

LIGHT FIXTURES SPECIFIED BY ARCHITECT SHOWN. COORDINATE ALL CATALOG NUMBERS WITH ARCHITECT.

LIGHT FIXTURE SCHEDULE	
TYPE	DESCRIPTION
A	2X4 LED TROFFER. PROVIDE WITH 35K COLOR TEMPERATURE. PROVIDE WITH 4556 LUMEN OUTPUT. PROVIDE WITH 0-10V DIMMING DRIVER. 120-277V. COORDINATE ALL FINISH OPTIONS WITH ARCHITECT. LAMPS: 34W, LED MANUF: SLG LIGHTING 'TDS-24' SERIES OR APPROVED EQUAL
AE	SAME AS TYPE 'A' EXCEPT PROVIDE WITH EMERGENCY BATTERY PACK.
B	4' LED STRIP LIGHT. PROVIDE WITH 35K COLOR TEMPERATURE. PROVIDE WITH 3120 LUMEN OUTPUT. PROVIDE WITH 0-10V DIMMING DRIVER. PROVIDE WITH UNIVERSAL VOLTAGE DRIVER. COORDINATE ALL FINISH OPTIONS WITH ARCHITECT. LAMPS: 24W, LED MANUF: SLG LIGHTING 'TSS-G1' SERIES OR APPROVED EQUAL
BE	SAME AS TYPE 'B' EXCEPT PROVIDE WITH EMERGENCY BATTERY PACK.
C	2X2 LED TROFFER. PROVIDE WITH 35K COLOR TEMPERATURE. PROVIDE WITH 3325 LUMEN OUTPUT. PROVIDE WITH 0-10V DIMMING DRIVER. 120-277V. COORDINATE ALL FINISH OPTIONS WITH ARCHITECT. LAMPS: 25W, LED MANUF: SLG LIGHTING 'TDS-22' SERIES OR APPROVED EQUAL
W	LED WALL PACK. PROVIDE WITH UNIVERSAL VOLTAGE POWER SUPPLY. PROVIDE WITH UL LISTED FOR WET LOCATIONS. PROVIDE WITH WALL BRACKET. PROVIDE WITH TYPE 3 DISTRIBUTION. PROVIDE WITH 2000 LUMENS. COORDINATE EXACT MOUNTING HEIGHT. ALL FINISH OPTIONS, WITH ARCHITECT. COLOR TEMPERATURE TO MATCH EXISTING SITE LIGHTING. LAMPS: 44W, LED MANUF: LSI 'XWM' SERIES OR APPROVED EQUAL
WE	SAME AS TYPE 'W' EXCEPT PROVIDE WITH EMERGENCY BATTERY PACK.
X	120-277V UNIVERSAL RECESSED MOUNTED LED EDGE-LIT EXIT SIGN WITH CONTINUOUS ILLUMINATION. PROVIDE MIRRORRED BACKING FOR SINGLE FACE. PROVIDE DIRECTIONAL ARROW, DOUBLE OR SINGLE FACE AS INDICATED ON DRAWINGS. PROVIDE BATTERY BACKUP AND INTEGRAL TEST SWITCH. MANUF: MATCH BUILDING STANDARD OR APPROVED EQUAL

ELECTRICAL GENERAL NOTES

- ALL WORK IN THIS DIVISION SHALL COMPLY WITH ALL LOCAL BUILDING CODES, LAWS, REGULATIONS, ORDINANCES, AND THE REQUIREMENTS OF THE 2023 NATIONAL ELECTRICAL CODE.
- THE CONTRACTOR SHALL KEEP A RECORD OF THE CHANGES WHICH ARE IN CONFLICT WITH THESE DRAWINGS AND SPECIFICATIONS. AT THE COMPLETION OF HIS WORK HE SHALL SUBMIT 'AS BUILT' PRINTS AND ELECTRONIC CAD FILES TO THE OWNER.
- DRAWINGS ARE GENERALLY DIAGRAMMATIC AND DO NOT NECESSARILY SHOW EVERY FITTING AND DETAIL. ALL WORK SHALL BE INSTALLED SO THAT JUNCTION BOXES AND COMPONENTS WILL BE ACCESSIBLE FOR SERVICE.
- ALL SYSTEMS, EQUIPMENT, COMPONENTS, WORK, ETC. PROVIDED UNDER THIS DIVISION SHALL BE COVERED BY A ONE YEAR GUARANTEE STARTING AT THE TIME OF FINAL ACCEPTANCE OF THE WORK BY THE OWNER. ANY DEFECTS IN THE WORK, SYSTEMS, EQUIPMENT, OR COMPONENTS FOUND DURING THIS YEAR SHALL BE CORRECTED AT NO CHARGE. THE GUARANTEE SHALL INCLUDE PROVIDING ALL NECESSARY CUTTING, PATCHWORK, REPAINTING, ETC. TO MAKE THE WORK COMPLETE AND NEW.
- ALL CONDUCTORS SHALL BE COPPER WITH TYPE 'THW' OR 'THHN' WITH 90-DEGREE INSULATION TEMPERATURE RATING. THE MINIMUM WIRE SIZE SHALL BE #12 A.W.G.
- ALL CONDUIT SHALL BE CONCEALED IN THE WALLS OR ABOVE THE CEILING UNLESS OTHERWISE NOTED. ALL HOMERUN CIRCUITRY SHALL BE #12, 1#12G, 3/4" CONDUIT UNLESS NOTED OTHERWISE. ALL NON-HOMERUN CIRCUITRY SHALL BE #12, 1#12G, 1/2" CONDUIT UNLESS NOTED OTHERWISE.
- ALL WORK MUST BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER ACCORDING TO GENERALLY ACCEPTED PRINCIPALS OF FIRST CLASS WORKMANSHIP.
- ALL PENETRATIONS THRU WALLS, FLOORS, AND CEILINGS SHALL BE FIRE STOPPED PER N.E.C. 300.21. ALL UPPER SLAB PENETRATIONS SHALL BE SLEEVED AND SEALED PER OWNER'S REQUIREMENTS.
- ALL ROOF PENETRATIONS SHALL BE AS AUTHORIZED BY OWNER AND IN ACCORDANCE WITH OWNER REQUIREMENTS. MAINTAIN ROOF WATERTIGHT INTEGRITY.
- PROVIDE JUNCTION BOX WITH 3/4" EMT STUBBED UP TO 6" ABOVE ACCESSIBLE CEILING IN NEAREST WALL AT EACH TELEPHONE, DATA, AND COMBINATION TELEPHONE/DATA OUTLET. PROVIDE PULSTRING AND BUSHINGS AT THE TERMINATION ABOVE CEILING.
- FASTEN ALL RECESSED LIGHTING FIXTURES TO STRUCTURE OR GRID PER N.E.C. 410.10 & 410.36.
- PROVIDE ALL GROUNDING AS REQUIRED BY N.E.C.
- PROVIDE #12 A.W.G. GROUND CONDUCTOR FOR ALL MECHANICAL EQUIPMENT UNLESS OTHERWISE NOTED. ALL EQUIPMENT SHALL BE GROUNDED AT THE PANEL WHICH FEEDS THE EQUIPMENT.
- PROVIDE A SEPARATE GREEN, INSULATED, #12 A.W.G. EQUIPMENT GROUNDING CONDUCTOR ROUTED WITH THE BRANCH CIRCUIT HOMERUN CONDUCTORS.
- DEVICE MOUNTING HEIGHTS ARE TO BE MEASURED TO THE DEVICE CENTERLINE UNLESS NOTED OTHERWISE.
- ALL SWITCHES FOR FANS, LIGHTS, ETC. WHICH ARE SHOWN TO BE MOUNTED IN THE SAME GENERAL AREA SHALL SHARE A MULTI-GANG COVER PLATE AS REQUIRED.
- AT COMPLETION OF PROJECT, REMOVE ALL TEMPORARY CONSTRUCTION CIRCUITING, WIRING, CABLING, AND LIGHTING SYSTEMS.
- PROVIDE A PRINTED PANEL SCHEDULE FOR ALL PANELS. CORRECTLY LABEL ALL CIRCUITS, SPARES AND SPACES. NOTIFY DESIGN ENGINEER OF ANY DISCREPANCY OF PANEL LABELS.
- COORDINATE RECEPTACLE NEMA TYPE AND VOLTAGE WITH COPIERS AND EQUIPMENT.
- ALL CABLE USED IN PLENUM SHALL BE PLENUM-RATED.
- ARMORED CABLE MAY BE USED IN WALLS AND MILLWORK ONLY AND MUST BE MC TYPE (WITH GROUND). ALL CONDUIT TO AND ABOVE THE PLENUM SHALL BE EMT.
- ALL DEVICES SHALL HAVE WHITE COVER WHERE APPLICABLE AND ALLOWED BY ALL CODE.
- CONTRACTOR SHALL CLEAN SITE AT END OF PROJECT. ALL DUST, DEBRIS, OILS, SPRAYS, FINGERPRINTS, AND LABELS SHALL BE REMOVED FROM ALL EXPOSED FINISHED SURFACES.
- ALL SHADED OR HALF-SHADED LUMINAIRES SHOWN ON DRAWINGS SHALL BE EQUIPPED WITH A BATTERY BACK-UP. ANY FIXTURE USED FOR PATH OF EGRESS ILLUMINATION SHALL BE UNSWITCHED AND REMAIN ON CONTINUOUSLY.

FIRE ALARM SYMBOL LEGEND

SYMBOL	DESCRIPTION	ON CENTER MTG. HT.
	FIRE ALARM ADA APPROVED WALL MOUNTED HORN/STROBE ALARM. ENTIRE LENS SHALL NOT BE LESS THAN 80" AND NOT GREATER THAN 90" AFF.	80" A.F.F.
	FIRE ALARM ADA APPROVED WALL MOUNTED VISUAL ALARM. ENTIRE LENS SHALL NOT BE LESS THAN 80" AND NOT GREATER THAN 90" AFF.	80" A.F.F.
	FIRE ALARM ADA APPROVED CEILING MOUNTED HORN/STROBE ALARM. ENTIRE LENS SHALL NOT BE GREATER THAN 10'-0" AFF.	
	FIRE ALARM CONTROL PANEL	
	FIRE ALARM ANNUNCIATOR	
	FIRE ALARM BOOSTER PANEL	
	HEAT DETECTOR	
	FIRE ALARM SMOKE DETECTOR - WALL MTD., CEILING MTD.	12" BC
	FIRE ALARM PULL STATION	48" A.F.F.
	DUCT MOUNTED SMOKE DETECTOR	
	SMOKE DETECTOR OR DUCT MOUNTED SMOKE DETECTOR IN RETURN AIR PATH PER NFPA	
	FIRE ALARM MAGNETIC DOOR HOLD. COORDINATE WITH ARCHITECT.	
	FIRE ALARM CONNECTION TO SPRINKLER FLOW SWITCH	
	FIRE ALARM CONNECTION TO SPRINKLER TAMPER SWITCH	
	FIRE/SMOKE DAMPER - COORDINATE WITH DIVISION 23	
LEGEND NOTES: DEVICE BOXES IN RATED WALLS SHALL MEET STANDARD BUILDING CODE SECTION 705.4. COORDINATE DEVICE HEIGHTS WITH ARCHITECT'S PLANS AND ELEVATIONS. ALL FIRE ALARM DEVICES SHALL BE 110 CD AND 75 DBA UNLESS NOTED OTHERWISE. ALL FIRE ALARM HORNS AND STROBES SHALL BE WHITE UNLESS DIRECTED OTHERWISE BY OWNER AND ARCHITECT.		

FIRE ALARM STATEMENT:

THIS SET OF FIRE ALARM DESIGN DRAWINGS IS NOT APPROVED FOR CONSTRUCTION. ENGINEER SHALL REVIEW SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE CITY OF BLUE RIDGE. FAILURE TO OBTAIN APPROVED SHOP DRAWINGS PRIOR TO INSTALLATION WILL RESULT IN VIOLATION OF A "STOP WORK ORDER."

OCCUPANCY SENSOR SYMBOL LEGEND

SYMBOL	DESCRIPTION
	PROVIDE ALL LOW VOLTAGE CABLING REQUIRED FOR A COMPLETE INSTALLATION.
	POWER PACK FOR LOW-VOLTAGE OCCUPANCY SENSOR (WATTSTOPPER BZ-150 OR PRE-APPROVED EQUAL).
	CEILING-MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR (WATTSTOPPER DT-305 OR PRE-APPROVED EQUAL). PROVIDE ALL LOW-VOLTAGE WIRING AS NECESSARY.
	WALL-MOUNTED DUAL-TECHNOLOGY OCCUPANCY SENSOR (WATTSTOPPER DW-100 OR PRE-APPROVED EQUAL).
	WALL-MOUNTED MOMENTARY SWITCH FOR MANUAL OVERRIDE OF CEILING MOUNTED OCCUPANCY SENSOR IN ROOM SHOWN (WATTSTOPPER LVSW-101 OR PRE-APPROVED EQUAL).

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION	ON CENTER MTG. HT.
	CONCEALED CONDUIT IN CEILING OR WALL	
	CONCEALED CONDUIT IN FLOOR OR UNDERGROUND	
	EXPOSED CONDUIT	
	CIRCUIT HOMERUN TO PANEL; EACH ARROWHEAD = 1 CIRCUIT	
	NO. OF CONDUCTORS IN CONDUIT; EACH CROSSHATCH = 1 WIRE	
	FLEXIBLE CONDUIT OR S.O. CORD	
	CONDUIT STUBBED UP OR TURNED DOWN	
	PLYWOOD BACKBOARD	
	WALL MOUNTED DUPLEX RECEPTACLE OUTLET	18" AFF U.N.O.
	WALL MOUNTED DUPLEX RECEPTACLE OUTLET WITH (2) USB PORTS	18" AFF U.N.O.
	WALL MOUNTED G.F.C.I. DUPLEX RECEPTACLE OUTLET	18" AFF U.N.O.
	WALL MOUNTED DOUBLE DUPLEX RECEPTACLE OUTLET	18" AFF U.N.O.
	WALL MOUNTED DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER	②
	WALL MOUNTED G.F.C.I. DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER	②
	WALL MOUNTED SPECIAL RECEPTACLE OUTLET	AS REQUIRED
	CEILING MOUNTED DUPLEX RECEPTACLE OUTLET	AS REQUIRED
	JUNCTION BOX - SIZE AND MOUNTING AS REQUIRED	AS REQUIRED
	FLUSH FLOOR BOX WITH QUAD RECEPTACLE AND DATA/AV PROVISIONS. SEE ELECTRICAL PLANS FOR EXACT MODEL.	
	RECESSED WALL BOX (WIEMOLD EF884 OR EQUAL BY HUBBELL) WITH DUPLEX RECEPTACLE, CABLE FEED, AND AV PROVISIONS AT WALL MOUNTED TV LOCATION.	60" AFF U.N.O.
	CEILING MOUNTED DUPLEX RECEPTACLE OUTLET	AS REQUIRED
	WALL MOUNTED COMBINATION TELEPHONE/DATA OUTLET	18" AFF U.N.O.
	480/277 VOLT PANELBOARD	
	208/120 VOLT PANELBOARD	
	WALL MOUNTED S.P.S.T. TOGGLE SWITCH	48" AFF
	MOTOR-RATED TOGGLE SWITCH	AS REQUIRED
	MOTOR-RATED, TWO-POLE TOGGLE SWITCH	AS REQUIRED
	DISCONNECT SWITCH (FRAME/POLES/USAGE IF REQUIRED)	
	COMBINATION MOTOR STARTER (VFD)/DISCONNECT SWITCH (PROVIDED BY DIVISION 23)	
	MOTOR STARTER (PROVIDED BY DIVISION 23)	
	MOTOR - NUMBER INDICATES HORSEPOWER (F=FRACTIONAL)	
	MOTOR-OPERATED DAMPER (PROVIDED BY DIVISION 23)	
	MAGNETIC DOOR HOLD OPEN DEVICE	
	EXIT SIGN - CEILING, WALL MOUNTED	
	FLUORESCENT OR LED LIGHT FIXTURE.	
	FLUORESCENT OR LED LIGHT FIXTURE ON BATTERY BACKUP (90 MINUTE).	
	FLUORESCENT OR LED STRIP LIGHT FIXTURE.	
	WALL MOUNTED DOOR HOLD OPEN DEVICE.	
	FIRE ALARM ADA APPROVED SPEAKER/STROBE ALARM - WALL MTD.	
	FIRE ALARM ADA APPROVED STROBE ALARM - WALL MTD.	
	FIRE ALARM ADA APPROVED SPEAKER/STROBE ALARM - CEILING MTD.	
	TWO-WAY COMMUNICATION PANEL	
	FIRE ALARM CONTROL PANEL	
	FIRE ALARM POWER SUPPLY	
	UNLESS NOTED OTHERWISE	
	ABOVE FINISHED FLOOR/ABOVE FINISHED GRADE	
	BELOW CEILING	
	ABOVE COUNTER	
	WEATHER PROOF	
	DEDICATED CIRCUIT	

NOTES:

- PROVIDE ALL ACCESSORIES AND FITTINGS NEEDED FOR COMPLETE INSTALLATION
- COORDINATE EXACT MOUNTING HEIGHT AND REQUIREMENTS WITH ARCHITECT.

GENERAL NOTES:

- EACH MULTIWIRE BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES PER NEC 210.4(B).

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Rev	Date	Comments
	05/22/2026	Permit & Bid Set

COMcheck Software Version 4.1.5.5
Interior Lighting Compliance Certificate

Project Information
Energy Code: 2015 IECC
Project Title: FANNIN COUNTY AFTER SCHOOL
Project Type: New Construction

Construction Site: 580 WINDING DR
BLUE RIDGE, GA 30513
Owner/Agent: Designer/Contractor:

Additional Efficiency Package(s)
Credits: 1.0 Required 0.0 Proposed
Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-Common Space Types Classroom/Lecture/Training	2285	1.24	2833
Total Allowed Watts =			2833

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Common Space Types Classroom/Lecture/Training				
LED 1: AA/E: Other:	1	28	34	952
LED 1: opsy 1: B: Other:	1	2	50	100
LED 3: C: Other:	1	4	25	100
Total Proposed Watts =				1152

Interior Lighting PASSES: Design 59% better than code

Interior Lighting Compliance Statement
Compliance Statement: The proposed interior lighting design 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 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.
CRUZ RUIZ
Name - Title Signature Date 05/12/2026

Project Title: FANNIN COUNTY AFTER SCHOOL
Data filename: Y:\Studio\ATL02\2025-0544 Fannin County After School\COMcheck\Untitled.cck
Report date: 05/12/26
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COMcheck Software Version 4.1.5.5
Exterior Lighting Compliance Certificate

Project Information
Energy Code: 2015 IECC
Project Title: FANNIN COUNTY AFTER SCHOOL
Project Type: New Construction
Exterior Lighting Zone: 3 (Other (LZ3))

Construction Site: 580 WINDING DR
BLUE RIDGE, GA 30513
Owner/Agent: Designer/Contractor:

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Illuminated area of facade wall or surface	10 ft2	0.15	No	2
Total Tradable Watts (a) =				0
Total Allowed Watts =				2
Total Allowed Supplemental Watts (b) =				750

(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.

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Illuminated area of facade wall or surface (10 ft2): Non-tradable Wattage				
LED 1: WW/E: Other:	1	10	44	440
Total Tradable Proposed Watts =				0

Exterior Lighting PASSES: Design 0.0% better than code

Exterior Lighting Compliance Statement
Compliance Statement: The proposed exterior lighting design 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 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.
CRUZ RUIZ
Name - Title Signature Date 05/12/2026

Project Title: FANNIN COUNTY AFTER SCHOOL
Data filename: Y:\Studio\ATL02\2025-0544 Fannin County After School\COMcheck\Untitled.cck
Report date: 05/26/26
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Client:
Fannin County

Project Number: 24184
Project Name:
Fannin County Rec Center - Phase I

580 Winding Drive
Blue Ridge, Georgia 30513

Key Plan:

Sheet Title:
LEGEND AND GENERAL NOTES

Sheet Number:
E000-I

RELEASED FOR CONSTRUCTION AND PERMIT