DICKINSON WRIGHT PLLC

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CHRISTINE M.T. PIRIK
CPirik@dickinsonwright.com

October 28, 2022

Ms. Tanowa Troupe, Secretary
Ohio Power Siting Board
Docketing Division
180 East Broad Street, 11th Floor
Columbus, Ohio 43215-3797

Re: Case Nos. 19-1881-EL-BGN and 21-508-EL-BGA - In the Matter of the Application of Madison Fields Solar Project, LLC for a Certificate of Environmental Compatibility and Public Need to Construct a Solar-Powered Electric Generation Facility in Madison County, Ohio.

Certificate Compliance Condition 8 – Updated Engineering Drawings

Dear Ms. Troupe:

Madison Fields Solar Project, LLC's ("Applicant") is certified to construct a solar-powered electric generation facility in Madison County, Ohio, in accordance with the orders issued by the Ohio Power Siting Board ("OPSB") in Case Nos. 19-1881-EL-BGN and 21-508-EL-BGA on January 21, 2021, and October 21, 2021, respectively.

On September 30, 2022, the Applicant filed the engineering drawings. At this time, the Applicant is filing Attachment 1, which is a memorandum regarding the engineering design, along with update engineering drawings and associated documents in compliance with Condition 8 of the Joint Stipulation and Recommendation approved by the OPSB's January 21, 2021 order in Case No. 19-1881-EL-BGN. These documents were provided to the Staff of the OPSB on October 28, 2022.

We are available, at your convenience, to answer any questions you may have.

Respectfully submitted,

/s/ Christine M.T. Pirik

Christine M.T. Pirik (0029759)
Matthew C. McDonnell (0090164)
Dickinson Wright PLLC
180 East Broad Street, Suite 3400
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Attorneys for Madison Fields Solar Project, LLC

Cc: Matt Butler

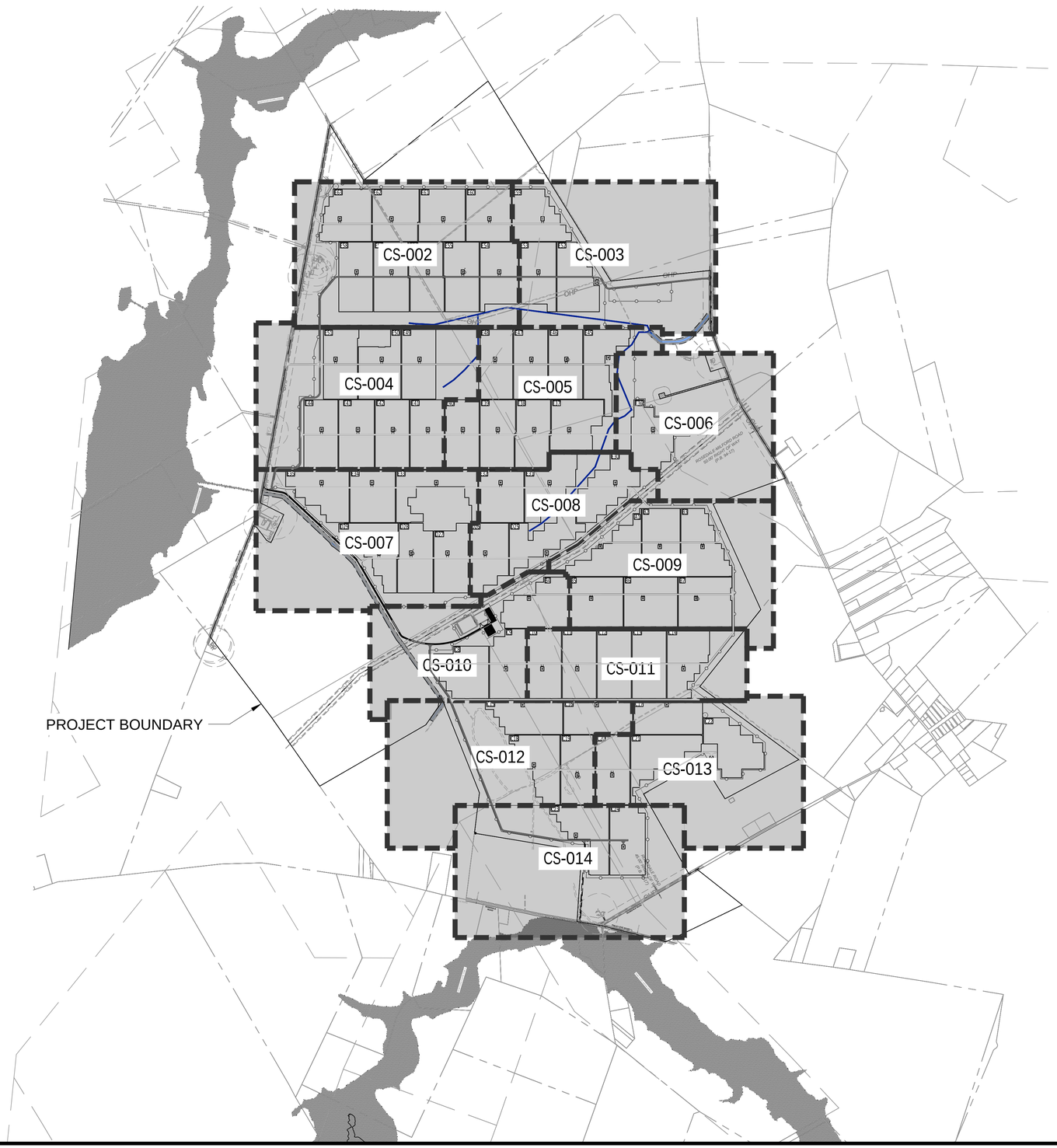
4872-7908-8641 v1 [88534-2]

Attachment 1
Memorandum Updated Engineering Design

A. Updated Engineering Drawings
B. Design Change Map
C. Map of Distance to Non-participating Parcel Residences

Attachment 1
Memorandum Updated Engineering Design

A. Updated Engineering Drawings



SITE PLAN LEGEND

- PROJECT BOUNDARY
- 7' AGRICULTURAL FENCE
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- 16' INVERTER ACCESS ROAD
- 20' SITE ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- LIMITS OF EXISTING STORMWATER STORAGE
- EXISTING DRAIN TILE ALIGNMENT - 24" CMP

NOTES

1. PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.

N

1000 0 1000 2000
SCALE IN FEET
SCALE: 1" = 1000'

REV	DESIGN BY	CHECKED BY	DATE
0	ISSUED FOR CONSTRUCTION		
	P. GREEN	N. BEECHER	10-26-22

MADISON FIELDS SOLAR PROJECT

Kiewit

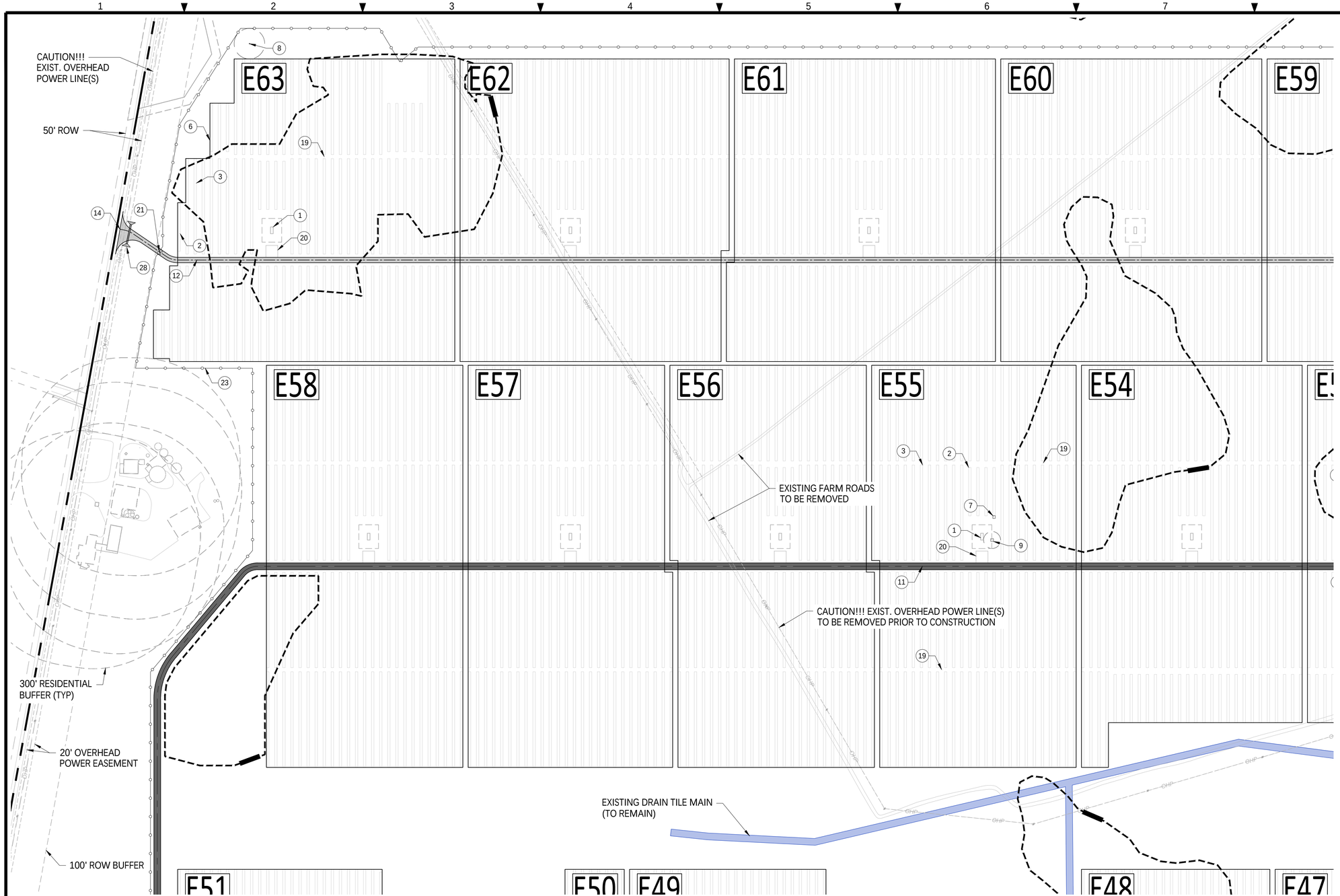
SAVION
A RENEWABLE ENERGY COMPANY

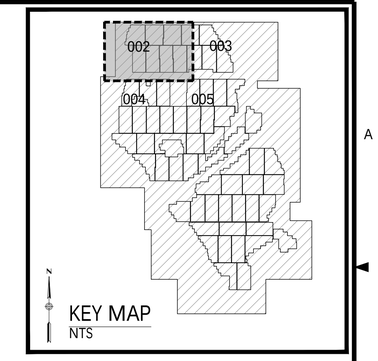
STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

CIVIL SITE KEY PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN
LEAD ENG	J. TUCKER
ENG MGR	T. BEST
PROJ MGR	T. BEST

DRAWING NUMBER
20036602-CS-001





NOTES:

1. SEE DRAWING 20036602-CS-001 FOR KEY PLAN.

SITE PLAN LEGEND

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- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
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KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' SITE ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' INVERTER ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVEWAY ENTRANCE (50' RADIUS RETURNS)		24	TEMPORARY CONSTRUCTION FENCE
	5	NOT USED		15	LAUNCH POINT		25	SUBSTATION FENCE (8' HEIGHT)
	6	BLOCK LIMITS		16	NOT USED		26	NOT USED
	7	RACK EXTENSION FOR SOILING STATION		17	NOT USED		27	NOT USED
	8	ALBEDO METER (45' RADIUS CLEARANCE)		18	CONSTRUCTION GATE		28	CULVERT
	9	WEATHER STATION (25' RADIUS CLEARANCE)		19	MOW GAP (12')		29	NOT USED
	10	NOT USED		20	TEMPORARY CRANE PAD (35'x35')		30	NOT USED

PROJECT COORDINATE SYSTEM

PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.

150 0 150 300
SCALE IN FEET
SCALE: 1" = 150'

REV	DESIGN BY	CHECKED BY	DATE
0	ISSUED FOR CONSTRUCTION		
	P. GREEN	N. BEECHER	10-26-22

MADISON FIELDS SOLAR PROJECT

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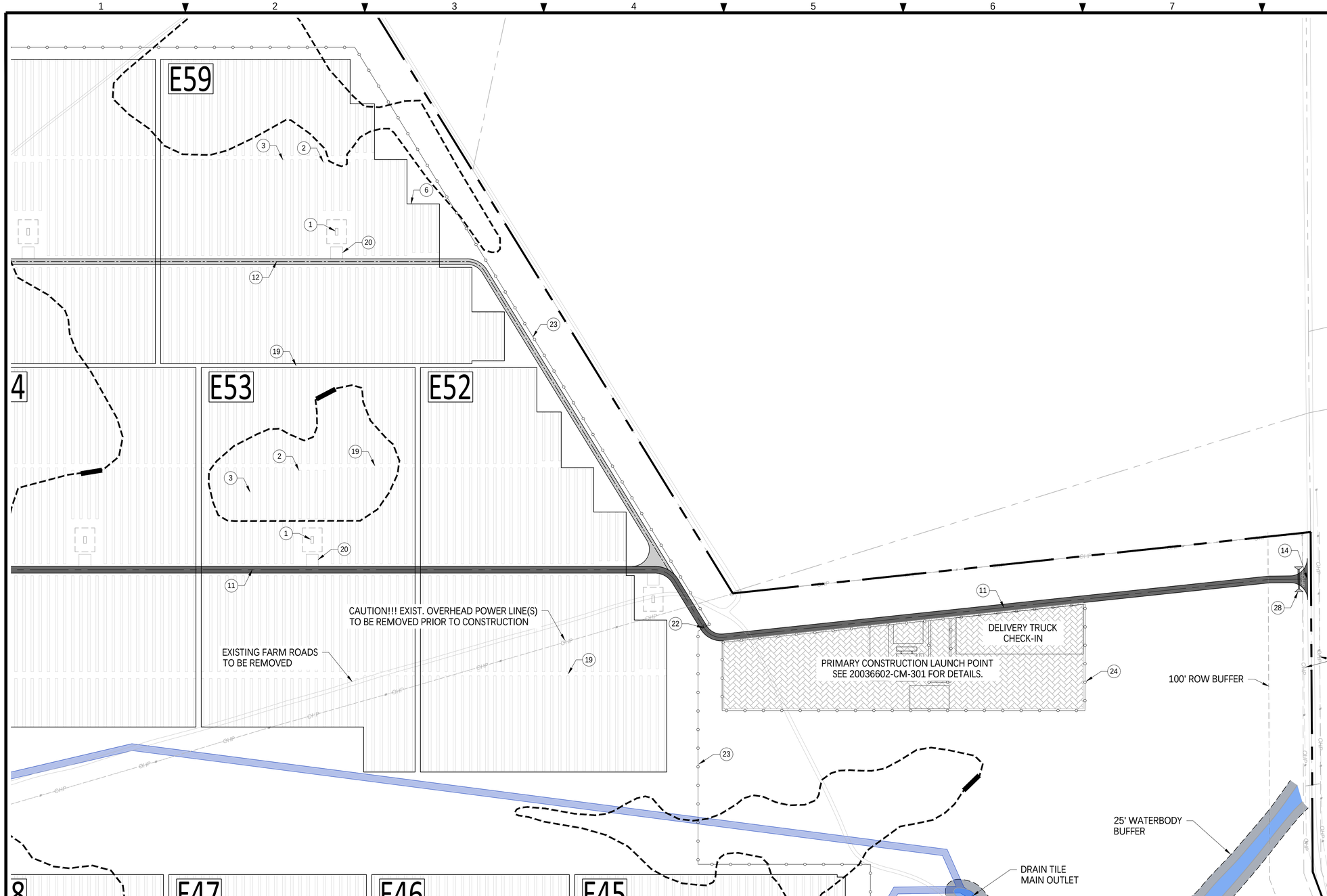
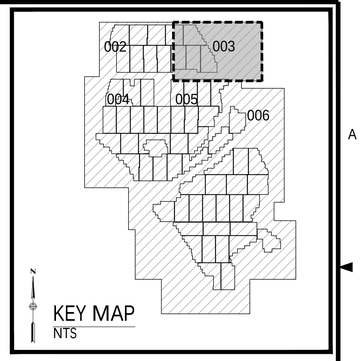
STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN
LEAD ENG	J. TUCKER
ENG MGR	T. BEST
PROJ MGR	T. BEST

DRAWING NUMBER
20036602-CS-002





NOTES:

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SITE PLAN LEGEND

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- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
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- 20' SITE ACCESS ROAD
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- LIMITS OF EXISTING STORMWATER STORAGE
- EXISTING DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' SITE ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
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	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVEWAY ENTRANCE (50' RADIUS RETURNS)		24	TEMPORARY CONSTRUCTION FENCE
	5	NOT USED		15	LAUNCH POINT		25	SUBSTATION FENCE (8' HEIGHT)
	6	BLOCK LIMITS		16	NOT USED		26	NOT USED
	7	RACK EXTENSION FOR SOILING STATION		17	NOT USED		27	NOT USED
	8	ALBEDO METER (45' RADIUS CLEARANCE)		18	CONSTRUCTION GATE		28	CULVERT
	9	WEATHER STATION (25' RADIUS CLEARANCE)		19	MOW GAP (12')		29	NOT USED
	10	NOT USED		20	TEMPORARY CRANE PAD (35'x35')		30	NOT USED

PROJECT COORDINATE SYSTEM

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150 0 150 300
SCALE IN FEET
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MADISON FIELDS SOLAR PROJECT

Kiewit

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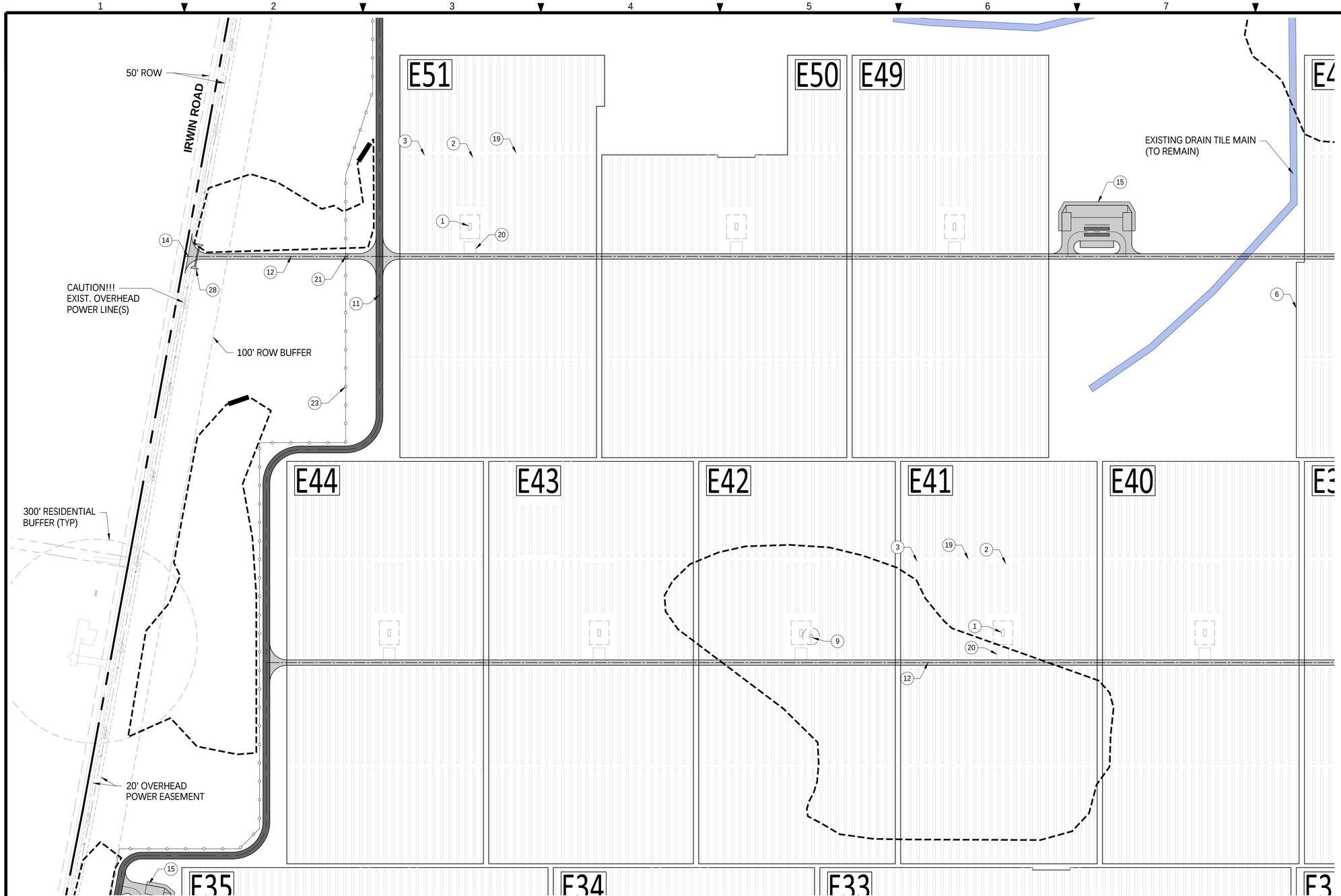
A RENEWABLE ENERGY COMPANY

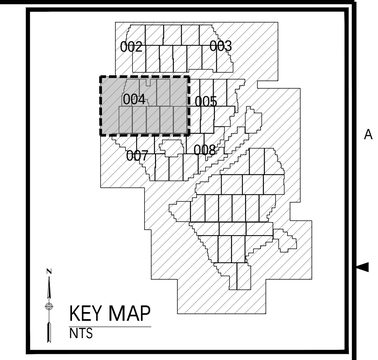
STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN
LEAD ENG	J. TUCKER
ENG MGR	T. BEST
PROJ MGR	T. BEST

DRAWING NUMBER
20036602-CS-003





NOTES:

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KEYNOTE LEGEND

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	9	WEATHER STATION (25' RADIUS CLEARANCE)		19	MOW GAP (12')		29	NOT USED
	10	NOT USED		20	TEMPORARY CRANE PAD (35'x35')		30	NOT USED

PROJECT COORDINATE SYSTEM

PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.

150 0 150 300
SCALE IN FEET
SCALE: 1" = 150'

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MADISON FIELDS SOLAR PROJECT

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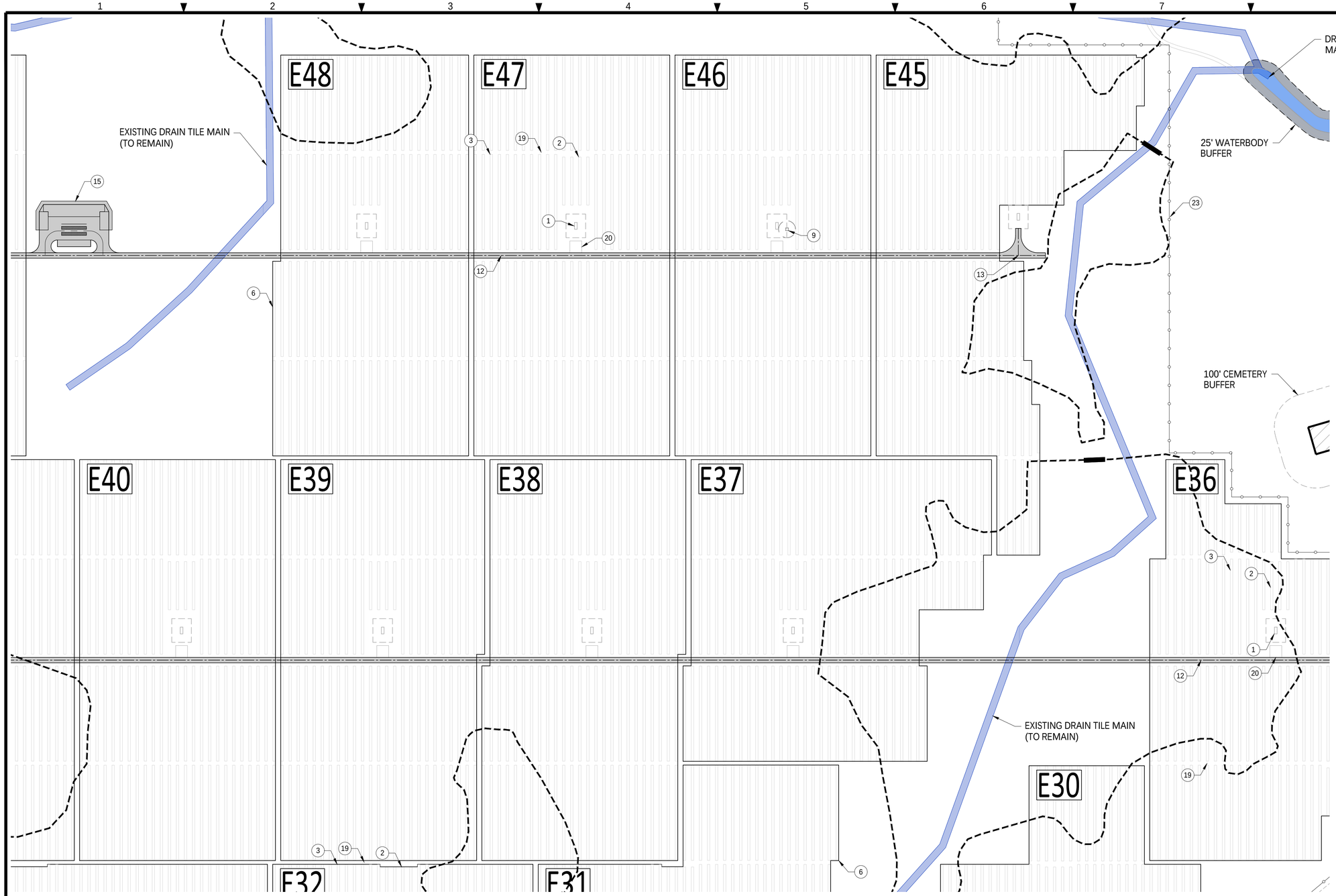
A RENEWABLE ENERGY COMPANY

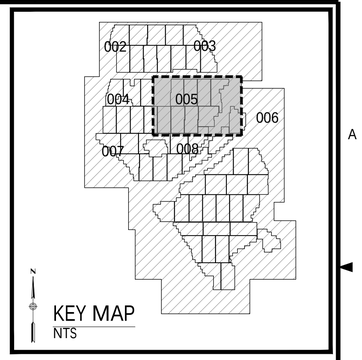
STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN
LEAD ENG	J. TUCKER
ENG MGR	T. BEST
PROJ MGR	T. BEST

DRAWING NUMBER
20036602-CS-004





NOTES:

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SITE PLAN LEGEND

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KEYNOTE LEGEND

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SOLAR	1	INVERTER SKID	SITE	11	20' SITE ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
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PROJECT COORDINATE SYSTEM

PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.

150 0 150 300
SCALE IN FEET
SCALE: 1" = 150'

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MADISON FIELDS SOLAR PROJECT

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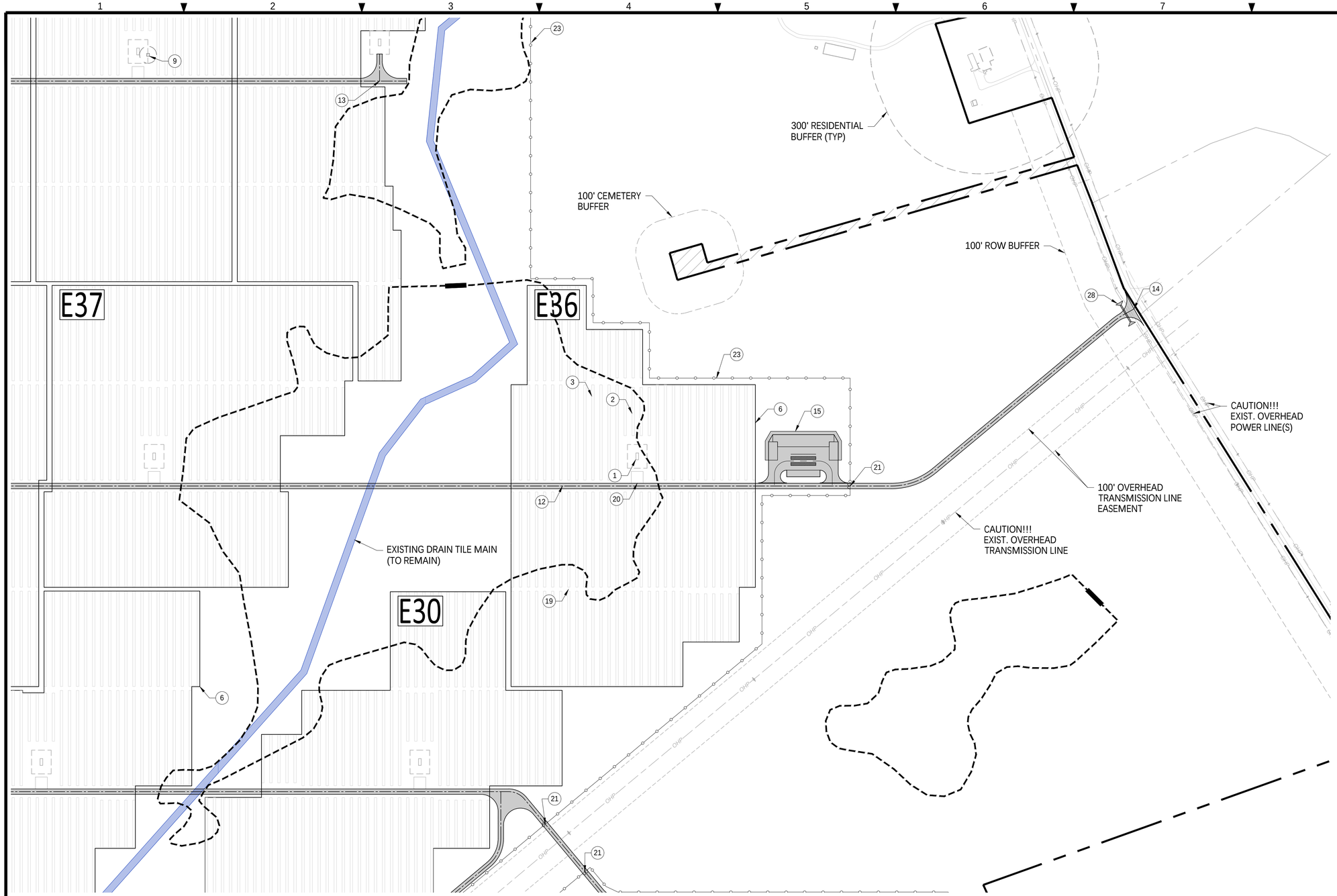
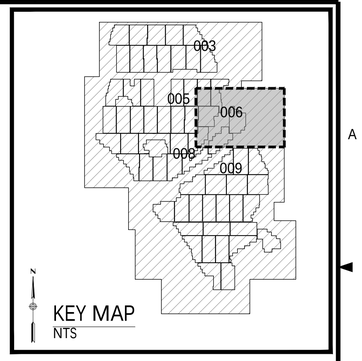
A RENEWABLE ENERGY COMPANY

STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

		DRAWING NUMBER
ENGINEER/DESIGN ORIGINATOR	P. GREEN	20036602-CS-005
LEAD ENG	J. TUCKER	
ENG MGR	T. BEST	
PROJ MGR	T. BEST	





NOTES:

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SITE PLAN LEGEND

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- EXISTING DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

SOLAR	DESCRIPTION	SITE	DESCRIPTION	FENCING, GATES, EROSION, AND STORM STRUCTURES	DESCRIPTION
1	INVERTER SKID	11	20' SITE ACCESS ROAD	21	DOUBLE SWING GATE (20' WIDE)
2	1-STRING TABLE	12	16' INVERTER ACCESS ROAD	22	DOUBLE SWING GATE (24' WIDE)
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10	NOT USED	20	TEMPORARY CRANE PAD (35'x35')	30	NOT USED

PROJECT COORDINATE SYSTEM

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150 0 150 300
SCALE IN FEET
SCALE: 1" = 150'

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MADISON FIELDS SOLAR PROJECT

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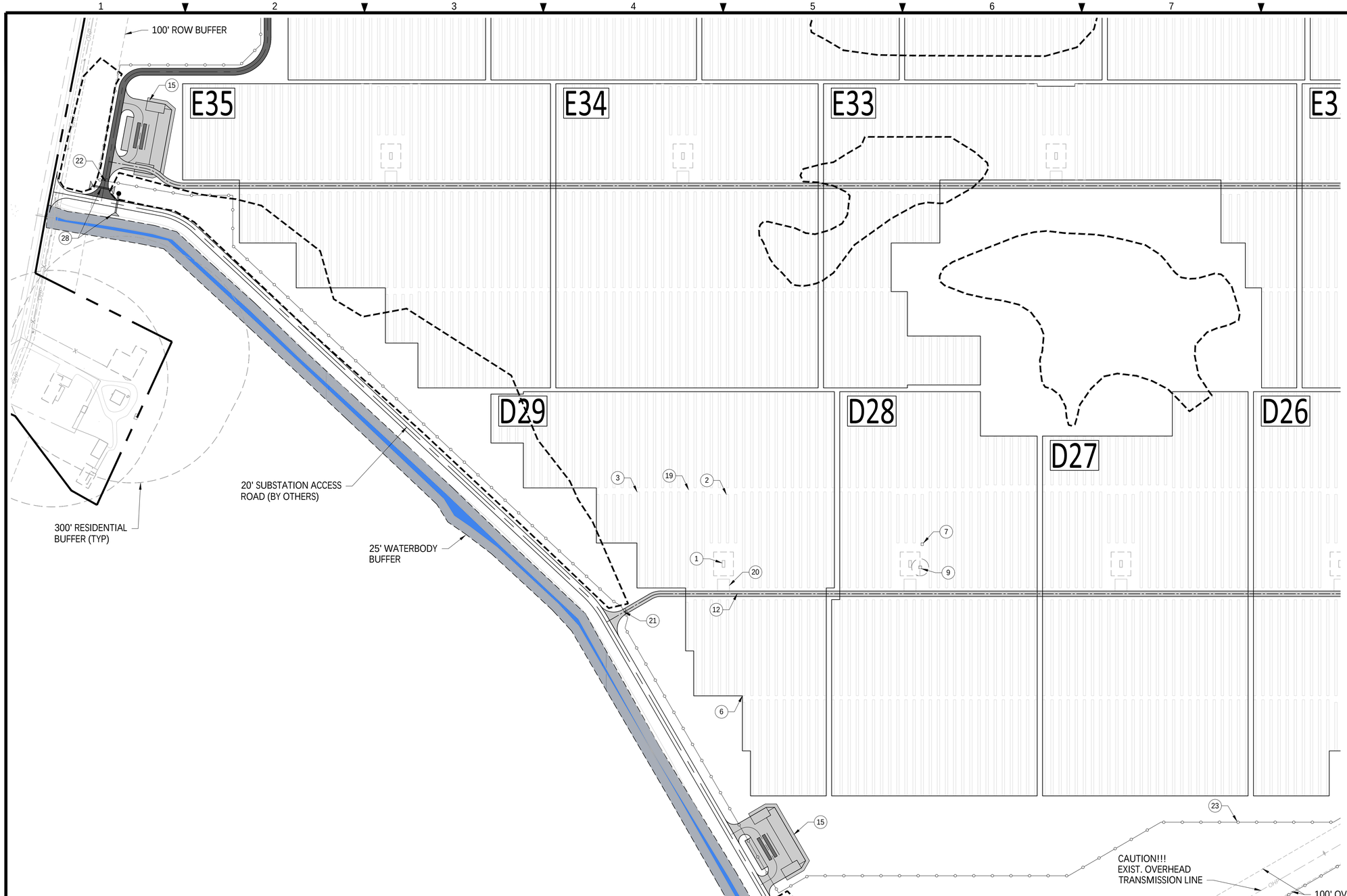
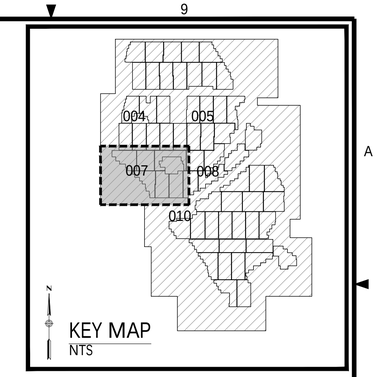
STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

		DRAWING NUMBER
ENGINEER/DESIGN ORIGINATOR	P. GREEN	20036602-CS-006
LEAD ENG	J. TUCKER	
ENG MGR	T. BEST	
PROJ MGR	T. BEST	





NOTES:

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SITE PLAN LEGEND

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KEYNOTE LEGEND

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SOLAR	1	INVERTER SKID	SITE	11	20' SITE ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
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PROJECT COORDINATE SYSTEM

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150 0 150 300
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MADISON FIELDS SOLAR PROJECT

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SAVION A RENEWABLE ENERGY COMPANY

STATE OF OHIO
JOHN TUCKER
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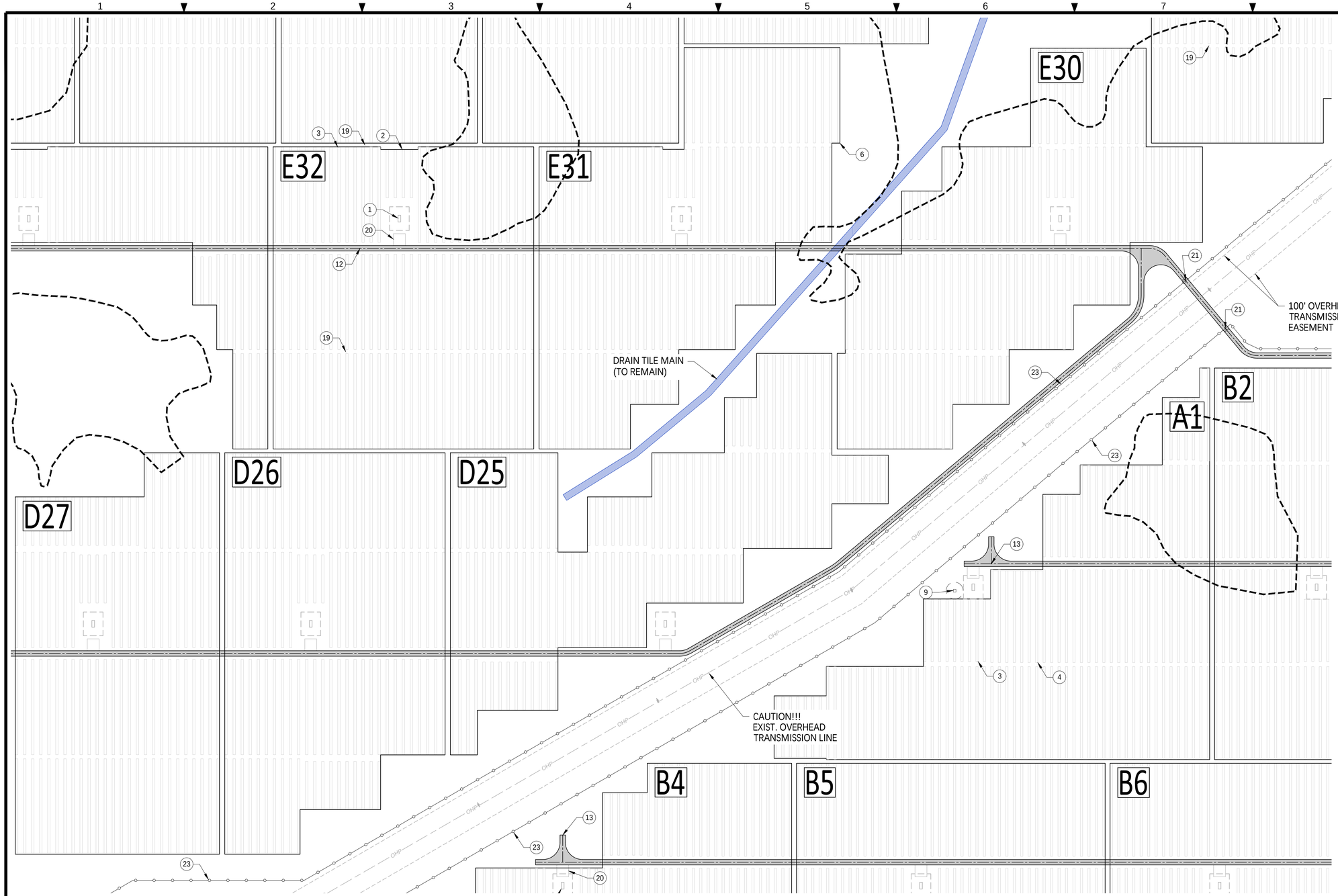
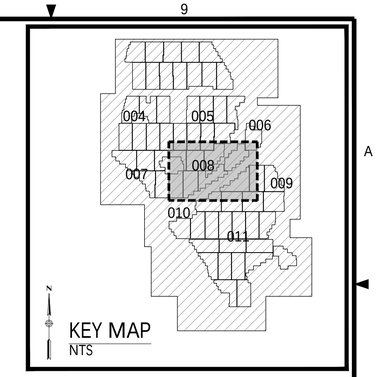
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN
LEAD ENG	J. TUCKER
ENG MGR	T. BEST
PROJ MGR	T. BEST

DRAWING NUMBER
20036602-CS-007





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KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' SITE ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' INVERTER ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
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	5	NOT USED		15	LAUNCH POINT		25	SUBSTATION FENCE (8' HEIGHT)
	6	BLOCK LIMITS		16	NOT USED		26	NOT USED
	7	RACK EXTENSION FOR SOILING STATION		17	NOT USED		27	NOT USED
	8	ALBEDO METER (45' RADIUS CLEARANCE)		18	CONSTRUCTION GATE		28	CULVERT
	9	WEATHER STATION (25' RADIUS CLEARANCE)		19	MOW GAP (12')		29	NOT USED
	10	NOT USED		20	TEMPORARY CRANE PAD (35'x35')		30	NOT USED

PROJECT COORDINATE SYSTEM

PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.

150 0 150 300
SCALE IN FEET
SCALE: 1" = 150'

N

REV	DESIGN BY	CHECKED BY	DATE
0	ISSUED FOR CONSTRUCTION		
	P. GREEN	N. BEECHER	10-26-22

MADISON FIELDS SOLAR PROJECT

Kiewit

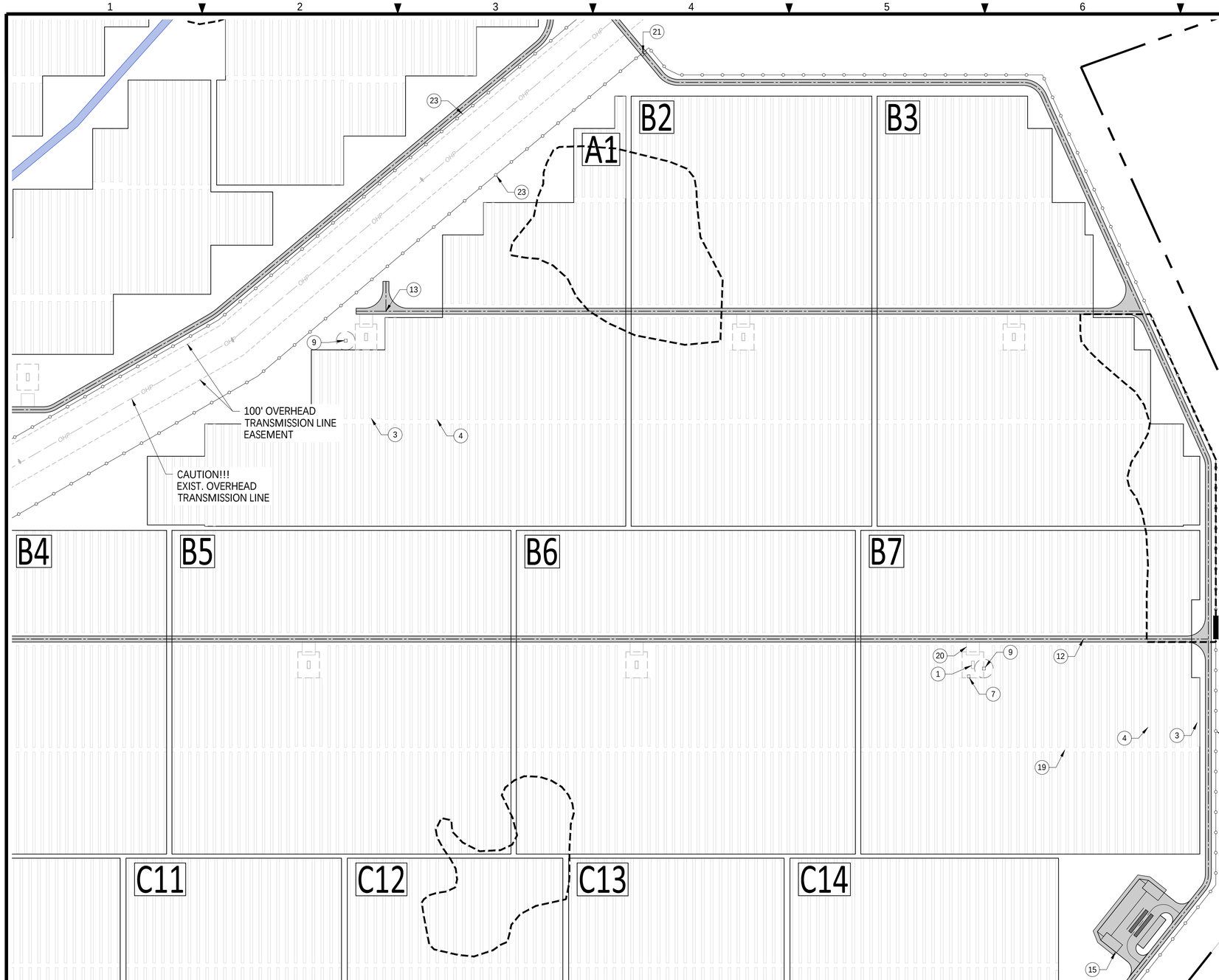
SAVION
A RENEWABLE ENERGY COMPANY

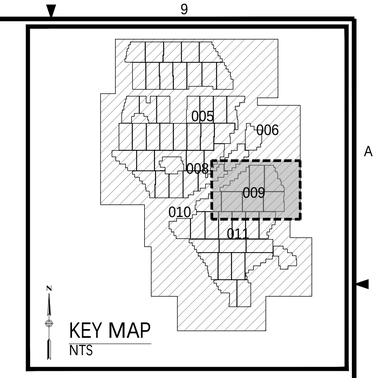
STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

ENGINEER/DESIGN	
ORIGINATOR	P. GREEN
LEAD ENG	J. TUCKER
ENG MGR	T. BEST
PROJ MGR	T. BEST

DRAWING NUMBER
20036602-CS-008





NOTES:

1. SEE DRAWING 20036602-CS-001 FOR KEY PLAN.

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' SITE ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- LIMITS OF EXISTING STORMWATER STORAGE
- EXISTING DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' SITE ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' INVERTER ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVEWAY ENTRANCE (50' RADIUS RETURNS)		24	TEMPORARY CONSTRUCTION FENCE
	5	NOT USED		15	LAUNCH POINT		25	SUBSTATION FENCE (8' HEIGHT)
	6	BLOCK LIMITS		16	NOT USED		26	NOT USED
	7	RACK EXTENSION FOR SOILING STATION		17	NOT USED		27	NOT USED
	8	ALBEDO METER (45' RADIUS CLEARANCE)		18	CONSTRUCTION GATE		28	CULVERT
	9	WEATHER STATION (25' RADIUS CLEARANCE)		19	MOW GAP (12')		29	NOT USED
	10	NOT USED		20	TEMPORARY CRANE PAD (35'x35')		30	NOT USED

PROJECT COORDINATE SYSTEM

PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.

150 0 150 300
SCALE IN FEET
SCALE: 1" = 150'

N

REV	DESIGN BY	CHECKED BY	DATE
0	ISSUED FOR CONSTRUCTION		
	P. GREEN	N. BEECHER	10-26-22

MADISON FIELDS SOLAR PROJECT

Kiewit

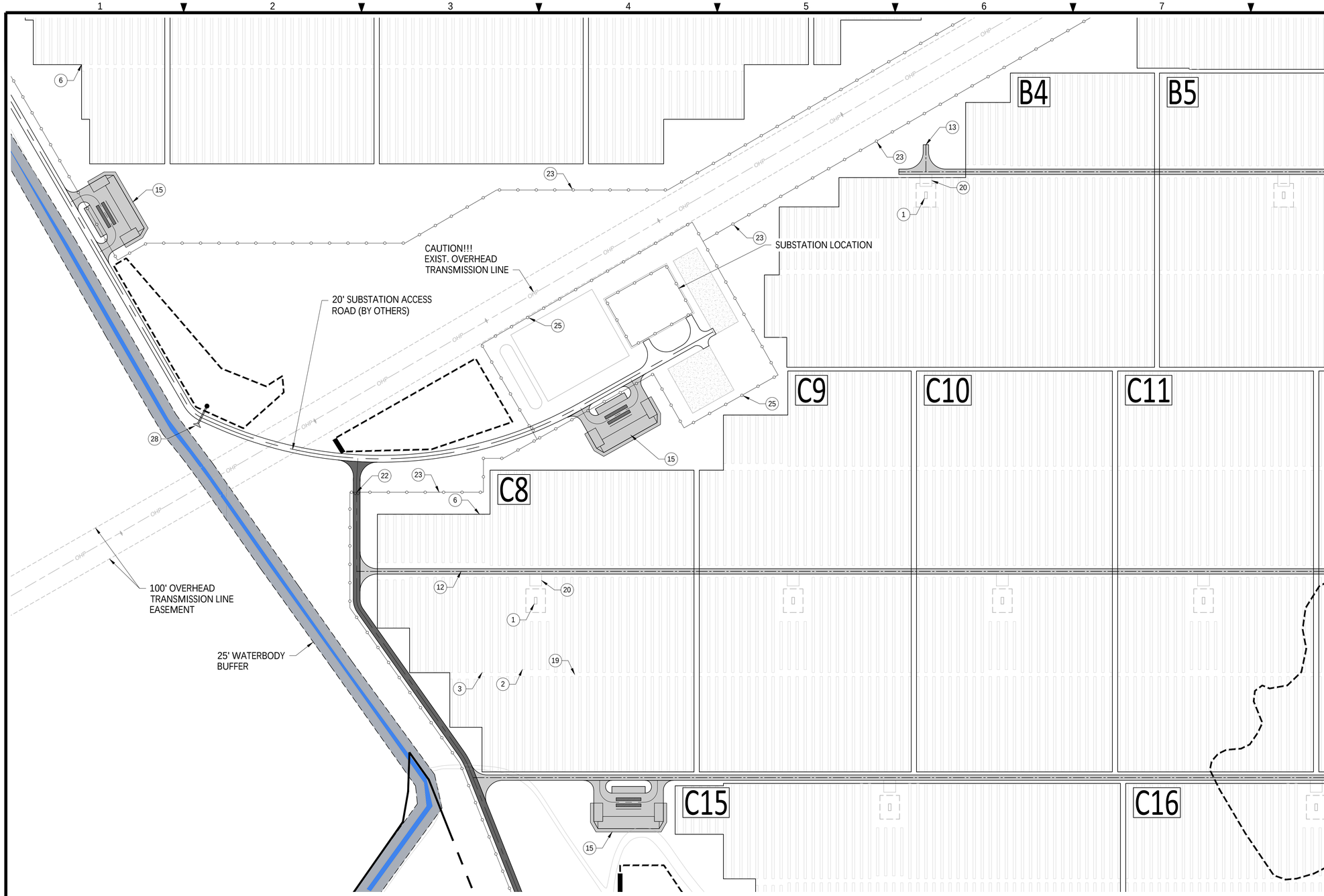
SAVION
A RENEWABLE ENERGY COMPANY

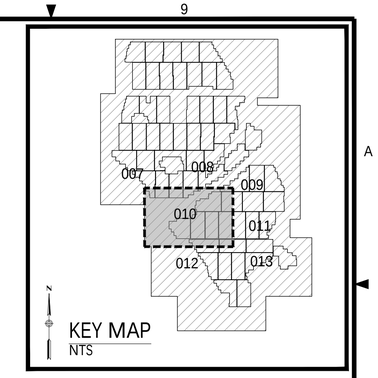
STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN
LEAD ENG	J. TUCKER
ENG MGR	T. BEST
PROJ MGR	T. BEST

DRAWING NUMBER
20036602-CS-009





NOTES:

1. SEE DRAWING 20036602-CS-001 FOR KEY PLAN.

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' SITE ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- LIMITS OF EXISTING STORMWATER STORAGE
- EXISTING DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' SITE ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' INVERTER ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVEWAY ENTRANCE (50' RADIUS RETURNS)		24	TEMPORARY CONSTRUCTION FENCE
	5	NOT USED		15	LAUNCH POINT		25	SUBSTATION FENCE (8' HEIGHT)
	6	BLOCK LIMITS		16	NOT USED		26	NOT USED
	7	RACK EXTENSION FOR SOILING STATION		17	NOT USED		27	NOT USED
	8	ALBEDO METER (45' RADIUS CLEARANCE)		18	CONSTRUCTION GATE		28	CULVERT
	9	WEATHER STATION (25' RADIUS CLEARANCE)		19	MOW GAP (12')		29	NOT USED
	10	NOT USED		20	TEMPORARY CRANE PAD (35'x35')		30	NOT USED

PROJECT COORDINATE SYSTEM

100' OVERHEAD TRANSMISSION LINE EASEMENT

YSTEM IS NAD83 OHIO ONE, US FOOT.

150 0 150 300
SCALE IN FEET
SCALE: 1" = 150'

N

REV	DESIGN BY	CHECKED BY	DATE
0	ISSUED FOR CONSTRUCTION		
	P. GREEN	N. BEECHER	10-26-22

MADISON FIELDS SOLAR PROJECT

Kiewit

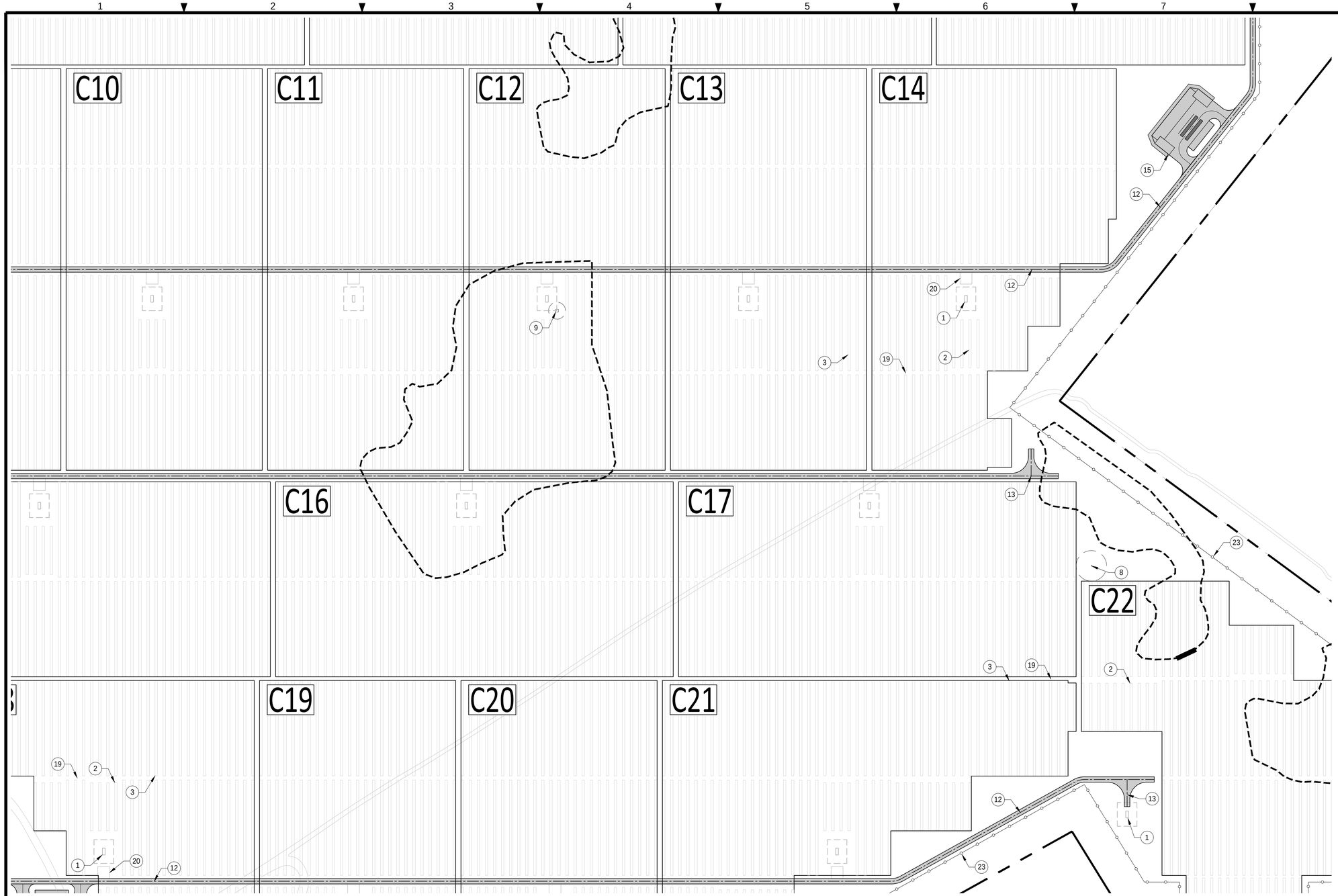
SAVION
A RENEWABLE ENERGY COMPANY

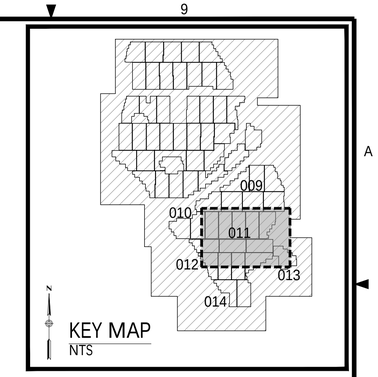
STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN
LEAD ENG	J. TUCKER
ENG MGR	T. BEST
PROJ MGR	T. BEST

DRAWING NUMBER
20036602-CS-010





NOTES:

1. SEE DRAWING 20036602-CS-001 FOR KEY PLAN.

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' SITE ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- LIMITS OF EXISTING STORMWATER STORAGE
- EXISTING DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' SITE ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' INVERTER ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVEWAY ENTRANCE (50' RADIUS RETURNS)		24	TEMPORARY CONSTRUCTION FENCE
	5	NOT USED		15	LAUNCH POINT		25	SUBSTATION FENCE (8' HEIGHT)
	6	BLOCK LIMITS		16	NOT USED		26	NOT USED
	7	RACK EXTENSION FOR SOILING STATION		17	NOT USED		27	NOT USED
	8	ALBEDO METER (45' RADIUS CLEARANCE)		18	CONSTRUCTION GATE		28	CULVERT
	9	WEATHER STATION (25' RADIUS CLEARANCE)		19	MOW GAP (12')		29	NOT USED
	10	NOT USED		20	TEMPORARY CRANE PAD (35'x35')		30	NOT USED

PROJECT COORDINATE SYSTEM

PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.

150 0 150 300
SCALE IN FEET
SCALE: 1" = 150'

N

REV	DESIGN BY	CHECKED BY	DATE
0	ISSUED FOR CONSTRUCTION		
	P. GREEN	N. BEECHER	10-26-22

MADISON FIELDS SOLAR PROJECT

Kiewit

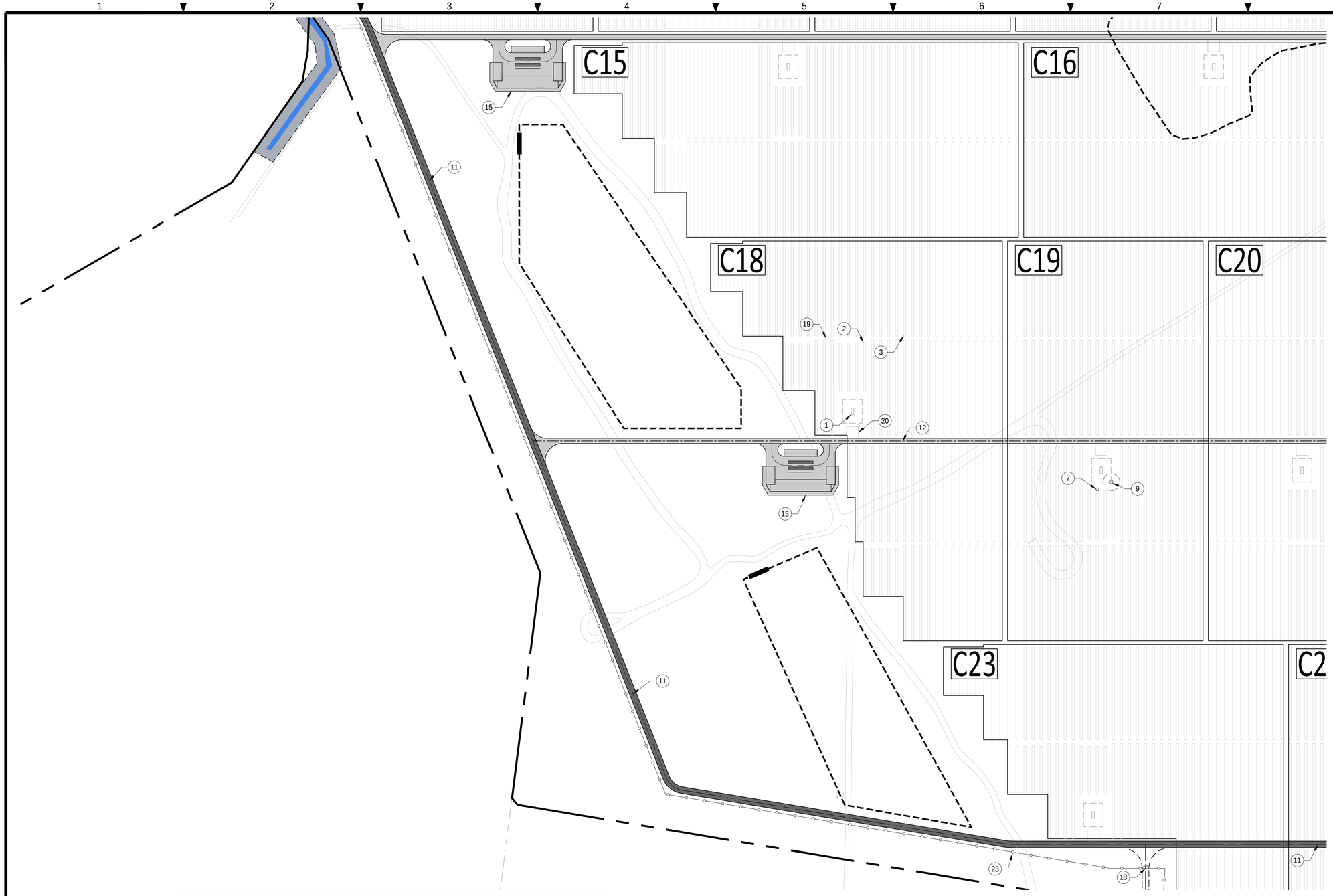
SAVION
A RENEWABLE ENERGY COMPANY

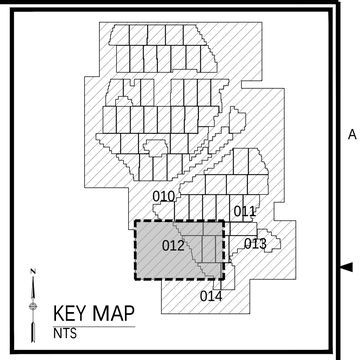
STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN
LEAD ENG	J. TUCKER
ENG MGR	T. BEST
PROJ MGR	T. BEST

DRAWING NUMBER
20036602-CS-011





NOTES:

1. SEE DRAWING 20036602-CS-001 FOR KEY PLAN.

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' SITE ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- LIMITS OF EXISTING STORMWATER STORAGE
- EXISTING DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' SITE ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' INVERTER ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVEWAY ENTRANCE (50' RADIUS RETURNS)		24	TEMPORARY CONSTRUCTION FENCE
	5	NOT USED		15	LAUNCH POINT		25	SUBSTATION FENCE (8' HEIGHT)
	6	BLOCK LIMITS		16	NOT USED		26	NOT USED
	7	RACK EXTENSION FOR SOILING STATION		17	NOT USED		27	NOT USED
	8	ALBEDO METER (45' RADIUS CLEARANCE)		18	CONSTRUCTION GATE		28	CULVERT
	9	WEATHER STATION (25' RADIUS CLEARANCE)		19	MOW GAP (12')		29	NOT USED
	10	NOT USED		20	TEMPORARY CRANE PAD (35'x35')		30	NOT USED

PROJECT COORDINATE SYSTEM

PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.

150 0 150 300
SCALE IN FEET
SCALE: 1" = 150'

N

REV	DESIGN BY	CHECKED BY	DATE
0	ISSUED FOR CONSTRUCTION		
	P. GREEN	N. BEECHER	10-26-22

MADISON FIELDS SOLAR PROJECT

Kiewit

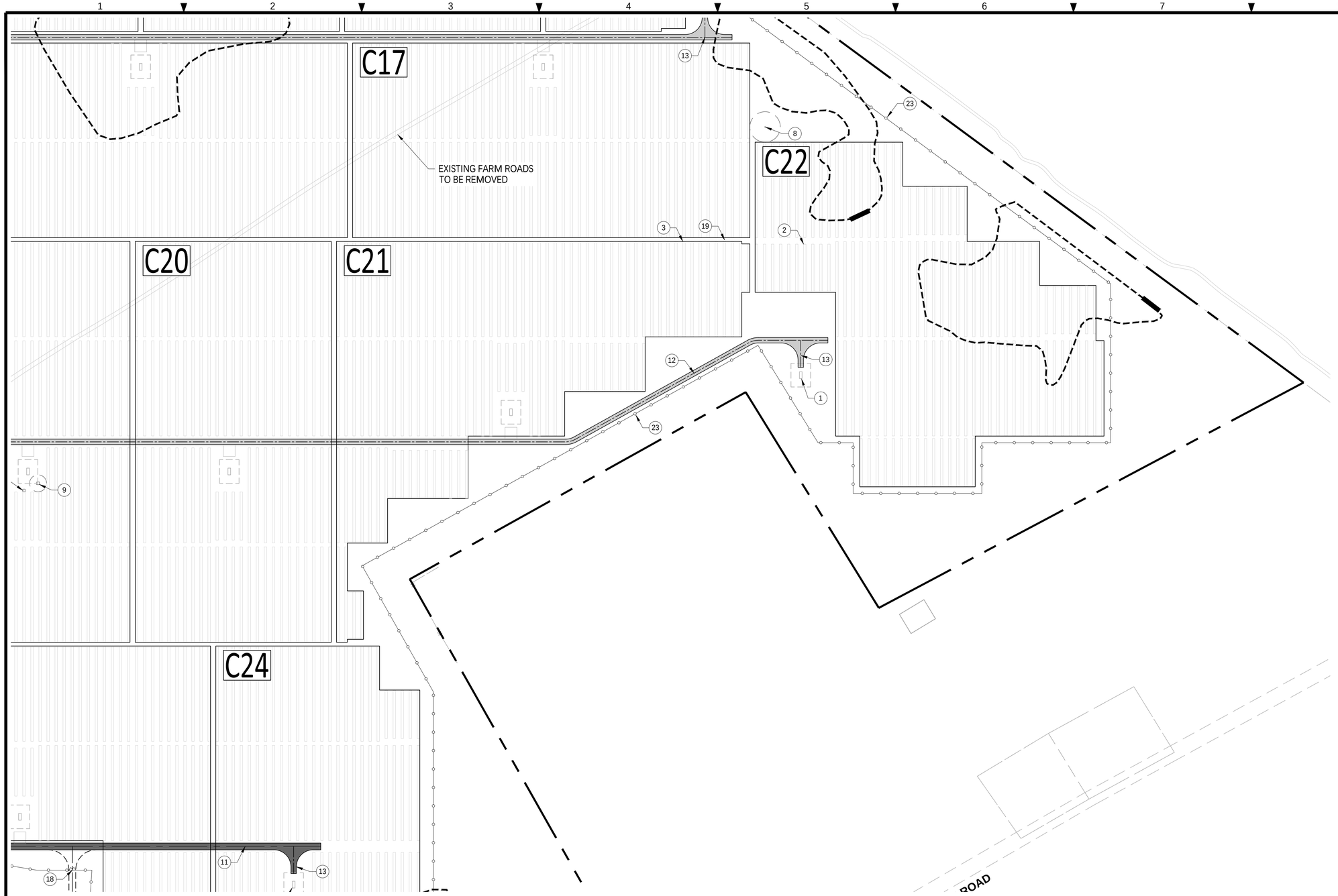
SAVION
A RENEWABLE ENERGY COMPANY

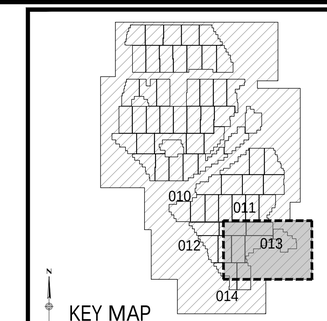
STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN
LEAD ENG	J. TUCKER
ENG MGR	T. BEST
PROJ MGR	T. BEST

DRAWING NUMBER
20036602-CS-012





NOTES:

1. SEE DRAWING 20036602-CS-001 FOR KEY PLAN.

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' SITE ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- LIMITS OF EXISTING STORMWATER STORAGE
- EXISTING DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' SITE ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' INVERTER ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVEWAY ENTRANCE (50' RADIUS RETURNS)		24	TEMPORARY CONSTRUCTION FENCE
	5	NOT USED		15	LAUNCH POINT		25	SUBSTATION FENCE (8' HEIGHT)
	6	BLOCK LIMITS		16	NOT USED		26	NOT USED
	7	RACK EXTENSION FOR SOILING STATION		17	NOT USED		27	NOT USED
	8	ALBEDO METER (45' RADIUS CLEARANCE)		18	CONSTRUCTION GATE		28	CULVERT
	9	WEATHER STATION (25' RADIUS CLEARANCE)		19	MOW GAP (12')		29	NOT USED
	10	NOT USED		20	TEMPORARY CRANE PAD (35'x35')		30	NOT USED

PROJECT COORDINATE SYSTEM

PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.

150 0 150 300
SCALE IN FEET
SCALE: 1" = 150'

N

REV	DESIGN BY	CHECKED BY	DATE
0	ISSUED FOR CONSTRUCTION		
	P. GREEN	N. BEECHER	10-26-22

MADISON FIELDS SOLAR PROJECT

Kiewit

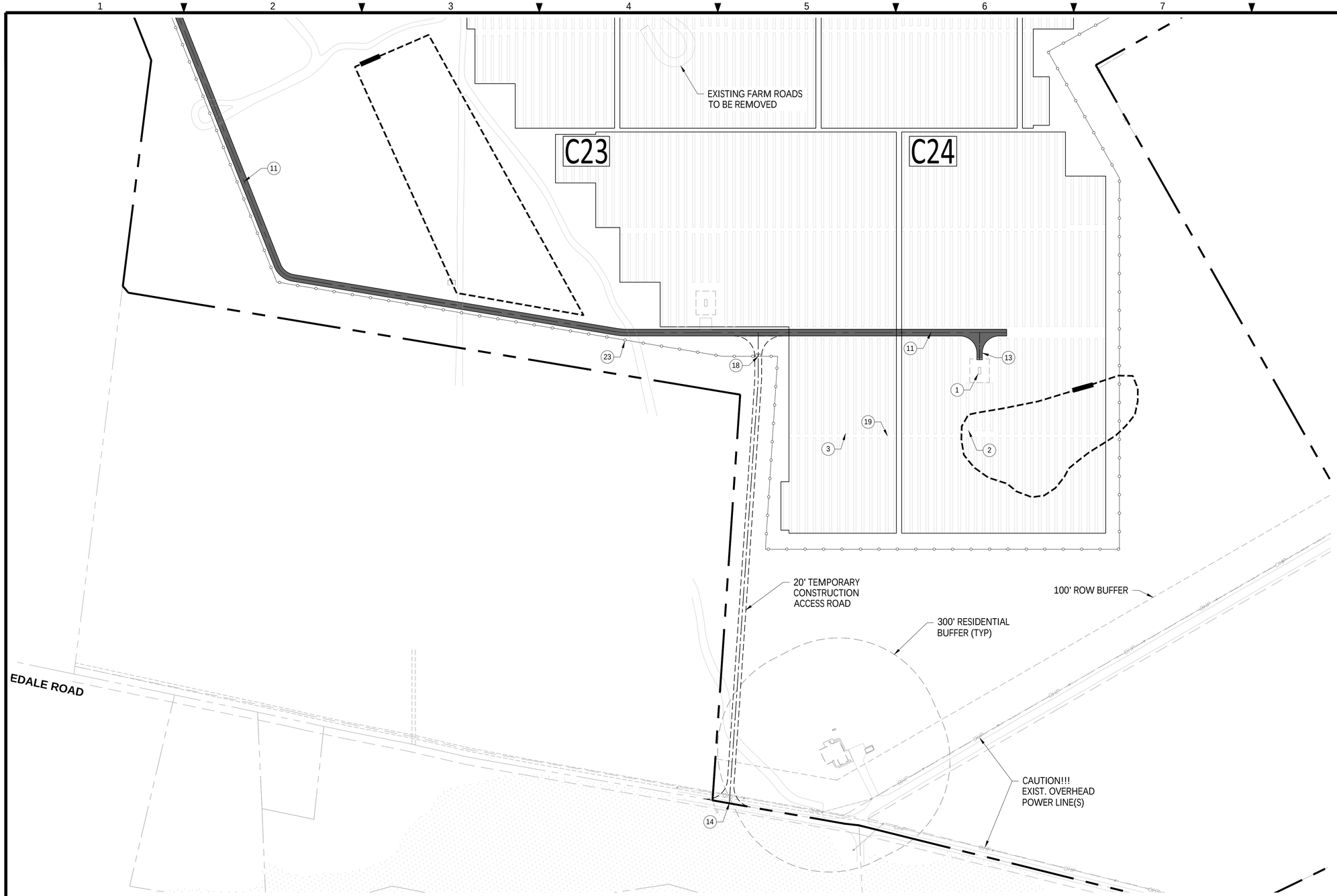
SAVION
A RENEWABLE ENERGY COMPANY

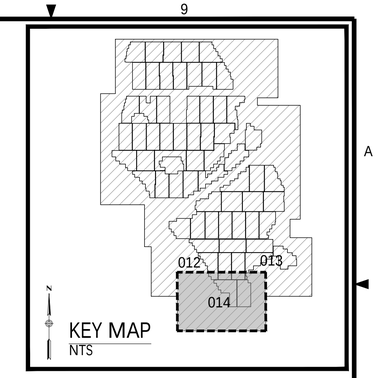
STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN
LEAD ENG	J. TUCKER
ENG MGR	T. BEST
PROJ MGR	T. BEST

DRAWING NUMBER
20036602-CS-013





NOTES:

1. SEE DRAWING 20036602-CS-001 FOR KEY PLAN.

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' SITE ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- LIMITS OF EXISTING STORMWATER STORAGE
- EXISTING DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' SITE ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' INVERTER ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVEWAY ENTRANCE (50' RADIUS RETURNS)		24	TEMPORARY CONSTRUCTION FENCE
	5	NOT USED		15	LAUNCH POINT		25	SUBSTATION FENCE (8' HEIGHT)
	6	BLOCK LIMITS		16	NOT USED		26	NOT USED
	7	RACK EXTENSION FOR SOILING STATION		17	NOT USED		27	NOT USED
	8	ALBEDO METER (45' RADIUS CLEARANCE)		18	CONSTRUCTION GATE		28	CULVERT
	9	WEATHER STATION (25' RADIUS CLEARANCE)		19	MOW GAP (12')		29	NOT USED
	10	NOT USED		20	TEMPORARY CRANE PAD (35'x35')		30	NOT USED

PROJECT COORDINATE SYSTEM

PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.

150 0 150 300
SCALE IN FEET
SCALE: 1" = 150'

REV	DESIGN BY	CHECKED BY	DATE
0	ISSUED FOR CONSTRUCTION		
	P. GREEN	N. BEECHER	10-26-22

MADISON FIELDS SOLAR PROJECT

Kiewit

SAVION
A RENEWABLE ENERGY COMPANY

STATE OF OHIO
JOHN TUCKER
E-88074
REGISTERED
PROFESSIONAL ENGINEER

SITE PLAN

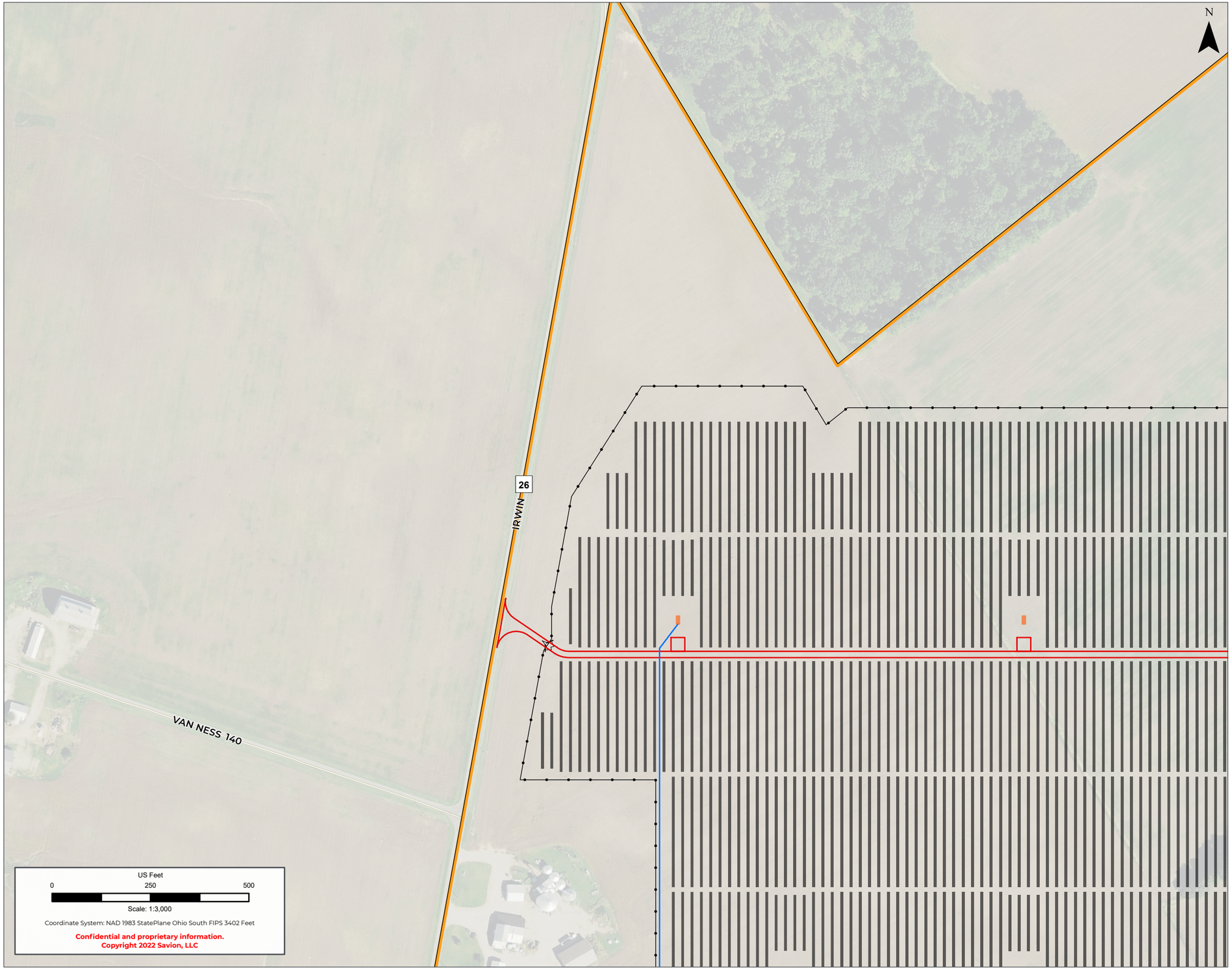
		DRAWING NUMBER
ENGINEER/DESIGN ORIGINATOR	P. GREEN	20036602-CS-014
LEAD ENG	J. TUCKER	
ENG MGR	T. BEST	
PROJ MGR	T. BEST	

Attachment 1
Memorandum Updated Engineering Design

B. Design Change Map

MADISON FIELDS SOLAR PROJECT

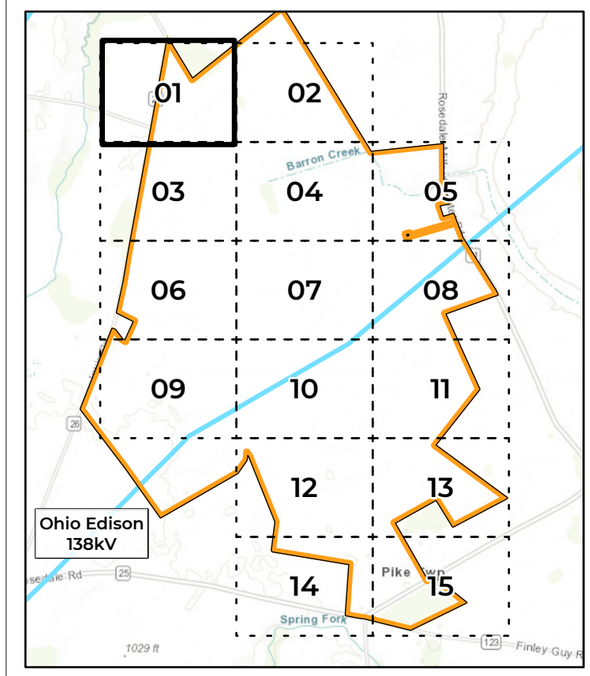
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- Access Road
- Security Fence
- Gate



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

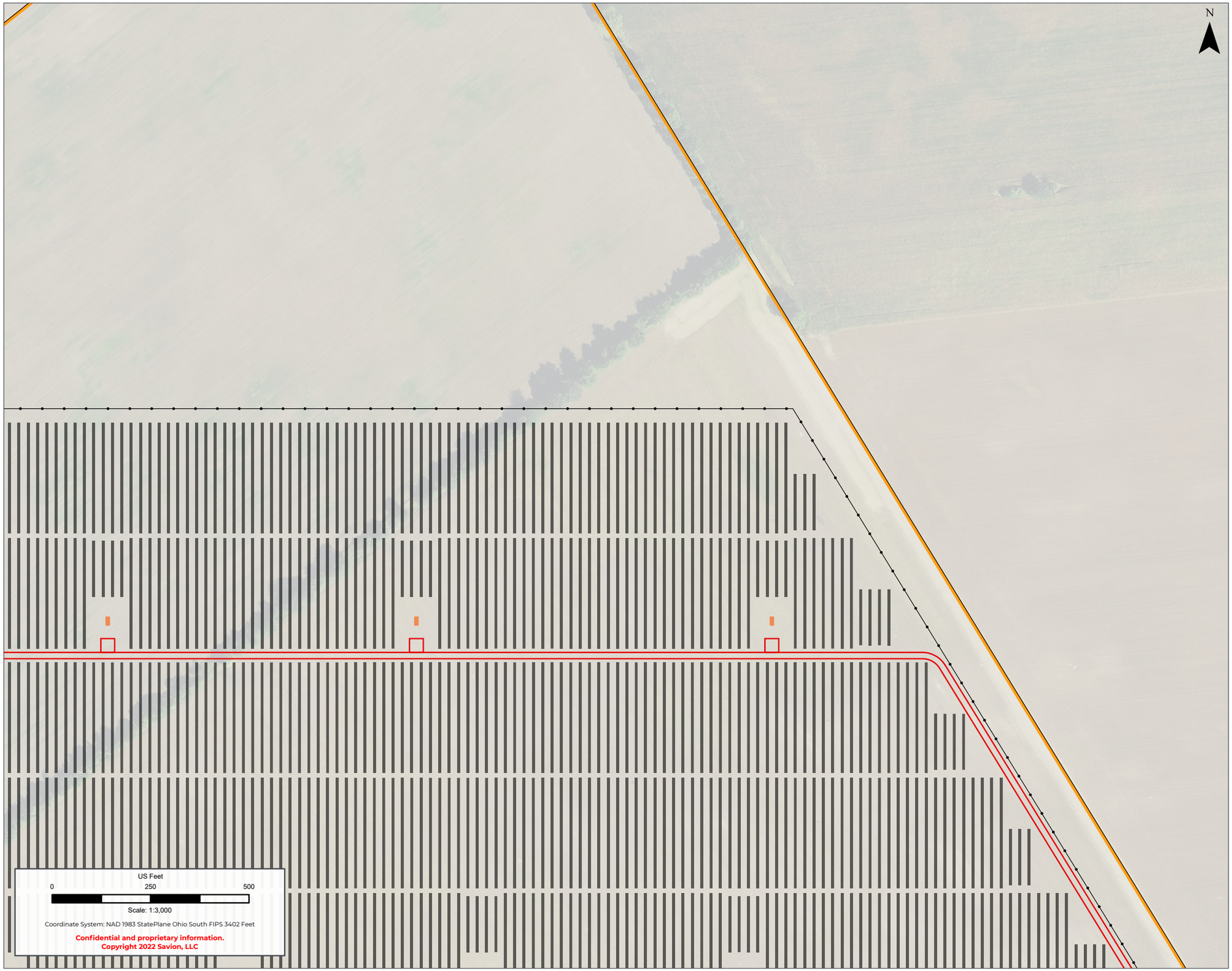
PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (1 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

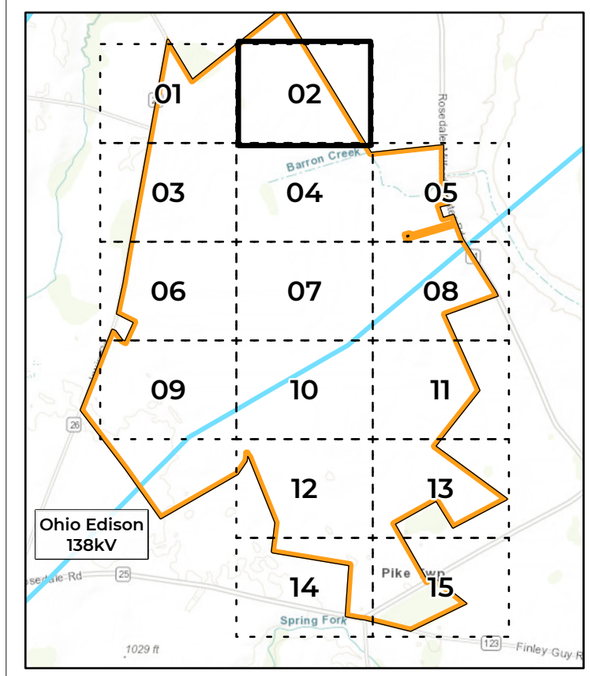
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- Access Road
- Security Fence



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

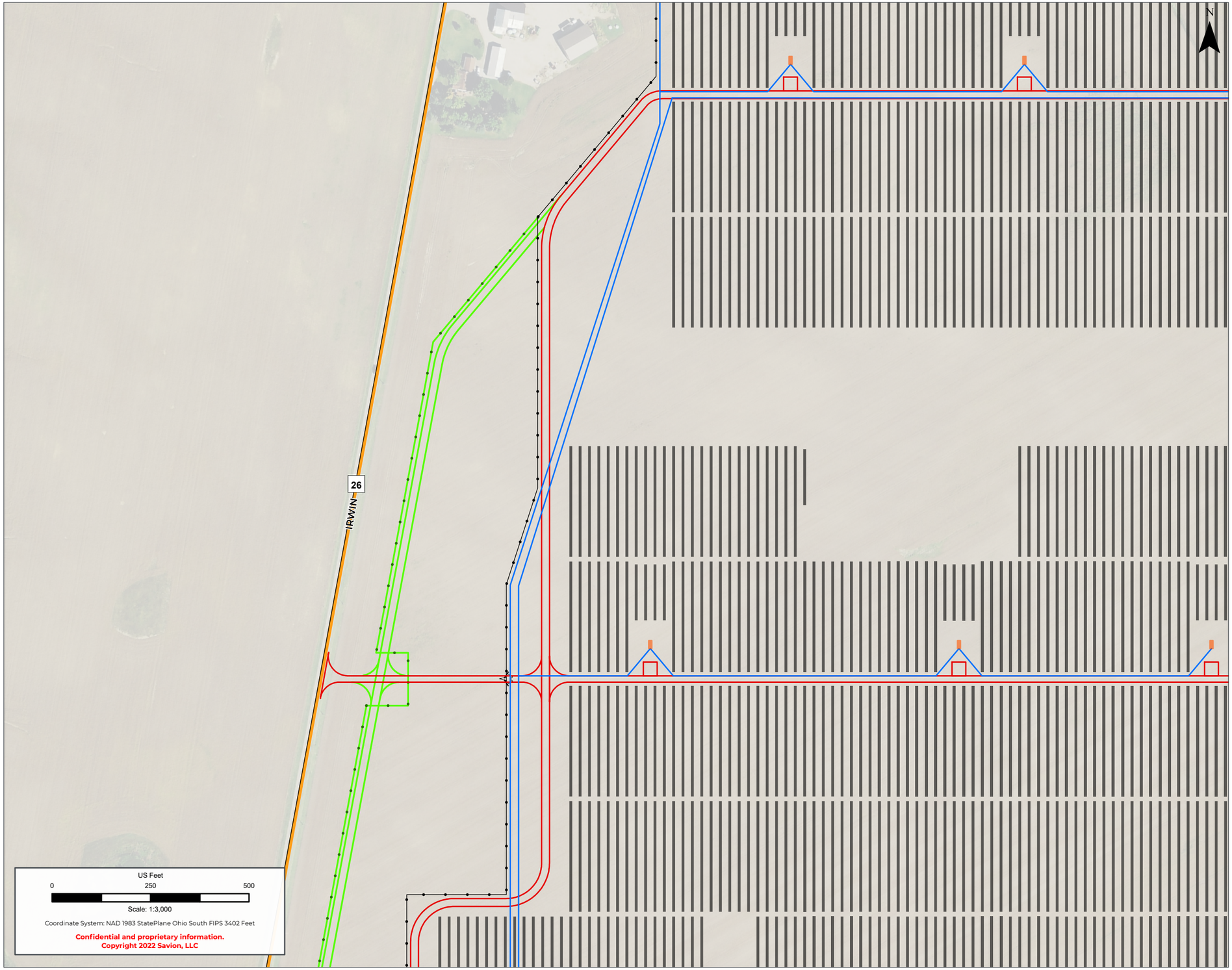
PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (2 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

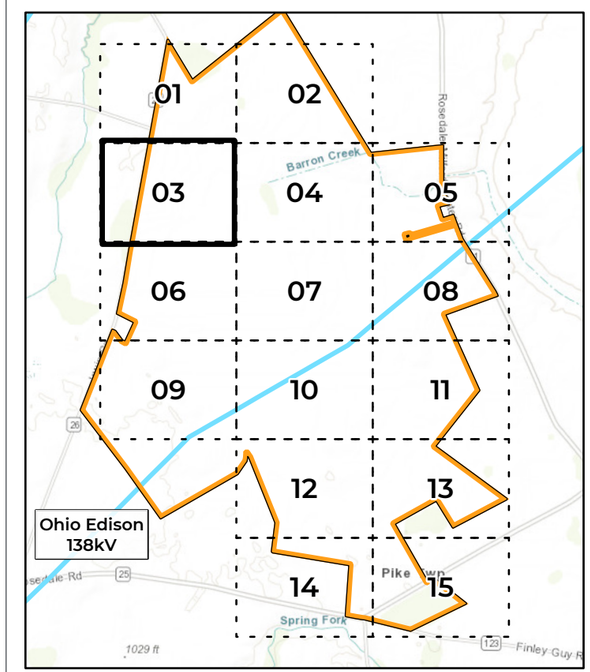
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary
Access Road (A010 - 09/28/2022)
Security Fence (A010 - 09/28/2022)

SOLAR LAYOUT (10/25/2022)

Inverter
Panel
UG Collection
Access Road
Security Fence
Gate



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

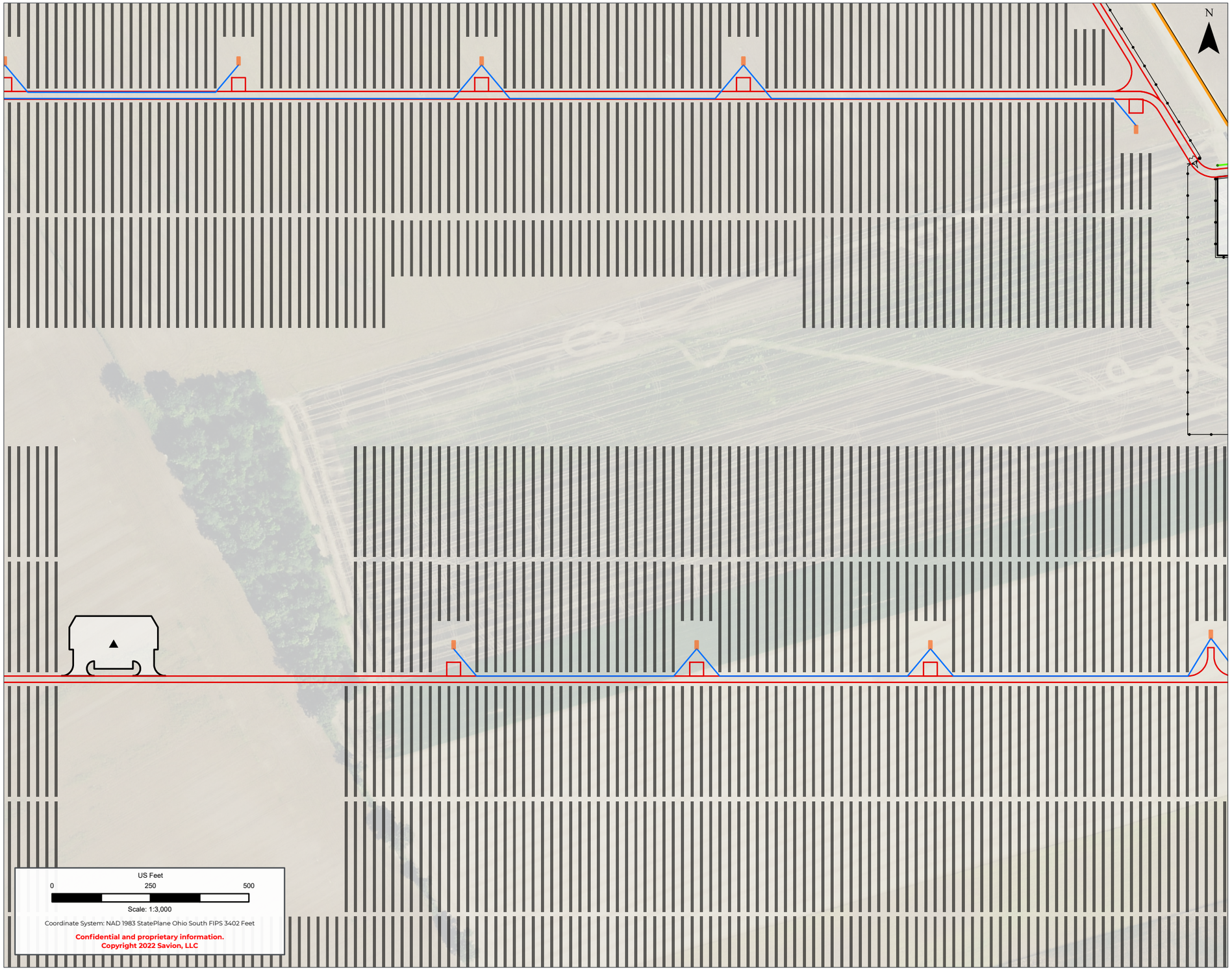
PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (3 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

SAVION
A RENEWABLE ENERGY COMPANY

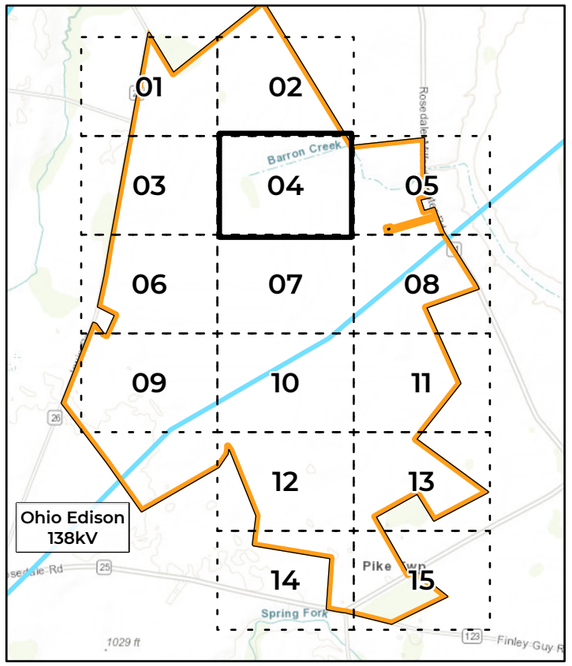


Project Boundary

Security Fence (A010 - 09/28/2022)

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- Laydown Yard
- Launch Point
- Access Road
- Security Fence
- Gate



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (4 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

SAVION
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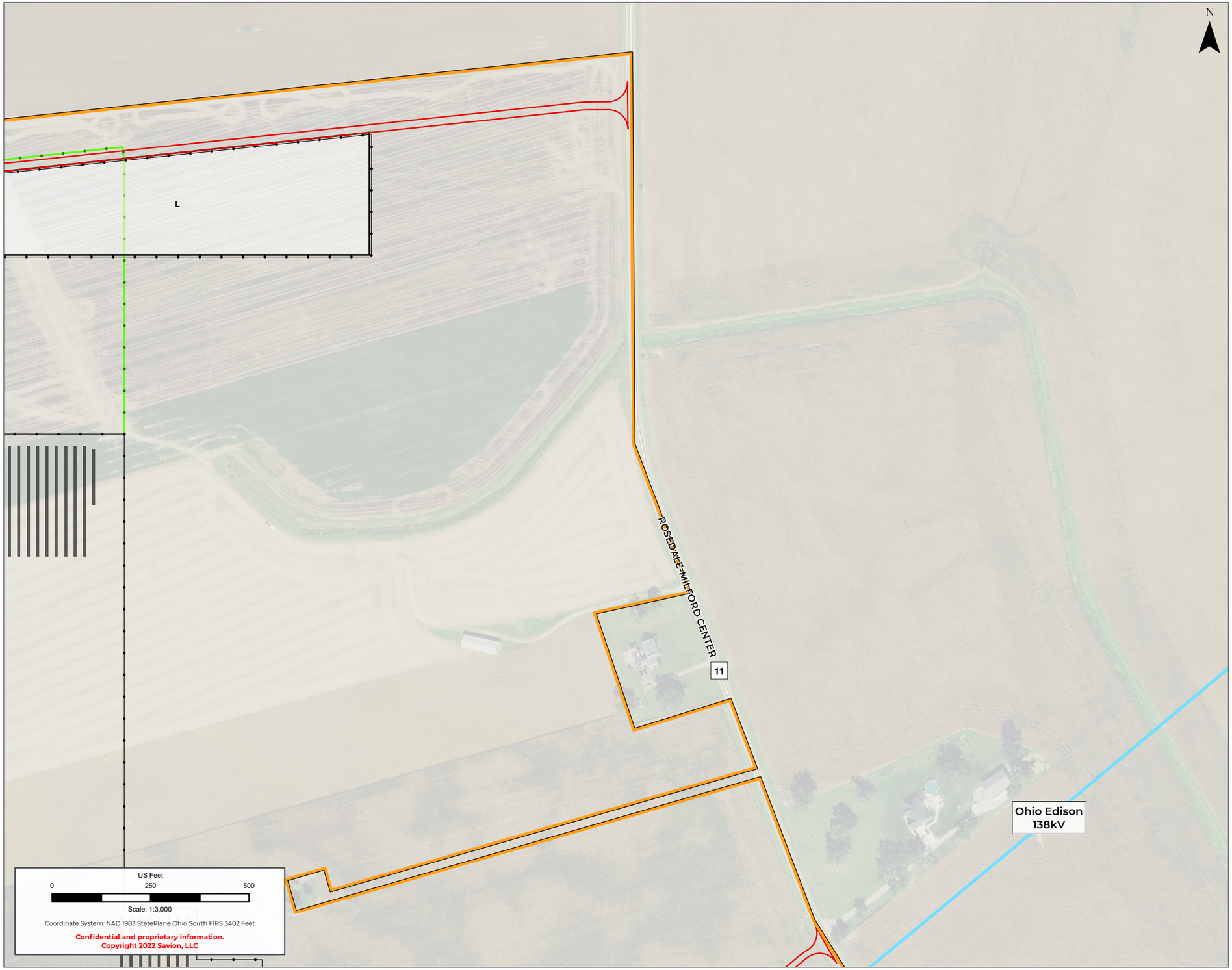


Project Boundary

Security Fence (A010 - 09/28/2022)

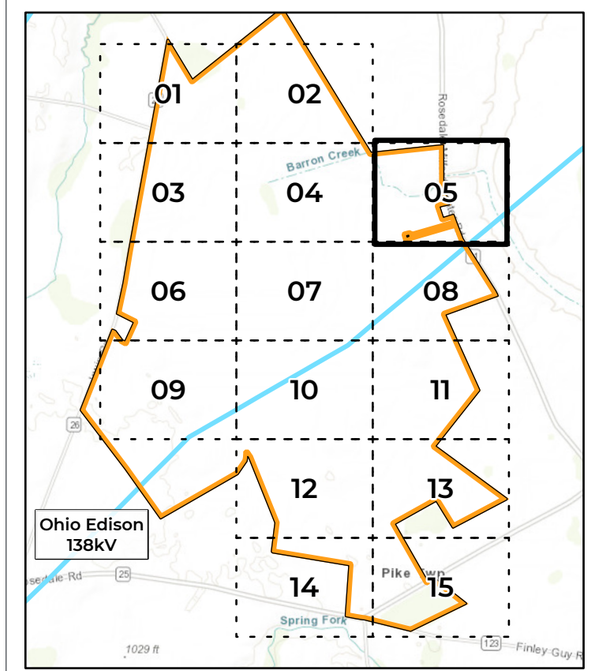
SOLAR LAYOUT (10/25/2022)

Panel

Laydown Yard

Access Road

Security Fence



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (5 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

SAVION
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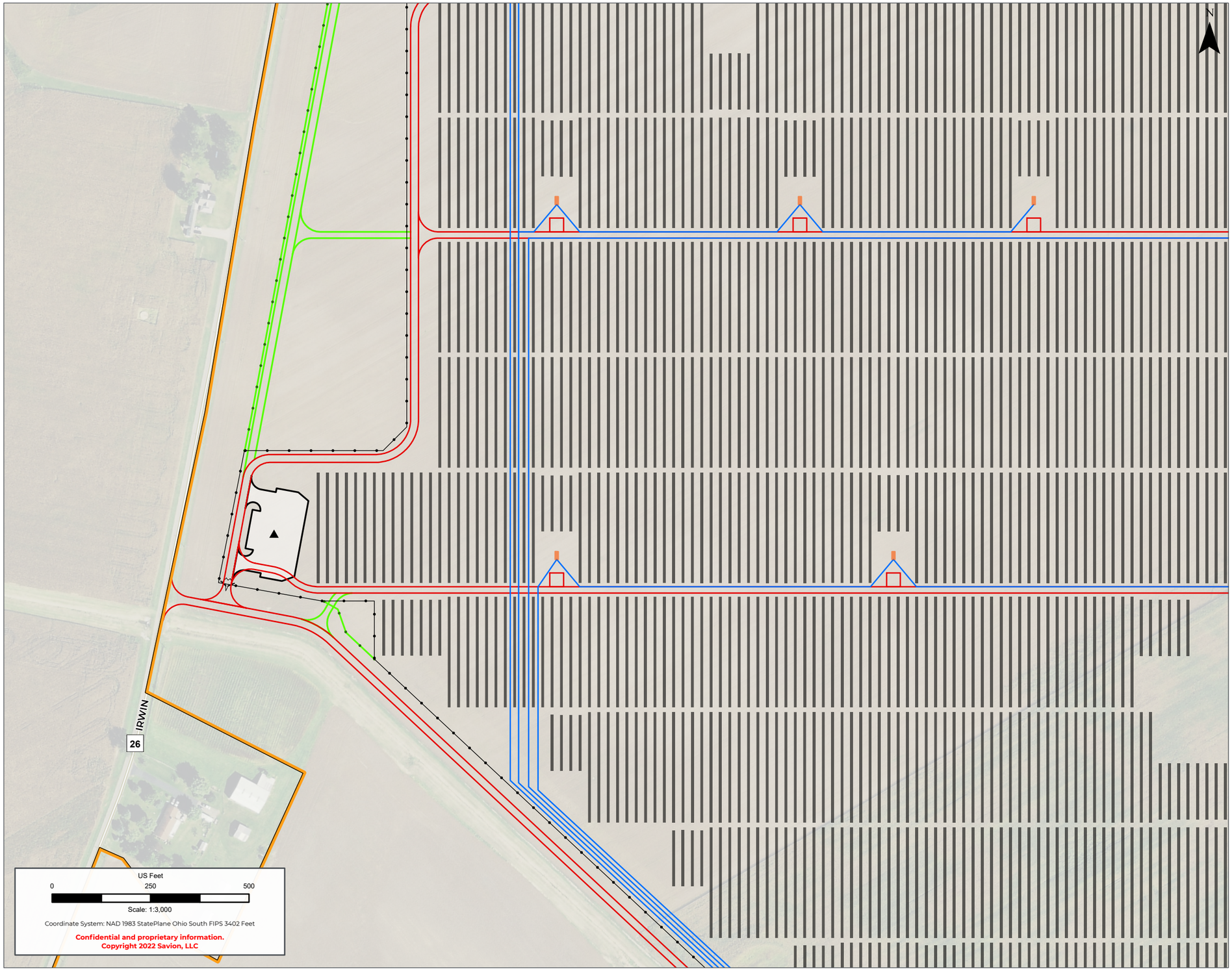
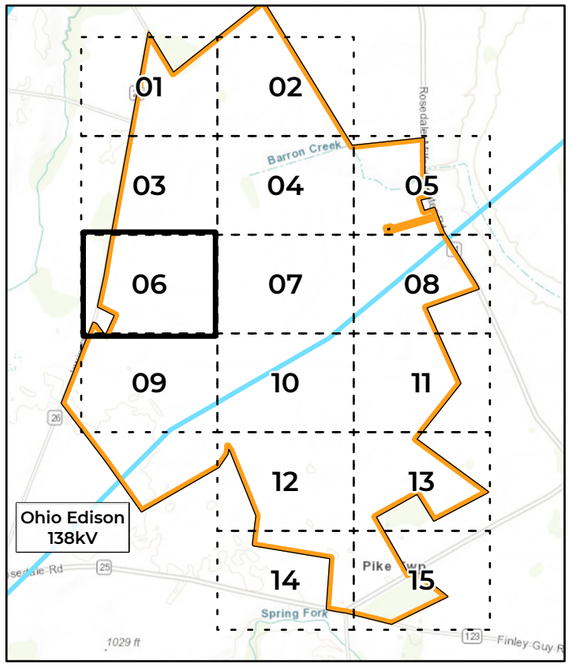


Project Boundary
Access Road (A010 - 09/28/2022)
Security Fence (A010 - 09/28/2022)

SOLAR LAYOUT (10/25/2022)

Inverter
Panel
UG Collection
Launch Point
Access Road
Security Fence
Gate



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (6 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

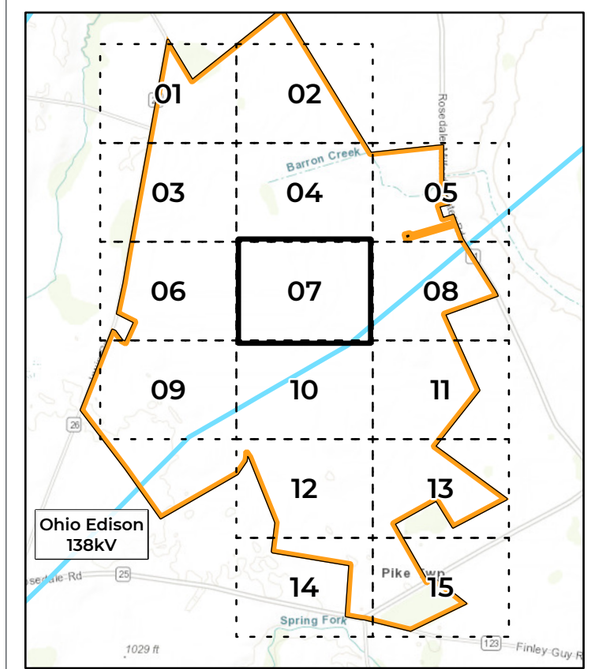
MADISON FIELDS SOLAR PROJECT

SAVION
A RENEWABLE ENERGY COMPANY

Project Boundary

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- Access Road
- Security Fence



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

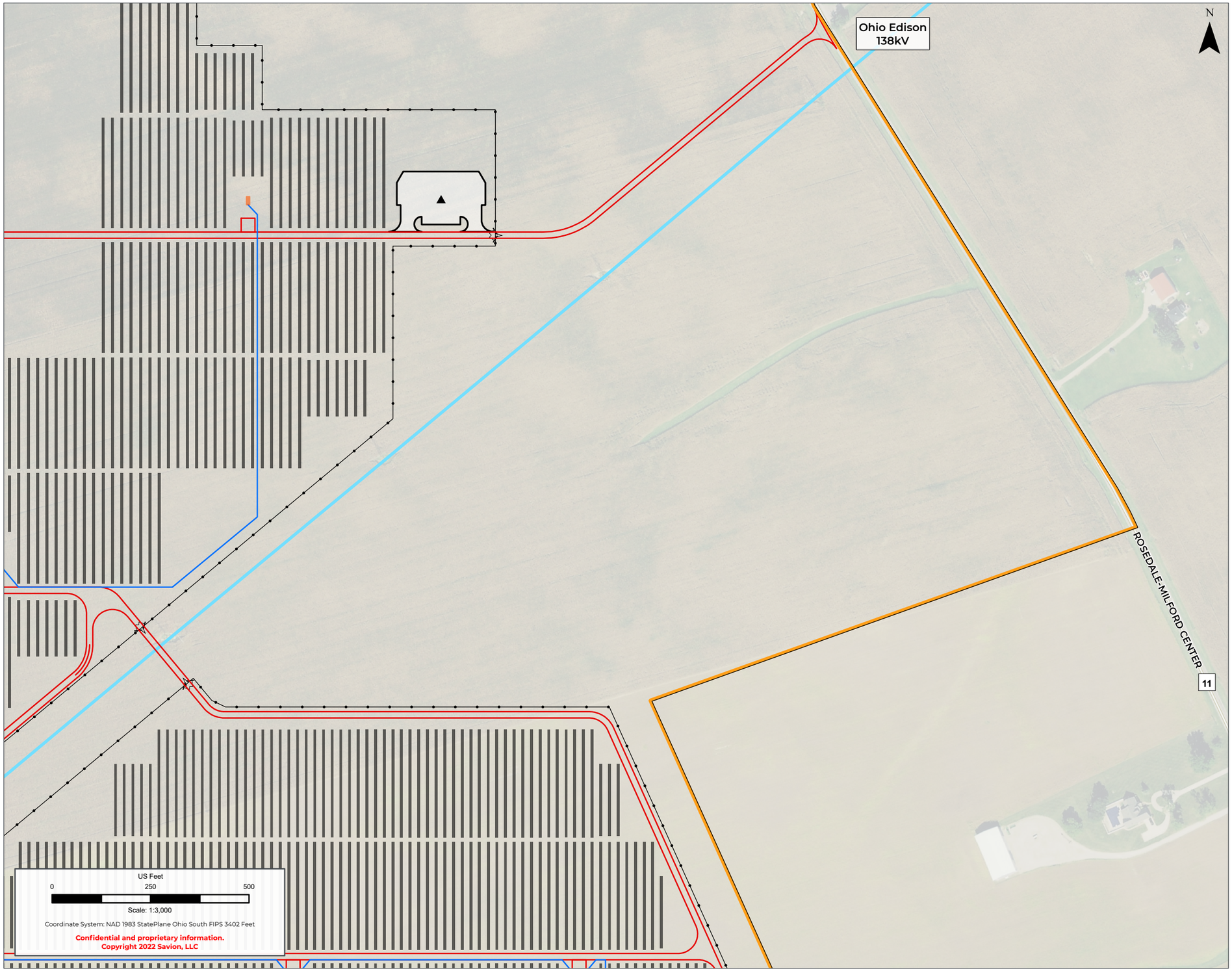
PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (7 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

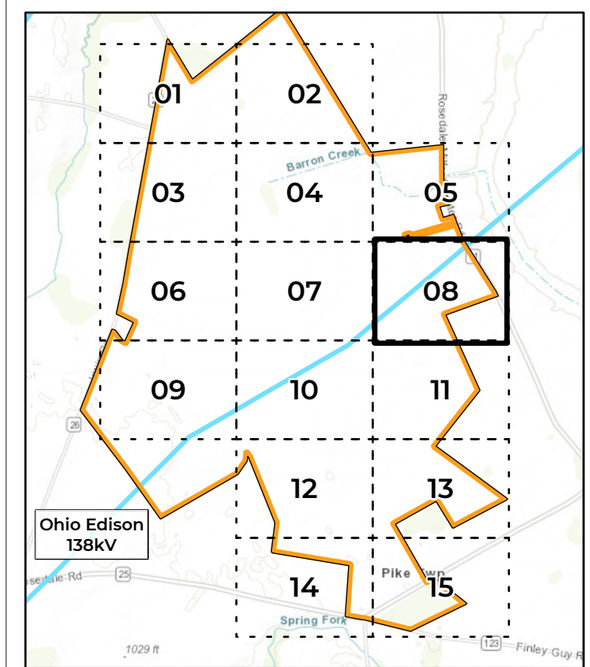
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- Launch Point
- Access Road
- Security Fence
- Gate



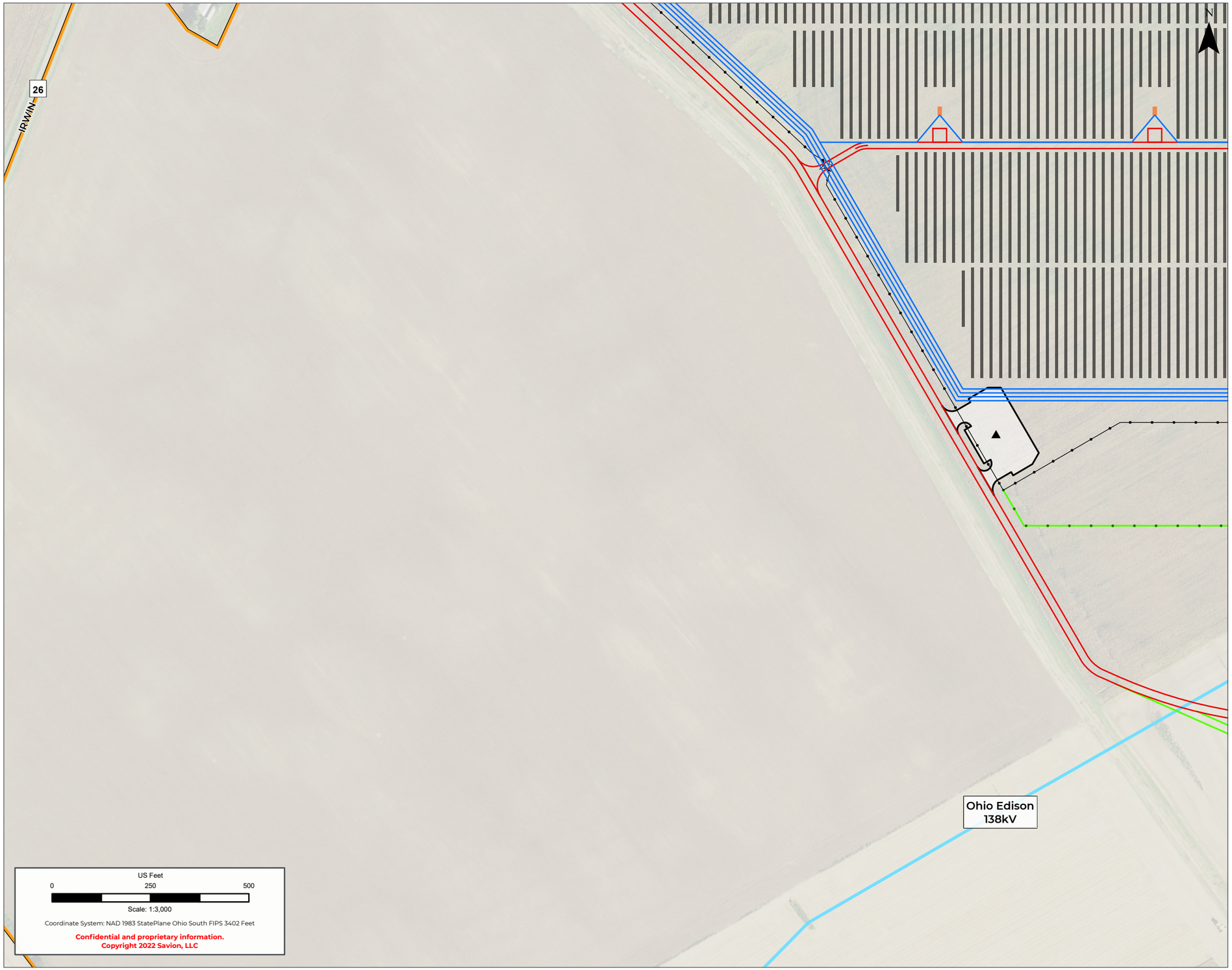
PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	
SHEET: PROJECT LAYOUT (A012 - 10/25/2022)	(8 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

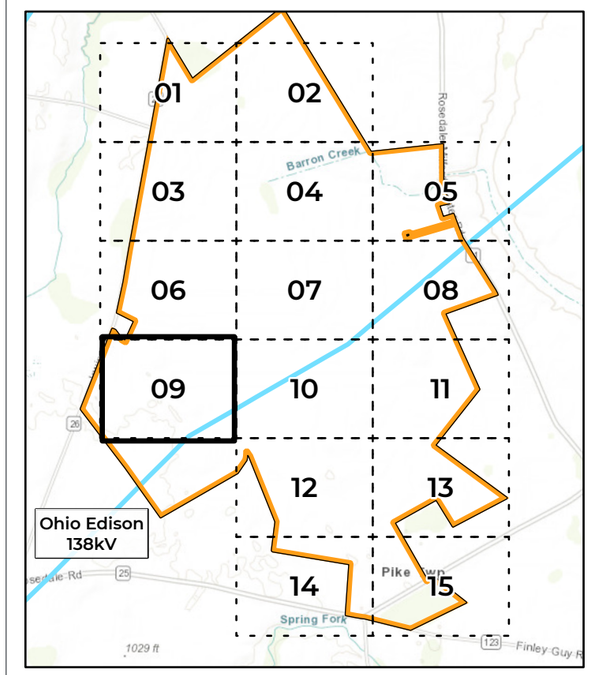
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary
Access Road (A010 - 09/28/2022)
Security Fence (A010 - 09/28/2022)

SOLAR LAYOUT (10/25/2022)

Inverter
Panel
UG Collection
Launch Point
Access Road
Security Fence
Gate



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

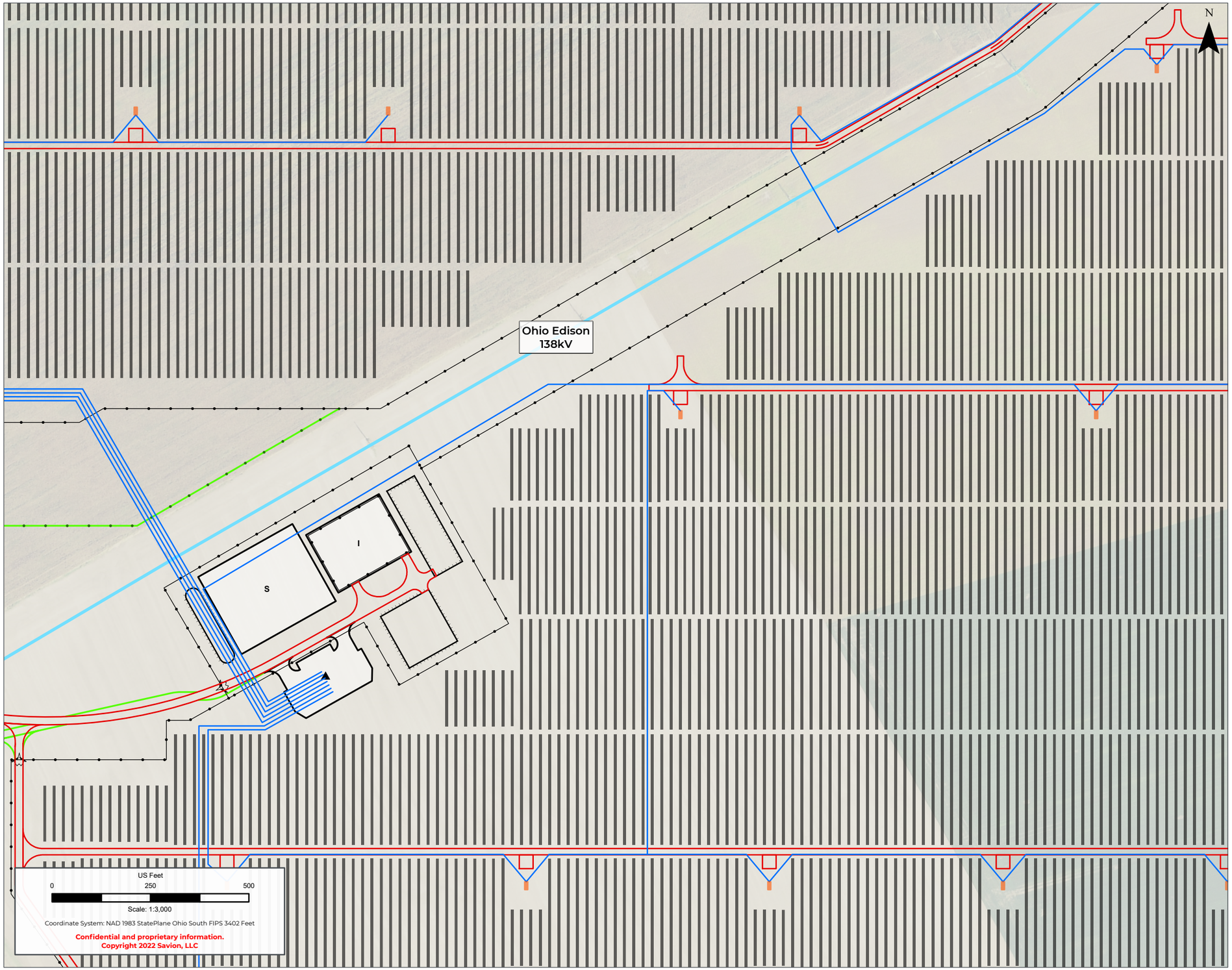
PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (9 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

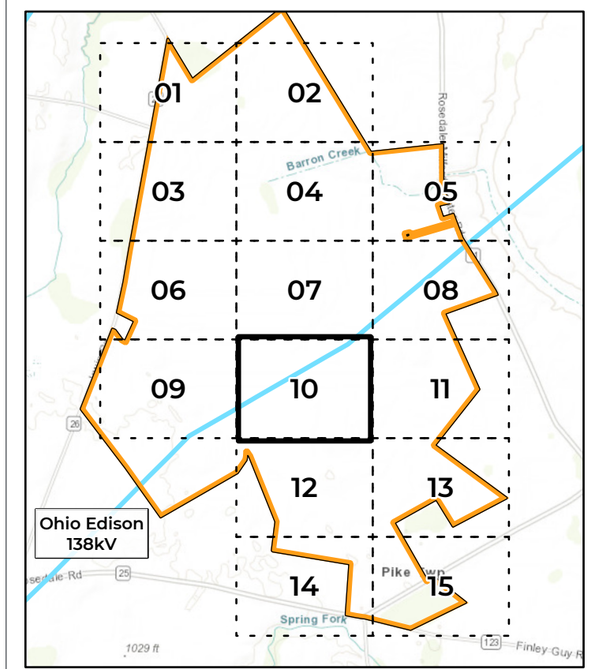
SAVION
A RENEWABLE ENERGY COMPANY



- Project Boundary
- Access Road (A010 - 09/28/2022)
- Security Fence (A010 - 09/28/2022)

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- POI Switching Station
- Substation
- Launch Point
- Access Road
- Security Fence
- Gate
- Storm Water Detention Basin



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

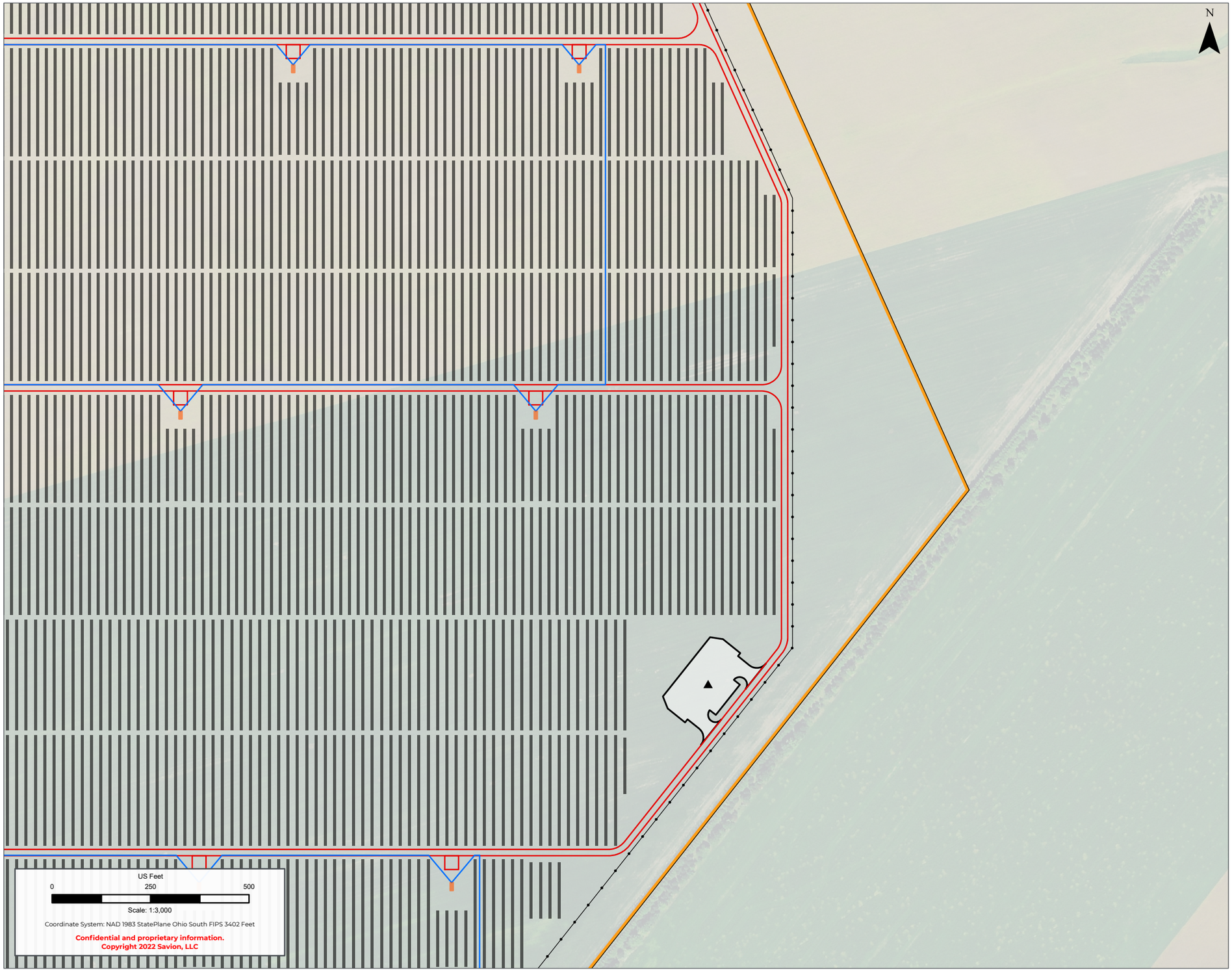
PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (10 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

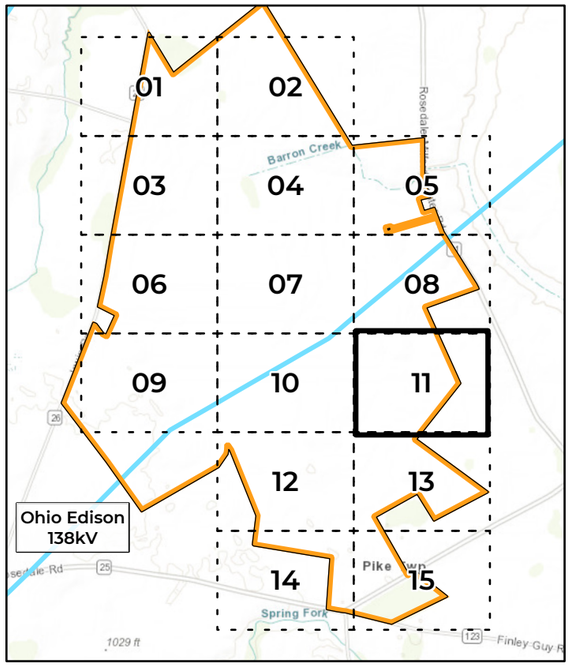
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- Launch Point
- Access Road
- Security Fence



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (11 OF 15)

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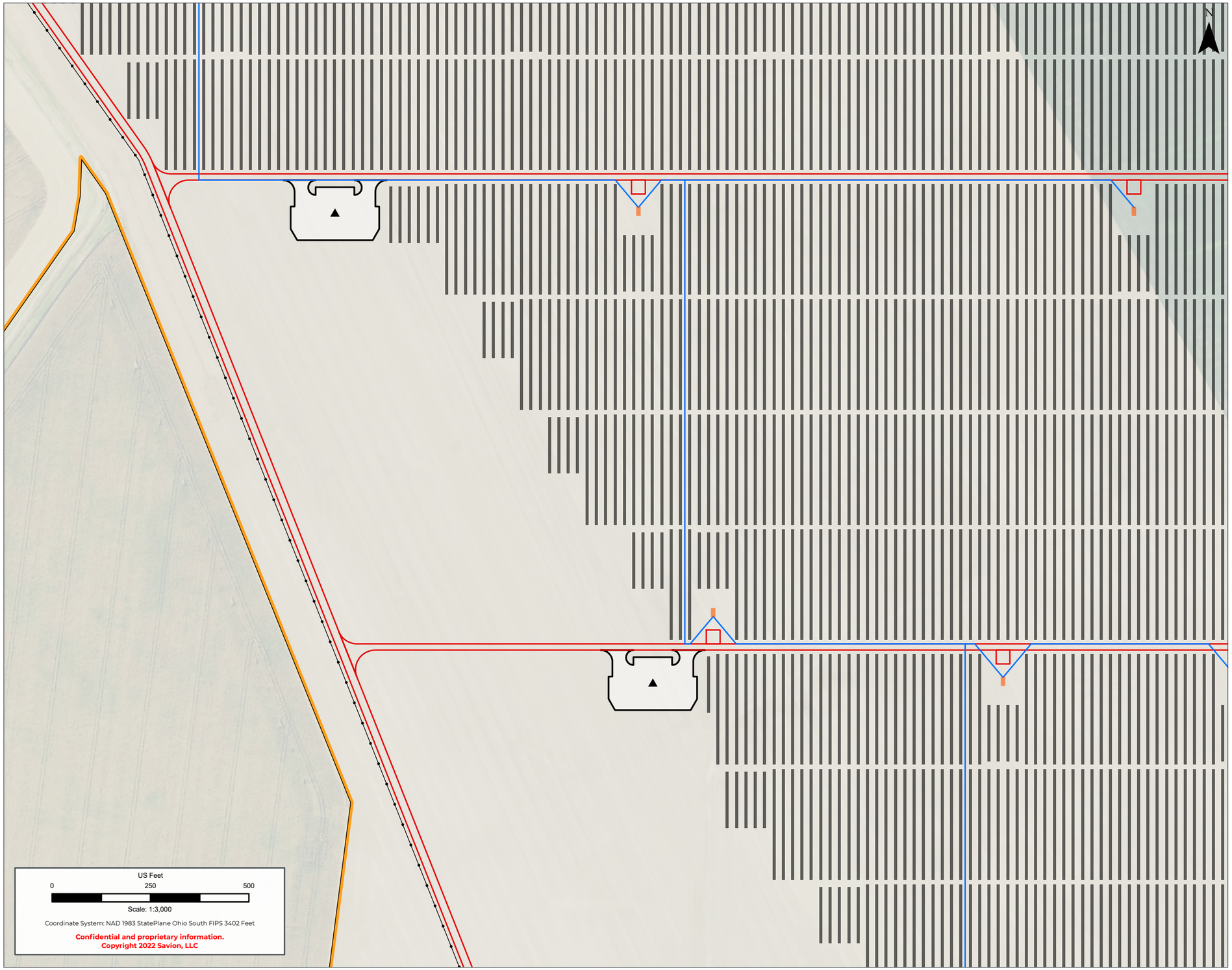
MADISON FIELDS SOLAR PROJECT

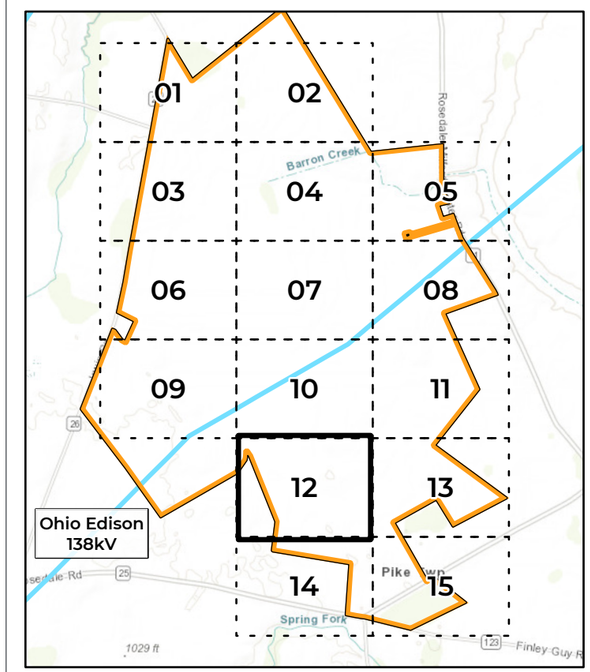
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- Launch Point
- Access Road
- Security Fence



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

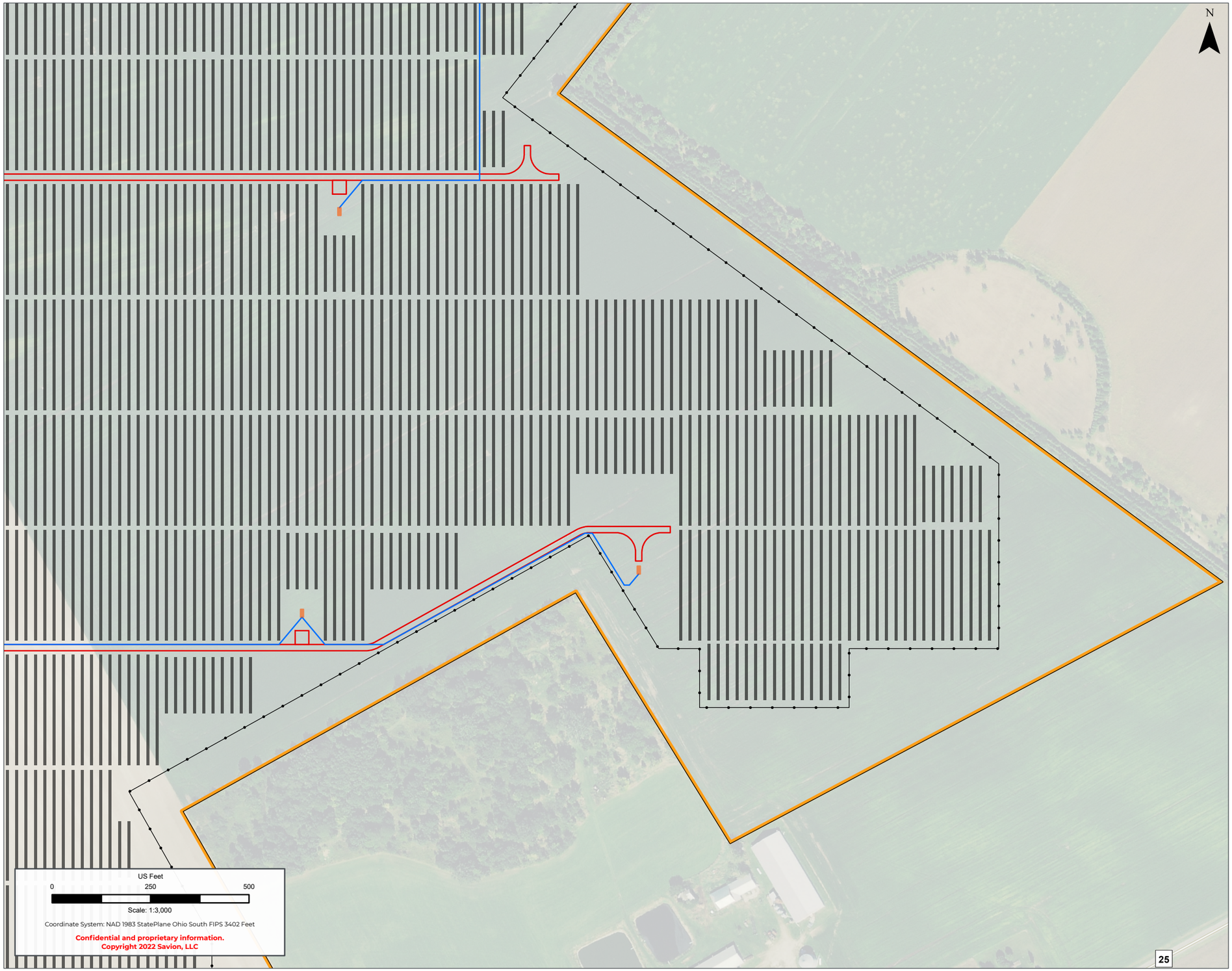
PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (12 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

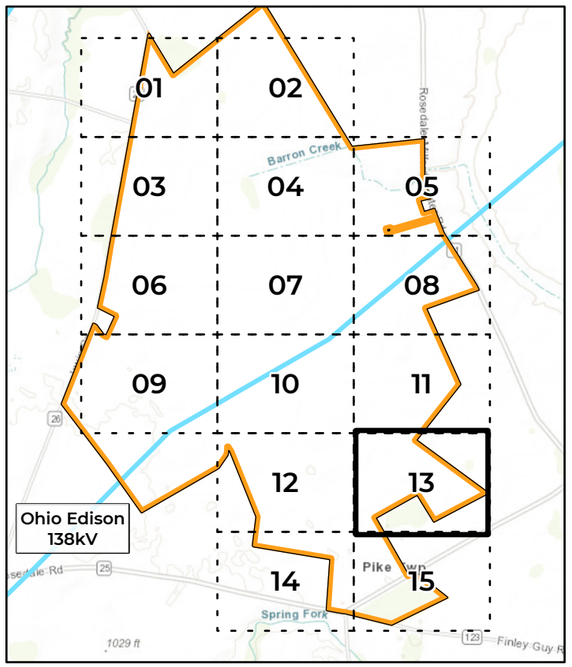
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- Access Road
- Security Fence



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

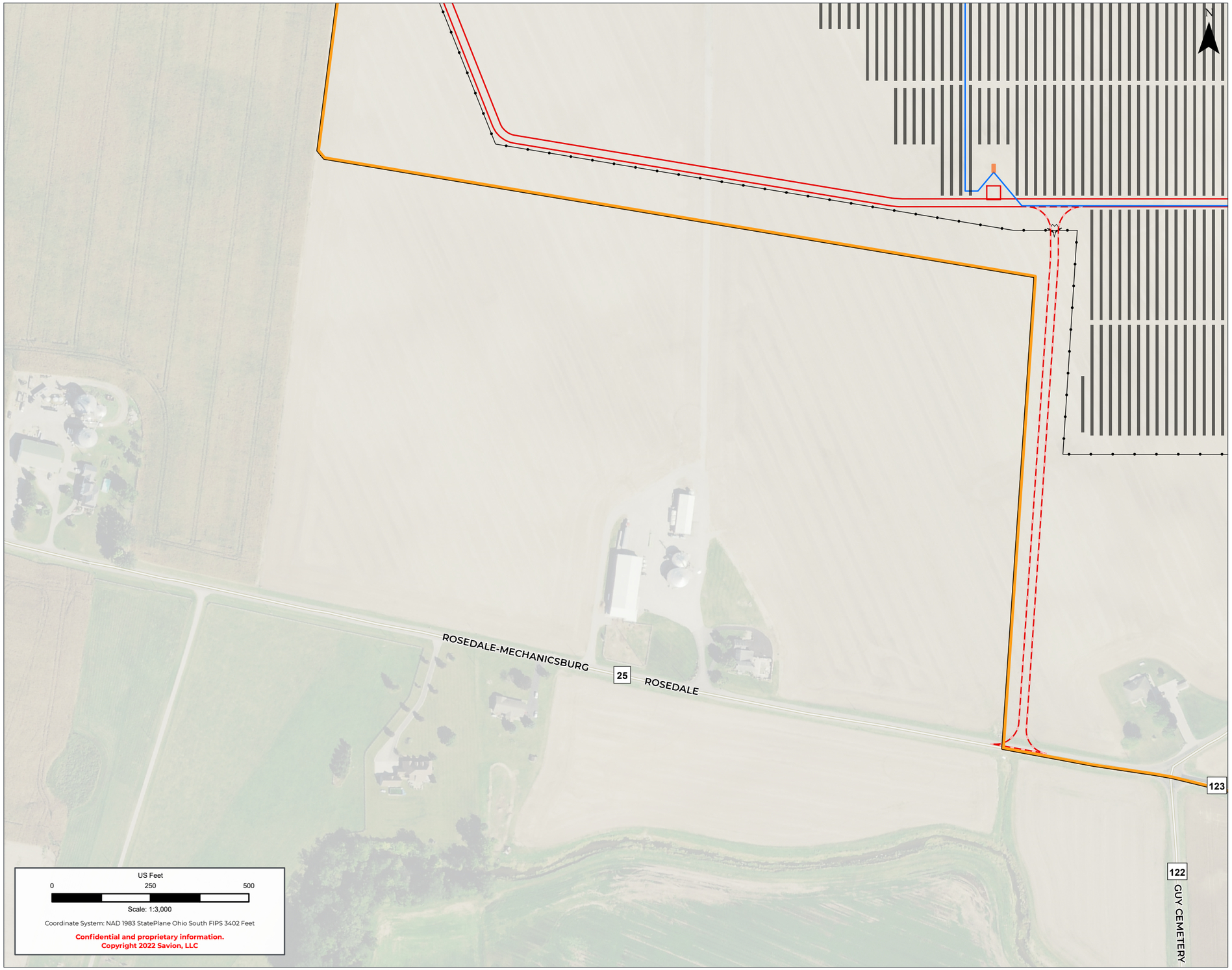
PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (13 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

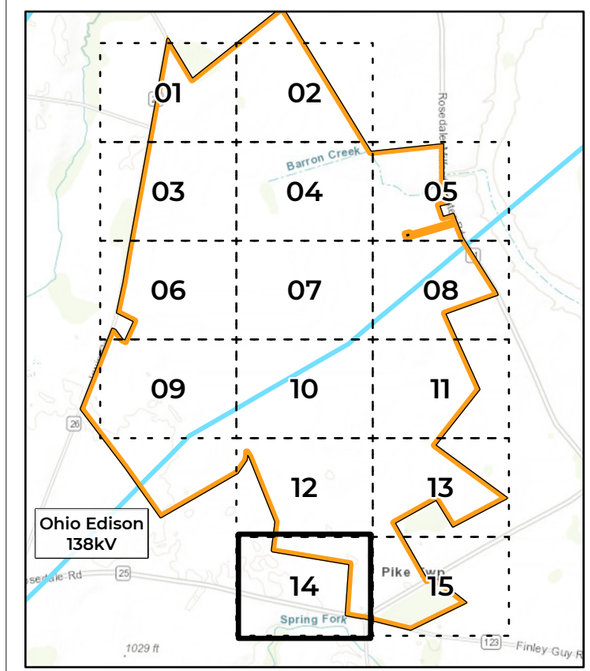
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- Access Road
- Access Road Secondary
- Security Fence
- Gate



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

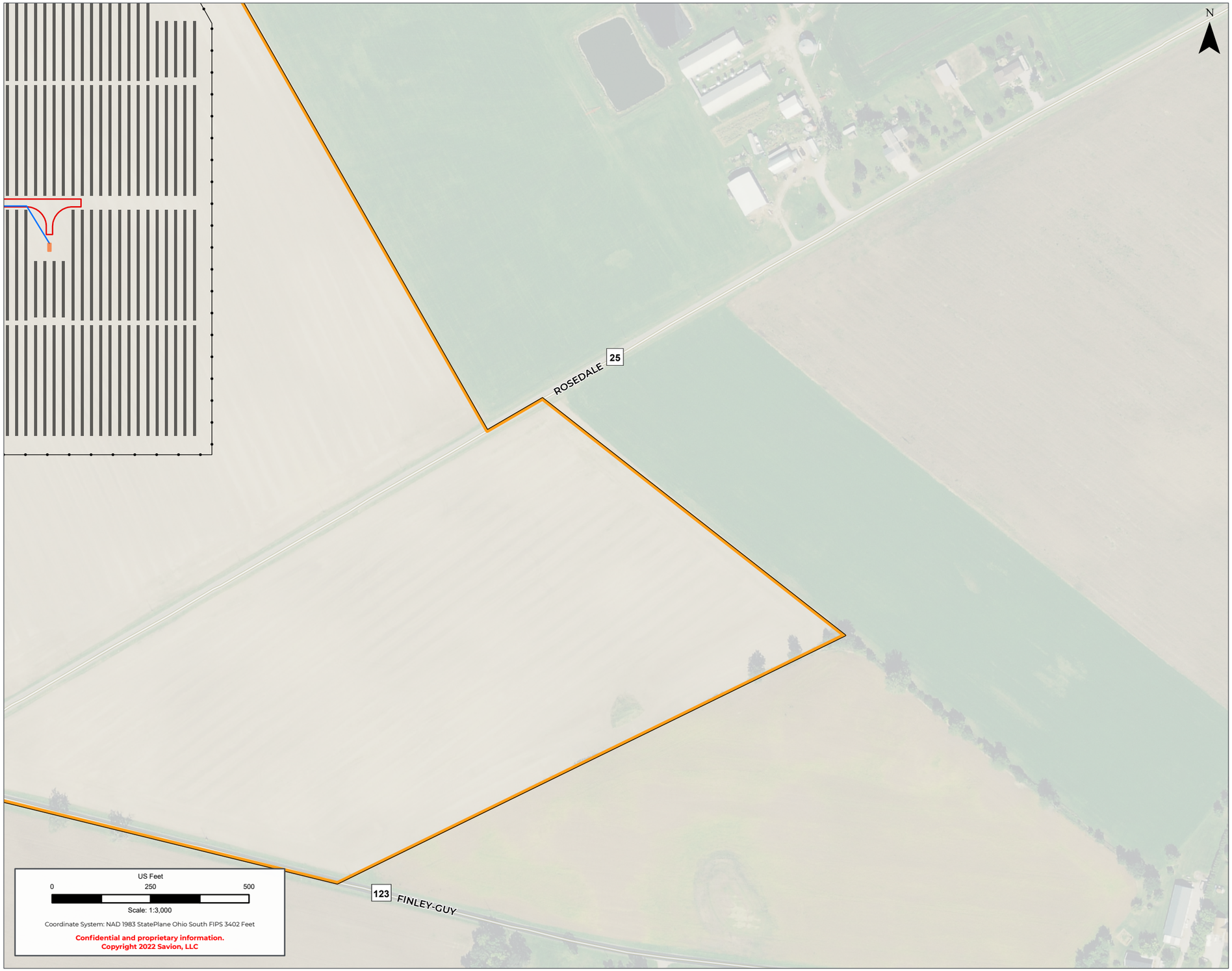
PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (14 OF 15)

The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2022 Hexagon and data partners.

MADISON FIELDS SOLAR PROJECT

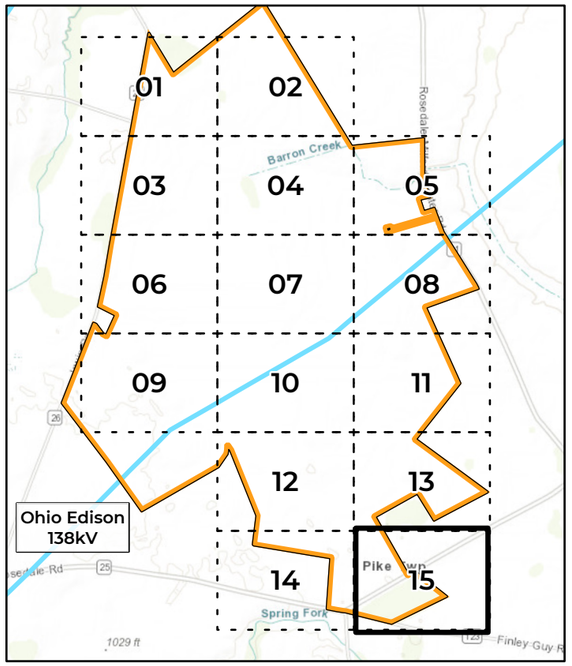
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- Access Road
- Security Fence



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/27/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022) (15 OF 15)

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Attachment 1
Memorandum Updated Engineering Design

C. Map of Distance to Non-participating Parcel Residences

MADISON FIELDS SOLAR PROJECT

SAVION
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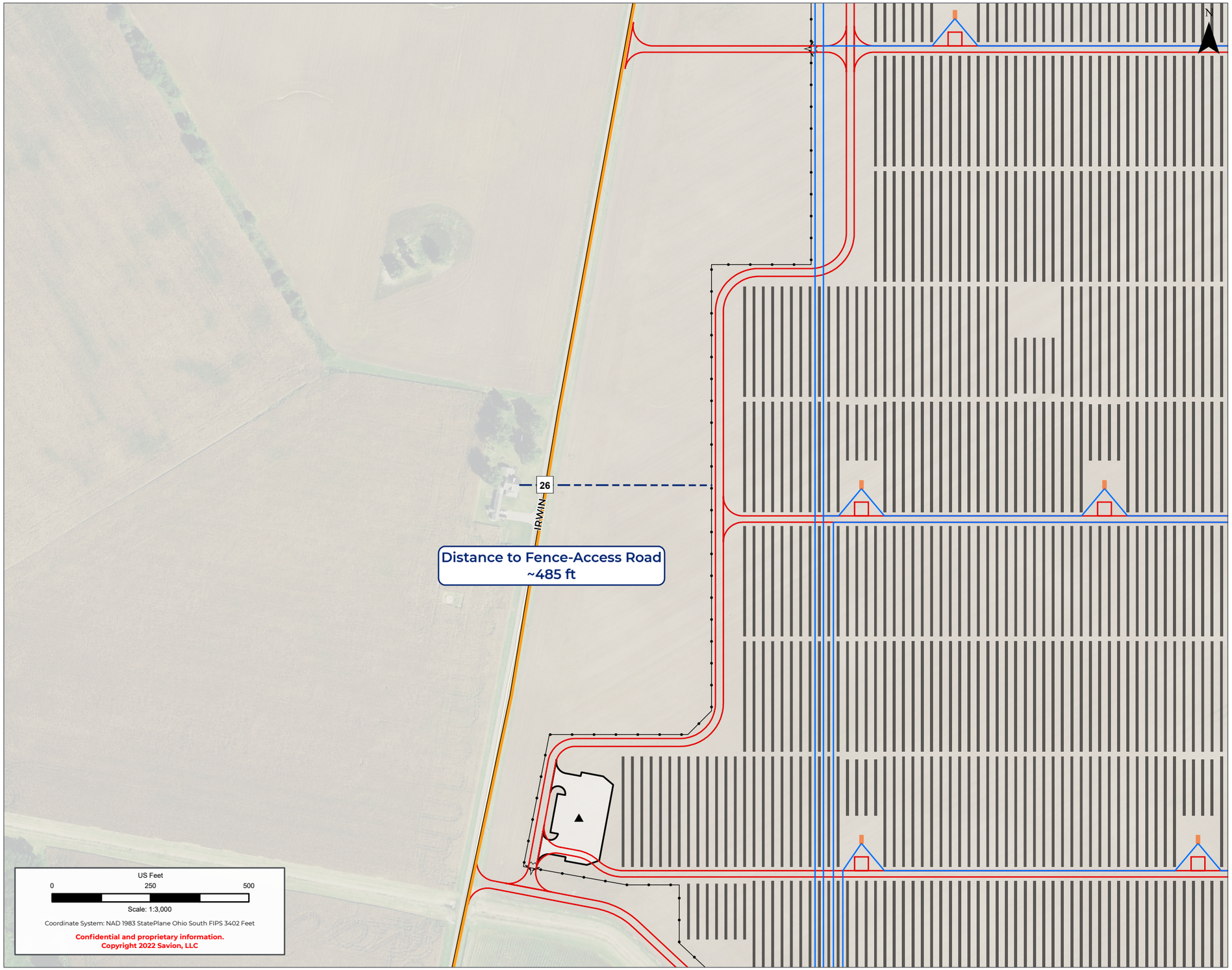
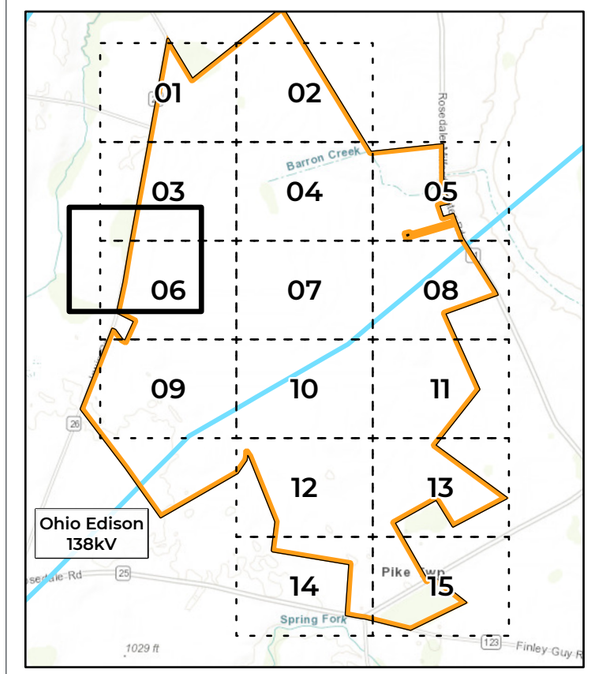


Project Boundary

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- Launch Point
- Access Road
- Security Fence
- Gate



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/28/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022)

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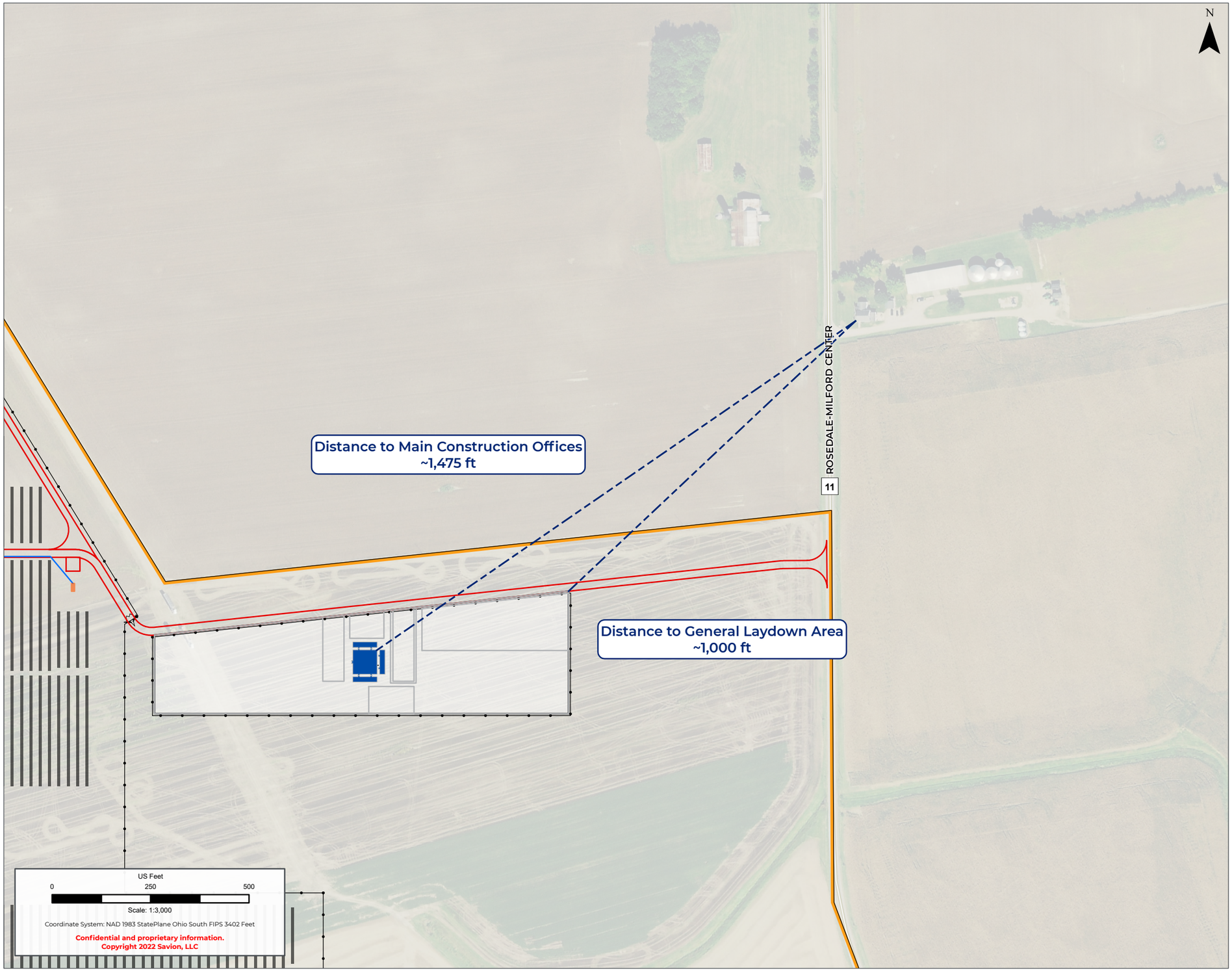
MADISON FIELDS SOLAR PROJECT

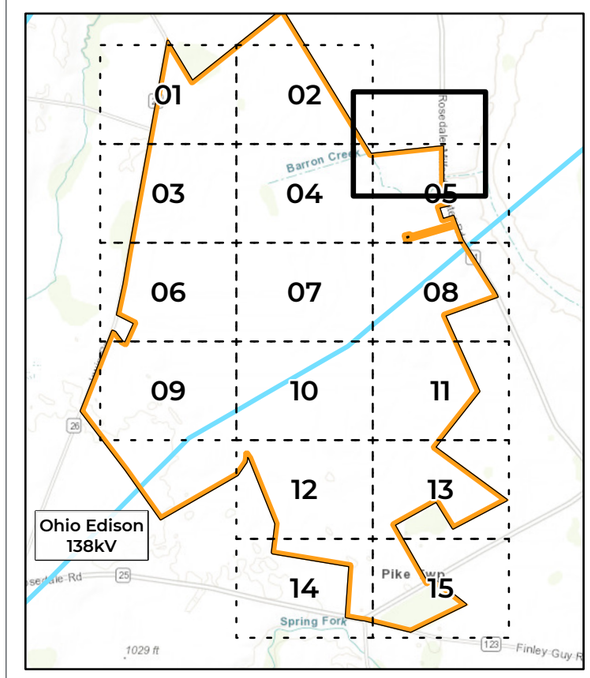
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

SOLAR LAYOUT (10/25/2022)

- Inverter
- Panel
- UG Collection
- Laydown Yard
- Access Road
- Security Fence
- Gate
- Main Construction Offices



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 10/28/2022	SCALE: 1 INCH : 250 FEET
NOTES:	

SHEET: PROJECT LAYOUT (A012 - 10/25/2022)

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Summary: Notice - Certificate Compliance Condition 8 – Updated Engineering Drawings electronically filed by Christine M.T. Pirik on behalf of Madison Fields Solar Project, LLC