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

Application Part 2 of 8

Part 2 includes:

Figure 08-7 Cultural and Recreational
 Figure 08-8 Agricultural Lands

• Exhibit A Preliminary Site Plan

Date Filed: July 17, 2020

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todonnell@dickinsonwright.com

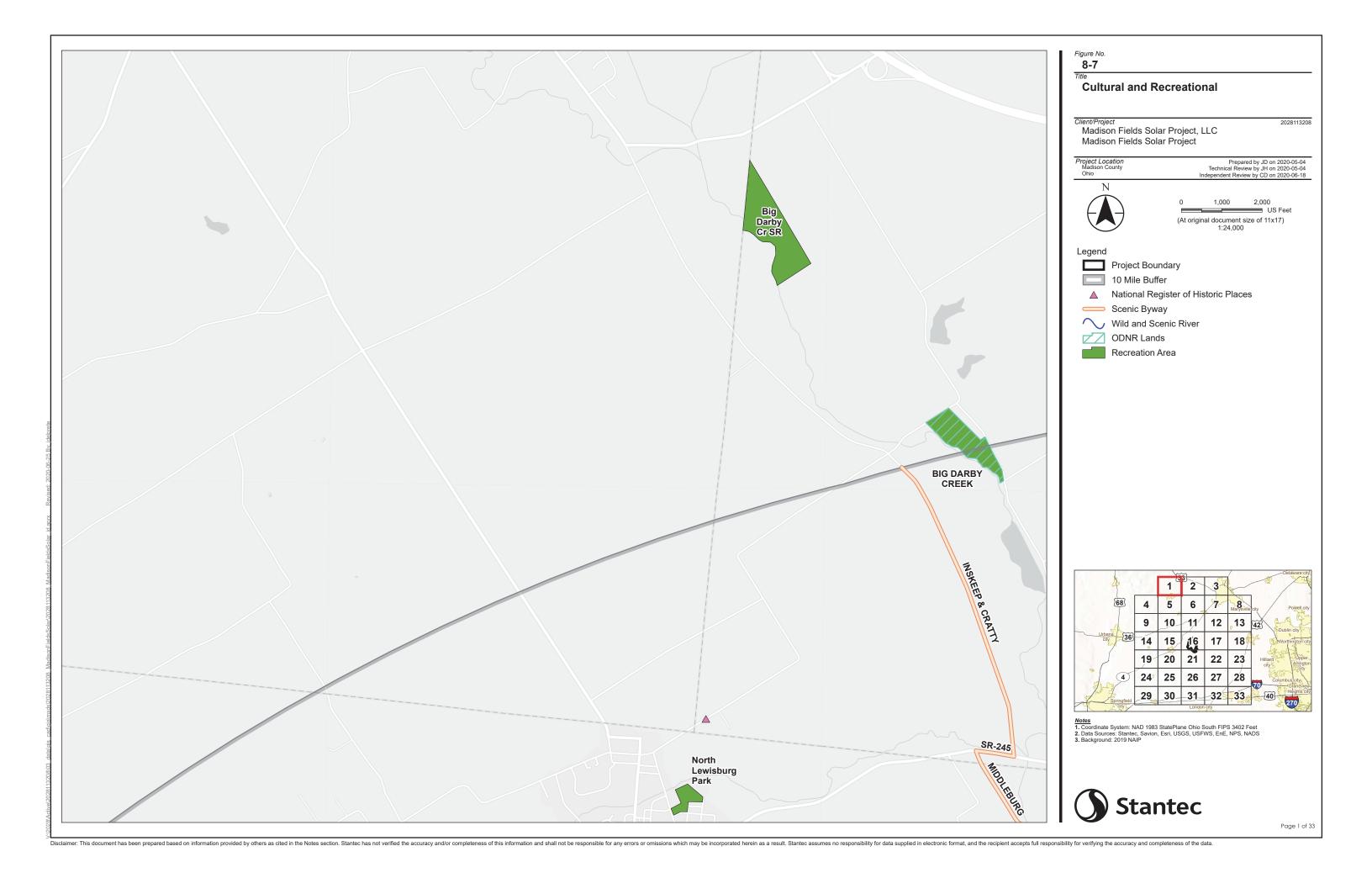
Figure 08-7 Cultural and Recreational

Respectfully submitted,

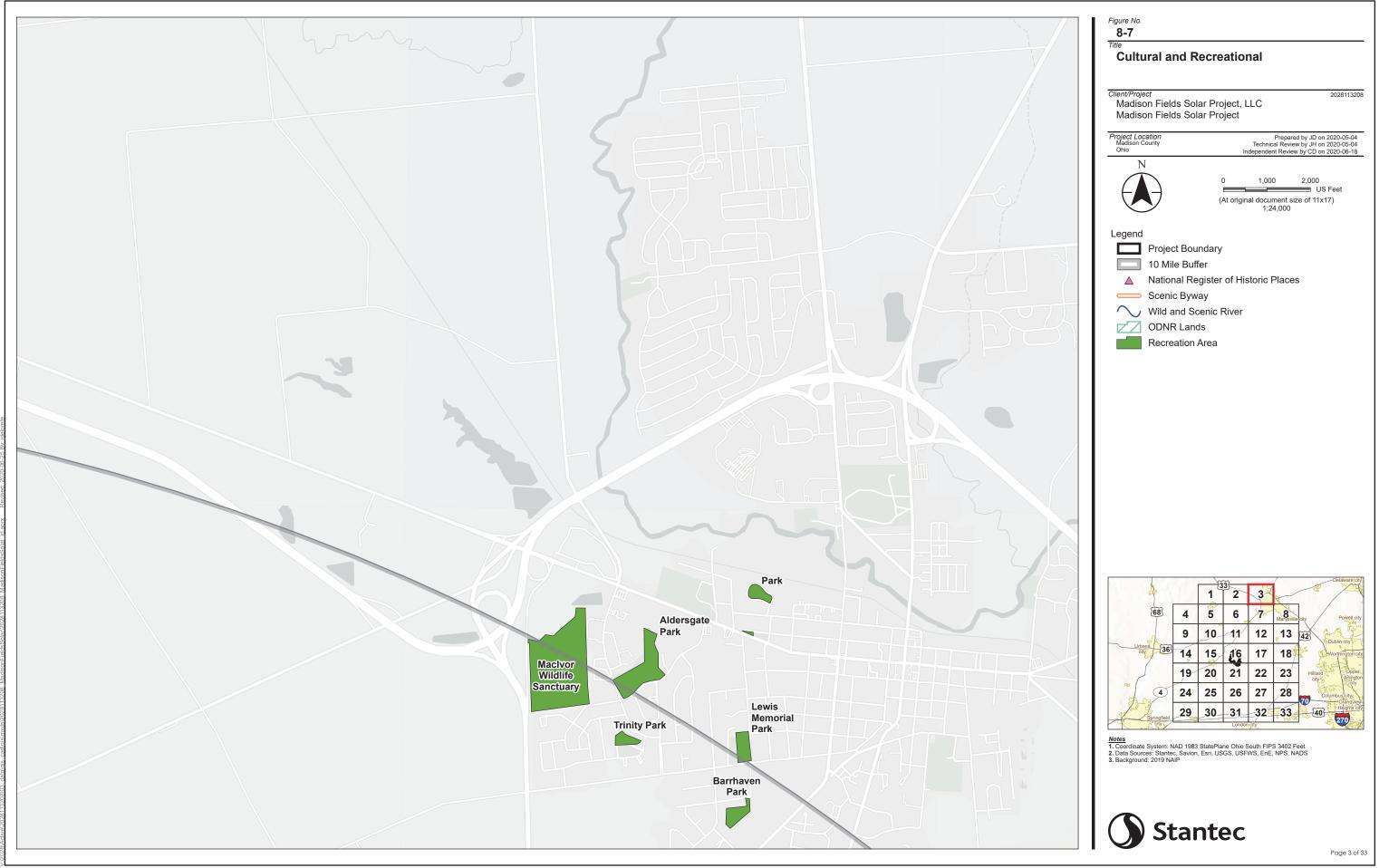
/s/ Christine M.T. Pirik

Christine M.T. Pirik (0029759) (Counsel of Record) William Vorys (0093479) Dickinson Wright PLLC 150 East Gay Street, Suite 2400 Columbus, Ohio 43215 (614) 591-5461 cpirik@dickinsonwright.com wvorys@dickinsonwright.com

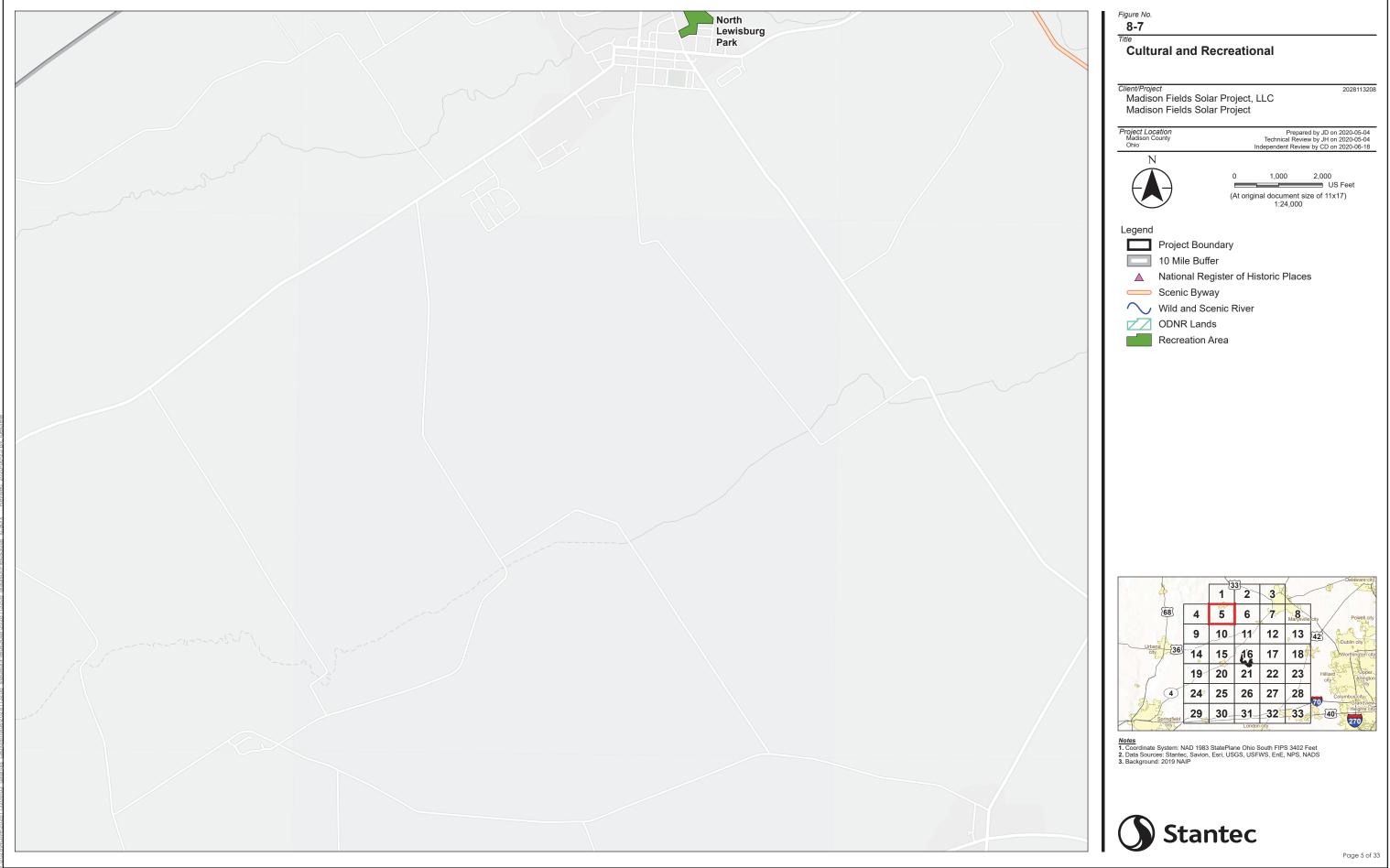
Attorneys for Madison Fields Solar Project, LLC

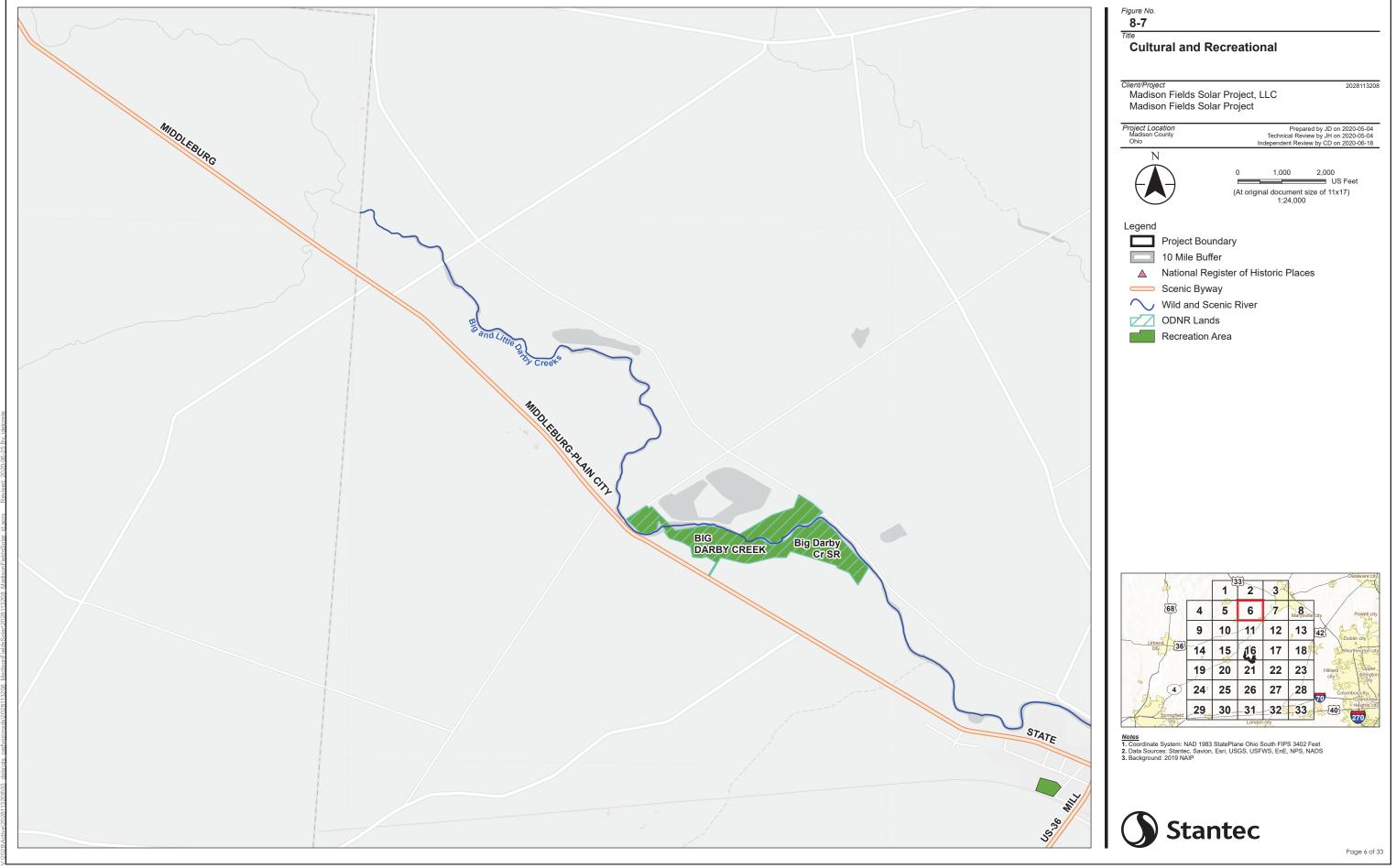


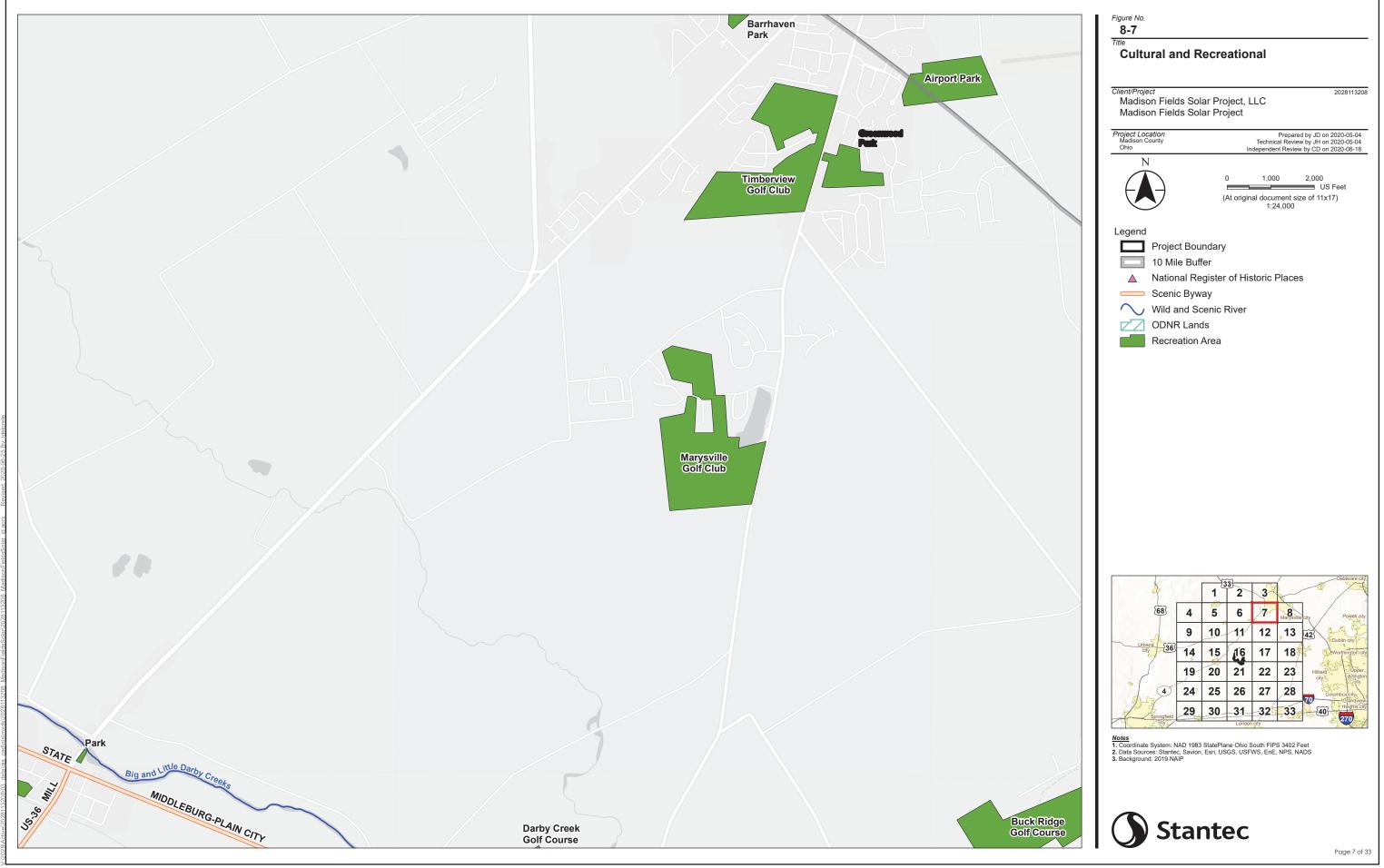


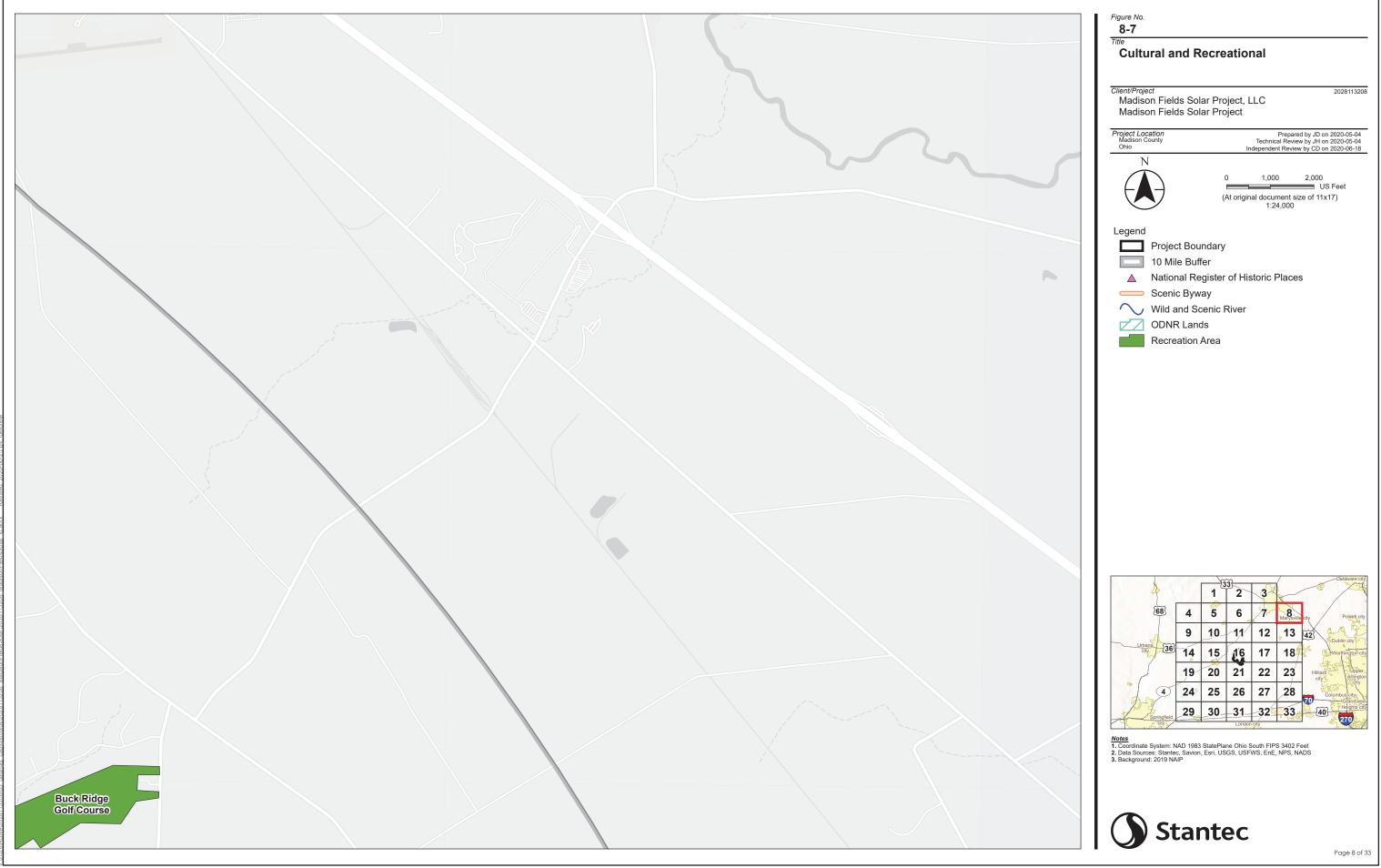










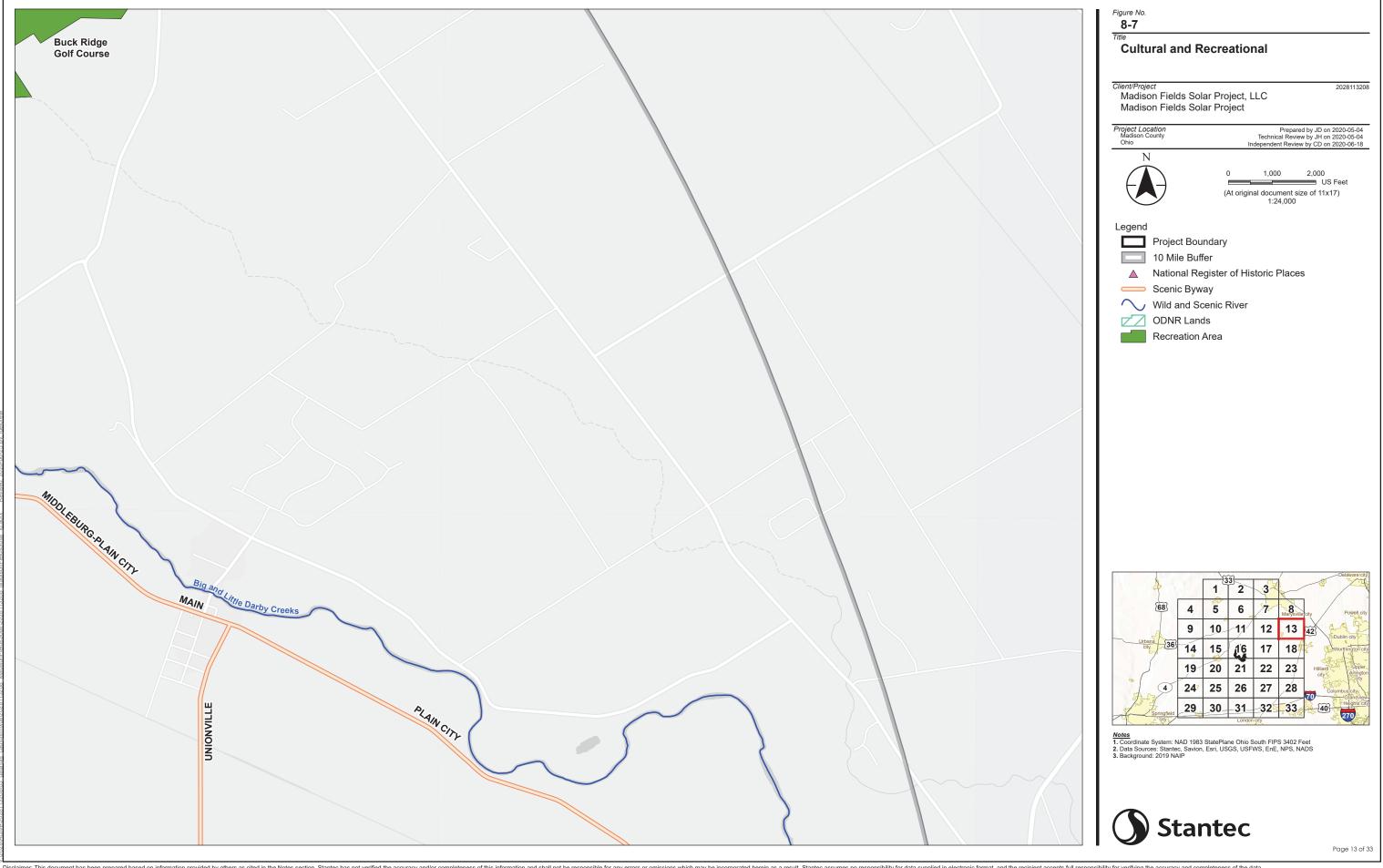




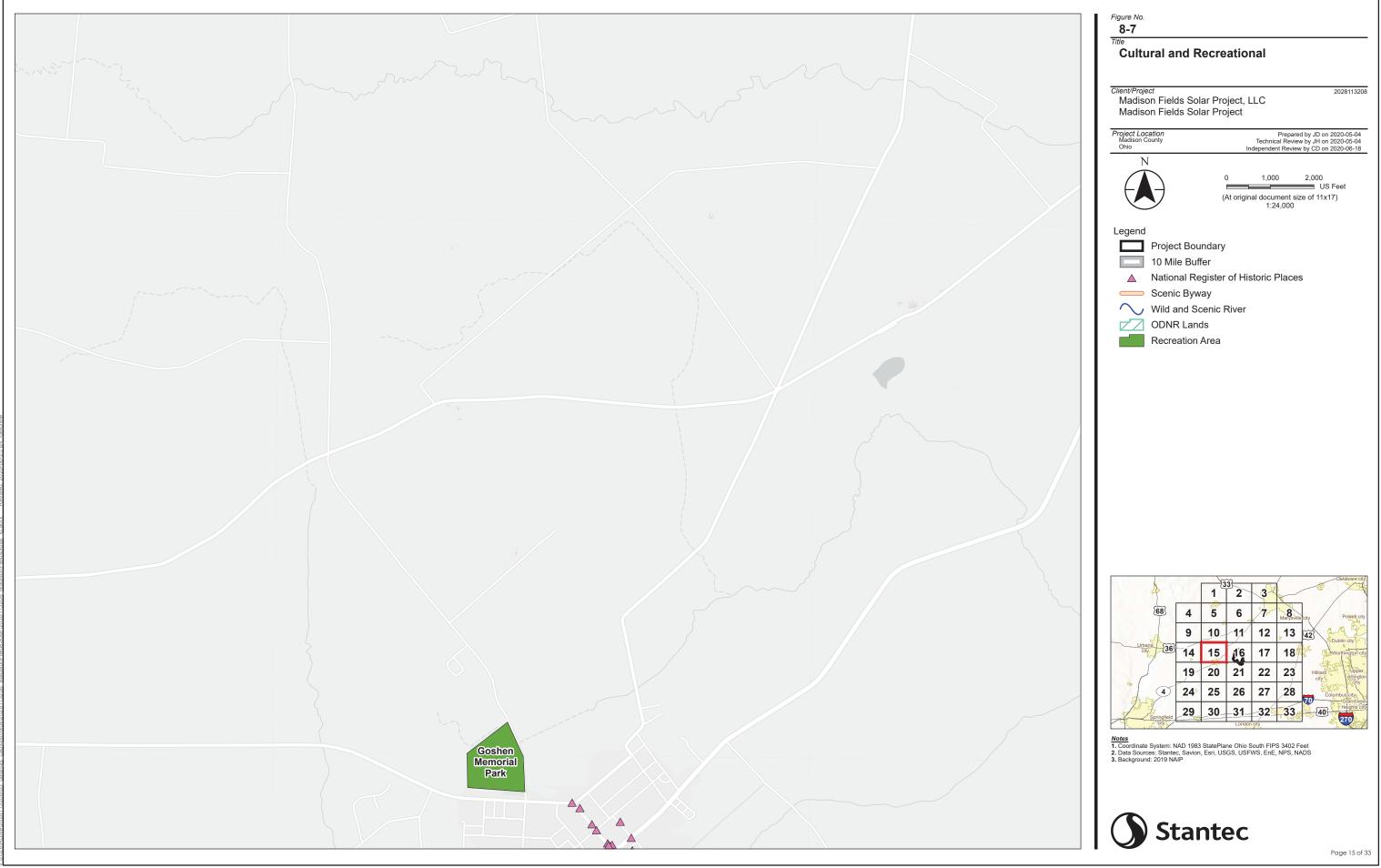


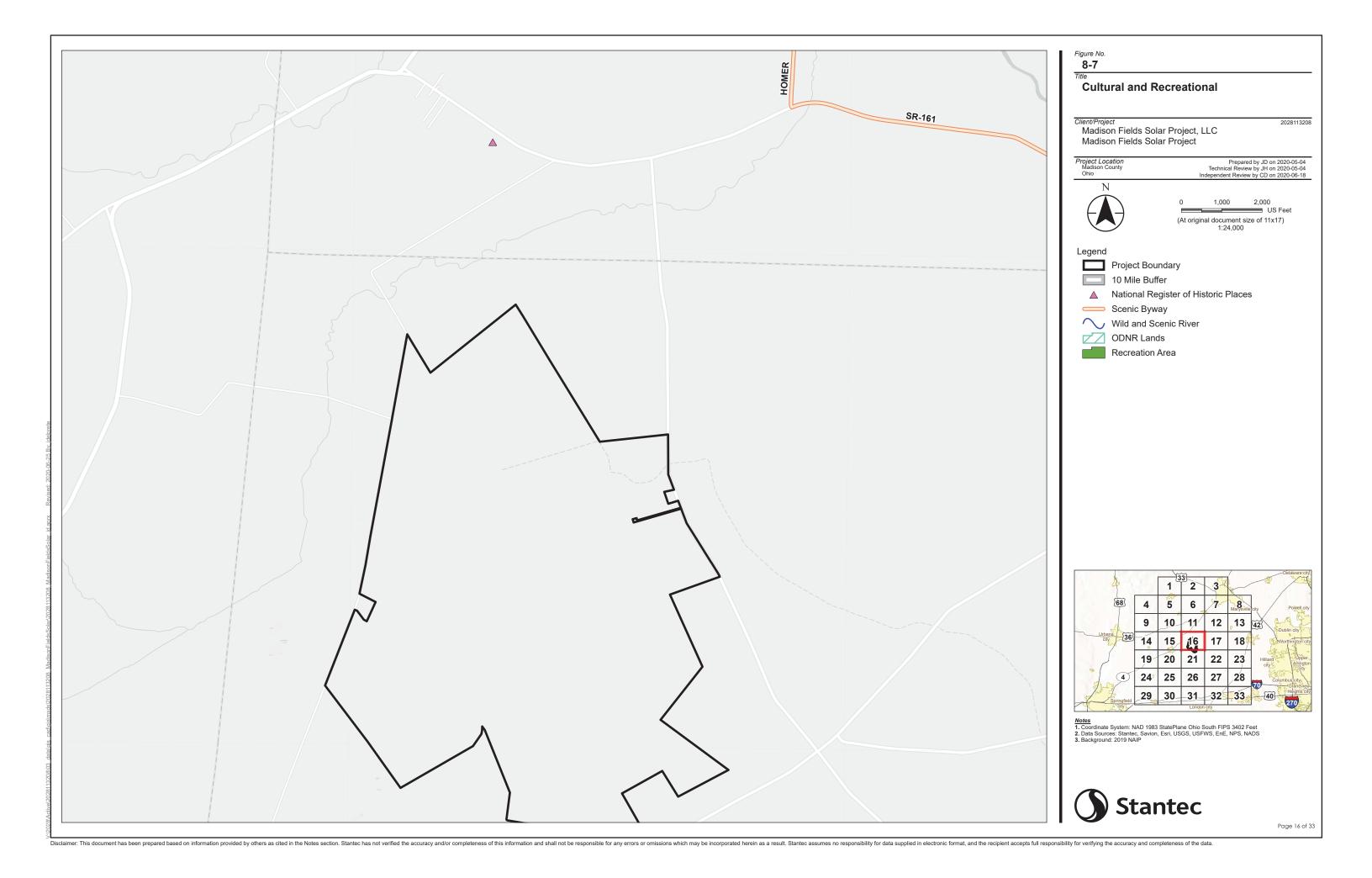


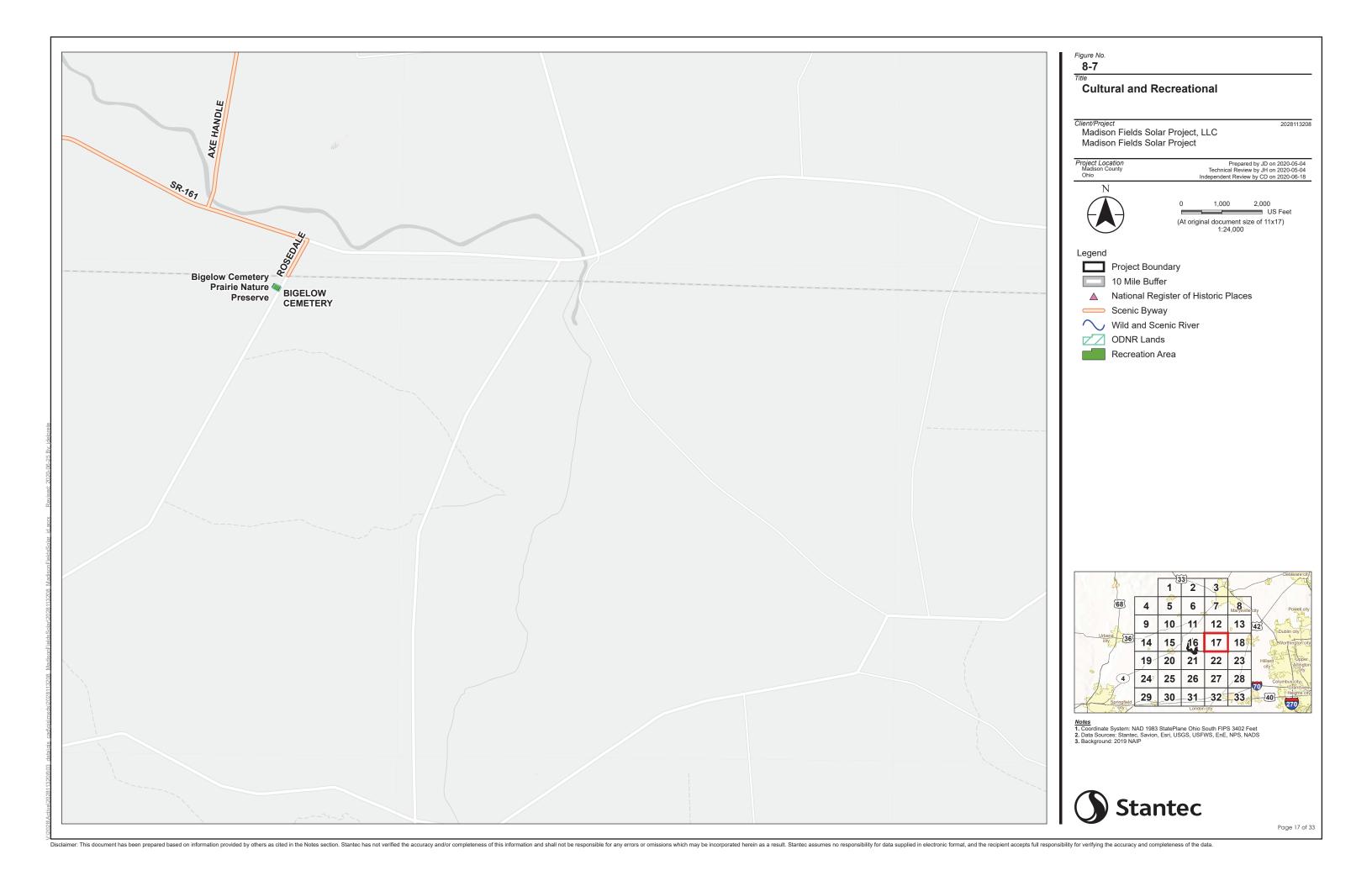


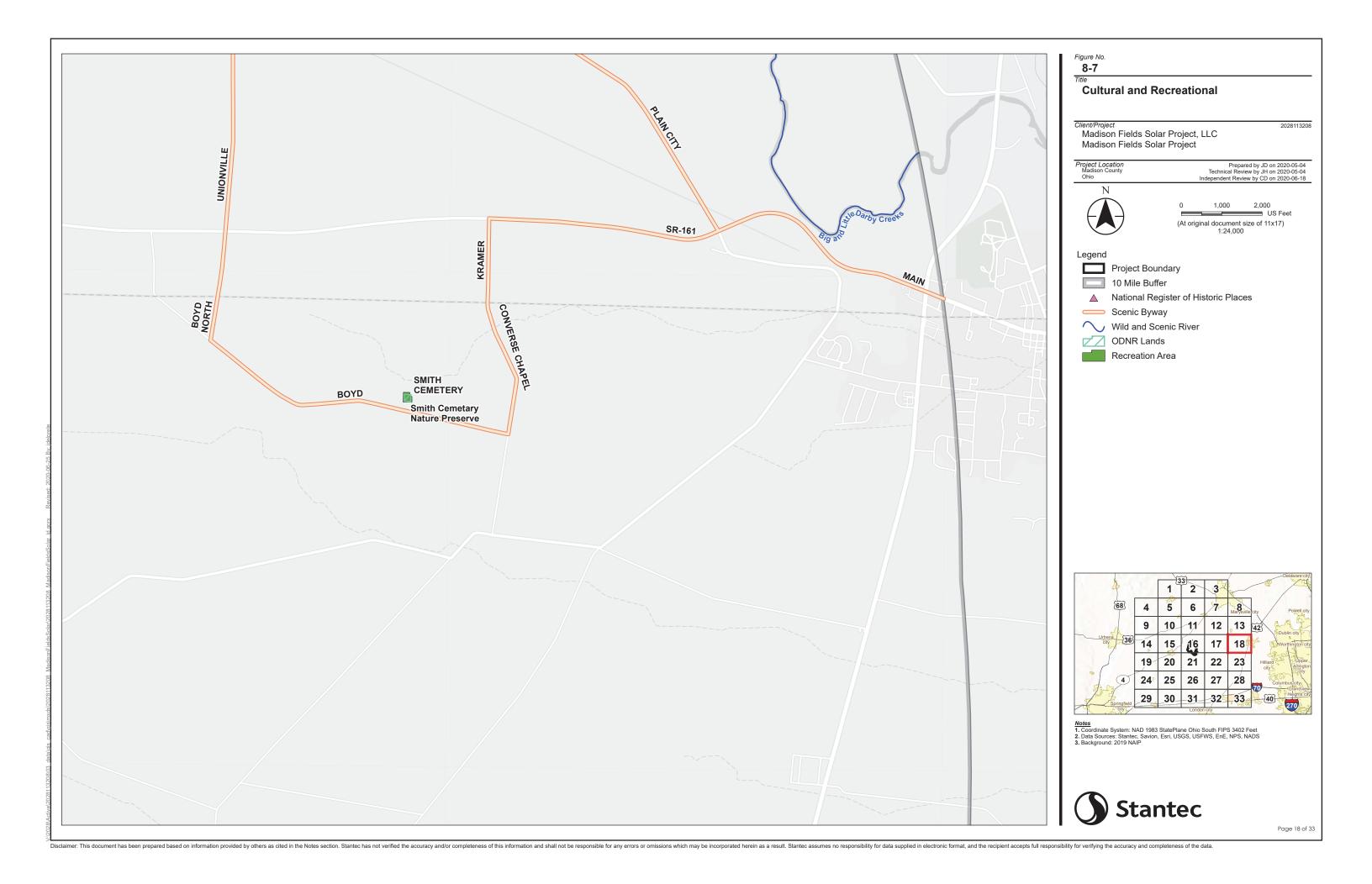


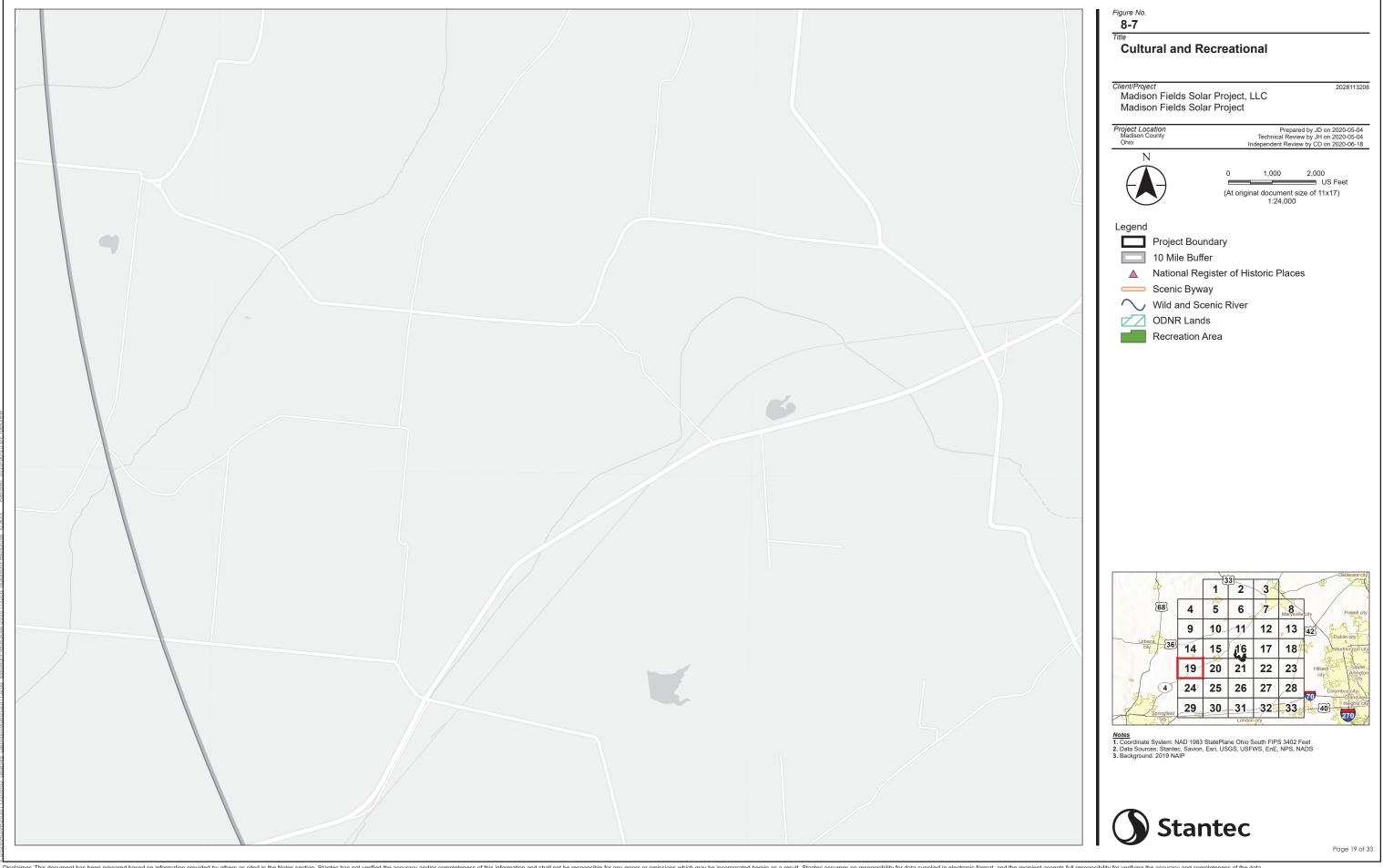


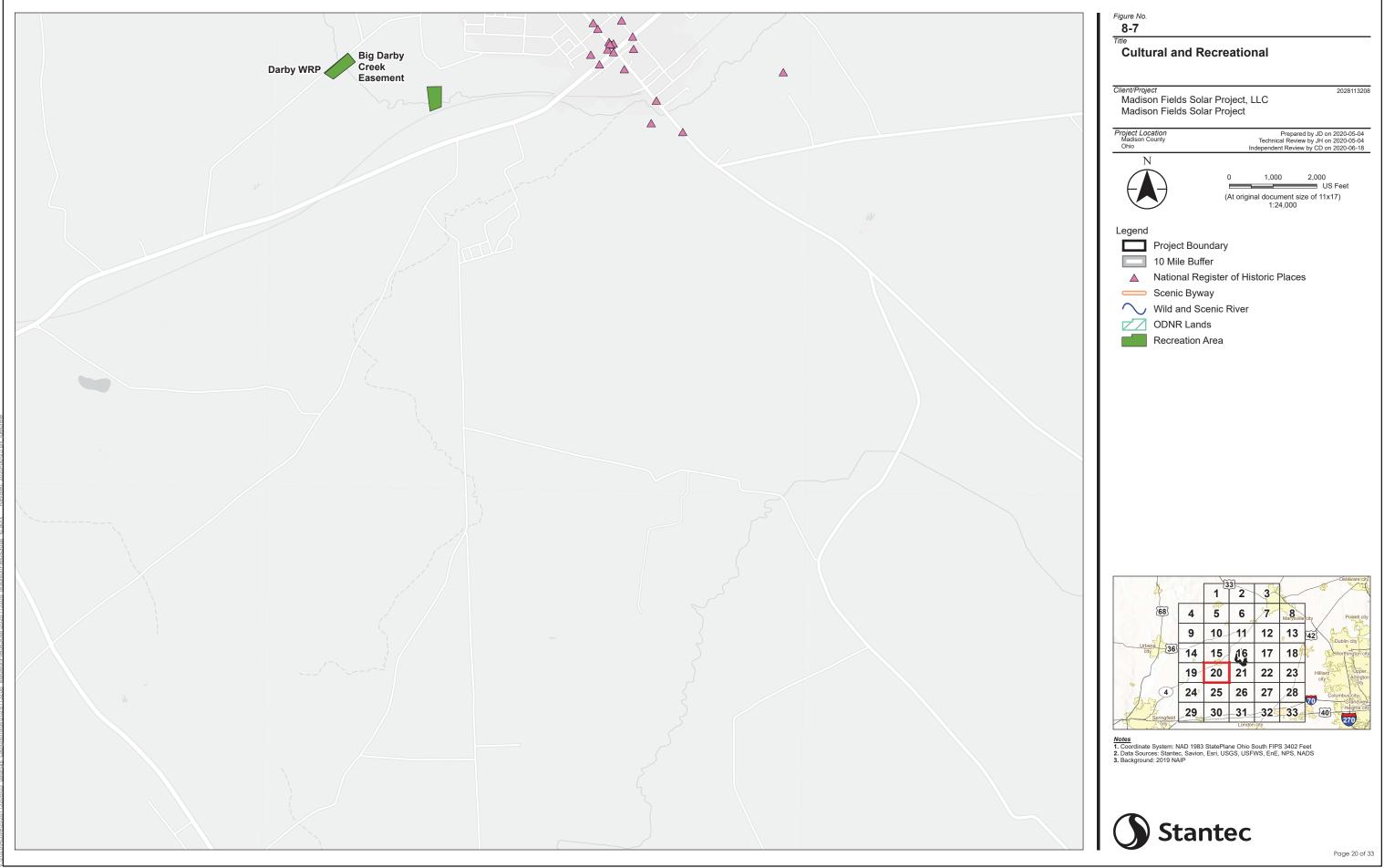


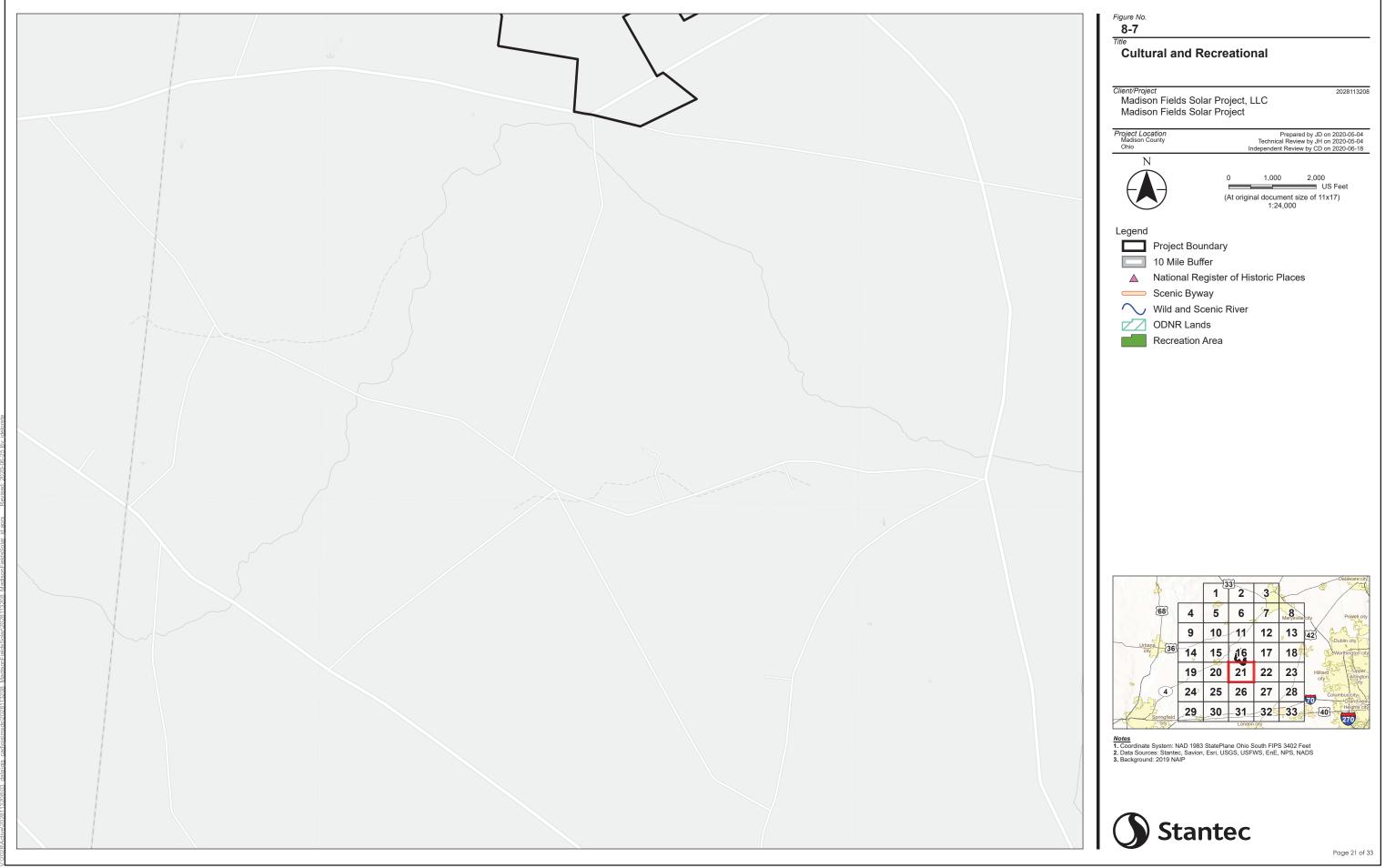


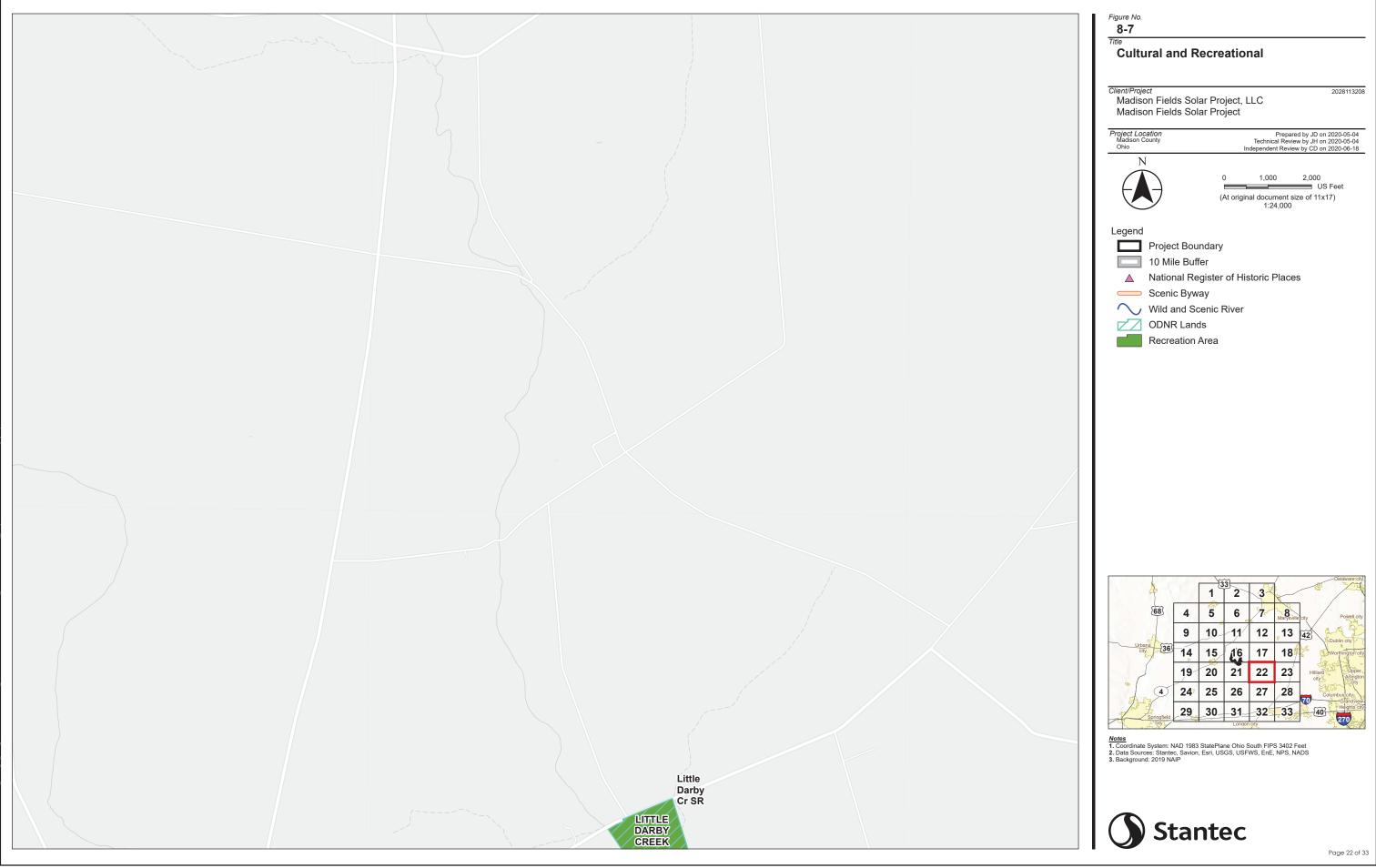




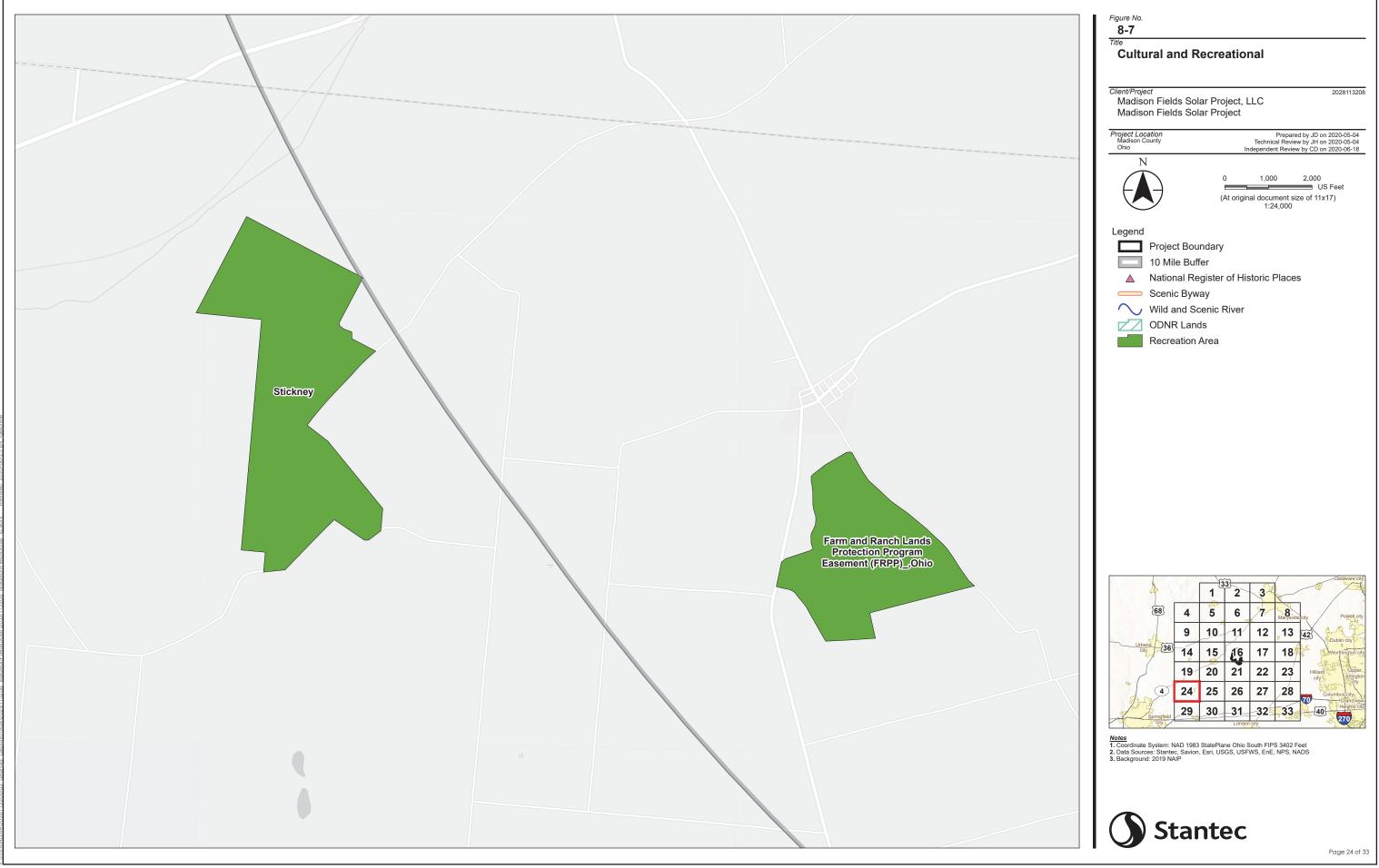






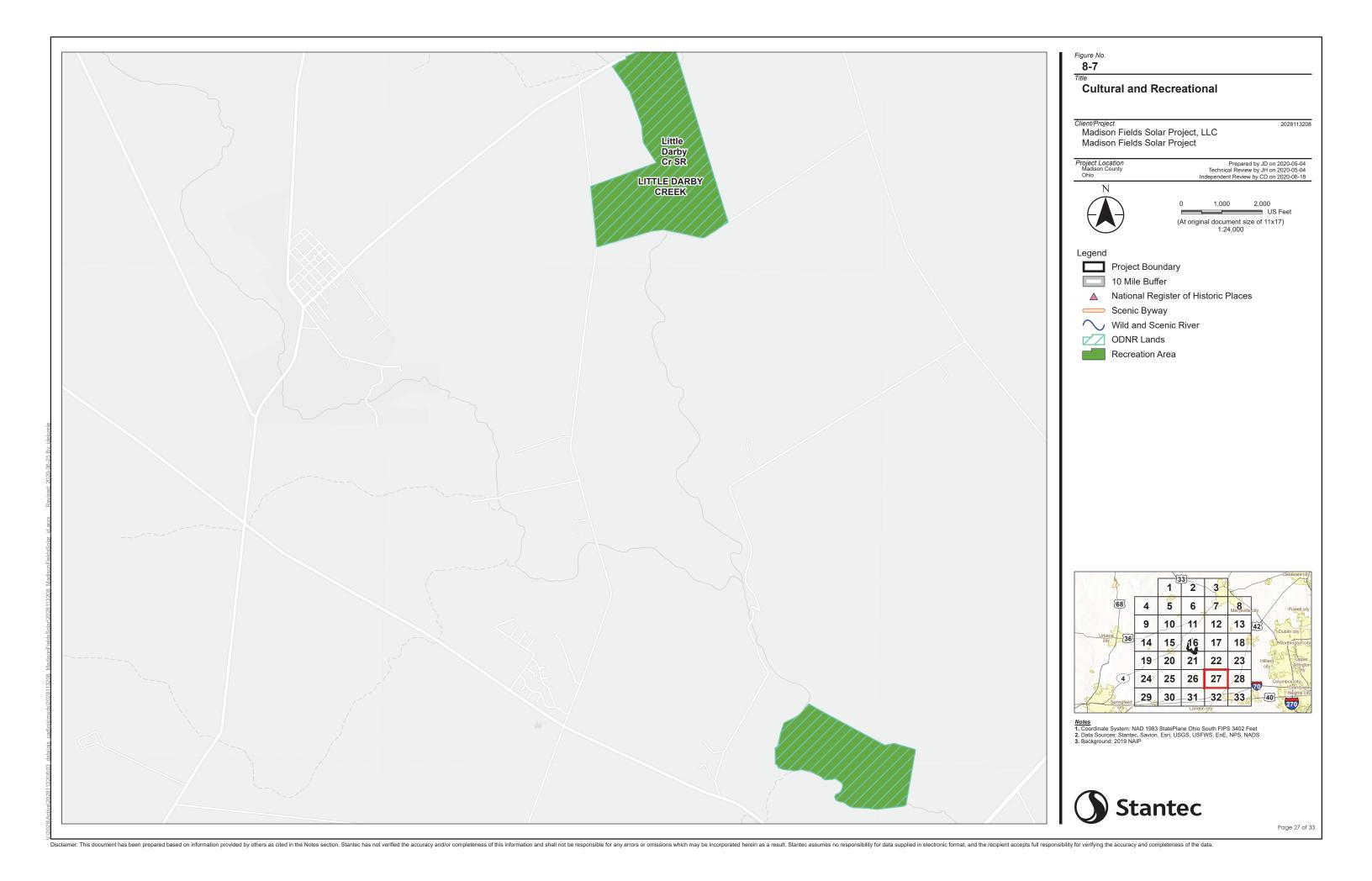










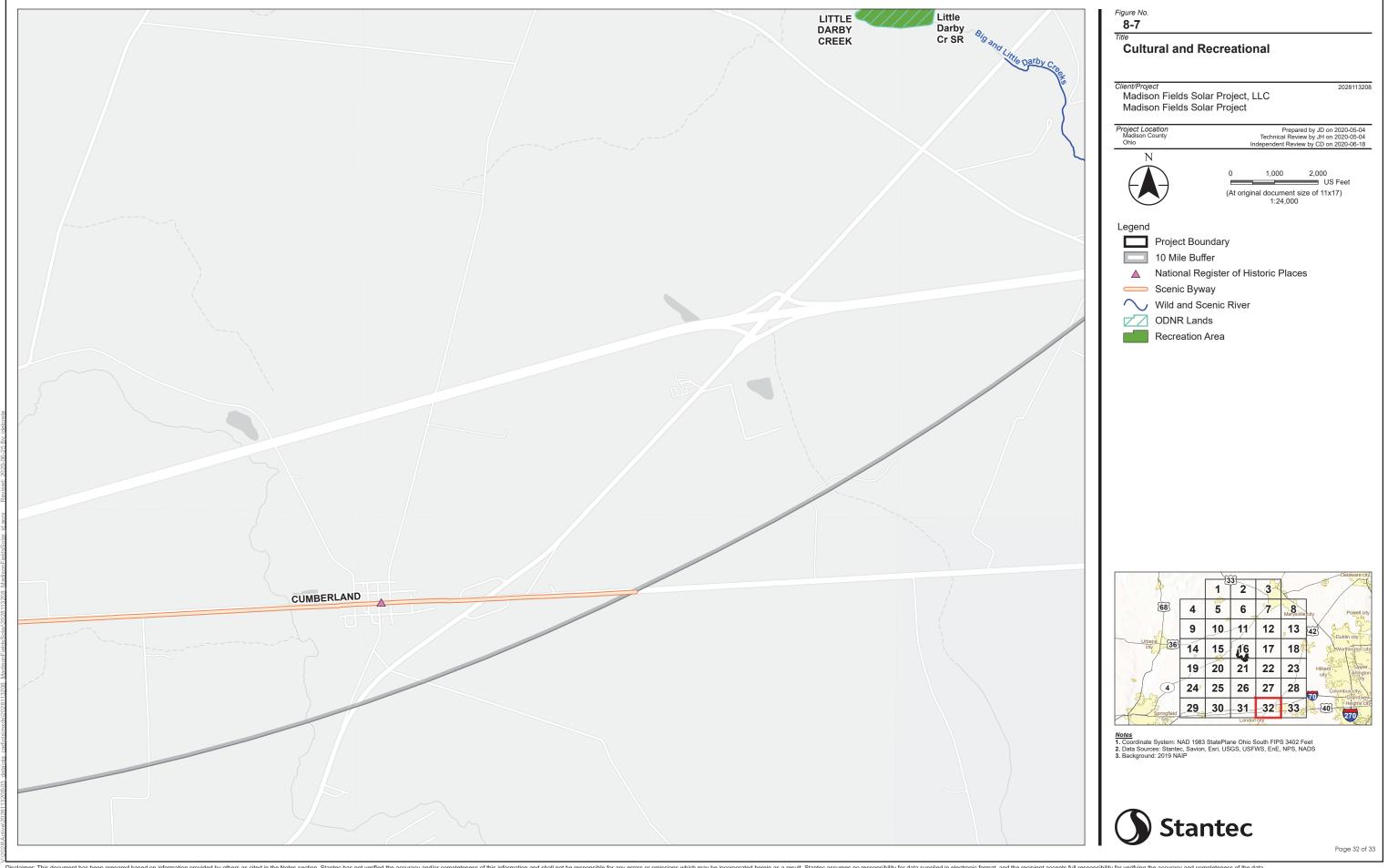












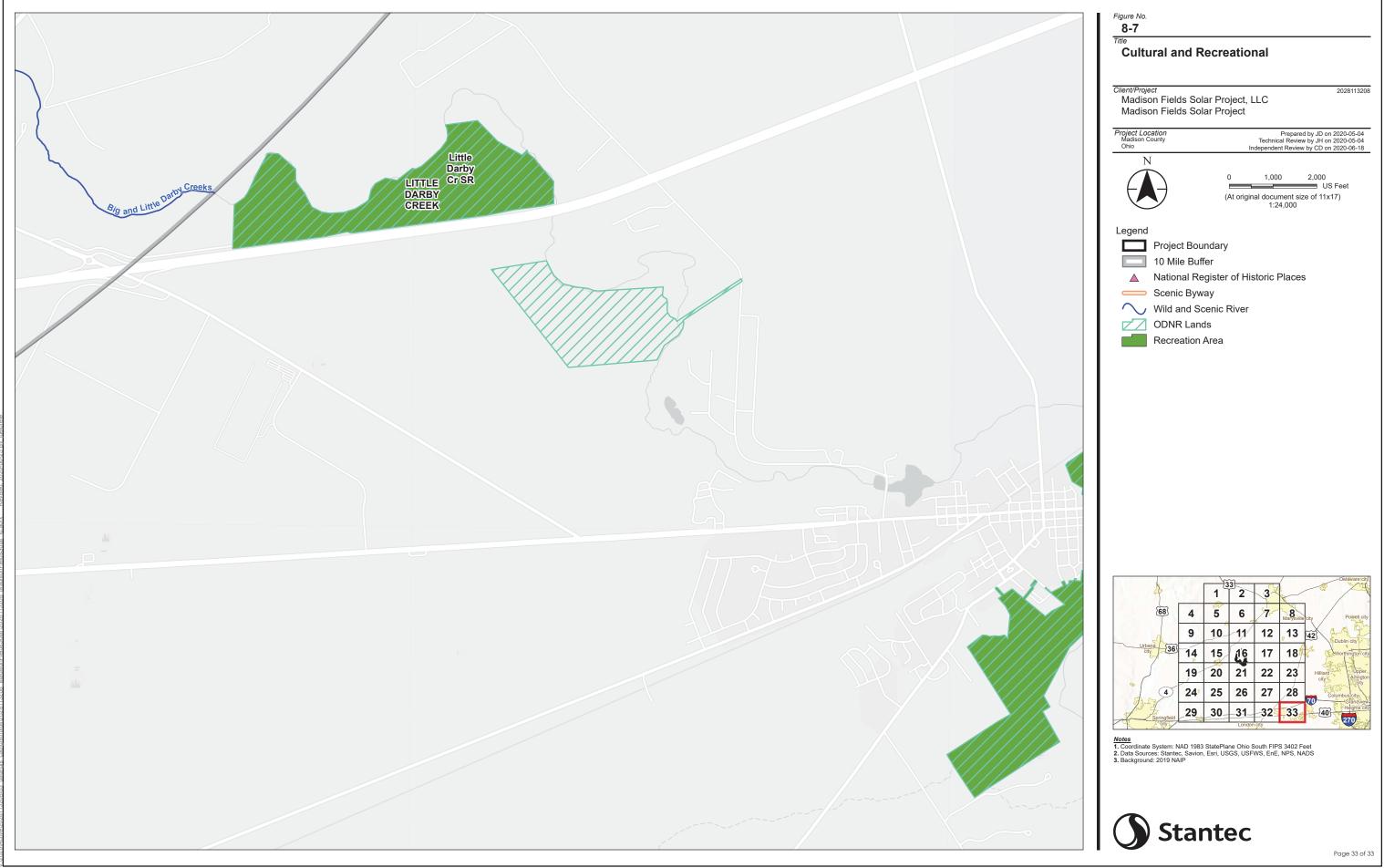


Figure 08-8 Agricultural Lands

Respectfully submitted,

/s/ *Christine M.T. Pirik*

Christine M.T. Pirik (0029759) (Counsel of Record)
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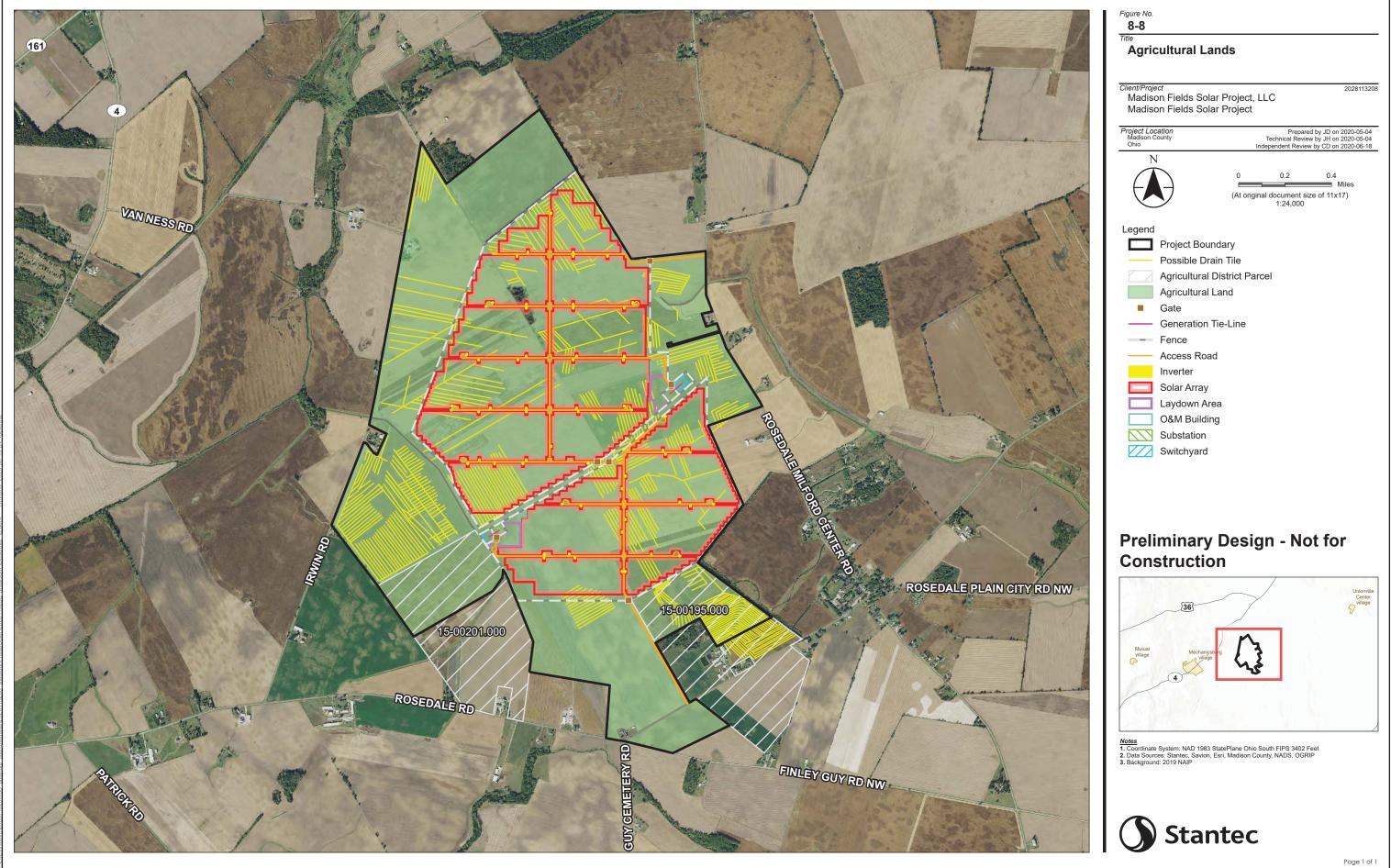


Exhibit A Preliminary Site Plan

Respectfully submitted,

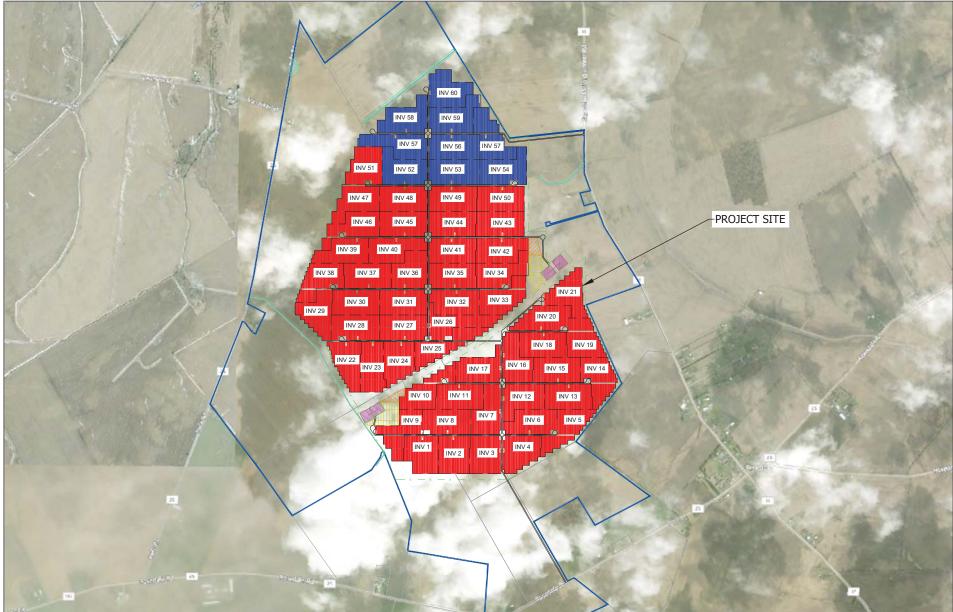
/s/ Christine M.T. Pirik

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Attorneys for Madison Fields Solar Project, LLC

180MW AC SOLAR FARM - PRELIMINARY SITE PLAN

MADISON FIELDS SOLAR PROJECT MADISON COUNTY, OHIO



SHEET INDEX		
Sheet Number	Sheet Title	
G0.01	COVER SHEET	
C0.01	PRELIMINARY SITE PLAN	
C0.02	PRELIMINARY SITE PLAN	
C0.03	PRELIMINARY SITE PLAN	
C0.04	PRELIMINARY SITE PLAN	
C0.05	PRELIMINARY SITE PLAN	
C1.01	DETAILS	
C1.02	DETAILS	

EQUIPMENT & QUANTITIES SUMMARY				
MW	234 MWDC / 180 MWAC			
LENGTH OF GEN. TIE	500 FT			
# OF SOLAR PANELS	91,224 385W MODULES & 479,808 425W MODULES			
# OF TRACKING SYSTEMS	7,089			
# OF STEEL PILES	85,000			
# OF INVERTERS	60			
# OF TRANSFORMERS	60			
LINEAL FEET OF ELECTRIC CABLING	DC CABLING 861,705 LF & AC CABLING 261,560 LF			
LINEAL FEET OF FENCING	39,851 LF			
LINEAL FEET OF INTERNAL ROADS	42,892 LF			
FACILITY LAYDOWN	5.66 ACRES			
FACILITY BUILDING	2.00 ACRES			
CONSTRUCTION LAYDOWN AREA (ONLY 1 TO BE USED, TBD)	5.66 OR 5.90 ACRES			
O&M FACILITY (ONLY 1 TO BE USED, TBD)	2.00 OR 1.59 ACRES			
SUBSTATIONS (PRIMARY AND ALTERNATE, ONLY ONE WILL BE USED, TBD)	2.86 ACRES EACH (COMPOSED OF A POI SWITCHYARD AND			
II	PROJECT SUBSTATION)			







PROJECT TEAM:

OWNER:

MADISON FIELDS SOLAR 422 ADMIRAL BOULEVARD KANSAS CITY, MO 64106

JAMES BALOUGH TEL. 913-568-7917 jbalough@savionenergy.com

SOLAR ENGINEER:

STANTEC CONSULTING SERVICES, INC. 1599 STATE ROUTE 34, SUITE 3 WALL TOWNSHIP, NJ

ROBERT MOLNER TEL. 732-749-5979 robert.molner@stantec.com

CIVIL ENGINEER:

STANTEC CONSULTING SERVICES, INC. 12075 CORPORATE PARKWAY, SUITE 200 MEQUON, WI

Contact: MATTHEW CLEMENTI, PE TEL. 262-617-9113 matthew.clementi@stantec.com

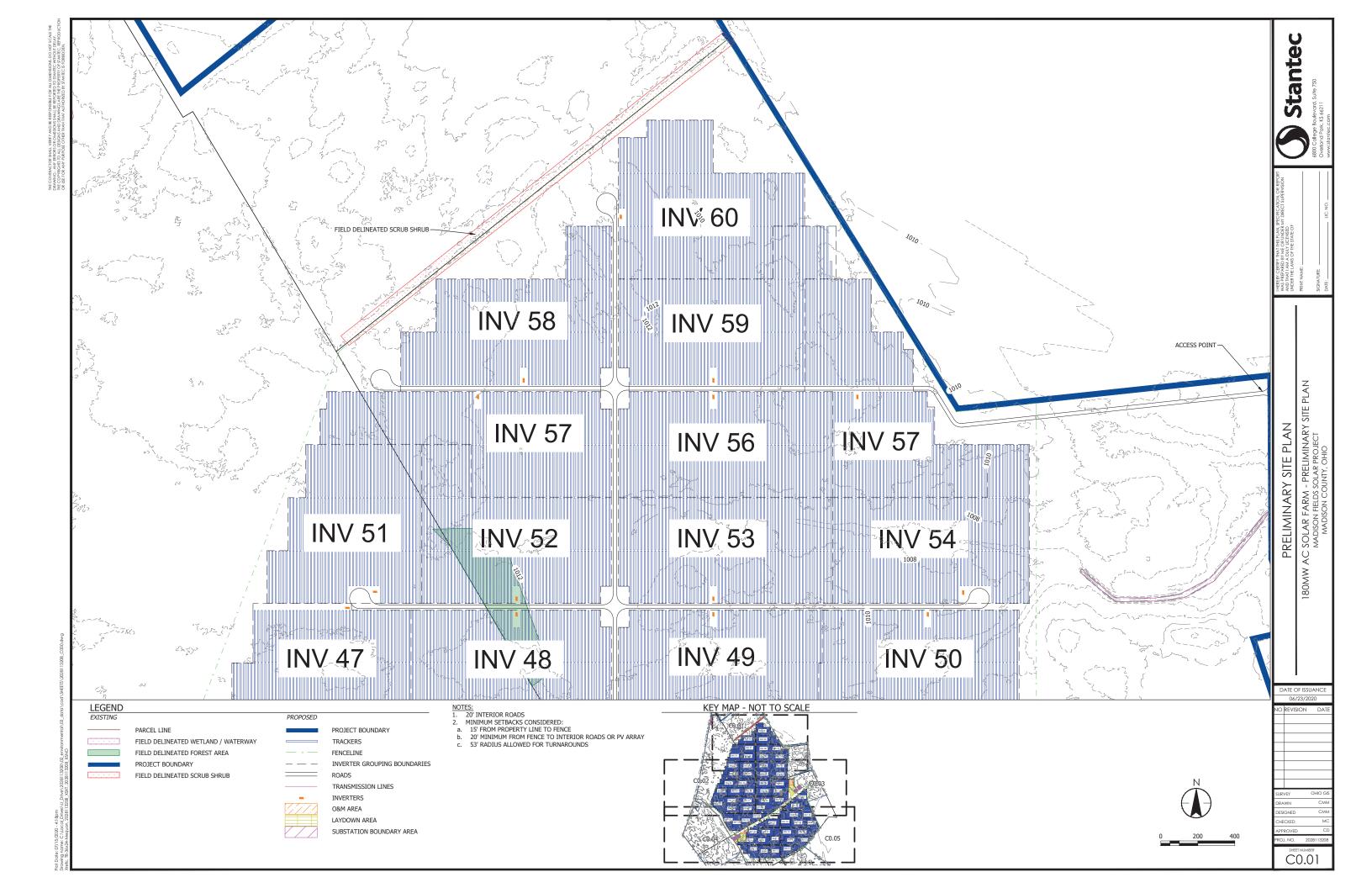
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06/23/2020			
NO	REVISION	DATE	

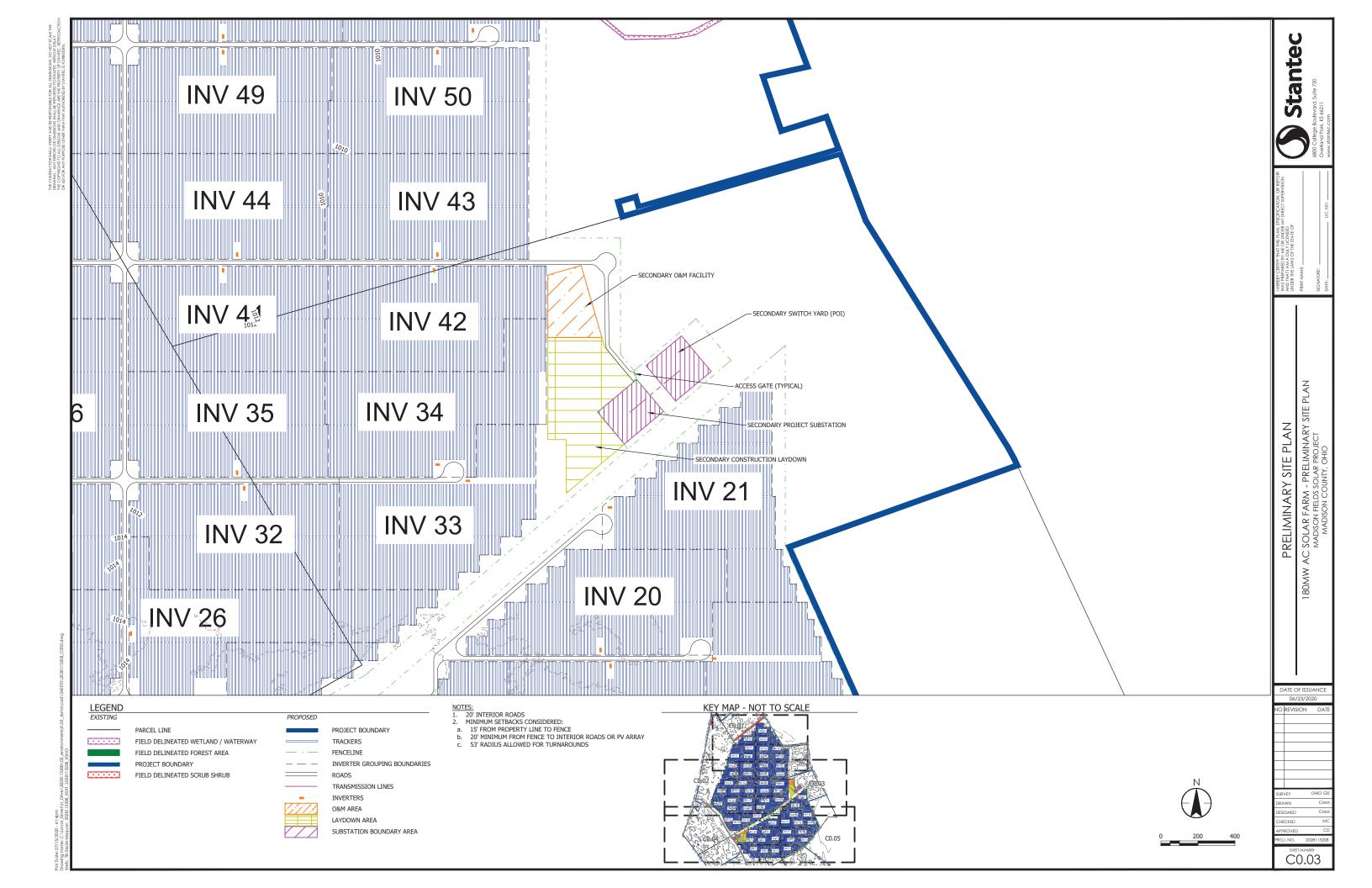
COVER SHEET

Stantec

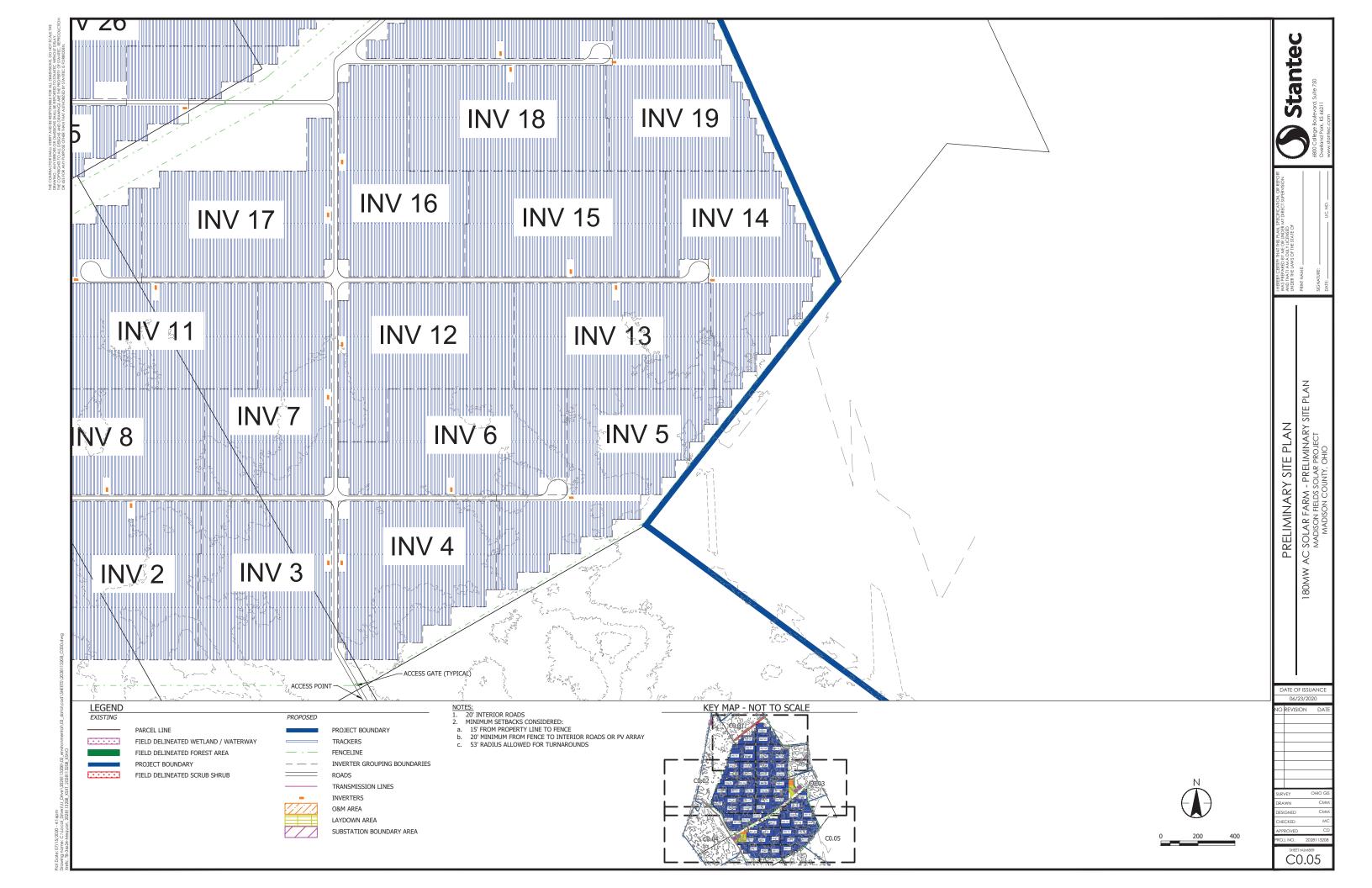
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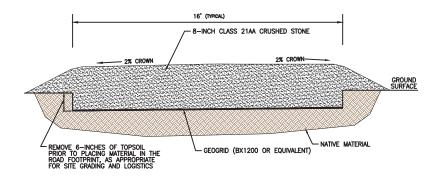




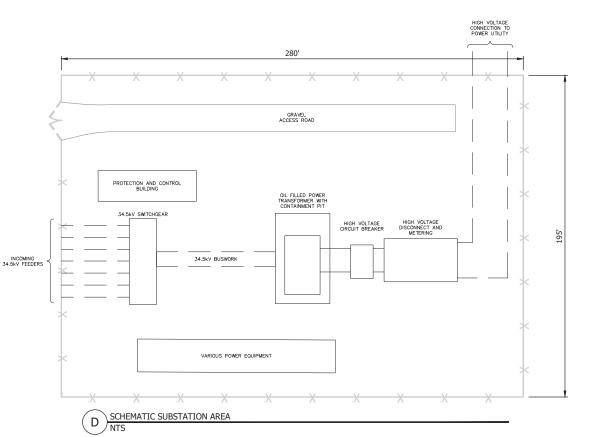
INV 28 INV 27 Stantec INV 2 **INV 22 INV 24 INV 23** 1018 **INV 10** PRIMARY O&M FACILITY -PRIMARY SUBSTATION LOCATION PRELIMINARY SITE PLAN INV 9 PRIMARY SWITCH YARD (POI) PRIMARY CONSTRUCTION LAYDOWN-INV 1 NOTES:
1. 20' INTERIOR ROADS
2. MINIMUM SETBACKS CONSIDERED:
a. 15' FROM PROPERTY LINE TO FENCE
b. 20' MINIMUM FROM FENCE TO INTERIOR ROADS OR PV ARRAY
c. 53' RADIUS ALLOWED FOR TURNAROUNDS LEGEND EXISTING PROPOSED PARCEL LINE PROJECT BOUNDARY TRACKERS FIELD DELINEATED WETLAND / WATERWAY FIELD DELINEATED FOREST AREA FENCELINE PROJECT BOUNDARY INVERTER GROUPING BOUNDARIES FIELD DELINEATED SCRUB SHRUB TRANSMISSION LINES INVERTERS O&M AREA LAYDOWN AREA SUBSTATION BOUNDARY AREA C0.04

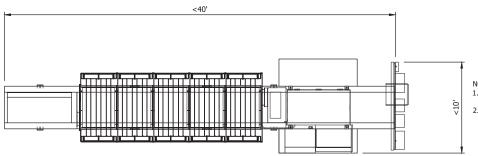


- DETAILS ON THIS DRAWING ARE CONCEPTUAL ONLY.
 FOUNDATION AND EQUIPMENT CONFIGURATION SUBJECT TO CHANGE DURING DETAILED DESIGN.
- PILE EMBEDMENT DEPTH VARIES ON GEOTECHNICAL STUDY RESULTS AND STRUCTURAL DESIGN.
- A ACTUAL OPTIMAL DIMENSIONS MAY DEPEND ON SPECIFIC CONDITIONS OF THE SITE.



A TYPICAL ACCESS ROAD DETAIL NTS

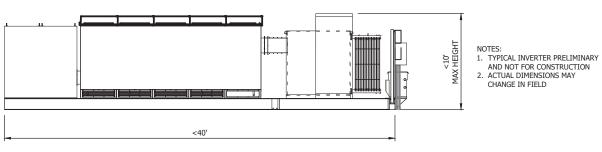




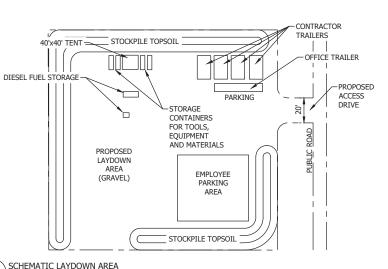
- NOTES:
 1. TYPICAL INVERTER PRELIMINARY
- AND NOT FOR CONSTRUCTION
 2. ACTUAL DIMENSIONS MAY
- CHANGE IN FIELD

CHANGE IN FIELD

B TYPICAL INVERTER SKID DETAIL - TOP VIEW NTS



C TYPICAL INVERTER SKID DETAIL - SIDE VIEW NTS



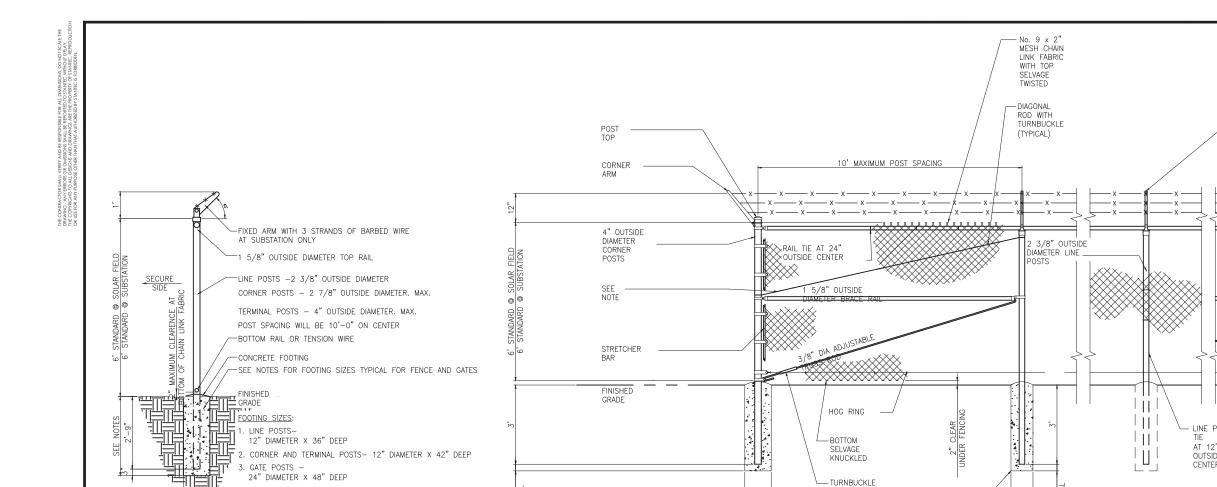
E SCHEMATIC LAYDOWN AREA NTS

C1.01

PRELIMINARY SITE PLAN OLAR PROJECT

Stantec

DETAILS 180MW AC



GRADE

A SECURITY FENCE AND GATE (OPTION)
NTS

SEE NOTES

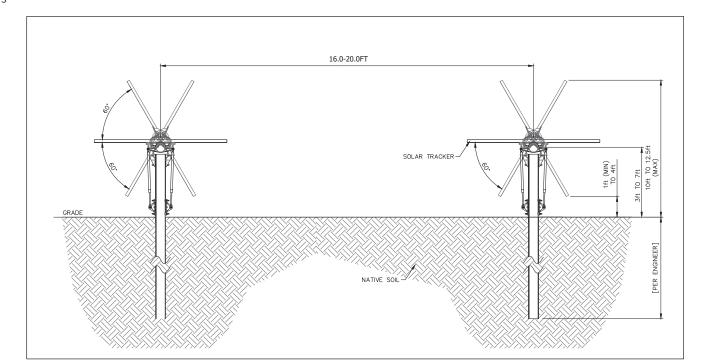
12" DIAMETER X 36" DEEP

24" DIAMETER X 48" DEEP

JURISDICTION

2. CORNER AND TERMINAL POSTS- 12" DIAMETER X 42" DEEP

4. VERIFY HEIGHT RESTRICTIONS WITH LOCAL AUTHORITY HAVING



HOG RING

- ВОТТОМ

SELVAGE

12" DIAMETER TYPICAL AT CORNER AND END POSTS

KNUCKLED

-TURNBUCKLE

PLAIN CONCRETE

FOOTING (TYPICAL)

10" DIAMETER TYPICAL AT LINE POSTS

- DETAILS ON THIS DRAWING ARE CONCEPTUAL ONLY.
 FOUNDATION AND EQUIPMENT CONFIGURATION SUBJECT TO CHANGE DURING
- 3. PILE EMBEDMENT DEPTH VARIES ON GEOTECHNICAL STUDY RESULTS AND
- STRUCTURAL DESIGN.
 ACTUAL OPTIMAL DIMENSIONS MAY DEPEND ON SPECIFIC CONDITIONS OF THE

B EAST-WEST SINGLE AXIS SELF-POWERED TRACKER - ROW TO TOW SPACING NTS

Stante

- 45° BARBED WIRE ARM TOWARD EXTERIOR OF ENCLOSURE AT SUBSTATION ONLY

(3) STRANDS OF BARBED WIRE WITH 4 STAGGERED

BARBS AT SUBSTATION ONLY

1 5/8" OUTSIDE

DIAMETER TOP RAIL

4" OUTSIDE DIAMETER

END POSTS

T FABRIC

TENSION

CROWN

CONCRETE

(TYPICAL)

#7 TENSION

111

111

| |

| ||

111

- LINE POST TIE

AT 12"

OUTSIDE

TEMPORARY SECURITY FENCE TO BE INSTALLED WITHOUT BARBED WIRE.

2. POST BRACES SHALL BE PROVIDED AT EACH GATE, CORNER, AND END POST, WHERE FENCE RUNS OF 300 FEET OR MORE TERMINATE AT THE POST. SECOND DIAGONAL ROD SHALL BE

INSTALLED AS SHOWN.

SITE DETAILS

C1.02

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Commission of Ohio Docketing Information System on

7/17/2020 2:50:08 PM

in

Case No(s). 19-1881-EL-BGN

Summary: Application - Part 2 of 8 (Figures 08-7 - 08-8 and Exhibit A) electronically filed by Christine M.T. Pirik on behalf of Madison Fields Solar Project, LLC