

PROJECT NAME: PLAINFIELD ORTHODONTICS SITE LIGHTING

PROJECT NUMBER: 20180384-SP

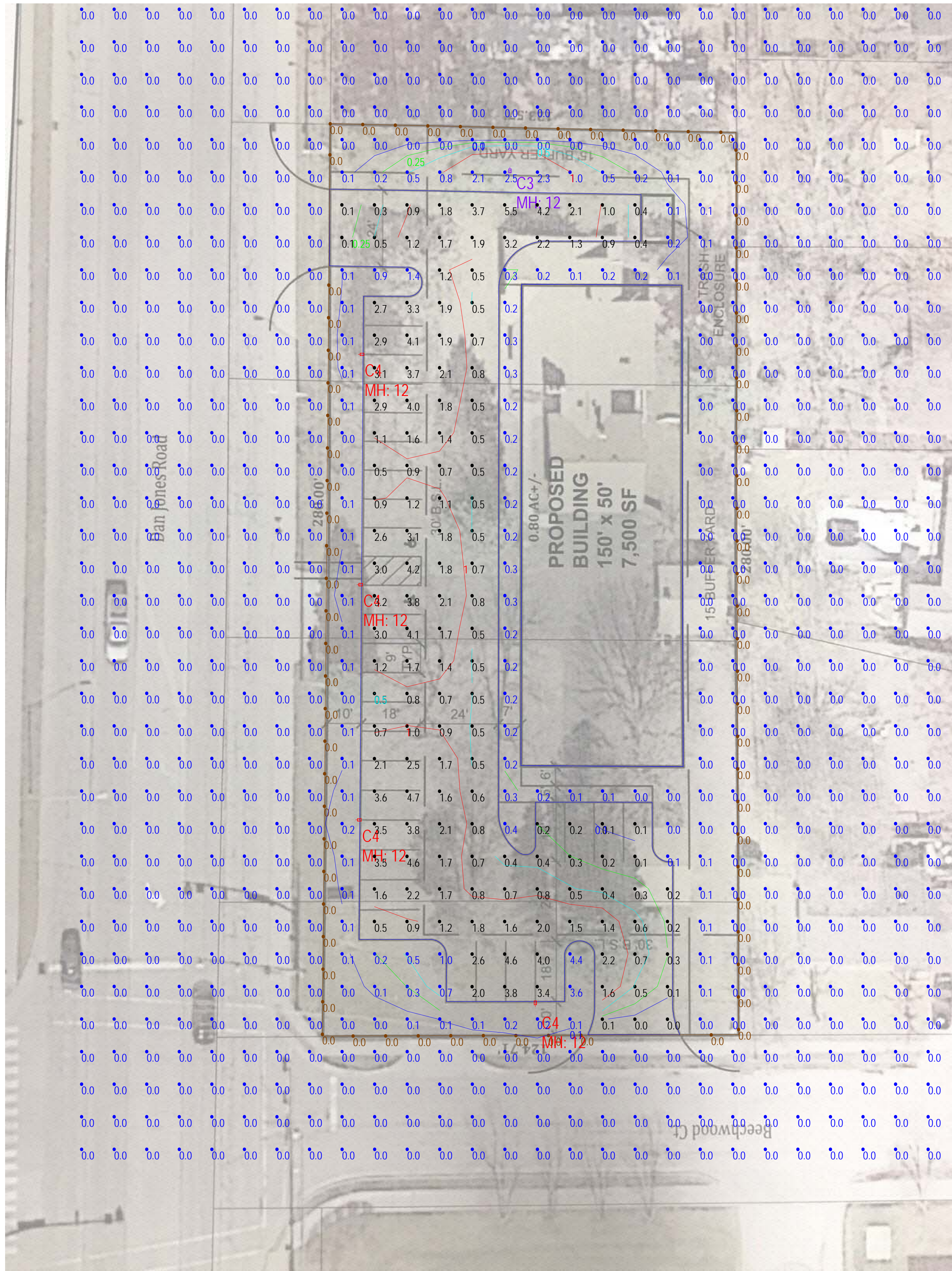
DATE: 12-7-18

PHOTOMETRIC PLAN DESIGNED BY ESL-SPECTRUM
WWW.ESL-SPECTRUM.COM
PHONE: 317.951.2300

ESL-Spectrum's services are for estimation purposes only, and are not warranties.
Final design and illumination levels must be determined and specified by an electrical engineer.
Field results may differ from computer predictions because of many uncontrollable factors and adverse test conditions such as:
line voltage variations, lamp performance, product manufacturing tolerances, and jobsite conditions.

THE FIXTURE TYPE(S) AND LAMPING(S) SPECIFIED ON THIS LAYOUT MUST BE USED IN ORDER TO MEET THE EXACT CRITERIA AND PERFORMANCE DATA SHOWN.





SITE LIGHTING - PLAN VIEW
Scale: 1 inch= 20 Ft.

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Luminaire Schedule							
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Symbol	Qty	Label	Arrangement	Lum. Watts	Lum. Lumens	LLF	Description
	1	C3	SINGLE	70	5132	0.850	CL1-30L-4K-3-BC - 12' POLE
	4	C4	SINGLE	70	6318	0.850	CL1-30L-4K-4-BC - 12' POLE

CALCULATIONS ARE MAINTAINED HORIZONTAL ILLUMINANCE FIGURES IN FOOT-CANDLES
POINTS SHOWN ARE AT GRADE
FIXTURES ARE MOUNTED 12' A.F.G.

Calculation Summary							
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Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
LOT LINE @ GRADE	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
PERIMETER @ GRADE	Illuminance	Fc	0.04	4.4	0.0	N.A.	N.A.
SITE @ GRADE	Illuminance	Fc	1.57	5.5	0.0	N.A.	N.A.

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