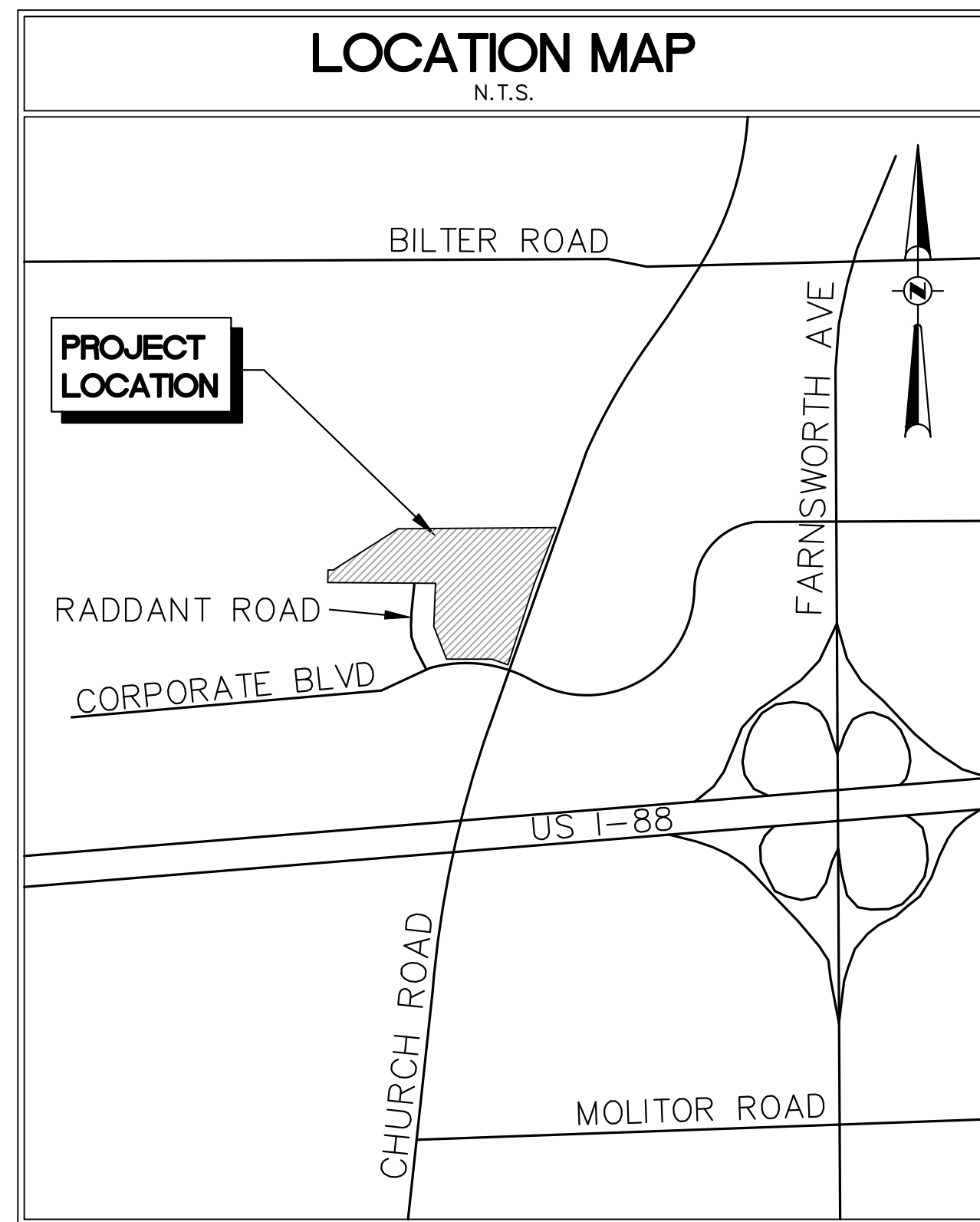
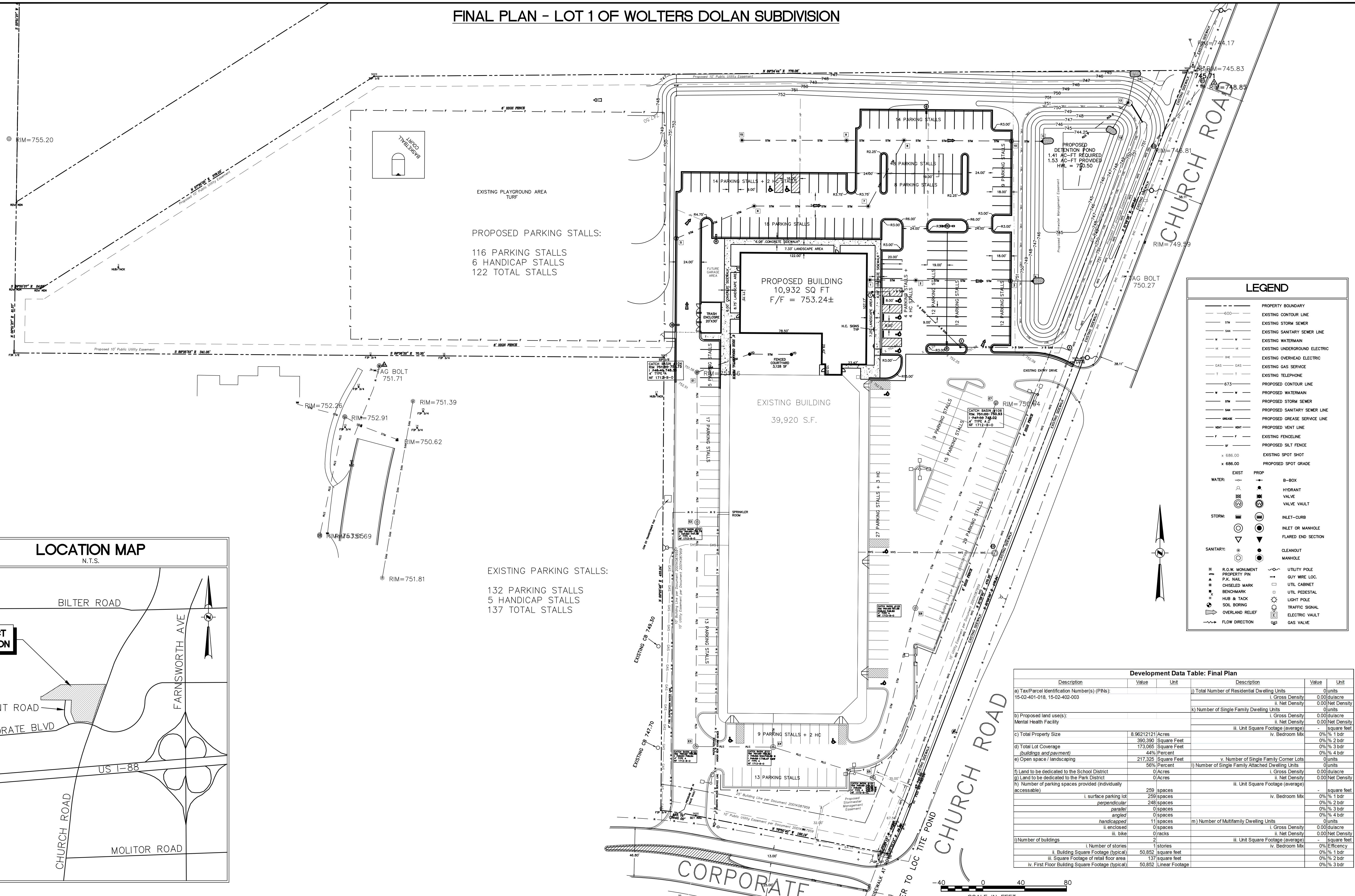


FINAL PLAN - LOT 1 OF WOLTERS DOLAN SUBDIVISION



Development Data Table: Final Plan

Description	Value	Unit	Description	Value	Unit
a) Tax/Parcel Identification Number(s) (PINs): 15-02-401-018, 15-02-402-003			j) Total Number of Residential Dwelling Units	0	Units
			i. Gross Density	0.00	du/acre
			ii. Net Density	0.00	Net Density
			k) Number of Single Family Dwelling Units	0	Units
			i. Gross Density	0.00	du/acre
			ii. Net Density	0.00	Net Density
			iii. Unit Square Footage (average)	-	square feet
b) Proposed land use(s): Mental Health Facility			iv. Bedroom Mix	0%	% 1 bdr
				0%	% 2 bdr
				0%	% 3 bdr
				0%	% 4 bdr
c) Total Property Size	8.96212121	Acres	v. Number of Single Family Corner Lots	0	Units
	390,390	Square Feet	i. Gross Density	0.00	du/acre
	173,065	Square Feet	ii. Net Density	0.00	Net Density
d) Total Lot Coverage	44%	Percent	iii. Unit Square Footage (average)	-	square feet
e) Open space / landscaping	217,325	Square Feet	iv. Bedroom Mix	0%	% 1 bdr
	56%	Percent		0%	% 2 bdr
f) Land to be dedicated to the School District	0	Acres		0%	% 3 bdr
g) Land to be dedicated to the Park District	0	Acres		0%	% 4 bdr
h) Number of parking spaces provided (individually accessible)	259	spaces	m) Number of Multifamily Dwelling Units	0	Units
	259	spaces	i. Gross Density	0.00	du/acre
i. surface parking lot	248	spaces	ii. Net Density	0.00	Net Density
perpendicular	0	spaces	iii. Unit Square Footage (average)	-	square feet
parallel	0	spaces	iv. Bedroom Mix	0%	% 1 bdr
angled	11	spaces		0%	% 2 bdr
handicapped	0	spaces		0%	% 3 bdr
ii. enclosed	0	spaces		0%	% 4 bdr
iii. bike	0	spaces	n) Number of Multifamily Dwelling Units	0	Units
	2	spaces	i. Gross Density	0.00	du/acre
	1	stories	ii. Net Density	0.00	Net Density
	50,852	square feet	iii. Unit Square Footage (average)	-	square feet
ii. Building Square Footage (typical)	137	square feet	iv. Bedroom Mix	0%	% 1 bdr
iii. Square Footage of retail floor area	50,852	Linear Footage		0%	% 2 bdr
iv. First Floor Building Square Footage (typical)	50,852	Linear Footage		0%	% 3 bdr

PHOTOMETRIC PLAN - LOT 1 OF WOLTERS DOLAN SUBDIVISION

Photometric Data Table			
Description	Value	Unit	
Total proposed external lumens	124,337	Lumens	
Total square footage of area to be illuminated.	86,636	Square Feet	
Fixture #	Description	Value	Unit
1	i) Type of Fixture (i.e. Pole, Wall Mounted)	pole mounted	
	ii) manufacturer and model number(s)	PRV-A40-D-UNV-T5-BZ	
	iii) Number of these Fixtures Shown	6	Fixtures
	v) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED	
	v) Lumen output and wattage per Fixture	15,697	Lumen/Wattage
	vi) Mounting Height / Fixture Height	20	Feet
2	i) Type of Fixture (i.e. Pole, Wall Mounted)	Wall Mounted	
	ii) manufacturer and model number(s)	XTOR3A0	
	iii) Number of these Fixtures Shown	10	Fixtures
	v) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED	
	v) Lumen output and wattage per Fixture	2,804	Lumen/Wattage
	vi) Mounting Height / Fixture Height	9	Square Feet

Luminaire Location Summary						
LumNo	Label	X	Y	Z	Orient	Tilt
1	A	260	149	25	0	0
2	B	0	58	25	0	0
3	B	129	130	25	90	0
4	B	260	29	25	90	0
5	B	241	262	25	270	0
6	B	38	136	25	90	0
7	C	75.5	45.5	12	270	0
8	C	100.5	45.5	12	270	0
9	C	125.5	45	12	270	0
10	C1	73	124	8	90	0
11	C1	123	123.5	8	90	0
12	C1	173	123.5	8	90	0
13	C1	62.5	108	8	180	0
14	C1	62	63.5	8	180	0
15	C1	184.5	93	8	0	0
16	C1	184.5	43	8	0	0

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Lum. Watts	Lum. Lumens	LLF	Description
	1	A	BACK-BACK	143	15697	0.900	PRV-A40-D-UNV-T5-BZ
	5	B	SINGLE	143	15157	0.900	PRV-A40-D-UNV-T4-BZ
	3	C	SINGLE	41	4409	0.900	XTOR5A
	7	C1	SINGLE	27	2804	0.900	XTOR3A

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PARKING AREA PLANE_Planar	Illuminance	Fc	1.62	12.6	0.4	4.05	31.50

PG Enlighten		Jose Saucedo 1530 Howard Street E6, Grove Village, IL 60007 Tel: 847-228-1199 Direct: 847-956-1276 jose.saucedo@pg-enlighten.com	
Project	Sequel Building Addition	Scale	1" = 25 ft.
Client	Adam S. Willey TEBRUGGE ENGINEERING	Date	4/29/2016
		Project No.	04282016JS

Parking Lot Design Guide	Area (Sq. Feet)	Area (Sq. Feet)	Area (Sq. Feet)	Area (Sq. Feet)
Minimum Illuminance	2,002	5,000.5	10,010.0	30,040.023.0 - 6.0
Minimum Height	20:1	15:1	15:1	*4:1 *Avg. - 16:1
Minimum Spacing	1.00:1	2.50:2.5	5.0:5.0:5.0	12: - 60:12:4.0

Lighting Application drawings are being provided to the recipient of this disclaimer. We make no representation as to its completeness, currency or accuracy because of reasons inherent to CAD and the additional digital data used to produce a lighting application. All digital CAD data appear to be extremely accurate, however, this apparent accuracy is an artifact of the techniques used to generate it, and is in no way intended to imply actual accuracy. The user of this data takes full responsibility for the accuracy and correctness of all measurements, area, inventories or other data extracted from this, either manually or with the use of a computer. This light level analysis is an estimate only, and is based on estimated reflectance values for interior applications or estimated pole locations based on specified light levels for exterior applications. Any variance from reflectance values, obstructions, light loss factors or dimensional data will affect the actual light levels obtained. This analysis is a mathematical model and can be only as accurate as is permitted by the third party software and the IES standards used. In addition calculated values may vary from actual measurements in certain situations due to variances, such as but not limited to, lamp output, input voltage, ballast variances, manufacturing tolerances and application variances. The presence of objects will decrease light levels and may cause some shadowing.

