

HESP SOLAR STILLWATER COMPLEX

CITY OF NORTHFIELD ATLANTIC COUNTY, NEW JERSEY

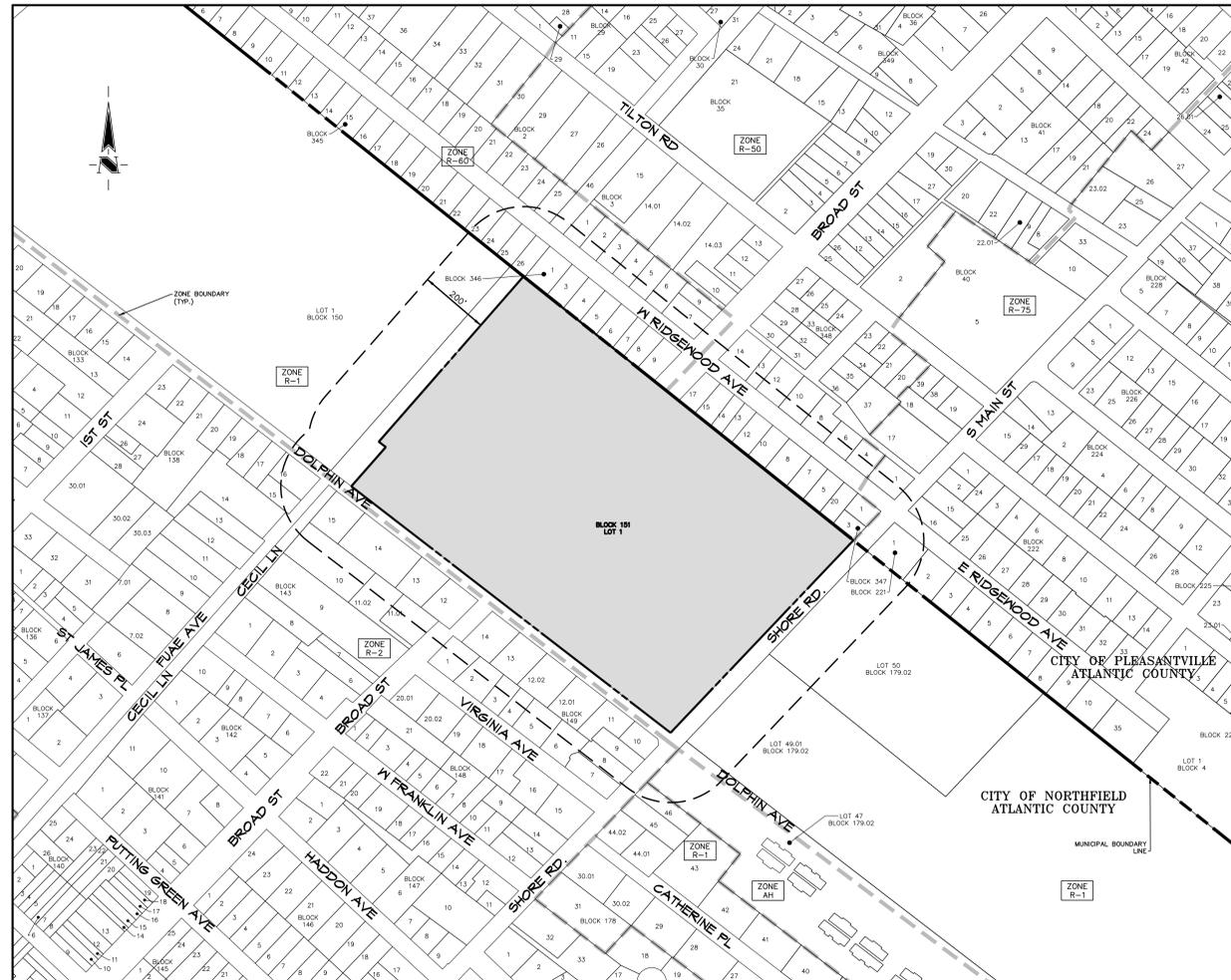


AERIAL KEY MAP
SCALE: 1" = 400'

REVISIONS		
NO.	DATE	DESCRIPTION

GENERAL NOTES:

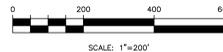
- THE PURPOSE OF THESE PLANS IS TO REQUEST A COURTESY REVIEW FROM THE CITY OF NORTHFIELD PLANNING BOARD FOR THE CONSTRUCTION OF A SOLAR ENERGY ARRAY AND ASSOCIATED IMPROVEMENTS.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE FOLLOWING INFORMATION:
 - STATE OF NEW JERSEY COMPOSITE OF PARCELS DATA BY THE NJ OFFICE OF INFORMATION TECHNOLOGY (NJGIT), OFFICE OF GEOGRAPHIC INFORMATION SYSTEMS (OGIS), THE DATA SETS THAT MAKE UP THE STATEWIDE COMPOSITE OF PARCELS DATA ARE NOT SURVEY DOCUMENTS AND SHOULD NOT BE USED AS SUCH. THE SPATIAL DATA (POLYGONS) DO NOT REPRESENT LEGAL BOUNDARIES. THEY ARE INTENDED TO PROVIDE REASONABLE REPRESENTATIONS OF PARCEL BOUNDARIES FOR PLANNING AND OTHER PURPOSES.
 - NEW JERSEY 2020 HIGH RESOLUTION ORTHOPHOTOGRAPHY FROM AERIAL PHOTOGRAPHY CAPTURED APRIL 2, 2020 - MAY 5, 2020 AND PUBLISHED BY NJ OFFICE OF INFORMATION TECHNOLOGY (NJGIT), OFFICE OF GEOGRAPHIC INFORMATION SYSTEMS (OGIS).
 - ADDITIONAL AERIAL IMAGERY TAKEN FROM NEARMAP ON OCTOBER 9, 2025.
- ALL PROPOSED UTILITIES SHALL BE UNDERGROUND.
- CONTRACTOR SHALL CALL NJ ONE CALL FOR UTILITY MARK OUT PRIOR TO START OF WORK.
- THIS PROJECT DOES NOT REQUIRE SOIL EROSION AND SEDIMENT CONTROL PLAN CERTIFICATION. THIS PROJECT PROPOSES LESS THAN 5,000 S.F. OF SOIL DISTURBANCE.
- THE PROPOSED FACILITY WILL NOT GENERATE ANY WASTE PRODUCTS, ODORS, OR VIBRATIONS.
- THE APPLICANT DOES NOT PROPOSE TO USE BATTERIES ON SITE TO STORE ENERGY. ALL ENERGY GENERATED WILL BE TIED INTO THE ELECTRICAL GRID AT THE INTERCONNECTION POINT.
- SOLAR PANEL LAYOUT TAKEN FROM FILE RECEIVED FROM HESP SOLAR, LLC., DATED SEPTEMBER 28, 2025.
- SOLAR PANEL LAYOUT, CONDUIT AND INVERTER PAD LOCATIONS ARE SUBJECT TO CHANGE BASED ON FINAL SELECTION OF PANEL MANUFACTURER, AND INSTALLATION CONTRACTOR. THE FINAL NUMBER OF PANELS AND ENERGY OUTPUT MAY VARY DEPENDING UPON THE FINAL SELECTION OF PANEL MANUFACTURER AND FIELD CONDITIONS. HOWEVER, THE CANOPY LIMITS WILL BE CONTAINED WITHIN THE LIMITS SHOWN.
- PROPOSED SOLAR PANEL SYSTEM WILL PRODUCE AN ESTIMATED 611.6 KW DC, 480 KW AC. THE FINAL NUMBER OF PANELS AND ENERGY OUTPUT MAY VARY DEPENDING UPON THE FINAL SELECTION OF PANEL MANUFACTURER AND FIELD CONDITIONS. HOWEVER, THE CANOPY LIMITS WILL BE CONTAINED WITHIN THE LIMITS SHOWN.
- SYSTEM SHUT-OFF INSTRUCTIONS FOR THE SOLAR FACILITY WILL BE PROVIDED TO CITY FIRE OFFICIAL PRIOR TO COMMISSIONING. SHOULD ON-SITE TRAINING FOR SYSTEM SHUT-OFF OR OTHER SPECIAL CONSIDERATIONS FOR FIGHTING FIRES AT THE SOLAR FACILITY BE REQUESTED BY ANY OF THE FIRE COMPANIES SERVING THE PROPERTY, THE APPLICANT SHALL ARRANGE AND PROVIDE FOR SAME.
- THE APPLICANT SHALL PROVIDE SAFETY INSTRUCTIONS TO ALL MAINTENANCE WORKERS WHO WORK AT THE SITE AS WELL AS TO THE CITY FIRE OFFICIAL, TOWNSHIP POLICE CHIEF, AND THE CHIEF OF THE FIRST AID SQUAD PRIOR TO CONSTRUCTION.
- THE APPLICANT SHALL ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY ENGINEERING DEPARTMENT PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.
- THIS PROJECT IS NOT CONSIDERED MAJOR DEVELOPMENT FOR STORMWATER PURPOSES BECAUSE THE PROJECT PROPOSES LESS THAN 1 ACRE (43,560 S.F.) OF DISTURBANCE AND LESS THAN 1/4 ACRE (10,890 S.F.) OF NEW IMPERVIOUS SURFACE.



ZONING LEGEND:

AH	ADULT HOUSING 15 DU/AC
R-1	SINGLE FAMILY 3-4 DU/AC
R-2	SINGLE FAMILY 4-5 DU/AC
R-50	SINGLE FAMILY - 5000 S.F.
R-60	SINGLE FAMILY - 6000 S.F.
R-75	SINGLE FAMILY - 7500 S.F.

SITE VICINITY PLAN
SCALE: 1" = 200'



INDEX OF SITE PLAN DRAWINGS

SHEET NO.	TITLE
1 OF 3	PROJECT DATA AND VICINITY PLAN
2 OF 3	SITE DIMENSION PLAN
3 OF 3	CONSTRUCTION DETAILS



www.gladstonedesign.com

GLADSTONE DESIGN, Inc.

Consulting Engineers
Land Surveyors
Landscape Architects
Land Planners

265 Main Street, P.O. Box 400
Gladstone, New Jersey 07934
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NJ Certificate of Authorization
No. 24GA28034400

Ronald A. Kennedy, P.E., P.P., CME, LEED AP
Kurt T. Hanis, P.L.S.
Robert C. Morris
Robert C. Moschello, P.E.

ROBERT C. MOSCHELLO, P.E.
NJ PROFESSIONAL ENGINEER
LICENSE No. GE44279

PROJECT
**HESP SOLAR
STILLWATER COMPLEX**
LOT 1 BLOCK 151

CITY OF NORTHFIELD
ATLANTIC COUNTY
NEW JERSEY

SHEET TITLE
SITE DEVELOPMENT PLANS

**PROJECT DATA/
VICINITY PLAN**

DATE	OCTOBER 13, 2025	
SCALE	AS NOTED	JOB NO. 1037-15
DRAWN	JSJ	SHEET NO.
CHKD.	JML	1 OF 3

APPLICANT:
HESP SOLAR, LLC
C/O SUSAN BRODIE
400 RELIA BLVD., SUITE 160
MONTEBELLO, NY 10901
(845) 422-3775

OWNER:
COUNTY OF ATLANTIC FACILITIES MGT
101-201 SHORE ROAD
NORTHFIELD, NJ 08225

ATTORNEY:
MR. ROBERT F. SIMON, ESQ.
HEROLD LAW PROFESSIONAL ASSOCIATION
25 INDEPENDENCE BOULEVARD
WARREN, NJ 07059
(908) 647-1022

TRACT INFORMATION:
LOT 1, BLOCK 151
TRACT AREA: 20.80 ACRES (905,839 S.F.)
NORTHFIELD CITY
ATLANTIC COUNTY, NEW JERSEY
TAX MAP SHEET: 17
ZONES: R-1 SINGLE FAMILY 3-4 DU/AC.

SITE DEVELOPMENT PLANS



REVISIONS		
NO.	DATE	DESCRIPTION



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PROJECT
HESP SOLAR STILLWATER COMPLEX
LOT 1 BLOCK 151
CITY OF NORTHFIELD
ATLANTIC COUNTY
NEW JERSEY

SHEET TITLE
SITE DEVELOPMENT PLANS
OVERALL PROPOSED SITE PLAN

DATE	OCTOBER 13, 2025
SCALE	1" = 30'
DRAWN	JSJ
CHKD.	JML
JOB NO.	1037-15
SHEET NO.	2 OF 3

- GENERAL NOTES:**
- CANOPY FOUNDATIONS SHALL BE SET BACK FROM THE FACE OF CURB 3' TO THE FOUNDATION CENTERLINE. WHERE CANOPY FOUNDATIONS ARE LOCATED WITHIN PAVED PARKING AREAS, FOUNDATIONS SHALL BE CENTERED BETWEEN PARKING SPACE STRIPS.
 - ANY EXISTING PARKING LOT LIGHTS WITHIN THE LIMITS OF THE PROPOSED SOLAR CANOPIES MUST BE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ELECTRIC WIRING TO REMAIN FOR ADDITIONAL LIGHT FIXTURES IN CONDUIT RUN AND FOR SECURELY CAPPING ALL ELECTRICAL CONDUIT EXPOSED AFTER REMOVAL OF PARKING LOT LIGHT FIXTURES. PROPOSED LIGHTS WILL BE UNDERMOUNTED FROM THE SOLAR CANOPY AND PROVIDED TO MEET LIGHTING LEVELS COMPLIANT WITH THE TOWNSHIP STANDARDS.
 - ELECTRIC CONDUIT ROUTING AND TRANSFORMER PADS SHOWN ARE CONCEPTUAL. FINAL ROUTING AND PAD LOCATION SHALL BE DETERMINED BY THE SCHOOL, HESP, AND THE CONTRACTOR IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT NEW JERSEY ONE CALL AT 1-800-272-1000 FOR UTILITY MARK-OUT. CALL AT LEAST THREE DAYS PRIOR TO THE START OF CONSTRUCTION.
 - ALL SITE ASPHALT AND CONCRETE PAVING, INCLUDING PARKING LOT PAVEMENT, CURB, SIDEWALKS, ETC., DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED/REPLACED IN-KIND.
 - ALL LANDSCAPING AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED/REPLACED IN-KIND. NO EXISTING TREES ARE TO BE IMPACTED BY THE PROPOSED WORK.

