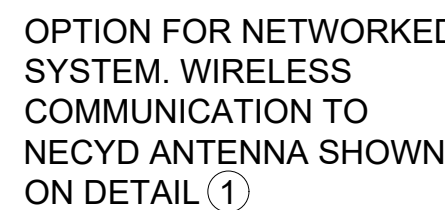
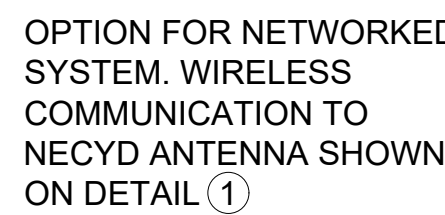


NOTES

- 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 WALL SWITCH TO ACTIVATE A 2-HOUR OVERRIDE. OWNER TO VERIFY TIME SCHEDULES.
- AUTOMATIC SCHEDULING CONTROLS SHALL BE CAPABLE OF LIGHTING SETBACK CONTROL IN ACCORDANCE TO **C405.2.6.2** FOR DECORATIVE FIXTURES AND **C405.2.3** FOR FUNCTIONAL FIXTURES.
- *** LIGHTING IN OPEN OFFICE AREAS GREATER THAN 300 SQUARE FEET, LIGHTING SHALL BE CONTROLLED SEPARATELY IN CONTROL ZONES. NOT GREATER THAN 600 SQUARE. THE FIXTURES IN THE OCCUPIED CONTROL ZONES WILL BE ON AT 100% FULL BRIGHT AND THE FIXTURES IN THE UNOCCUPIED (AFTER 7.5 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.



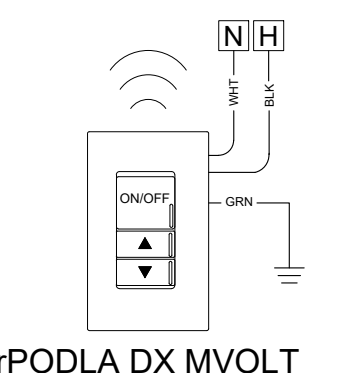
1. DETAILS AND DESIGN IS BASED ON AN «LIGHT LIGHTING SYSTEM CONTROLS» SYSTEM
2. DESIGNER SHALL PROVIDE ALL INFORMATION AND FOR REFERENCE OF SYSTEM AND ROOM TYPE REQUIREMENTS TO MEET BASIS OF DESIGN. PROVIDER SHALL PROVIDE MANUFACTURERS SHOP DRAWINGS FOR QUANTITIES AND MATERIALS TO BE USED IN THE PROJECT.
3. LIGHTING CONTROL SUBMITTALS FOR NETWORKED SYSTEM SHALL BE PROVIDED BY THE MANUFACTURER OR FACTORY REPRESENTATIVE TO THE MANUFACTURER OR FACTORY REPRESENTATIVE. THE SUBMITTALS SHALL INCLUDE THE FOLLOWING:
 1. MANUFACTURER'S LITERATURE, INCLUDING THE USER'S MANUAL AND DOCUMENTS NOT LIMITED TO FOLLOWING:
 - a. THE SYSTEM'S DESIGN AND OPERATION AND LOCATION OF ALL DEVICES.
 - b. STATEMENT OF THE MANUFACTURER SINGLE LINE DIAGRAM.
 - c. BASIS OF DESIGN PROGRAMMING OPERATION FOR EACH DEVICE.
 - d. DEVICE CUTOFFSETS.
4. MANUFACTURER OR FACTORY REPRESENTATIVE TO INCLUDE THE FOLLOWING INFORMATION OF THE LIGHTING CONTROL SYSTEM SHALL INCLUDE A SITE VISIT FOR THE FOLLOWING:
 1. VISUAL INSPECTION OF THE EXISTING LIGHTING SYSTEM AND FIELD INSTALLATION REQUIREMENTS.
 2. VISUAL INSPECTION OF THE EXISTING LIGHTING CONTROL SYSTEM TO MEET THE BASIS OF DESIGN AND IEC REQUIREMENTS
5. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING FINAL ADJUSTMENTS TO PROGRAMMING.
6. CONTRACTOR SHALL FURNISH AND INSTALL ALL LIGHTING CONTROL SYSTEM CABLES AND ACCESSORIES AS REQUIRED BY MANUFACTURER'S RECOMMENDATION TO PROVIDING A COMPLETELY FUNCTIONAL LIGHTING CONTROL SYSTEM.
7. CONTRACTOR SHALL TEST ALL LOW VOLTAGE NETWORK CABLES IN THE FIELD TO THE VERIFICATION AND REQUIREMENTS BY THE MANUFACTURER PRIOR TO SYSTEM STARTUP.
8. ALL DEVICES SHALL BE MANOUPURED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S MANUAL. CONTRACTOR WILL VERIFY BEST FIT LOCATIONS IN THE FIELD.
9. CONTRACTOR TO VERIFY COMPATIBILITY BETWEEN DAMPING INDUCTORS AND INSTALLED LIGHTING CONTROL SYSTEM.
10. CONTACT HALLA COMPLETE LLC FOR ALL LIGHTING CONTROLS. PHONE: (808) 683-0344. EMAIL: info@hallacomplete.com

1. OCCUPANT SENSOR CONTROLS, [SECTION C405.2.1](#)
2. TIME-SWITCH CONTROLS, [SECTION C406.2.2](#)
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 ALLIGHT LIGHTING CONTROLS
BOM, CONTROLS@HIL-LTG.COM • PHONE # 808-683-9344.

16-ZONES AND 16-SCENES WITH DIMMING
GFXX - nPOD TOUCH XX
SUBSCRIPT REFERENCES ZONE OF CONTROL

4. THE INSTALLING CONTRACTOR WILL BE RESPONSIBLE FOR THE FOLLOWING WHEN INTEGRATING LIGHTING CONTROL SYSTEM TO THE BUILDING MANAGEMENT SYSTEM:
 - 4.1. PROVIDING A PHYSICAL CONNECTION FROM LIGHTING CONTROL SYSTEM TO BMS VIA BacNet IP.
 - 4.2. TO COORDINATE WITH THE BMS INSTALLER ON SPECIAL LABELING CONFIGURATIONS THAT THE LIGHTING CONTROLS PROGRAMMER WILL NEED TO FOLLOW FOR SEAMLESS INTEGRATION WITH BMS SYSTEMS.
 - 4.3. TO COORDINATE ONSITE MEETING WITH LIGHTING CONTROLS PROGRAMMER & BMS/CONTROLS CONTRACTOR.
5. CONTACT HALL FOR INTEGRATION WITH BMS, CONTROLS@HALL-ITG.COM - PHONE # 808-683-9334.

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 - PHO # 808-683-9344.

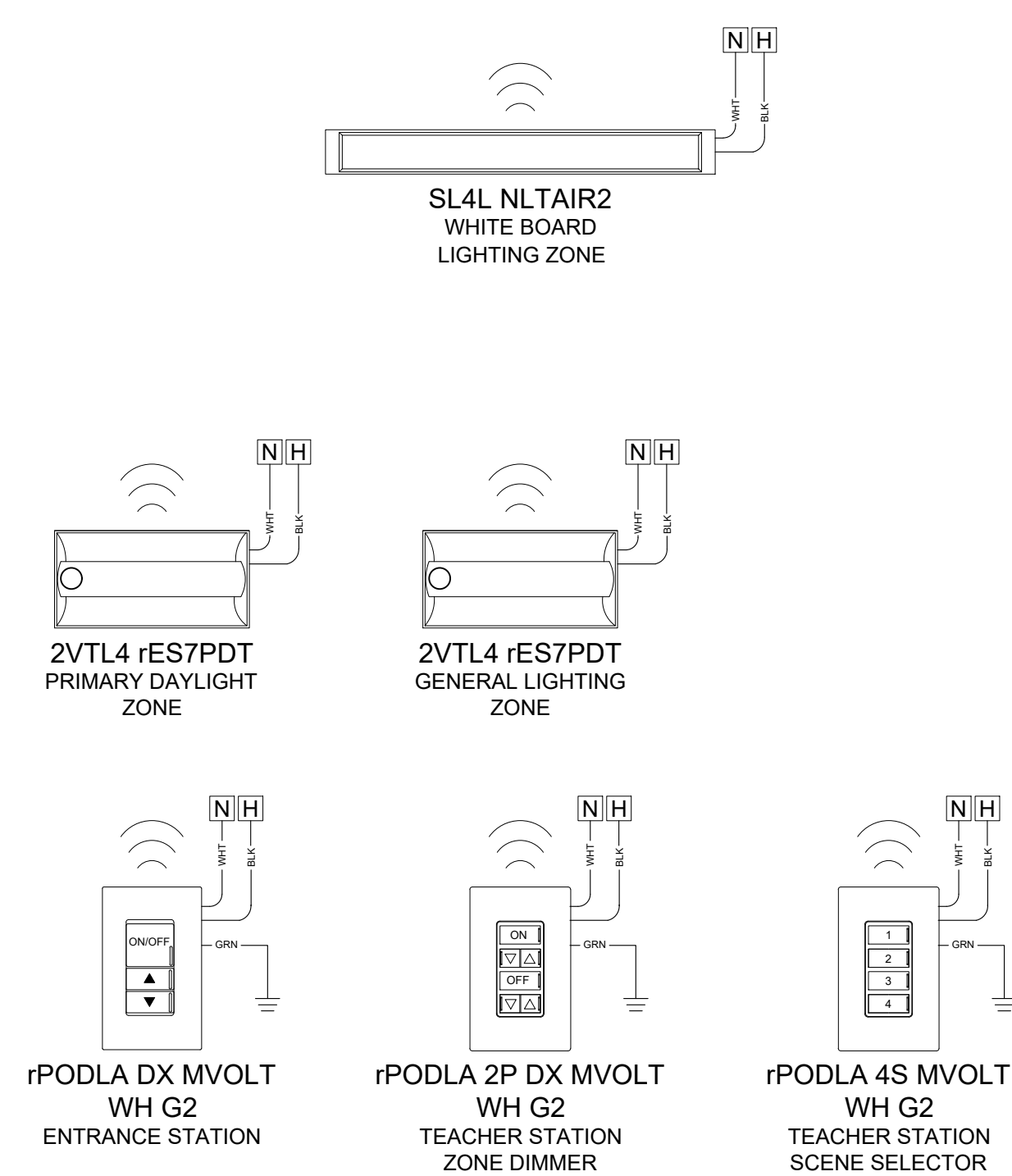


OPTION FOR NETWORKED
SYSTEM. WIRELESS
COMMUNICATION TO
NECYD ANTENNA SHOWN
ON DETAIL (1)

CITY, STATE (PROVINCE)

[illegible]

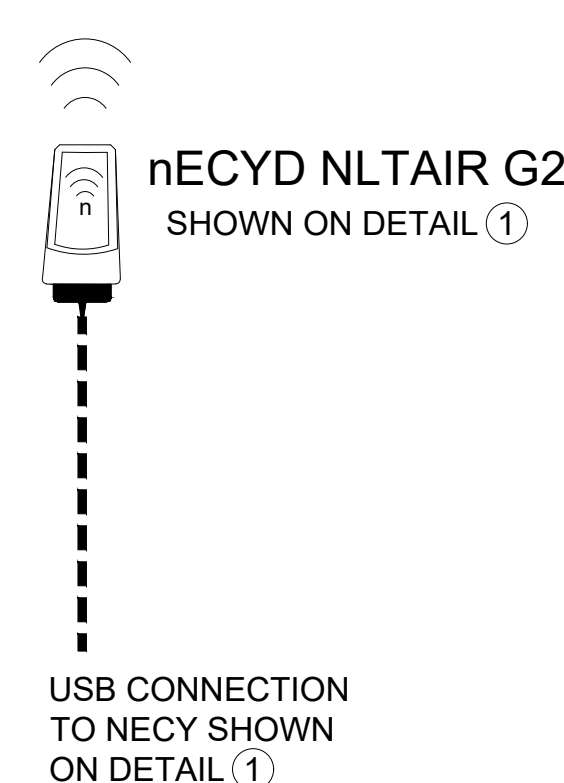
Sheet:
DETAILS



OPTION FOR NETWORKED
SYSTEM. WIRELESS
COMMUNICATION TO
NECYD ANTENNA SHOWN
ON DETAIL (1)

TO ADDITIONAL NIGHT
DEVICES

EMERGENCY AIR ENABLED FIXTURE TYPICAL

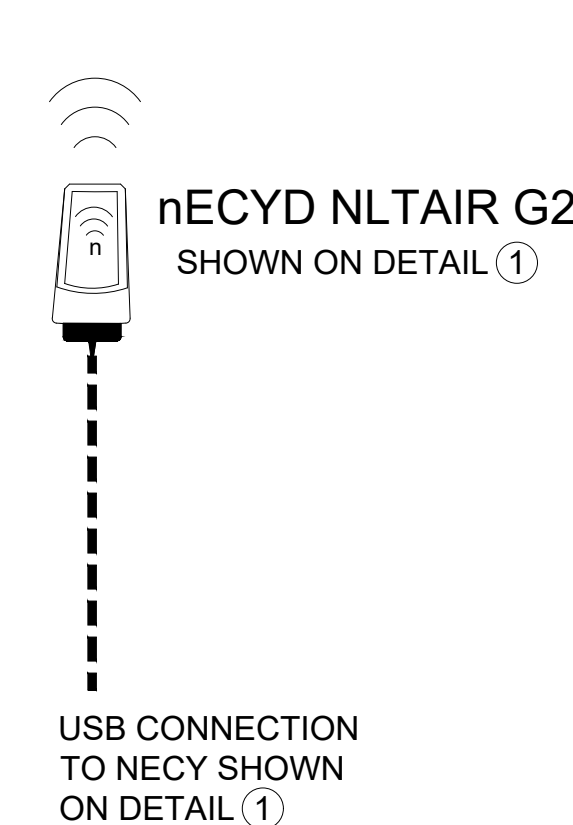


WIRELESS
COMMUNICATION TO
NECYD ANTENNA SHOWN
ON DETAIL (1)

WIRELESS
COMMUNICATION TO
NECYD ANTENNA SHOWN
ON DETAIL ①

EXTERIOR DETAIL A

EXTERIOR DETAIL C



WIRELESS
COMMUNICATION TO
NECYD ANTENNA SHOWN
ON DETAIL (1)

PROJECT NAME
CITY, STATE (PROVINCE)

DRAWING TYPE:
CONTROL LAYOUT \ SUBMITTAL

REV	DATE

Date:	XX/XX/2015
Scale:	NOT TO SCALE
Drawn By:	CNC
Quote #:	XXXXX
DWG Ref:	

Sheet:
DETAILS (2)