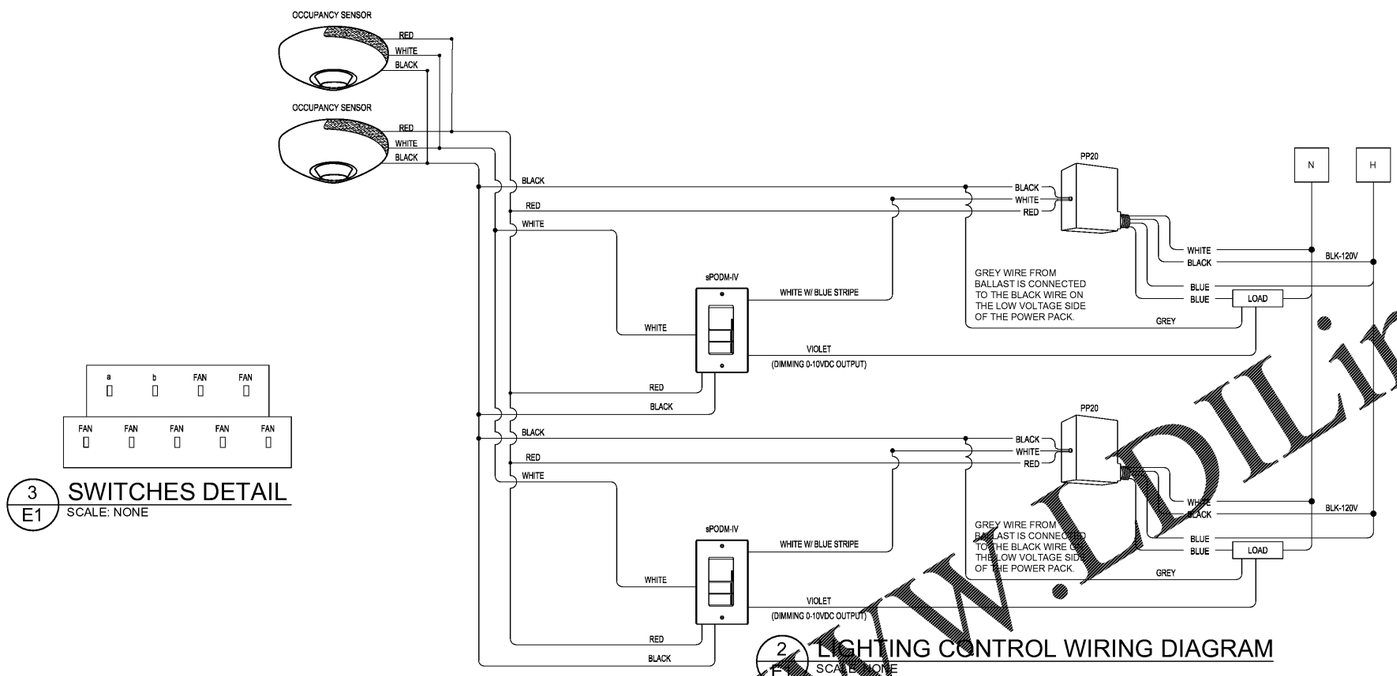
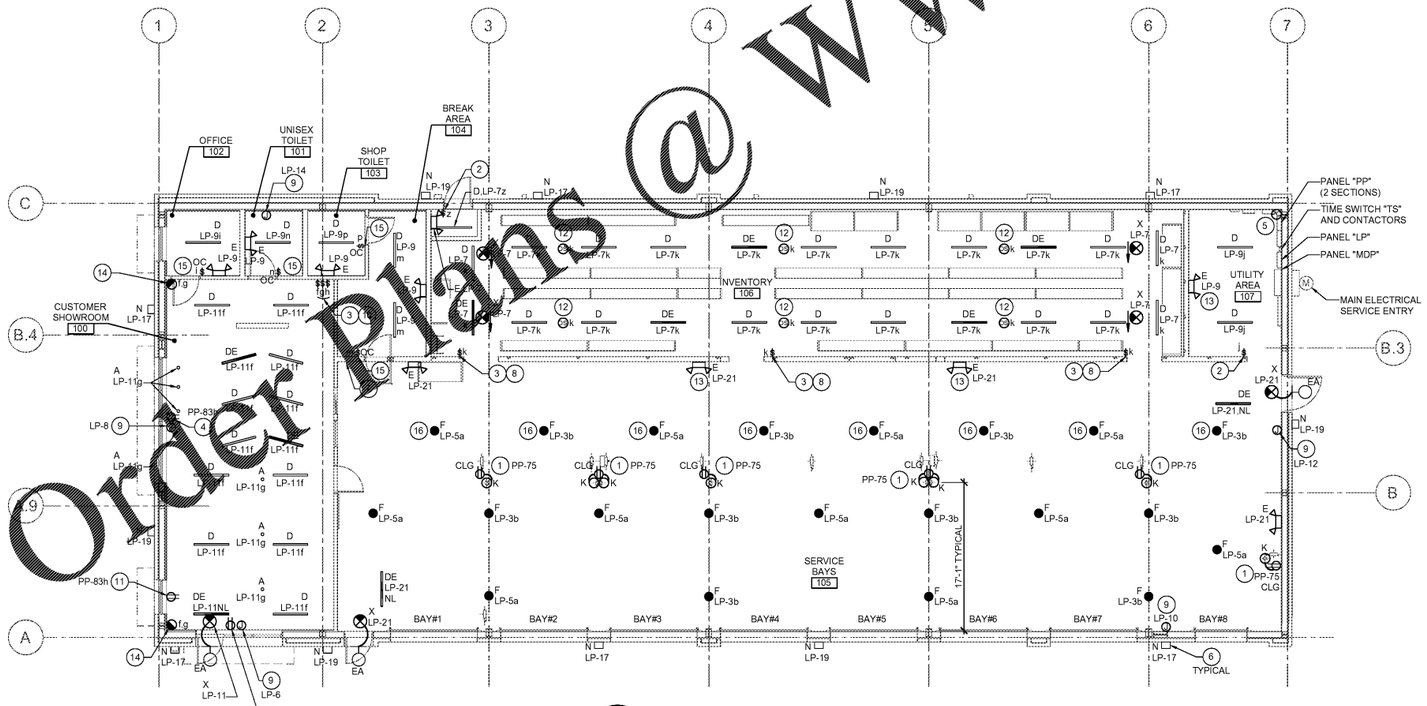


2 E1 LIGHTING CONTROL WIRING DIAGRAM
SCALE: NONE

3 E1 SWITCHES DETAIL
SCALE: NONE



1 E1 LIGHTING PLAN
SCALE: 1/8" = 1'-0"

LIGHTING PLAN GENERAL NOTES

1. ALL BATTERY EMERGENCY LIGHTING UNITS SHALL BE WIRED AHEAD OF THE SWITCH(ES) WHICH CONTROLS THE LIGHTING WHERE UNIT IS LOCATED. THE UNIT SHALL OPERATE WHEN THE NORMAL LIGHTING FAILS.
2. SEE "ARCHITECTURAL REFLECTED CEILING PLAN" FOR ALL LIGHTING FIXTURES LOCATION DIMENSIONS.
3. SEE "FIXTURE PLAN" SHEET F1 FOR ALL EQUIPMENT LOCATIONS AND QUANTITIES.
4. ALL WIRING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE NEC AND LOCAL CODE AUTHORITIES HAVING JURISDICTION. FOR ROUTING OF ALL CONDUITS, SEE "GENERAL ELECTRICAL NOTES" ON SHEET E3.
5. FOR MOUNTING HEIGHTS OF ALL LIGHT FIXTURE TYPES SEE "LIGHT FIXTURE SCHEDULE" ON SHEET E3, UNLESS NOTED OTHERWISE.

(#) LIGHTING PLAN KEYNOTES

1. CORD REEL LIGHT (FIXTURE TYPE "K"), MOUNTED TO ROOF STRUCTURE AT LOCATION SHOWN. COORDINATE INSTALLATION TO AVOID CONFLICT WITH OTHER EQUIPMENT. SEE "CORD REEL LIGHT DETAIL" ON SHEET E4 FOR ADDITIONAL INFORMATION AND COORDINATE WITH SHEET F1 FOR EXACT LOCATION.
2. PROVIDE TOGGLE SWITCH FOR MANUAL CONTROL OF LIGHTING FIXTURES AS INDICATED. MANUAL CONTROL IS FOR OCCUPANT SAFETY NEAR ELECTRICAL GEAR.
3. PROVIDE SENSOR SWITCH #PP20 POWERPACK(S) AS REQUIRED FOR LIGHTING CONTROLS IN THIS AREA.
4. PROVIDE RECEPTACLE 6" ABOVE SHOW WINDOW TO MEET NEC SHOW WINDOW REQUIREMENTS.
5. PROVIDE PHOTOCELLS. SEE "CONTACTOR DIAGRAM" AND "CONTACTOR NOTES" ON SHEET E5 FOR ADDITIONAL INFORMATION. PHOTOCELL TO FACE NORTH. PROVIDE A WEATHERTIGHT CONDUIT BODY ON INSIDE FACE OF BUILDING PARAPET WITH 1" RIGID CONDUIT TO 36" ABOVE ROOFLINE FOR PHOTOCELL. WHERE PARAPET DOES NOT EXIST, PROVIDE FREESTANDING RIGID CONDUIT WITH WEATHERPROOF ROOF PENETRATION. VERIFY LOCATION AND REQUIREMENTS IN FIELD.
6. ROUTE DESIGNATED CIRCUITS VIA TIME SWITCH "TS" AND CONTACTORS, AS NOTED IN THE "CONTACTOR DIAGRAM" AND "CONTACTOR NOTES" ON SHEET E5.
7. PROVIDE ONE (1) FOUR-GANG BOX AND (1) FIVE-GANG BOX WITH TWO (2) TOGGLE SWITCHES TO CONTROL SWITCH-LEGS (a,b) AND SEVEN (7) TOGGLE SWITCHES FOR THE CONTROL OF SHOP FANS ITEM 42. LABEL ALL SWITCHES TO CORRESPOND WITH THE CONTROLLED SWITCH-LEG OR FAN. PROVIDE MATCHING COVER PLATE. VERIFY SWITCHING ARRANGEMENT IN FIELD. ROUTE CONDUIT UP UP INSIDE FACE OF WALL FOR RECESSED BOX. SEE SWITCHES DETAIL (THIS SHEET) FOR MORE INFORMATION.
8. PROVIDE SWITCH (SENSOR SWITCH SPODM-IV) FOR MANUAL CONTROL OF LIGHTING FIXTURES AS INDICATED.
9. PROVIDE JUNCTION BOX ON BACK SIDE OF PARAPET FOR BUILDING MOUNTED SIGNAGE. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. DISCONNECT IS PROVIDED BY SIGNAGE VENDOR.
10. PROVIDE THREE (3) RECESSED SINGLE-GANG BOXES. TWO (2) WITH SWITCHES (SENSOR SWITCH #SPODM-IV) FOR (f,g) AND ONE (1) WITH A TOGGLE SWITCH (h). ALL WITH MATCHING COVER PLATES FOR SWITCHES LOCATED IN CUSTOMER SHOWROOM AREA. VERIFY SWITCHING ARRANGEMENT IN FIELD. ROUTE CONDUIT UP INSIDE FACE OF WALL.
11. INSTALL RECEPTACLE 6" ABOVE SHOW WINDOW (TO MEET NEC SHOW WINDOW REQUIREMENTS) FOR "OPEN" SIGN. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN. SEE SHEET F2 FOR ADDITIONAL INFORMATION. SECURE THE SMALL LOW VOLTAGE TRANSFORMER WHICH PLUGS INTO THE RECEPTACLE SO THAT THE TRANSFORMER CAN NOT COME OUT OF THE PLUG VIA GRAVITY.
12. PROVIDE CEILING MOUNTED HIGH BAY AISLE OCCUPANCY SENSOR (SENSOR SWITCH MODEL #CM-6) TO CONTROL LIGHTING IN INVENTORY AREA. PENDANT MOUNT ON CONDUIT BETWEEN LIGHT FIXTURES AT STRUCTURE.
13. FIXTURE TO BE PENDANT MOUNTED FROM CONDUIT AT STRUCTURE AT 13'-0" AFF.
14. PROVIDE CORNER MOUNTED OCCUPANCY SENSOR (SENSOR SWITCH #WV-16) TO CONTROL LIGHTS IN ROOMS AS DESIGNATED. INSTALL OCCUPANCY SENSOR A MAXIMUM OF 10'-0" AFF. PROVIDE ALL ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION. REFER TO DETAIL 2 (THIS SHEET) FOR ADDITIONAL INFORMATION.
15. PROVIDE OCCUPANCY SENSOR WITH SWITCH (SENSOR SWITCH #WSX-PDT). INSTALL ON WALL 48" AFF (TO TOP) IN ALL LOCATIONS. COORDINATE FINAL LOCATION WITH BSRO. ROOM LAYOUT MUST BE TAKEN INTO ACCOUNT BEFORE INSTALLATION.
16. THESE LIGHT FIXTURES ONLY TO BE MOUNTED AT 14'-6" AFF.

Order Plans @ WWW.LDILine.com

ACERTUS CONSULTING GROUP, LLC
14517 West 119th Street ◆ Olathe, Kansas 66215
P 913.322.2500 ◆ F 913.322.2510
www.AcertusGroup.com

Firestone COMPLETE AUTO CARE

THIS DRAWING IS THE PROPERTY OF BRIDGESTONE RETAIL OPERATIONS, LLC AND IS LOANED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF BRIDGESTONE RETAIL OPERATIONS, LLC. THE ACCEPTANCE OF THIS DRAWING WILL BE CONSTRUED AS AN ACCEPTANCE OF THE FOREGOING CONDITION AND AS A SUBMISSION TO THE EXCLUSIVE OWNERSHIP IN AND TO THE DRAWING BY BRIDGESTONE RETAIL OPERATIONS, LLC.

DISTRIBUTION OF ISSUE
THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT SUMMERVILLE, SC CONTEMPORANEOUSLY WITH ITS ISSUE DATE ON 12/20/2019 AND IT IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER DATE. ANY USE OF THIS DRAWING BY REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THIS DRAWING FOR USE ON ANOTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

NEW FCAC STORE
2020 ER
1762 STATE RD
SUMMERVILLE, SC

1 01/06/20 REV #1

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
ACERTUS CONSULTING GROUP, LLC
No. 4407

SOUTH CAROLINA PROFESSIONAL ENGINEER
RANDALL S. JACKSON
No. 25536
01/03/2020

ISSUE BLOCK

1	01/06/20	REV #1

PROPERTY NO.: 317910
6 DIGIT NO.: 799862
4 DIGIT NO.: 013K
AOR PROJECT NUMBER: 1955B67
TO PERMIT: DATE: 12-20-19
TO BID: DATE: ##-##-##

SHEET TITLE: LIGHTING PLAN

SHEET NUMBER: E1

Jan 03, 2020 - 9:38am - USER AaronAngel
G:\Bridgestone-Firestone (Engineering)\1920387 BSRO - Cane Bay, SC\Sheets\E1 LIGHTING PLAN.dwg