OCCUPANCY / VACANCY SENSOR SCHEDULE

MARK NO.	MANUFACTURER	CATALOG NO.	DESCRIPTION
OS	LEGRAND WATTSTOPPER	PW301	8.3 AMP, PIR SINGLE CIRCUIT, 120/277V, XCT PIR - 900 S.F. COVERAGE
OS1	LEGRAND WATTSTOPPER	PW311	8.0 AMP, 0-10V DIMMER SENSOR, 120/277V, XCT PIR - 900 S.F. COVERAGE
S2	LEGRAND WATTSTOPPER	DT-300	ULTRASONIC, CEILING MOUNTED, SET OFF FOR 30 MIN., 1000 S.F. 24V DC INPUT REQUIRES POWER PACK USE WITH BZ-150 POWER PACK
S3	LEGRAND WATTSTOPPER	LMOC - 100	DUAL TECHNOLOGY CEILING MOUNT OCCUPANCY SENSOR - USE WITH LMRC-210 SERIES 0-10 VOLT DIMMING ROOM CONTROLLER & LMSW-102 & LMDM-101 DIMMING SWITCH USE CAT5e CABLE BETWEEN SWITCHES. OCCUPANCY SENSOR & DIMMING CONTROLLER.
S_{DM}	LEGRAND WATTSTOPPER	LMDM - 101	LOW VOLTAGE SWITCH TO DIM LOADS. PLUGS IN TO OTHER COMPONENTS USING CAT5e CABLE. LED BAR GRAPH INDICATES LIGHT LEVELS OF CONTROLLED LOADS. PLUG-N-GO AUTOMATIC CONFIGURATION.

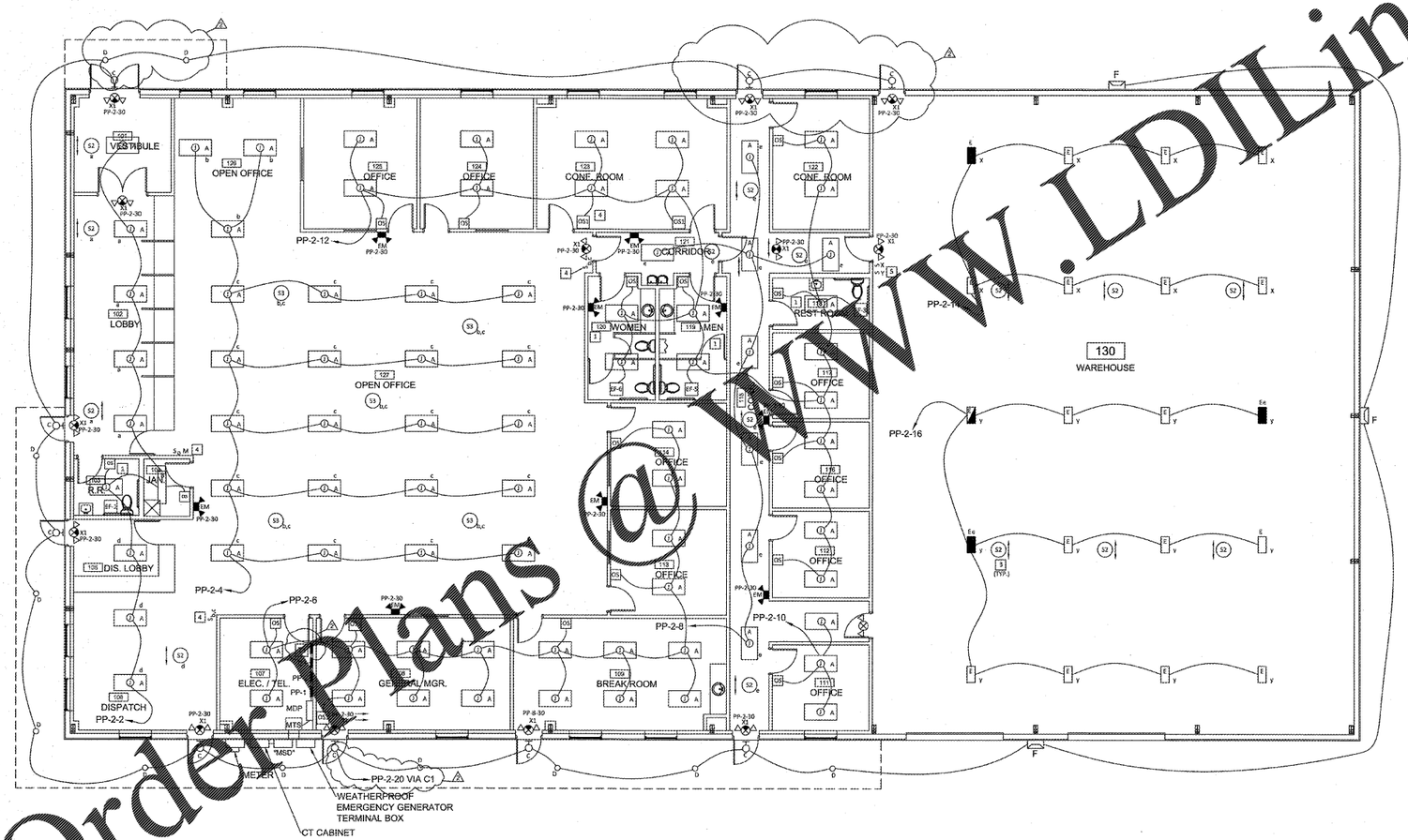
NOTES

1. PROVIDE POWER PACKS, WIRING, ETC. AS NECESSARY FOR A FULL AND COMPLETE INSTALLATION. SEE TYPICAL OCCUPANCY SENSOR WIRING DIAGRAM.
2. ORIENT CEILING OCCUPANCY SENSORS FOR OPTIMAL SENSITIVITY AND COVERAGE PER MANUFACTURER'S GUIDELINES.
3. VERIFY CIRCUIT VOLTAGES FROM LIGHTING PLANS.
4. PROVIDE MANUFACTURER'S FINAL LAYOUT OF EXACT SENSOR LOCATIONS.
5. INCLUDE FINAL ADJUSTMENTS TO AVOID FALSE "ON" OR DELAYED START.
6. CRESTRON, LUTRON, OR EQUAL.

LIGHT FIXTURE SCHEDULE

MARK NO.	MANUFACTURER	CATALOG NO.	LAMPS						FINISH	FIXTURE DESCRIPTION	REMARKS
			VOLTAGE	NO.	WATTS/TYPE	CRI	KELVIN	MOUNTING			
A	COLUMBIA	LJT24-35VLG-FSA12-ED1-U	120	1	63W LED	82	3500	2X4 CEILING, LAY-IN	WHITE	2'X4' LED FIXTURE WITH PRISMATIC LENS	0-10 VDC DIMMING TO 1%
B	COLUMBIA	LAW4-35MIL-EU	120	1	48W LED	80	3500	CHAIN HUNG	WHITE	1'X4' LED FIXTURE	
C	HUBBELL	TRP1-12L-30-3K7-3-4-DB-E	120	1	30W LED	80	3000	WALL	BRONZE	EXTERIOR EMERGENCY WALL SCONCE	EMERGENCY BATTERY PACK-PROVIDE CONSTANT 120V POWER TO BATTERY UL WET LOCATION WITH 90 MIN. SELF TEST
D	JUNO	6RLS-830-9-WH	120	1	14.5W LED	80	3000	CANOPY, SURFACE		6" LED SURFACE MOUNT FIXTURE	
E	COLUMBIA	LWS-40HL-AD-EDU	120	1	110W LED	80	4000	CHAIN / CABLE HUNG		HEAVY DUTY SUSPENDED LED LUMINAIRE	CHAIN HUNG EVEN WITH BOTTOM OF STRUCTURE WITH AIR CRAFT CABLE
Ee	COLUMBIA	LWS-40HL-AD-EDU-EU14	120	1	100W LED	80	4000	CHAIN / CABLE HUNG		HEAVY DUTY SUSPENDED LED LUMINAIRE	CHAIN HUNG EVEN WITH BOTTOM OF STRUCTURE WITH AIR CRAFT CABLE
X1	COLUMBIA	HCXURW-03L	120	2	3.0W LED			UNIVERSAL	WHITE HOUSING RED LETTERS	EXIT SIGN WITH EGRESS LIGHTS	WITH 90 MIN. SELF-TEST BATTERY BACKUP
EM	COLUMBIA	EV2	120	2	1.0W LED			UNIVERSAL	WHITE HOUSING	EGRESS LIGHTS	WITH 90 MIN. SELF-TEST BATTERY BACKUP
F	ATLAS	WLM 43 LED	120	1	43W LED	83	4500	WALL	BRONZE	LED WALL PACK	MOUNT 12'-0" AFF

NOTES:
1. PROVIDE ALL NECESSARY MOUNTING HARDWARE, HANGERS, CLIPS, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION.
2. PROVIDE SUPPLIES NECESSARY FOR LOW-VOLTAGE LIGHTING.
3. DIMMER SWITCHES SHALL BE SUITABLE FOR LOW-VOLTAGE LIGHTING.
4. SEE DRAWINGS FOR LENGTH TO BE FILLED. STAGGER LIGHTS TO AVOID SHADOWS.
5. CONTRACTOR SHALL VERIFY FIXTURE VOLTAGE AS REQUIRED PER CIRCUITRY ON LIGHTING PLANS.
6. BIDS WILL BE BASED ON SPECIFIED FIXTURES. ALTERNATE FIXTURE PACKAGE WILL BE CONSIDERED.



GENERAL POWER NOTES

1. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF LIGHT FIXTURES.
2. CONNECT ALL EXIT SIGNS TO AN UNSWITCHED LEG OF CIRCUIT SHOWN.
3. CONNECT NIGHT LIGHTS TO AN UNSWITCHED LEG OF CIRCUIT SHOWN.
4. FOR LIGHTS WITH EMERGENCY BATTERY BACK-UP; NORMAL DUTY BALLAST TO BE SWITCHED. EMERGENCY BALLAST TO OPERATE UPON POWER FAILURE ONLY.
5. PROVIDE WARNING AS REQUIRED BY MANUFACTURER FOR ALL DIMMABLE LED LIGHTING FIXTURES. WIRING WILL VARY DEPENDING ON TYPE OF DIMMING UTILIZED.

KEYED LIGHTING NOTES

1. EXHAUST FAN SHALL BE SWITCHED WITH ROOM OCCUPANCY SENSOR OR LIGHT SWITCH.
2. CHAIN HANG FIXTURES IN WAREHOUSE AS HIGH AS POSSIBLE BUT BELOW OR EVEN WITH STRUCTURE.
3. MOUNT OCCUPANCY SENSORS IN WAREHOUSE AT A MAXIMUM OF 12' HIGH.
4. LIGHTING CONTROLLED BY OS1 OR LMSW-102 &LMDM-101 SWITCHES.
5. SEE SHEET E104 FOR GANGED CIRCUIT CONTROL SCHEMATIC.
6. SEE SHEET E104 FOR OPEN OFFICE LIGHTING CONTROLS.

Order Plans @ WWW.LDILine.com

ANDERSON ENGINEERING & ASSOC., P.A. - LUMBERTON, N.C.
305 N. Chippewa Street
Lumberton, NC 28358
Office: (910) 671-9530
Fax: (910) 618-0838
Email: andersonengineeringpa@gmail.com
Licensure #: C-0793

BUILDING PLANS FOR
COPART

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 013797 ENGINEER ALLEN R. TONNAR 4-15-19

This creation of authorship contained in this drawing including but not limited to all design, text, specifications and images, are owned, except as otherwise expressly stated, by Anderson Engineering & Associates, P.A. and are protected by copyright and other intellectual property laws. This drawing may not be copied, reproduced, transmitted, displayed, distributed, sub- licensed, altered, utilized for other projects or otherwise used in any manner without the prior written consent of Anderson Engineering & Associates, P.A., except to the extent that such use constitutes "fair use" under the Copyright Act of 1976 (17 U.S.C. §107), as amended. Project owner may keep one un- altered permanent copy to be used for intended project use only.

LIGHTING PLAN

PERMIT SET

ISSUE DATE: 1-18-2019

NO.	DATE	REASON
1	2-12-2019	OWNER REVIEW REDUCE BUILDING SIZE
2	4-10-2019	SCOPE VERIFICATIONS/CONTRACT DOCS. SOFFIT LIGHTS

SCALE:	1/8"=1'
DRAWN BY:	DJ
CHECKED BY:	LWA
PROJECT NO.:	60-1656
DRAWING FILE:	1656
FILE NO.:	1656-BLDG-REV1

SHEET NO.

E103

© 2019 Anderson Engineering & Associates, P.A.