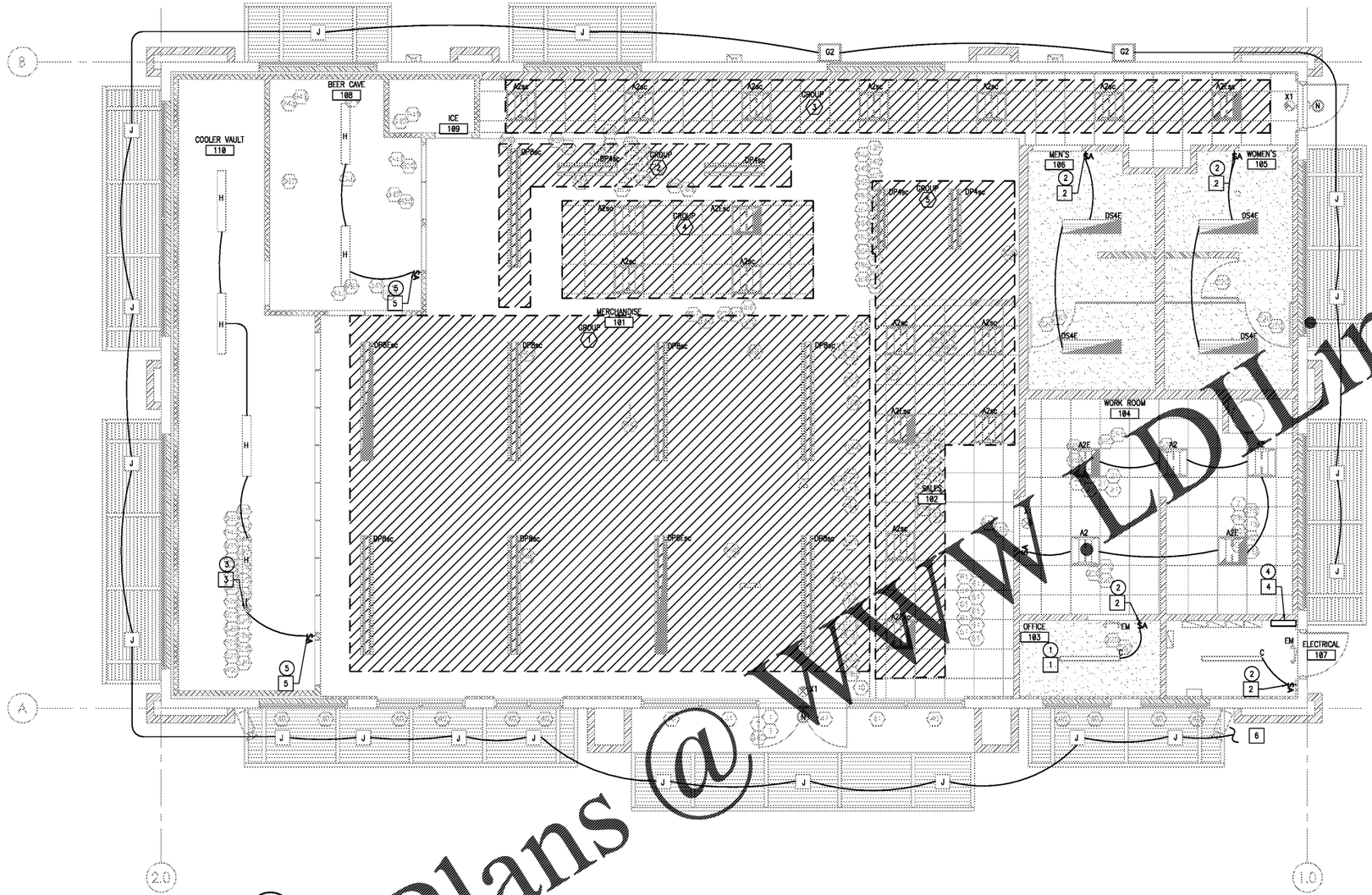

1 LIGHTING CONTROL PLAN

1/4" = 1'-0"

NORTH

COMPONENTS SCHEDULE				
TYPE	MANUFACTURER	PART NUMBER	ORACLE NUMBER	DESCRIPTION
1	CREE	CCT-CWC-1	3291345	REMOTE CONTROL FOR MANUAL ON/OFF SWITCHING FOR SMARTCAST GROUPS LOCATED IN MANAGER'S DESK. SEE ARCHITECTURAL SHEET EF-L FOR ORDERING INFORMATION.
2	LEVITON	OSSMT-MDW	3291241	OCCUPANCY SENSOR ON/OFF SWITCHING FOR MANUAL CONTROL OF LIGHTING.
3	LEVITON	OSFHU-CTW	033019	OCCUPANCY/VACANCY SENSOR CEILING MOUNTED IN COOLER VAULT FOR AUTOMATIC CONTROL OF LIGHTING.
4	EVENLITE	PW-25-LC-V1	329964	250 WATT INVERTER FOR EMERGENCY CIRCUIT TO BE LOCATED IN ELECTRICAL ROOM.
5	RACO	5121-0	033019	ON/OFF LIGHT SWITCH WITH WET LOCATION COVER FOR VAULT COOLER.

SMARTCAST WIRELESS SUMMARY					
GROUP	LOCATION	OCCUPIED LEVEL	UNOCCUPIED LEVEL	OCCUPANCY TIMEOUT	DAYLIGHT HARVEST MIN LEVEL
1	FRONT RETAIL AREA	100%	90%	30 MINUTES	35%
2	REAR RETAIL AREA	100%	80%	15 MINUTES	35%
3	BEVERAGE WALL	100%	80%	30 MINUTES	20%
4	ISLAND	100%	90%	30 MINUTES	10%
5	SALES	100%	90%	30 MINUTES	5%

LIGHTING CONTROL INSTALLATION NOTES:

1. ENSURE ALL SMARTCAST CONTROL MODULES ARE PLUGGED INTO EACH SMARTCAST FIXTURE PRIOR TO INSTALLING.
2. DURING INSTALLATION OF THE SMARTCAST FIXTURES, ORIENT ALL SENSORS AWAY FROM THE WINDOWS.
3. ENSURE ALL SMARTCAST FIXTURES ARE POWERED PRIOR TO BEGINNING ONEBUTTON SETUP.
4. TO BEGIN ONEBUTTON SETUP, TURN ON THE CONFIG TOOL.
5. THE CONFIG TOOL WILL SEARCH FOR NETWORKS WITHIN THE STORE.
6. IF NONE ARE FOUND, THE CONFIG TOOL WILL ASK THE USER TO PRESS OK TO BEGIN ONEBUTTON SETUP.
7. IF THE CONFIG TOOL DISCOVERS EXISTING NETWORKS, THE USER WILL BE OFFERED THE OPTIONS OF CONNECTING TO THE EXISTING NETWORK OR CREATING A NEW NETWORK.
8. ONCE THE USER BEGINS THE ONEBUTTON SETUP, SET THE CONFIG TOOL DOWN IN A SAFE LOCATION IN THE STORE. MOVING THE CONFIG TOOL DURING ONEBUTTON SETUP CAN CAUSE COMMISSIONING TO TAKE LONGER.
9. DURING ONEBUTTON SETUP, THE FIXTURES WILL DIM, WILL BE BRIGHT, WILL TURN OFF FOR A FEW MINUTES, AND WILL DIM.
10. NAVIGATE THE MENU TO DIAGNOSTICS –> IDENTIFY NETWORK. VERIFY ALL SMARTCAST DEVICES ARE IN THE NETWORK.
11. CREATE ONE OF THE TWO GROUPS SHOWN ON THE PLAN USING MODIFY GROUPS –> CREATE GROUP –> OCCUPANCY
12. NAVIGATE THE MENU TO DIAGNOSTICS –> IDENTIFY GROUP –> OCCUPANCY. VERIFY THE GROUPS MATCH THE PLAN.
13. REPEAT STEPS 11 AND 12 FOR EACH GROUP IN THE TABLE.
14. NAVIGATE THE MENU TO DEVICE SETTINGS –> OCCUPANCY TO SET THE OCCUPIED LEVEL, UNOCCUPIED LEVEL, AND OCCUPANCY TIMEOUT TO APPLY THESE SETTINGS TO EACH GROUP AS LISTED IN THE SETTINGS TABLE ON THE PLAN.
15. NAVIGATE THE MENU TO DEVICE SETTINGS –> DAYLIGHT TO SET THE MINIMUM LEVEL OR DISABLE DAYLIGHT PER THE SETTINGS TABLE ON THE PLAN.
16. NAVIGATE TO THE MAIN MENU OF THE CONFIG TOOL (MODIFY GROUPS, DEVICE SETTINGS, ETC.) AND POWER OFF THE CONFIG TOOL.
17. FOR THE SMARTCAST 7-11 INSTALLATION VIDEO, SEE YOUTUBE CHANNEL LINK https://youtu.be/XNV4ooh1ryA

KEYED NOTES

1. CREE MODEL CCT-CWC-1 REMOTE CONTROL FOR MANUAL ON/OFF SWITCHING FOR SMARTCAST GROUPS 1, 2, 3, 4, & 5. LOCATED IN MANAGER'S DESK FOR EASY ACCESS. SEE ARCHITECTURAL SHEET EF-L FOR ORDERING INFORMATION.
2. OCCUPANCY SENSOR 'A', RE:5/E1.5, +42", TYP.
3. OCCUPANCY SENSOR 'B', RE:4/E1.5, TYP.
4. EVENLITE MODEL PW-25-LC-V1 INVERTER FOR EMERGENCY LIGHTING CIRCUIT. SEE DETAIL 9/E1.5 FOR WIRING DIAGRAM.
5. LIGHT SWITCH FOR COOLER TO HAVE WET LOCATION SWITCH COVER RACO 5121-0.

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09/03/2020

NO DATE REMARKS
REVISIONS

7-ELEVEN
STORE #41559

1245 S. VOLUSIA AVENUE
Orange City, FL 32763

PROJECT NO: 2019.0743
DATE: APRIL 7, 2020

E2.1
LIGHTING CONTROL PLAN

CHECKED: -- DRAWN: M.M

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