

**LED LUMINAIRE SCHEDULE**

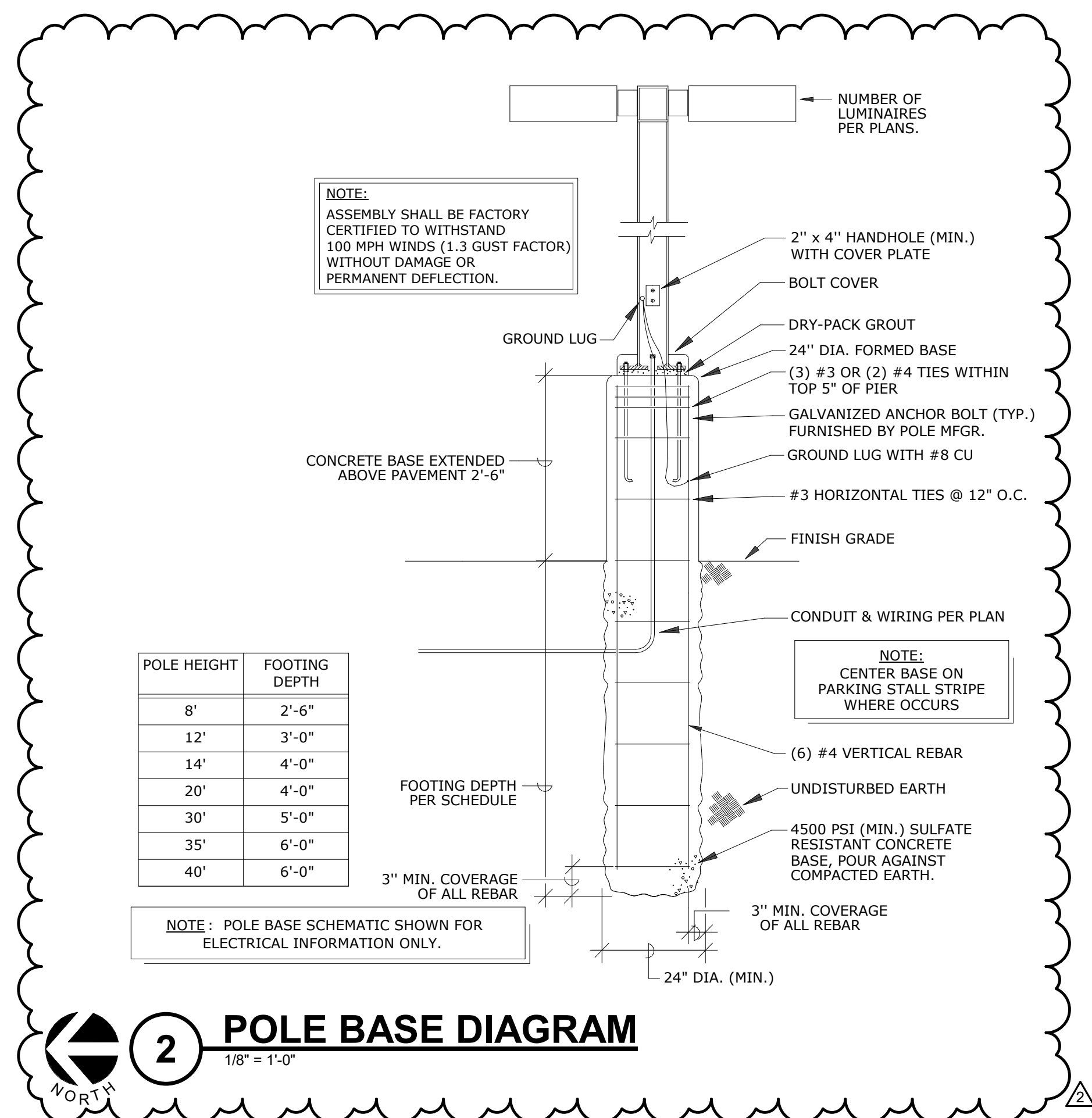
<b>(DESC) DOOR:</b> FA - FLAT ALUMINUM FS - FLAT STEEL RA - REGRESSED ALUMINUM RS - REGRESSED STEEL <b>FINISH:</b> PAF - PAINT AFTER FABRICATION CFA - COLOR-FINISH SELECTION BY ARCHITECT	<b>DISTRIBUTION:</b> II - ANSIIES TYPE 2 DISTRIBUTION III - ANSIIES TYPE 3 DISTRIBUTION IV - ANSIIES TYPE 4 DISTRIBUTION V - ANSIIES TYPE 5 DISTRIBUTION	<b>BEAMWIDTH:</b> NSP - VERY NARROW SPOT SP - SPOT MD - MEDIUM WD - WIDE VWD - VERY WIDE WW - WALL WASH	<b>(L/L) LENS/LOUVER:</b> A - .125" ACRYLIC B - BAFFLE/LOUVER C - CLEAR ALZAK F - FROSTED ACRYLIC G - TEMPERED GLASS K - KSH12 .125" ACRYLIC	K19 - KSH19 .156" ACRYLIC M - MATTE DIFFUSE CLEAR N - NONE P - POLYCARBONATE R - HIGH IMPACT DR ACRYLIC SS - SEMI-SPECULAR CLEAR O - OTHER (SEE DESCRIPTION) [DESIGN SPECIFIC BLANKS]
<b>(MTG) MOUNTING:</b> CL - CEILING SURFACE CV - COVE FR - FLANGED RECESSED P - PERIMETER PL - POLE	RE - RECESSED SP - SUSPENDED SU - SURFACE UC - UNDER CABINET WL - WALL O - OTHER (SEE DESCRIPTION)		<b>(WATT) PER:</b> FIX - FIXTURE, FT - FOOT, LAMP <b>(TYPE) LED</b> LED - LIGHT EMITTING DIODE TLED - TUBULAR LED LAMP OLED - ORGANIC LED DLED - DYNAMIC TUNABLE LED	RGB - COLOR CHANGING LED RGBW - COLOR CHANGING + WHITE RGBA - COLOR CHANGING + AMBER RLED - RETROFIT LED WLED - WARM DIM LED
<b>(TYPE) DRIVER:</b> 0-10V - 0-10V DIMMING DALI - DIGITAL ADDRESSABLE DMX - DIGITAL MULTIPLEX	EB - ELECTRONIC ELV - ELECTRONIC LOW VOLTAGE EM - EMERGENCY BATTERY	HL - HIGH/LOW (100%/50%) STEP DIM LINE - LINE VOLTAGE DIMMING ML - MULTI-LEVEL SWITCHING		MV - MULTI-VOLTAGE ELECTRONIC REM - REMOTE O - OTHER (SEE DESCRIPTION)

CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE COMPLETE DESCRIPTION AND THE SPECIFICATION SHALL BE COORDINATED WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN.

VERIFY AND COORDINATE ALL CEILING TYPES WITH LUMINAIRE MOUNTING AND TRIM REQUIREMENTS PRIOR TO THE RELEASE OF THE LUMINAIRE ORDER. CONFIRM ALL COLORS AND FINISHES OF ALL LUMINAIRE COMPONENTS WITH ARCHITECT AND INTERIOR DESIGNER PRIOR TO THE RELEASE OF THE LUMINAIRE ORDER. UNLESS INDICATED ON LIGHTING PLANS OR BELOW, REFER TO ARCHITECTURAL AND INTERIOR DESIGN ELEVATIONS, SECTIONS AND DETAILS FOR ALL SUSPENDED AND WALL MOUNTED LUMINAIRE MOUNTING HEIGHTS.

REFER TO SPECIFICATION SECTIONS ON PAGE E001 FOR ADDITIONAL INFORMATION AND REQUIREMENTS. REFER TO THE MANUFACTURER AND MODEL CATEGORY FOR EACH FIXTURE COLOR TEMPERATURE AND COLOR RENDERING INDEX.

ITEM	DESCRIPTION	L/L	MTG	DIMENSIONS				WATT			LED		DRIVER		MANUFACTURER AND MODEL
				L	W	H	DIA.	ANSI WATTS	PER	TYPE	QTY	DELIVERED LUMENS (MIN)	VOLTS	TYPE	
L1	2' X 4' RECESSED INDIRECT/DIRECT TROFFER		RE	4'-0"	2'-0"	5 1/2"	0"	40	FIX	LED	1	4000 LUMENS	277	0-10V	METALUX - #24RDI-40-UNV-L835-CD1-U
L1E	2' X 4' RECESSED INDIRECT/DIRECT TROFFER WITH EMERGENCY BATTERY BACK-UP		RE	4'-0"	2'-0"	5 1/2"	0"	40	FIX	LED	1	4000 LUMENS	277	0-10V	METALUX - #24RDI-40-UNV-EL-14W-L835-CD1-U
L2	2' X 2' RECESSED INDIRECT/DIRECT TROFFER		RE	2'-0"	2'-0"	5 1/2"	0"	30	FIX	LED	1	3000 LUMENS	277	0-10V	METALUX - #22RDI-30-UNV-L835-CD1-U
L2E	2' X 2' RECESSED INDIRECT/DIRECT TROFFER WITH EMERGENCY BATTERY BACK-UP		RE	2'-0"	2'-0"	5 1/2"	0"	30	FIX	LED	1	3000 LUMENS	277	0-10V	METALUX - #22RDI-30-UNV-EL-14W-L835-CD1-U
L3	6" RECESSED DOWNLIGHT		RE	0"	0"	9 1/2"	6"	20	FIX	LED	1	1500 LUMENS	277	0-10V	LITHONIA - #LDN6-35/15-L06-AR-LSS-MVOLT-E-210
L3E	6" RECESSED DOWNLIGHT WITH EMERGENCY BATTERY BACK-UP		RE	0"	0"	9 1/2"	6"	20	FIX	LED	1	1500 LUMENS	277	0-10V	LITHONIA - #LDN6-35/15-L06-AR-LSS-MVOLT-E-210-EL
L4	POLE MOUNTED SQUARE AREA LIGHT WITH 4" DIAMETER ROUND NON-TAPERED STEEL POLE. POLE HEIGHT - 10'. FIXTURE MH - 15'. FINISHES AND COLORS FOR POLE SHALL BE SELECTED BY ARCHITECT.	PL		1'-10 1/4"	1'-4 1/4"	5 1/2"	0"	43	FIX	LED	1	5432 LUMENS	277		U.S. ARCHITECTURAL - #RNTS4 POLE: U.S. ARCHITECTURAL - #RNTS4
L5	POLE MOUNTED SQUARE AREA LIGHT WITH 4" DIAMETER ROUND NON-TAPERED STEEL POLE. POLE HEIGHT - 10'. FIXTURE MH - 15'. FINISHES AND COLORS FOR POLE SHALL BE SELECTED BY ARCHITECT.	PL		1'-10 1/4"	1'-4 1/4"	5 1/2"	0"	43	FIX	LED	1	5579 LUMENS	277		U.S. ARCHITECTURAL - #RNTS4 POLE: U.S. ARCHITECTURAL - #RNTS4
L6	WALL MOUNTED SQUARE LIGHT	WL		1'-4"	10"	10 1/2"	0"	43	FIX	LED	1	5579 LUMENS	277		U.S. ARCHITECTURAL - #RNTS4 POLE: U.S. ARCHITECTURAL - #RNTS4
X1	SINGLE-FACE LED EDGE LIT EXIT SIGN	O	CL	1'-1"	2"	9"	0"	5	FIX	LED	1	N/A	277	EM	SURE-LITES - #LPRXSSD
X1A	REMOTE HEAD	WL		0"	0"	0"	0"	0	FIX	LED	1	100 LUMENS	277	EM	SURE-LITES - #SPRMSZD
X2	DOUBLE-FACE LED EDGE LIT EXIT SIGN	O	CL	1'-1"	2"	9"	0"	5	FIX	LED	1	N/A	277	EM	SURE-LITES - #LPRXSSD



**2 POLE BASE DIAGRAM**  
1/8" = 1'-0"



COMcheck Software Version COMcheckWeb  
**Interior Lighting Compliance Certificate**

**Project Information**  
Energy Code: 2015 IECC  
Project Title: UHG - Optum, Plainfield, IN  
Project Type: New Construction

Construction Site: \_\_\_\_\_ Owner/Agent: \_\_\_\_\_ Designer/Contractor: \_\_\_\_\_

**Additional Efficiency Package(s)**  
Credits: 1.0 Required 0.0 Proposed

**Allowed Interior Lighting Power**

A Area Category	B Floor Area (ft <sup>2</sup> )	C Allowed Watts / ft <sup>2</sup>	D Allowed Watts
1 Health Care-Clinic	9275	0.90	8348
		Total Allowed Watts =	8348

**Proposed Interior Lighting Power**

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture (C X D)	D Allowed Watts	E (C X D)
1 Health Care-Clinic				
LED L1/L1E: 2' X 4' RECESSED TROFFER, Other:	1	83	40	3320
LED L2/L2E: 2' X 2' RECESSED TROFFER, Other:	1	78	30	2340
LED L3/L3E: 6" RECESSED DOWNLIGHT, Other:	1	27	20	540
		Total Proposed Watts =		6200

Interior Lighting PASSES: Design 26% better than code

**Interior Lighting Compliance Statement**

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Corey Sprouse - Electrical Project Designer  
Name - Title: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: 01/23/2025

Project Title: UHG - Optum, Plainfield, IN Report date: 01/23/25  
Data filename: \_\_\_\_\_ Page 2 of 5

Section & Req.ID	Rough-in Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 [EL15] 1	Lighting controls installed to uniformly reduce the lighting load by at least 50%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.1 [EL18] 2	Occupancy sensors installed in required spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.2 [EL23] 3	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.2 [EL22] 3	Automatic controls to shut off all building lighting installed in all buildings.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.3 [EL16] 2	Daylight zones provided with individual controls that control the lights independent of general area lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.3 [EL20] 2	Primary sidelighted areas are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.3 [EL20] 3	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.4 [EL4] 1	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.4 [EL8] 1	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.3 [EL6] 1	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: UHG - Optum, Plainfield, IN Report date: 01/23/25  
Data filename: \_\_\_\_\_ Page 4 of 5

**1 COMCHECK**  
NO SCALE



COMcheck Software Version COMcheckWeb  
**Inspection Checklist**

Energy Code: 2015 IECC  
Requirements: 0.0% were addressed directly in the COMcheck software  
Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4] 1	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C406 [PR9] 1	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3 [F11] 2	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.4.1 [F18] 1	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
C408.2.5 [F16] 1	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.3 [F13] 1	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

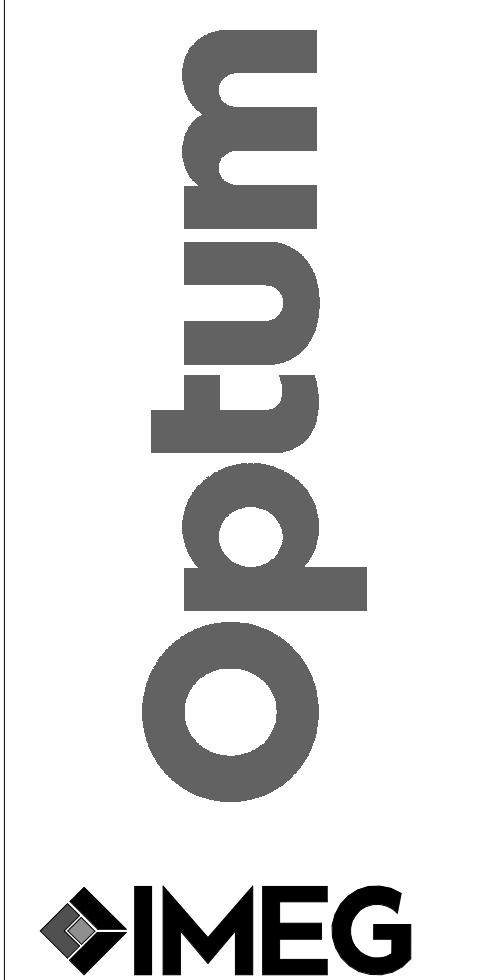
Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: UHG - Optum, Plainfield, IN Report date: 01/23/25  
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**PERMIT ISSUE**

1/29/2025

NO.	REASON	DATE
1	Addendum A	02/01/25
2	Plan Check Comments	02/25/25

PRINCIPAL IN CHARGE:  
**CHARLES TODD**  
PROJECT MANAGER:  
**STEVEN GARCIA**  
CDE PROJECT MANAGER:  
**BETTY LEU**

**IN PLAINFIELD OPTUM**

Location Code: IN 135  
UHG #: K1116805  
1192 EDWARDS DR., PLAINFIELD, IN  
PARCEL#32-10-36-479-005-000-012

6722159700

**LIGHTING FIXTURE SCHEDULE AND COMPLIANCE CERTIFICATE**