

Steve Parretti, Chairman
LEICESTER CONSERVATION COMMISSION
3 Washburn Square
Leicester, Massachusetts 01524

RECEIVED

APR 18 2017

April 14, 2017

RE: Request for Amended Order of Conditions
DEP File #197-0596
Boutilier Road

Town of Leicester
Development & Inspectional Services

Dear Mr. Parretti,

On behalf of our client ZPT Energy Solutions, Hannigan Engineering, Inc. is submitting this request for an Amended Order of Conditions (DEP File #197-0596), issued by the Conservation Commission for the construction of solar energy array off of Boutilier Road in Leicester, Massachusetts. It is the intent of the applicant to perform trimming and select cutting of trees within the "No Disturbance Zone" per the Leicester Wetland Protection Bylaws.

Since the approval of the project under the original Order of Conditions, the general layout of the solar panels have been rearranged due to changes in solar module type and further studies of the shading characteristics of the land, all while maintaining the approved limits of disturbance. In order to further improve the efficiency of the solar array, it is requested that the Commission allow for additional work to be performed beyond the limits of disturbance for the implementation of a Shade Buffer within the No Disturbance Zone. The Shade Buffer will include the cutting of all trees larger than 12-inches in diameter and all evergreen species within the areas. These trees will be cut to grade and the stumps will remain to maintain slope stability. All trees smaller than 12-inches will cut to a height of 5-feet. No trees within the resource areas will be cut as part of this additional work.

In addition to the initial implementation of the Shade Buffer, a regular maintenance schedule is also proposed to allow for the continued use of the Shade Buffer. It is proposed that every five (5) years maintenance crews will enter the Shade Buffer with hand tools and chainsaws to cut trees to a height of 5-feet, there will be no heavy equipment used as part of this maintenance. Once the area is trimmed select slash material will be scattered over the area to provide additional wildlife habitat enhancement.

The applicant is requesting that the Commission Amend the existing Order of Conditions to allow for the implementation of a Shade Buffer and its corresponding maintenance schedule. Included with this letter is an updated plan showing the proposed Shade Buffer. Hannigan Engineering, Inc. hopes this information is sufficient for your needs at this time. Should you have any questions regarding this matter, please do not hesitate to contact me at the office.

Sincerely,
HANNIGAN ENGINEERING, INC.



Christopher M. Anderson, EIT
Project Engineer



William D. Hannigan, PE
President

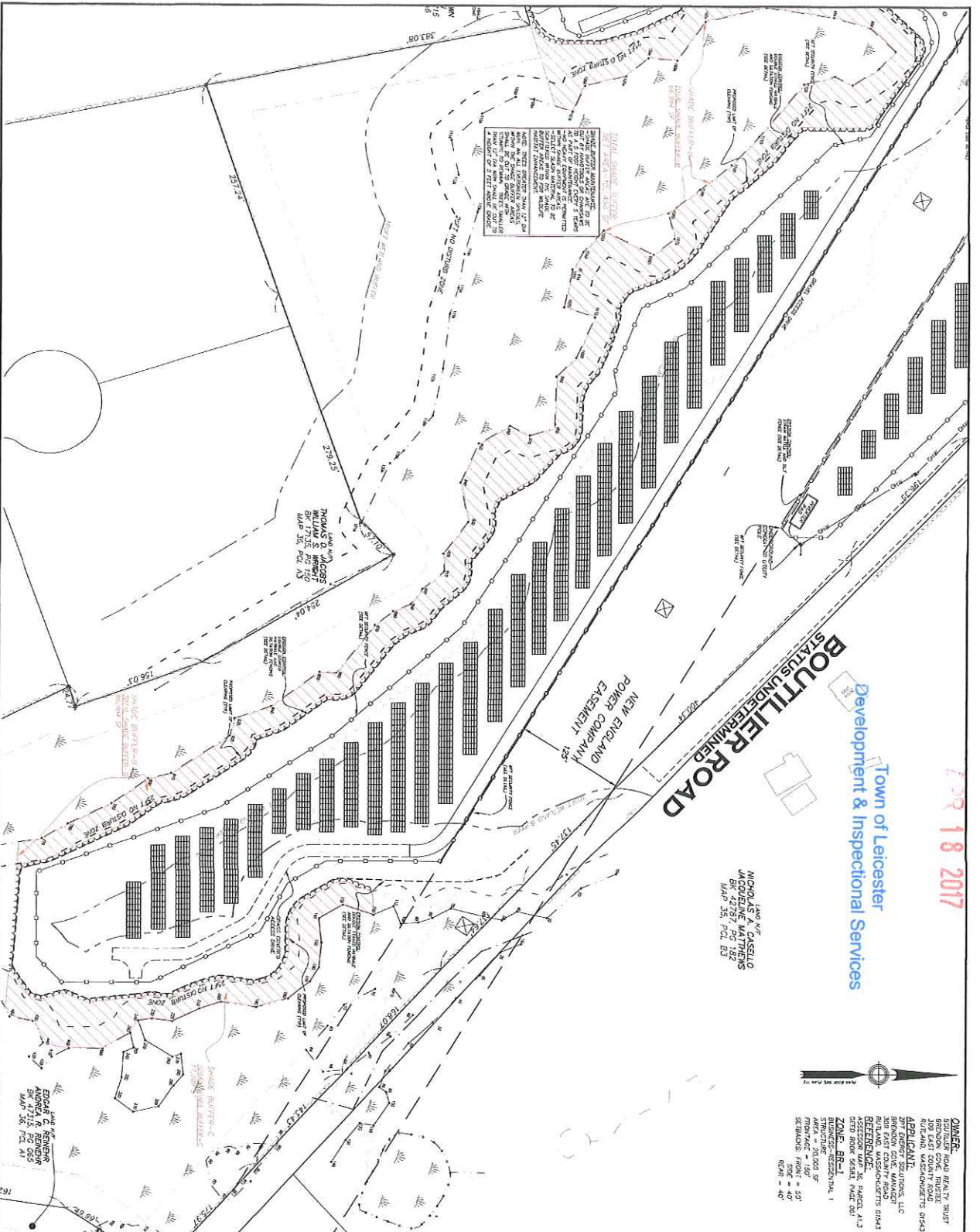
PC: Brendon Gove
Ernie Mello

18 2017

STATUS UNDERLINED

BOUTLIER ROAD

NICHOLAS A. CASELLO
JACQUELINE MATTHEWS
BK 42787, PG 182
MAP 35, PCL B3



26/A1.3
2502/D31
150.67 FT (STAFFORD STREET)

PROPERTY ADDRESS	ZONING INFORMATION	BUSINESS INFORMATION
3905 ADELYN		
DENVER DISTRICT		
COUNCILMANIC REQUIREMENTS		
APPROVAL AREA		25,000 SQ
MINIMUM FRONTAGE		750 FEET
MINIMUM SETBACK		
FLOOR LOAD		50 FT
SITE YARD		42 FT

GENERAL NOTES:

1. PROPERTY LINE INFORMATION BASED DEEDS AND PLANS FOR THE PROPOSED DEVELOPMENT ARE SHOWN ON THIS PROJECT.

2. ALL APPLICANTS MUST OBTAIN A COPY OF THE DEEDS AND PLANS FROM THE RECORDING OFFICE BEFORE SUBMITTING TO THE COMMISSION UNDER GSA FIELD-0971.

3. LOCATIONS OF ALL UTILITIES ARE INDICATED AS SHOWN ON THE PLANS.

PLAN 1860 42 FT

A NOTICE TO RECONSTRUCTORS SHOWN ON THIS PLAN AND THE CONTRACTOR OF ANY OTHER RECONSTRUCTIONS WHICH ARE BEING CONSIDERED FOR FEDERAL ASSISTANCE TO WHICH THE E

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN IN OTHERWISE IN CONNECTION WITH PROVISIONS OF THE AMERICAN OVERSIGHT ACT OF 1974, AND/OR IN CONNECTION TO EXISTING U.S. LAWS, REGULATIONS, AND/OR POLICIES. ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN IN OTHERWISE IN CONNECTION WITH PROVISIONS OF THE AMERICAN OVERSIGHT ACT OF 1974, AND/OR IN CONNECTION TO EXISTING U.S. LAWS, REGULATIONS, AND/OR POLICIES.

ANY MATERIALS SPECIFIED ON-SLIP, WHICH ARE NOT LISTED IN THE PROJECT AS SHOWN ON THIS PLAN SHALL BE REVIEWED BY THE ARCHITECT AND APPROVED BY THE ARCHITECT BEFORE BEING USED. THE ARCHITECT SHALL BE NOTIFIED IN WRITING OF ANY MATERIALS TO BE USED IN THE PROJECT. THE ARCHITECT SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FOR THE USE OF ANY MATERIALS. THE ARCHITECT SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FOR THE USE OF ANY MATERIALS. THE ARCHITECT SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FOR THE USE OF ANY MATERIALS.

1. ANYONE WHOSE NAME IS ON THE LIST OF INDIVIDUALS TO BE DEPORTED OR EXCLUDED FROM THE UNITED STATES SHALL BE DEPORTED OR EXCLUDED FROM THE UNITED STATES. (18 U.S.C. 1541)

[illegible]

CONTRACTOR LICENSED BY THE TOWN OF LUDLOW

1	04/16/17	FREE THINKING NOTES
NO.	DATE	REVISIONS



HANNIGAN

ENGINEERING, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8 MONMOUTH SQUARE
LAUREL HILLS, MASSACHUSETTS 01461
(617) 335-1100
WWW.MONMOUTHENGINEERING.COM

**TREE TRIMMING & CLEARING
IN
LEICESTER, MASSACHUSETTS**

1 PROFESSIONAL CONSULTING SOLUTIONS
MICHAEL A. ADICH
215 EXECUTIVE DRIVE
MOORESTOWN, NEW JERSEY
TEL: (856) 437-6220

GRAPHIC SCALE: 1"=50'

0 10 20 30 40 50
75 100
150

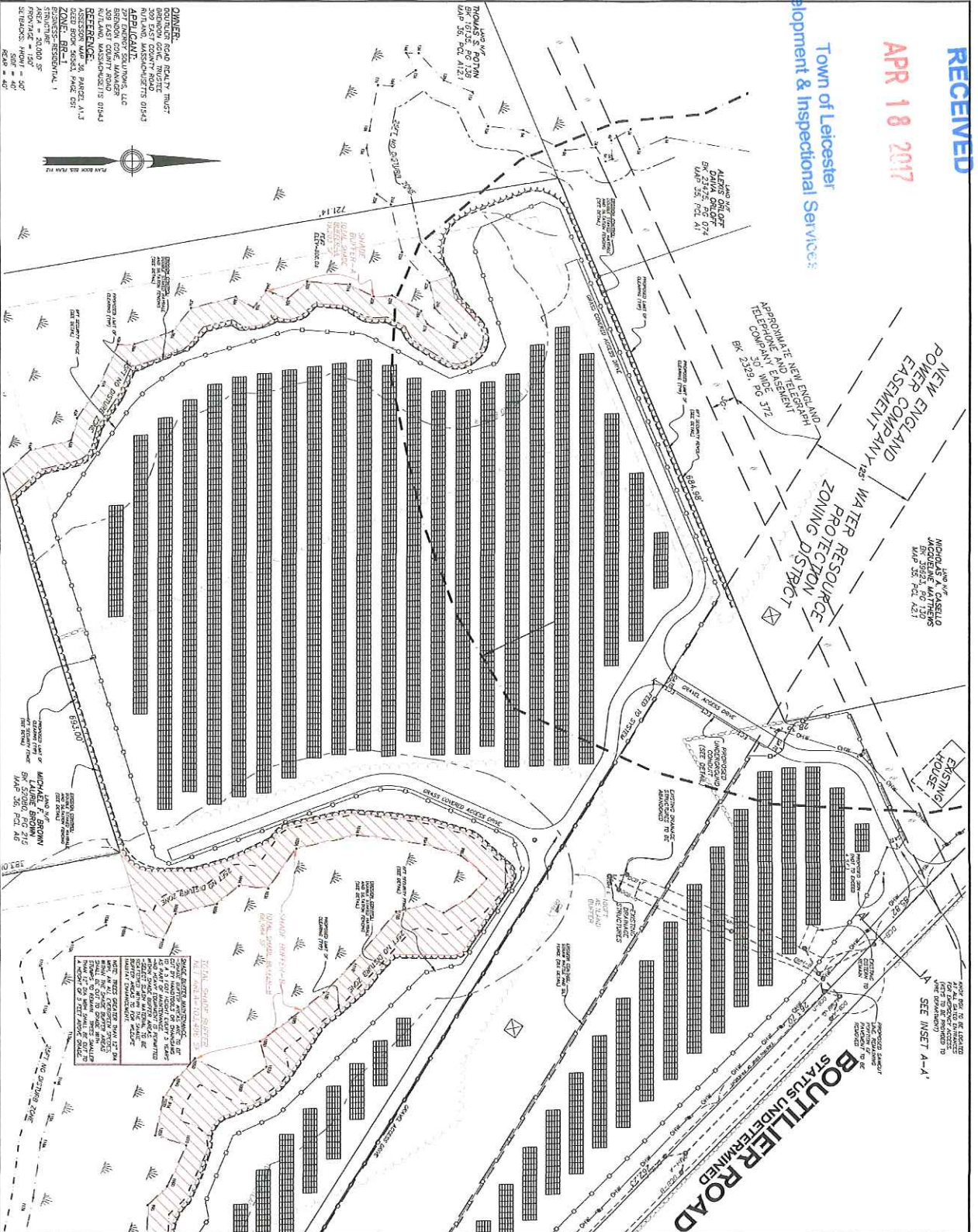
0	CALC:	CAI / MOH	DRWN:	CAI / MOH	SCALL
5	CHKD:	WCH	AFPD:	MOH	DATE
10					
15					
20					
25					
30					
35					
40					
45					
50					

TAB: 2-TREE	SHEET 2 OF 2	PLAN
-------------	--------------	------

RECEIVED

APR 18 2017

Town of Leicester
Development & Inspection Services



SEE INSET A-A

PROJECT INFORMATION

PROJECT NO. 12-22

PROJECT NAME: BOUTLIER ROAD

PROJECT LOCATION: 12-22

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN

PROJECT DATE: 4/18/17

PROJECT SCALE: 1"=50'

PROJECT DRAWN BY: J. HAN

PROJECT CHECKED BY: J. HAN