

**DEVELOPMENT AND MANAGEMENT PLAN
FOR PROPOSED SOLAR PHOTOVOLTAIC ELECTRIC
GENERATIVE FACILITY AT 21 MOUNT PARNASSUS ROAD,
EAST HADDAM, CONNECTICUT
BY PETITIONER
SHAGBARK LUMBER AND FARM SUPPLIES, INC.
(PETITION NO. 1215)**

JUNE 1, 2016

DEVELOPMENT AND MANAGEMENT PLAN
PETITION NO. 1215

I. BACKGROUND

On February 2, 2016, Shagbark Lumber and Farm Supplies, Inc. (“Petitioner”) submitted its petition (“Petition No. 1215”) to the Connecticut Siting Council (“Council”), pursuant to Conn. Gen. Stat. §§ 4-176 and 16-50k(a) and Conn. Agencies Regs. §§16-50j-38 *et seq.*, for a declaratory ruling that the construction, operation, and maintenance of a 1.6 MW solar photovoltaic facility at 21 Mount Parnassus Road, East Haddam, Connecticut (“Site”) did not require a Certificate of Environmental Compatibility and Public Need. The Petitioner also provided notice of its petition to all town and state officials, abutters, and state agencies, as required by applicable law, regulations, and the council’s requests.

On March 3, 2016, following a site visit and receiving comments from State Representative Melissa Ziobron, the Connecticut Department of Transportation, and the East Haddam Planning and Zoning Commission, the Council held a public meeting during which it considered Petition No. 1215, and ruled that it would not require a certificate of Environmental Capability and Public Need, with some conditions.

By letter dated March 4, 2016, the Council informed the Petitioner, by its counsel, that one such condition will be a Development and Management Plan (“D&M”), in compliance with §§ 16-50j-60 through 16-50j-62, relative to the proposed site. As required by the Council, the D&M plan shall include:

- a) a final site plan, including, but not limited to, the electrical interconnection design;
- b) Vernal pool analysis;

- c) Erosion and sedimentation control plan consistent with the *2002 Connecticut Guidelines for Erosion and Sedimentation Control*;
- d) A stormwater management plan consistent with the *2004 Connecticut Stormwater Quality Manual*;
- e) Landscaping plan that mitigates any visual impact; and
- f) SHPO determination.

The Petitioner hereby submits this D&M to satisfy the Council's condition for ruling, and respectfully requests that the Council rule to adopt this D&M for Petition No. 1215.

II. SITE PLAN

A. ELECTRICAL INTERCONNECTION DESIGN

The electrical interconnection design is shown on the series of drawings attached as EXHIBIT A (5 pages), entitled "SHAGBARK LUMBER SOLAR PV PROJECT; 21 MT PARNASSUS RD; EAST HADDAM, CT 06423; FOR D&M PLAN 05.31.19."

B. VERNAL POOL ANALYSIS

Eric Davison of Davison Environmental, Wildlife Biologist, Certified Wetland Scientist, and Registered Soil Scientist retained for this project, updated and confirmed his previous Natural Resource Assessment by conducting a vernal pool analysis of the site on March 31, 2016. The vernal pool analysis confirmed that there are no vernal pool species on the site. The areas previously identified as possible vernal pools were impounded by a beaver dam, which had breached. The remaining open water was limited to a very narrow backwater near an upper beaver dam, and contained just six spotted salamander egg masses, typically a vernal pool indicator species. Because of the conditions of the water, survivorship is low in this area, and the eggs are more likely attempts

to colonize nearby water from a local true vernal pool.

For the full results of the vernal pool analysis and a map of the tested area, see EXHIBIT B.

C. EROSION AND SEDIMENTATION CONTROL PLAN

The Erosion and Sedimentation Control Plan is shown on the map attached as EXHIBIT C & D (2 pages), entitled, "SITE PLAN - PROPOSED SOLAR GENERATION FACILITY; SHAGBARK LUMBER AND FARM SUPPLIES; 21 MT PARNASSUS ROAD; EAST HADDAM CONNECTICUT; MAP: 27 LOT: 91; DATE: 1/5/16; DRAWN BY: J.A.N.; CHECKED BY: R.D.N.; SCALE: 1' = 40", " revised to 5/24/16.

D. STORMWATER MANAGEMENT PLAN

The Stormwater Management Plan is shown on the map attached as EXHIBIT C & D (2 pages), entitled, "SITE PLAN - PROPOSED SOLAR GENERATION FACILITY; SHAGBARK LUMBER AND FARM SUPPLIES; 21 MT PARNASSUS ROAD; EAST HADDAM CONNECTICUT; MAP: 27 LOT: 91; DATE: 1/5/16; DRAWN BY: J.A.N.; CHECKED BY: R.D.N.; SCALE: 1' = 40", " revised to 5/24/16.

E. LANDSCAPING PLAN

The Petitioner will work closely with the Town of East Haddam on the site throughout project construction to develop and install any landscaping necessary to minimize visual impact.

F. SHPO DETERMINATION

By letter dated March 31, 2016, the State Historic Preservation Office (SHPO) submitted its comments on the site to the project Developer, PurePoint Energy. A copy of its comments are appended hereto as EXHIBIT F, and were previously submitted to the Council.

SHPO determined that the site did not contain, nor is it adjacent to, any properties listed on

the National Register of Historic Places. Nevertheless, SHPO requested a professional cultural resources assessment and reconnaissance survey be completed on the site prior to construction, as some conditions on portions of the Area of Potential Effect tend to be associated with pre-contact Native American Settlement.

Respectfully submitted,
Shagbark Lumber and Farm Supplies, LLC

By:



Deborah L. Barbi, Attorney

Scott W. Jezek, Attorney

Law Offices of Scott W. Jezek

31 W.F. Palmer Road

P.O. Box 376

Moodus, Connecticut 06469

Telephone: 860-873-1449

scott@jezeklaw.com

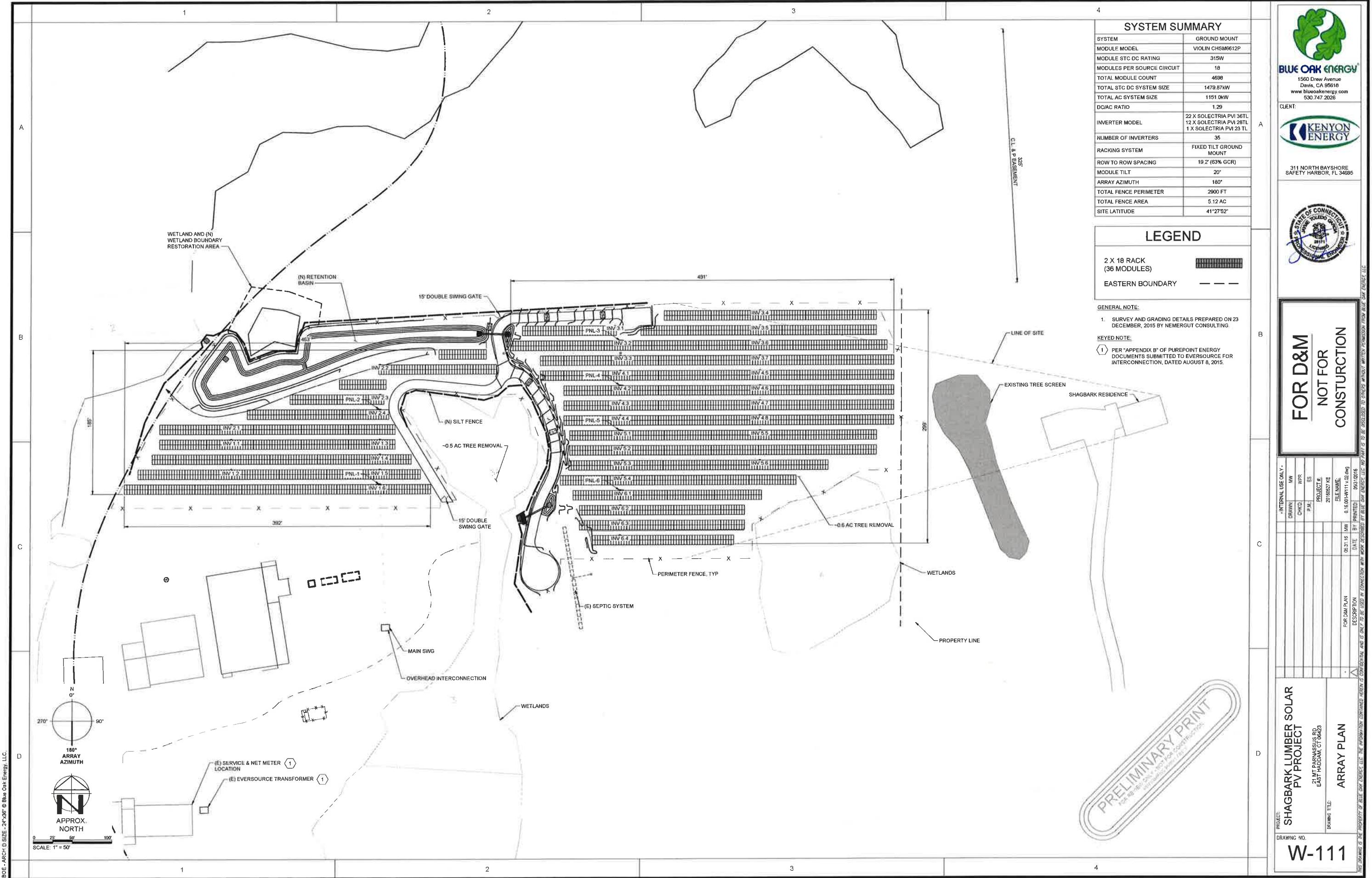
SHAGBARK LUMBER SOLAR PV PROJECT

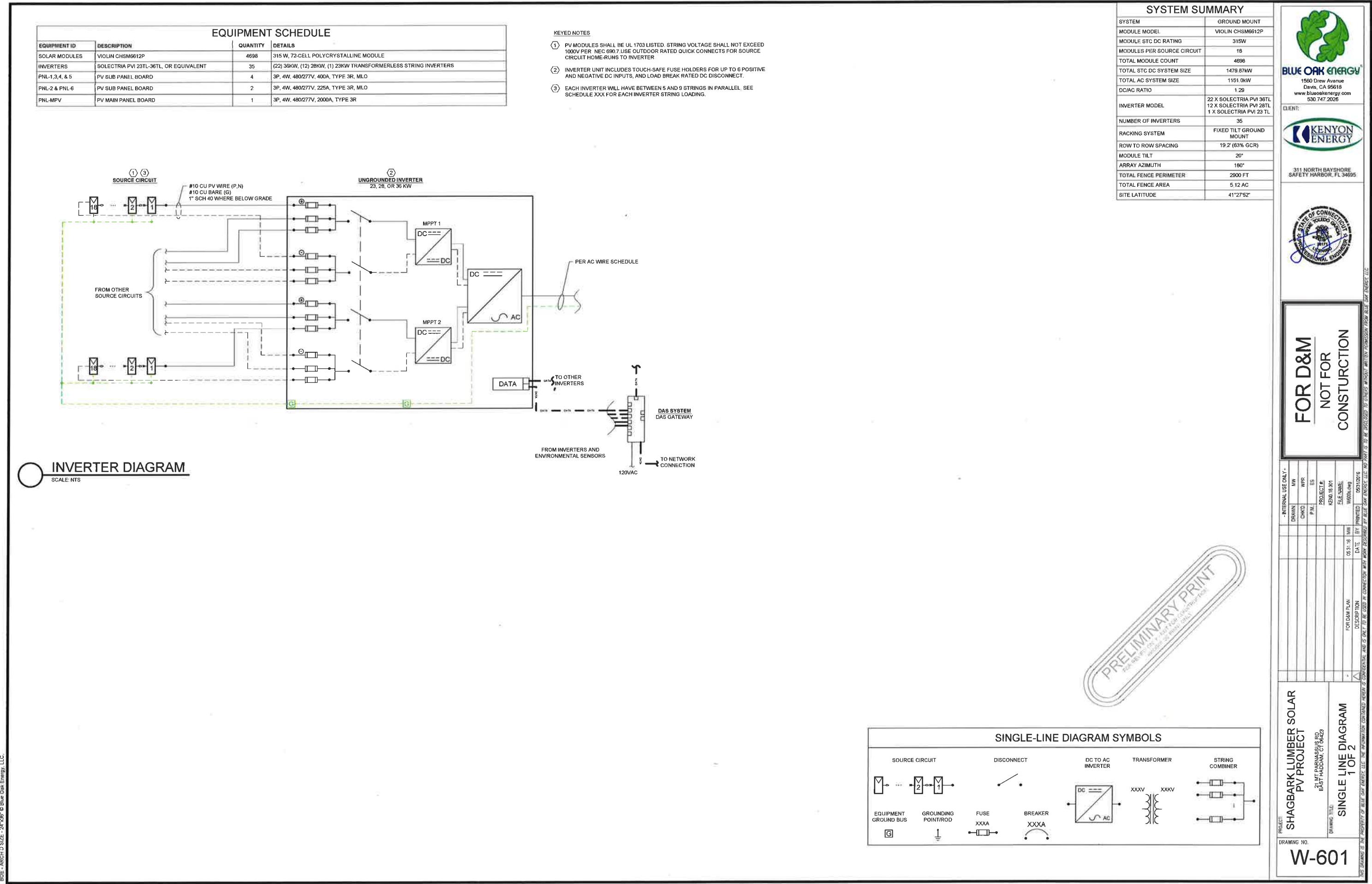
21 MT PARNASSUS RD. EAST HADDAM, M27 L091 MIDDLESEX COUNTY, CT 06423

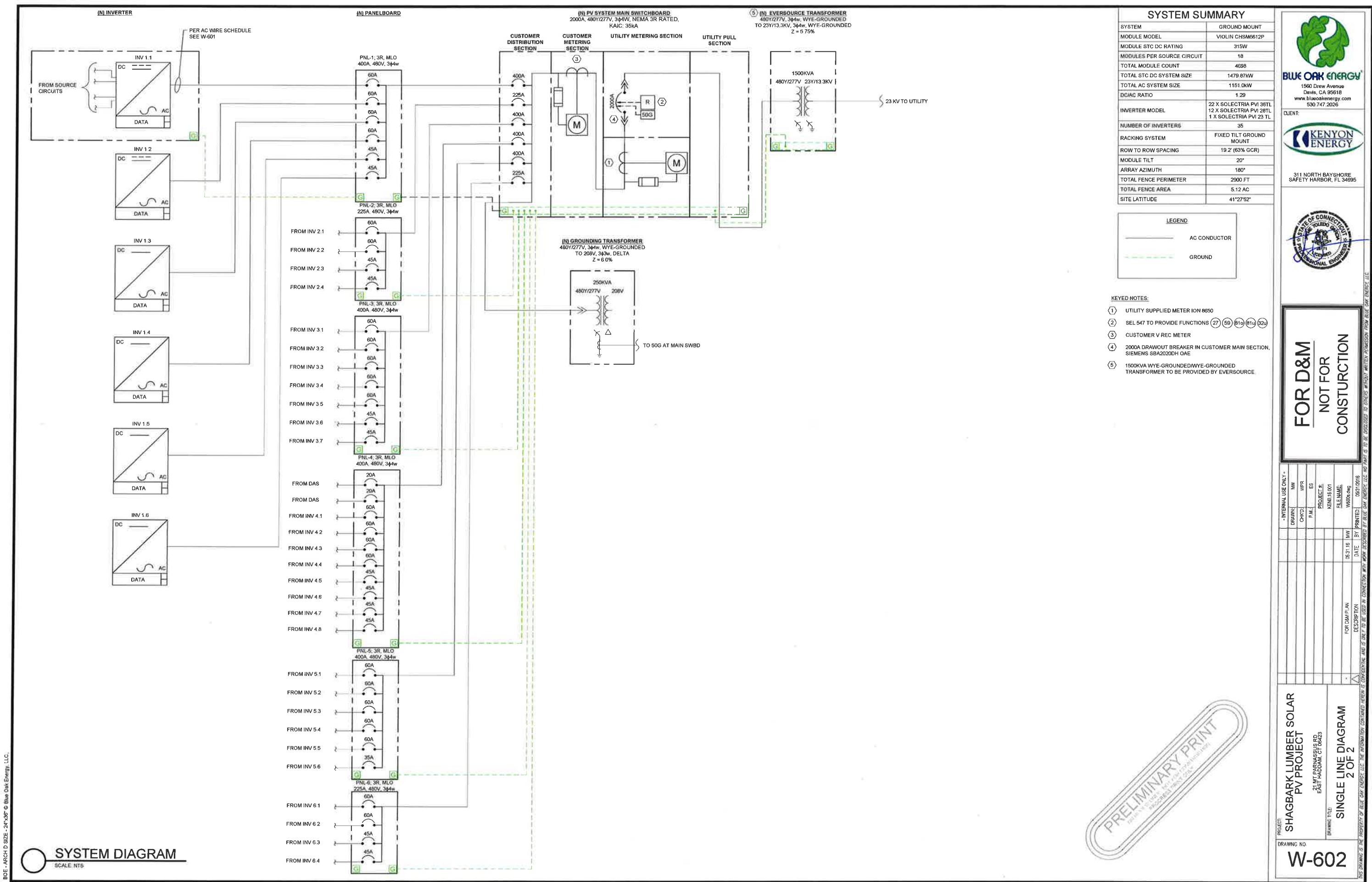
SOLAR ELECTRIC SYSTEM PROJECT - 1.48 MW DC



PROJECT LOCATION:	PROJECT SCOPE:	PROJECT TEAM:	DRAWING INDEX:																		
<p>PROJECT SITE: EAST HADDAM</p>	<p>SOLAR ELECTRIC SYSTEM</p> <p>THE PROJECT ENTAILS THE INSTALLATION OF A SOLAR PHOTOVOLTAIC SYSTEM AT THE SHAGBARK LUMBER YARD. THE SYSTEM WILL BE A NET ELECTRICITY EXPORTER TO THE UTILITY GRID.</p> <p>THE INSTALLATION CONSISTS OF NEW FIXED TILT STRUCTURES WITH STATIC MOUNTED PHOTOVOLTAICS.</p> <p>THE SYSTEM WILL BE INTERCONNECTED TO AND WILL BE OPERATED IN PARALLEL WITH THE EVERSOURCE ENERGY ELECTRIC GRID PER THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE.</p>	<p>SITE CONTACT KENYON ENERGY 311 NORTH BAYSHORE SAFETY HARBOR, FLORIDA 34695 CONTACT: JOE BOWERS TEL: (727) 216-4000 JBOWERS@KENYONENERGY.COM</p> <p>PROJECT MANAGER BLUE OAK ENERGY 1560 DREW AVENUE DAVIS, CA 95618 CONTACT: ERIK SOWA TEL: (530) 747-2026 EX:222</p> <p>STRUCTURAL ENGINEER RBI SOLAR, INC. 5513 VINE STREET CINCINNATI, OH 45217 CONTACT: BILL VIETAS TEL: (513) 618-7268 TEL: (513) 604-3574 BVETAS@RBISOLAR.COM</p>	<table border="1"> <thead> <tr> <th>DWG NO</th><th>TITLE</th><th>REV NO</th></tr> </thead> <tbody> <tr> <td>W-001</td><td>TITLE SHEET</td><td>-</td></tr> <tr> <td>W-111</td><td>ARRAY PLAN</td><td>-</td></tr> <tr> <td>W-401</td><td>EQUIPMENT ELEVATIONS</td><td>-</td></tr> <tr> <td>W-601</td><td>SINGLE LINE DIAGRAM 1 OF 2</td><td>-</td></tr> <tr> <td>W-602</td><td>SINGLE LINE DIAGRAM 2 OF 2</td><td>-</td></tr> </tbody> </table>	DWG NO	TITLE	REV NO	W-001	TITLE SHEET	-	W-111	ARRAY PLAN	-	W-401	EQUIPMENT ELEVATIONS	-	W-601	SINGLE LINE DIAGRAM 1 OF 2	-	W-602	SINGLE LINE DIAGRAM 2 OF 2	-
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W-601	SINGLE LINE DIAGRAM 1 OF 2	-																			
W-602	SINGLE LINE DIAGRAM 2 OF 2	-																			
<p>PERMITTING/PLANNING NOTES:</p> <ol style="list-style-type: none"> 1. THIS PV SYSTEM INSTALLATION IS SUBJECT TO INSPECTION BY THE CITY BUILDING OFFICIALS, SHAGBARK LUMBER, KENYON ENERGY, BLUE OAK ENERGY AND MULTIPLE OTHER STAKEHOLDERS IN THIS PROJECT. 2. THIS PROJECT SHALL CONFORM TO THE FOLLOWING CODE VERSIONS: <ul style="list-style-type: none"> - NATIONAL ELECTRICAL CODE (NEC) 2011 																					
<p>STREET MAP:</p> <p>PROJECT SITE</p> <p>APPROX. NORTH</p>			<p>AERIAL VIEW:</p> <p>ARRAY LOCATION</p> <p>APPROX. NORTH</p>																		
<p>TITLE SHEET</p> <p>PROJECT: SHAGBARK LUMBER SOLAR PV PROJECT 21 MT PARNASSUS RD. EAST HADDAM, CT 06423</p> <p>DRAWING NO. W-001</p> <p>DATE: 05/31/16 BY: Printed</p> <p>DESCRIPTION: FOR D&M</p> <p>SCALE: 1:1000</p> <p>NOTE: THIS DRAWING IS THE PROPERTY OF BLUE OAK ENERGY, LLC. THE INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND IS ONLY TO BE USED IN CONNECTION WITH WORK ASSIGNED BY BLUE OAK ENERGY, LLC. NO PART IS TO BE COPIED, USED, OR DISCLOSED TO OTHERS WITHOUT THE WRITTEN APPROVAL OF BLUE OAK ENERGY, LLC.</p>			<p>FOR D&M NOT FOR CONSTRUCTION</p>																		









Biodiversity Studies • Wetland Delineation & Assessment • Habitat Management • GIS Mapping • Permitting

May 31, 2016

Julia Leonardo, Controller
Shagbark Lumber & Farm Supplies, Inc.
East Haddam, CT 06423

Re: CSC Petition NO. 1215
Proposed Solar Generation Facility
Shagbark Lumber and Farm Supply Property
21 Mount Parnassus Road, East Haddam

Dear Ms. Leonardo,

In a letter to attorney Jezek dated March 4, 2016, the Connecticut Sighting Council (CSC) requested that the Development and Management Plan being prepared for the project include a vernal pool survey. I have completed that survey, and the results are provided herein:

Davison Environmental, LLC submitted a *Natural Resource Assessment* in support of Petition 1215. That report was based on field surveys conducted during the winter, a period in which vernal pools cannot be definitively identified. One potential vernal pool was identified based on the presence of hydrology suitable to support vernal pool wildlife. That potential vernal pool was an impounded pond located within Succor Brook as illustrated on the *Vernal Pool Analysis Map* (Figure 5). For reference, I have attached a copy of that map to this letter.

A site visit was conducted on March 31st to search site wetlands for vernal pools. This work included inspection of the previously identified potential vernal pool as well as all other wetlands located adjacent to the project area. Survey methods including visual, audial and dip-net surveys. The primary method of vernal pool identification was to search for egg masses of vernal pool amphibians.

A total of six (6) spotted salamander (*Ambystoma maculatum*) egg masses were observed on the site. The spotted salamander is a vernal pool indicator species. These egg masses were located at the approximate location (within 100ft) of the previously identified vernal pool as shown on the *Vernal Pool Analysis Map*. However, this area, which was previously impounded by a beaver dam, had breached and therefore the extent of open water was limited to a very narrow backwater area near a smaller upstream beaver dam. The egg masses observed were located in the margins of Succor Brook with this narrow backwater. This breeding site does not represent a true vernal pool due to the fact that breeding is occurring within the margins of a perennial stream. While it is not uncommon to see eggs deposited in the margins of large streams and rivers, survivorship is low under such dynamic flow conditions.

The likely source population for this marginal breeding area is the large wetland along Daniels Road to the northeast which likely supports a large population of vernal pool amphibians. Due to the proximity of this streamside area to this source population, it is not uncommon for individuals to attempt to colonize nearby open water habitats, however marginal they may be. Two other non-indicator species, the spring peeper (*Pseudacris crucifer*) and green frog (*Lithobates clamitans*), were observed on the site.

No other wetlands on the site were found to support vernal pool species. These findings affirm my previous findings, that no significant vernal pool habitat is located in the vicinity of the project area. Therefore, the project will not have a negative impact on vernal pool wildlife.

If you have any questions regarding my findings please feel free to contact me.

Respectfully submitted,



Eric Davison
Davison Environmental, LLC
Certified Professional Wetland Scientist
Registered Soil Scientist

Attachments: *Figure 5 - Vernal Pool Analysis Map*

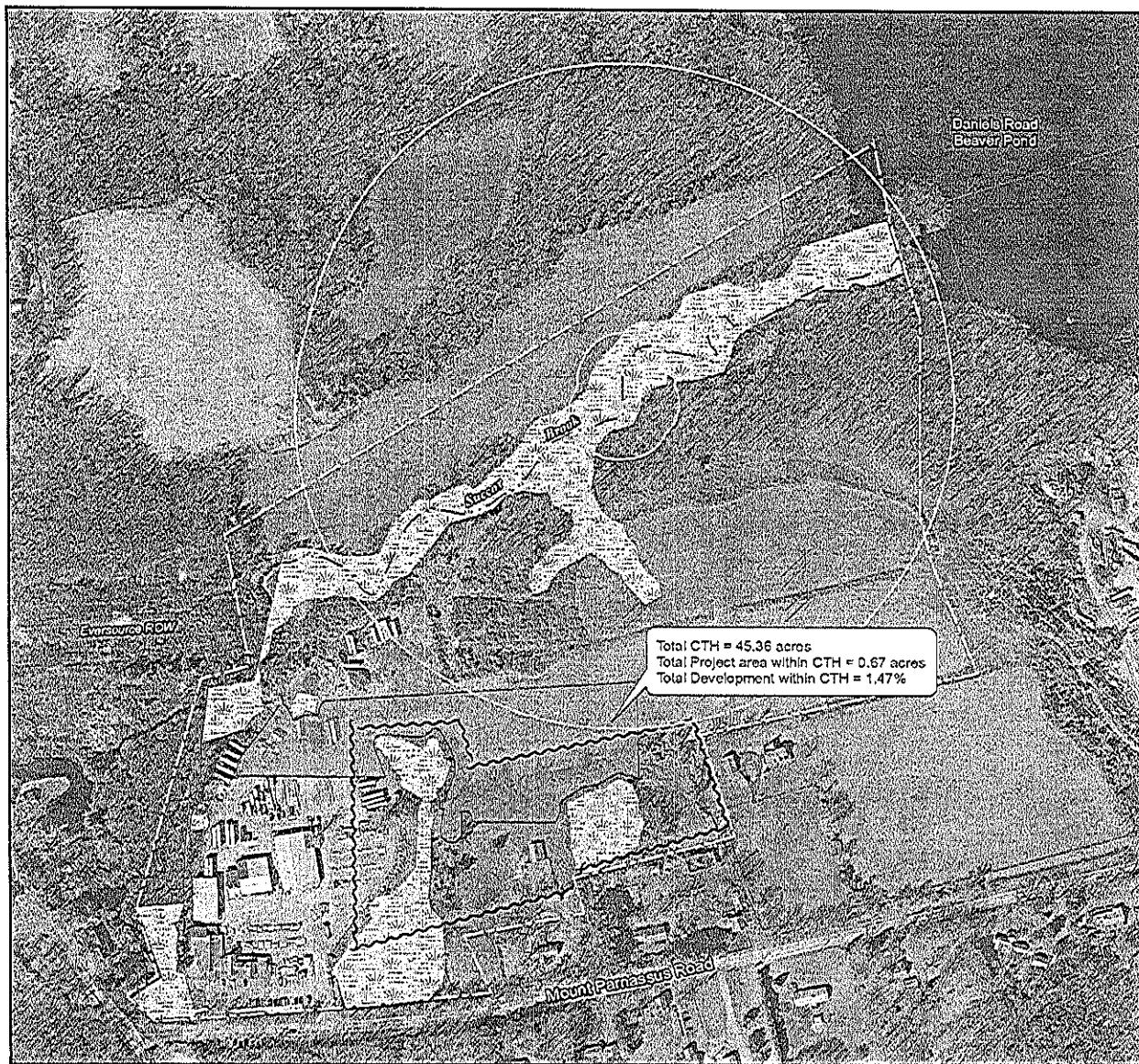


FIGURE 5
 Vernal Pool Analysis Map
 21 Mount Parnassus Road
 East Haddam, CT

Legend

- Property Boundary
- Study Area Boundary
- Potential Vernal Pool
- Vernal Pool Conservation Zones
 100 foot and 100-750 foot
- Wetlands

Project Area

- Limits of Clearing
- Limits of Construction

Map Description

The location and extent of features illustrated are approximate only. This map is intended for illustrative purposes only. It contains no authoritative data.

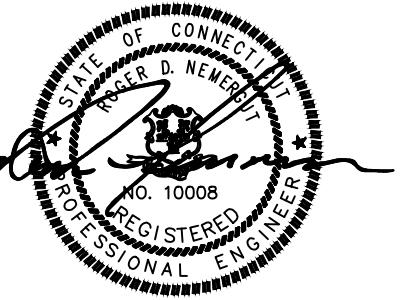
SCALE

0 175 350 Feet

N

DAVISON Environmental, LLC
 10 Maple Street
 Chester, CT 06412
 860-803-0938





ROGER D. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 10008

JASON A. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 26088

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LATEST APPROVED DESIGN
PLANS.

Site Plan - Proposed Solar Generation Facility

SHAGBARK LUMBER AND FARM SUPPLIES
21 MT PARNASSUS ROAD
EAST HADDAM CONNECTICUT
MAP: 27 LOT: 91

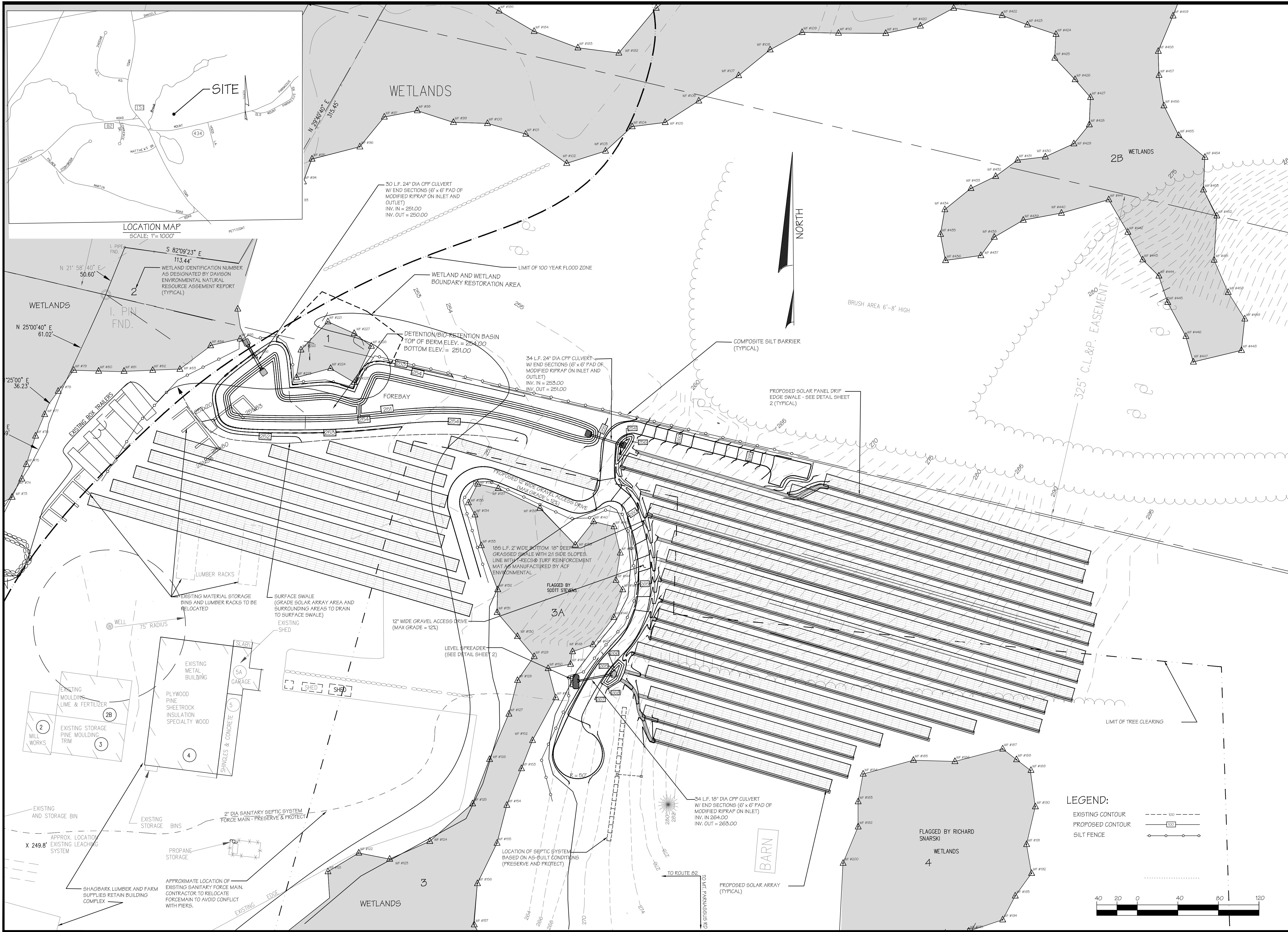
DATE: 1/5/16
DRAWN BY: J.A.N.
CHECKED BY: R.D.N.
CALE: 1" = 40'

AD FILE: 423-15-06

1.	DATE	REVISIONS
	5/24/16	ARRAY LAYOUT

155

1 ⚡ 2



ROGER D. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 10008
JASON A. NEMERGUT
PROFESSIONAL ENGINEER
LIC. NO. 26088

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OBTAINED THE
ENGINEER TO VERIFY THAT THEY
ARE IN POSSESSION OF THE
LATEST APPROVED DESIGN
PLANS.

SHAGBARK LUMBER AND FARM SUPPLIES
21 MT PARNASSUS ROAD
EAST HADDAM, CONNECTICUT
MAP: 27
LOT: 91

DATE: 1/5/16
DRAWN BY: J.A.N.
CHECKED BY: R.D.N.
SCALE: AS NOTED

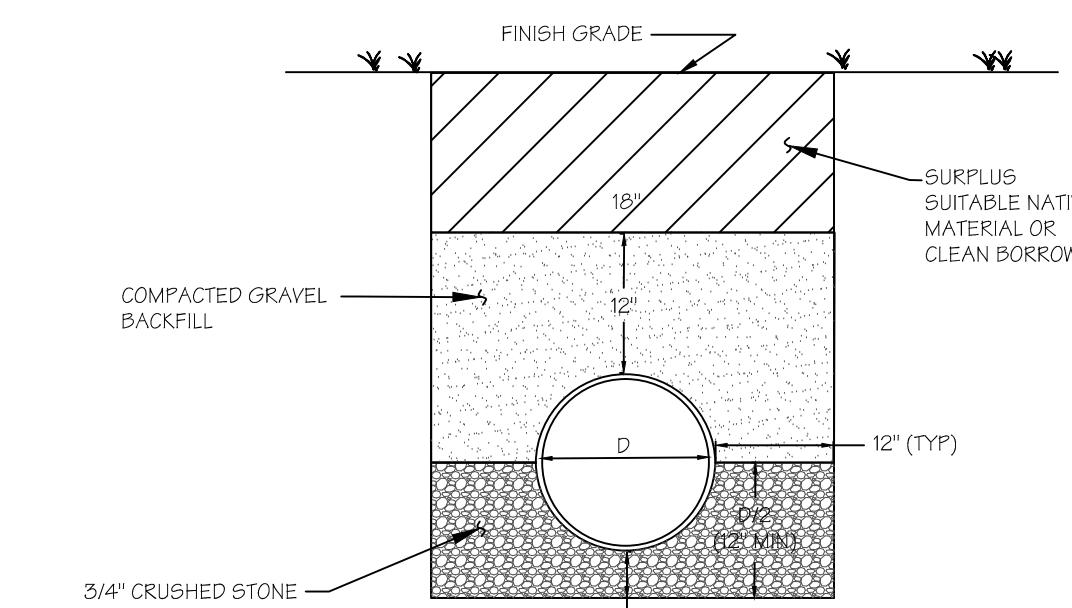
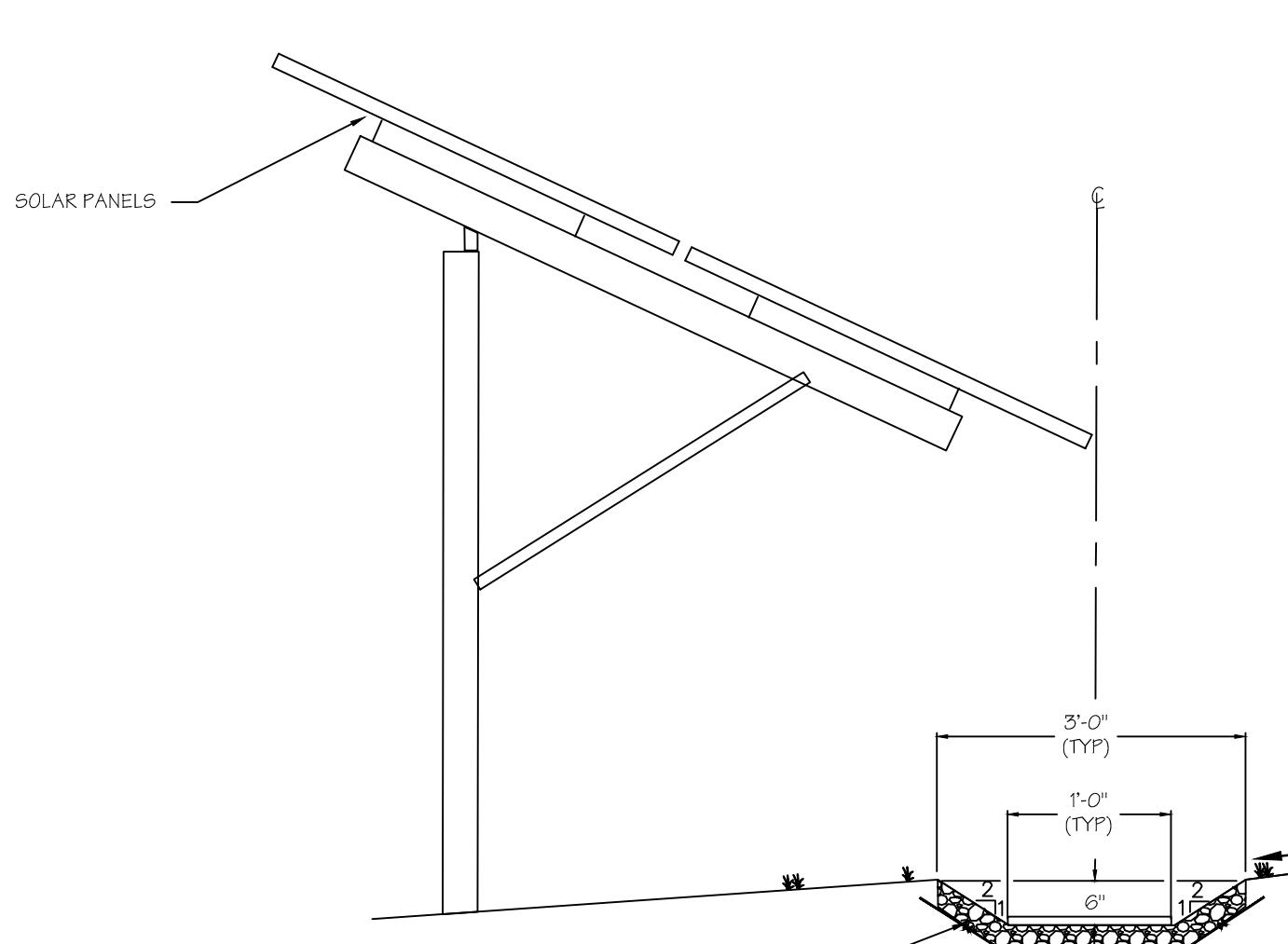
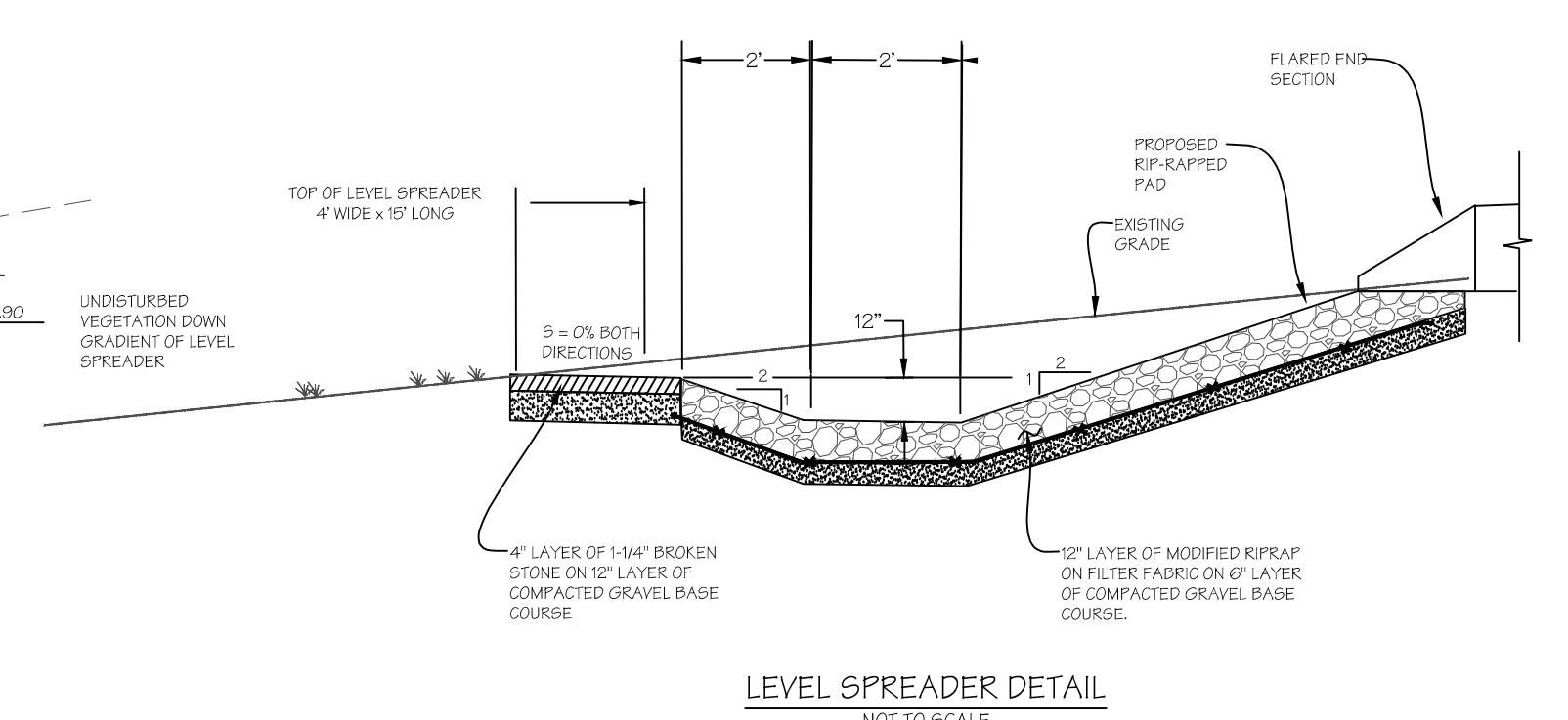
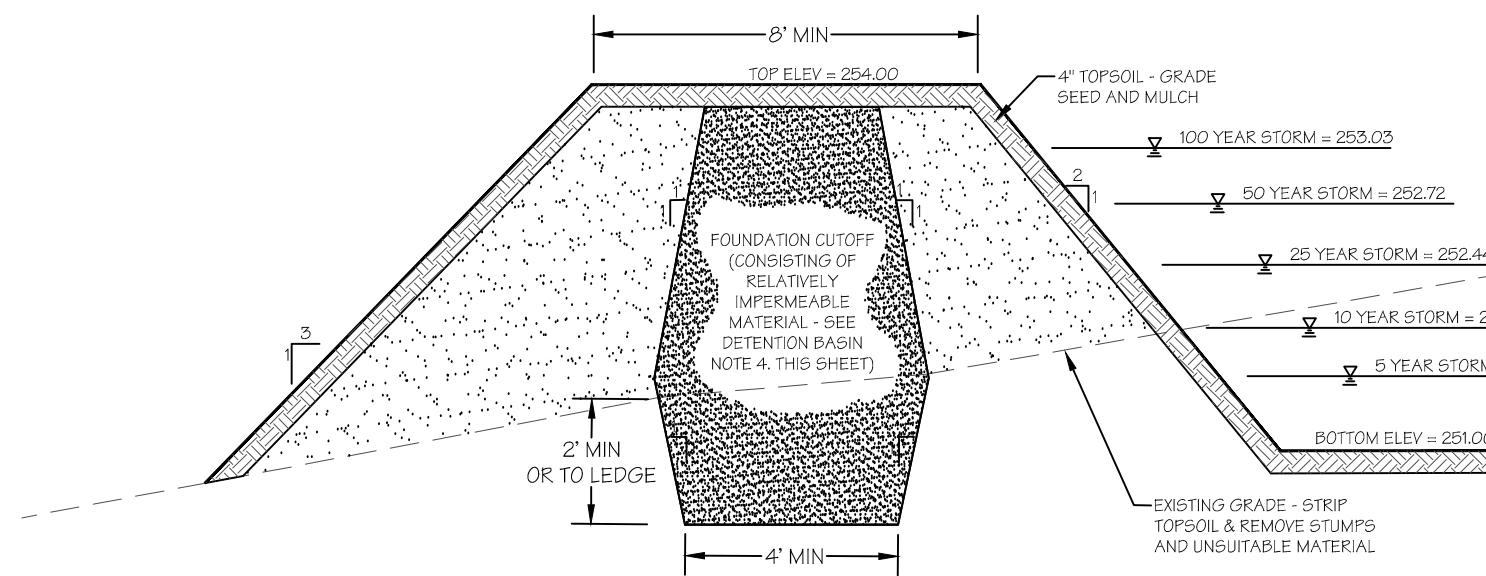
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NO. DATE REVISIONS

1 5/24/16 DRAINAGE COMPS

SHEET

2 OF 2



TYPICAL TRENCH SECTION
NOT TO SCALE

BIORETENTION/DETENTION BASIN CONSTRUCTION NOTES

EMBANKMENT FILL NOTES:

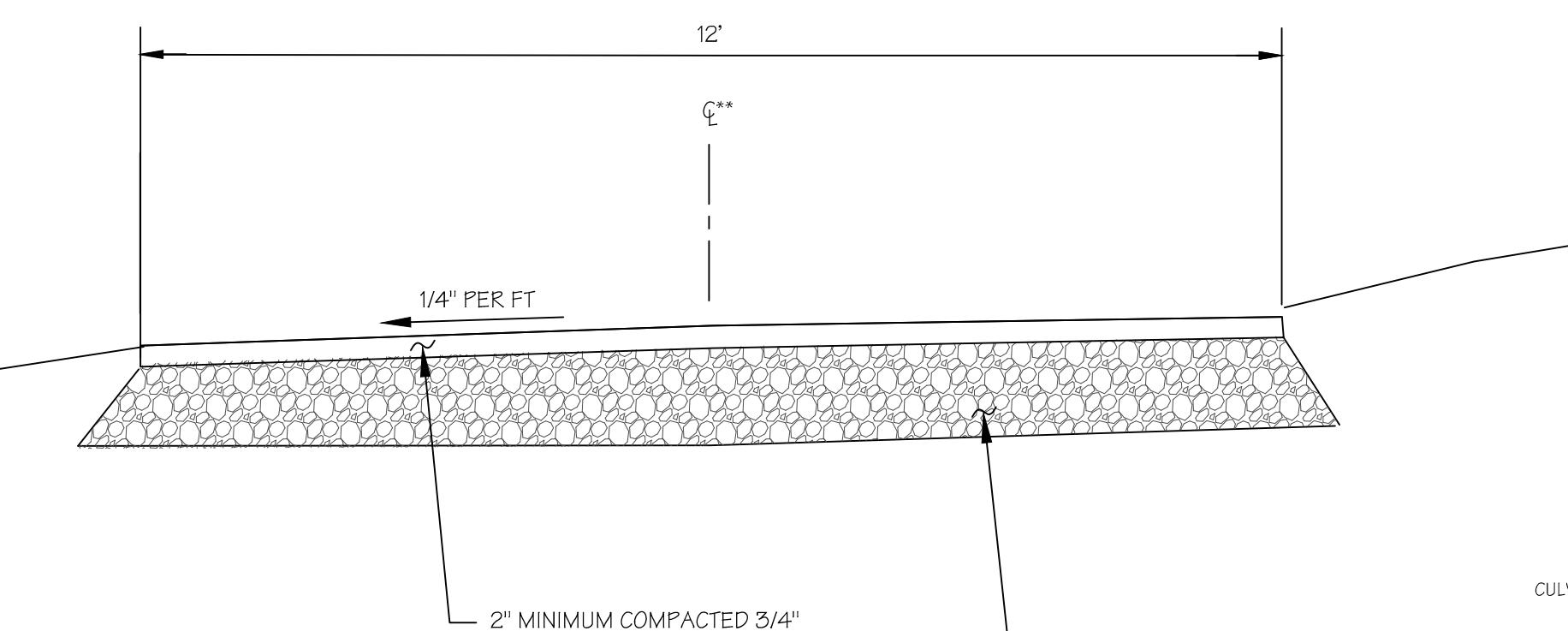
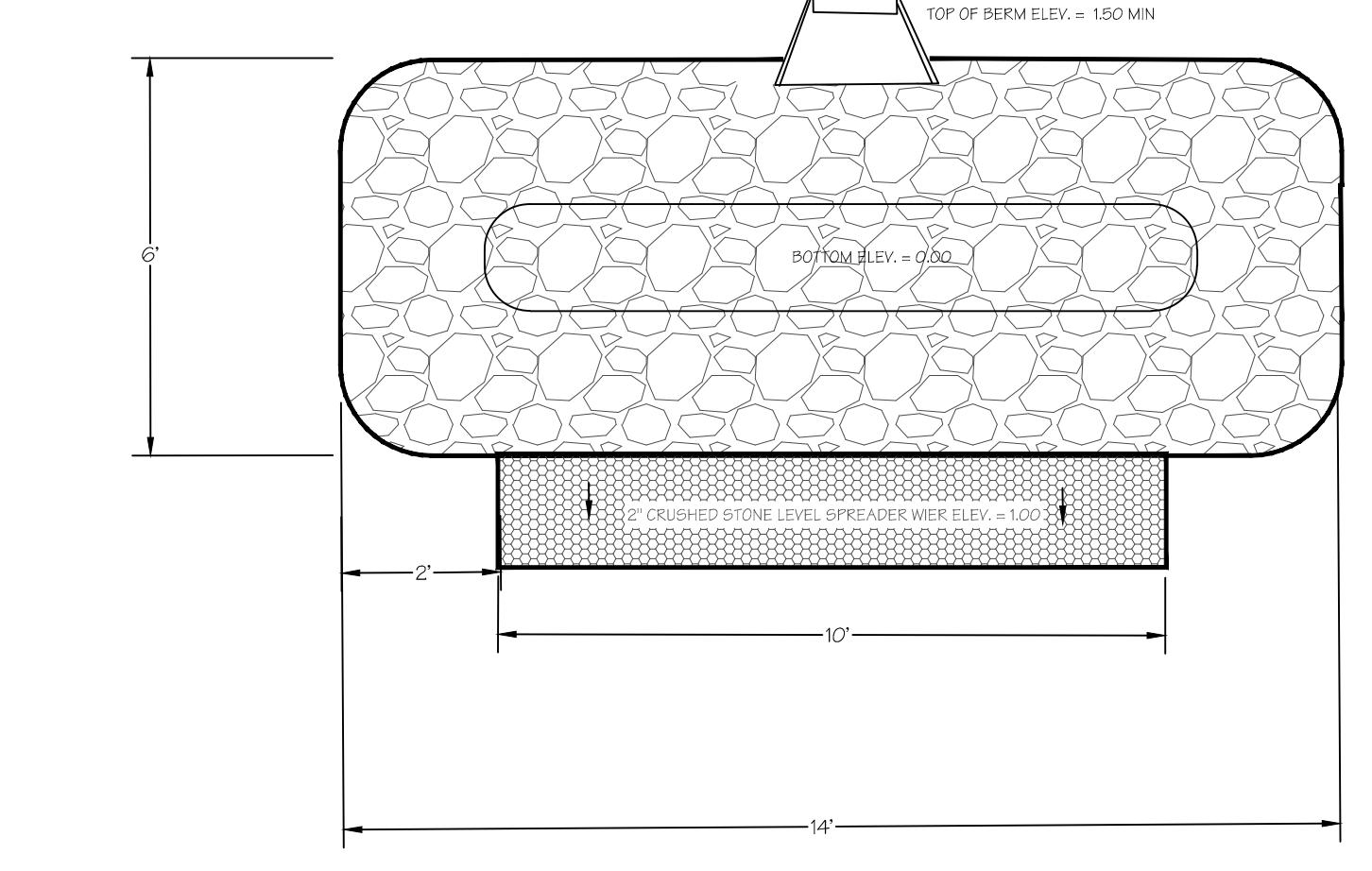
1. DETENTION BASIN EMBANKMENT FILL MATERIAL SHALL BE CLEAN MINERAL SOIL, FREE OF ROOTS, WOODY VEGETATION, STUMPS, GOD, OVERRSIZED (GREATER THAN 6") STONES, ROCKS OR OTHER ORGANIC YIELDING OR UNSUITABLE MATERIAL. RECOMMENDED FILL MATERIAL CONTAINS PARTICLES RANGING FROM SMALL GRAVEL OR COARSE SAND TO FINE SAND AND CLAY IN PROPORTIONS THAT ENSURE ADEQUATE COMPACTION AND PREVENT SEEPAGE AND SETTLEMENT. FILL MATERIAL SHALL CONTAIN AT LEAST 15% PASSING THE #200 SIEVE AND NOT MORE THAN 50% PASSING THE #200 SIEVE. FILL SHALL BE PLACED IN MAXIMUM 9" LIFTS.
2. CONSTRUCTION SHALL NOT TAKE PLACE DURING PERIODS WHERE TEMPERATURES ARE CONSISTENTLY BELOW 40 DEGREES FAHRENHEIT.
3. COMPACTION OF EMBANKMENT FILL SHALL BE 90-95% STANDARD PROCTOR TEST COMPACTION.
4. FOUNDATION CUTOFFS SHALL BE PROVIDED FOR ALL EMBANKMENTS. THE CUTOFF SHALL EXTEND A MINIMUM OF 2 FEET INTO ORIGINAL SOIL OR TO BEDROCK, WHICHEVER IS LESS AND SHALL EXTEND UPWARD IN THE EMBANKMENT TO THE SPILLWAY CREST ELEVATION. THE MINIMUM BOTTOM WIDTH OF THE CUTOFF SHALL BE 4 FEET. SIDE SLOPES SHALL BE 1:1 MAXIMUM. THE CUTOFF SHALL BE COMPACTION TO 90-95% COMPACTION (STANDARD PROCTOR TEST).

GRADING & PLANTING NOTES

1. WETLAND SCIENTIST ERIC DAVISON OF DAVISON ENVIRONMENTAL, LLC (860-803-0936) WILL OVERSEE THIS WORK. ERIC DAVISON WILL BE NOTIFIED A MINIMUM OF SEVEN (7) BUSINESS DAYS PRIOR TO THE START OF WORK (INCLUDING EXCAVATION AND GRADING, SOIL TRANSFER AND PLANTING) TO MONITOR AND OVERSEE IMPLEMENTATION.
2. AS WETLAND 1 CONSISTS OF SHALLOW FILL/DISTURBED SOIL MATERIAL OVERLYING ORIGINAL WETLAND SOILS, EXCAVATION WILL CONSIST OF REMOVAL OF FILL MATERIAL UNTIL THE UNDERLYING NATIVE WETLAND SOIL IS EXPOSED. MINOR MODIFICATIONS TO THIS GRADING PLAN MAY BE MADE IN THE FIELD BY THE WETLAND SCIENTIST IN RESPONSE TO SUBSURFACE HYDROLOGIC CONDITIONS. THE SUPERVISING WETLAND SCIENTIST WILL INSPECT THE SUB-GRADE TO ENSURE THAT THE PROPER HYDROLOGY HAS BEEN ESTABLISHED. AREAS NOT FOUND TO CONTAIN UNDERLYING NATIVE HYDRIC SOILS WILL BE SUPPLEMENTED WITH PREPARED TOPSOIL AS DESCRIBED IN NOTE #4 BELOW.
3. WETLAND 1 AND THE BUFFER RESTORATION AREA SHALL BE CLEARED OF ALL MATERIAL STOCKPILES, DEBRIS AND STORED EQUIPMENT PRIOR TO THE START OF WORK.
4. THE BIORETENTION BASIN BOTTOM SOIL MIX SHALL CONSIST OF 50-60% SAND, 20-30% TOPSOIL, AND 20-30% WELL AGED COMPOST (AT LEAST ONE YEAR) OR PEAT MOSS. THIS SOIL MIX SHALL BE A MINIMUM OF 12 INCHES DEEP.
5. COMPACTION OF THE BASIN BOTTOM DURING FINAL GRADING SHALL BE MINIMIZED TO THE MAXIMUM EXTENT FEASIBLE BY THE USE OF EXCAVATION HOES, LIGHT EQUIPMENT WITH TURF TYPE TIRES, OR WIDE TRACK EQUIPMENT. ALLOW THE SOIL MIXTURE TO SETTLE NATURALLY THROUGH RAIN EVENTS OR PRESOAK AFTER PLACEMENT.
6. PLANT THE BASIN AND RESTORATION AREA PER THE TABLE BELOW. THE SEED MIXES ARE A PRODUCT OF NEW ENGLAND PLANTS, INC. AMHERST, MA (WWW.NEWPLANTS.COM) AND SHOULD BE INSTALLED PER THE MANUFACTURERS RECOMMENDED SPECIFICATIONS (SEE SPEC SHEETS ATTACHED). THE SEEDING AREAS SHOULD BE CONTOUR SO AS TO BLEND INTO A SINGLE VEGETATED UNIT INCLUDED THE BASIN AND THE RESTORATION AREA.

SEEDING LOCATION	SEED MIX	SEEDING RATE
BIORETENTION BASIN AND WETLAND 1	NEW ENGLAND WETMIX*	2,500 S.F. / LB
BIORETENTION BASIN SIDE SLOPES AND WETLAND 1 BUFFER RESTORATION AREA	NEW ENGLAND CONSERVATION* AND WILDLIFE MIX	1,750 S.F. / LB

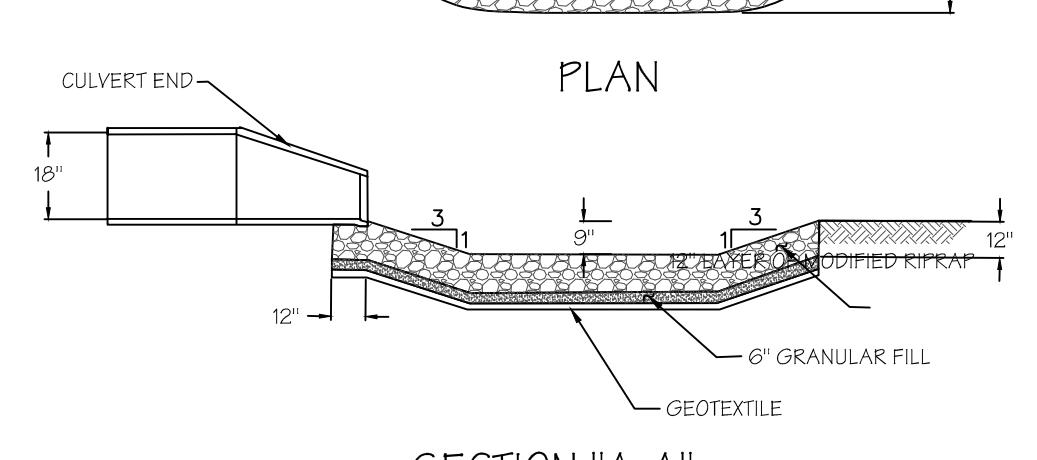
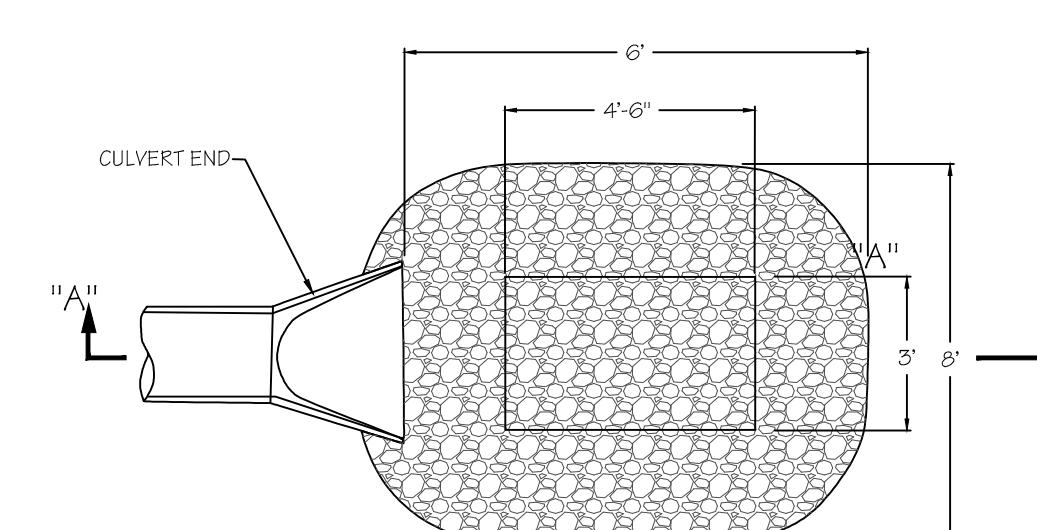
* SEE APPENDIX F OF DAVISON ENVIRONMENTAL NATURAL RESOURCE ASSESSMENT REPORT FOR SEED MIX SPECIFICATIONS



COMPOSITE SEDIMENT BARRIER FILTER FABRIC & "FILTREXX" SOXX DETAIL

FILTREXX SOXX NOTES:

1. ALL MATERIAL TO MEET "FILTREXX" SPECIFICATIONS.
2. FILTER MEDIA FILL BE MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE AS DETERMINED BY ENGINEER.



CULVERT END PROTECTION DETAIL
NOT TO SCALE

ELEVATION
CHECK DAM DETAIL
(GRASSED SWALE)
NOT TO SCALE

SECTION

NOT: KEY STONE INTO THE SWALE BANKS AND EXTEND INTO THE ABUTMENTS A MINIMUM OF 18" TO PREVENT FLOW FROM PLANKING

FLOW LINE

CT. DOT NO. 3 STONE (CRUSHED)

NOTE: SPACE CHECK DAMS 50' O.C.

GRADE TO DRAIN

T-RECO® TURF REINFORCEMENT MAT AS MANUFACTURED BY ACF ENVIRONMENTAL WWW.ACFENVIRONMENTAL.COM

GRADE TO DRAIN

4" LAYER OF TOPSOIL AND SEED

6" LAYER OF COMPACTED GRAVEL

NOTES:

1. SEEDING SHOULD BE DONE PRIOR TO PLACEMENT OF TURF REINFORCING MAT
2. TURF REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.

GRADE TO DRAIN

NOT TO SCALE

GRADE TO DRAIN

NOTES:

1. SEEDING SHOULD BE DONE PRIOR TO PLACEMENT OF TURF REINFORCING MAT
2. TURF REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.

GRADE TO DRAIN

NOT TO SCALE

</



March 31, 2016

Ms. Natalie Castro
 Purepoint Energy, LLC
 28 Knight Street
 Norwalk, CT 06851

Subject: Solar Farm Development
 21 Mount Parnassus Road
 East Haddam, Connecticut

Dear Ms. Castro:

The State Historic Preservation Office (SHPO) has reviewed your request for information concerning the potential effects to historic properties associated with the referenced project. SHPO understands that the proposed solar voltaic facility will entail the construction of 16 arrays, 4 carports, and ancillary facilities (e.g. access road) within an area encompassing approximately 4 acres. The proposed activities are under the jurisdiction of the Connecticut Siting Council and is subject to review by this office pursuant to the Connecticut Environmental Policy Act (CEPA).

SHPO notes that the project parcel is situated within a gently rolling section of Salisbury comprised primarily of agricultural fields. Although no properties listed on the National Register of Historic Places have been documented within or immediately adjacent to the project parcels, several archeological sites have been recorded in the region surrounding the project site. The project area is situated on well-drained soils surrounded by wetlands and unnamed streams. This type of environmental setting tends to be associated with pre-contact Native American settlement. We are therefore requesting that a professional cultural resources assessment and reconnaissance survey be completed prior to construction. SHPO acknowledges that portions of the property have been subjected to substantial prior ground disturbances. Not all areas of the proposed solar field are archeologically sensitive, but it is SHPO's opinion that intact and relatively well-drained soils within portions of the Area of Potential Effect have an elevated potential to contain significant archeological resources. Subsurface testing should assess all areas of anticipated ground disturbance that are considered to have a moderate/high sensitivity for containing significant archeological deposits, unless sufficient research or fieldwork documents that this level of effort is unwarranted. All work should be in compliance with our *Environmental Review Primer for Connecticut's Archaeological Resources* and no construction or other project-related ground disturbance should be initiated until SHPO has had an opportunity to review and comment upon the requested survey. A list of qualified consultants is attached for your convenience.

This office appreciates the opportunity to review and comment upon this project. These comments are provided in accordance with the Connecticut Environmental Policy Act. For additional information, please contact me at (860) 256-2764 or catherine.labadia@ct.gov.

Sincerely,

Catherine Labadia
 Deputy State Historic Preservation Officer



TO WHOM IT MAY CONCERN

The following archaeologists, as known to us, meet the professional qualification guidelines of the National Park Service (36 CFR 61):

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Department of Economic and
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Connecticut
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This information updates and supersedes all previous material provided by the State Historic Preservation Office with respect to the identification of archaeological consultants. Further, this list has been arranged alphabetically; no preferential rating or evaluation should be inferred. The State Historic Preservation Office does not recommend, endorse, or assume responsibility for the quality of work for any individual or firm on this list, nor is there any guarantee, implicit or implied, that any work product produced by those on this list will necessarily meet federal and state requirements.

At its discretion, the State Historic Preservation Office may remove consultants from its informational list if no work has been undertaken in Connecticut over a three year period.

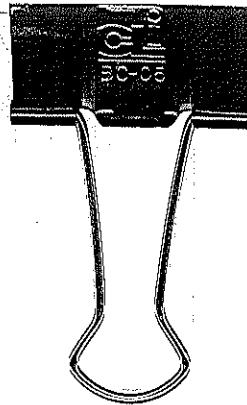
For further information please contact Catherine Labadia, Staff Archaeologist, at
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Revised 4/15

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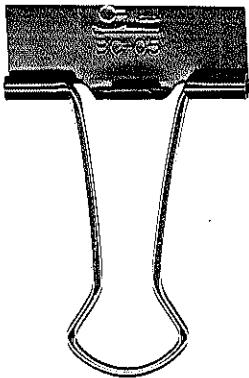


DEVELOPMENT AND MANAGEMENT PLAN
FOR PROPOSED SOLAR PHOTOVOLTAIC ELECTRIC
GENERATIVE FACILITY AT 21 MOUNT PARNASSUS ROAD,
EAST HADDAM, CONNECTICUT
BY PETITIONER
SHAGBARK LUMBER AND FARM SUPPLIES, INC.
(PETITION NO. 1215)

JUNE 1, 2016

For Jim Ventres

Nancyh received a full
copy of this Development + Management
Plan on June 1, 2016.



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JUNE 1, 2016

For Mark Walter

Mark Walter received a full
copy of the Development + Management
Plan on June 1, 2016.