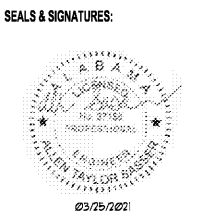




126 TICHENOR AVE
AUBURN, AL 36830
334.887.7010

IN ASSOCIATION WITH:
CONWAY & OWEN
Mechanics • Electrical • Plumbing
1109 South College Street
Auburn, AL 36832
P: (334) 826-8836 F: (334) 826-8559
www.Conway-Owen.com



REV	DESCRIPTION	DATE

101 N COLLEGE STREET
101 N. COLLEGE STREET
AUBURN, AL 36830



Project No.: SNA Project #: 2021-04
Client Project No.: 210000X
Drawing Title:
LEGEND AND NOTES - ELECTRICAL
Date: 03/25/2021 Phase:
Designed: -- Drawn: -- Checked: --
Drawing No.: **E0.1**

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT ON CENTER (COORD. WITH ARCH)
	CONDUIT RUN CONCEALED IN WALL OR CEILING	
	CONDUIT RUN CONCEALED IN THE FLOOR, UNDERGROUND, OR UNDER THE ELEVATED SLAB	
	CONDUIT RUN EXPOSED, ROUTE PARALLEL/PERPENDICULAR TO WALLS AND STRUCTURE.	
	CIRCUITS HOMERUN TO THE PANEL	
	NUMBER OF CONDUCTORS (GROUND NOT SHOWN)	
	FLEXIBLE CONDUIT OR CORD	
	PLYWOOD BACKBOARD	
	DUPLEX RECEPTACLE - WALL MOUNTED	18"
	ISOLATED GROUND DUPLEX RECEPTACLE - WALL MOUNTED	18"
	GFCI DUPLEX RECEPTACLE - WALL MOUNTED	18"
	OUTLET ABOVE THE COUNTER	6" ABOVE COUNTER
	QUADRUPLUX RECEPTACLE - WALL MOUNTED	18"
	SPECIAL AMP/VOLT RECEPTACLE - WALL MOUNTED	18"
	VOICE AND DATA OUTLET - WALL MOUNTED	18"
	VOICE OUTLET - WALL MOUNTED	18"
	TELEVISION CABLE OUTLET - PROVIDE CABLE	18"
	JUNCTION BOX	
	OUTLET BOX - WALL MOUNTED	
	1ST SWITCH - WALL MOUNTED	48"
	3-WAY SWITCH - WALL MOUNTED	48"
	4-WAY SWITCH - WALL MOUNTED	48"
	DIMMER SWITCH - WALL MOUNTED (PROVIDE WATTAGE AS REQUIRED)	48"
	277/480 VOLT PANELBOARD OR DISTRIBUTION PANEL	
	120/208 VOLT PANELBOARD OR DISTRIBUTION PANEL	
	DISCONNECT (FRAME AND POLES TO MATCH OCP OR AS NOTED)	
	FUSED DISCONNECT (FUSE AS NOTED)	
	DUCT MOUNTED SMOKE DETECTOR	
AC	ABOVE COUNTER	
AF	ABOVE FINISHED FLOOR	
BFG	BELOW FINISHED GRADE	
E / R	EXISTING / RELOCATED	
UNO	UNLESS NOTED OTHERWISE	
UP	WEATHER PROOF	

ELECTRICAL GENERAL NOTES:

- ALL WORK SHALL COMPLY WITH ALL LOCAL BUILDING CODES, LAWS, REGULATIONS, ORDINANCES AND 2014 NATIONAL ELECTRICAL CODE.
- THE ELECTRICAL WORK SHALL CONSIST OF ALL LABOR AND MATERIAL TO COMPLETELY INSTALL ALL ELECTRICAL WORKS AS SHOWN ON THESE DRAWINGS.
- COORDINATE LOCATION OF LIGHT FIXTURES IN AREAS OF MECHANICAL DUCTWORK AND PIPING WITH MECHANICAL CONTRACTOR. RELOCATE LIGHT FIXTURES, WIRING AND CONDUIT IF NECESSARY AS DIRECTED BY THE ARCHITECT/ENGINEER.
- ALL WORK ASSOCIATED WITH THE SCOPE OF THIS PROJECT INCLUDING EQUIPMENT, ACCESSORIES, DEVICES, SYSTEMS, ETC. SHALL BE COVERED BY A ONE YEAR GUARANTEE WHICH SHALL START AT THE TIME OF FINAL ACCEPTANCE BY THE OWNER. ANY DEFECTS IN PRODUCTS, INSTALLATION, OR WORKMANSHIP SHALL BE CORRECTED AT NO ADDITIONAL CHARGE AND SHALL INCLUDE ANY NECESSARY REPAIRS TO WALLS, FLOORS, MILLWORK, ETC. WHICH SHALL BE REPAIRED BACK TO NEW AND FINISHED CONDITION.
- THE CONTRACTOR SHALL KEEP A RECORD OF THE CHANGES WHICH ARE IN CONFLICT WITH THESE DRAWINGS AND SPECIFICATIONS. AT THE COMPLETION OF THIS WORK THE CONTRACTOR SHALL SUBMIT "AS BUILT" PRINTS TO THE OWNER.
- THE DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY SHOW THE EXACT ROUTING OR DETAILED FITTINGS. ALL WORK SHALL BE INSTALLED AS A COMPLETE SYSTEM WITH NECESSARY COMPONENTS, FITTINGS, STRAPS, ETC. ALL JUNCTION BOXES AND COMPONENTS SHALL BE INSTALLED SO THAT THEY ARE ACCESSIBLE.
- REFER TO THE ENTIRE CONTRACTED DRAWING SET AND SPECIFICATIONS FOR GUIDANCE ON DIMENSIONS, CEILING HEIGHTS, DOOR SWINGS, ROOM FINISHES, STRUCTURAL DETAILS, LOCATIONS OF DUCTWORK, PIPING AND STRUCTURAL MEMBERS. INSTALL THE ELECTRICAL SYSTEMS SO AS NOT TO INTERFERE WITH THE INSTALLATION OR FUNCTION OF ANOTHER DISCIPLINE WORK.
- ALL CONDUIT MUST BE CONCEALED ABOVE THE CEILING OR IN THE WALLS UNLESS OTHERWISE NOTED.
- COORDINATE RECEPTACLE NEMA TYPE AND VOLTAGE WITH ALL EQUIPMENT.
- THE CONTRACTOR SHALL INSTALL ALL WORK IN A NEAT AND WORKMANLIKE MANNER AND ACCORDING TO GENERALLY ACCEPTED PRACTICES OF FIRST CLASS WORKMANSHIP.
- PROVIDE A NEW DIRECTORY FOR ALL PANELS. CORRECTLY LABEL ALL CIRCUITS, SPACES AND SPARES PER NEC 408.4.
- ALL RECESSED LIGHTING FIXTURES SHALL BE FASTENED TO STRUCTURE OR GRID PER N.E.C. 410.
- ANY CONDUIT, BUSWAY, CABLE TRAY, SLEEVES, ETC. THAT PENETRATE RATED WALLS, CEILING AND FLOORS SHALL BE FIRE STOPPED PER CODE.
- MOUNTING HEIGHTS FOR DEVICES ARE TO BE MEASURED TO THE DEVICE CENTERLINE.
- ALL BRANCH CIRCUITS SHALL BE WIRED 1/2", 2-1/2", 1-1/2" MINIMUM, UNLESS OTHERWISE NOTED ON THE PLANS. ALL HOMERUNS SHALL BE A MINIMUM 3/4" CONDUIT.
- PROVIDE A SEPARATE GREEN, INSULATED, #12AWG EQUIPMENT GROUNDING CONDUCTOR ROUTED WITH THE BRANCH CIRCUIT HOMERUN CONDUCTORS. PROVIDE GROUND THROUGH ENTIRE CONDUIT RUN TO THE LAST DEVICE. ALL EQUIPMENT SHALL BE GROUNDED AT THE PANEL WHICH FEEDS THE EQUIPMENT. PROVIDE GROUNDING PER NEC 250.
- ALL SWITCHES FOR LIGHTS, FANS, ETC. WHICH ARE SHOWN TO BE MOUNTED IN THE SAME GENERAL AREA, SHALL SHARE A MULTI-GANG COVER PLATE AS REQUIRED.
- ARMORED CABLE MAY BE USED IN WALLS AND MILLWORK ONLY AND MUST BE MC TYPE (WITH GROUND). ALL CONDUIT TO AND ABOVE THE FLENUM SHALL BE EMT. ALL HOMERUNS SHALL BE IN CONDUIT RUN FROM THE FIRST DEVICE OR LIGHT FIXTURE TO THE PANEL.
- THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS, LIGHT FIXTURES, AND PARTITIONS. FINISHES FOR DEVICES AND COVERPLATES SHALL BE AS SELECTED BY ARCHITECT.
- PROVIDE A 2-GANG OUTLET BOX AND 1" CONDUIT WITH PULL STRING TO ABOVE ACCESSIBLE CEILING FOR ALL NEW DATA, TELEPHONE AND CABLE OUTLETS. COORDINATE PLASTER RING SIZE WITH TENANT AND CABLE ENDOR.
- LIGHT FIXTURES SHALL BE AS SCHEDULED, WITH ONLY PRE-APPROVED EQUAL FIXTURES ACCEPTABLE.
- ALL CONDUCTORS SHALL BE COPPER. CONDUCTORS FOR SIZES NO. 10 AND SMALLER SHALL BE TYPE "THIN" OR "THINWALL" CONDUCTORS. FOR SIZES NO. 8 AND LARGER SHALL BE TYPE "XHHW". SOLID CONDUCTORS TERMINATING IN A BREAKER OR DEVICE SHALL BE UTILIZED FOR WIRE SIZE NO. 12. MINIMUM WIRE SIZE SHALL BE NO. 12.
- ALL BOXES SHALL BE PRESSED STEEL, SINGLE PIECE (NON-GANGABLE) TYPE.
- ALL COVER PLATES SHALL MATCH EXISTING FACILITY STANDARDS.
- ALL COVER PLATES FOR DEVICES AND JUNCTION BOXES SHALL HAVE CIRCUIT NUMBERS LABELED WITH INDELEIBLE INK MARKER. DEVICE COVERS SHALL BE LABELED ON THE BACK. JUNCTION BOX COVERS SHALL BE LABELED ON THE FRONT.
- RECEPTACLES SHALL BE 120 VOLT, 20A WITH PARTS NUMBERS AS LISTED BY HUBBELL OR EQUAL BY ARROWHART, I46, OR LEVITON. COLOR SHALL BE AS SELECTED BY THE ARCHITECT.
SINGLE RECEPTACLE *HBL536D
DUPLEX RECEPTACLE *HBL536X
GFCI RECEPTACLE *GF357
- SWITCHES SHALL BE 120/277V, 20A WITH PARTS NUMBERS AS LISTED BY HUBBELL OR EQUAL BY ARROWHART, I46, OR EAGLE. COLOR SHALL BE AS SELECTED BY THE ARCHITECT.
SINGLE POLE *HBL22X
THREE WAY *HBL223X
(ADD "L" SUFFIX FOR KEYED LOCKING TYPE)
- PANELBOARDS, MOTOR STARTERS, SAFETY SWITCHES (HEAVY DUTY), ETC. SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, SQUARE D, SIEMENS OR CUTLER HAMMER. ALL BREAKERS SHALL BE "BOLT-ON" TYPE.
- ALL EQUIPMENT THAT IS TO BE WIRED BY ELECTRICAL CONTRACTOR AND FURNISHED BY OTHERS, ELECTRICAL CONTRACTOR SHALL REVIEW ALL SPECIFICATION SECTIONS, EQUIPMENT SCHEDULES, AND/OR DETAILS THROUGHOUT DOCUMENTS THAT PERTAIN TO THIS EQUIPMENT AND INCLUDE ALL WIRING AND DEVICES REFERENCED IN THEIR BIDS. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF THIS EQUIPMENT WITH RESPECTIVE CONTRACTOR PRIOR TO ROUGH-IN.
- ABANDONED WIRE SHALL BE REMOVED.
- WHERE WORK BY THE GENERAL CONTRACTOR (WALL REMOVE, NEW OR RELATED WALL OPENING, ETC.) RESULTS IN THE REMOVALS, REFEEDING, OR RELOCATION OF LIGHTING FIXTURES OR ELECTRICAL DEVICES, THE ELECTRICAL CONTRACTOR SHALL DISCONNECT OR RECONNECT AS REQUIRED ALL ACTIVE DEVICES REMAINING ON THAT CIRCUIT SYSTEM.
- RING OUT ALL CIRCUITS IN EXISTING PANEL AFFECTED BY THIS ALTERATION WHERE ADDITIONAL CIRCUITS ARE NEEDED, REFUSE CIRCUITS AVAILABLE FOR REUSE, OR PROVIDE NEW BREAKERS. TAG ALL UNUSED CIRCUITS AS SPARE, REPLACE ALL INOPERATIVE OR DEFECTIVE CIRCUIT BREAKERS, AND TIGHTEN ALL CONNECTIONS.
- WHERE DEMOLITION DISRUPTS ELECTRICAL CONTINUITY OF EXISTING RECEPTACLES/LIGHTS, AND NO RECONNECTION IS SHOWN, RECONNECT TO ITS EXISTING CIRCUIT.
- ALL DIMENSIONS OF EXISTING CONSTRUCTION ARE APPROXIMATE. THE ELECTRICAL CONTRACTOR SHALL MAKE ALL NECESSARY FIELD MEASUREMENTS OF EXISTING STRUCTURES AND EQUIPMENT TO VERIFY DIMENSIONS SHOWN ON THE DRAWINGS. PROVIDE PROPER DIMENSIONS NOT SHOWN PRIOR TO EQUIPMENT FABRICATION. ALL COST FOR MODIFICATIONS OF NEW CONSTRUCTION DUE TO LACK OF CONFIRMATION OF DIMENSIONS BY FIELD MEASUREMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- PROVIDE 120 VOLT POWER FOR ALL SMOKE/FIRE DAMPERS AND TIE DAMPERS BACK TO THE BUILDING FIRE ALARM SYSTEM SO THAT UPON ACTIVATION OF DUCT MOUNTED SMOKE DETECTOR OR INDIVIDUAL SENSORS ASSOCIATED WITH DAMPER A SIGNAL WILL BE SENT BACK TO THE BUILDING FIRE ALARM SYSTEM INDICATING ALARM AND STATUS OF DAMPER (OPEN/CLOSED). CONTRACTOR SHALL PROVIDE ALL WIRING, DUCT MOUNTED SMOKE DETECTORS, MODULES, RELAY AND ASSOCIATED EQUIPMENT REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE EXACT CONNECTION REQUIREMENTS BETWEEN ALL TRADES (ELECTRICAL, MECHANICAL, & FIRE PROTECTION). CONTRACTOR SHALL COORDINATE QUANTITY OF DUCT MOUNTED SMOKE DETECTORS.
- CONDUCTORS SHALL HAVE COLOR CODED JACKETS THE ENTIRE LENGTH. COLORS SHALL BE AS FOLLOWS
120/208 VOLT SYSTEM
PHASE 'A' - BLACK
PHASE 'B' - RED
PHASE 'C' - BLUE
FEEDER OR SHARED NEUTRAL - WHITE
BRANCH PHASE A NEUTRAL - WHITE W/ BLACK STRIPE
BRANCH PHASE B NEUTRAL - WHITE W/ RED STRIPE
BRANCH PHASE C NEUTRAL - WHITE W/ BLUE STRIPE
GROUND - GREEN

COMcheck Software Version 4.1.5.1 Interior Lighting Compliance Certificate

Project Information
Energy Code: 90.1 (2013) Standard
Project Title: Restaurant W
Project Type: Alteration
Construction Site: Auburn, AL
Owner/Agent:
Designer/Contractor: Conway & Owen
1455 Bluegrass Lakes Parkway
Alpharetta, GA 30004

Area Category	Floor Area (ft ²)	Allowed Watts / ft ²	Allowed Watts (B X C)
1-Common Space Types:Food Preparation	701	1.21	848
2-Common Space Types:Dining Area - Cafeteria/Fast Food	405	0.85	283
3-Common Space Types:Corridor/Transition <8 ft wide	289	0.66	191
4-Common Space Types:Restrooms	128	0.98	125
Total Allowed Watts =			1428

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	Lamps / Fixture	# of Fixtures	D Fixture Watt.	E (C X D)
Common Space Types:Food Preparation (701 sq.ft.) A: Other	1	12	42	504
Common Space Types:Dining Area - Cafeteria/Fast Food (405 sq.ft.) B: Other	1	13	26	334
Common Space Types:Corridor/Transition <8 ft wide (289 sq.ft.) B: Other	1	9	26	231
Common Space Types:Restrooms (128 sq.ft.) B: Other	1	4	26	103
Total Proposed Watts =				1172

Interior Lighting Compliance Statement
Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 90.1 (2013) Standard requirements in COMcheck Version 4.1.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.
ALLEN T. SASSER
Name - Title
Allen T. Sasser
Signature
03/25/2021
Date

Project Title: Restaurant W
Data filename: H:\Stacy Norman Architects\20382 - Restaurant W at Toomers Corner\Calks\E\20382 - W -
ComCheck.cck
Report date: 03/25/21
Page 1 of 6

COMcheck Software Version 4.1.5.1 Exterior Lighting Compliance Certificate

Project Information
Energy Code: 90.1 (2013) Standard
Project Title: Restaurant W
Project Type: Alteration
Exterior Lighting Zone: 3 (Other)
Construction Site: Auburn, AL
Owner/Agent:
Designer/Contractor: Conway & Owen
1455 Bluegrass Lakes Parkway
Alpharetta, GA 30004

Area/Surface Category	Quantity	Allowed Watts / Unit	Tradable Wattage	Allowed Watts (B X C)
Main entry	12 ft of door	30	Yes	360
Other door (not main entry)	3 ft of door	20	Yes	60
Total Tradable Watts (a) =				420
Total Allowed Watts (b) =				75

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 750 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	Lamps / Fixture	# of Fixtures	D Fixture Watt.	E (C X D)
Main entry (12 ft. of door width) - Tradable Wattage EX: Other	2	1	60	120
Other door (not main entry) (3 ft. of door width) - Tradable Wattage EX: Other	1	1	60	60
Total Tradable Proposed Watts =				180

Exterior Lighting Compliance Statement
Compliance Statement: The proposed exterior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 90.1 (2013) Standard requirements in COMcheck Version 4.1.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.
ALLEN T. SASSER
Name - Title
Allen T. Sasser
Signature
03/25/2021
Date

Project Title: Restaurant W
Data filename: H:\Stacy Norman Architects\20382 - Restaurant W at Toomers Corner\Calks\E\20382 - W -
ComCheck.cck
Report date: 03/25/21
Page 2 of 6