

Table 1. Summary of Estimated Annual Benefits of Parks and Protected Open Space on Long Island

Bonefit Category	Benefit Subcategory	Land Use Catagory	Nossau County	Suffelk County	
Reduced Cost	of Government Se	rvices			_
	Andticral	Perio.	\$1,000,000,000	51.7/0,000,000	57390000000
Francis	bucheut name.	Proceeded open space	\$7:100,000	5770,000,000	57,340,000,000
propertysakie	Andrical	Parks	\$15,200,000	\$25,990,000	542,100.000
	peopody as	Protected open space	\$1,030,000	\$15,100,000	5'6.103.00
Recreation and	Tourism				
Park travium	Tourist spending	Peris		Combined	\$675,000,000
value:	Sales tax on munist spending*	Feris		Combined	527,303,00
Direct .ne volue		Perio	\$691,000,000	5790,000,000	\$1,480,000,00
turium reality	o luro	Perio	\$73300,000	\$0,0000	\$150,000,000
Agriculture Ind	untry				
Agricutural	Sales of agricultural products	Agrodised lends	Not welledo	25800000	\$760,000,00
value			Not are leafe	\$10,000,000	590,000,00
Government C	ost Savings				
Drink-g water (protection	Paris and open space		costs for profeste en times, essither	
		Paris	\$1,580,000	\$15,500,000	518/00.000
Sicinterior (ob	retion entac	Protected open space	\$171,000	\$5,330,003	\$3,303,000
		Peris	\$1,380,000	\$14,800,000	516,200.000
A r pollation res	rosal va se	Provided open space	57/5/000	\$2,500,000	\$5,670,00
Summary			60		
		Peris	\$785,000,000	5938,000,000	\$7,310,000,00
Total consus sel	ue	Proxeded open space	\$1,580,000	\$77,700,000	\$24,300,00
		Agroutural lands	Not anolesia	5278,000,000	\$372,003,00
		58	\$785,000,000	\$1,343,000,000	\$2,740,000,00

^{*} Additional property value convex be inchessed in the small broad value because it also extense became the compensar value and does with according using the behalf analyse country, with the entire approximation of the strategic shall reduce the same approximation of the strategic shall reduce the same approximation of the same

Table 6. Estimated Health Benefits of Physical Activity in Parks

Cost Description		Suffelk County
Adults Younger Than 65 Years of Age		
Average annual medical care cost difference between active and inactive persons	1250	\$270
Physically active in perio*	263,000	313,000
Supportal of health care penerits	\$66,200,000	\$76,200,00
Adults 65 Years of Age and Older		
Azorogo www.ul modical cosc cos. di Toronco-bossona activo anni linactivo presens cour fiti yesta ofizige	\$100	\$90
Hysically robs in porto"	11,750	71,00
Susteral of health are some its	\$5,890,000	\$10,500,00
Sustanda conducted	\$72,100,000	\$89,700,00
Regional multiplier	1.02	1.0
Total annual value of health benefits from parks	\$73,300,000	\$90,200,000
Total, Nassau and Suffolk Counties		5164,000,000

		Average Value per Visit	
Nassas County			
Senerti park use (objectionals, stolls, dag uclking, circleicing, string, att.)	1,2000'000	\$2.39	\$270,000,000
Sports for littles uses (varies, team scame, sloyding, naming, etc.)	91,200,000	\$430	\$36,000,000
Specie saca (Robing, speciening, fee kole, reneats, with closes, ene.)	9750,000	\$278	\$5LEX.COD
Subtotal, Nassau County			5691,000,000
Suffolk County			
Denote park our (objectionals, traft, dog selling, steakisting, sit ling, sit.)	139,500,000	\$2.37	\$329,000,000
iports facilities uses Jennie, term seura, sogding running etc.)	95,500,000	\$3.75	\$392,000,000
içece sses flalling, gerdening, festivals, cricorls, a fres kins, cic.;	2500,000	\$5.45	\$68,700,000
Subtotal, Suffolk County			5790,000,000
Total, Nassau and Suffolk Counties			51,480,000,000

Economic Benefits and Fiscal Impact of Park and Open Space in Nassau County, New York

MARCH

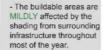


JUNE





CONCLUSION:



SHADOW STUDY

Overlaid shadow cases

The ovelies consist of the shadow condition

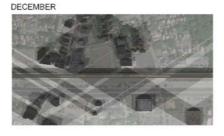
at 7am, 9am, 12pm,

3pm, and 5pm on each of the typical

season days.

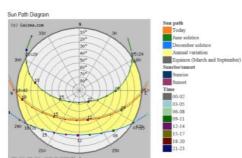
on a typical spring, Summer, fall, and winter

- On average, less than 20% of the buildable area receives shading from surrounding infrastructure during the active part of the day.



SEPTEMBER

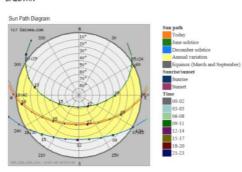
VALLEY STREAM



Solar Energy and Surface Meteorology

Variable	1	п	ш	IV	v	VI	VII	VIII	IX	X	XI	XII
Insolution, kWh/m²/day	1.79	2.66	3.66	4.44	5.21	5.70	5.65	5.00	3.98	2.89	1.89	1.57
Clearness, 0 - 1	0.45	0.49	0.49	0.47	0.48	0.49	0.50	0.50	0.45	0.47	0:43	0.44
Temperature, °C	-3.49	-1.86	2.75	9.00	15.63	20.98	23.45	22.41	18.34	11.60	5,60	-0.39
Wind speed, m/s	6.12	6.19	6.27	5.96	5.23	4.83	4.39	4.25	4.52	4.99	5.72	6.04
Precipitation, mm	84	79	95	100	99	91	98	92	85	76	96	91
Wet days, d	10.3	9.5	10.9	10.5	11.1	10.2	9.3	9.3	8.1	7.2	10.0	11.0

BALDWIN

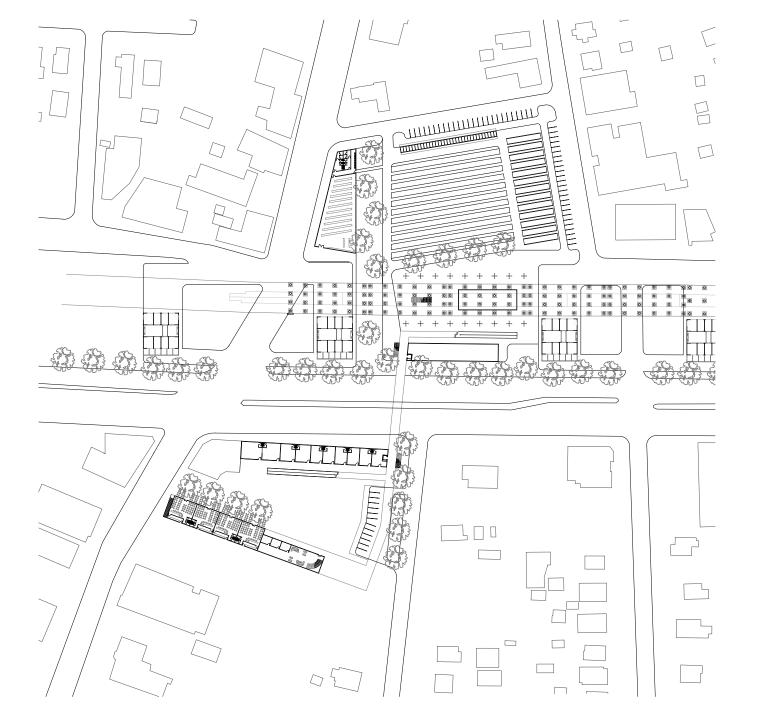


Solar Energy and Surface Meteorology

1	11	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1.79	2.66	3.66	4.44	5.21	5.70	5.65	5.00	3.98	2.89	1.89	1.5
0.45	0.49	0.49	0.47	0.45	0.49	0.50	0.50	0.48	0.47	0.43	0.4
-3.49	-1.86	2.75	9.00	15.63	20.98	23.45	22.41	18.34	11.60	5.60	-0.3
6.12	6.19	6.27	5.96	5.23	4.83	4.39	4.25	4.52	4.99	5.72	6.0
87	81	99		99	89	96	95	86	80	98	9
10.3	9.5	10.9	10.4	11.0	10.1	9.1	9.3	8.1	7.2	10.0	113
	1.79 0.45 -3.49 6.12 87	1.79 2.66 0.45 0.49 -3.49 -1.86 6.12 6.19 87 81	1.79 2.66 3.66 0.45 0.49 0.49 -3.49 -1.86 2.75 6.12 6.19 6.27 87 81 99	1.79 2.66 3.66 4.44 0.45 0.49 0.49 0.47 -3.49 -1.86 2.75 9.00 6.12 6.19 6.27 5.96 87 81 99 101	1.79 2.66 3.66 4.44 5.21 0.45 0.49 0.49 0.47 0.48 -3.49 -1.86 2.75 9.00 15.63 6.12 6.19 6.27 5.96 5.23 87 81 99 101 99	1.79 2.66 3.66 4.44 5.21 5.70 0.45 0.49 0.49 0.47 0.48 0.49 -3.49 -1.86 2.75 9.00 15.63 2038 6.12 6.19 6.27 5.96 5.23 4.83 87 81 99 101 99 89	1.79 2.66 3.66 4.44 5.21 5.70 5.65 0.45 0.49 0.49 0.47 0.48 0.49 0.50 -3.49 -1.86 2.75 9.00 15.63 70.98 23.45 6.12 6.19 6.27 5.96 5.23 4.83 4.39 87 81 99 101 99 89 96	1.79 2.66 3.66 4.44 5.21 5.70 5.65 5.00 0.45 0.49 0.49 0.47 0.48 0.49 0.50 0.50 -3.49 -1.86 2.75 9.00 15.63 2088 23.45 22.41 6.12 6.19 6.27 5.96 5.23 4.83 4.39 4.25 87 81 39 101 39 89 96 95	1.79 2.66 3.66 4.44 5.21 5.70 5.65 5.00 3.98 0.45 0.49 0.49 0.47 0.48 0.49 0.40 0.50 0.50 0.48 0.43 0.40 0.50 0.50 0.48 0.42 0.42 0.49 0.49 0.49 0.49 0.49 0.49 0.49 0.49	1.79 2.66 3.66 4.44 521 5.70 5.65 5.00 3.90 2.99 0.45 0.49 0.49 0.47 0.48 0.49 0.50 0.50 0.50 0.48 0.47 0.49 0.49 0.50 0.50 0.48 0.47 0.49 0.49 0.49 0.49 0.49 0.49 0.49 0.49	1.79 2.66 3.66 4.44 5.21 5.70 5.65 5.00 3.96 2.89 1.89 0.45 0.49 0.49 0.41 0.48 0.49 0.50 0.50 0.48 0.47 0.43 3.49 -1.86 2.75 9.00 15.63 20.98 23.45 22.41 18.34 11.60 5.60 6.12 6.19 6.27 5.96 5.23 4.83 4.39 4.25 4.52 4.99 5.72





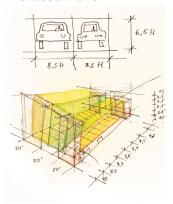


TOWARDS A NEW GREENER PARKING TYPOLOFY

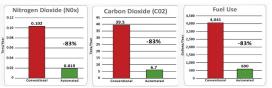
AUTOMATED PARKING

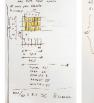


CALCULATIONS



Environmental Benefits





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Spatial Benefits

			80'x100'			
Parking 5	ystem	Automated Parking	Corwentional	Ratio		
	35"	165	63	2.6		
Height or Depth	50"	236	98	2.4		
	70"	342	138	2.5		
			100'+100'			
Length/	Wilder					
Parking 5	ystem	Parking				
	35"	204	75	2.7		
Height or Dooth	50"	290	125	2.5		
	701	418	175	2.4		
			120'+100'			
Length/	Width					
Parking System		Automated Perking	Corventional Ramp	Matio		
	35"	269	88	3.0		
Height or Depth	201	368	150	2.5		
Depth						







