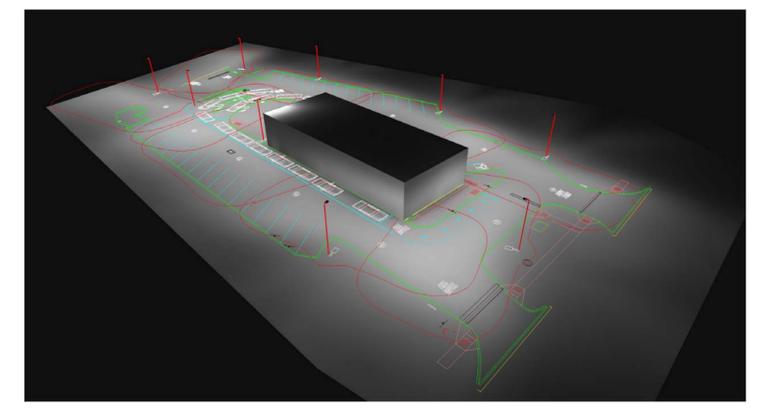
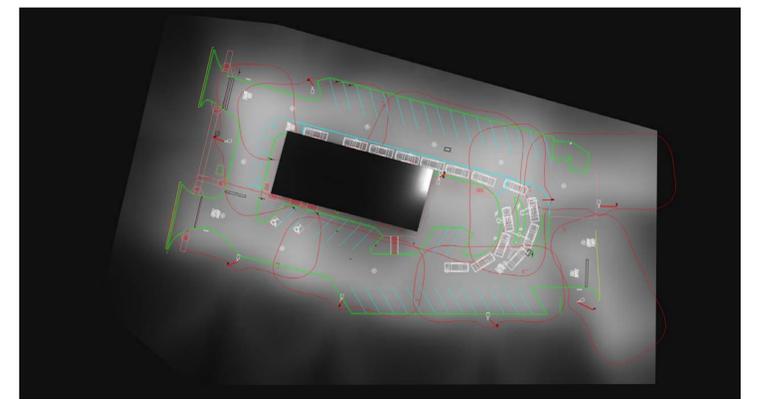
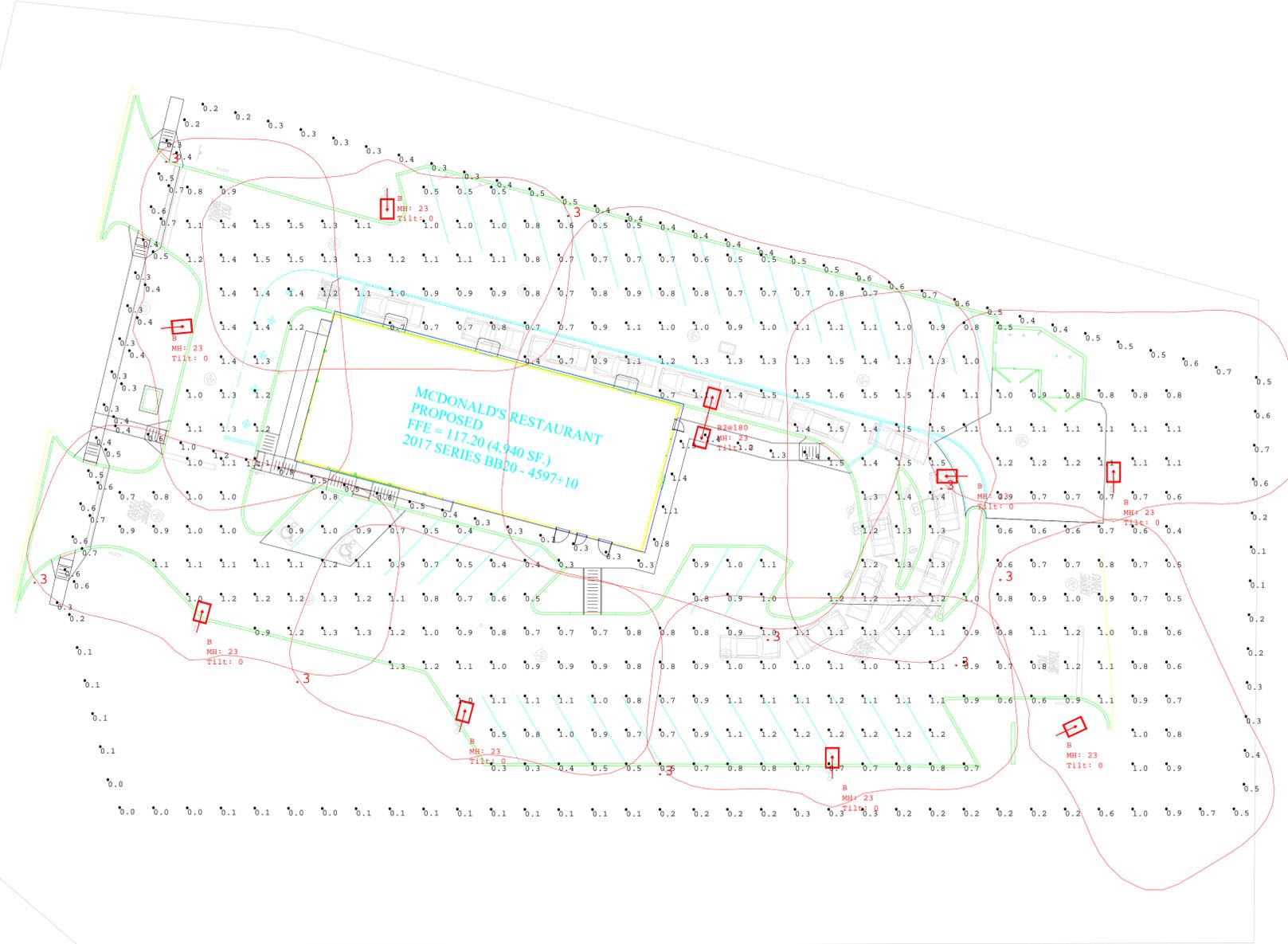


NOTES:
 1. THE FOOTCANDLE LEVELS AS SHOWN ARE BASED ON THE FOLLOWING CRITERIA. ANY SUBSTITUTIONS IN SPECIFIED FIXTURES OR CHANGES TO LAYOUT WILL AFFECT LIGHTING LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF SECURITY LIGHTING.
 2. DISTANCE BETWEEN READINGS _____ 10'



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PAVED SURFACE READINGS	Illuminance	Fc	0.97	1.6	0.3	3.23	5.33
PROPERTY LINE READINGS	Illuminance	Fc	0.35	1.0	0.0	N.A.	N.A.
WALKWAYS	Illuminance	Fc	0.64	1.4	0.3	2.13	4.67
INTERSECTIONS-ENTRANCES	Illuminance	Fc	0.65	1.00	0.50	1.30	2.00

** - SPECIFY COLOR

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts	EPA	Mtg Height	Pole Type
	8	B	SINGLE	0.900	RAR1-80L-50-5K7-4W	49.8	.55	23	SES-20-40-1-GL-TA-xx (4")
	1	B2@180	BACK-BACK	0.900	RAR1-80L-50-5K7-4W	49.8	1.1	23	SES-20-40-1-GL-TA-xx (4")

* PROJECT WIND LOAD CRITERIA BASED ON:
 ASCE 7-10 WIND SPEEDS (3-SEC PEAK GUST MPH)
 50 YEAR MEAN RECURRENCE INTERVAL
 Allowed EPA 10.9 @
 Wind Load 90MPH

23' Mounting Height (20' Pole + 3' Base)
 Tilt=0
 Fixtures Are Full Cutoff (No Light Above 90°)
 Red Lines Are Isolux Curves At 0.3fc
 Calculation Grids Are At Grade (Z=0)

Regional Drawing
 # 029-0273

2100 Golf Road, Suite 400, Rolling Meadows, IL 60008
 1-800-544-6888

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
 SCALE 1"=25' 0"
 DRAWN BY: BV

POINT-BY-POINT FOOTCANDLE PLOT FOR
 MCDONALD'S
 ROUTE 130 & DUTCH NECK RD
 EAST WINDSOR, NJ

NATIONAL STORE NUMBER

DATE	DRAWING NUMBER
7/31/2020	SL2007008-Rev1.AGI

THIS DRAWING MEETS OR EXCEEDS MCDONALD'S CURRENT ILLUMINATION SPECIFICATIONS OF A 3-4 FOOTCANDLE AVERAGE, UNLESS SUPERSEDED BY OTHER REQUIREMENTS.