

POWER TABLE									
ARRAY				MOUNT			INVERTER		
WAYLAND MIDDLE SCHOOL	# OF MODULES	MODULE TYPE	kW p STC	AZIMUTH	PITCH	TYPE	TYPE	EFFICIENCY	kW AC
ARRAY 1	264	POLY 305-72	80.52	219	12/1	CANOPY	(3) SOLECTRIA PVI-20TL	98.0%	60
ARRAY 2	154		46.97	186			(2) SOLECTRIA PVI-20TL		40
ARRAY 3	216		65.88	164			(2) SOLECTRIA PVI-20TL & (1) SOLECTRIA PVI-23TL		63
ARRAY 4	154		46.97	186			(2) SOLECTRIA PVI-20TL		40
Total	788		240.34						203

NOT FOR CONSTRUCTION

NOTES:

1.

SHADING PATTERN FOR ROOF IS CALCULATED BASED ON FEBRUARY 21. IT TAKES INTO ACCOUNT SITE LATITUDE AND LONGITUDE.

2.

SHADING FOR OBJECTS NOT IMPACTING THE PV SYSTEM IS NOT SHOWN.

3.

SHADING TAKES INTO ACCOUNT 12' OFF THE GROUND FOR HEIGHT OF CARPORT.

SCALE: 1"= 200"

DRAWN BY: AMT

CHECKED BY: LFA

DATE: 10/15/14

REVISIONS: 11/3/14 by AMT

11/17/14 by AMT

TOWN OF WAYLAND

201 MAIN STREET

WAYLAND, MA 01778

WAYLAND MIDDLE SCHOOL

240.34 kWp DC STC PV ARRAY INSTALLATION

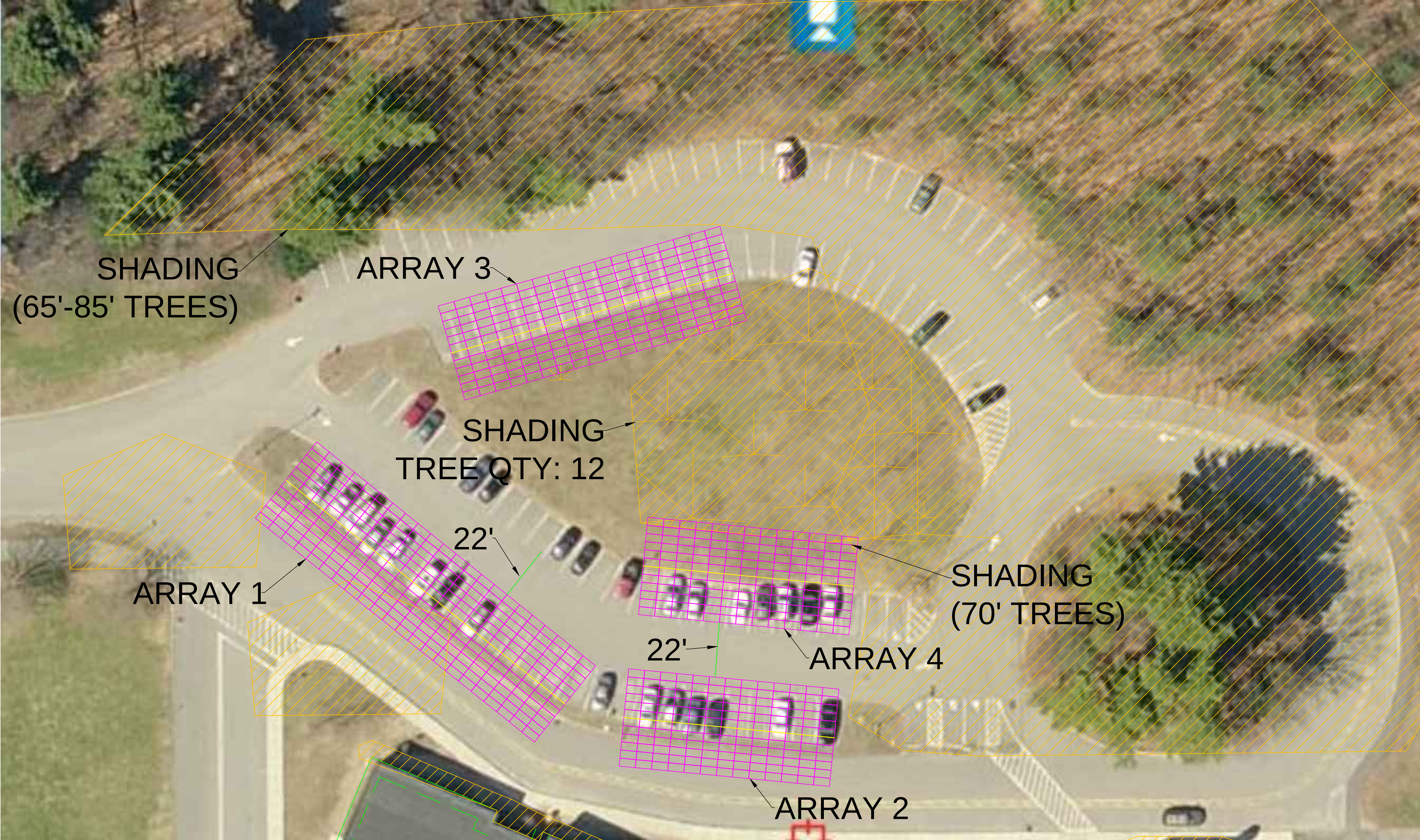
PHOTOVOLTAIC CANOPY ARRAY LAYOUT

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E-100



TOWN OF WAYLAND - WAYLAND MIDDLE SCHOOL - CANOPY ARRAY LAYOUT

SCALE: 1"= 20'-0"

