

2 MW East Campus Knoll Photovoltaic Array 2014

Cummings School of Veterinary Medicine at Tufts University
SunEdison LLC.

Grafton Planning Board
October 6, 2014

Project Introduction

- Approved as part of 2014 Amended Grafton Campus Master Plan
- Designed in accordance with Grafton Zoning By-Law, Section 9 – Campus Development Overlay
- Will provide up to 2.486 MW DC of energy directly to campus
- In conjunction with the Science Park array, will supply up to 40% of campus electric power needs

Aerial Image of Site



Project Summary

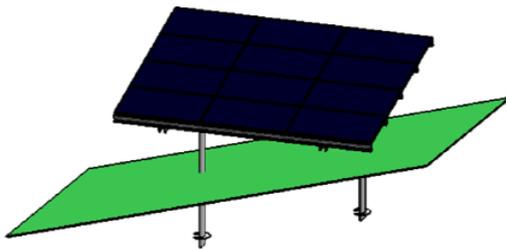
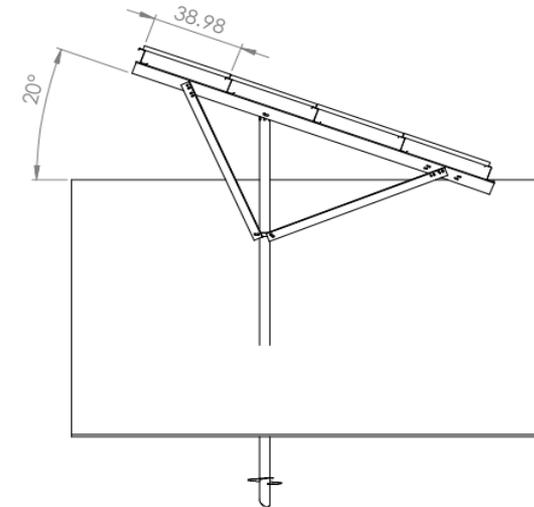
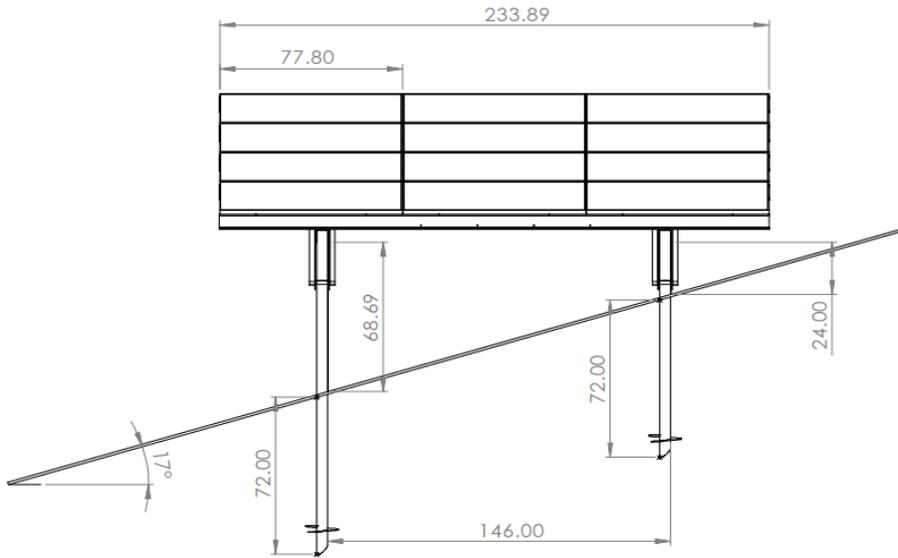
- 7,536 MEMC-M320 MBC Solar Modules
- 628 GameChange Racks in a 4x3 configuration
- Goundscrew foundations
- 4 AE 500TX Inverters
- Occupies ~ 7.19 acres
- Fire access road with turn around
- Chain link perimeter fencing
- Stormwater facilities

Site Plan



Racking Detail

SunEdison: Grafton, MA 2014-06-17
 Silvantis M330 (77.8" x 38.98" x 1.97")



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		THREE PLACE DECIMAL: $\pm .005$		COMMENTS:	
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TITLE: GCMS-HP(SunEd)	
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Zoning Summary

- Project is located with Campus Development Overlay
- Meets all applicable requirements of section 9.6
- Accessory use to main campus
- 86.6% Open Space within 1,000 ft. radius
- 0.07 FAR
- Exceeds required setbacks from Willard Road (276 ft.), Grafton/Westborough line (151 ft.), and CDO boundary (466 ft.)

Photo Visualizations