DICKINSON WRIGHT PLLC

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COLUMBUS, OH 43215-3192
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CHRISTINE M.T. PIRIK
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September 30, 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 – 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.

At this time, the Applicant is filing the attached engineering drawing 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 September 30, 2022.

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

Respectfully submitted,

/s/ Christine M.T. Pirik

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Matthew C. McDonnell (0090164)
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Attorneys for Madison Fields Solar Project, LLC

Cc: Matt Butler

4872-7908-8641 v1 [88534-2]

Madison Fields Solar Project, LLC
Case No. 19-1881-EL-BGN
Case No. 21-508-EL-BGA

Attachment 1
Madison Fields Solar Project
Engineering Drawings Memorandum

DICKINSON WRIGHT PLLC

SAVION
A RENEWABLE ENERGY COMPANY

422 Admiral Blvd, Kansas City, MO 64106
www.savionenergy.com

Reference: Madison Fields Solar Project – Engineering Drawings Memo

Madison Fields Solar Project, LLC (Madison Fields Solar) is certified to construct a 180-megawatt (MW) solar energy facility in Pike Township, Madison County, Ohio. Madison Fields Solar filed an application for a certificate of environmental compatibility and public need (CECPN) on July 17, 2020, supplemented on July 23, 2020 and August 3, 2020, to the Ohio Power Siting Board (OPSB). The Project was issued a certificate of environmental compatibility and public need by the OPSB on January 21, 2021. The OPSB approved an amendment for the Project on October 21, 2021, which allowed for use of the entire 1,932-acre Project Area included in the original CECPN application.

The Project is composed of photovoltaic solar modules mounted on a racking system, inverters, an electrical collection system transferring power from the inverters to a new project substation and switchyard, and internal access roads with a perimeter fence securing the area (the Project). The Project Area includes approximately 1,932 acres of existing agriculture, scrub-shrub, oak-hickory successional forest, developed, wetlands, and old field in Madison County. At the time of the original application submittal, the footprint of the Project, which encompasses all land within the perimeter fence plus access roads/driveways off the public roadways, was estimated to encompass approximately 1,000 acres of the larger 1,932-acre permitted Project Area.

Madison Fields Solar has finalized the site design for construction and intends to use a combination of Risen RSM144 (380 and 385-watt) and RSM120 (590 and 595-watt) bifacial monocrystalline panels for the Project. The final site design has a footprint of approximately 1,305 acres. Despite the larger footprint, the nameplate capacity of the Project is still 180-MW and is within the approved Project Area. The larger footprint is a result of the final selection of Project equipment, additional site-specific data, and optimization of the site layout to maximize energy generation, specifically:

- The pitch (or row to row spacing) for the Project was increased from the design presented in the application in order to increase the energy production efficacy. The original design utilized a pitch of 19 feet whereas the optimized site design is using 22 feet spacing for the 300 series modules and 23.75 feet pitch for the 500 series modules.

- Identification of additional low-lying areas in the Project area that may experience ponding and the location of an agricultural drain tile main line that bisects the Project area. Avoidance of those areas resulted in a gap in the arrays that totals approximately 70 acres. Siting to avoid areas of ponding and main drain tiles will help reduce potential environmental concerns for stormwater and temporary erosion.

- The modules selected for the final design are larger than those proposed in the application. The application assumed use of the Risen 300 series modules for the entire Project with dimensions of approximately 79.4 inches long and 39.3 inches in width, whereas the Risen 500 series modules are larger with dimensions of 85.5 inches long and 51.3 inches in width.

Despite the larger footprint, Madison Fields Solar is still avoiding all wetlands delineated onsite and clearing of forested habitat will not exceed the 4.3 acres originally proposed. 4.5 acres of scrub-shrub habitat will also be cleared, as illustrated in the Tree Clearing Plan (Attachment 3). The remainder of the footprint is land used for row-crop agriculture. While the total acreage of the Project footprint has increased between the layout proposed in the application and the final site design, the disturbance to sensitive environmental resources such as wetlands, forested areas, etc. have not changed with the increased footprint.

The updated design will not result in adverse environmental impacts beyond those determined in the application. The final site design adheres to all setbacks committed to in the original CECPN application, and in some cases, setbacks have been increased. The solar modules have been setback a minimum of 300 feet from non-participating residences, 100 feet from road right-of-way, 65 feet from the existing transmission line that bisects the Project Area, and 110 feet from the Morse Cemetery (as agreed upon with SHPO). The Project also avoids the Rosedale Bible College Source Water Protection Area. As stated previously, the final design still avoids all wetlands delineated onsite, and the 25-foot wetland setback required by the County has been exceeded.

An updated Glint and Glare Analysis and Sound Study will be provided prior to construction. The reports will demonstrate that there will be no hazardous glare as a result of the updated design and sound levels will not exceed the daytime ambient level plus five dBA at any non-participating sensitive receptor. Project representatives have been in close communication with landowners adjacent to the Project Area. Most adjacent non-participating parcels that contain a residence have either executed a Good Neighbor Agreement or Alternative Mitigation Agreement. If not, vegetative screening will be installed to mitigate the visual impact of the Project. This information will be detailed in the Landscape and Lighting Plan, which will be submitted to OPSB prior to the start of Project construction.

Madison Fields Solar Project, LLC
Case No. 19-1881-EL-BGN
Case No. 21-508-EL-BGA

Attachment 2
Madison Fields Solar Project
Engineering Drawings

1. **Drawings**
2. **Limits of Disturbance Map**
3 **Site Adjustment Maps**
4. **Tree Clearing Plan**

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Madison Fields Solar Project, LLC
Case No. 19-1881-EL-BGN
Case No. 21-508-EL-BGA

Attachment 2
Madison Fields Solar Project
Engineering Drawings

1. Drawings

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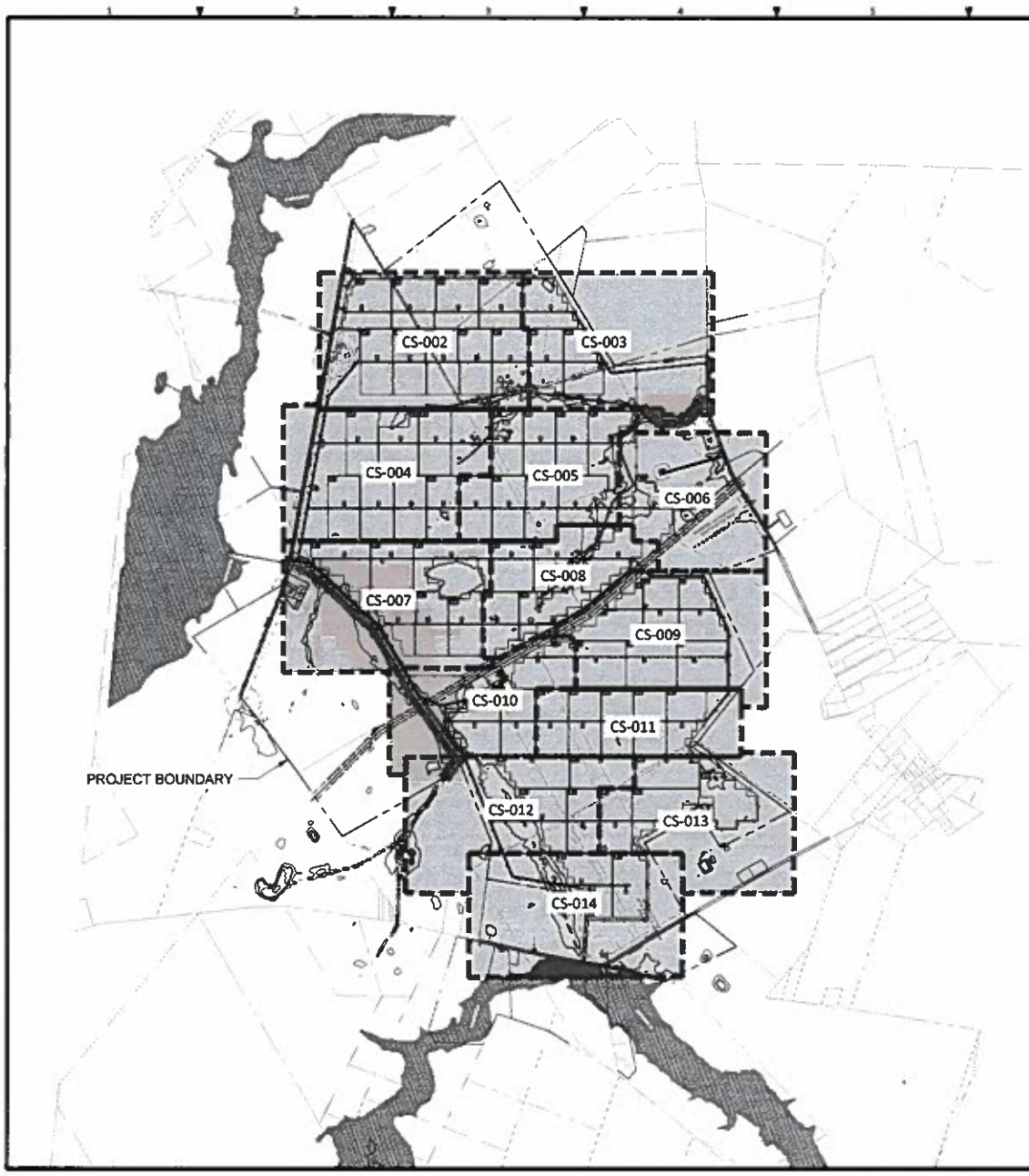

SITE PLAN LEGEND

- PROJECT BOUNDARY
- PROPOSED AGRICULTURAL FENCE
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- PROPOSED 16' INVERTER ACCESS ROAD
- PROPOSED 20' ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- 1 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- 2 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- 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'

CIVIL ENGINEER: JOHN TUCKER PE.88074
STRUCTURAL ENGINEER: KORY RANKIN PE.86071

- PRELIMINARY -
NOT FOR CONSTRUCTION

REV	DESIGN BY	CHECKED BY	DATE
B	ISSUED FOR OPSB STAFF REVIEW		
	P. GREEN	J. TUCKER	09-27-22
A	ISSUED FOR REVIEW		
	P. GREEN	J. TUCKER	09-16-22

MADISON FIELDS SOLAR PROJECT

Klewit

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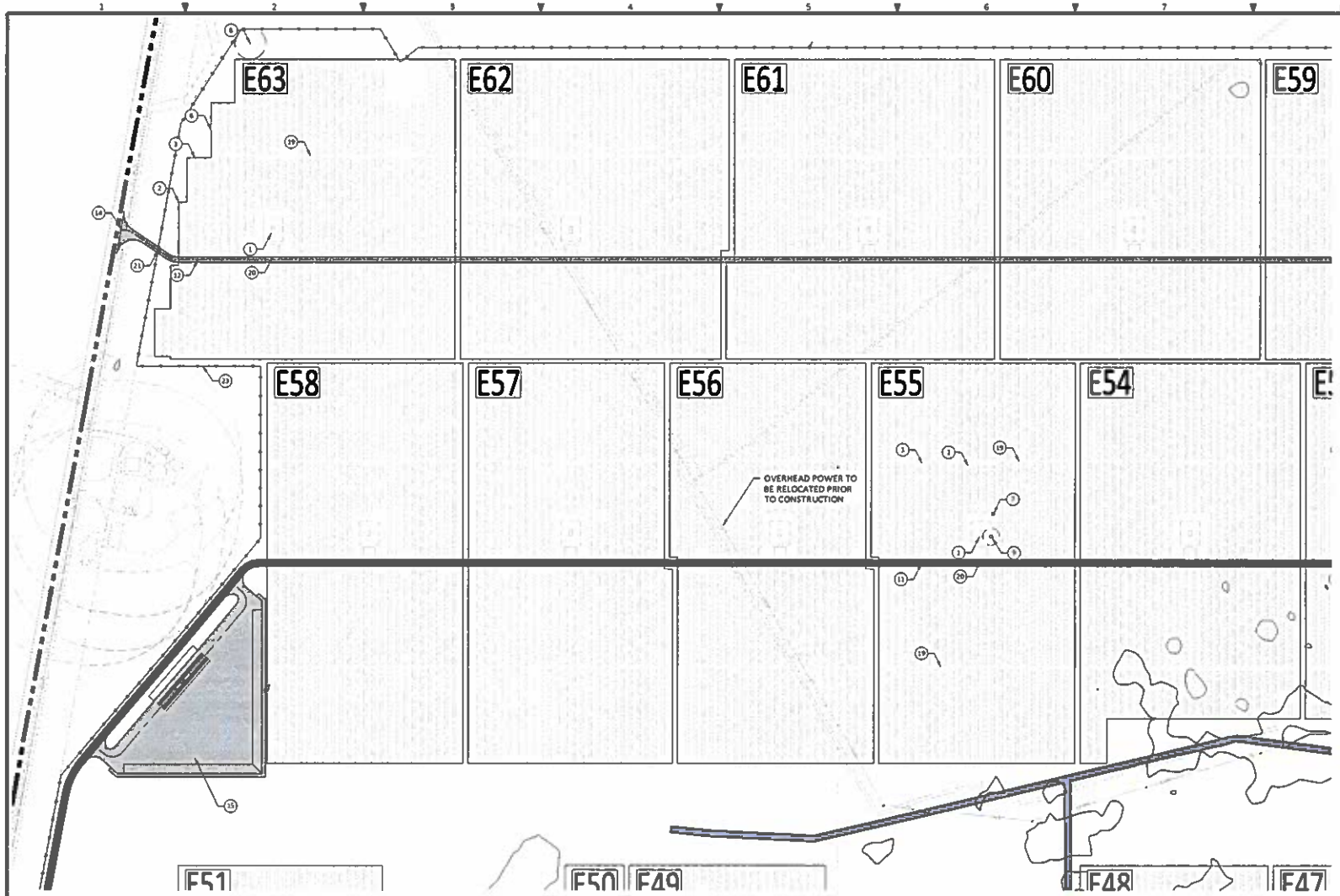
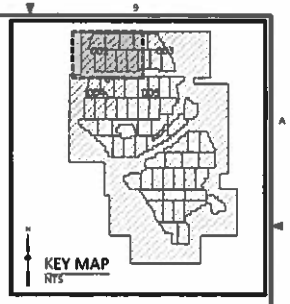
CIVIL SITE KEY PLAN

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

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- LAYDOWN YARD
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
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- 2 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND								
SOLAR		DESCRIPTION	SITE		DESCRIPTION	FENCING, GATES, EROSION, AND STORM STRUCTURES		DESCRIPTION
	1	INVERTER SKID		11	20' ACCESS ROAD		21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVE ENTRANCE		24	NOT USED
	5	NOT USED		15	CONSTRUCTION LAYDOWN OR LAUNCH POINT		25	NOT USED
	6	BLOCK LIMITS		16	CONSTRUCTION ENTRANCE		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 (TO BE ADDED FOR IFC)
	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 0 150 100
SCALE IN FEET
SCALE: 1" = 150'

N

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

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A	ISSUED FOR REVIEW		
	P. GREEN	J. TUCKER	09-16-22

MADISON FIELDS SOLAR PROJECT

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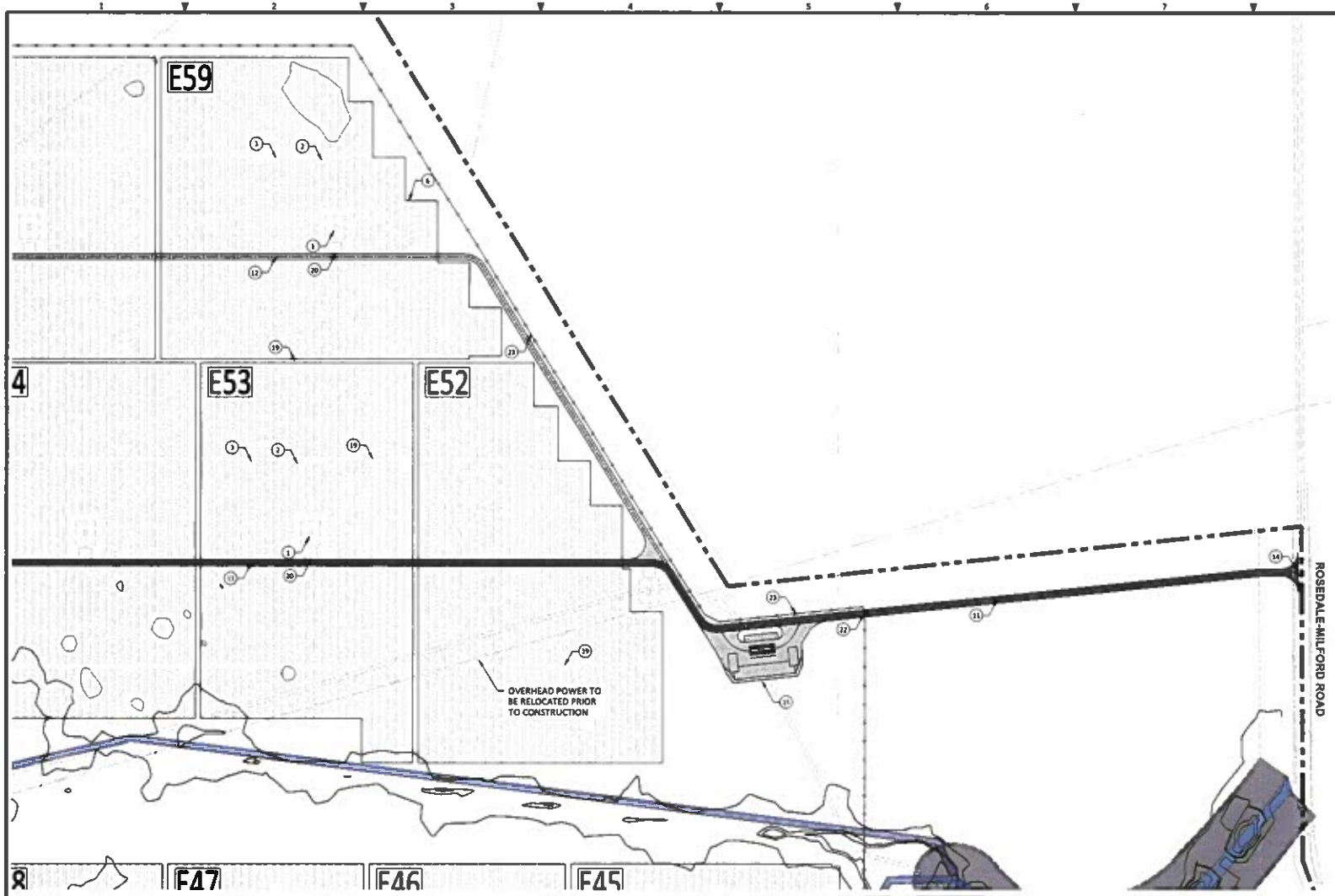
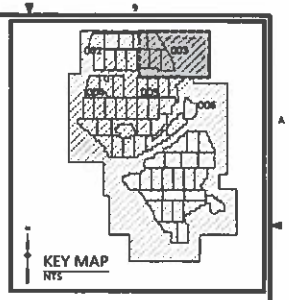
SITE PLAN

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

DRAWING NUMBER: 20036602-CS-002





NOTES:

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

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- LAYDOWN YARD
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- DRAIN TILE ALIGNMENT - 24" CMP

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

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MADISON FIELDS SOLAR PROJECT

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SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN	DRAWING NUMBER
LEAD ENG	J. TUCKER	20036602-CS-003
ENG MGR	T. BEST	
PROJ MGR	T. BEST	

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' 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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SCALE IN FEET
SCALE: 1" = 150'

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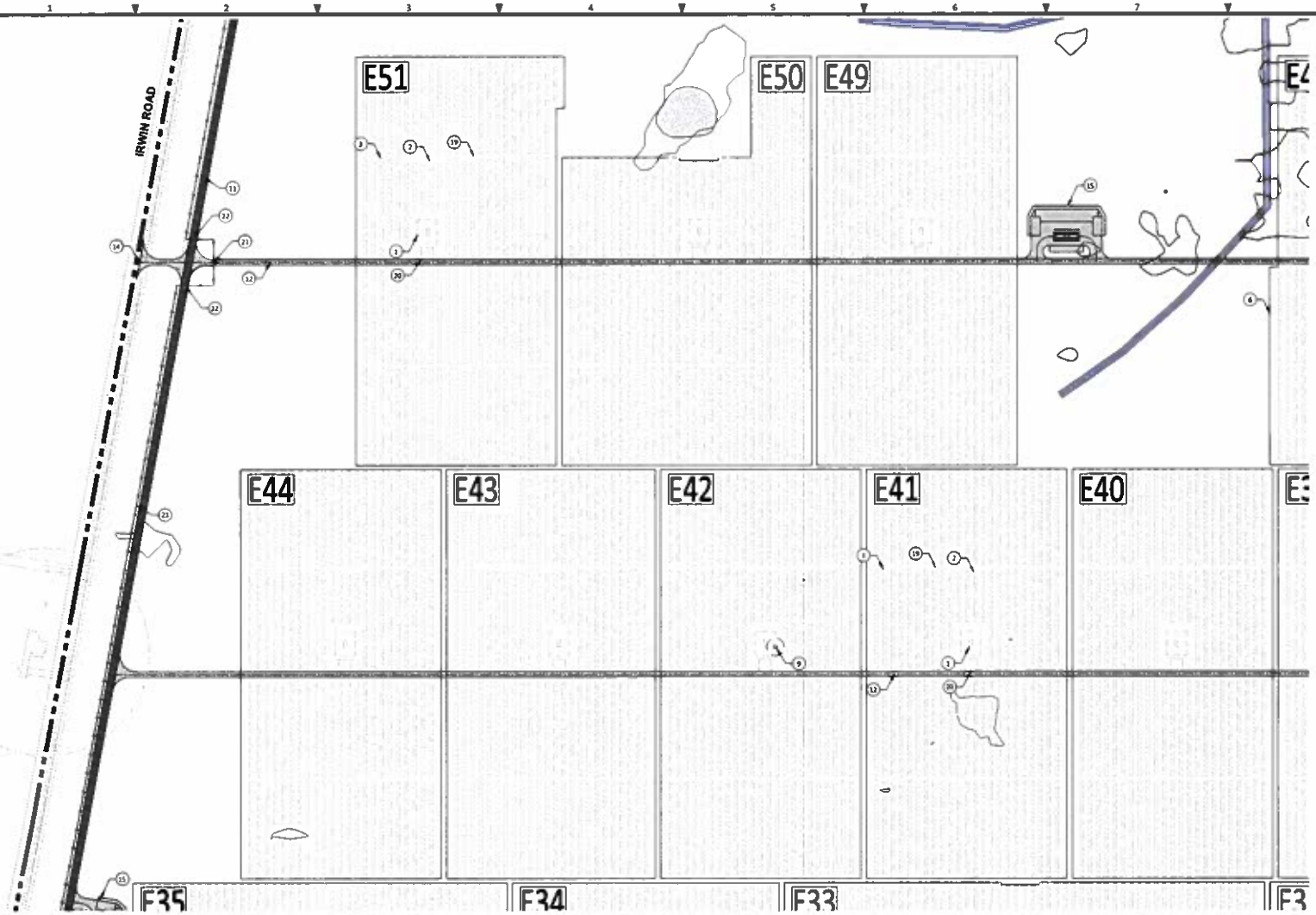

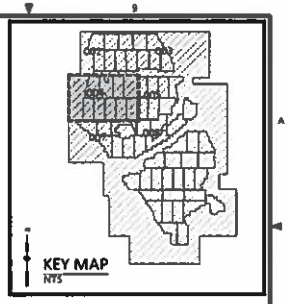

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SCALE IN FEET
SCALE: 1" = 150'

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CIVIL ENGINEER: JOHN TUCKER PE.88074
STRUCTURAL ENGINEER: KORY RANKIN PE.86071

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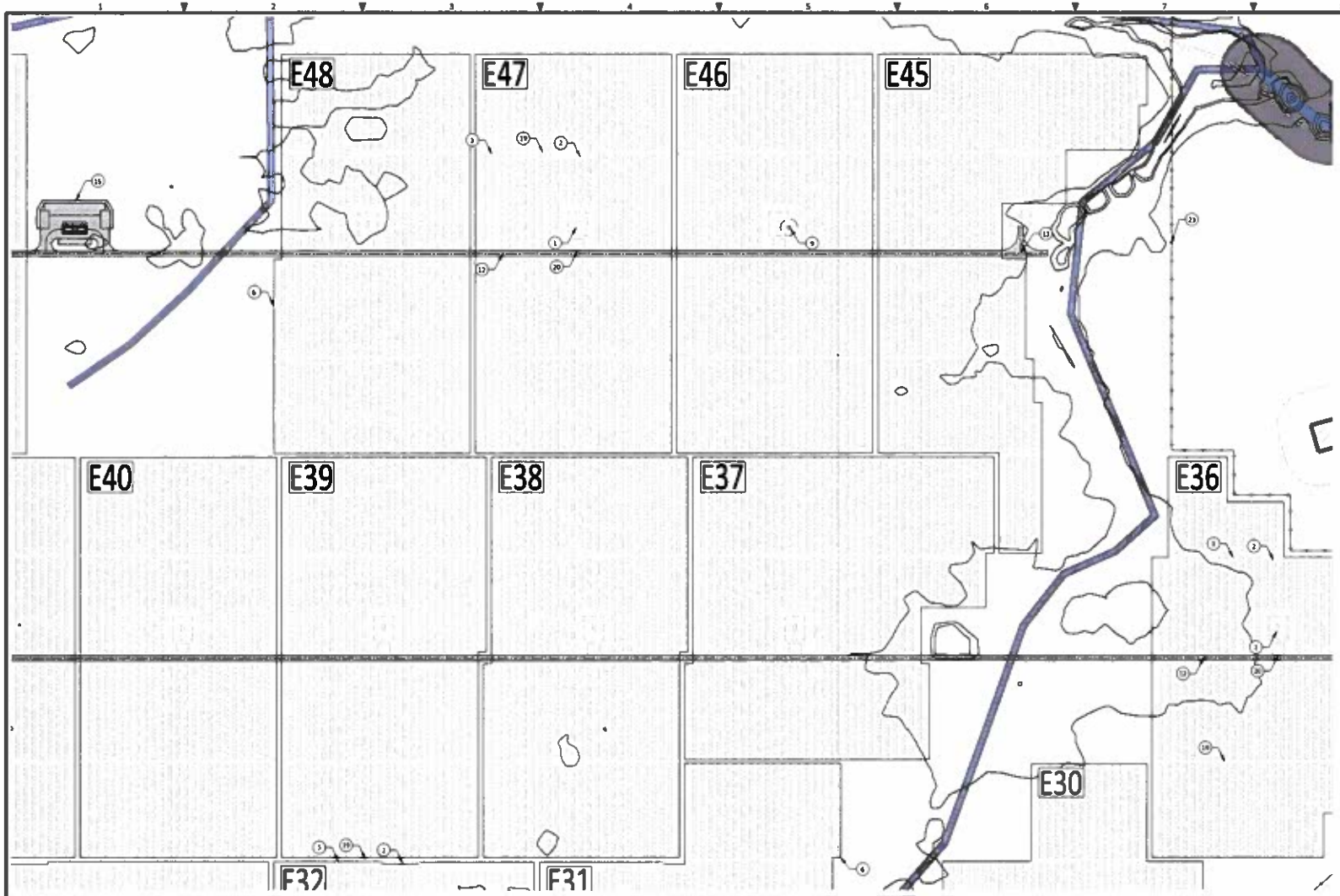
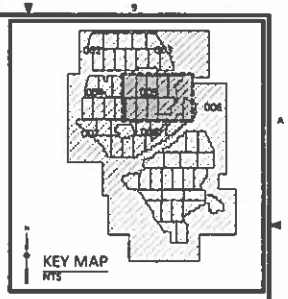
SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN	DRAWING NUMBER
LEAD ENG	J. TUCKER	20036602-CS-004
ENG MGR	T. WEST	
PROJ MGR	T. WEST	





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MADISON FIELDS SOLAR PROJECT

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SAVION

SITE PLAN

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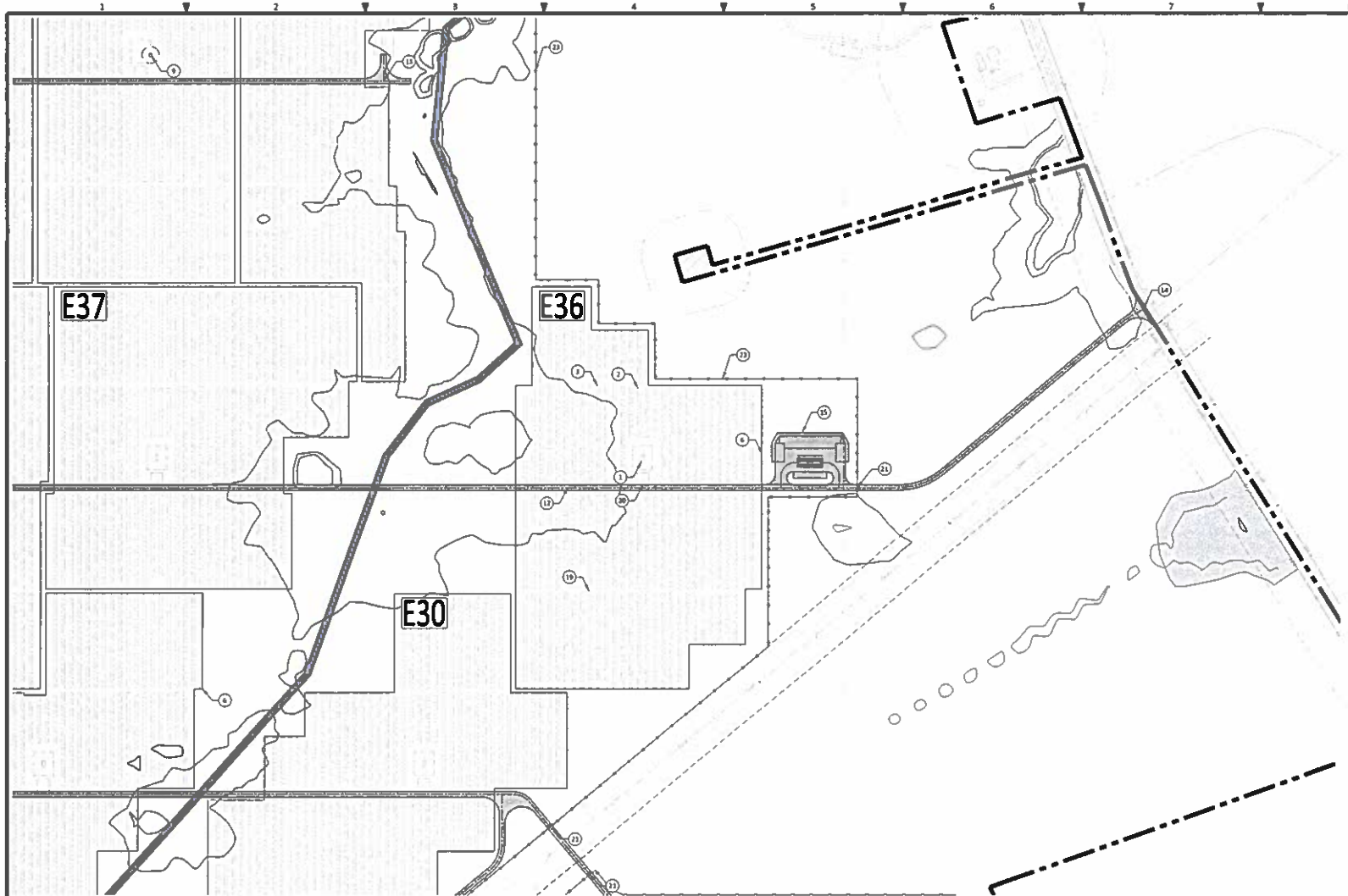
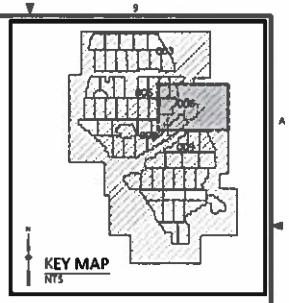
LEAD ENG	J. TUCKER
ENG MGR	T. WEST
PROJ MGR	T. WEST

DRAWING NUMBER
20036602-CS-006





NOTES:

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PROJECT COORDINATE SYSTEM

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SCALE: 1" = 150'

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

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MADISON FIELDS SOLAR PROJECT

Klewit

SAVION

SITE PLAN

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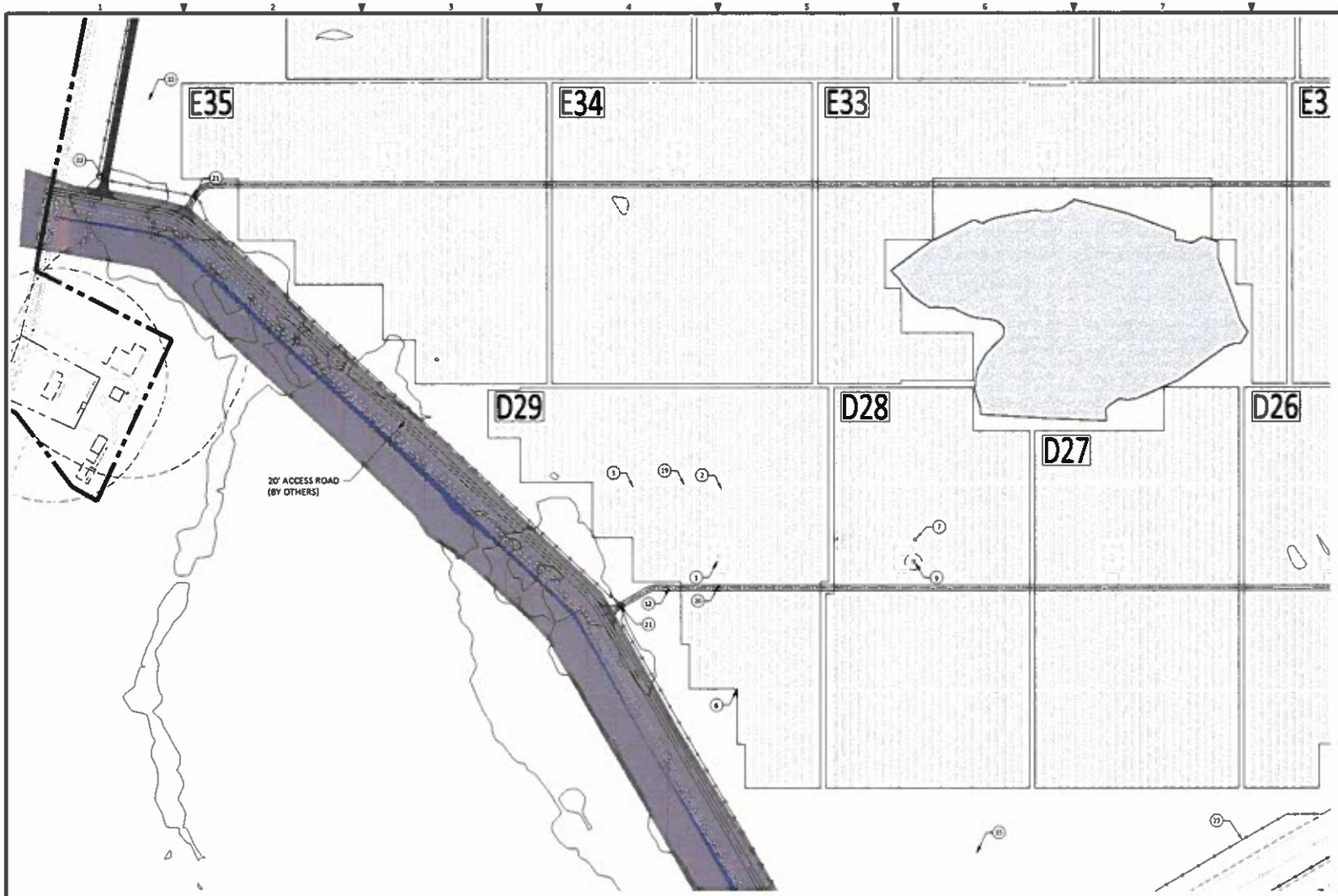
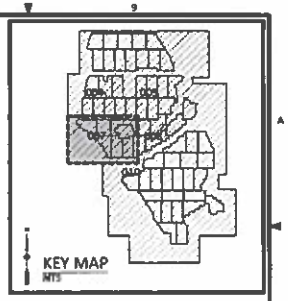
PROJ MGR	T. BEST

DRAWING NUMBER: 20036602-CS-006





NOTES:

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

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- LAYDOWN YARD
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- 1 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- 2 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- DRAIN TILE ALIGNMENT - 24" CMP

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

- PRELIMINARY -
NOT FOR CONSTRUCTION

REV	DESIGN BY	CHECKED BY	DATE
B	ISSUED FOR OPSB STAFF REVIEW		
	P. GREEN	J. TUCKER	09-27-22
A	ISSUED FOR REVIEW		
	P. GREEN	J. TUCKER	09-16-22

MADISON FIELDS SOLAR PROJECT

Klewit

SAVION

SITE PLAN

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

DRAWING NUMBER: 20036602-CS-007

KEYNOTE LEGEND

SOLAR	DESCRIPTION	SITE	DESCRIPTION	FENCING, GATES, EROSION, AND STORM STRUCTURES	DESCRIPTION
1	INVERTER SKID	11	20' ACCESS ROAD	21	DOUBLE SWING GATE (20' WIDE)
2	1-STRING TABLE	12	16' ACCESS ROAD	22	DOUBLE SWING GATE (24' WIDE)
3	2-STRING TABLE	13	HAMMERHEAD	23	AGRICULTURAL FENCE (7' HEIGHT)
4	3-STRING TABLE	14	DRIVE ENTRANCE	24	NOT USED
5	NOT USED	15	CONSTRUCTION LAYDOWN OR LAUNCH POINT	25	NOT USED
6	BLOCK LIMITS	16	CONSTRUCTION ENTRANCE	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 (TO BE ADDED FOR IFC)
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

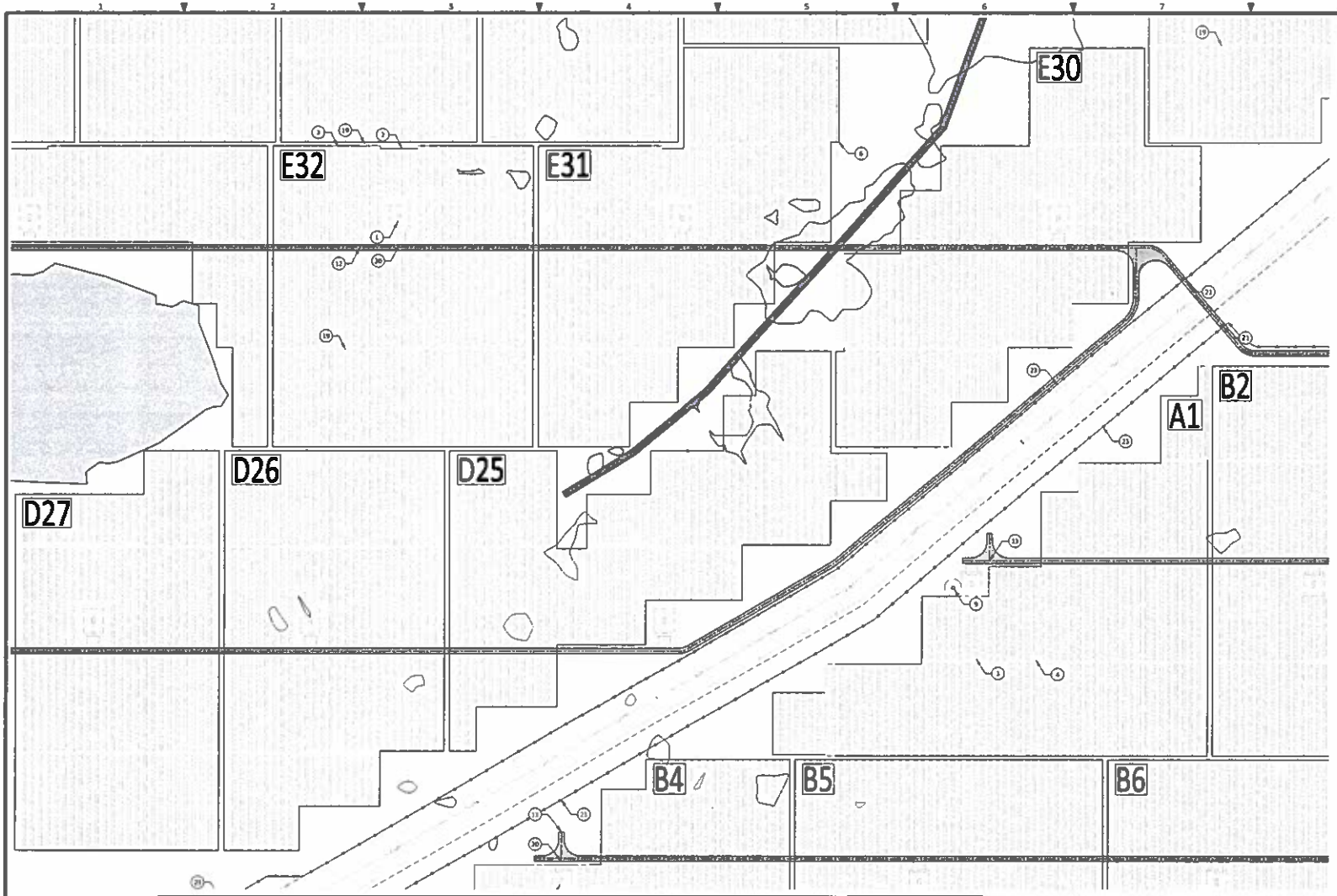
PROJECT COORDINATE SYSTEM

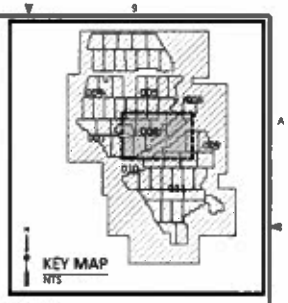
PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.

150 0 150 300
SCALE IN FEET

SCALE: 1" = 150'

N





NOTES:

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

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- LAYDOWN YARD
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- 1 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- 2 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVE ENTRANCE		24	NOT USED
	5	NOT USED		15	CONSTRUCTION LAYDOWN OR LAUNCH POINT		25	NOT USED
	6	BLOCK LIMITS		16	CONSTRUCTION ENTRANCE		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 (TO BE ADDED FOR IFC)
	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

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

- PRELIMINARY -
NOT FOR CONSTRUCTION

REV	DESIGN BY	CHECKED BY	DATE
B	ISSUED FOR OPSB STAFF REVIEW		
	P. GREEN	J. TUCKER	09-27-22
A	ISSUED FOR REVIEW		
	P. GREEN	J. TUCKER	09-16-22

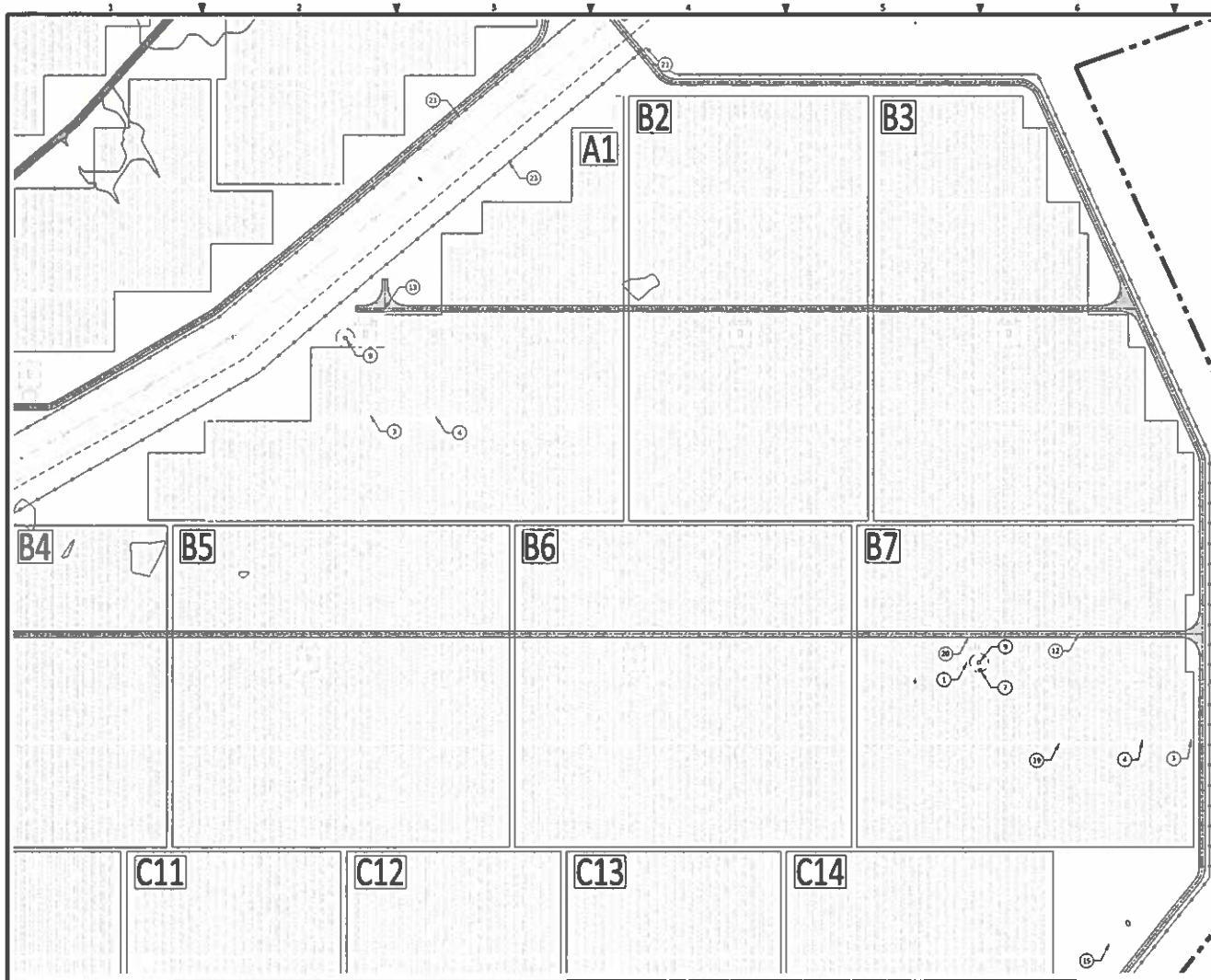
MADISON FIELDS SOLAR PROJECT

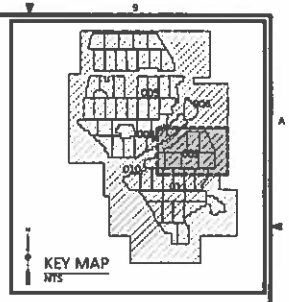
Klewit

SAVION

SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN	DRAWING NUMBER
LEAD ENG	J. TUCKER	20036602-CS-008
ENG MGR	T. BEST	
PROJ MGR	T. BEST	





NOTES:

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

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- LAYDOWN YARD
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- 1 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- 2 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE [20' WIDE]
	2	1-STRING TABLE		12	16' ACCESS ROAD		22	DOUBLE SWING GATE [24' WIDE]
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE [7' HEIGHT]
	4	3-STRING TABLE		14	DRIVE ENTRANCE		24	NOT USED
	5	NOT USED		15	CONSTRUCTION LAYDOWN OR LAUNCH POINT		25	NOT USED
	6	BLOCK LIMITS		16	CONSTRUCTION ENTRANCE		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 (TO BE ADDED FOR IFC)
	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

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

- PRELIMINARY -
NOT FOR CONSTRUCTION

REV	DESIGN BY	CHECKED BY	DATE
B	ISSUED FOR OPSB STAFF REVIEW		
	P. GREEN	J. TUCKER	09-27-22
A	ISSUED FOR REVIEW		
	P. GREEN	J. TUCKER	09-16-22

MADISON FIELDS SOLAR PROJECT

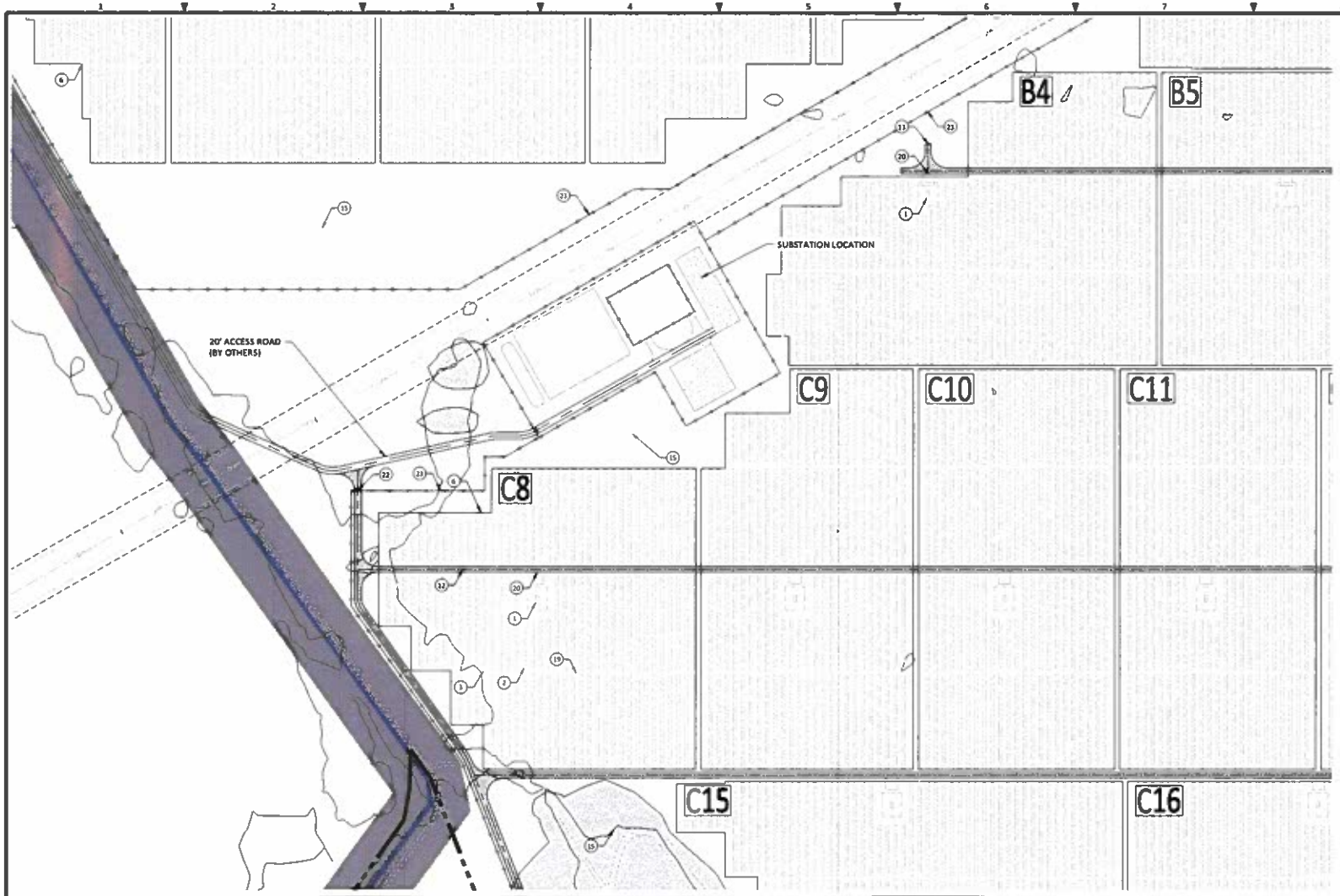
Klewit

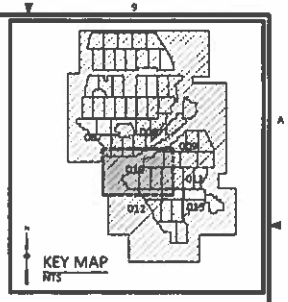
SAVION

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)
- LAYDOWN YARD
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- 1 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- 2 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- DRAIN TILE ALIGNMENT - 24" CMP

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

- PRELIMINARY - NOT FOR CONSTRUCTION

REV	DESIGN BY	CHECKED BY	DATE
B	ISSUED FOR OPSB STAFF REVIEW		
	P. GREEN	J. TUCKER	09-27-22
A	ISSUED FOR REVIEW		
	P. GREEN	J. TUCKER	09-16-22

MADISON FIELDS SOLAR PROJECT

Klewit

SAVION

SITE PLAN

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

DRAWING NUMBER: 20036602-CS-010

KEYNOTE LEGEND

SOLAR		DESCRIPTION	SITE		DESCRIPTION	FENCING, GATES, EROSION, AND STORM STRUCTURES		DESCRIPTION
	1	INVERTER SKID		11	20' ACCESS ROAD		21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVE ENTRANCE		24	NOT USED
	5	NOT USED		15	CONSTRUCTION LAYDOWN OR LAUNCH POINT		25	NOT USED
	6	BLOCK LIMITS		16	CONSTRUCTION ENTRANCE		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 (TO BE ADDED FOR IFC)
	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

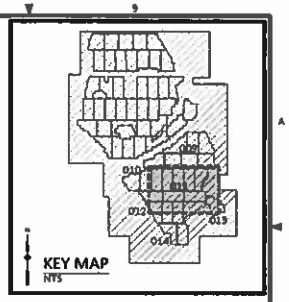
PROJECT COORDINATE SYSTEM

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

150 0 150 300
SCALE IN FEET

SCALE: 1" = 150'

N



NOTES:

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

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- LAYDOWN YARD
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- 1 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- 2 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- DRAIN TILE ALIGNMENT 24" CMP

KEYNOTE LEGEND								
SOLAR		DESCRIPTION	SITE		DESCRIPTION	FENCING, GATES, EROSION, AND STORM STRUCTURES		DESCRIPTION
	1	INVERTER SKID		11	20' ACCESS ROAD		21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVE ENTRANCE		24	NOT USED
	5	NOT USED		15	CONSTRUCTION LAYDOWN OR LAUNCH POINT		25	NOT USED
	6	BLOCK LIMITS		16	CONSTRUCTION ENTRANCE		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 (TO BE ADDED FOR IFC)
	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

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

- PRELIMINARY -
NOT FOR CONSTRUCTION

REV	DESIGN BY	CHECKED BY	DATE
B	ISSUED FOR OPSB STAFF REVIEW		
	P. GREEN	J. TUCKER	09-27-22
A	ISSUED FOR REVIEW		
	P. GREEN	J. TUCKER	08-16-22

MADISON FIELDS SOLAR PROJECT

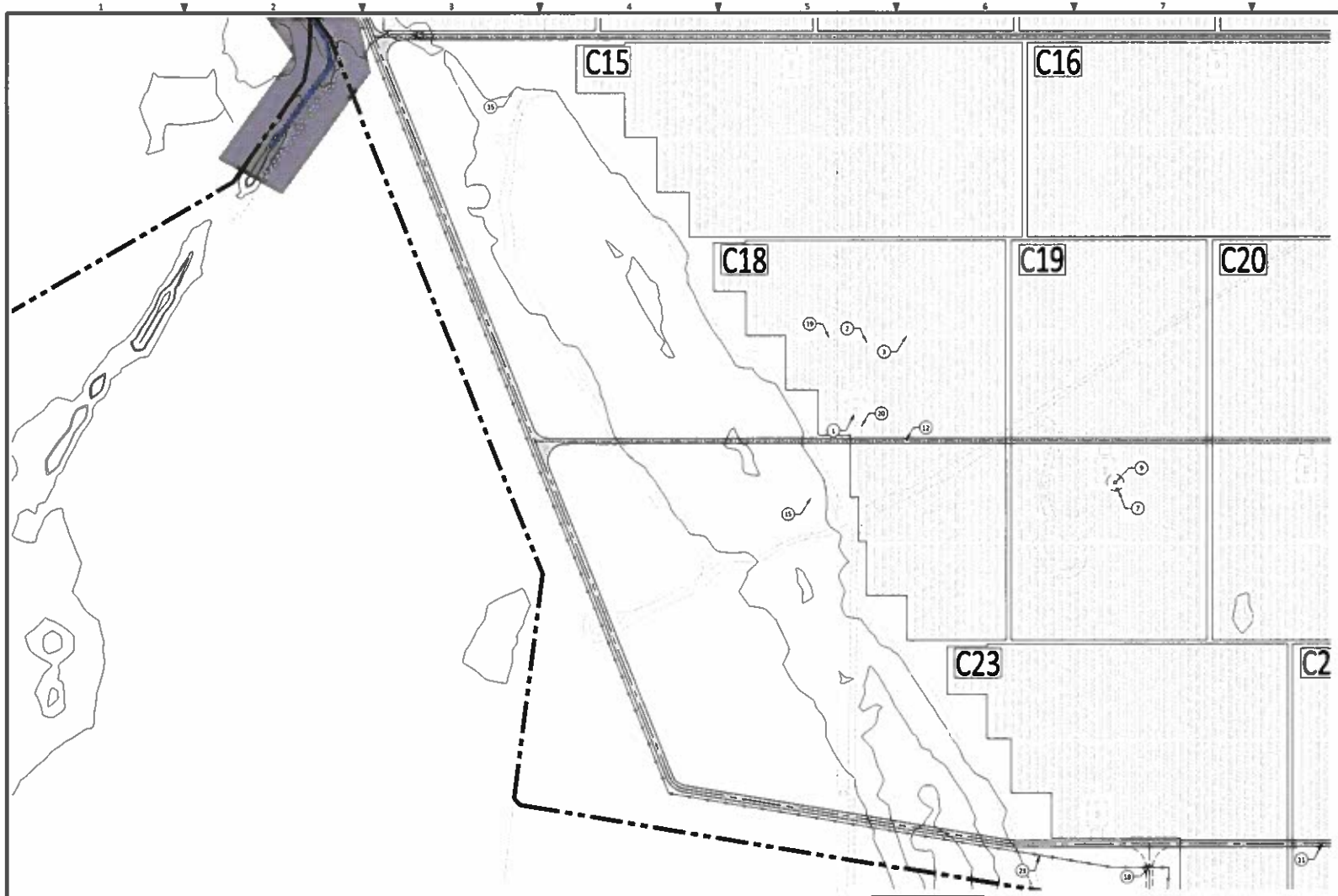
Klewit

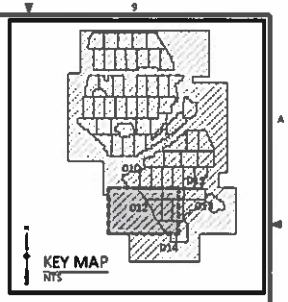
SAVION

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)
- LAYDOWN YARD
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- 1 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- 2 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVE ENTRANCE		24	NOT USED
	5	NOT USED		15	CONSTRUCTION LAYDOWN OR LAUNCH POINT		25	NOT USED
	6	BLOCK LIMITS		16	CONSTRUCTION ENTRANCE		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 (TO BE ADDED FOR IFC)
	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

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANSON PE.86071

- PRELIMINARY -
NOT FOR CONSTRUCTION

REV	DESIGN BY	CHECKED BY	DATE
B	ISSUED FOR OPSB STAFF REVIEW		
	P. GREEN	J. TUCKER	09-27-22
A	ISSUED FOR REVIEW		
	P. GREEN	J. TUCKER	09-16-22

MADISON FIELDS SOLAR PROJECT

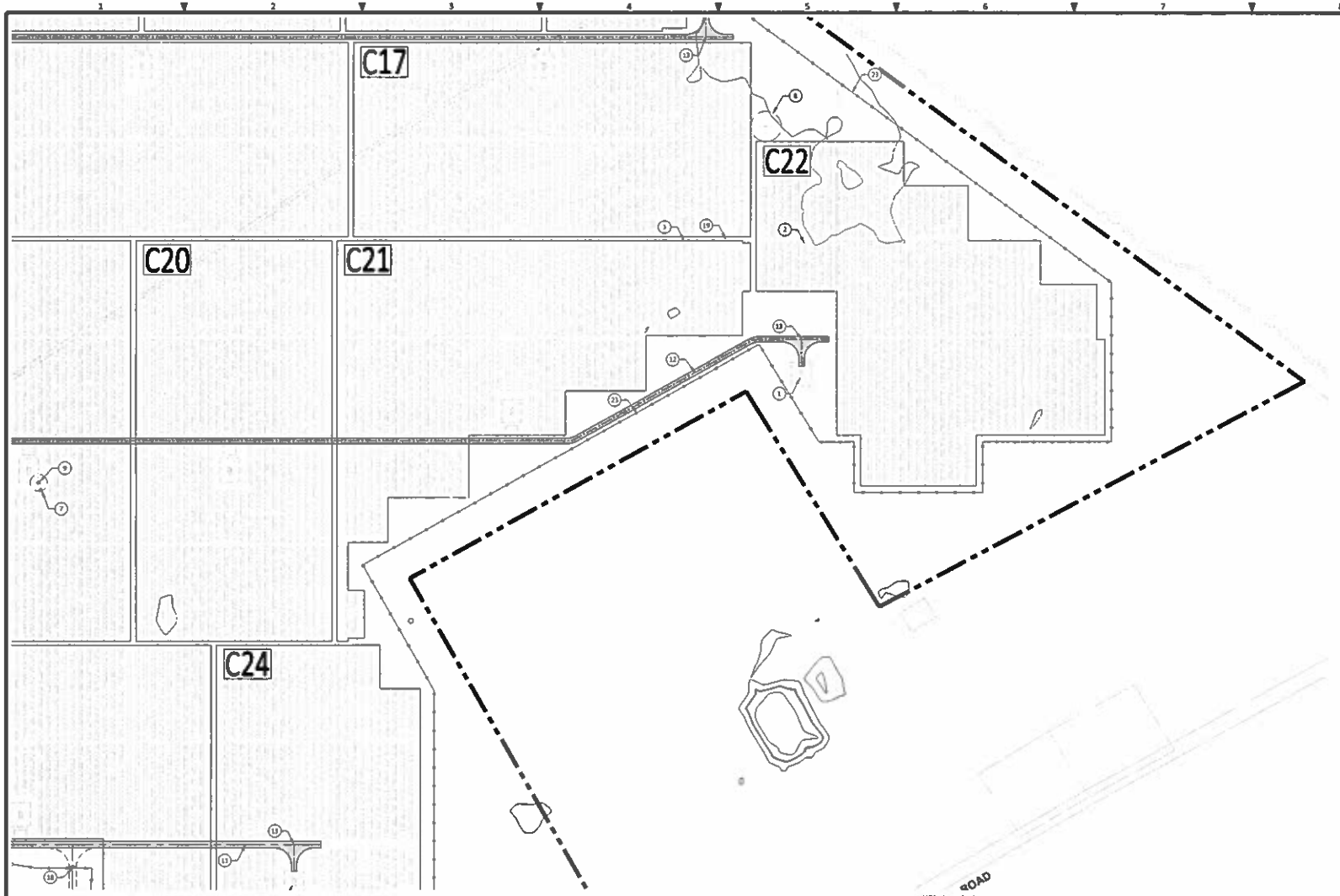
Klewit

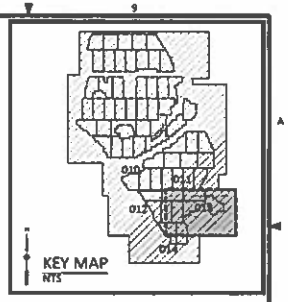
SAVION

SITE PLAN

ENGINEER/DESIGN COORDINATOR	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)
- LAYDOWN YARD
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- 1 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- 2 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- DRAIN TILE ALIGNMENT - 24" CMP

KEYNOTE LEGEND

		DESCRIPTION			DESCRIPTION			DESCRIPTION
SOLAR	1	INVERTER SKID	SITE	11	20' ACCESS ROAD	FENCING, GATES, EROSION, AND STORM STRUCTURES	21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVE ENTRANCE		24	NOT USED
	5	NOT USED		15	CONSTRUCTION LAYDOWN OR LAUNCH POINT		25	NOT USED
	6	BLOCK LIMITS		16	CONSTRUCTION ENTRANCE		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 (TO BE ADDED FOR IFC)
	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

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

- PRELIMINARY -
NOT FOR CONSTRUCTION

REV	DESIGN BY	CHECKED BY	DATE
B	ISSUED FOR OPSB STAFF REVIEW		
	P. GREEN	J. TUCKER	09-27-22
A	ISSUED FOR REVIEW		
	P. GREEN	J. TUCKER	09-16-22

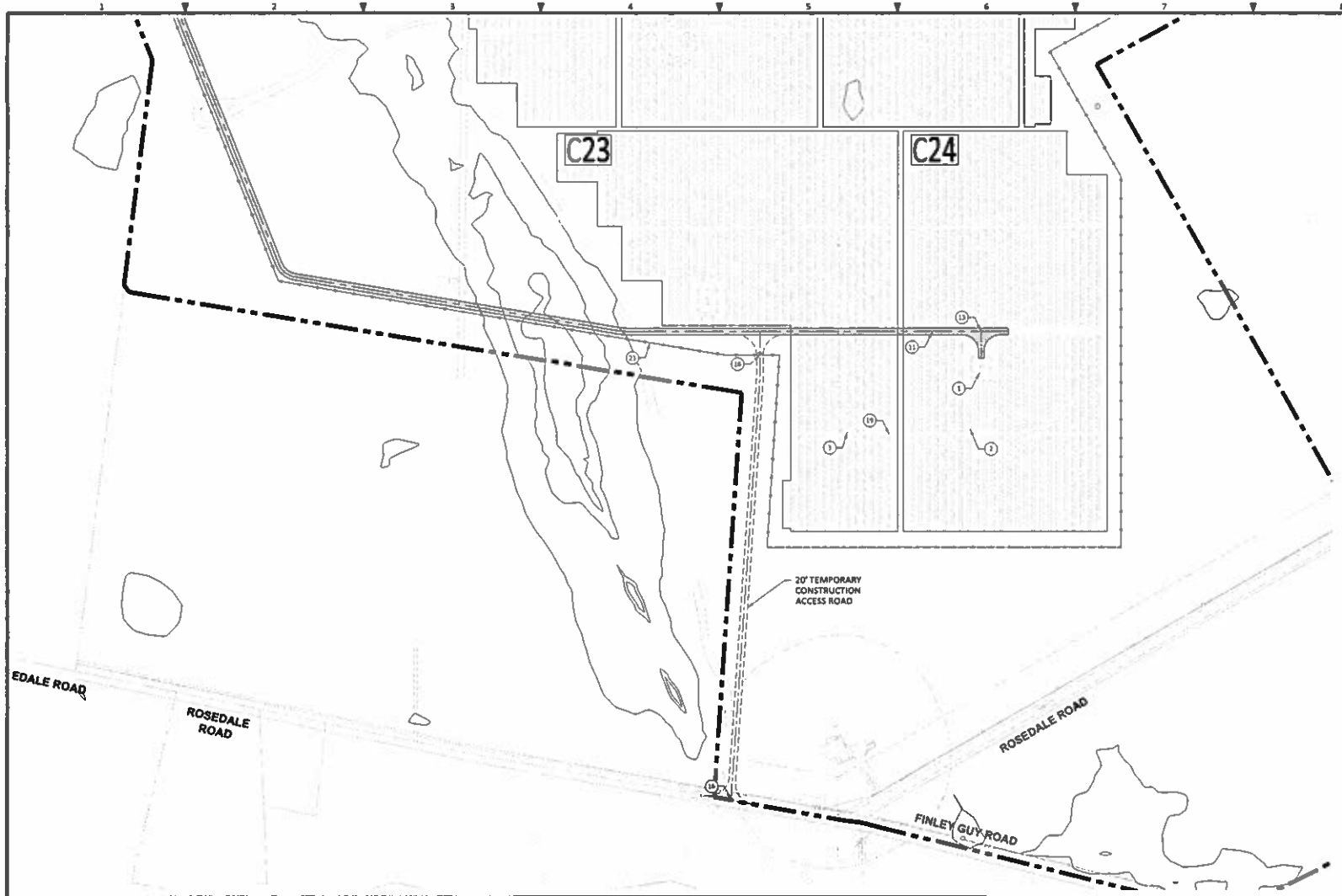
MADISON FIELDS SOLAR PROJECT

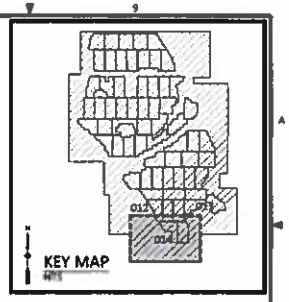
Klewit

SAVION

SITE PLAN

ENGINEER/DESIGN ORIGINATOR	P. GREEN	DRAWING NUMBER
LEAD ENG	J. TUCKER	20036602-CS-013
ENG MGR	T. BEST	
PROJ MGR	T. BEST	





NOTES:

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

SITE PLAN LEGEND

- PROJECT BOUNDARY
- HWY 196 — EXISTING ROADWAY (AND ASSOCIATED ROW)
- LAYDOWN YARD
- 7' AGRICULTURAL FENCE
- 16' INVERTER ACCESS ROAD
- 20' ACCESS ROAD
- DELINEATED WATERBODY W/ BUFFER
- 1 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- 2 FOOT PONDING DEPTH 100-YR STORM (APPROX)
- DRAIN TILE ALIGNMENT - 24" CMP

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

- PRELIMINARY -
NOT FOR CONSTRUCTION

REV	DESIGN BY	CHECKED BY	DATE
B	ISSUED FOR OPSB STAFF REVIEW		
	P. GREEN	J. TUCKER	09-27-22
A	ISSUED FOR REVIEW		
	P. GREEN	J. TUCKER	09-16-22

MADISON FIELDS SOLAR PROJECT

Klewit

SAVION

SITE PLAN

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

DRAWING NUMBER: 20036602-CS-014

KEYNOTE LEGEND

SOLAR		DESCRIPTION	SITE		DESCRIPTION	FENCING, GATES, EROSION, AND STORM STRUCTURES		DESCRIPTION
	1	INVERTER SKID		11	20' ACCESS ROAD		21	DOUBLE SWING GATE (20' WIDE)
	2	1-STRING TABLE		12	16' ACCESS ROAD		22	DOUBLE SWING GATE (24' WIDE)
	3	2-STRING TABLE		13	HAMMERHEAD		23	AGRICULTURAL FENCE (7' HEIGHT)
	4	3-STRING TABLE		14	DRIVE ENTRANCE		24	NOT USED
	5	NOT USED		15	CONSTRUCTION LAYDOWN OR LAUNCH POINT		25	NOT USED
	6	BLOCK LIMITS		16	CONSTRUCTION ENTRANCE		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 (TO BE ADDED FOR IFC)
	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

Madison Fields Solar Project, LLC
Case No. 19-1881-EL-BGN
Case No. 21-508-EL-BGA

Attachment 2
Madison Fields Solar Project
Engineering Drawings

2. Limits of Distrubance Map

DICKINSON WRIGHT PLLC

LIMITS OF DISTURBANCE LEGEND

- HWY 86 — EXISTING ROADWAY
- EXISTING FENCE
- APPROXIMATE PROJECT BOUNDARY
- DELINEATED WETLAND
- LIMITS OF DISTURBANCE

- PRELIMINARY -
NOT FOR CONSTRUCTION

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

PROJECT COORDINATE SYSTEM

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

1000 0 1000 2000
SCALE IN FEET

SCALE: 1" = 1000'

N

REV	DESIGN BY	CHECKED BY	DATE
A	ISSUED FOR OPSB STAFF REVIEW		
	P. GREEN	J. TUCKER	09-29-22

MADISON FIELDS SOLAR PROJECT

Klewit

SAVION

LIMITS OF DISTURBANCE PLAN

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

DRAWING NUMBER: SKC-20036602-CM-001

Madison Fields Solar Project, LLC
Case No. 19-1881-EL-BGN
Case No. 21-508-EL-BGA

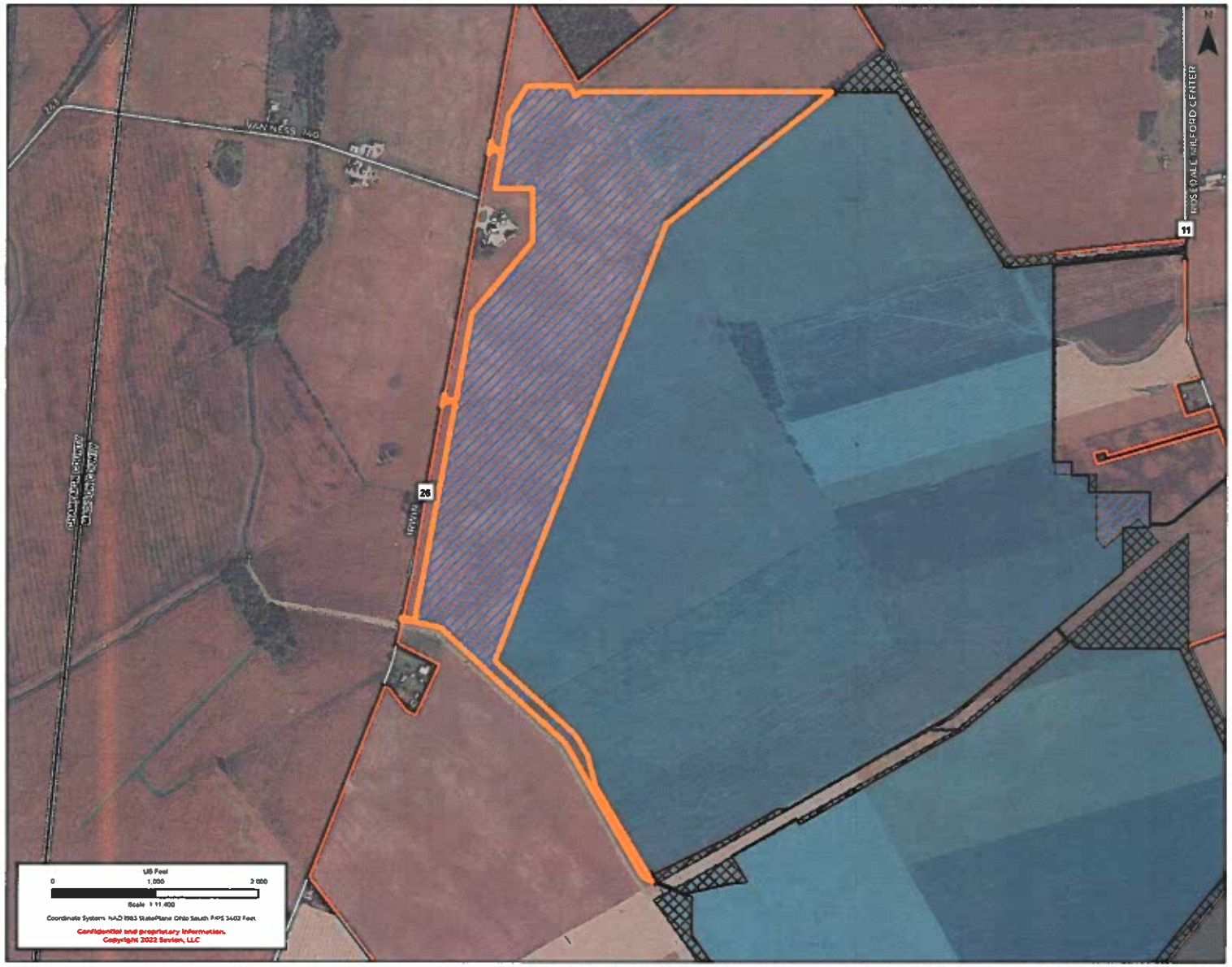
Attachment 2
Madison Fields Solar Project
Engineering Drawings

3. Site Adjustment Maps

DICKINSON WRIGHT PLLC

MADISON FIELDS SOLAR PROJECT

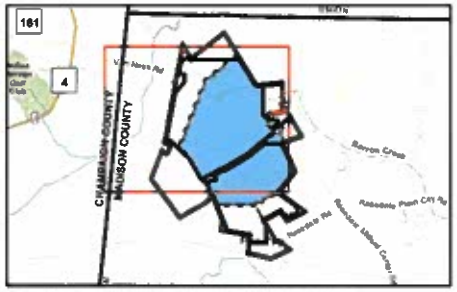
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 950 FEET
NOTES AREA: ADDED (~190.36)	
SHEET LAYOUT COMPARISON	

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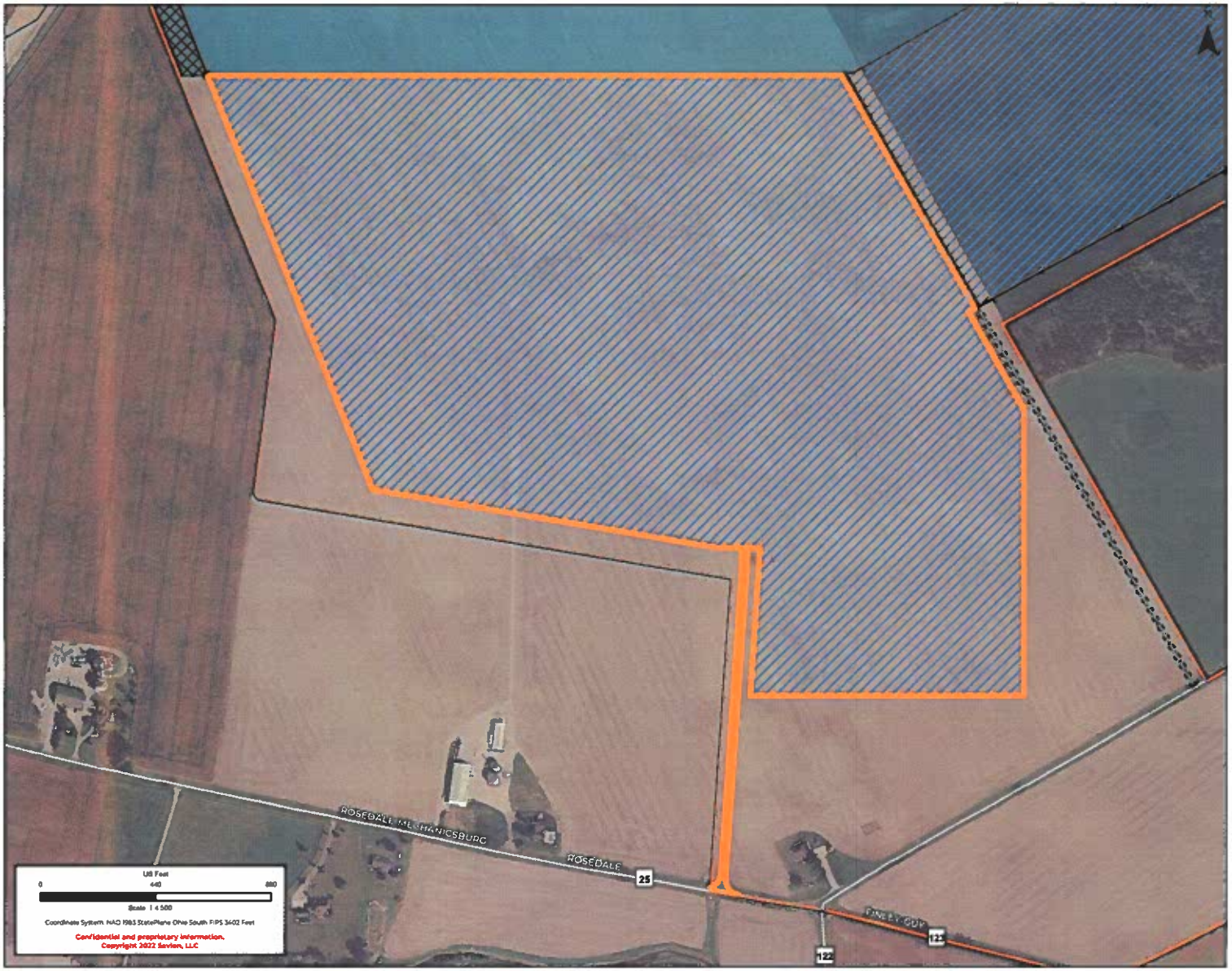
MADISON FIELDS SOLAR PROJECT

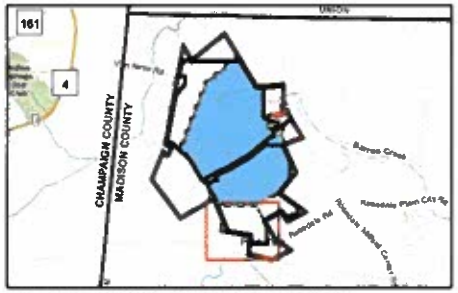
SAVION
A RENEWABLE ENERGY COMPANY



- Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 375 FEET
NOTES AREA: ADDED (~115.24)	
SHEET LAYOUT COMPARISON	

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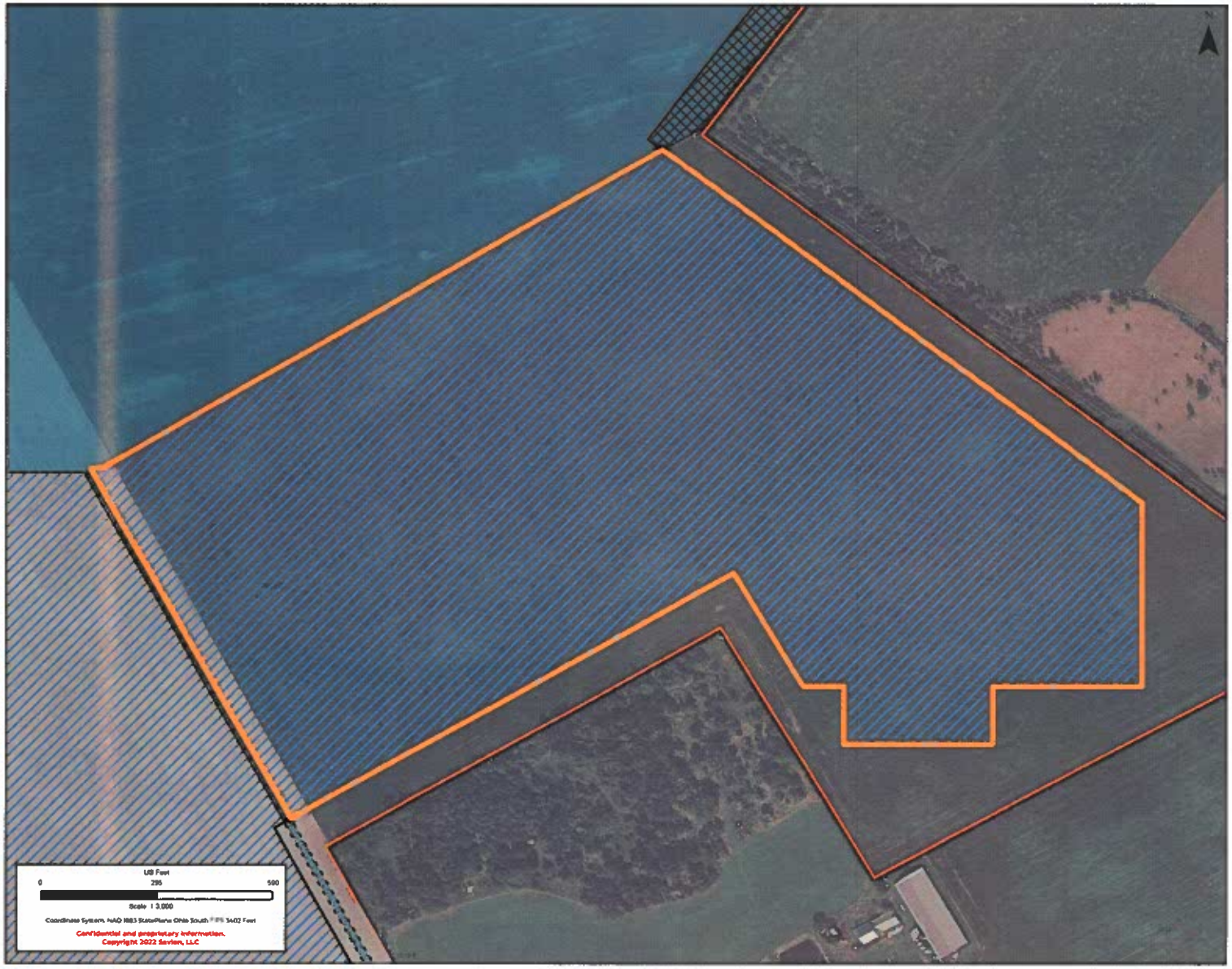
MADISON FIELDS SOLAR PROJECT

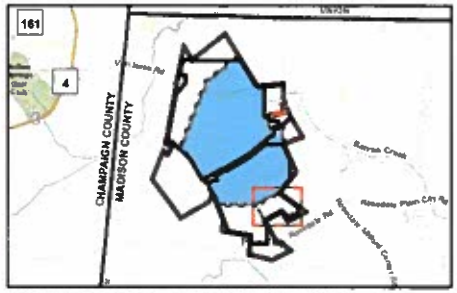
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 250 FEET
NOTES AREA: ADDED (~57.82)	
SHEET LAYOUT COMPARISON	

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MADISON FIELDS SOLAR PROJECT

SAVION
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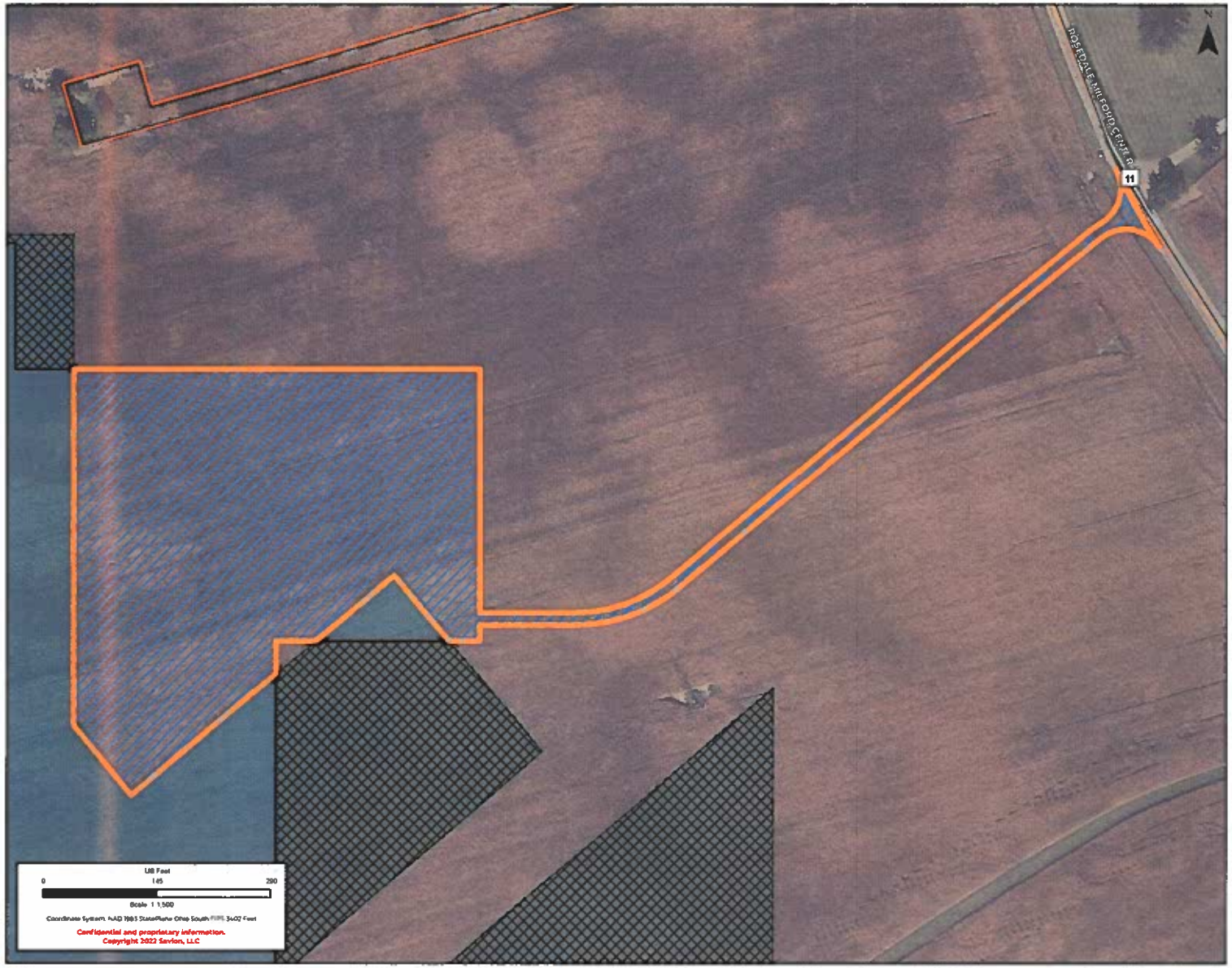
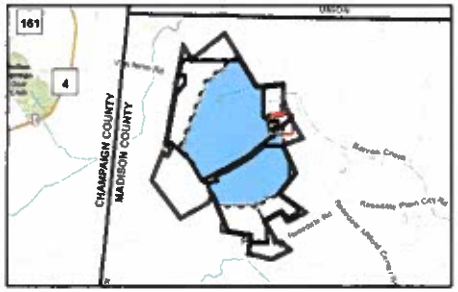


Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 125 FEET
NOTES AREA: ADDED (~5.12)	
SHEET LAYOUT COMPARISON	

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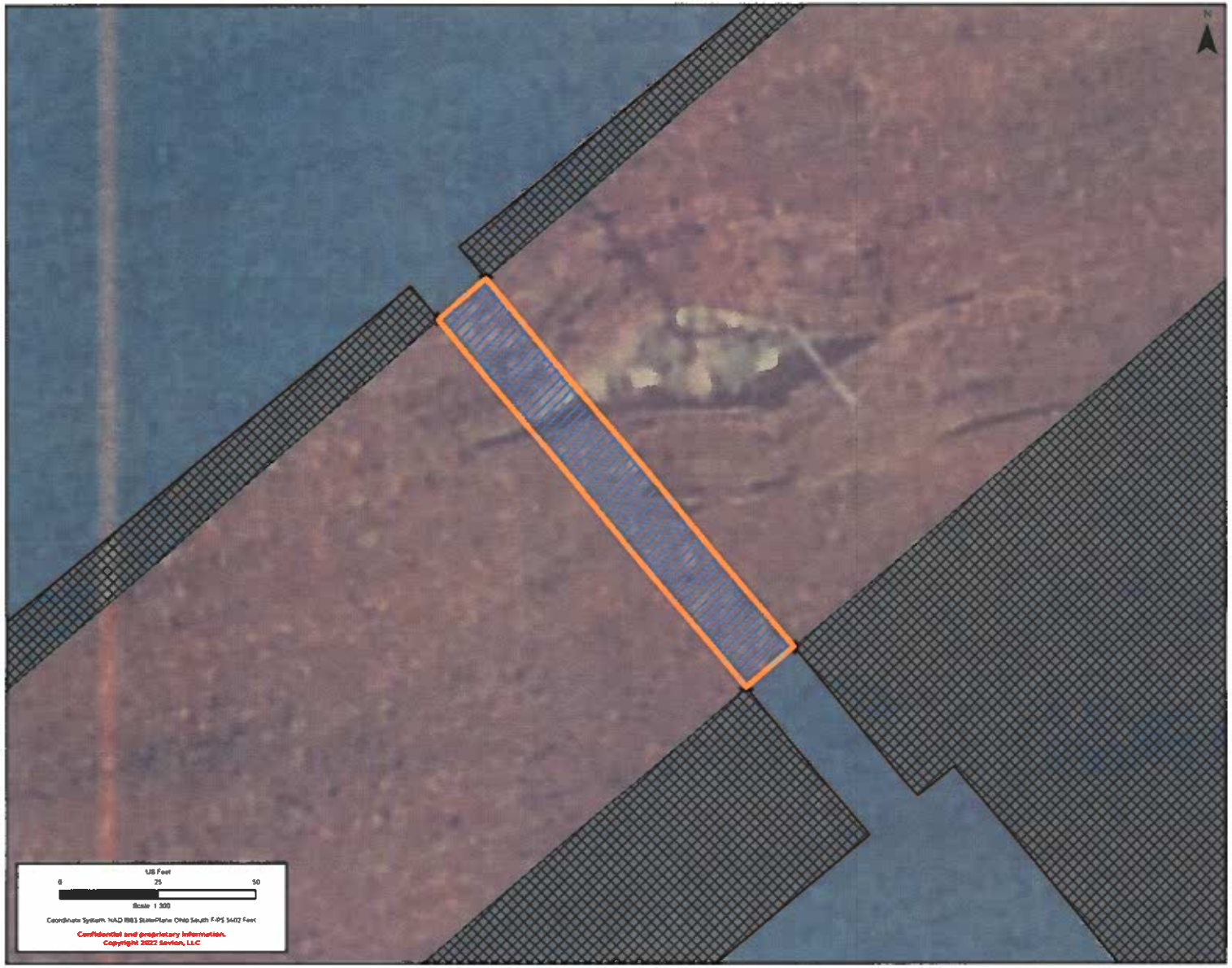
MADISON FIELDS SOLAR PROJECT

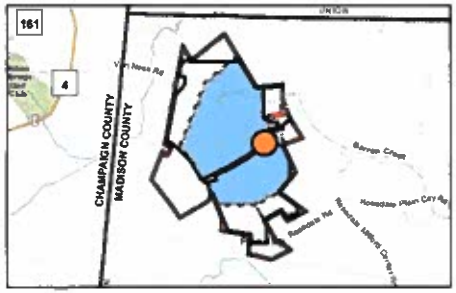
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 25 FEET
NOTES AREA: ADDED (~0.05)	
SHEET LAYOUT COMPARISON	

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MADISON FIELDS SOLAR PROJECT

SAVION
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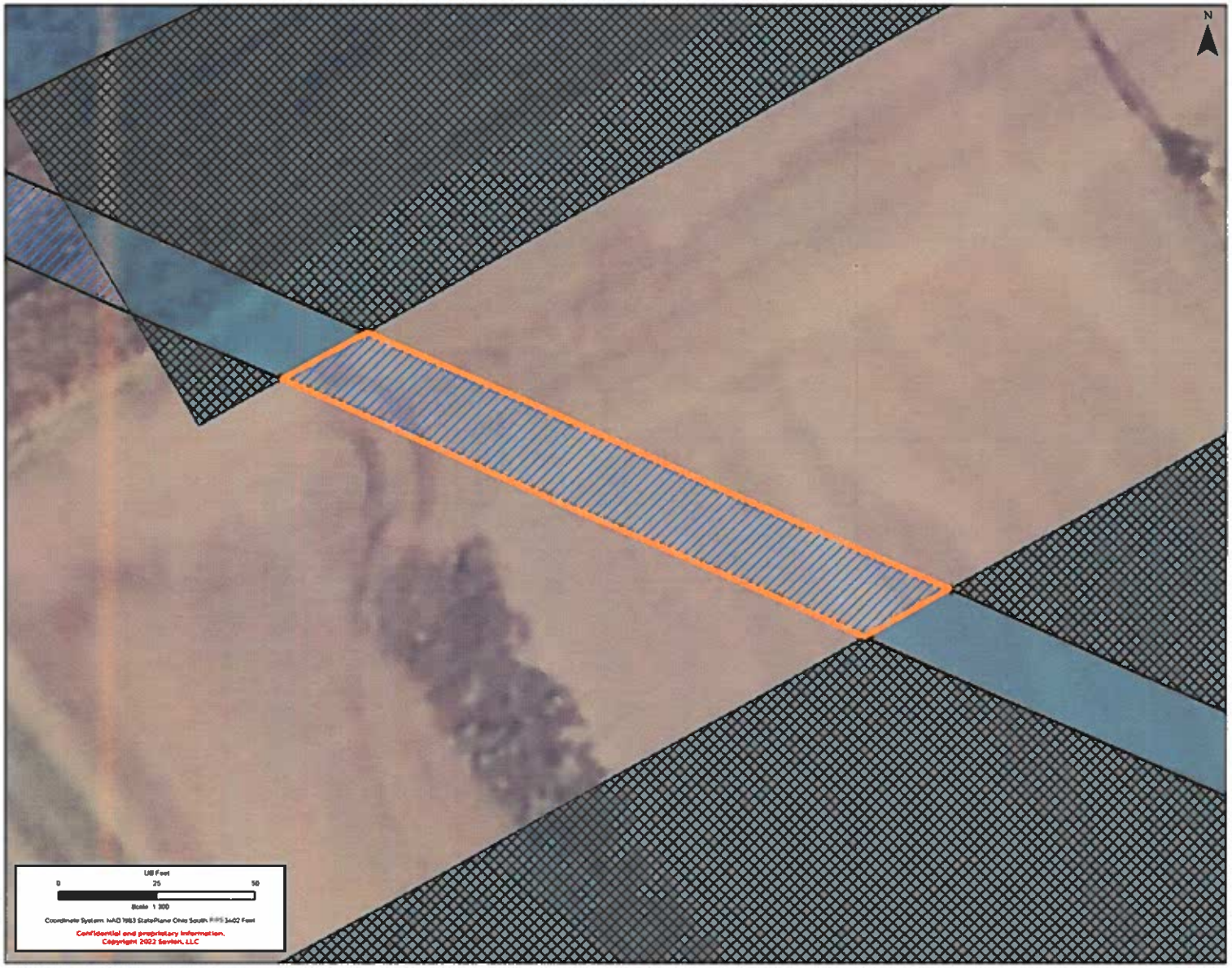
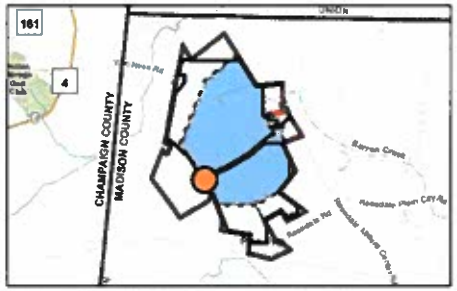


Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 25 FEET
NOTES AREA: ADDED (~0.07)	
SHEET LAYOUT COMPARISON	

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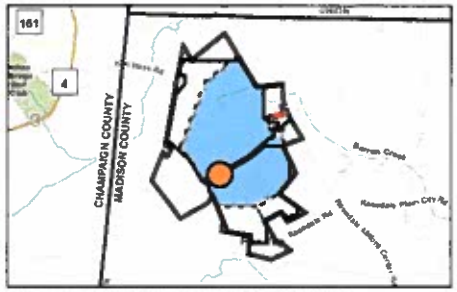
MADISON FIELDS SOLAR PROJECT

SAVION
A RENEWABLE ENERGY COMPANY

Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 50 FEET
NOTES AREA: ADDED (~0.21)	
SHEET LAYOUT COMPARISON	

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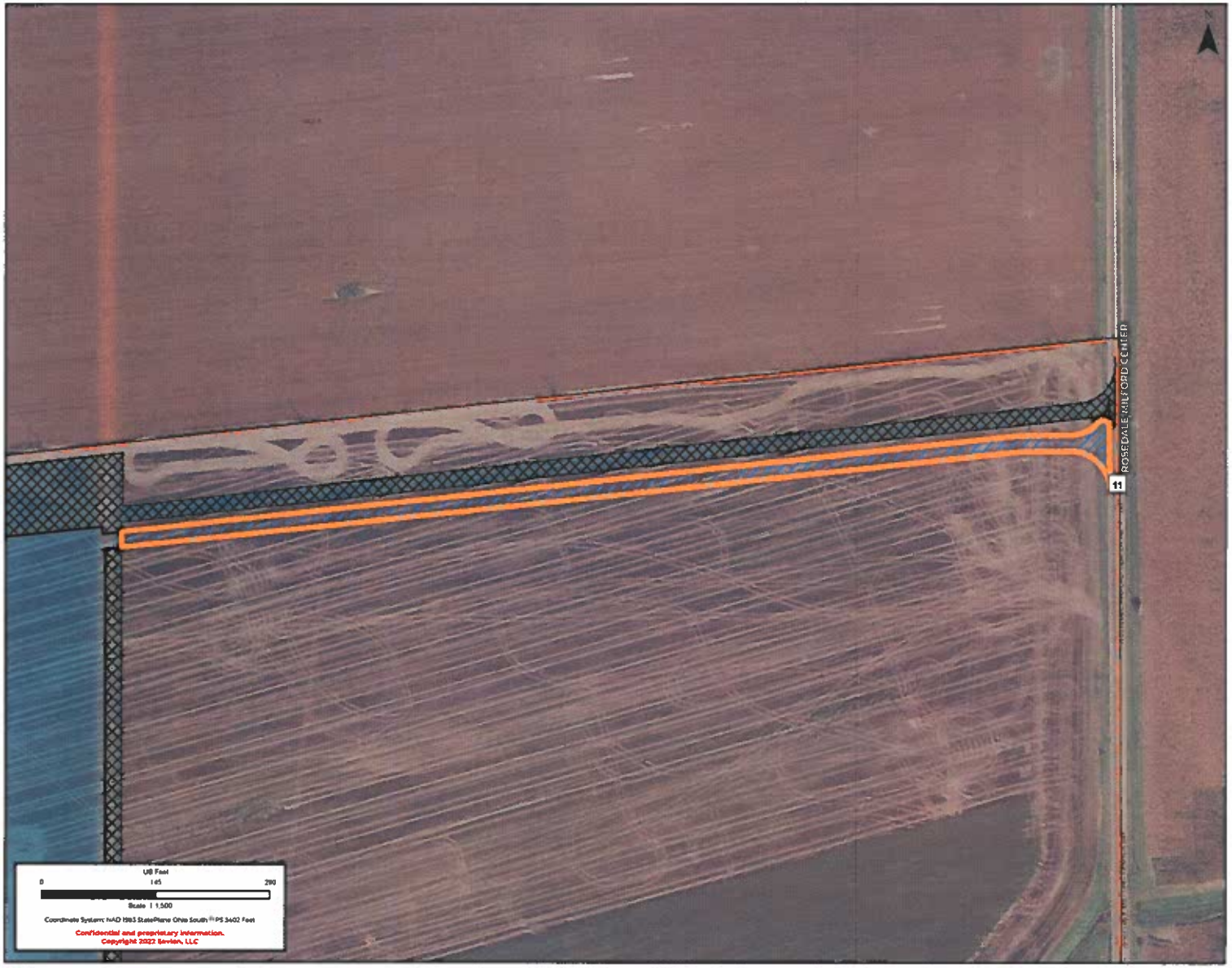
MADISON FIELDS SOLAR PROJECT

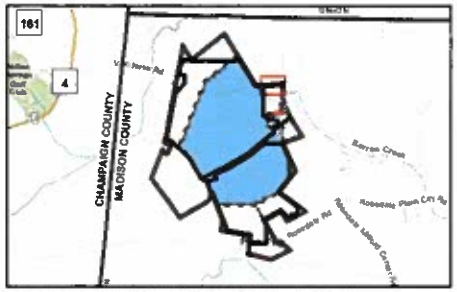
SAVION
A RENEWABLE ENERGY COMPANY



- Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 9/27/2022	SCALE: 1 INCH : 125 FEET
NOTES: AREA: ADDED (~0.6)	
SHEET: LAYOUT COMPARISON	

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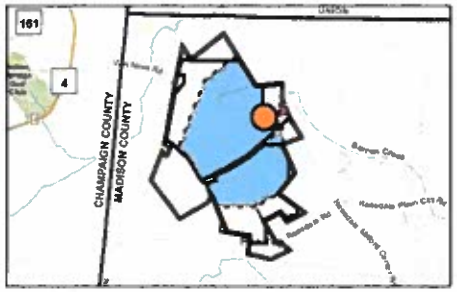
MADISON FIELDS SOLAR PROJECT

SAVION
A RENEWABLE ENERGY COMPANY

Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 25 FEET
NOTE AREA: ADDED (~0.44)	
SHEET LAYOUT COMPARISON	

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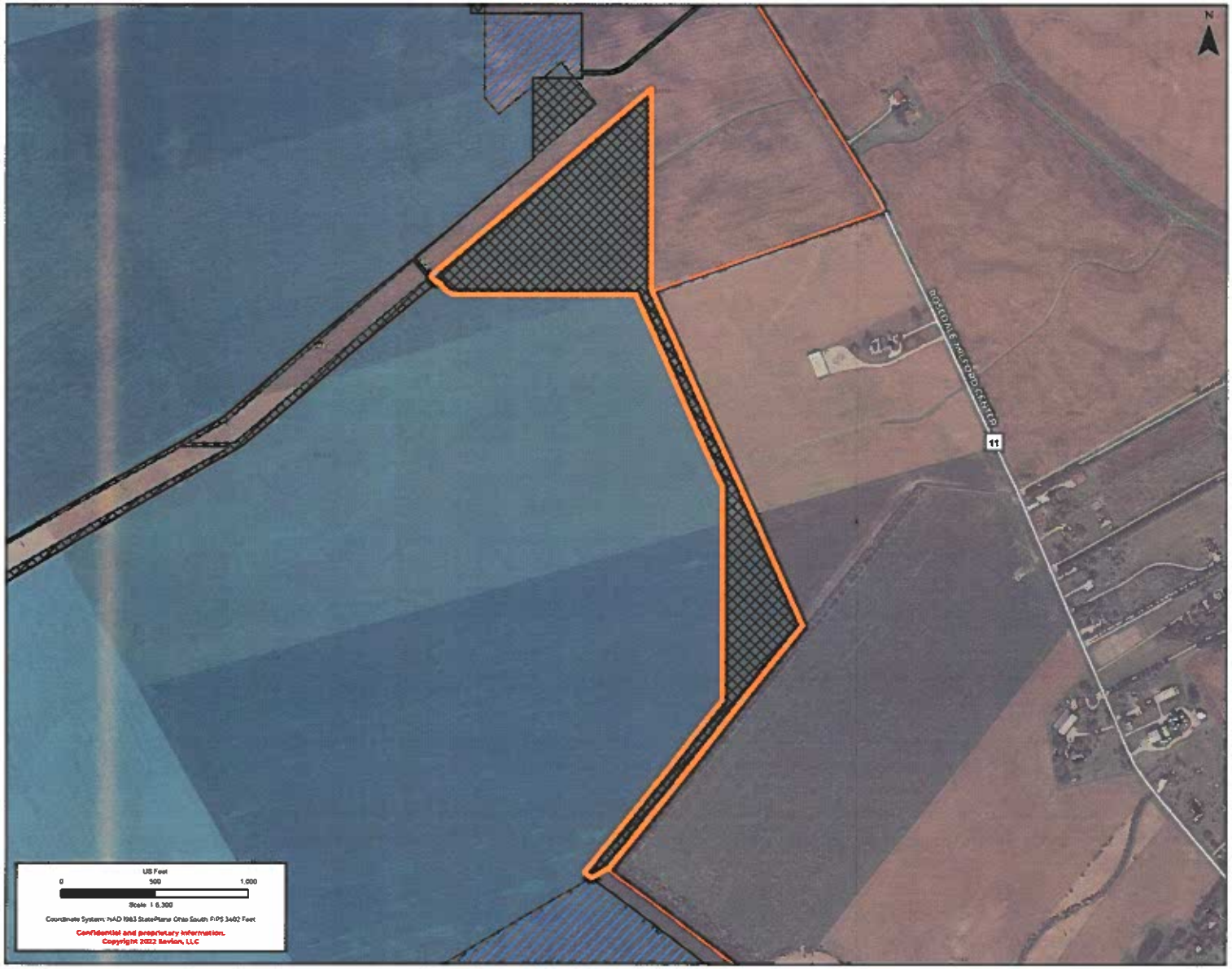
MADISON FIELDS SOLAR PROJECT

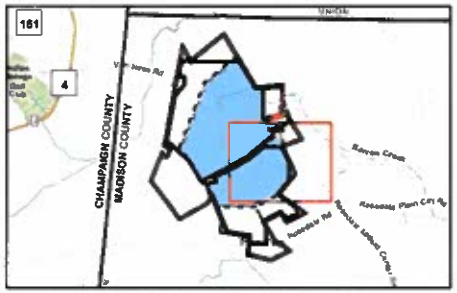
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 525 FEET
NOTES AREA: REMOVED (~27.83)	
SHEET LAYOUT COMPARISON	

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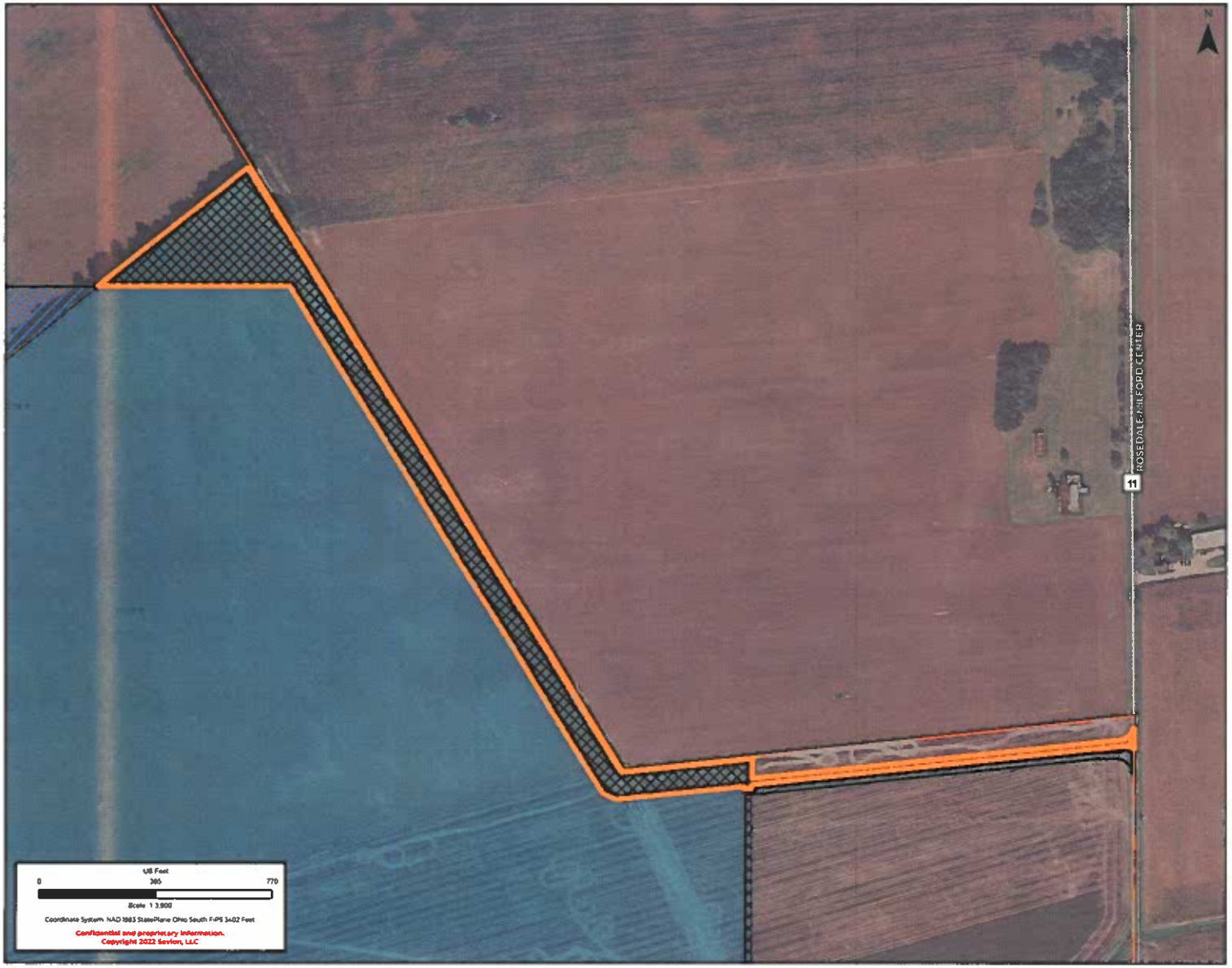
MADISON FIELDS SOLAR PROJECT

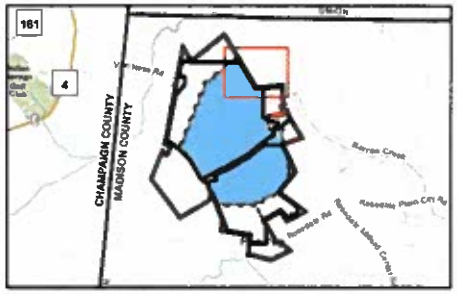
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 9/27/2022	SCALE: 1 INCH : 325 FEET
NOTES: AREA: REMOVED (~8.88)	
SHEET: LAYOUT COMPARISON	

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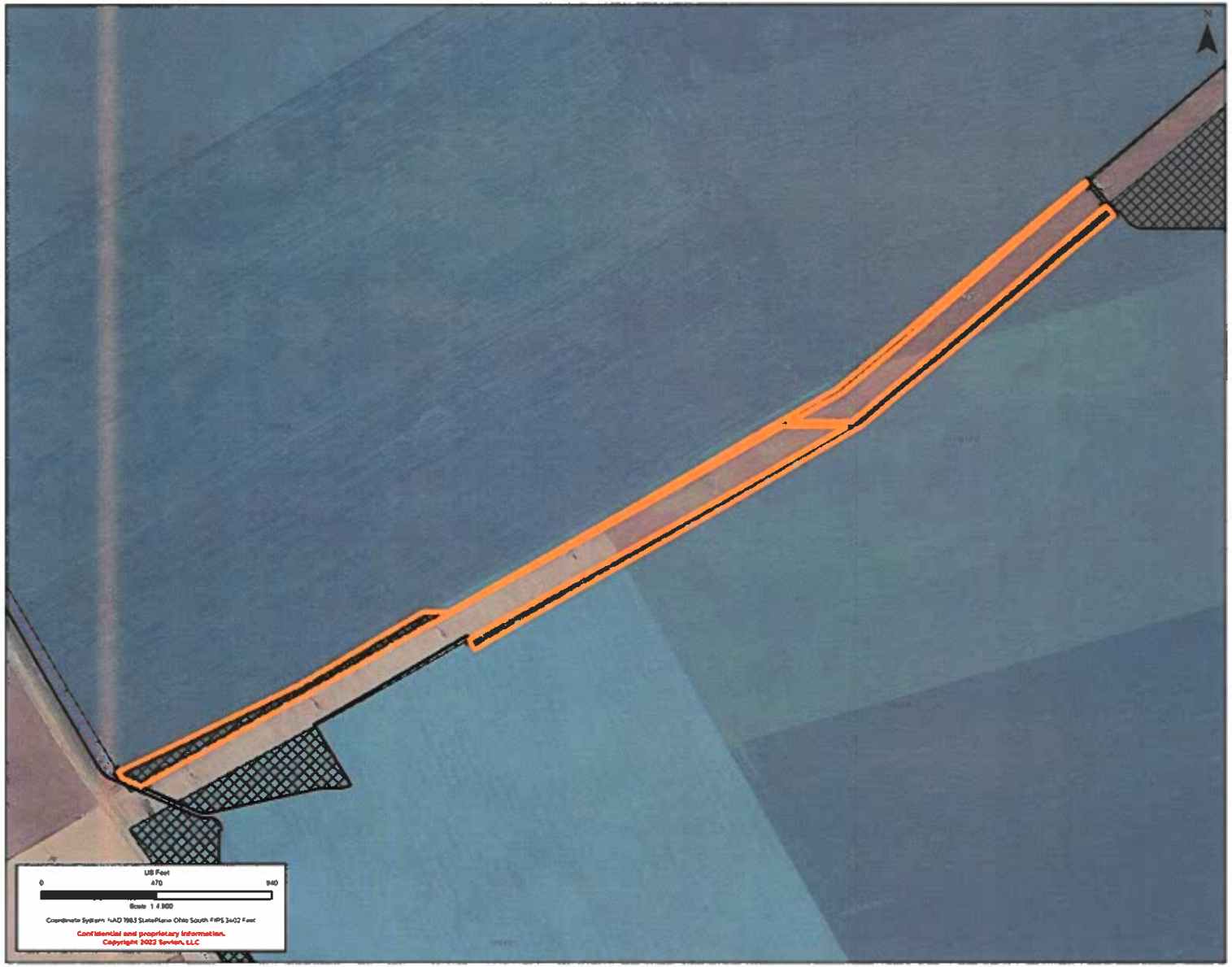
MADISON FIELDS SOLAR PROJECT

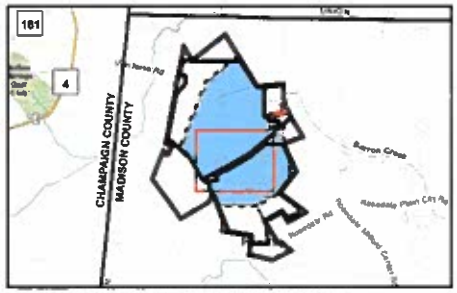
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 400 FEET
NOTES AREA: REMOVED (~6.43)	
SHEET LAYOUT COMPARISON	

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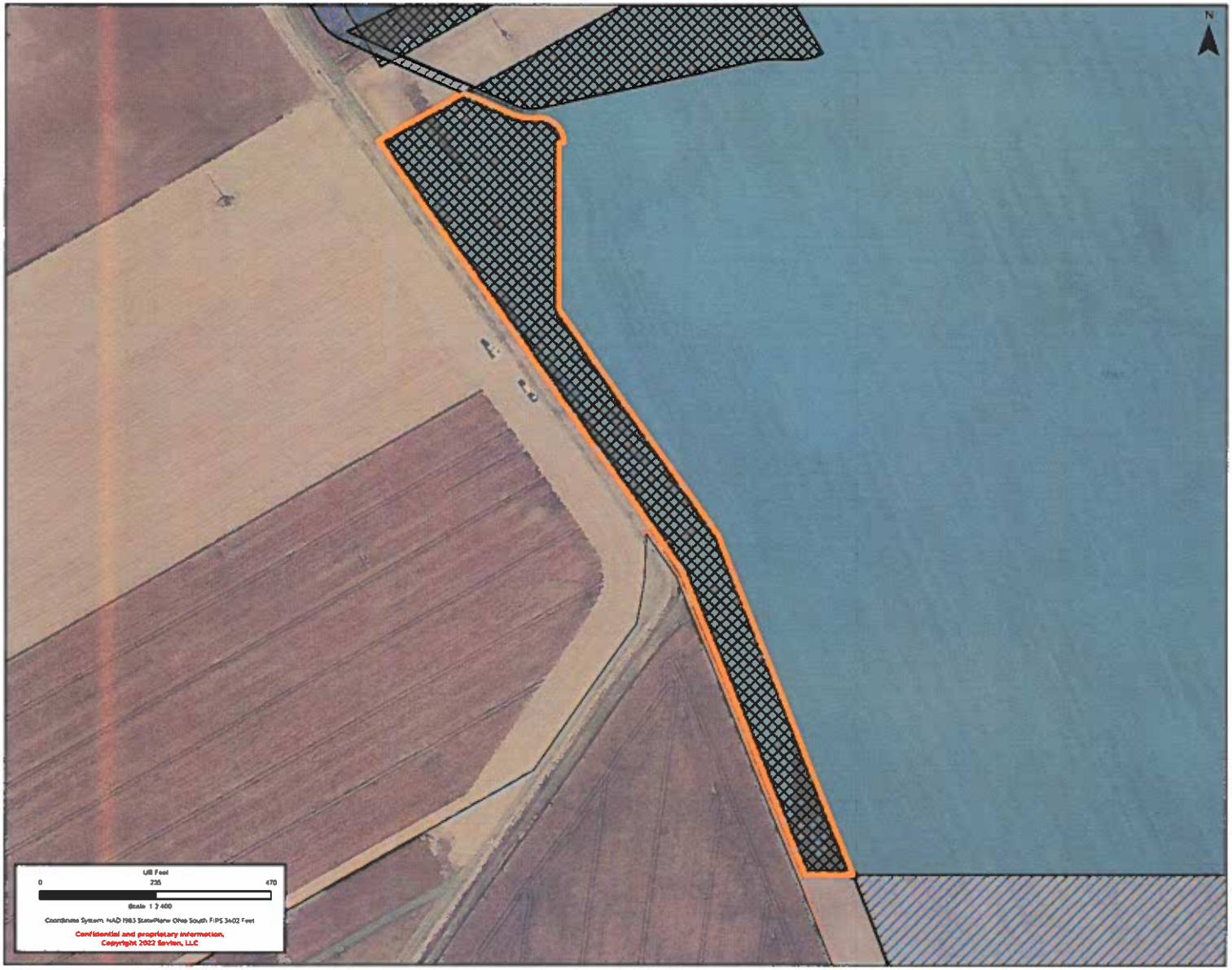
MADISON FIELDS SOLAR PROJECT

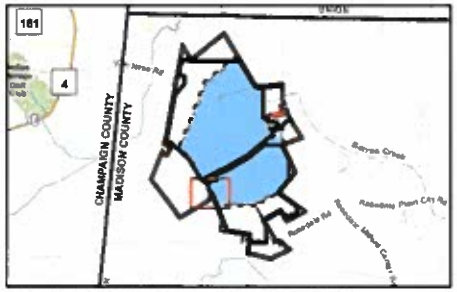
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 200 FEET
NOTES AREA: REMOVED (~5.31)	
SHEET LAYOUT COMPARISON	

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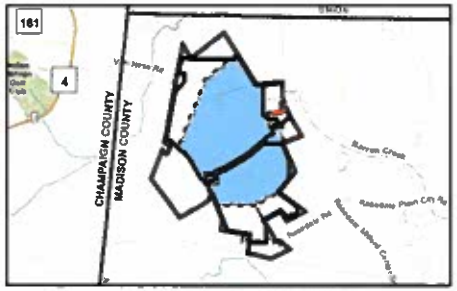
MADISON FIELDS SOLAR PROJECT

SAVION
A RENEWABLE ENERGY COMPANY

Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



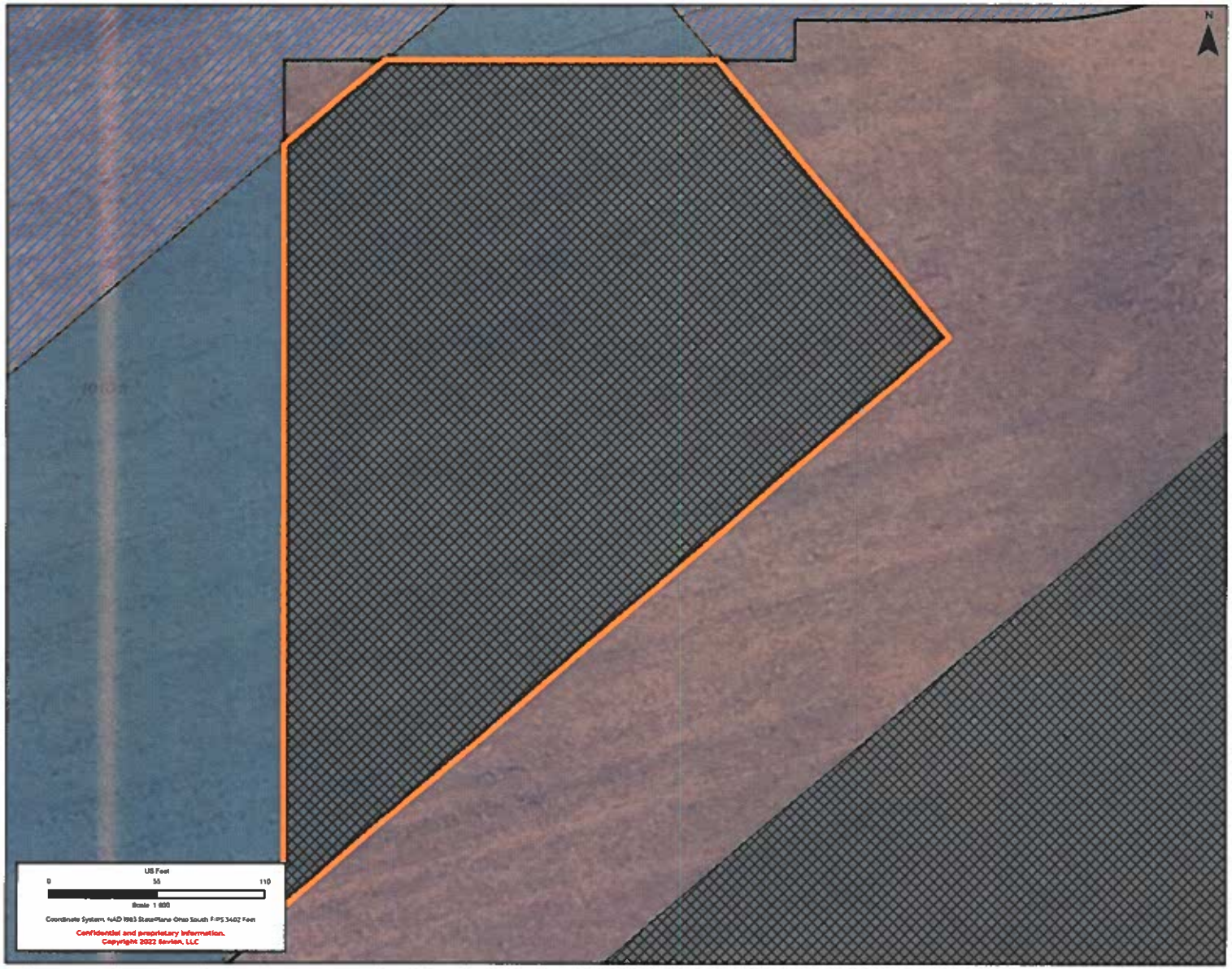
PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 75 FEET
NOTES AREA: REMOVED (~2.52)	
SHEET LAYOUT COMPARISON	

The following companies and organizations provided data that contributed to the production of the 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

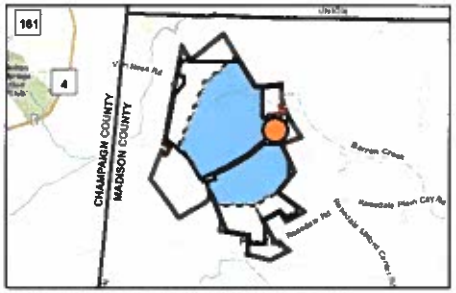
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



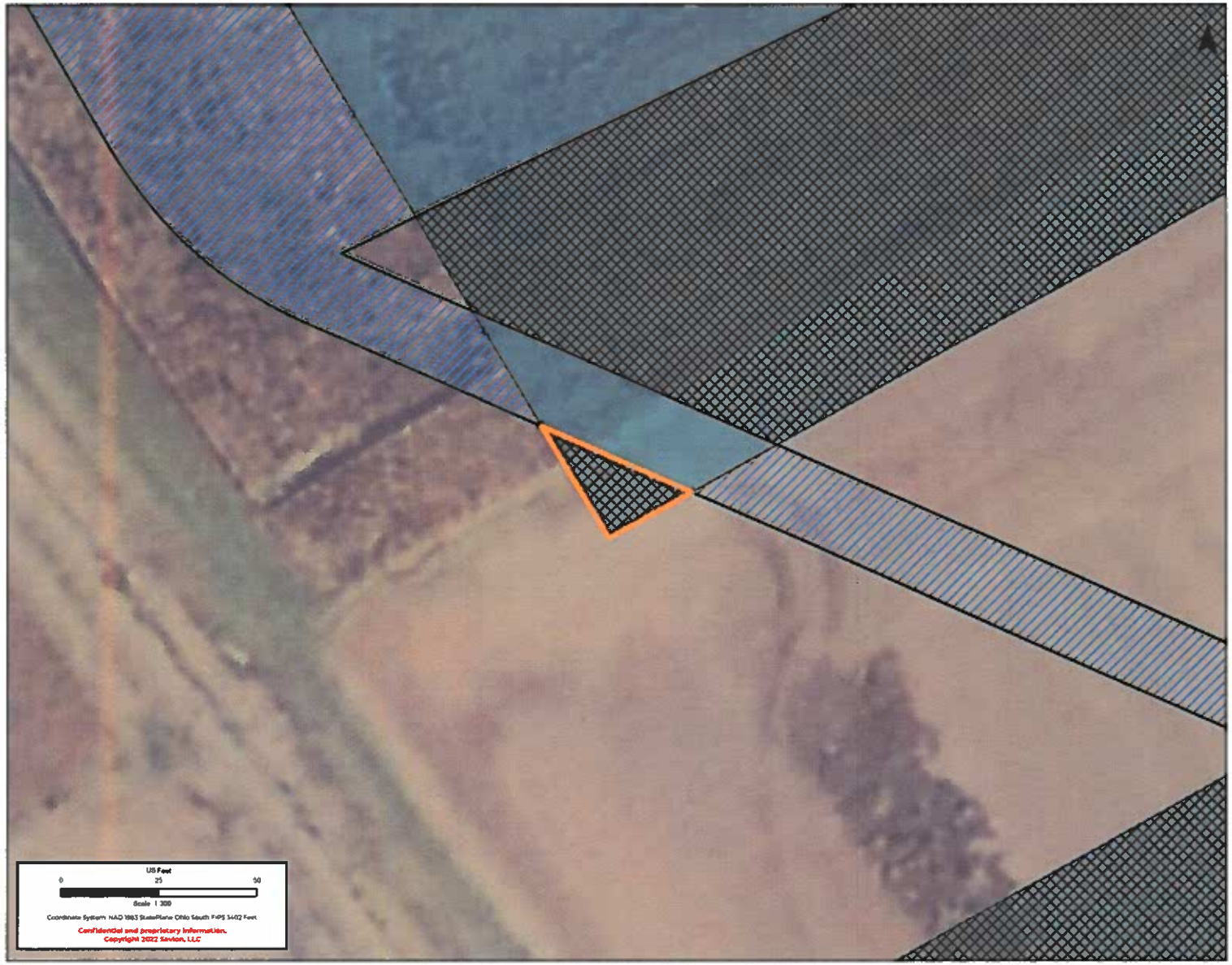
PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 9/27/2022	SCALE: 1 INCH : 50 FEET
NOTES: AREA: REMOVED (~2.02)	
SHEET: LAYOUT COMPARISON	

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

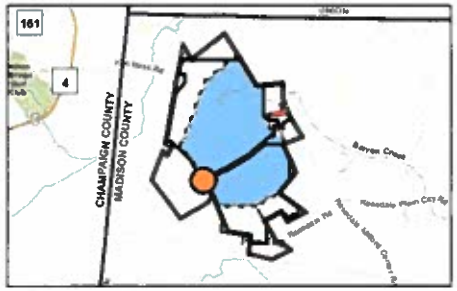
SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



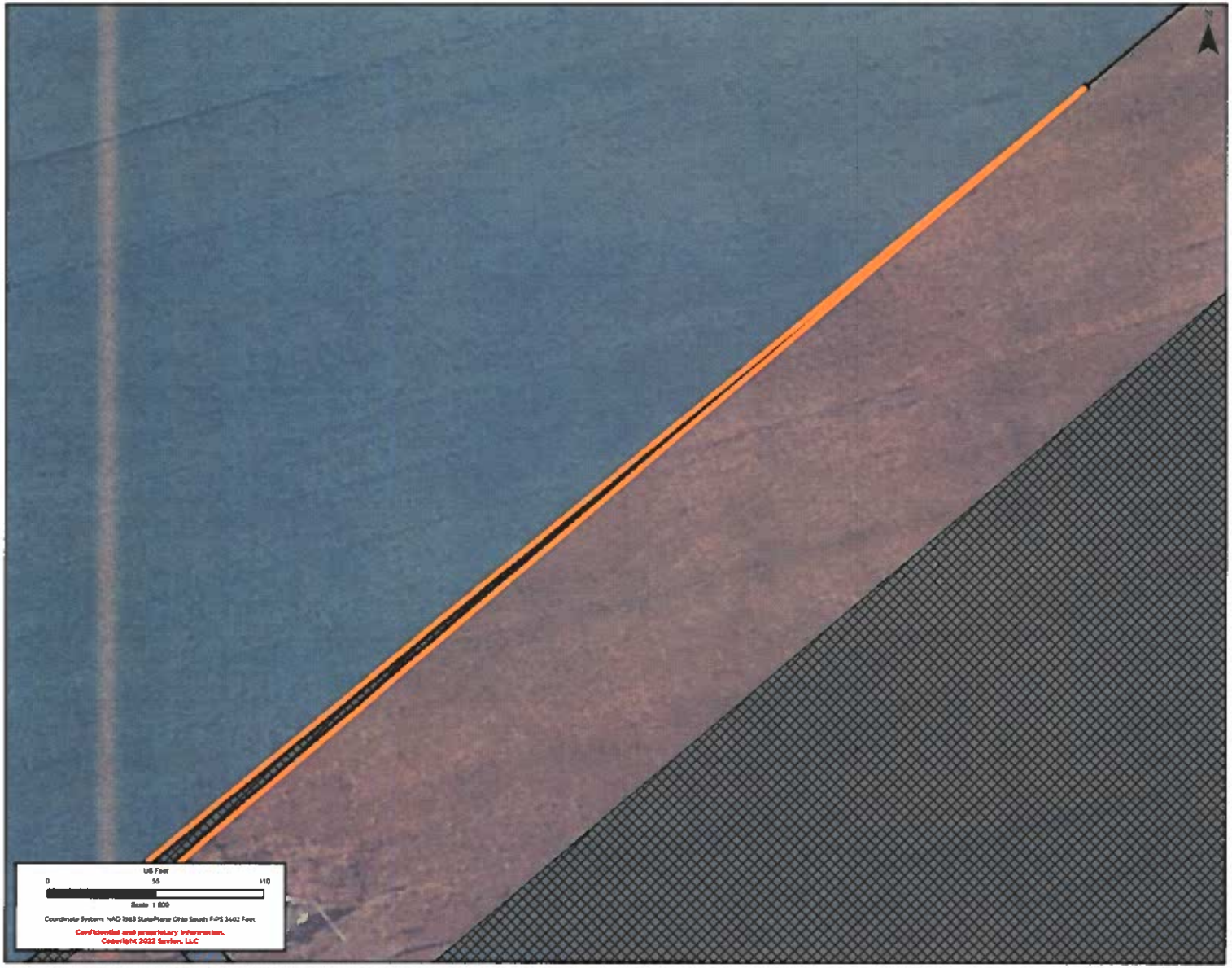
PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 25 FEET
NOTES AREA: REMOVED (~0.01)	
SHEET LAYOUT COMPARISON	

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, Verifyx, Inc., An ABB Company. Imagery © 2022 Nexagen and data partners.

MADISON FIELDS SOLAR PROJECT

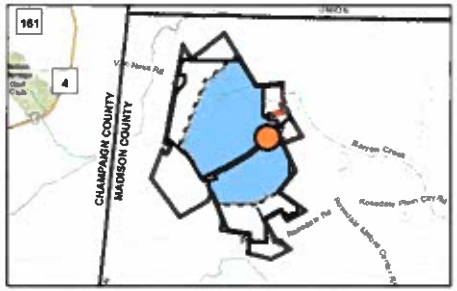
SAVION
A RENEWABLE ENERGY COMPANY



- Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 50 FEET
NOTES AREA: REMOVED (~0.08)	
SHEET LAYOUT COMPARISON	

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 Nexrgen and data partners.

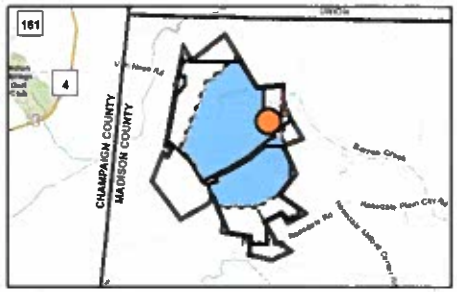
MADISON FIELDS SOLAR PROJECT

SAVION
A RENEWABLE ENERGY COMPANY

Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 25 FEET
NOTES AREA: REMOVED (~0.33)	
SHEET LAYOUT COMPARISON	

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.

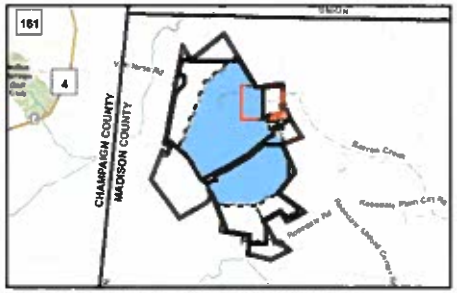
MADISON FIELDS SOLAR PROJECT

SAVION
A RENEWABLE ENERGY COMPANY

Project Boundary

Limits of Disturbance

- For Construction - Area
- OPSB - Project Area
- Increase in Project Footprint
- Decrease in Project Footprint



PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT: MADISON FIELDS	
DEVELOPER: SAVION, LLC	ENGINEER:
DATE: 9/27/2022	SCALE: 1 INCH : 225 FEET
NOTES: AREA: REMOVED (~0.95)	
SHEET: LAYOUT COMPARISON	

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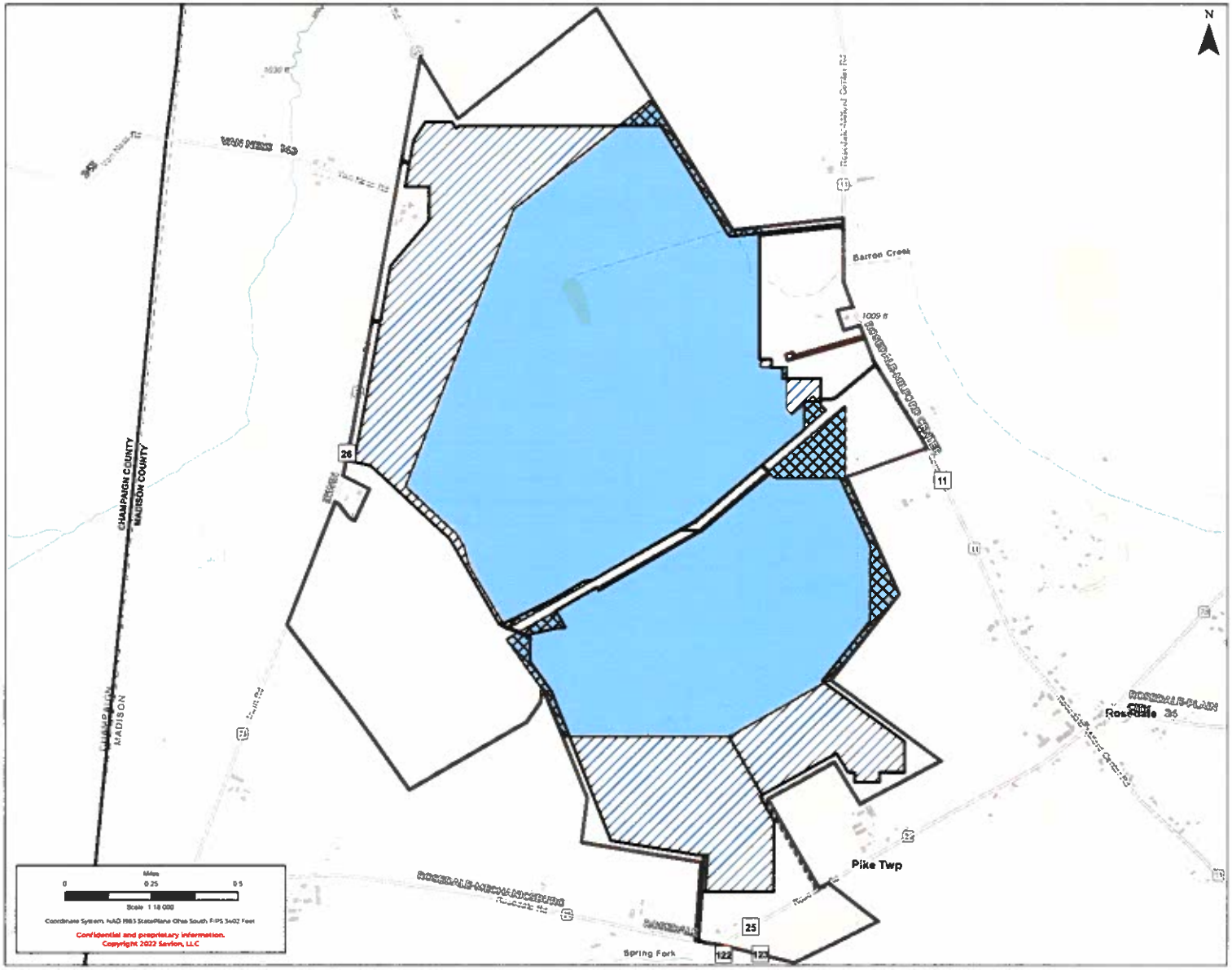
MADISON FIELDS SOLAR PROJECT

SAVION
A RENEWABLE ENERGY COMPANY



Project Boundary

Limits of Disturbance

- Project Area - For Construction
- Project Area - OPSB
- Increase in Project Footprint (~370 Ac Total, ~315 Ac Net)
- Decrease in Project Footprint (~55 Ac Total)

PRELIMINARY DESIGN – NOT FOR CONSTRUCTION

PROJECT MADISON FIELDS	
DEVELOPER SAVION, LLC	ENGINEER
DATE 9/27/2022	SCALE 1 INCH : 1,500 FEET
NOTES	

SHEET
LAYOUT COMPARISON

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

Madison Fields Solar Project, LLC
Case No. 19-1881-EL-BGN
Case No. 21-508-EL-BGA

Attachment 2
Madison Fields Solar Project
Engineering Drawings

4. Tree Clearing Plan

DICKINSON WRIGHT PLLC

DEMOLITION / CLEAR & GRUB GENERAL NOTES

1. SITE CLEARING OF TREES WITH 3" OR GREATER CALIPER SHALL ONLY BE PERFORMED BETWEEN THE DATES OF OCTOBER 1 - MARCH 31.

2. NO CLEARING OR MOWING SHALL BE PERMITTED OUTSIDE OF THE PROJECT BOUNDARIES. PRIOR TO ANY CLEARING ACTIVITIES, ALL TREE CLEARING SHALL BE APPROVED BY ONSITE ENVIRONMENTAL SPECIALIST.

3. SITE PREPARATION:

   3.1. THE CONTRACTOR SHALL BE REQUIRED TO CLEAR AND GRUB AREAS DESIGNATED ON THE PLANS REMOVING ALL TREES, STUMPS, BRUSH AND DEBRIS. TREES AND BRUSH LOCATED OUTSIDE OF THE PROJECT BOUNDARY SHALL NOT BE DISTURBED.

   3.2. AREAS TO BE MOWED SHALL HAVE EXISTING VEGETATION MOWED TO A MAXIMUM HEIGHT OF 3 INCHES. AREAS SHALL BE MOWED ONCE PRIOR TO BEGINNING OF CONSTRUCTION. TIMING TO BE COORDINATED WITH PROJECT ENGINEER.

   3.3. THE CONTRACTOR SHALL PRESERVE OTHER EXISTING VEGETATION TO THE MAXIMUM EXTENT PRACTICABLE. THE CONTRACTOR IS TO RETAIN VEGETATION DESIGNATED BY THE OWNERS REPRESENTATIVE AND SHALL EXERCISE EXTREME CARE AROUND EXISTING VEGETATION TO BE SAVED. CONSTRUCTION FENCING MAY BE INSTALLED TO PROTECT AREAS THAT ARE NOT TO BE DISTURBED.

4. NO BURNING OF DEBRIS IS ALLOWED. ALL ORGANIC MATERIAL DEBRIS SHALL BE CHIPPED.

5. EXISTING FENCE WITHIN THE PROJECT BOUNDARY SHALL BE REMOVED AND DISPOSED OF OFF-SITE IN ACCORDANCE WITH LOCAL REGULATIONS.

6. EXISTING FIELD ROADS CAN REMAIN THROUGHOUT CONSTRUCTION. AT THE END OF CONSTRUCTION THEY ARE TO BE SCARIFIED AND SEEDED.

7. CLEARING AND GRUBBING OPERATIONS AND DISPOSAL OF ALL DEBRIS THEREFROM SHALL BE IN STRICT ACCORDANCE WITH LOCAL CODES AND ORDINANCES.

8. KIEWIT SURVEY CREW WILL WORK WITH SUBCONTRACTOR TO LOCATE THE DELINEATED WETLANDS PRIOR TO MOBILIZATION.

9. KIEWIT SURVEY CREW WILL WORK WITH MOWING SUBCONTRACTOR TO ESTABLISH THE LIMITS OF MOWING BY STAKING.

10. DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL REQUIREMENTS. SUBCONTRACTOR IS RESPONSIBLE WITH REMOVAL OF DEBRIS FROM PROJECT SITE AND DISPOSAL IN CONFORMANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

TREE CLEARING LEGEND

- HWY 86 — EXISTING ROADWAY
- EXISTING FENCE
- APPROXIMATE PROJECT BOUNDARY
- DELINEATED WETLAND
- AREA TO BE MOWED
- AREA OF TREE REMOVAL
- INDIVIDUAL TREE REMOVAL

- PRELIMINARY -
NOT FOR CONSTRUCTION

CIVIL ENGINEER: JOHN TUCKER PE.88074

STRUCTURAL ENGINEER: KORY RANKIN PE.86071

PROJECT COORDINATE SYSTEM

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

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

N

REV	DESIGN BY	CHECKED BY	DATE
A	ISSUED FOR OPSB STAFF REVIEW		
	P. GREEN	J. TUCKER	09-27-22

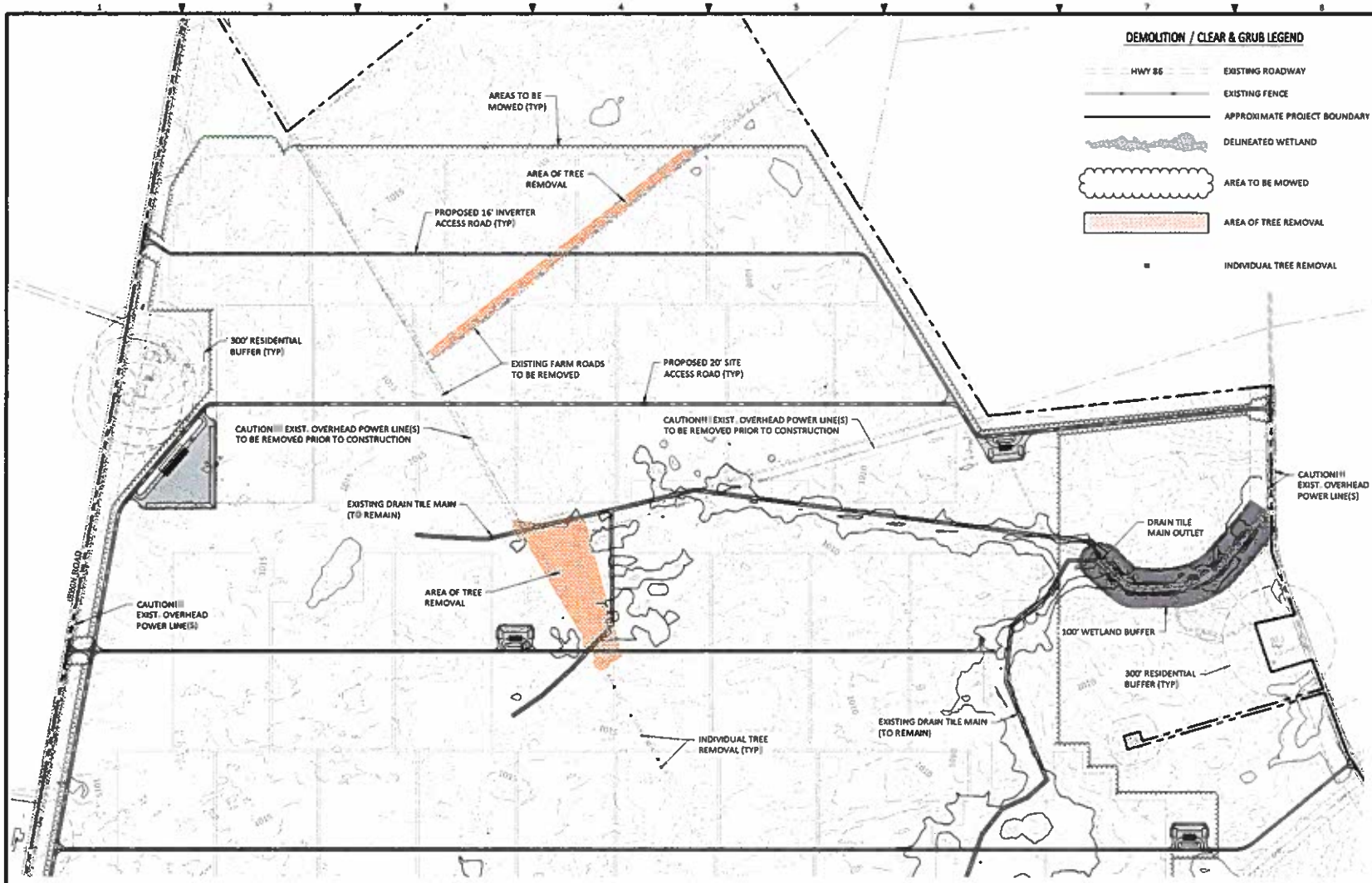
MADISON FIELDS SOLAR PROJECT

Klewit

SAVION

TREE CLEARING PLAN

ENGINEER/DESIGN ORDINATOR	P. GREEN	DRAWING NUMBER
LEAD ENG	J. TUCKER	SEC-20036802-CM-201
ENG MGR	T. BEST	
PROJ MGR	T. BEST	


AREAS TO BE MOWED (TYP)
AREA OF TREE REMOVAL
PROPOSED 16' INVERTER ACCESS ROAD (TYP)
300' RESIDENTIAL BUFFER (TYP)
EXISTING FARM ROADS TO BE REMOVED
PROPOSED 20' SITE ACCESS ROAD (TYP)
CAUTION! EXIST. OVERHEAD POWER LINE(S) TO BE REMOVED PRIOR TO CONSTRUCTION
CAUTION! EXIST. OVERHEAD POWER LINE(S) TO BE REMOVED PRIOR TO CONSTRUCTION
CAUTION! EXIST. OVERHEAD POWER LINE(S)
EXISTING DRAIN TILE MAIN (TO REMAIN)
DRAIN TILE MAIN OUTLET
AREA OF TREE REMOVAL
CAUTION! EXIST. OVERHEAD POWER LINE(S)
100' WETLAND BUFFER
300' RESIDENTIAL BUFFER (TYP)
EXISTING DRAIN TILE MAIN (TO REMAIN)
INDIVIDUAL TREE REMOVAL (TYP)
DEMOLITION / CLEAR & GRUB LEGEND
HWY 86
EXISTING ROADWAY
EXISTING FENCE
APPROXIMATE PROJECT BOUNDARY
DELINEATED WETLAND
AREA TO BE MOWED
AREA OF TREE REMOVAL
INDIVIDUAL TREE REMOVAL
CM-202
KEY MAP
NTS
NOTES:
1. SEE DRAWING 20036602-CM-201 FOR KEY PLAN, REFERENCE NOTES AND LEGEND.
2. ACCESS TO CLEARING AREAS SHALL BE RESTRICTED TO FUTURE ACCESS ROAD LOCATIONS.
3. CONTRACTOR SHALL ONLY USE LOW GROUND PRESSURE EQUIPMENT FOR TREE REMOVAL, SITE CLEARING, AND MOWING ACTIVITIES.
- PRELIMINARY -
NOT FOR CONSTRUCTION
CIVIL ENGINEER: JOHN TUCKER PE.88074
STRUCTURAL ENGINEER: KORY RANKIN PE.86071
PROJECT COORDINATE SYSTEM
PROJECT COORDINATE SYSTEM IS NAD83 OHIO STATE PLANE, SOUTH ZONE, US FOOT.
SCALE IN FEET
SCALE: 1" = 300'
A ISSUED FOR OPSB STAFF REVIEW
P. GREEN J. TUCKER 09-27-22
REV # DESIGN BY CHECKED BY DATE
MADISON FIELDS SOLAR PROJECT
Klewit
SAVION
TREE CLEARING PLAN
ENGINEER/DESIGN ORIGINATOR P. GREEN
LEAD ENG J. TUCKER
ENG MGR T. BEST
PROJ MGR T. BEST
DRAWING NUMBER
SKC-20036602-CM-202

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

9/30/2022 11:53:20 AM

in

Case No(s). 19-1881-EL-BGN, 21-0508-EL-BGA

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