

MPSC SOLAR CERTIFICATE PLAN SET

ALLEGAN SOLAR, LLC

ALLEGAN SOLAR

ALLEGAN COUNTY, MI

PURSUANT TO PUBLIC ACT 233 OF 2023

DATE: APRIL 2026

COUNTY LOCATION



ALLEGAN COUNTY, MI

PROJECT SCOPE

THE PROJECT ENTAILS THE INSTALLATION OF A SOLAR PHOTOVOLTAIC SYSTEM IN MONTEREY/HOPKINS TOWNSHIPS, ALLEGAN COUNTY, MI. THE INSTALLATION CONSISTS OF NEW GROUND MOUNTED STRUCTURES WITH MOUNTED PHOTOVOLTAICS.

THE PROJECT SCOPE OF WORK FOR THESE DRAWINGS PERTAINS TO THE MICHIGAN PUBLIC SERVICE COMMISSION CERTIFICATE FOR SOLAR ENERGY. REFER TO THE SEPARATE ELECTRICAL AND LANDSCAPE DRAWINGS FOR THAT DESIGN.

PROJECT OWNER

ALLEGAN SOLAR, LLC.
2373 OAKVALLEY DR.
ANN ARBOR, MI 48103

ENGINEER

TRC ENVIRONMENTAL CORPORATION
4300 CASCADE RD, SE
SUITE 103
GRAND RAPIDS, MI 49546

BASIS OF BEARINGS

BASIS OF BEARINGS IS TRUE NORTH BASED ON NAD83 MICHIGAN STATE PLANES, SOUTH ZONE, INTERNATIONAL FOOT.

SITE INFORMATION

MONTEREY P.I.N.: 16-036-001-00, 16-025-011-00, 16-025-013-00, 16-025-015-00, 16-025-016-00, 10-031-005-00, 16-025-012-00, 16-036-004-00, 16-025-003-00, 16-025-005-00
GROSS PARCEL AREAS: ± MONTEREY: 672.6 ± ACRES, HOPKINS: 96.5 ± ACRES, TOTAL: 769.1 ± ACRES
HOPKINS P.I.N.: 10-031-006-00, 10-030-008-01, 10-030-011-00

ZONING: A-1; AGRICULTURAL

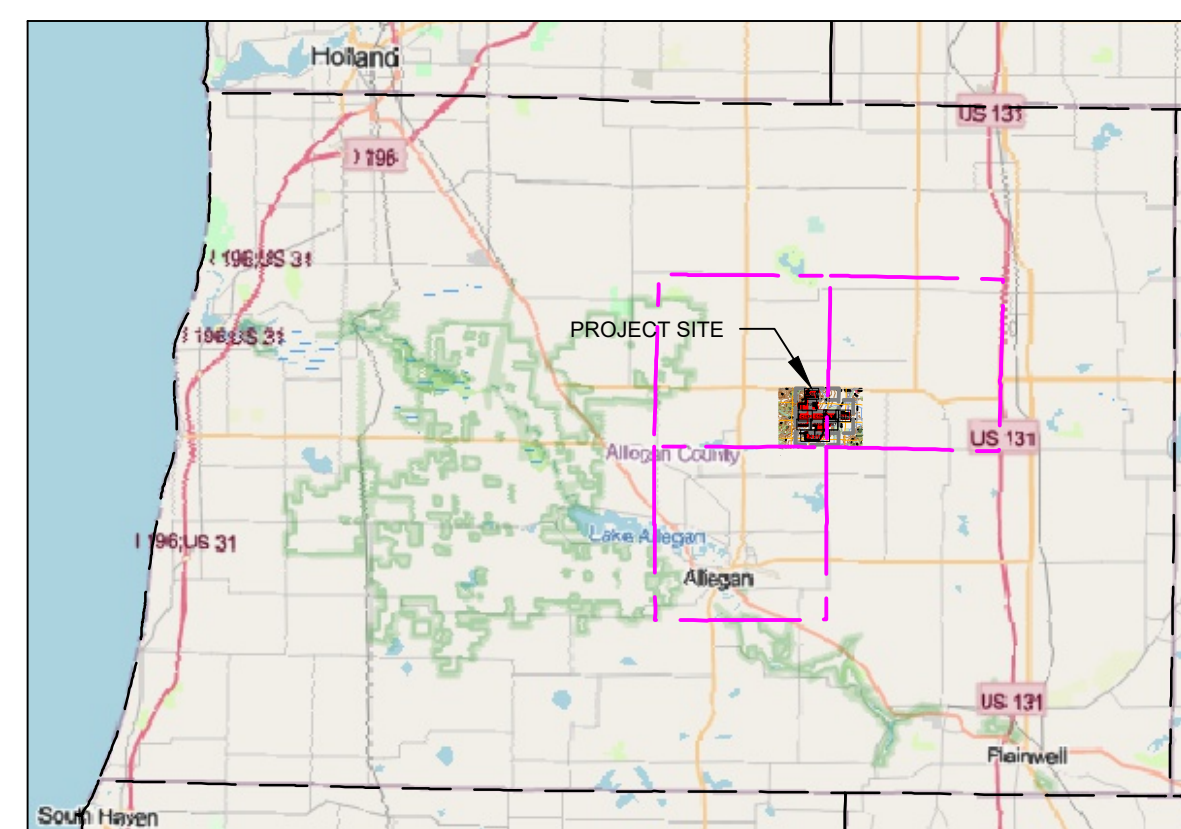
SYSTEM SPECIFICATIONS

TOWNSHIP	MONTEREY	HOPKINS
MODULE MODEL	FIRST SOLAR FS-7550A-TR1	
MODULE STC DC RATING	550W	
MODULES PER SOURCE CIRCUIT	5	
MODULE COUNT	237,180	17,040
TOTAL MODULE COUNT	254,220	
NO. OF STRINGS	47,436	3,408
TOTAL NO. OF STRINGS	50,844	
STC DC SYSTEM SIZE	130.45 MW	9.37 MW
TOTAL STC DC SYSTEM SIZE	139.82 MW	
STC AC SYSTEM SIZE	101.20 MW	4.40 MW
TOTAL STC AC SYSTEM SIZE	105.60 MW	
DC/AC RATIO	1.32	
MV STATION MODEL	SUNGROW SG4400UD-MV	
NO. OF MV STATIONS	23	1
TOTAL NO. OF MV STATIONS	24	
RACKING SYSTEM	GAMECHANGE SAT	
ROW TO ROW SPACING [GCR]	18.65' [40%]	
MODULE TILT	+/-60°	
ARRAY AZIMUTH	180°	
BESS CONTAINERS (QTY)	88	N/A
BESS INVERTER (QTY)	11	N/A
BESS POWER CAPACITY	50 MW	N/A
SITE AREA INSIDE FENCE	505 ACRES	39 ACRES
TOTAL SITE AREA INSIDE FENCE	544 ACRES	

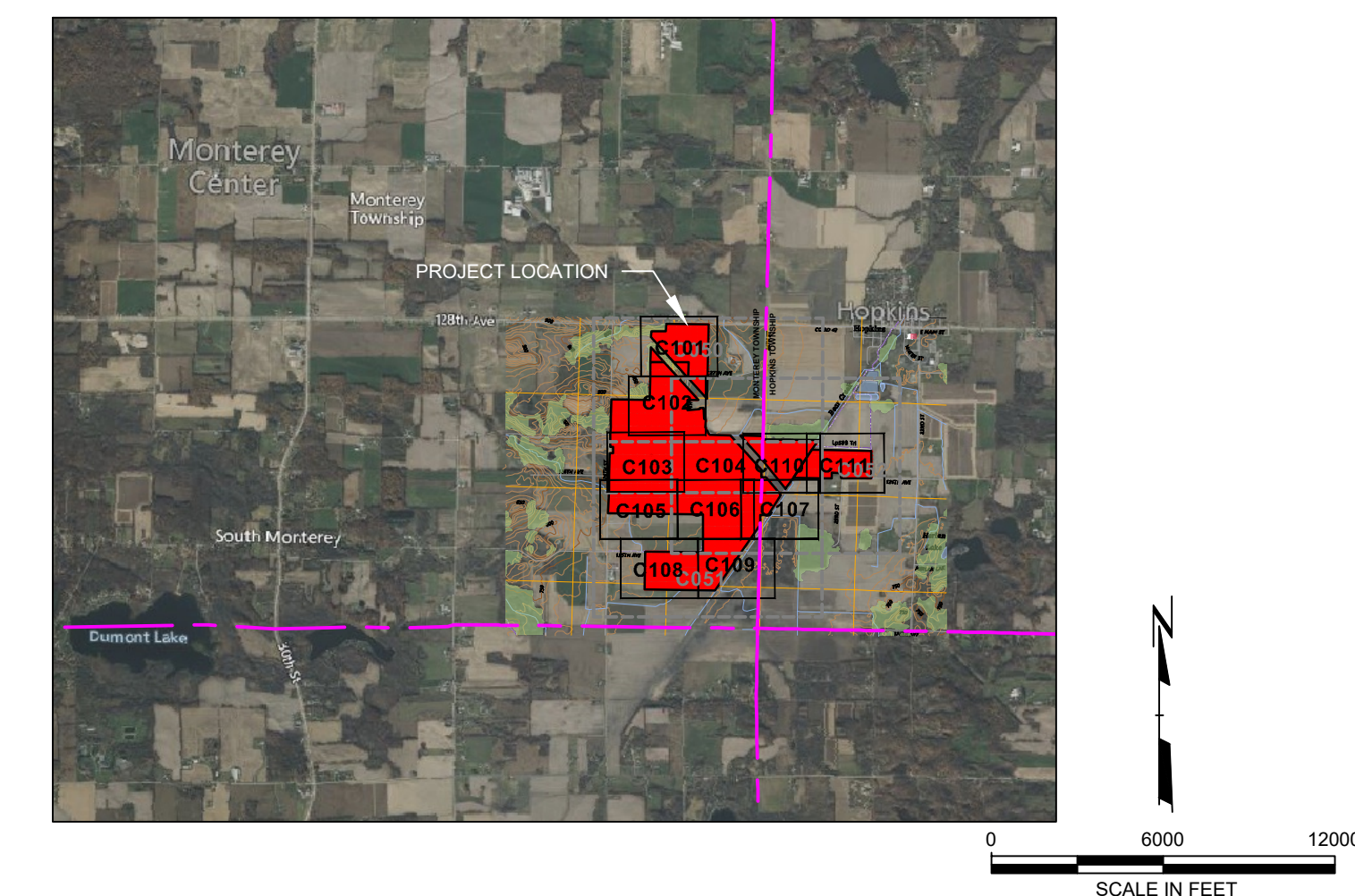
SHEET INDEX

DRAWING NUMBER	SHEET TITLE
G000	TITLE SHEET
G010	GENERAL NOTES
C050	EXISTING CONDITIONS
C051	EXISTING CONDITIONS
C052	EXISTING CONDITIONS
C100	OVERALL SITE PLAN
C101	SITE PLAN
C102	SITE PLAN
C103	SITE PLAN
C104	SITE PLAN
C105	SITE PLAN
C106	SITE PLAN
C107	SITE PLAN
C108	SITE PLAN
C109	SITE PLAN
C110	SITE PLAN
C111	SITE PLAN
C501	ACCESS ROAD AND CULVERT DETAILS
C502	PV TRACKERS AND EQUIPMENT PAD DETAILS
C503	EROSION CONTROL DETAILS
C504	FENCING DETAILS

VICINITY MAP



PROJECT LOCATION



PRELIMINARY NOT FOR CONSTRUCTION

PRELIMINARY NOT FOR CONSTRUCTION

SEAL:		PROFESSIONAL ENGINEER: DOUGLAS GENTHE 6201038820		
		LICENSE EXPIRATION DATE: 3/22/2028		
NO.	BY	DATE	REVISION	APPD.
PROJECT: MPSC SOLAR CERTIFICATE PLAN SET ALLEGAN SOLAR, LLC PURSUANT TO PUBLIC ACT 233 OF 2023 ALLEGAN COUNTY, MI				
TITLE: TITLE SHEET				
DRAWN BY:	T. FIEBRANZ	PROJ. NO.:	000638061.0000.0000	
CHECKED BY:	R. WALKER	G000		
APPROVED BY:	D. GENTHE			
DATE:	APRIL 2026			
		4300 Cascade Rd. SE Grand Rapids, MI 49546 Phone: 616.378.6182		
FILE NO.:		638061.0000.0000 - NorthStar Allegan Solar (PA233)-TS.dwg		

2024 - USER: T:\admin - ATTACHED REFS: EX - KEY (PA233); 638061.ALL-AR-SYS1 - ATTACHED IMAGES: DRAWING NAME: C:\Users\Tfiebzan\project\env\6667275\638061.0000.0000 - NorthStar Allegan Solar (PA233)-TS.dwg --- PLOT DATE: April 20, 2026 - 1:45PM --- LAYOUT: TITLE SHEET

