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## COMMONWEALTH OF MASSACHUSETTS

PLYMOUTH, SS. LAND COURT DEPARTMENT OF THE TRIAL COURT

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

SHARL HELLER, et al. \* Case No.: 15 MISC 000481

Plaintiffs

\*

V.

PETER CONNER, et al.,
Defendants

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

BENCH TRIAL

BEFORE THE HONORABLE KARYN F. SCHEIER

## APPEARANCES:

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> Boston, Massachusetts Room 1102 April 20, 2017

Pamela J. St. Amand Court Reporter

## KS Court Reporting

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OPENING STATEMENT for the Plaintiff		N D E X		PAGE: 158
WITNESS:	DIRECT	CROSS	REDIRECT	RECROSS
DANIEL ARTHUR PAL (By Mr. Angley) (By Ms. Byrne)	LOTTA 5	17	40	
JAMES AIDAN FOLEY (By Mr. Angley) (By Mr. Cassidy)	42	58		
WILLIAM SHAW, con (By Mr. Angley) (By Ms. Sheehan)	tinued	87	146	154
CHRISTINE SILVA (By Mr. Cassidy) (By Mr. Angley)	163	186	200	
FREDERICK COOK (By Mr. Cassidy) (By Mr. Angley)	211	224		
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]	EXHIBITS	:						Page
	43	Letter	from Jo	nn Moon	to Ply	mouth	County	23
Commissioners, dated 12/28/2009								
	44	Sand an	d Grave	l Remov	al Work	Plan	Schedule	33

- 1 | south of the solar array.
- 2 Q That's because that's where the sun comes from?
- 3 A Exactly.
- 4 Q Okay.

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- A And we've developed some methodology in section as to exactly what you have to do at different points in that 100/120 feet.
  - So you could have -- 100 feet away from the solar array you could have some relatively mature shrubbery but not full height, not a pine or an oak tree and maybe 30 feet away you would want to have -- you wouldn't want to have anything grown other than grass.
  - Q And for this particular site, the county wood lot, once the area was cleared as you described, how much sand and gravel would need to be extracted in order to put down the solar panels?
- MR. ANGLEY: Objection, your Honor.
- THE COURT: What is your objection, Mr. Angley?
- MR. ANGLEY: There's no competency. He's not an expert and it's not within the scope of the prior examination and he would have no basis to answer that question.
- 22 THE COURT: It doesn't have to be in the scope of the prior examination.
- But, Mr. Cassidy, can you set a foundation or try to?
- MR. CASSIDY: I can certainly do that, your Honor. He

- develops these projects all the time, but I'll ask him some
- 2 more questions.
- 3 BY MR. CASSIDY:
- 4 Q For a site like Raffaele Road, were you out there on the
- 5 | site during the development stages?
- 6 A Yes.
- 7 Q Do you typically go to your -- the construction sites
- 8 for both pre and during the time that the solar fields are
- 9 being installed?
- 10 A Yes. We -- I and we go very frequently.
- 11 Q Are you familiar with what needs to -- you've been in
- 12 | this business a long time, are you familiar with what needs
- 13 to happen to install a solar field like the one we see on the
- 14 screen?
- 15 A Yes.
- 16 Q So I'll ask my question again, once the trees and
- 17 | shrubbery are cleared in the county wood lot there, how much
- 18 | sand and gravel would need to be extracted in order to put up
- 19 the solar array?
- 20 MR. ANGLEY: Objection, your Honor.
- 21 THE COURT: I'm going to overrule that objection.
- 22 You can answer it if you can answer that question.
- 23 THE WITNESS: Well, I would answer the way that we don't
- 24 | necessarily need any. The -- what we look for as a solar
- 25 developer is a piece of land. So it could be -- it could be

- -- doesn't have to be any extraction.
- 2 Q So in other words, you could remove the trees and then
- 3 grade it so you got rid of the stumps and then go ahead and
- 4 install the solar panels?
- 5 A Yes. If I follow, yes.
- 6 Q And in terms of -- you mentioned the facing nature of
- 7 the solar field. In terms of topography, again I looked on
- 8 | your website, you -- is it required to be perfectly flat to
- 9 | install a solar array or can you install it on varying
- 10 topography?
- 11 A You can install it on topography that's not flat, but it
- 12 | is desirable for it to be relatively close to flat because
- 13 | you need safe and consistent access during construction and
- 14 | then also for your long-term storm water planning, it's
- 15 | better to have sites with moderate grades. A typical -- a
- 16 | grade of 5 percent would be very easy to deal with; north of
- 17 | 10 percent would be somewhat challenging.
- 18 Q And when you say "the grade," are you talking about the
- 19 grade of the entire site so it establishes which way the
- 20 | storm water will flow off it?
- 21 | A So the grade percentage is measured from percentage of
- 22 | change in height over change in vertical travel. And an area
- 23 | that is steeper, one consideration is construction
- 24 | feasibility. You need to move construction equipment around,
- 25 you need to dig trenches, you need to drive a machine around

	2 20.
1	CERTIFICATION
2	
3	I, PAMELA J. ST. AMAND, COURT REPORTER, DO HEREBY
4	CERTIFY THAT THE FOREGOING IS A TRUE AND ACCURATE TRANSCRIPT
5	FROM THE RECORD OF THE COURT PROCEEDINGS IN THE
6	ABOVE-ENTITLED MATTER.
7	I, PAMELA J. ST. AMAND, FURTHER CERTIFY THAT THE
8	FOREGOING IS IN COMPLIANCE WITH THE ADMINISTRATIVE OFFICE OF
9	THE TRIAL COURT DIRECTIVE ON TRANSCRIPT FORMAT.
10	I, PAMELA J. ST. AMAND, FURTHER CERTIFY THAT I NEITHER
11	AM COUNSEL FOR, RELATED TO, NOR EMPLOYED BY ANY OF THE
12	PARTIES TO THE ACTION IN WHICH THIS HEARING WAS TAKEN, AND
13	FURTHER THAT I AM NOT FINANCIALLY NOR OTHERWISE INTERESTED IN
14	THE OUTCOME OF THE ACTION.
15	
16	PAMELA J. ST. AMAND, CER-941
17	PROCEEDINGS RECORDED BY STENOMASK. TRANSCRIPTS PRODUCED
18	FROM COMPUTER.
19	
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