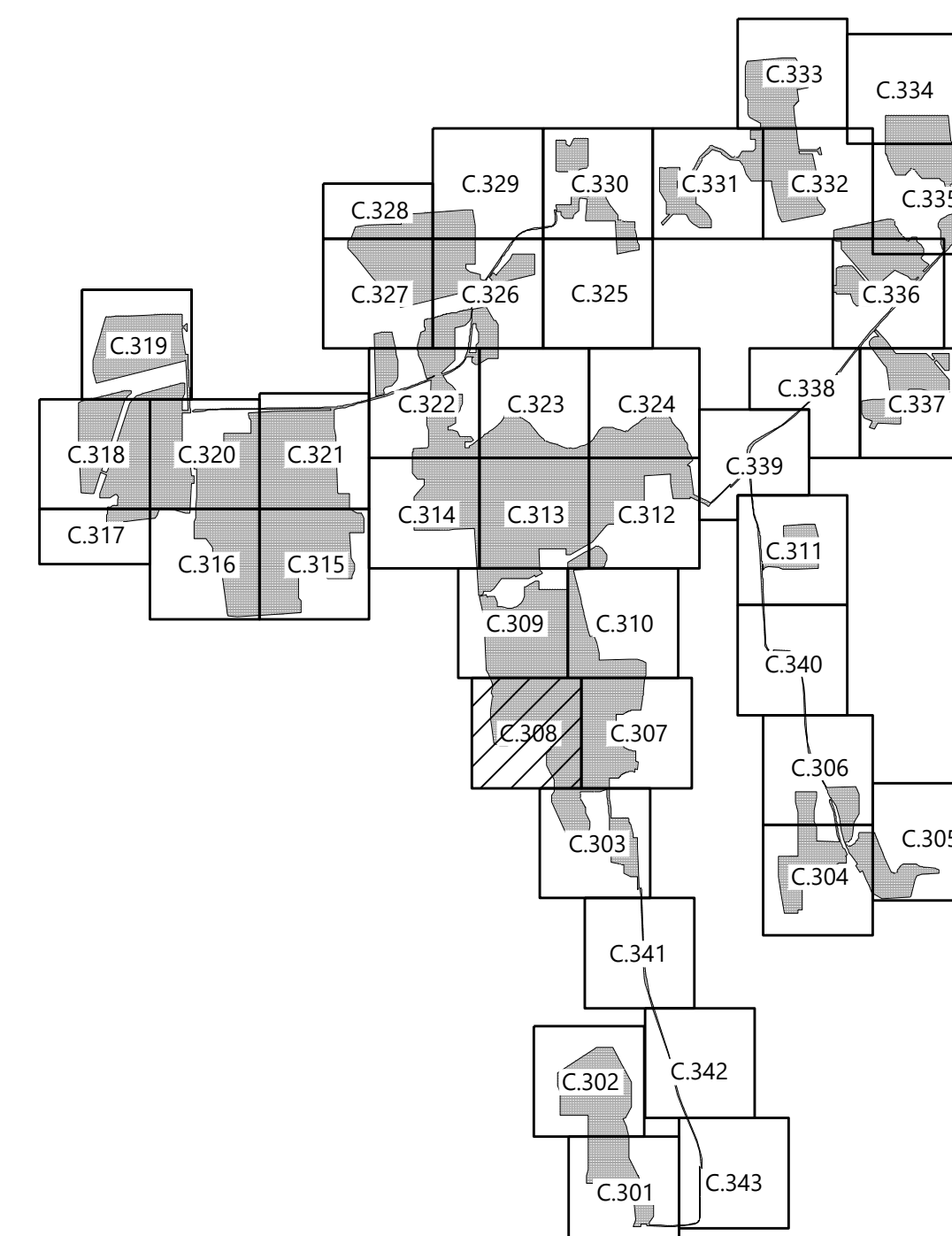


LEGEND:

- | | |
|--|--|
| | PROPERTY LINE |
| | PARCEL LINE |
| | EX. NYSDEC MAPPED WETLAND |
| | EX. USACE MAPPED WETLAND |
| | EX. NONJURISDICTIONAL WETLAND |
| | EX. STREAM |
| | EX. EDGE OF WATER |
| | EX. DRAINAGE DITCH |
| | 100' DEC WETLAND ADJACENT AREA |
| | EX. PAVED ROAD |
| | EX. POWER POLE |
| | EX. OVERHEAD POWER |
| | EX. GAS LINE |
| | EX. FENCE |
| | EX. STRUCTURE |
| | EX. CULVERT |
| | EX. INDEX CONTOUR |
| | EX. INTERVAL CONTOUR |
| | PROPOSED INDEX CONTOUR |
| | PROPOSED INTERVAL CONTOUR |
| | PROPOSED SOLAR ARRAY |
| | PROPOSED SETBACKS |
| | PROPOSED INVERTER |
| | PROPOSED BATTERY STORAGE |
| | PROPOSED ACCESS ROAD |
| | PROPOSED TEMPORARY ACCESS ROAD |
| | PROPOSED SECURITY FENCE |
| | PROPOSED LAYDOWN YARD |
| | LIMIT OF DISTURBANCE |
| | PROPOSED GRADING LIMITS |
| | PROPOSED PARKING AREA |
| | EX. SOILS |
| | PROPOSED SILT FENCE |
| | PROPOSED BIO ROLL |
| | PROPOSED GRADE BREAK |
| | PROPOSED LOW WATER CROSSING |
| | PROPOSED CULVERT |
| | PROPOSED RIP-RAP |
| | PROPOSED BASIN |
| | PROPOSED DRAIN TILE |
| | PROPOSED UNDERGROUND COLLECTION |
| | PROPOSED HORIZONTAL DIRECTIONAL DRILLING |
| | PROPOSED HDD BORE PIT |
| | PROPOSED ROCK CONSTRUCTION ENTRANCE |

BMP NOTES:

- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
- INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
- REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
- EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
- GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.



Westwood
Surveying & Engineering

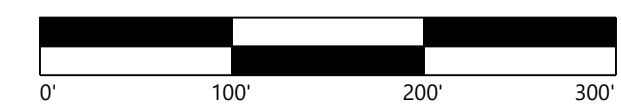
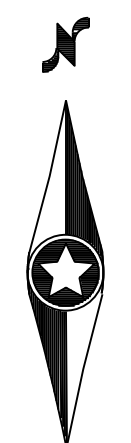
Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 ww-pc.com
Westwood Surveying and Engineering, P.C.



700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT
*		
*		
*		
*		



Garnet Energy Center

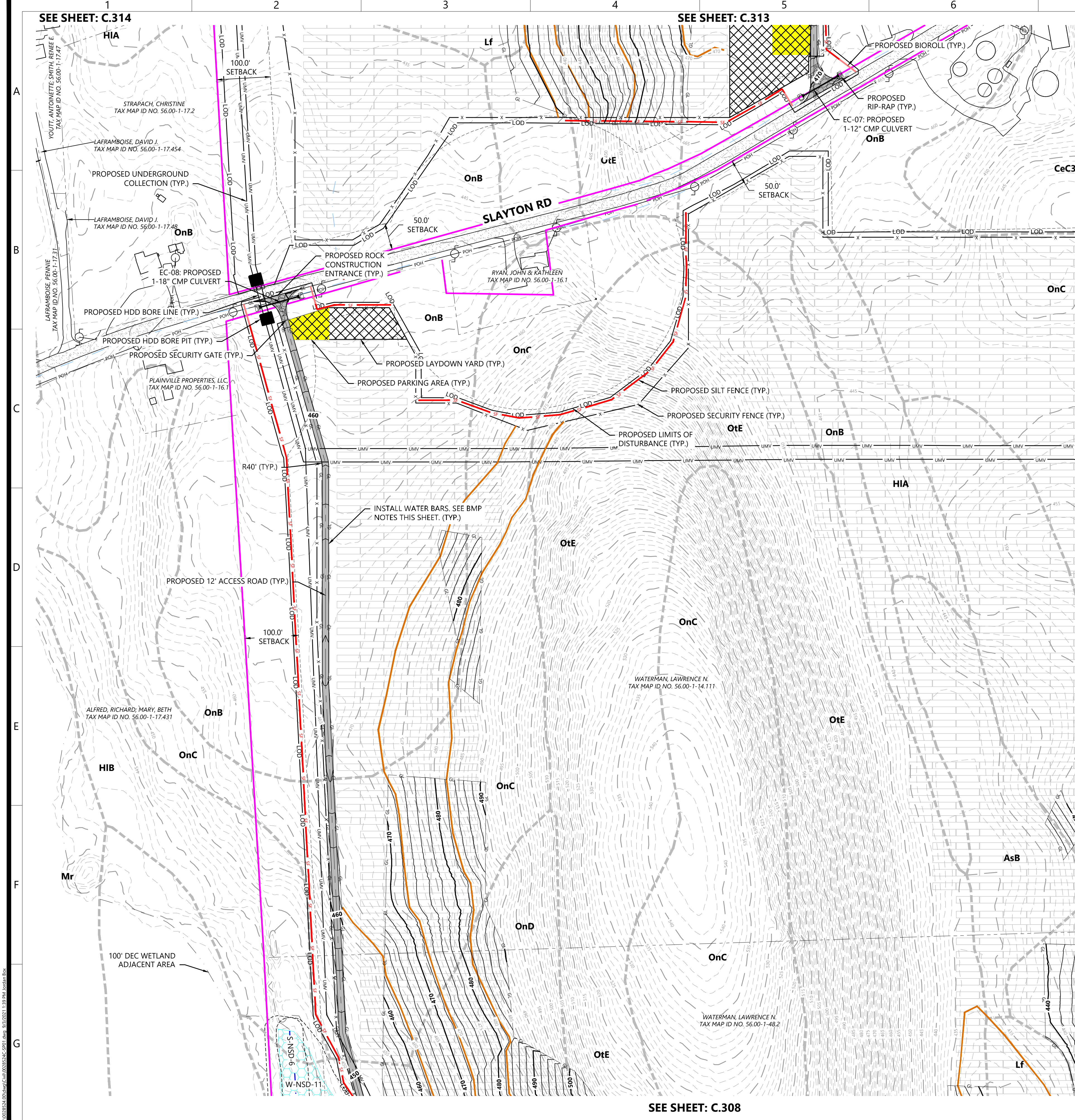
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

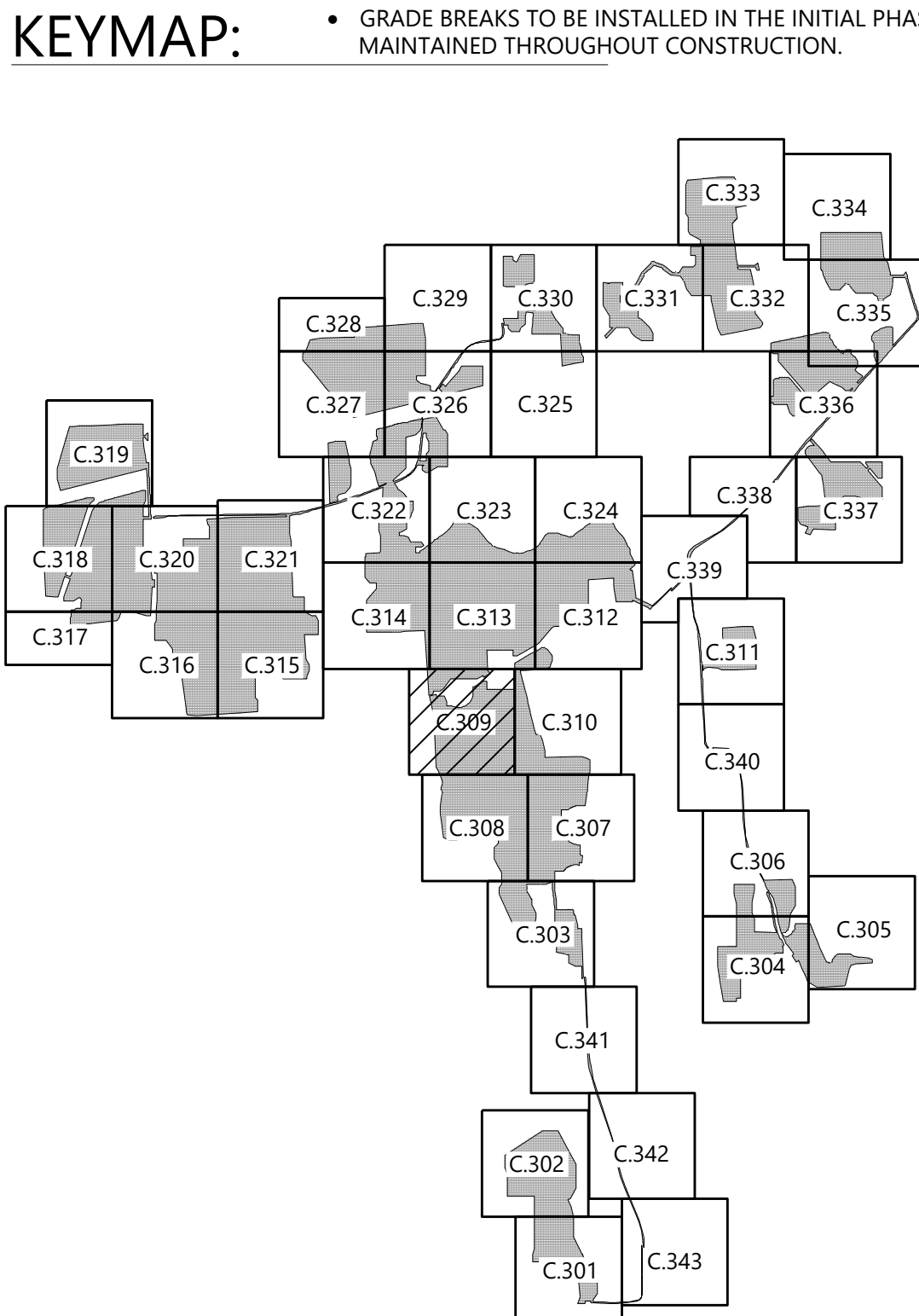
DATE: 09/03/2021

SHEET: C.308



- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

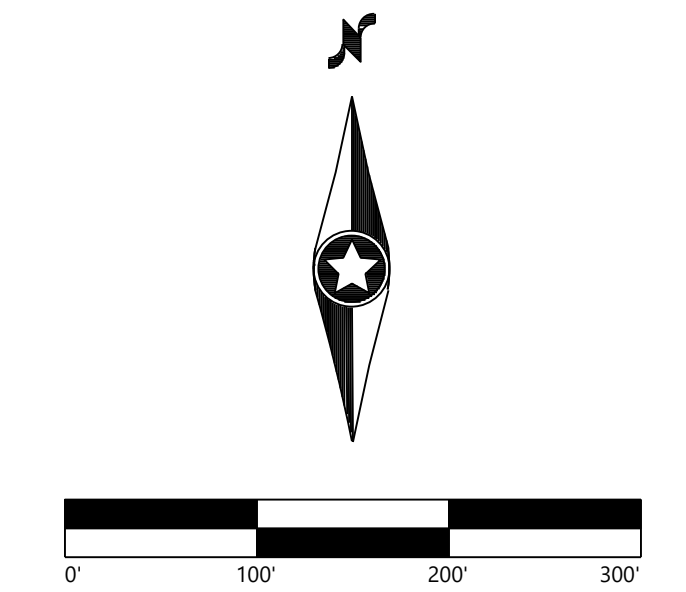


PREPARED FOR:

NEXTERA ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:		
#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

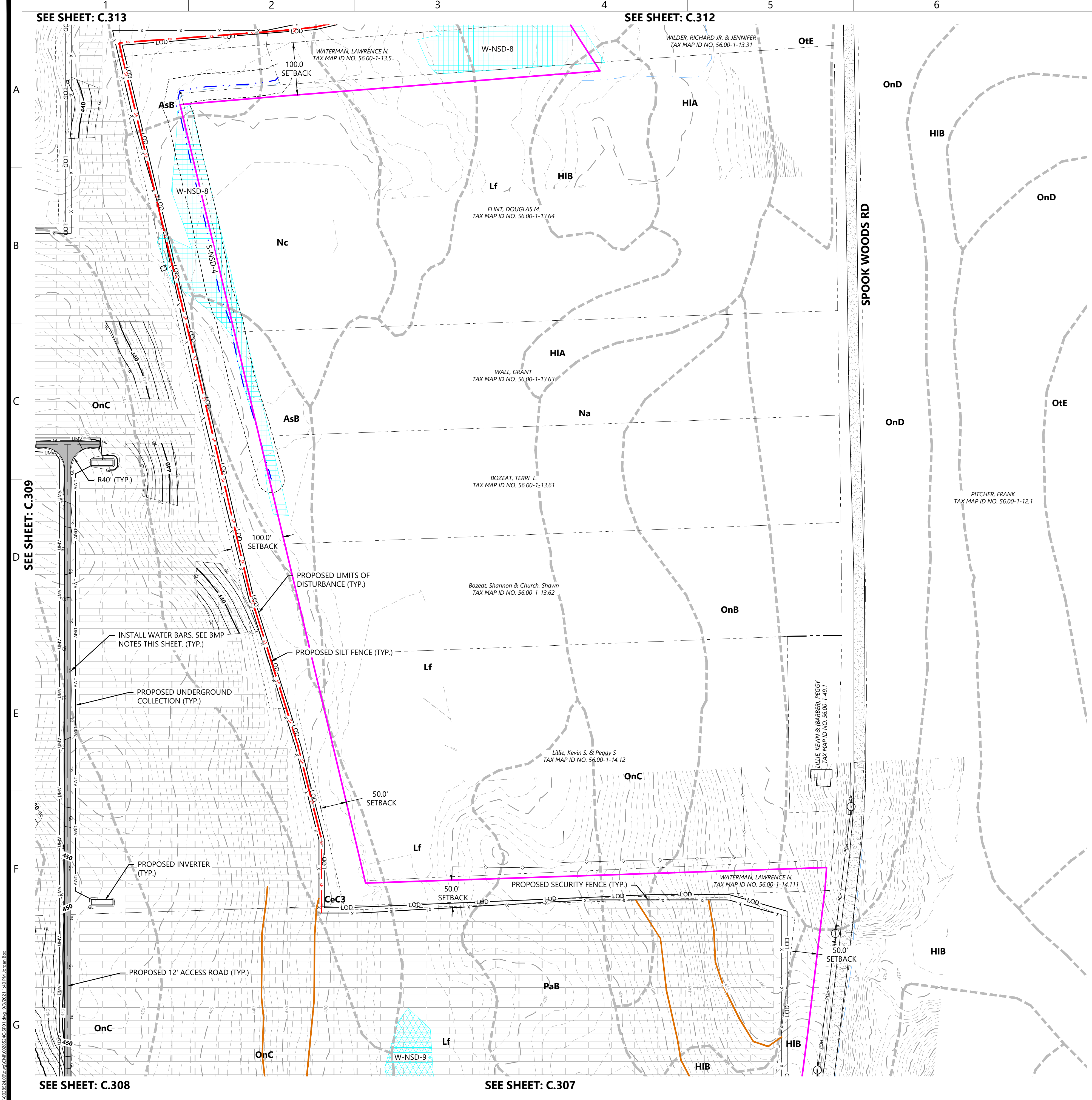
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

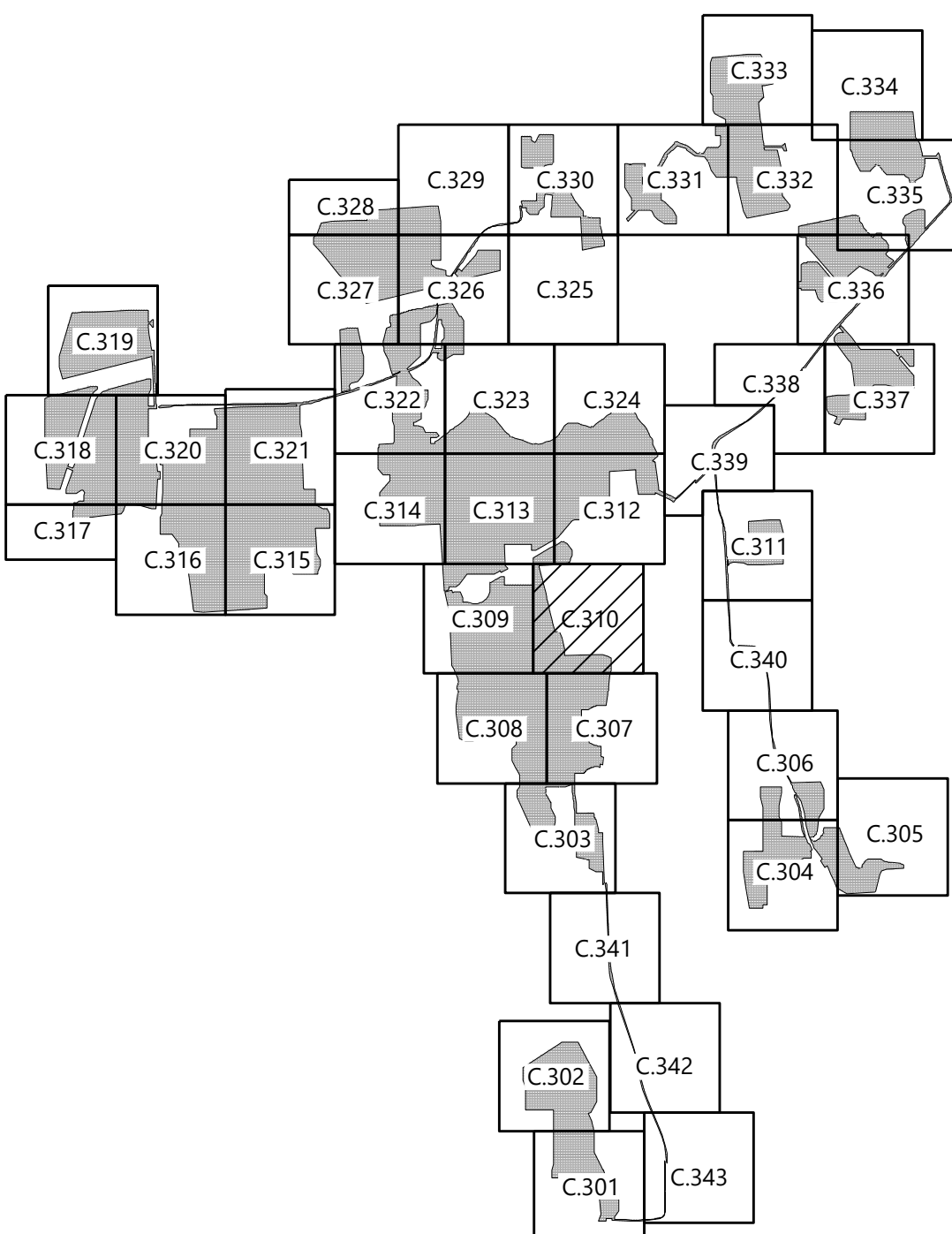
SHEET: C.309



- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

KEYMAP:



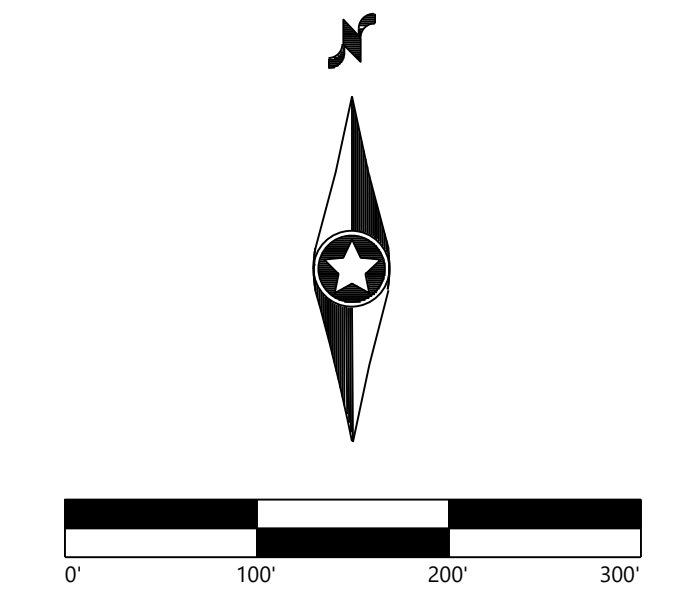
PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021
SHEET: C.310

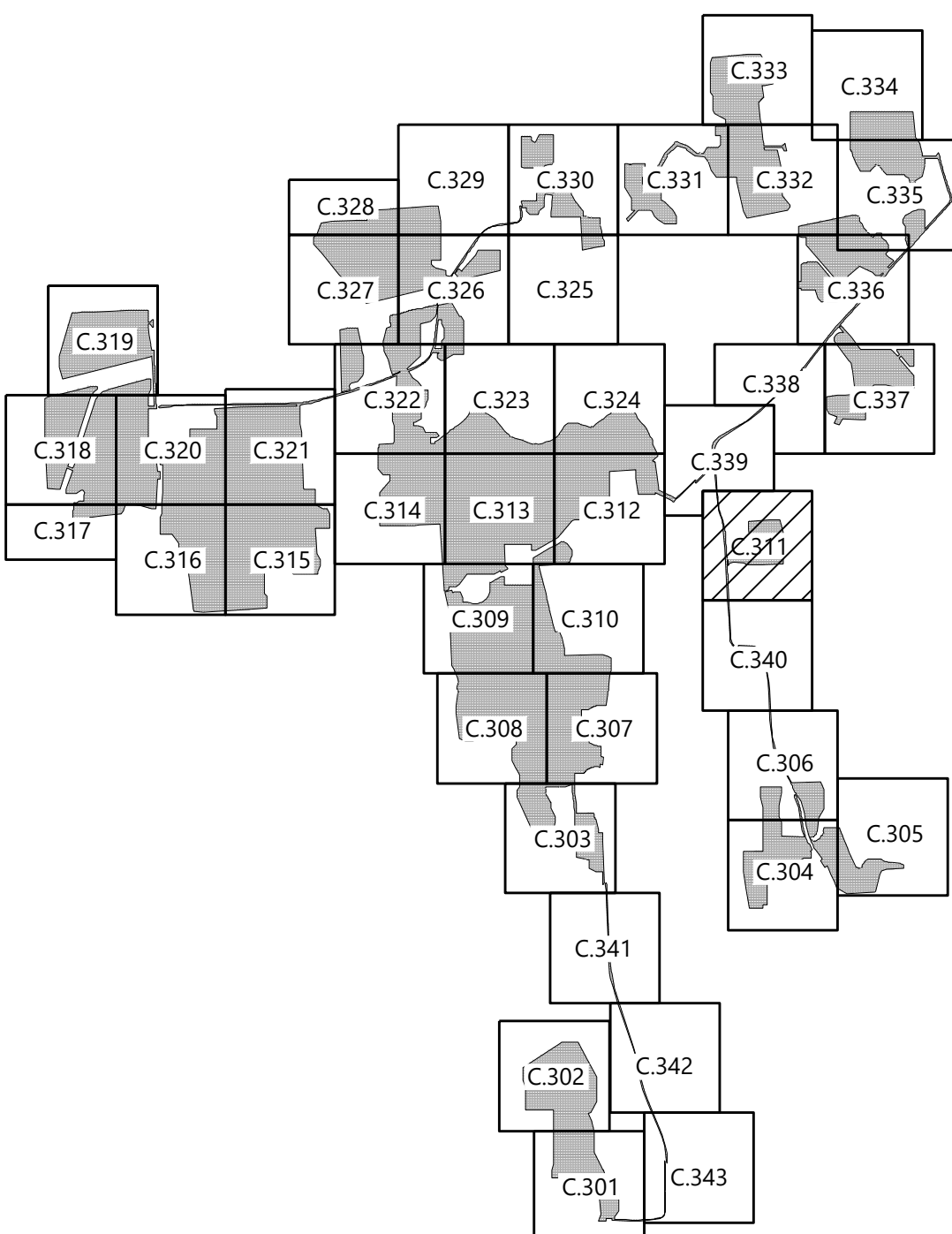


LEGEND:

- PROPERTY LINE
- PARCEL LINE
- EX. NYSDEC MAPPED WETLAND
- EX. USACE MAPPED WETLAND
- EX. NONJURISDICTIONAL WETLAND
- EX. STREAM
- EX. EDGE OF WATER
- EX. DRAINAGE DITCH
- 100' DEC WETLAND ADJACENT AREA
- EX. PAVED ROAD
- EX. POWER POLE
- EX. GAS LINE
- EX. FENCE
- EX. STRUCTURE
- EX. CULVERT
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED SETBACKS
- PROPOSED INVERTER
- PROPOSED BATTERY STORAGE
- PROPOSED ACCESS ROAD
- PROPOSED TEMPORARY ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED LAYDOWN YARD
- LIMIT OF DISTURBANCE
- PROPOSED GRADING LIMITS
- PROPOSED PARKING AREA
- EX. SOILS
- PROPOSED SILT FENCE
- PROPOSED BIO ROLL
- PROPOSED GRADE BREAK
- PROPOSED LOW WATER CROSSING
- PROPOSED CULVERT
- PROPOSED RIP-RAP
- PROPOSED BASIN
- PROPOSED DRAIN TILE
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED HORIZONTAL DIRECTIONAL DRILLING
- PROPOSED HDD BORE PIT
- PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

KEYMAP:



Westwood
Surveying & Engineering

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 www.pc.com
Westwood Surveying and Engineering, P.C.

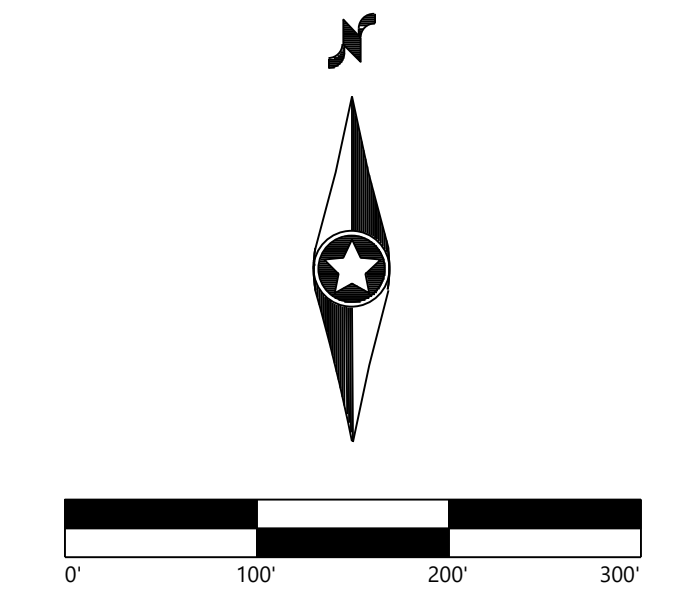
PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

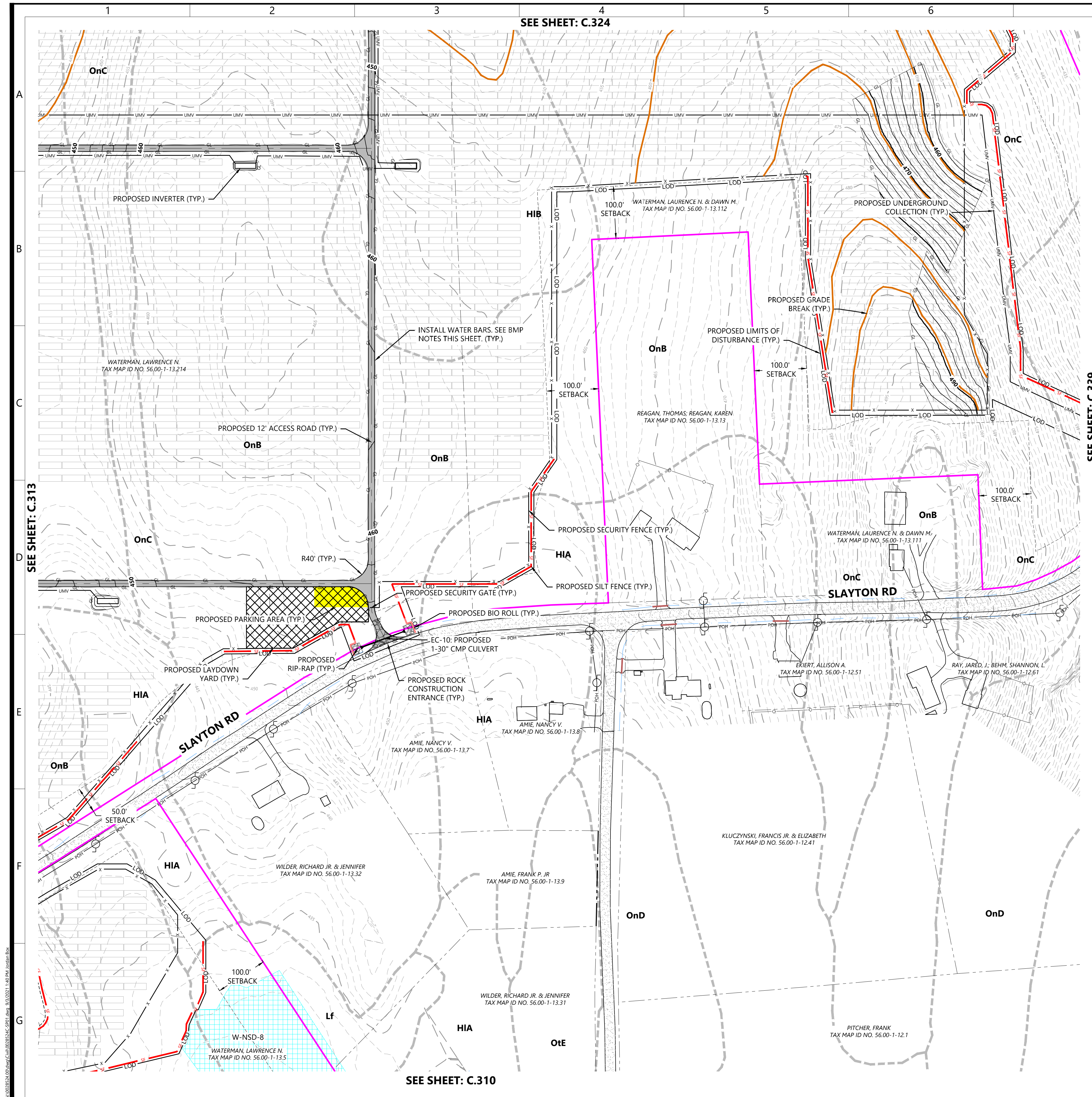
Cayuga County, New York

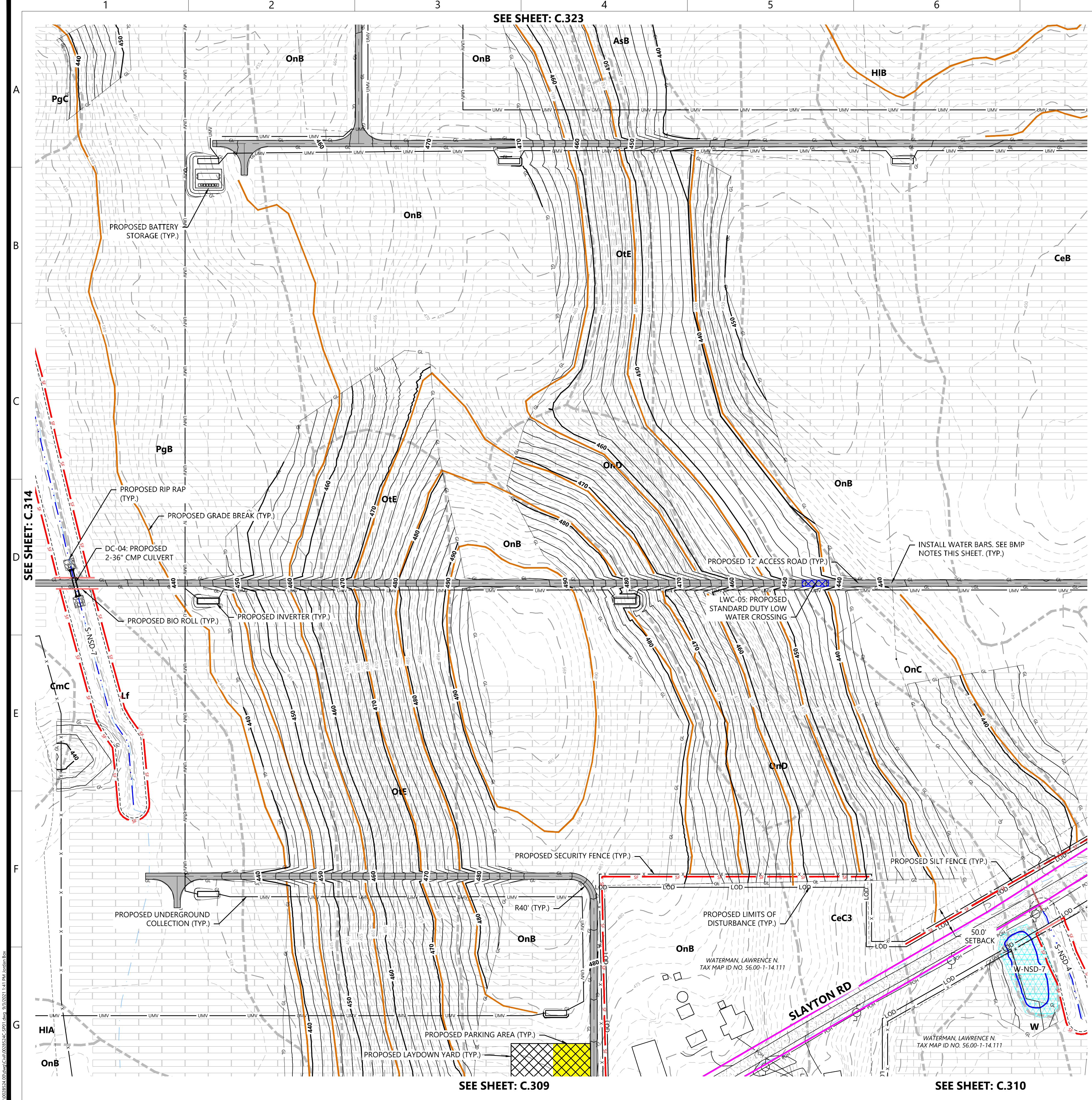
Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

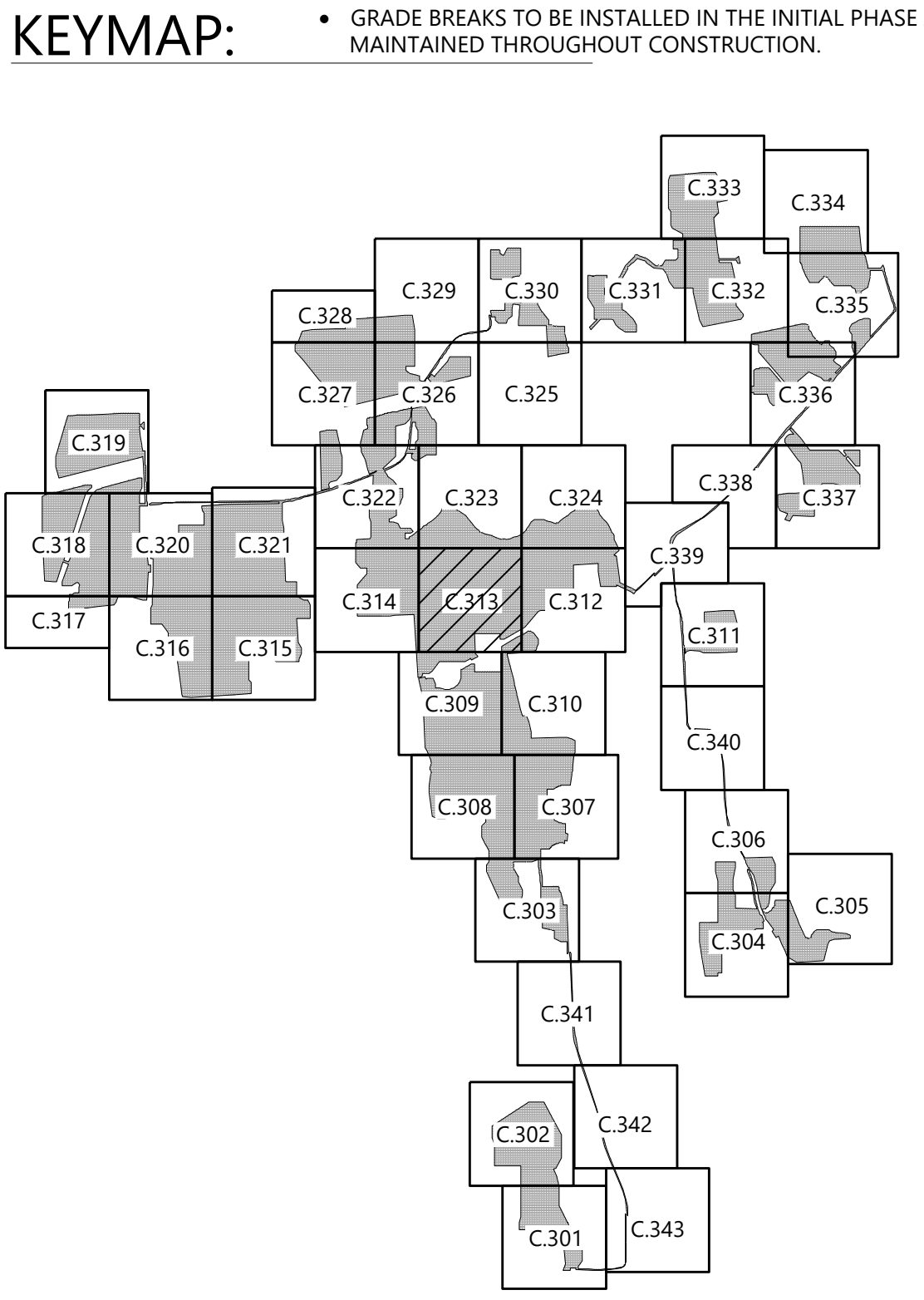
SHEET: C.311





- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

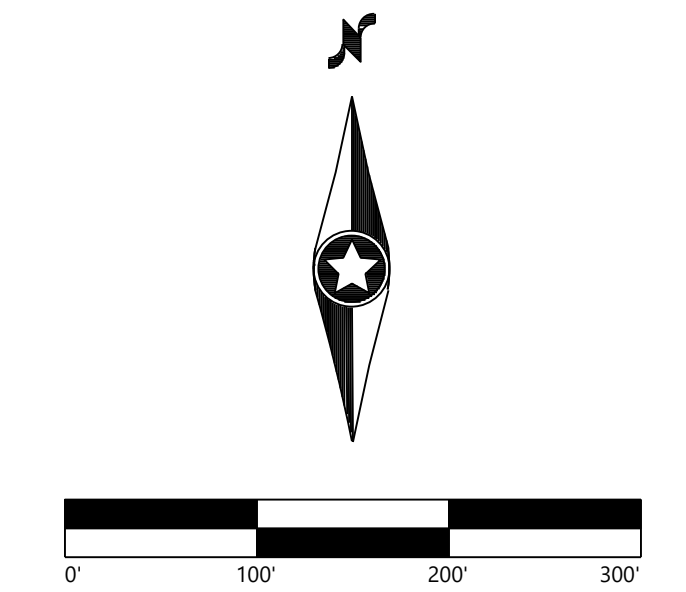


PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:		
#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



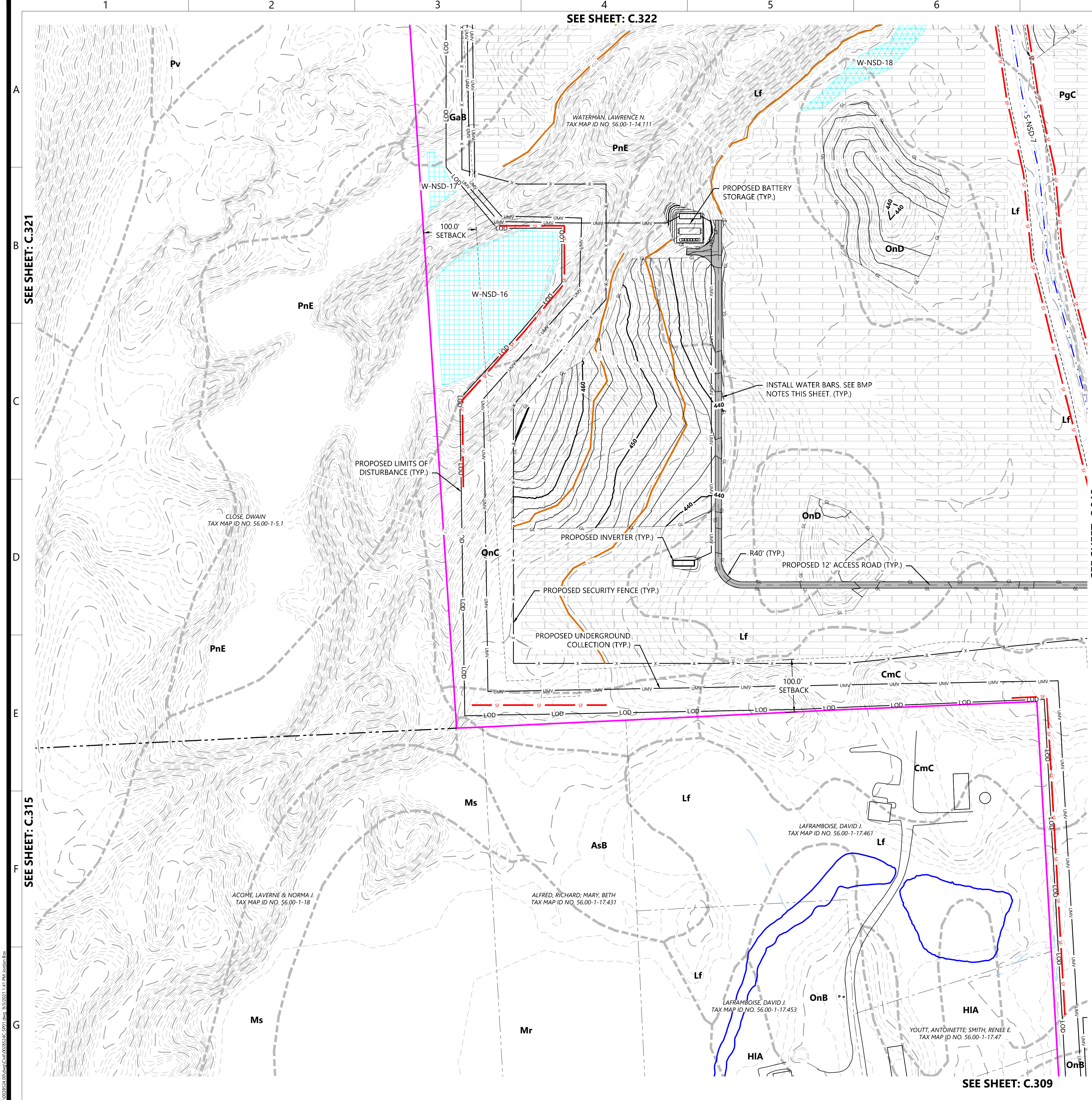
Garnet Energy Center

Cayuga County, New York

Civil Site Plan

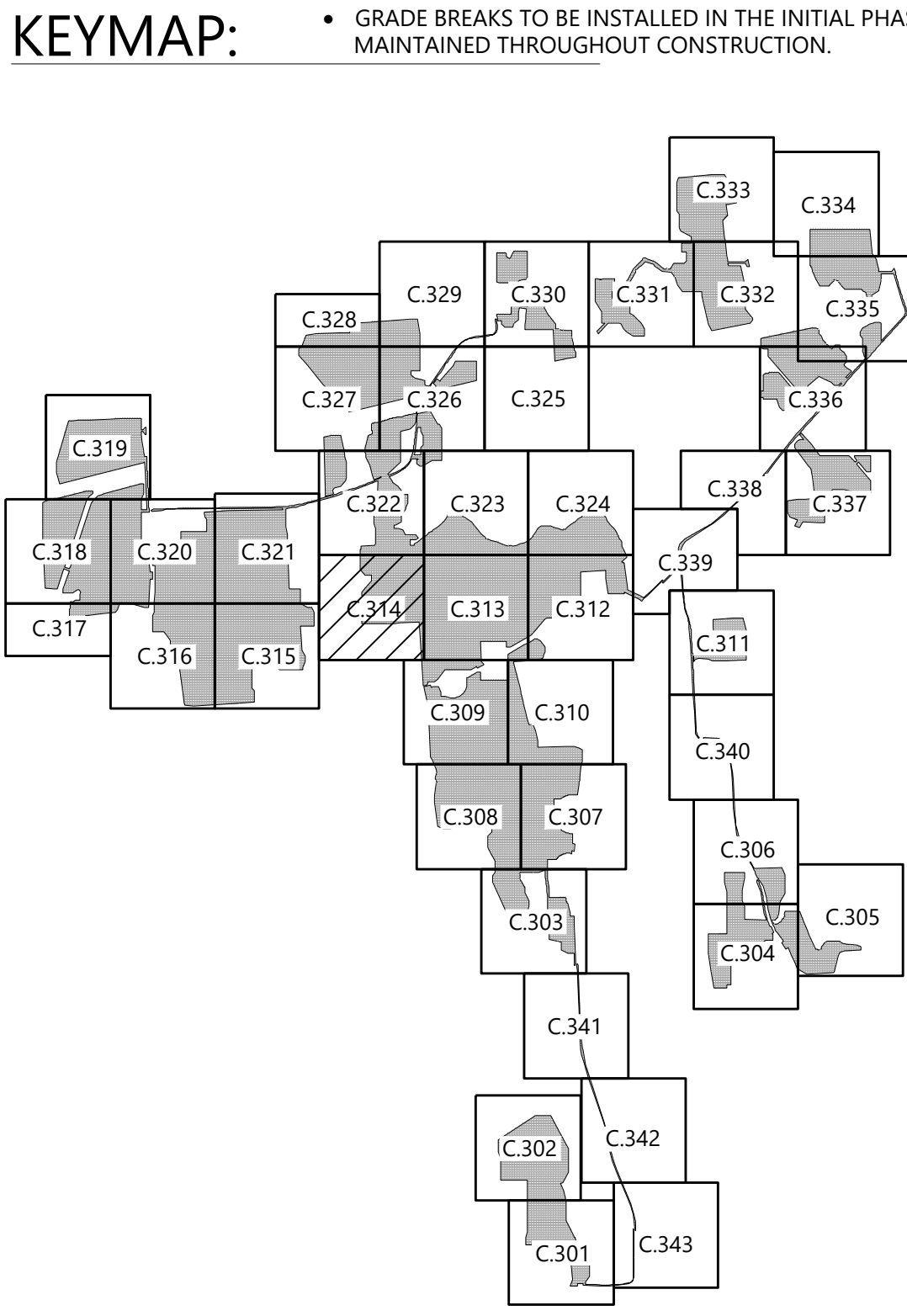
PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021
SHEET: C.313



- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.



Westwood
Surveying & Engineering

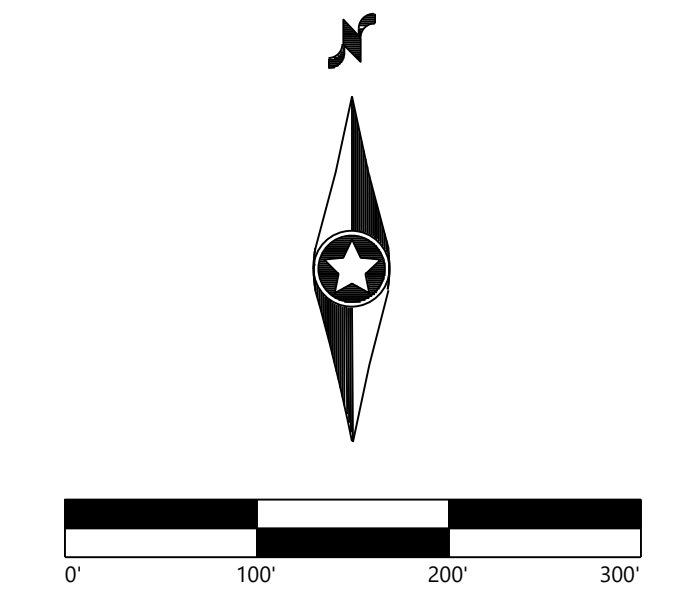
Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 www.pc.com
Westwood Surveying and Engineering, P.C.

PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:		
#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

Cayuga County, New York

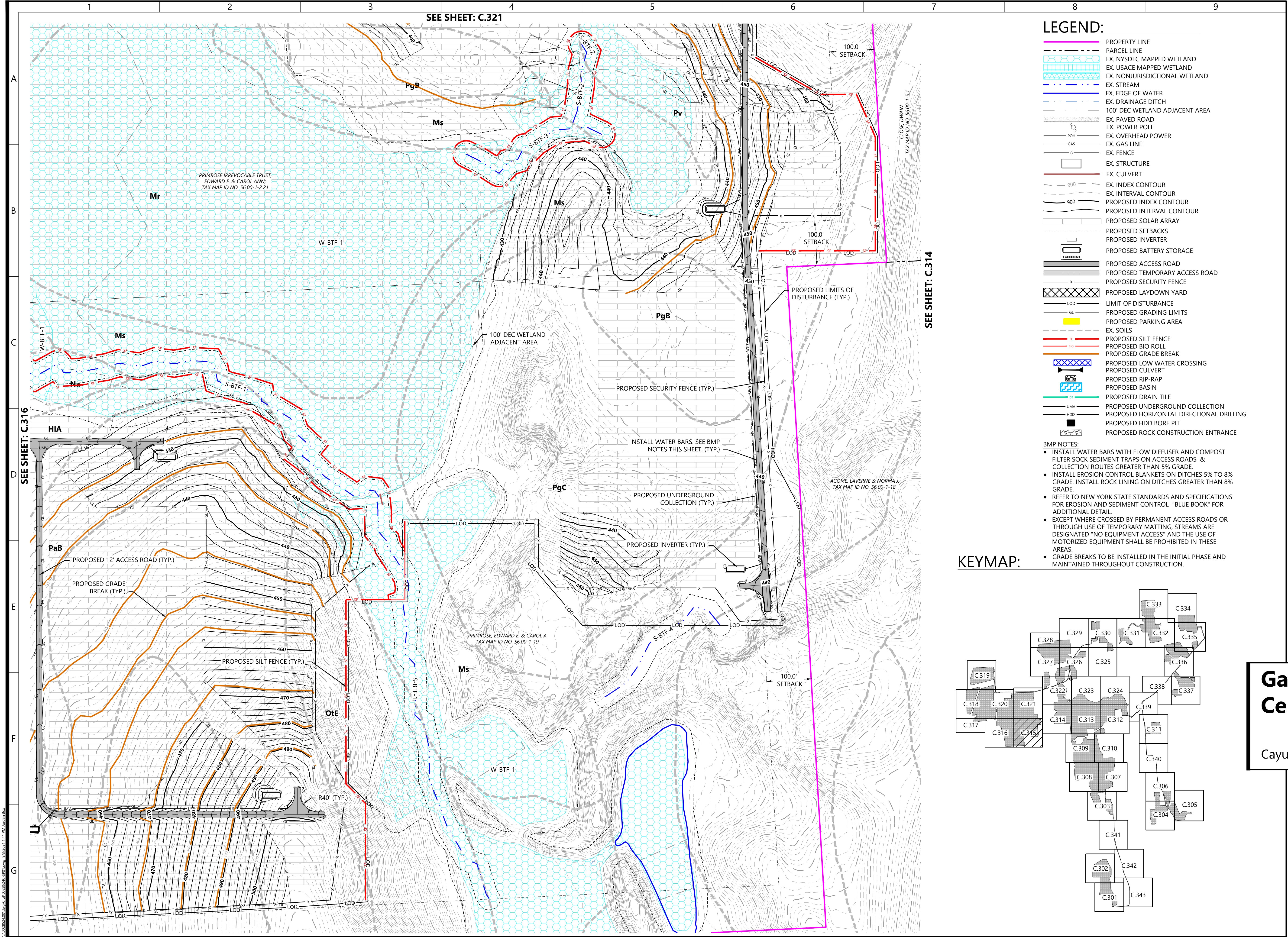
Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

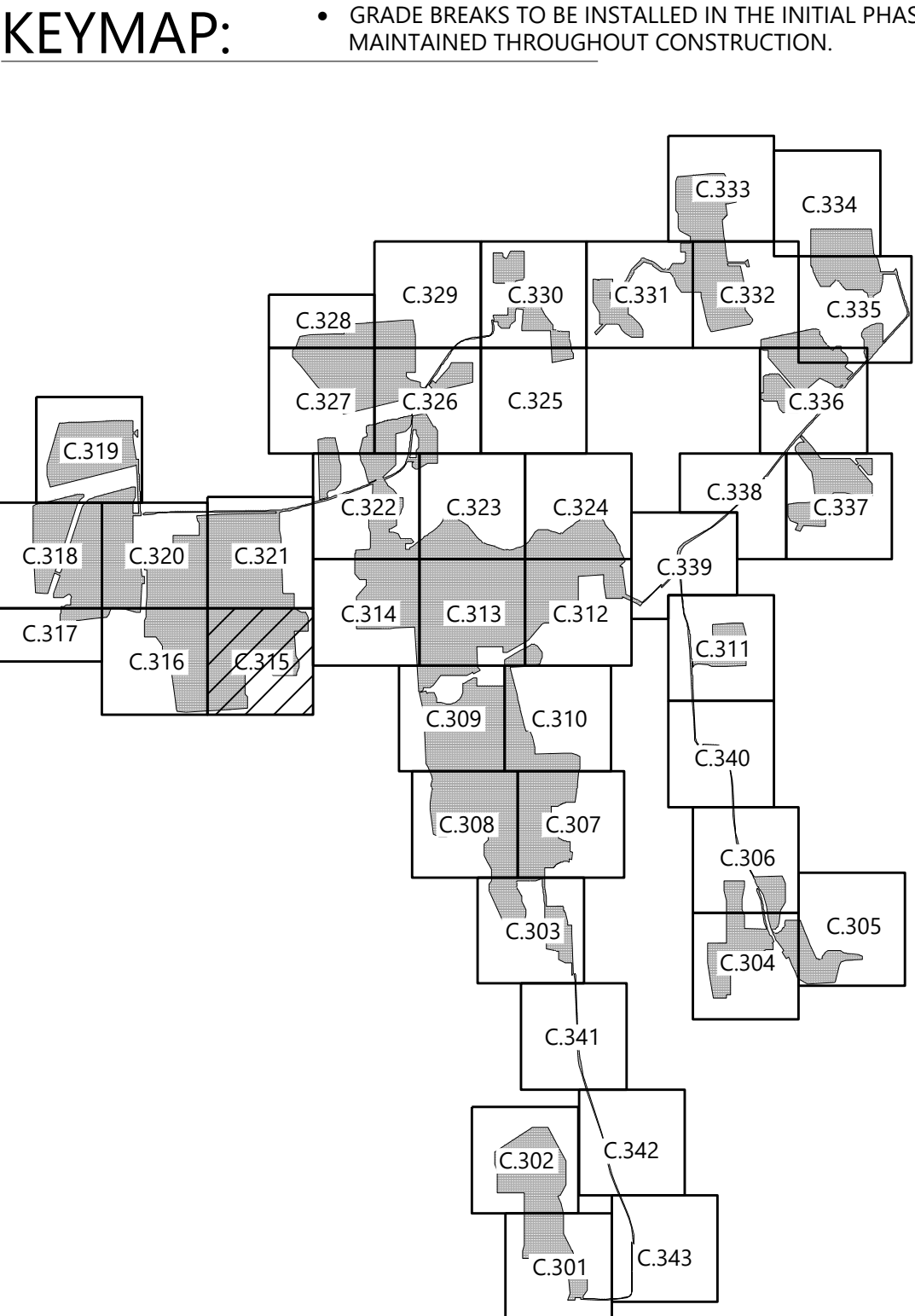
SHEET: C.314

\\002954\002954\CAD\002954\C.314.dwg 9/3/2021 1:41 PM Jordan Box



- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.



Westwood
Surveying & Engineering

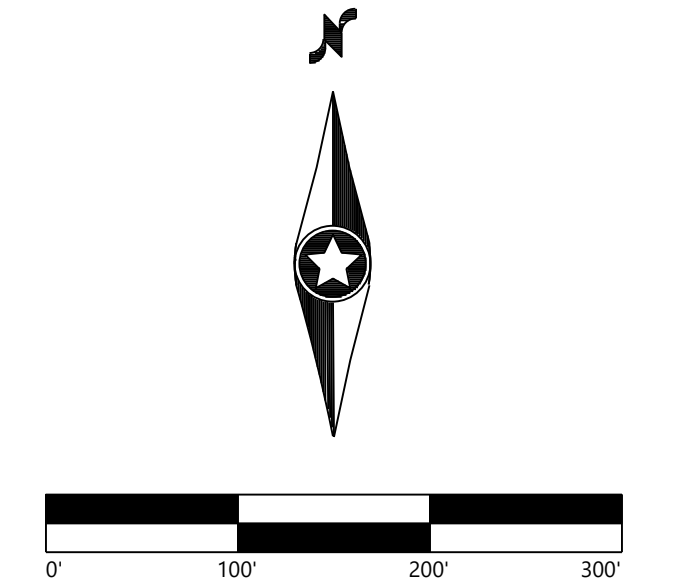
Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 www.pc.com
Westwood Surveying and Engineering, P.C.

PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:		
#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

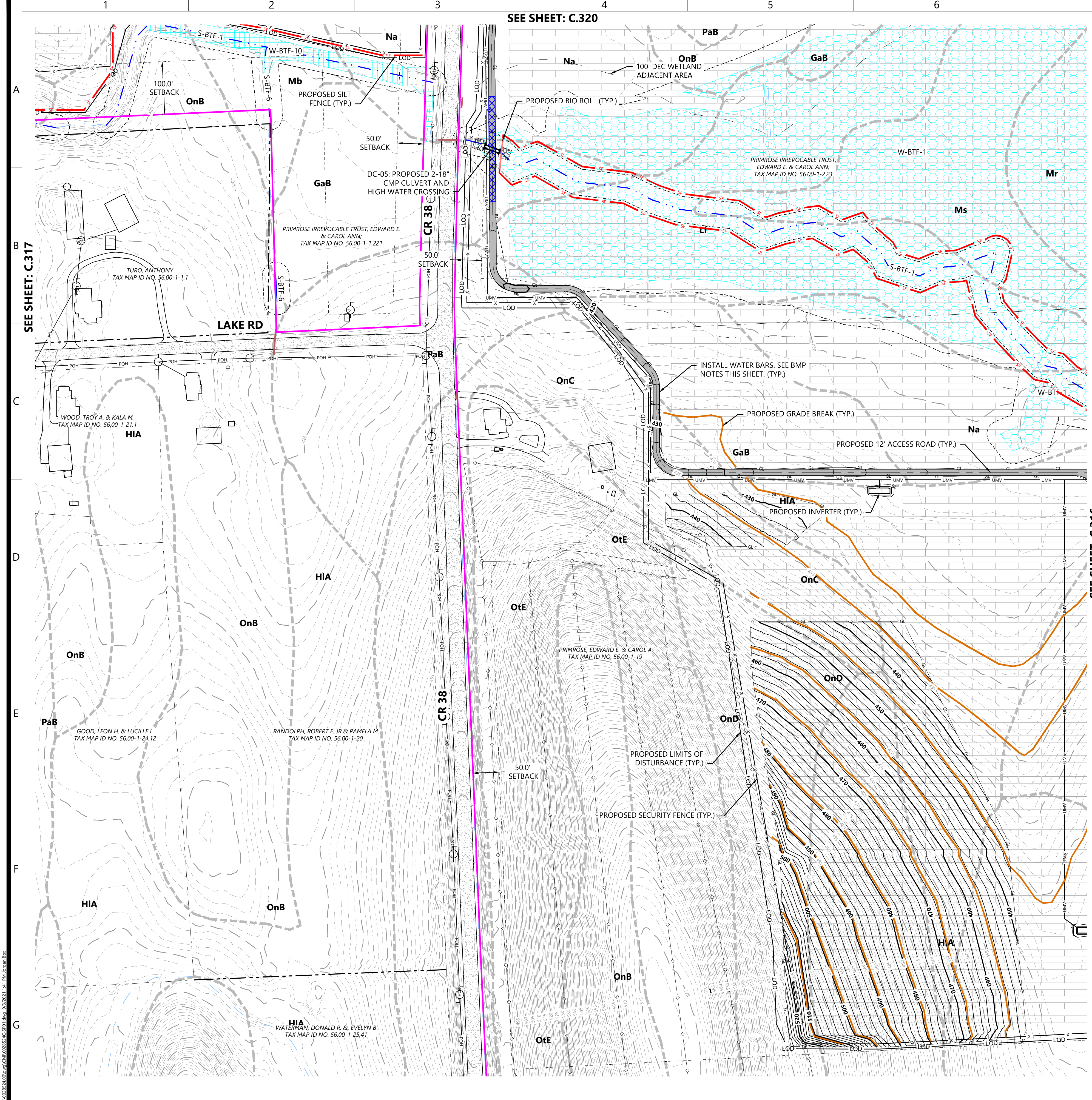
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

SHEET: C.315



SEE SHEET: C.320

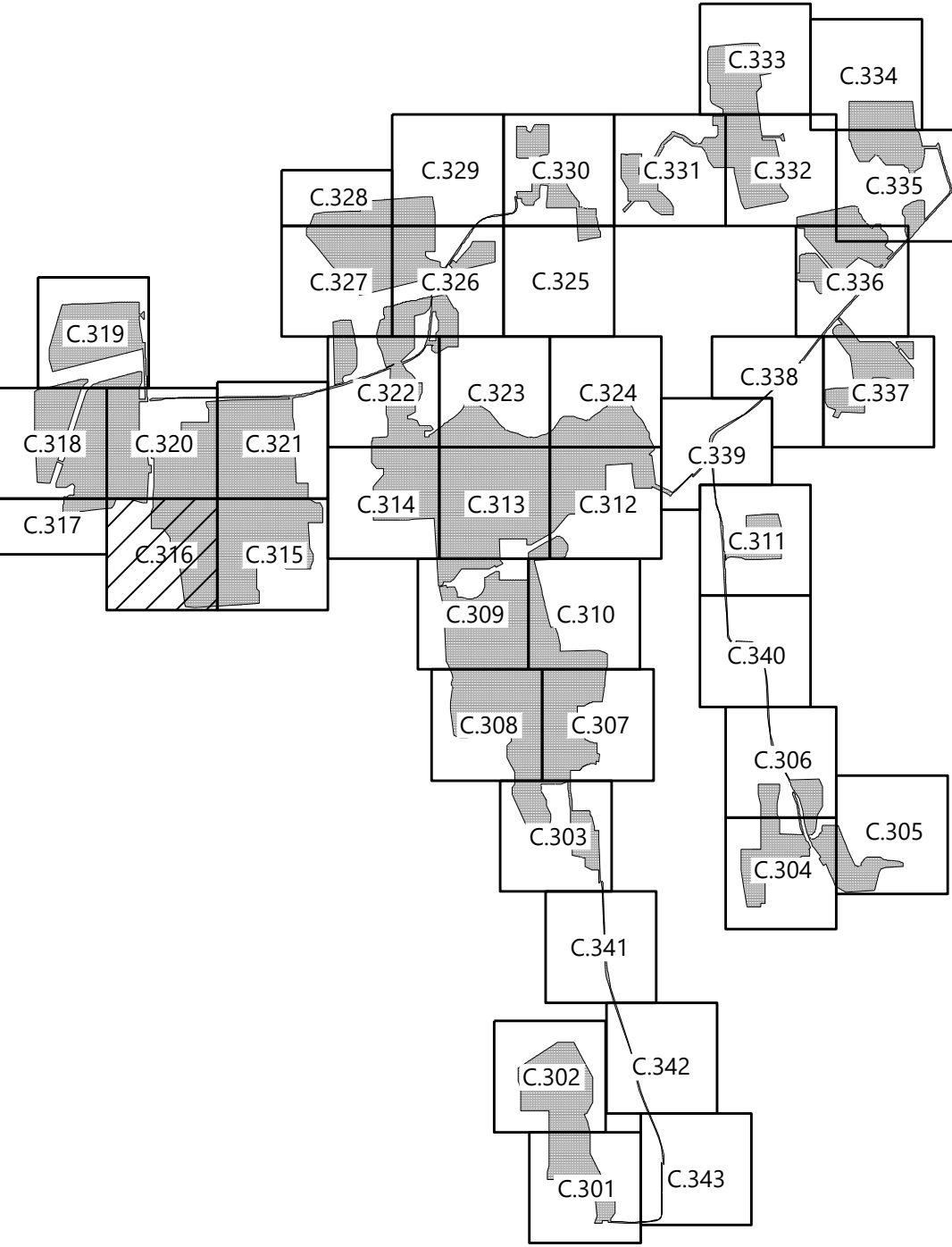
SEE SHEET: C.316

LEGEND:

- PROPERTY LINE
- PARCEL LINE
- EX. NYSDEC MAPPED WETLAND
- EX. USACE MAPPED WETLAND
- EX. NONJURISDICTIONAL WETLAND
- EX. STREAM
- EX. EDGE OF WATER
- EX. DRAINAGE DITCH
- 100' DEC WETLAND ADJACENT AREA
- EX. PAVED ROAD
- EX. POWER POLE
- EX. OVERHEAD POWER
- EX. GAS LINE
- EX. FENCE
- EX. STRUCTURE
- EX. CULVERT
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED SETBACKS
- PROPOSED INVERTER
- PROPOSED BATTERY STORAGE
- PROPOSED ACCESS ROAD
- PROPOSED TEMPORARY ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED LAYDOWN YARD
- LIMIT OF DISTURBANCE
- PROPOSED GRADING LIMITS
- PROPOSED PARKING AREA
- EX. SOILS
- PROPOSED SILT FENCE
- PROPOSED BIO ROLL
- PROPOSED GRADE BREAK
- PROPOSED LOW WATER CROSSING
- PROPOSED CULVERT
- PROPOSED RIP-RAP
- PROPOSED BASIN
- PROPOSED DRAIN TILE
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED HORIZONTAL DIRECTIONAL DRILLING
- PROPOSED HDD BORE PIT
- PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

KEYMAP:



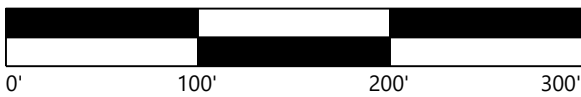
PREPARED FOR:



700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



**Garnet Energy
Center**

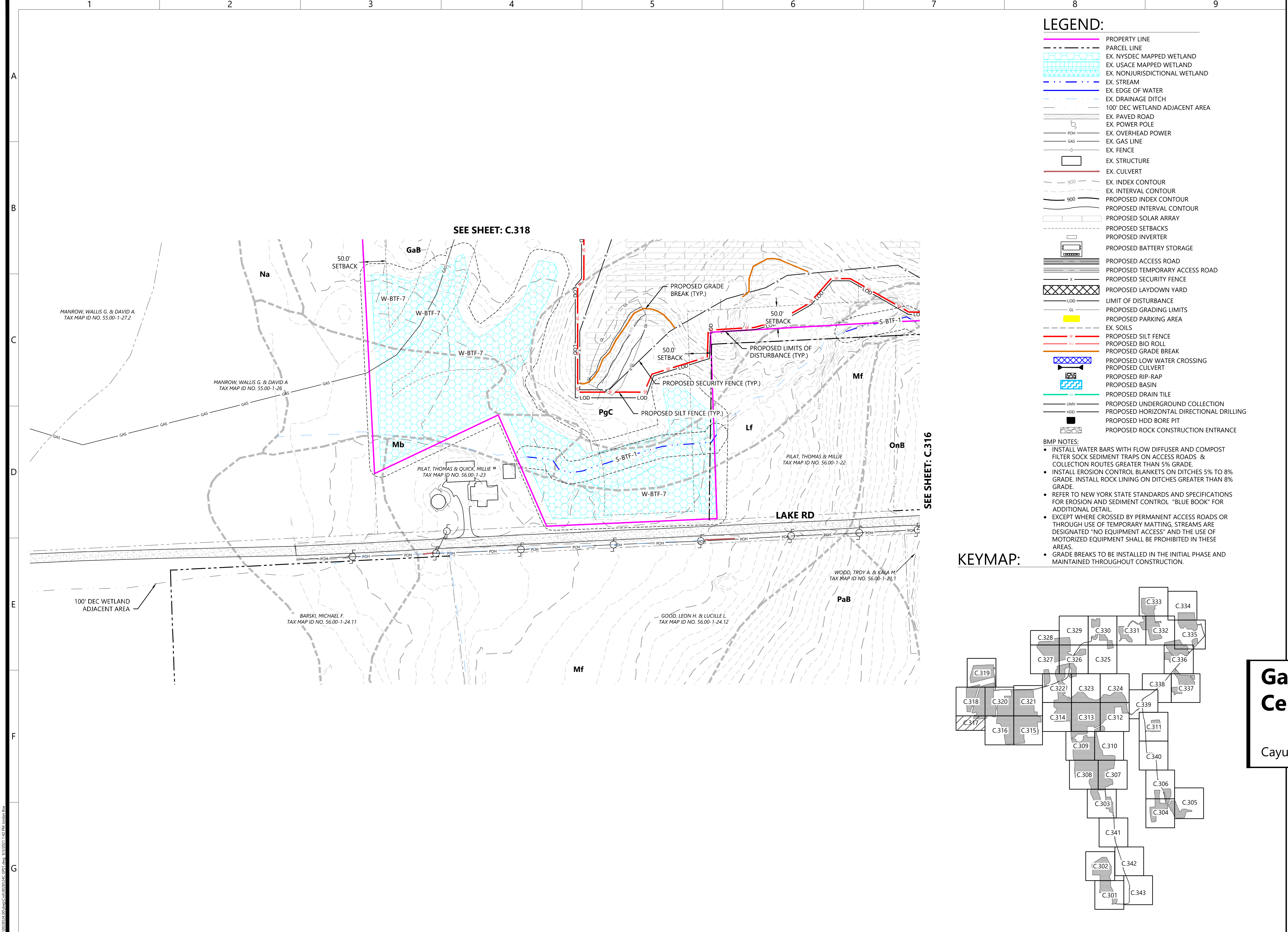
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

SHEET: C.316

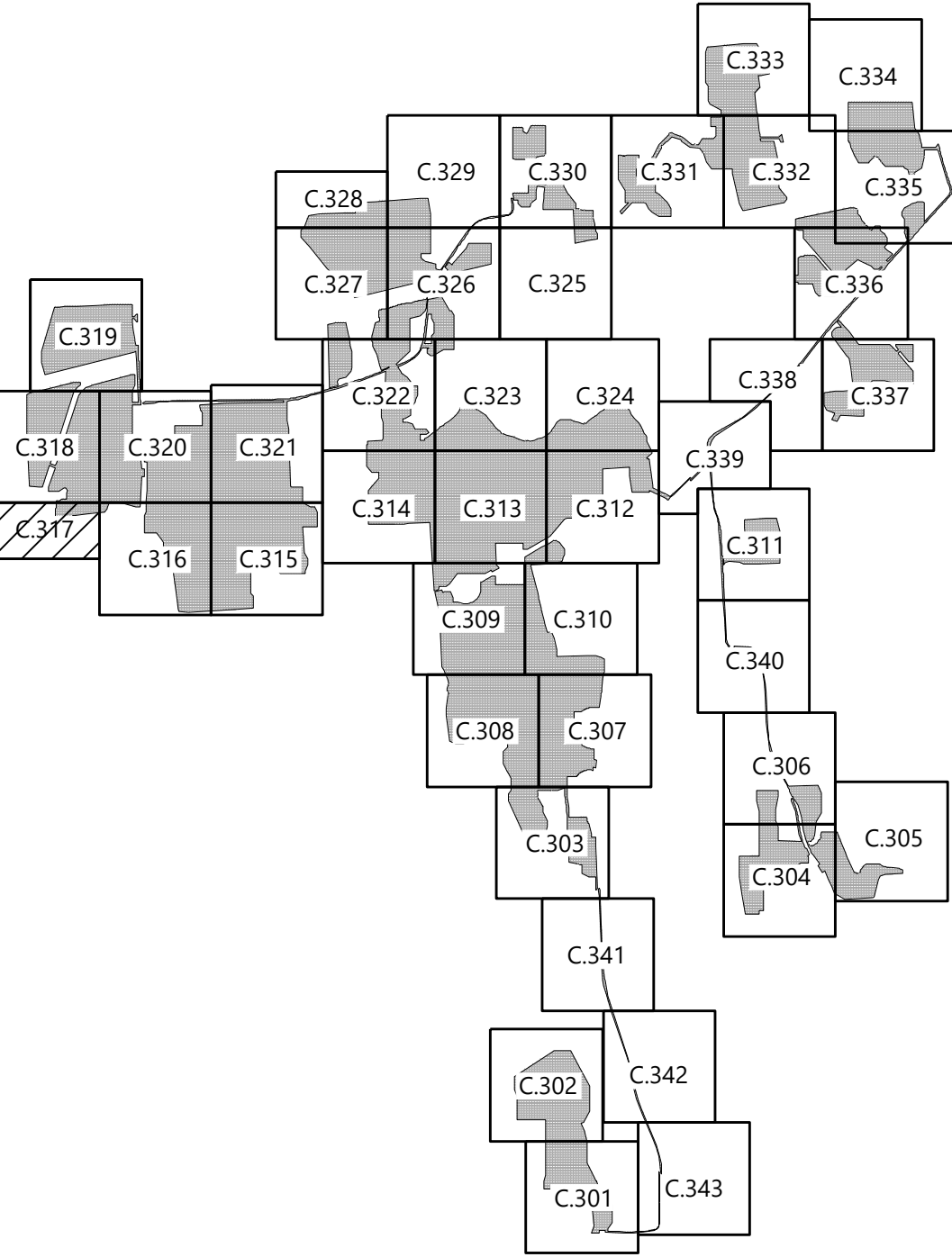


LEGEND:

- PROPERTY LINE
- PARCEL LINE
- EX. NYSDEC MAPPED WETLAND
- EX. USACE MAPPED WETLAND
- EX. NONJURISDICTIONAL WETLAND
- EX. STREAM
- EX. EDGE OF WATER
- EX. DRAINAGE DITCH
- 100' DEC WETLAND ADJACENT AREA
- EX. PAVED ROAD
- EX. POWER POLE
- EX. OVERHEAD POWER
- EX. GAS LINE
- EX. FENCE
- EX. STRUCTURE
- EX. CULVERT
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED SETBACKS
- PROPOSED INVERTER
- PROPOSED BATTERY STORAGE
- PROPOSED ACCESS ROAD
- PROPOSED TEMPORARY ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED LAYDOWN YARD
- LIMIT OF DISTURBANCE
- PROPOSED GRADING LIMITS
- PROPOSED PARKING AREA
- EX. SOILS
- PROPOSED SILT FENCE
- PROPOSED BIO ROLL
- PROPOSED GRADE BREAK
- PROPOSED LOW WATER CROSSING
- PROPOSED CULVERT
- PROPOSED RIP-RAP
- PROPOSED BASIN
- PROPOSED DRAIN TILE
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED HORIZONTAL DIRECTIONAL DRILLING
- PROPOSED HDD BORE PIT
- PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

KEYMAP:



PREPARED FOR:



700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



**Garnet Energy
Center**

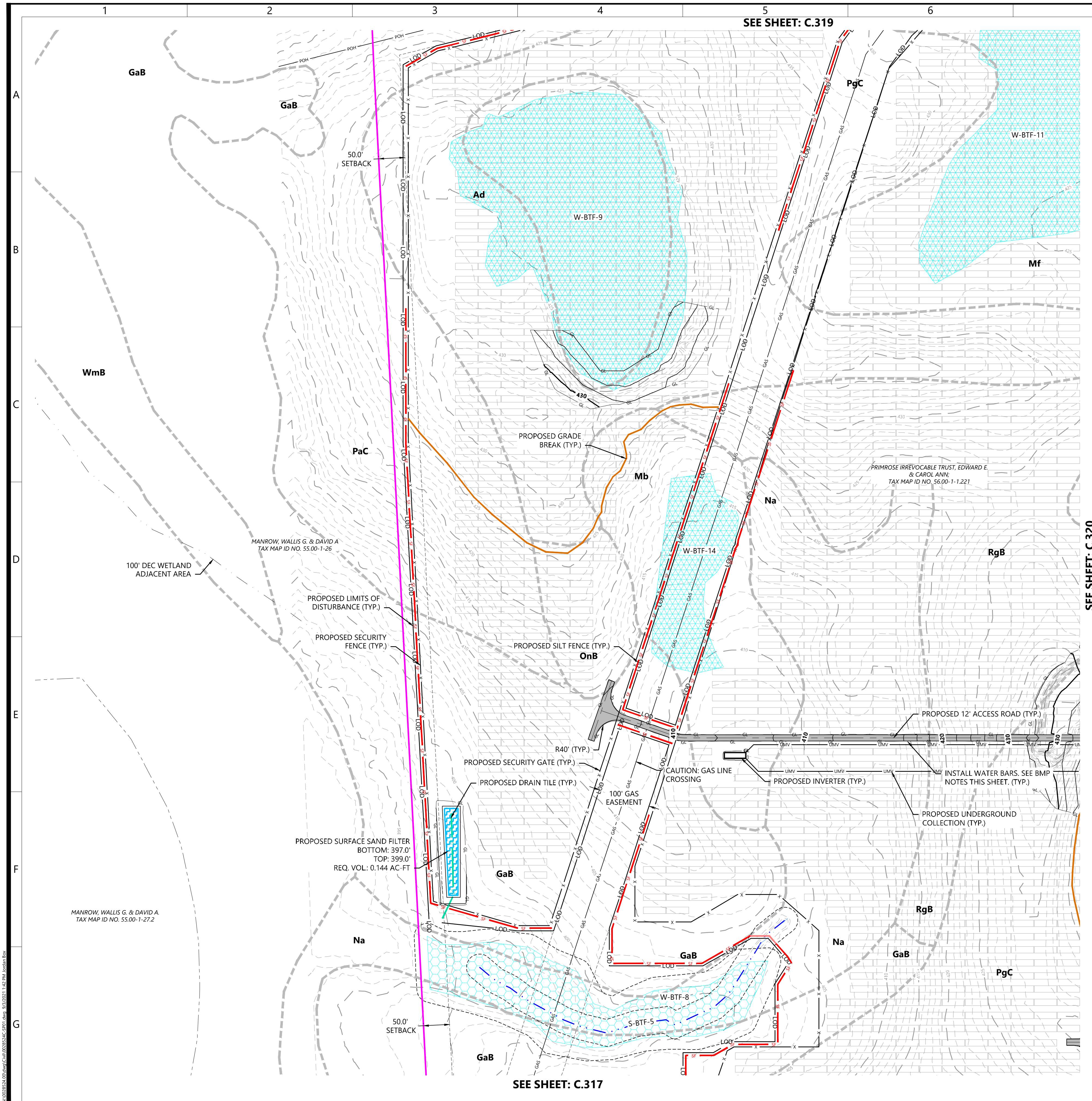
Cayuga County, New York

Civil Site Plan

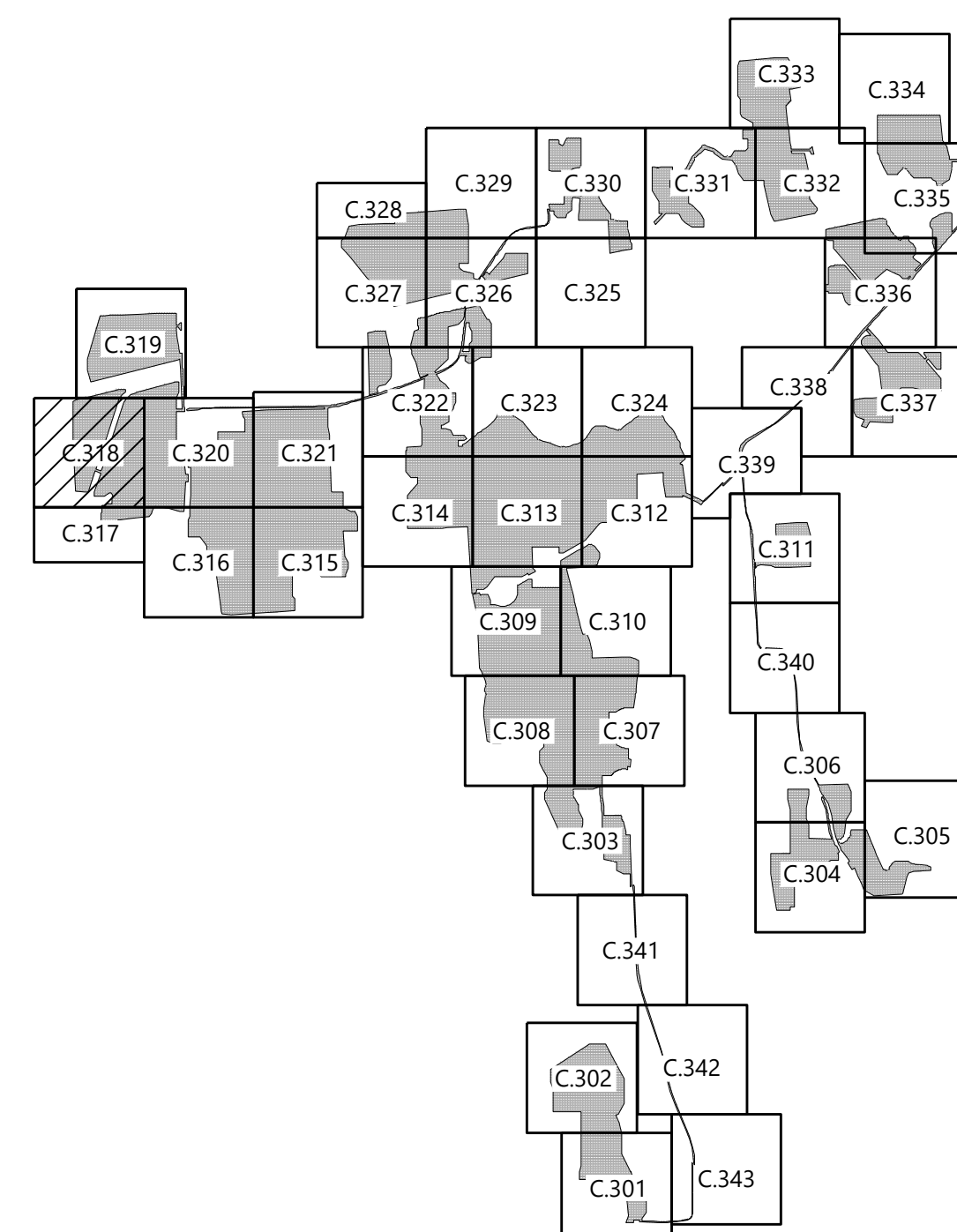
PRELIMINARY
NOT FOR CONSTRUCTION

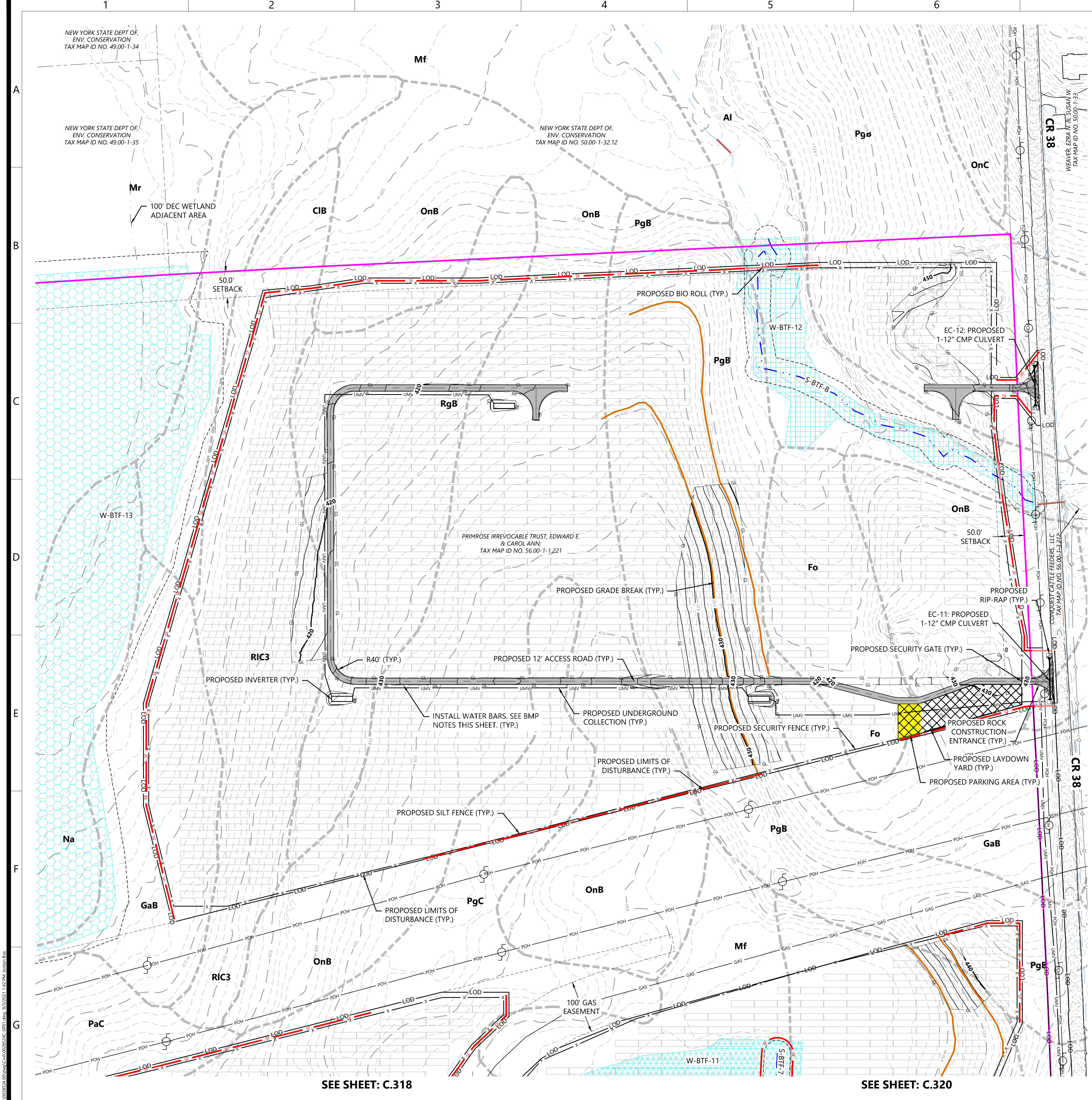
DATE: 09/03/2021

SHEET: C.317



SHEET: C.318



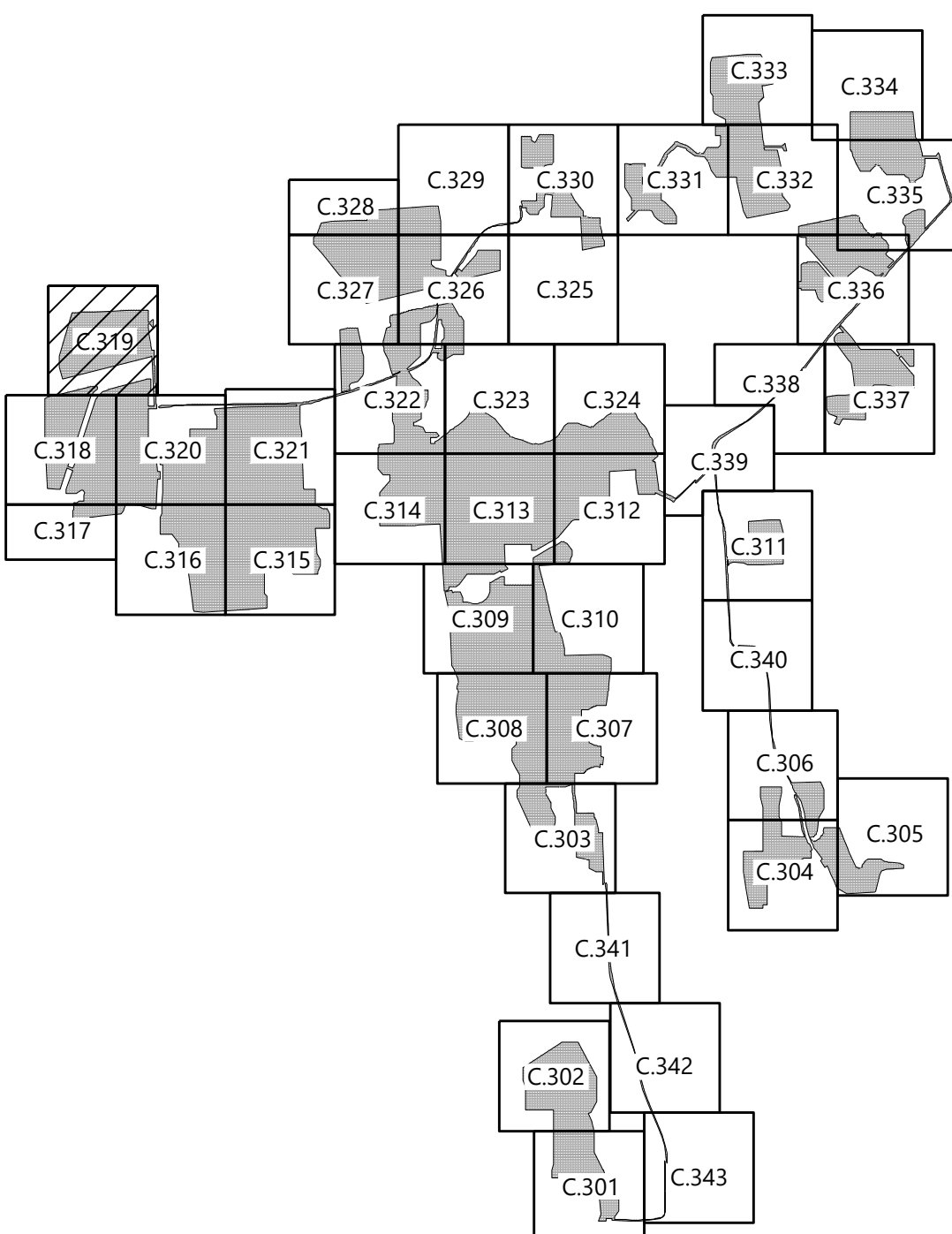


LEGEND:

- PROPERTY LINE
- PARCEL LINE
- EX. NYSDEC MAPPED WETLAND
- EX. USACE MAPPED WETLAND
- EX. NONJURISDICTIONAL WETLAND
- EX. STREAM
- EX. EDGE OF WATER
- EX. DRAINAGE DITCH
- 100' DEC WETLAND ADJACENT AREA
- EX. PAVED ROAD
- EX. POWER POLE
- EX. OVERHEAD POWER
- EX. GAS LINE
- EX. FENCE
- EX. STRUCTURE
- EX. CULVERT
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED SETBACKS
- PROPOSED INVERTER
- PROPOSED BATTERY STORAGE
- PROPOSED ACCESS ROAD
- PROPOSED TEMPORARY ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED LAYDOWN YARD
- LIMIT OF DISTURBANCE
- PROPOSED GRADING LIMITS
- PROPOSED PARKING AREA
- EX. SOILS
- PROPOSED SILT FENCE
- PROPOSED BIO ROLL
- PROPOSED GRADE BREAK
- PROPOSED LOW WATER CROSSING
- PROPOSED CULVERT
- PROPOSED RIP-RAP
- PROPOSED BASIN
- PROPOSED DRAIN TILE
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED HORIZONTAL DIRECTIONAL DRILLING
- PROPOSED HDD BORE PIT
- PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

KEYMAP:



Westwood
Surveying & Engineering

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 ww-pc.com
Westwood Surveying and Engineering, P.C.

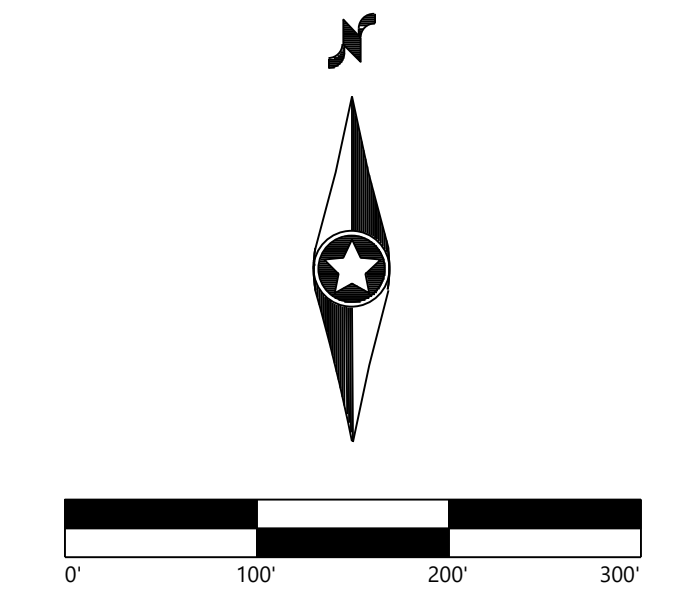
PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

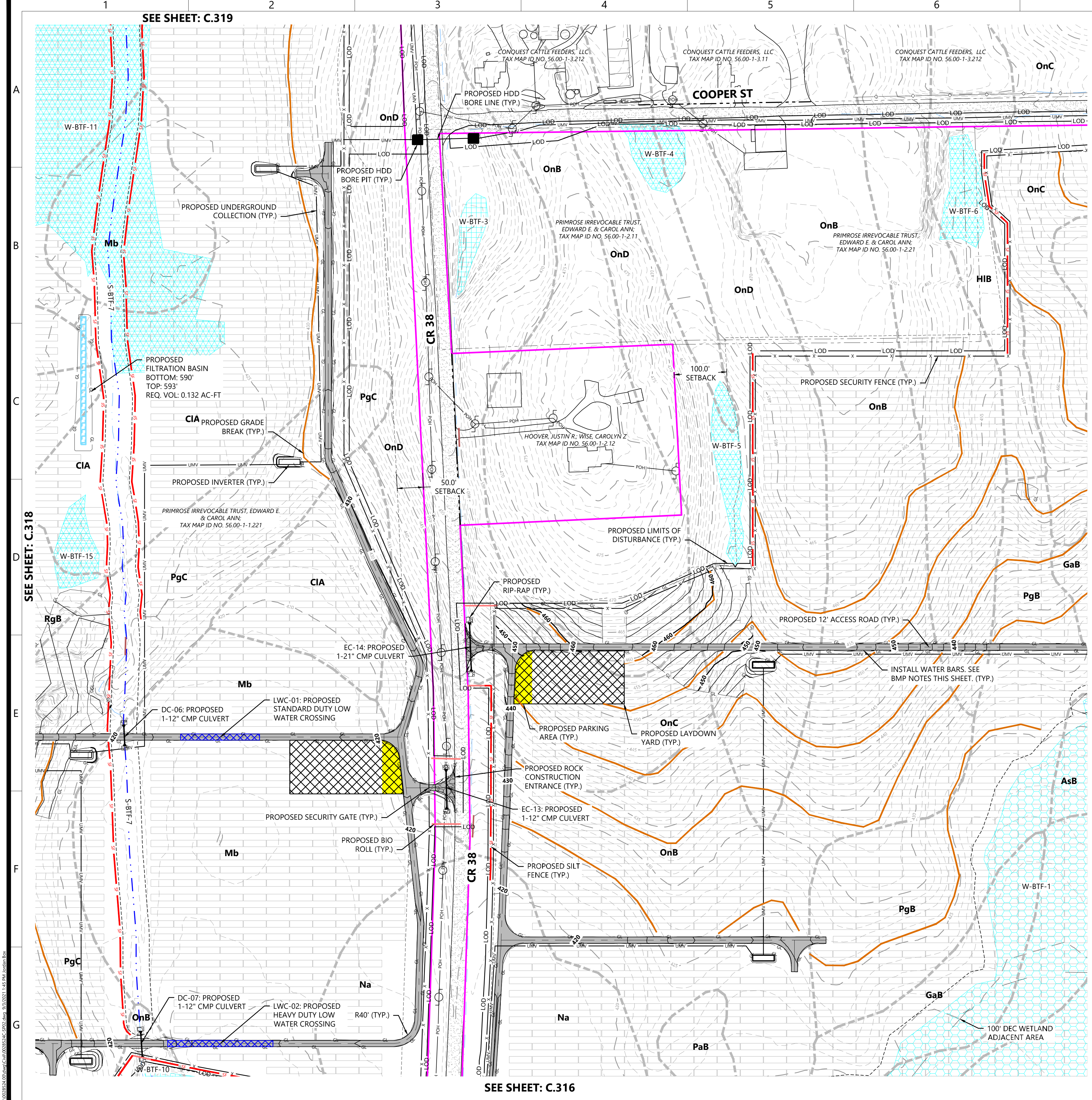
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

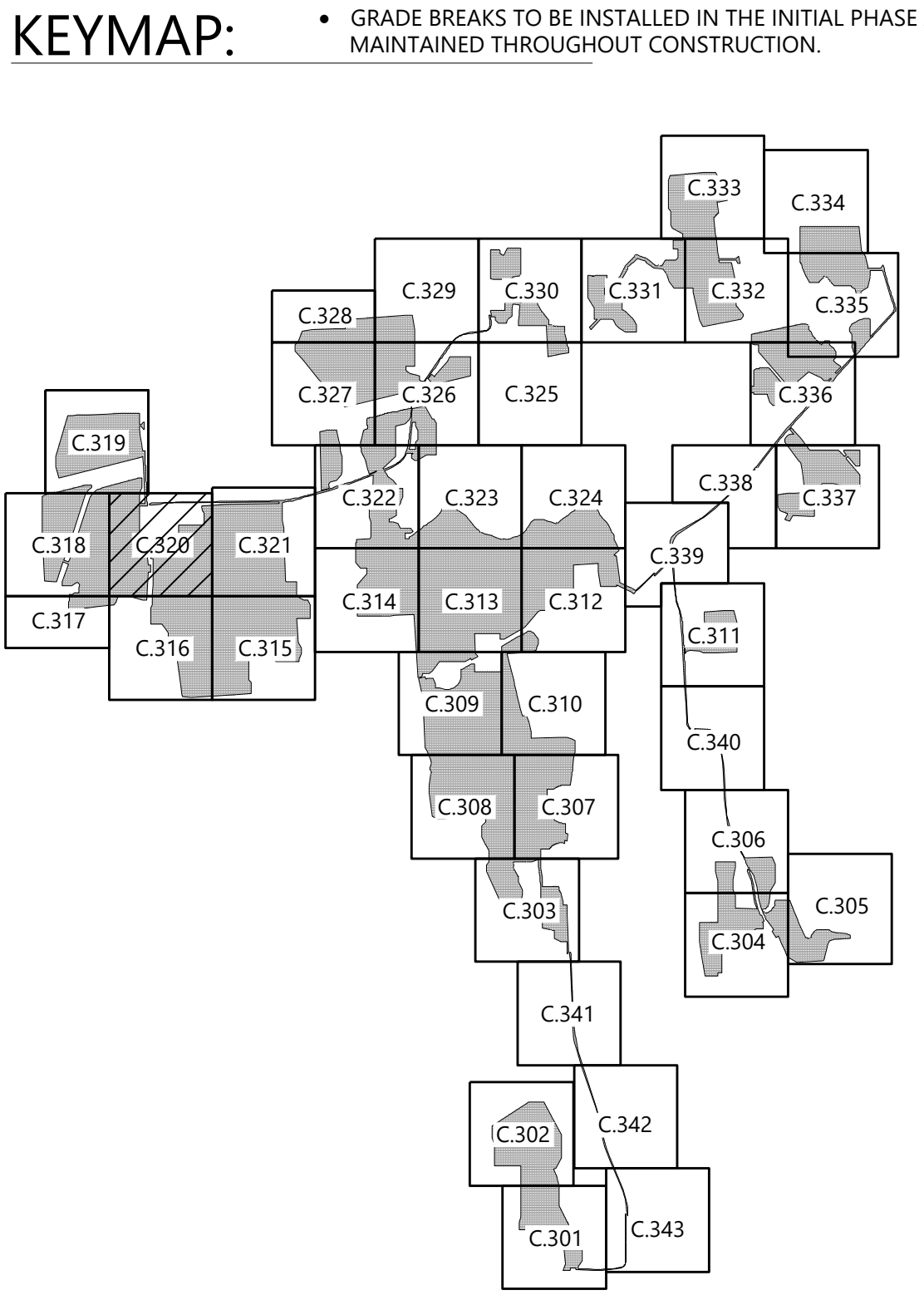
DATE: 09/03/2021

SHEET: C.319



- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.



Westwood
Surveying & Engineering

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 www.pc.com
Westwood Surveying and Engineering, P.C.

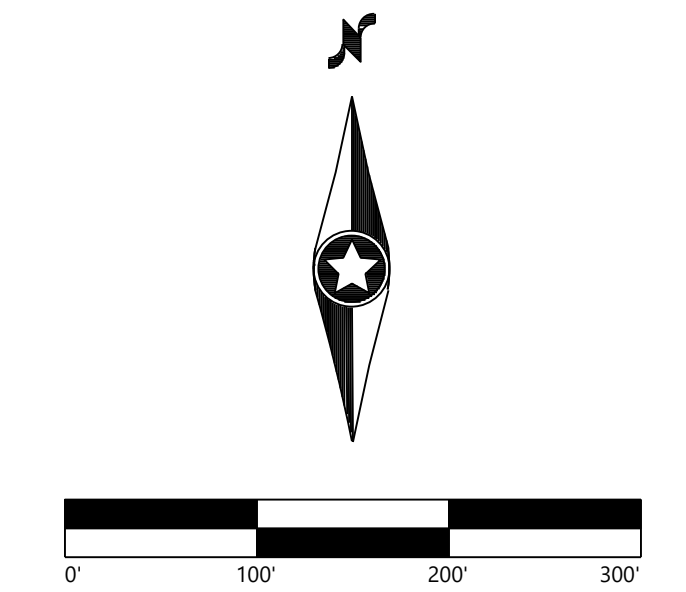
PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

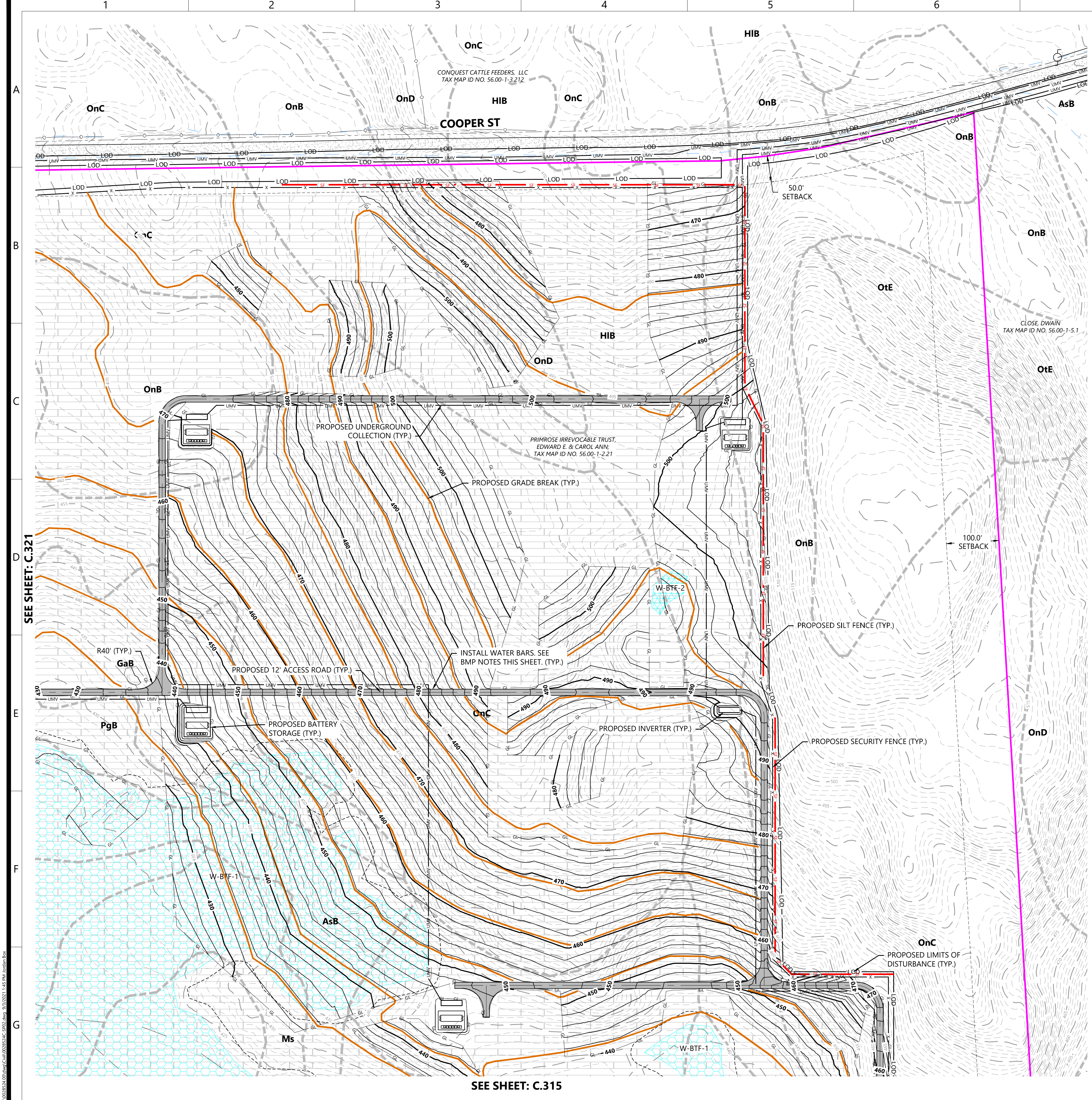
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

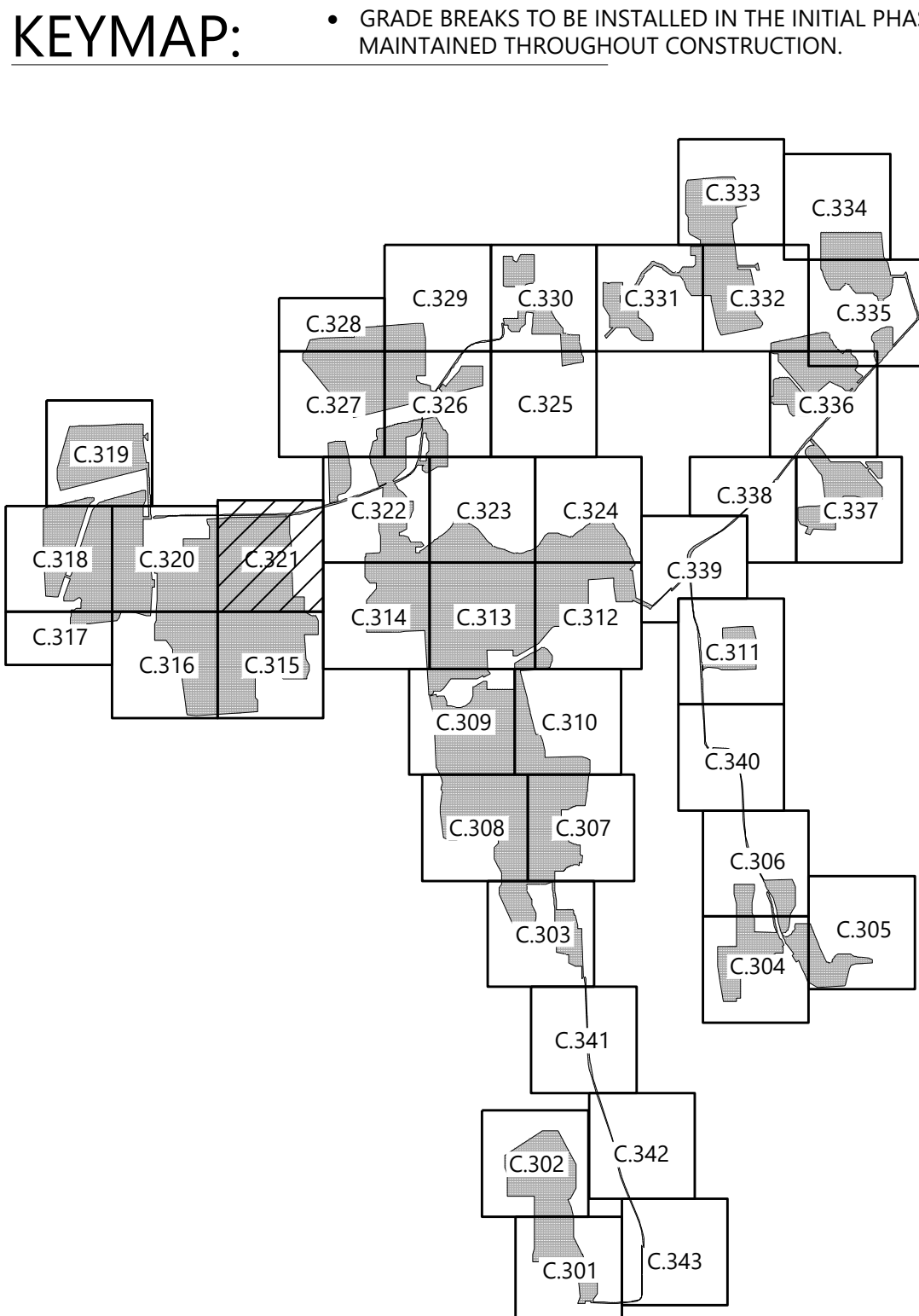
DATE: 09/03/2021

SHEET: C.320



- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.



Westwood
Surveying & Engineering

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 www.pc.com
Westwood Surveying and Engineering, P.C.

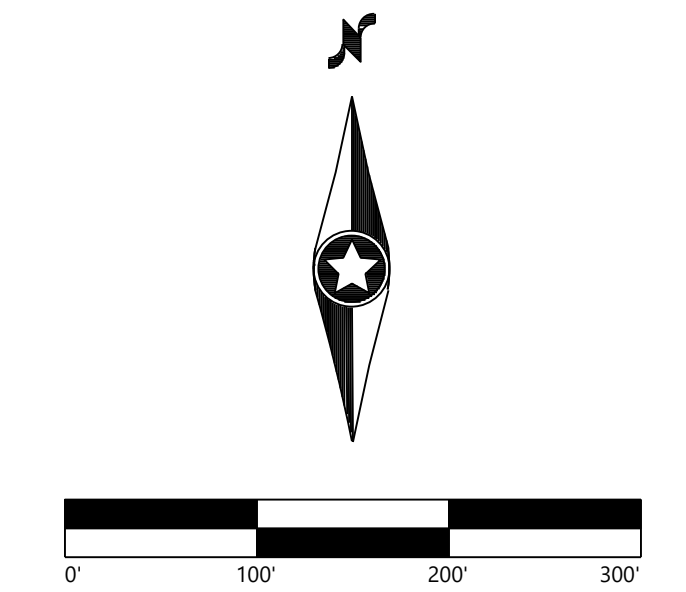
PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

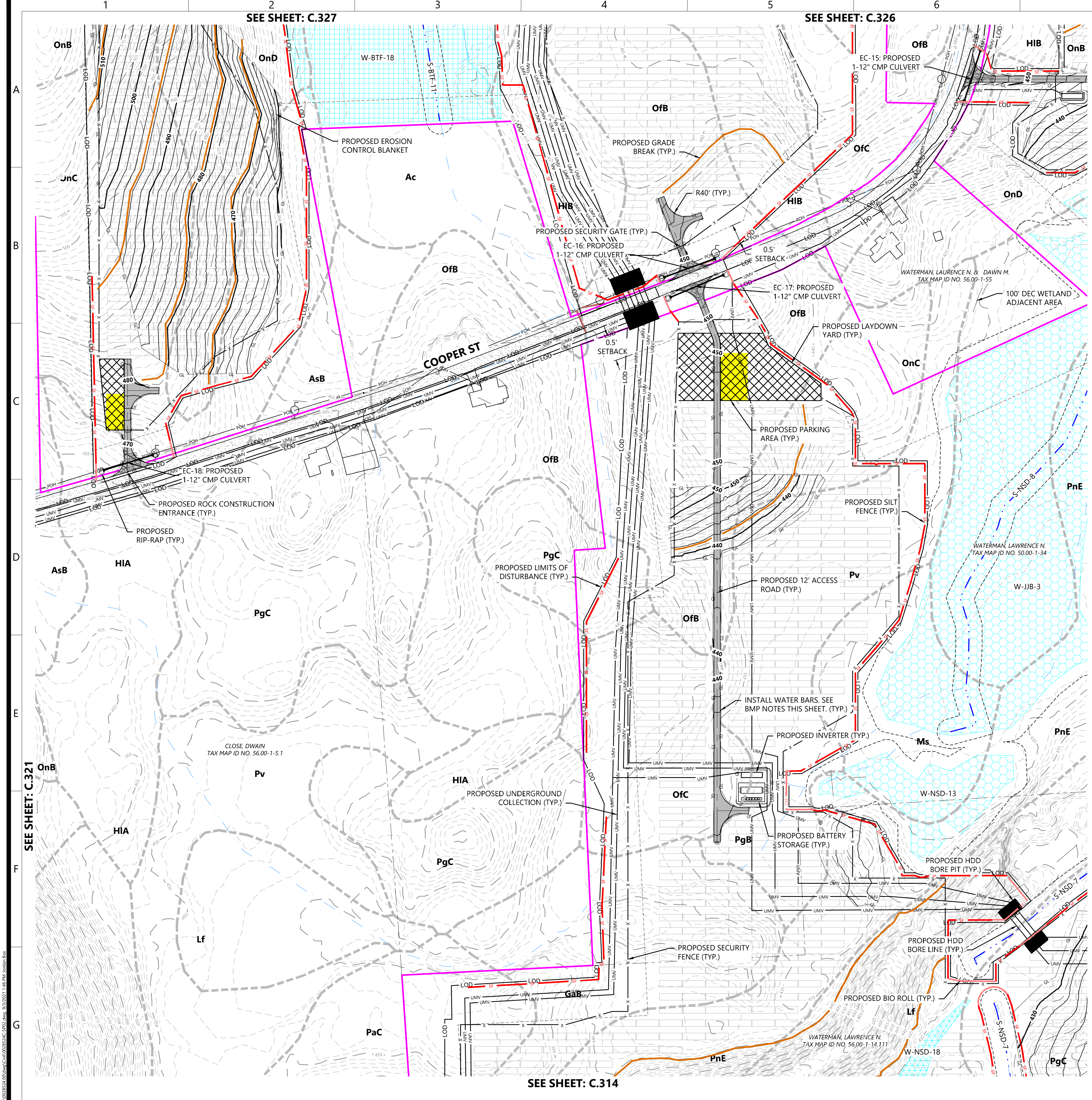
Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

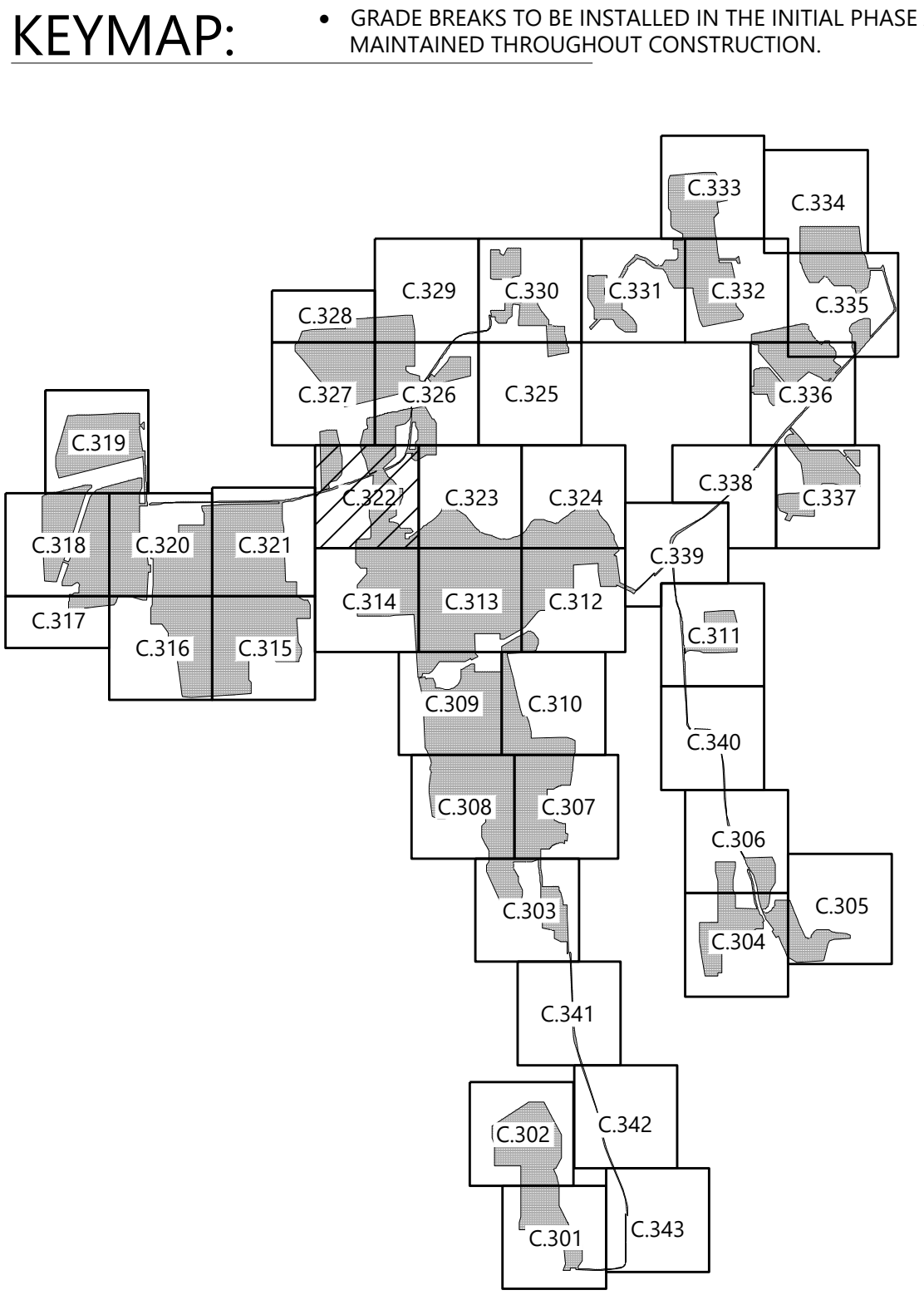
DATE: 09/03/2021

SHEET: C.321



- LEGEND:**
- PROPERTY LINE
 - PARCEL LINE
 - EX. NYSDEC MAPPED WETLAND
 - EX. USACE MAPPED WETLAND
 - EX. NONJURISDICTIONAL WETLAND
 - EX. STREAM
 - EX. EDGE OF WATER
 - EX. DRAINAGE DITCH
 - 100' DEC WETLAND ADJACENT AREA
 - EX. PAVED ROAD
 - EX. POWER POLE
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. FENCE
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED SETBACKS
 - PROPOSED INVERTER
 - PROPOSED BATTERY STORAGE
 - PROPOSED ACCESS ROAD
 - PROPOSED TEMPORARY ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - LIMIT OF DISTURBANCE
 - PROPOSED GRADING LIMITS
 - PROPOSED PARKING AREA
 - EX. SOILS
 - PROPOSED SILT FENCE
 - PROPOSED BIO ROLL
 - PROPOSED GRADE BREAK
 - PROPOSED LOW WATER CROSSING
 - PROPOSED CULVERT
 - PROPOSED RIP-RAP
 - PROPOSED BASIN
 - PROPOSED DRAIN TILE
 - PROPOSED UNDERGROUND COLLECTION
 - PROPOSED HORIZONTAL DIRECTIONAL DRILLING
 - PROPOSED HDD BORE PIT
 - PROPOSED ROCK CONSTRUCTION ENTRANCE

- BMP NOTES:**
- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
 - INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
 - REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
 - EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
 - GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.



Westwood
Surveying & Engineering

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minnetonka, MN 55343
Toll Free (888) 937-5150 www.pc.com
Westwood Surveying and Engineering, P.C.

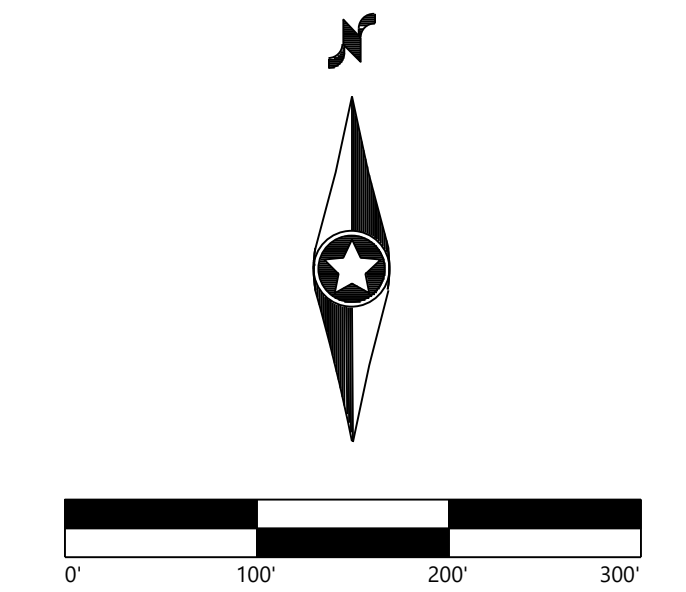
PREPARED FOR:

NEXTERA
ENERGY

700 Universe Boulevard
Juno Beach, FL 33408

REVISIONS:

#	DATE	COMMENT
A	09/03/2021	ISSUED FOR PERMIT



Garnet Energy Center

Cayuga County, New York

Civil Site Plan

PRELIMINARY
NOT FOR CONSTRUCTION

DATE: 09/03/2021

SHEET: C.322

