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CONSULTING ENGINEERS D.P.C.

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**TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS**

PROJECT: DARRIGO SOLAR FARM
PROJECT NO.: 19-24
PROJECT LOCATION: SECTION 86, BLOCK 1, LOT 96
REVIEW DATE: 30 OCTOBER 2020
MEETING DATE: 5 NOVEMBER 2020
PROJECT REPRESENTATIVE: ARDEN CONSULTING- MICHAEL MORGANTE, P.E.

1. Status of the review comments dated 31 January with a 6 February 2020 meeting date should be addressed.
2. The Landscaping Plans submitted as well as the revised Site Plan do not match with buffers, setbacks and solar array layout. Landscaping Plan lacks the farm vehicle storage and trailer parking/new shale gravel drive area.
3. The SWPPP must be revised to address the additional impervious surfaces related to the proposed trailer parking areas.
4. The status of the NYSDEC review of the use of the State Superfund Site ID 336002 must be addressed..
5. Status of the NYSOPRHP review of the project should be addressed with the Board.
6. Status of the FAA & DOT review of the Glare Study should be received.
7. The time frame for Lead Agency circulation, which was submitted on 12 December 2019 has lapsed. The Town of Newburgh Planning Board can declare itself Lead Agency for the SEQRA review of the project.
8. Copy of the Zoning Board of Appeals approval for the site should be submitted for the file.

Respectfully submitted,

***McGoey, Hauser and Edsall
Consulting Engineers, D.P.C.***

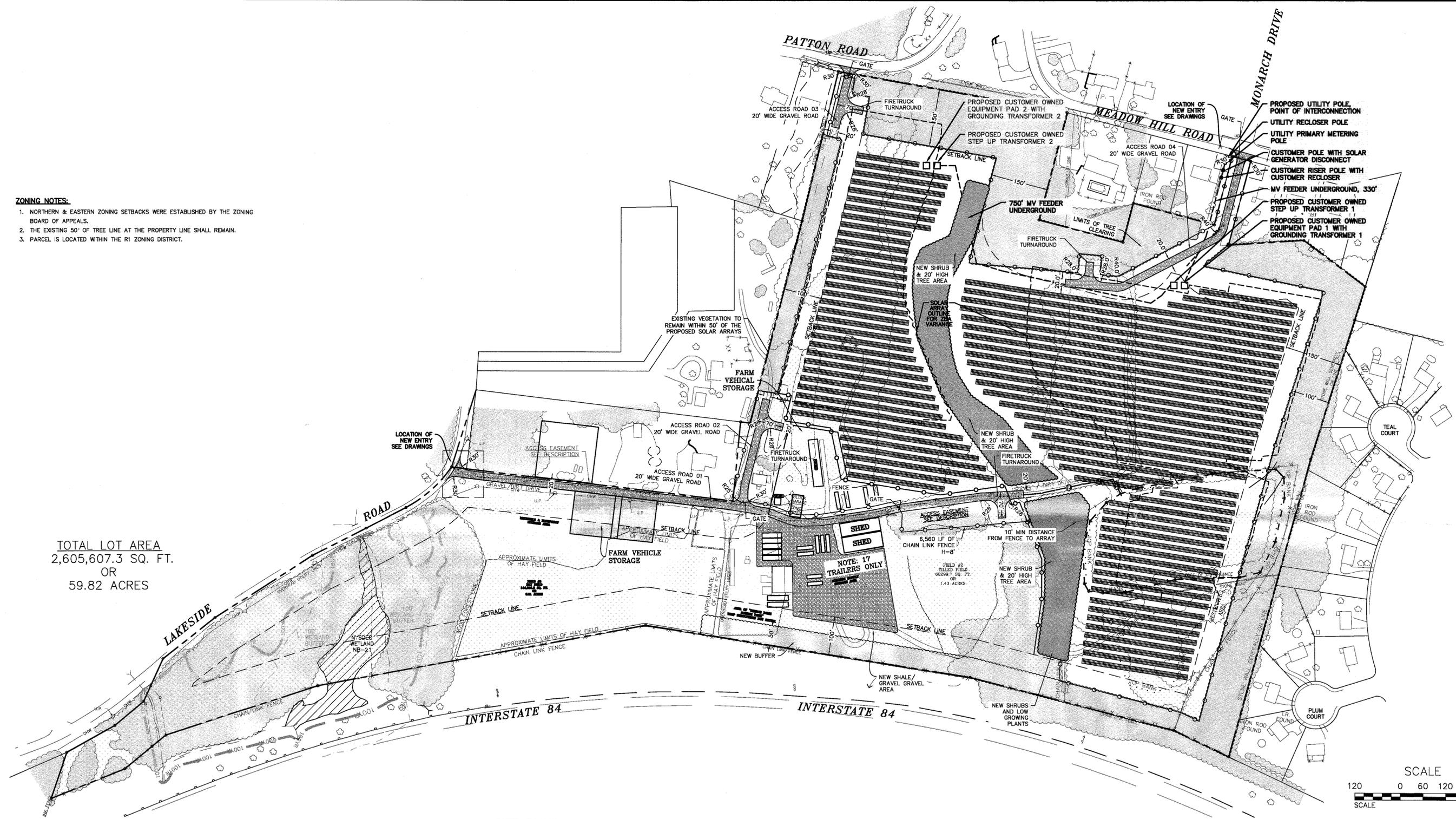
Patrick J. Hines
Principal

PJH/kbw

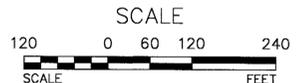
ZONING NOTES:

- NORTHERN & EASTERN ZONING SETBACKS WERE ESTABLISHED BY THE ZONING BOARD OF APPEALS.
- THE EXISTING 50' OF TREE LINE AT THE PROPERTY LINE SHALL REMAIN.
- PARCEL IS LOCATED WITHIN THE R1 ZONING DISTRICT.

TOTAL LOT AREA
2,605,607.3 SQ. FT.
OR
59.82 ACRES



SITE PLAN
SCALE: 1"=120'



WARNING- IT IS A VIOLATION OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

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OWNER'S CONSENT NOTE:

THE UNDERSIGNED OWNERS OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS PLAN, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON AND TO THE FILING OF THIS PLAN IN THE OFFICE OF THE CLERK OF THE COUNTY OF ORANGE, IF SO REQUIRED.

SIGNATURE - OWNER(S) TAX LOT 86-1-98

- EXISTING VEGETATION TO REMAIN
- EXISTING GRASS
- PROPOSED SOLAR
- PROPOSED GRAVEL ACCESS ROAD
- PROPOSED ZONING SETBACKS
- PROPOSED FENCE

- LEGEND:**
- 590 --- EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - EXISTING EDGE OF PAVEMENT
 - EXISTING PROPERTY LINE
 - EXISTING ADJACENT PROPERTY LINE
 - EXISTING BUILDING LINE
 - EXISTING IRON ROD FOUND
 - EXISTING LIGHT POLE
 - EXISTING STONE WALL
 - EXISTING TREELINE
 - EXISTING GRAVEL DRIVEWAY
 - EXISTING GUARDRAIL
 - EXISTING TREES
 - EXISTING SEWER MANHOLE
 - EXISTING WETLAND

REV.	BY	DATE	DESCRIPTION
3	MM	10/23/20	REVISIONS PER ZBA MTG.
2	MM	2/11/20	REVISIONS PER 2/4/20 PB MTG.
1	MM	1/31/20	UTILITY POLE RELOCATION FOR INTERCONNECTION POINT

THIS SHEET IS NOT VALID WITHOUT ALL OF THE SHEETS THAT COMPRISE THE SET

ARDEN CONSULTING ENGINEERS, PLLC
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WWW.ARDENCONSULTING.NET

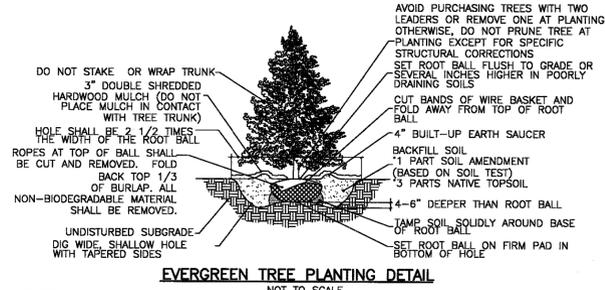
5 MW AC SOLAR FARM SITE PLAN FOR DARRIGO
84 LAKESIDE AVENUE
TOWN OF NEWBURGH - ORANGE COUNTY, N.Y.

SITE PLAN

STATE OF NEW YORK
MICHAEL A. MORGANTE, P.E.
LICENSED PROFESSIONAL ENGINEER
078571

JOB#: 18-014
SCALE: AS NOTED
DATE: 11-12-19
DRAWN: MM
CHECKED: MM
SHEET NO. 02 of 10

MICHAEL A. MORGANTE, P.E.
LIC. NO. 78577



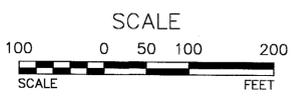
EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE

NOTES:

- FOR CONTAINER-GROWN TREES, USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL; THEN CUT OR PULL APART ANY ROOTS CIRCLING THE PERIMETER OF THE CONTAINER.
- THOROUGHLY SOAK THE TREE ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
- SOIL AMENDMENTS:
 *MODIFY HEAVY CLAY OR SILT SOILS (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) OR GYPSUM
 *MODIFY EXTREMELY SANDY SOILS (MORE THAN 85% SAND) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX

LEGEND:

---	EXISTING MAJOR CONTOUR
---	EXISTING MINOR CONTOUR
---	EXISTING EDGE OF PAVEMENT
---	EXISTING PROPERTY LINE
---	EXISTING ADJACENT PROPERTY LINE
---	EXISTING BUILDING LINE
---	EXISTING IRON ROD FOUND
---	EXISTING LIGHT POLE
---	EXISTING STONE WALL
---	EXISTING TREELINE
---	EXISTING GRAVEL DRIVEWAY
---	EXISTING GUARDRAIL
---	EXISTING TREES
---	EXISTING SEWER MANHOLE
---	EXISTING WETLAND
---	EXISTING VEGETATION TO REMAIN
---	PROPOSED TREE CLEARING
---	PROPOSED MAJOR CONTOUR
---	PROPOSED MINOR CONTOUR
---	PROPOSED SOLAR
---	PROPOSED GRAVEL ACCESS ROAD
---	PROPOSED ZONING SETBACKS
---	PROPOSED FENCE



REV.	BY	DATE	DESCRIPTION

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5 MW AC SOLAR FARM SITE PLAN FOR DARRIGO
 84 LAKESIDE AVENUE
 TOWN OF NEWBURGH - ORANGE COUNTY, N.Y.

LANDSCAPING PLAN

JOB#: 18-014
 SCALE: AS NOTED
 DATE: 01-24-20
 DRAWN: MM
 CHECKED: MM
 SHEET NO. 09 of 09

STATE OF NEW YORK
 MICHAEL A. MORGANTE, P.E.
 LICENSED PROFESSIONAL ENGINEER
 07557

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LANDSCAPING PLAN
SCALE: 1"=100'