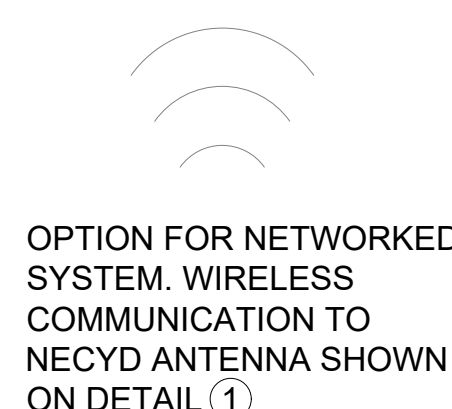
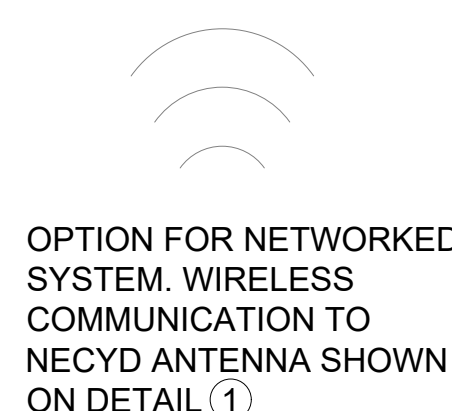


NTS



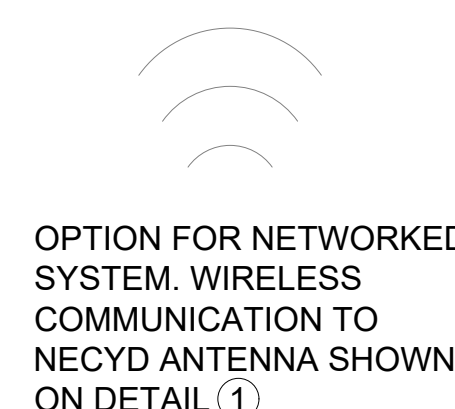
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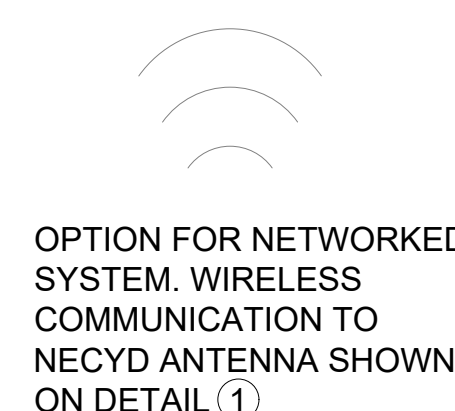
NOTES

- * NOTES:
 - ***** 5 MINUTES BEFORE THE LIGHTING IS SCHEDULED TO TURN OFF, THE LIGHTS WILL TURN OFF FOR 1 SECOND AND THEN GO BACK TO ITS PREVIOUS DIMMING LEVEL. THIS BLINK WARNING PREVENTS FALSE OFFS AND GIVES AUTHORIZED PERSONNEL A WARNING TO PRESS THE SWITCH TO RE-INITIATE A FOUR OVERRIDE DOWN TO VERIFY THE SCHEDULES.
 - ***** AUTOMATIC SCHEDULING CONTROL SHALL BE CAPABLE OF LIFTING SETBACK CONTROL IN ACCORDANCE TO **C405.2.6.2** FOR DECORATIVE FIXTURES AND **C405.6.2.3** FOR NON-DECORATIVE FIXTURES.
 - ***** LIGHTING IN OPEN OFFICE AREAS GREATER THAN 300 SQUARE FEET, LIGHTING SHALL BE CONTROLLED SEPARATELY IN CONTROL ZONES NOT GREATER THAN 600 SQUARE FEET. THE FIXTURES IN THE OCCUPIED CONTROL ZONES WILL BE ON AT 100% FULL BRIGHT AND THE FIXTURES IN THE UNOCCUPIED (AFTER 5 MINUTES OF NO DETECTED MOVEMENT) CONTROL ZONES WILL BE AT 20% FULL BRIGHT. IF ALL AREAS ARE UNOCCUPIED (AFTER 10 MINUTES OF NO DETECTED MOVEMENT IN ALL CONTROL ZONES) THEN THE LIGHTS WILL TURN OFF.

NTC



N.T.S.

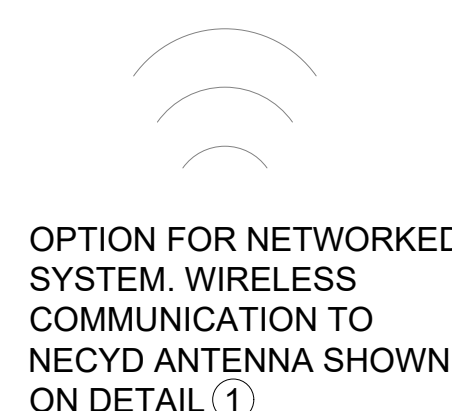


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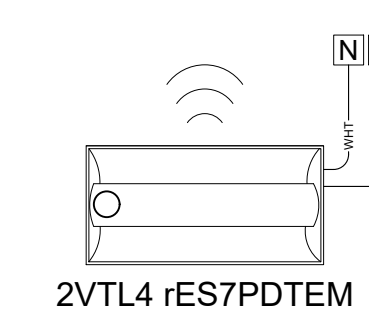
- IECC 2018 COMPLIANCE:**
1. OCCUPANT SENSOR CONTROLS. [SECTION C405.2.1](#).
 2. TIME-SWITCH CONTROLS. [SECTION C405.2.2](#).
 3. DAYLIGHT-RESPONSIVE CONTROLS. [SECTION C405.2.3](#).
 4. SPECIFIC APPLICATION CONTROLS. [SECTION C405.2.4](#).
 5. MANUAL CONTROLS. [SECTION C405.2.5](#).
 6. EXTERIOR LIGHTING CONTROLS. [SECTION C405.2.6](#).
 7. ENHANCED DIGITAL LIGHTING CONTROLS. [SECTION C406.4](#).
 8. FUNCTIONAL TESTING OF LIGHTING CONTROLS. [SECTION C408.3](#).
 9. CONTACT HILA FOR COMPLETE ALIGHT LIGHTING CONTROLS

- ## BUILDING MANAGEMENT SYSTEMS INTEGRATION SPECIFICATIONS:
1. BACHNET TESTING LABORATORIES (B-TCL) SHALL BE A BACHNET BUILDING CONTROLLER (B-CU).
 2. OPTIONAL AUTOMATIC DEMAND RESPONSE CLIENT OPTION ALLOWING ACTIVATION OF CONFIGURABLE LOAD SHEDDING (IMVING) TO REDUCE PEAK DEMAND. THIS OPTION DOES NOT REQUIRE OUTBOUND IP CONNECTION TO UTILITY DATA.
 3. ENHANCED SECURITY PROVIDED BY BOTH:
 - a. HTTPS SERVER
 - b. U.S. GOVERNMENT SECURITY STANDARD OF FEDERAL INFORMATION PROCESSING STANDARD (FIPS) PUBLICATION 140-2, INSIDE THE BUILDING CONTROLLER
 4. THE INSTALLING CONTRACTOR WILL BE RESPONSIBLE FOR THE FOLLOWING WHEN INTEGRATING LIGHTING CONTROL SYSTEM TO THE BUILDING MANAGEMENT SYSTEM:
 - a. PROVIDE A CONNECTION FROM LIGHTING CONTROL SYSTEM TO BMS via BACHnet IP.
 - b. COORDINATE WITH THE BMS INTEGRATOR ON SPECIAL LABELING CONFIGURATIONS THAT THE LIGHTING CONTROL PROGRAMMING WILL REQUIRE FOR SEAMLESS INTEGRATION OF THE TWO SYSTEMS.
 - c. TO COORDINATE ON-SITE MEETING WITH LIGHTING CONTROL PROGRAMMING AND BMS INTEGRATOR.
 - d. CONTACT HLA FOR INTEGRATION WITH BMS.

- SYSTEM OPERATIONS TRAINING OPTIONS, PER SECTION 120.8(h):**
1. 2-HOUR ONSITE OR REMOTE TRAINING.
 2. 2-DAY IN PERSON OR REMOTE TRAINING @ HILA. AT CUSTOMER LOCATION, OR VIDEOCONFERENCING SOFTWARE.
 3. VIDEO TRAINING GIVEN TO EVERYONE WHO PARTICIPATES IN THE 2-DAY IN PERSON OR REMOTE TRAINING.
 4. CONTACT HILA FOR TRAINING. CONTROLS@HIL-LTG.COM - PHONE: 800.621.3342.

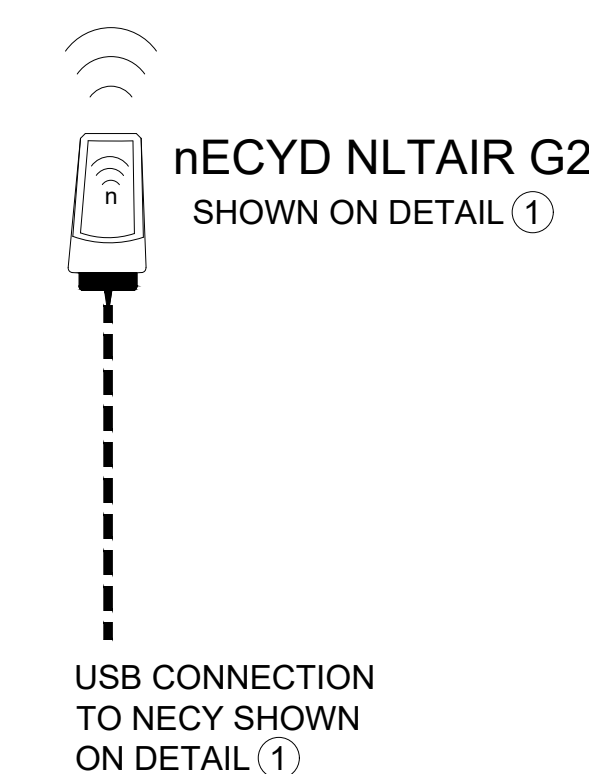


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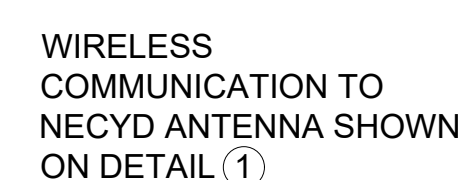


TO ADDITIONAL NLIGHT
DEVICES

10 EMERGENCY AIR ENABLED FIXTURE TYPICAL
NLS



13 EXTERIOR DETAIL C
N.T.S.



DRAWING TYPE: CONTROL LAYOUT \ SUBMITTAL

	REV	DATE
Date:	XX/XX/2015	
Scale:	NOT TO SCALE	
Drawn By:	CNC	
Quote #:	XXXXXX	
DWG Ref:		
Sheet: DETAILS (2)		