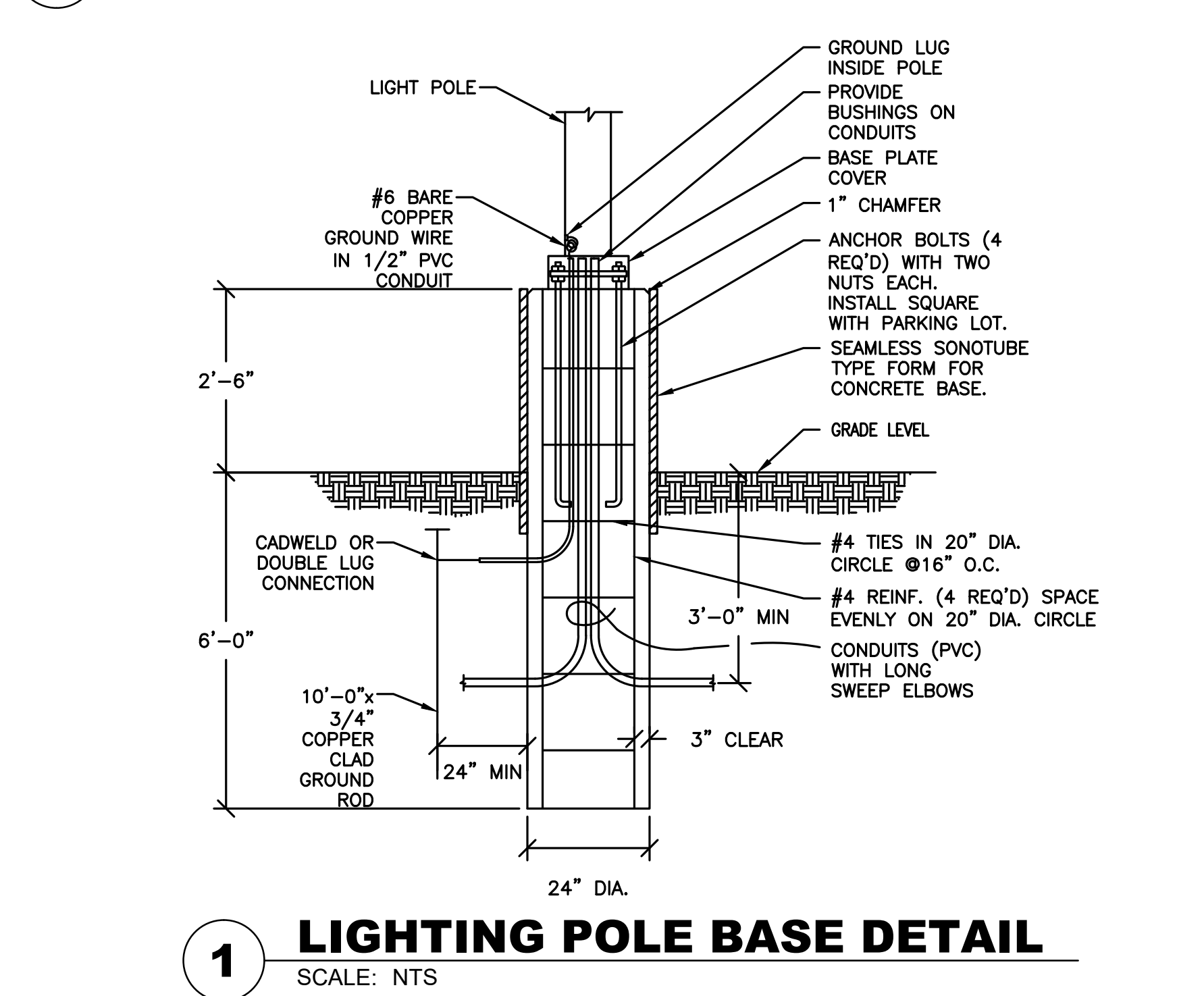
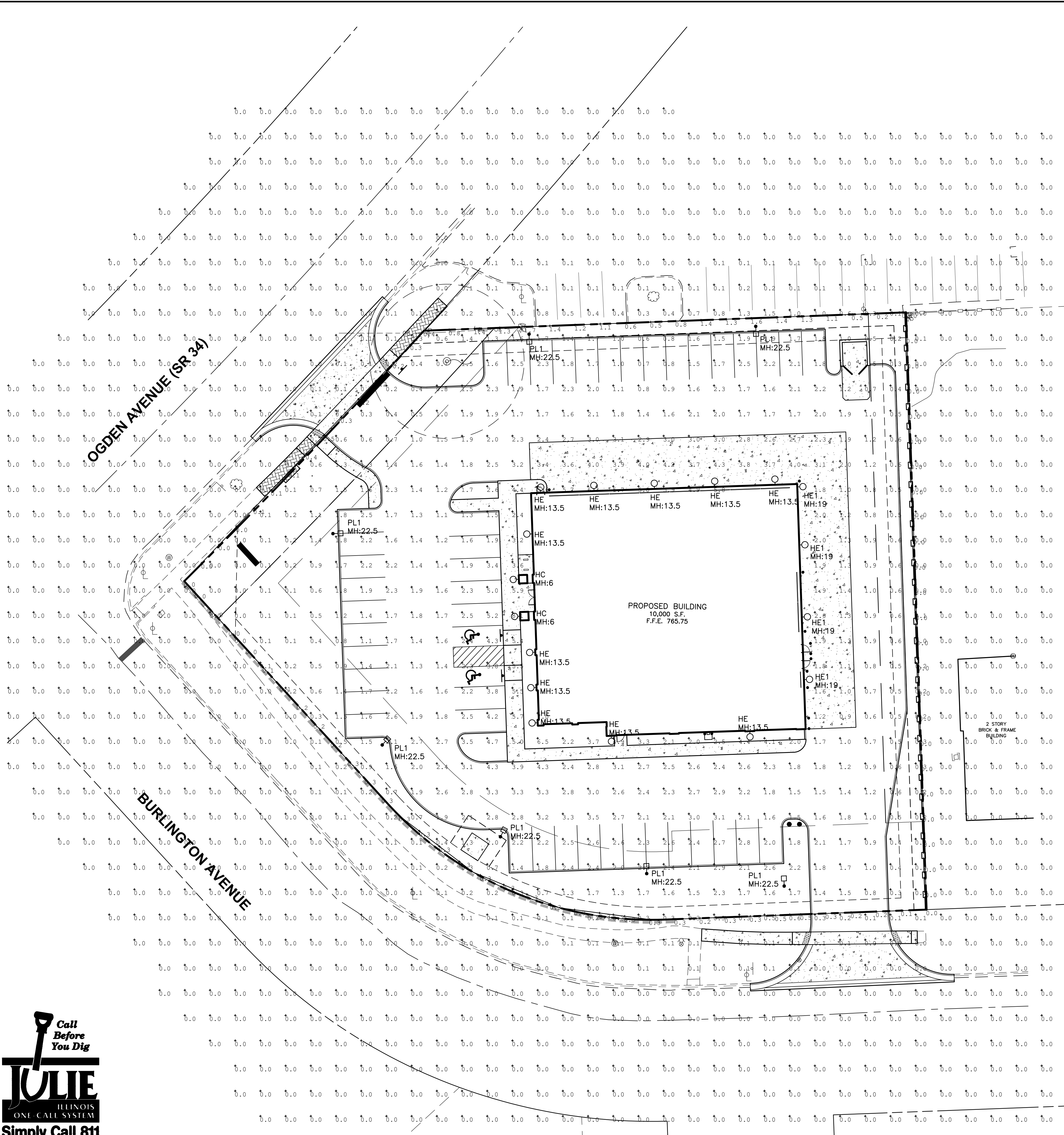


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LIGHTING FIXTURE SCHEDULE						
PLAN TYPE	MANUFACTURER	MOUNTING	LAMPS		VOLTAGE	DESCRIPTION/REMARKS
			NO.	WATTS		
HC	LUMINAIRE #SPC846-90F-50W-5000K-120/277-OP-BRZ-WET	WALL MOUNT	1	50	LED 5,647	120/277 DECORATIVE WALL SCONCE, LED, RATED FOR WET LOCATIONS. CALCULATION LLF: 0.8
HE	CREE #XSPW-B-WM-3ME-4L-57K-UL-BZ	WALL MOUNT	1	42	LED 4,270	120/277 LED ARCHITECTURAL WALL PACK WITH CUTOFF TYPE III MEDIUM OPTICS. FIXTURE FINISH TO BE BRONZE. CALCULATION LLF: 0.8
HE1	CREE #XSPW-B-WM-3ME-2L-57K-UL-BZ	WALL MOUNT	1	19	LED 2,490	120/277 LED ARCHITECTURAL WALL PACK WITH CUTOFF TYPE III MEDIUM OPTICS. FIXTURE FINISH TO BE BRONZE. CALCULATION LLF: 0.8
PL1	KIM #1A-AR4P35-80LSK120-DB-SF-VSF	POLE MOUNT	1	95	LED 10,692	120 LED ARCHITECTURAL AREA LUMINAIRE WITH CUTOFF TYPE IV OPTICS. POLE AND FIXTURE FINISHES TO BE BRONZE. CALCULATION LLF: 0.8

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Overall	Illuminance	Fc	0.47	8.1	0.0	N.A.	N.A.
East Property Line @ Grade	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
North Property Line @ Grade	Illuminance	Fc	1.01	1.7	0.1	10.10	17.00
South Property Line @ Grade	Illuminance	Fc	0.23	0.5	0.0	N.A.	N.A.
West Property Line @ Grade	Illuminance	Fc	0.17	0.5	0.0	N.A.	N.A.
General Parking and Pedestrian	Illuminance	Fc	2.42	6.3	0.7	3.46	9.00
Vehicle Use Area	Illuminance	Fc	1.19	3.1	0.4	2.98	7.75

CITY OF NAPERVILLE, IL LIGHTING REQUIREMENTS

3.25 – POLES SUPPORTING LIGHTS SHALL BE NO TALLER THAN TWENTY-THREE (23) FEET IN A RESIDENTIAL DISTRICT, TWENTY-FIVE (25) FEET IN A COMMERCIAL DISTRICT, A COMMERCIAL PART OF A RESIDENTIAL PLANNED UNIT DEVELOPMENT, OR IN OFFICE/BUSINESS PARK DISTRICTS, AND THIRTY-TWO (32) FEET IN ANY INDUSTRIAL DISTRICT.

3.3.2 – GENERAL PARKING AND PEDESTRIAN AREA, MEDIUM ACTIVITY LEVEL REQUIRES AN AVERAGE OF 2.4FC, MINIMUM OF 0.6FC AND A 4:1 UNIFORMITY RATIO. VEHICLE USE AREA REQUIRES AN AVERAGE OF 1.0FC, MINIMUM OF 0.33FC AND A 3:1 UNIFORMITY RATIO.

3.3.3 – EXTERIOR LIGHTING SHALL BE DESIGNED AT OR BELOW THE FOLLOWING AVERAGE MAINTAINED FOOT-CANDLES AT THE PROPERTY LINE: NONRESIDENTIAL TO NONRESIDENTIAL (NORTH PROPERTY LINE): 2.0FC; NONRESIDENTIAL TO RESIDENTIAL (EAST PROPERTY LINE): 0.10FC; INTENSITY AT ADJOINING RIGHT-OF-WAY (WEST AND SOUTH PROPERTY LINES): 0.50FC

3.3.4 – THE LIGHT LOSS FACTOR (LLF) SHALL BE A MINIMUM OF 0.75 TO A MAXIMUM OF 0.8 FOR ALL USES.

PLAN PREPARER CERTIFICATION STATEMENT

THE EXTERIOR LIGHTING DEPICTED ON THIS PLAN COMPLIES WITH THE REQUIREMENTS OF TITLE 6, CHAPTER 14: ZONING REGULATIONS – PERFORMANCE STANDARDS OF THE MUNICIPAL CODE OF NAPERVILLE, ILLINOIS.

REVISION

DATE

No.

PROJECT No: 80835

DATE 07/16/20

DES. ATD

DR. ATD

CKD. ARS

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BELLE TIRE NAPERVILLE

1126 EAST OGDEN AVENUE
NAPERVILLE, ILLINOIS 60563

LIGHTING PLAN

SHEET NO.

C700