



ASD Shutesbury MA Solar LLC
 Shutesbury Road Solar Project
 Amherst, MA

Lot Coverage Calculations – Parcels 9B-11, 9B-12, and 9D-27

Lot Area – 102.48 acres per “Shutesbury Road, Record Conditions Plan” prepared by Meridian Associates, dated November 11, 2021.

Lot Areas	Area (sf)	Area (ac)
Parcel 9B-11	1,469,634.64	33.74
Parcel 9B-12	1,645,719.09	37.78
Parcel 9D-27	1,348,696.72	30.96
Total Site Area	4,464,050.44	102.48

Existing Conditions			
	Area (sf)	Area (ac)	Coverage (%)
Building Coverage	0	0	0.00
Lot Coverage			
Gravel Path	16,412	0.38	0.37

Proposed Conditions			
	Area (sf)	Area (ac)	Coverage (%)
Building Coverage			
Solar Panels	448,722	10.2893	10.0403
Utility Poles (10 poles)	10.45	0.0002	0.0002
Fence Posts (1 post per 10 linear feet = 932 posts @ 3” diameter each)	45.77	0.0011	0.0010
Total Proposed Building Coverage	448,779	10.30	10.05



Shutesbury Road Solar - Lot Coverage Calculations

Proposed Conditions			
	Area (sf)	Area (ac)	Coverage (%)
Lot Coverage			
Existing Gravel Path	16,412	0.38	0.37
Existing Gravel Path Removed	-4,350	-0.10	-0.10
Gravel Access Drive	35,781	0.82	0.80
Compacted Maintenance Path	8,062	0.19	0.18
Concrete Pad	9,600	0.22	0.22
Total Proposed Building Coverage	448,779	10.30	10.05
Total Proposed Lot Coverage	514,284	11.81	11.52