

Plot Date: 8/19/2026 3:18:01 PM Path: AutodesK Docs://NCWSA Admin Bldg_V25/616202-NCWSA-ARCH_V25(Central).rvt

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BROWN AND CALDWELL
900 HAMMOND DRIVE, SUITE 500
ATLANTA, GA 30328



CONSTRUCTION
DOCUMENTS
07/01/2026



NCWSA OFFICE
ADDITION

REVISIONS

REV	DATE	DESCRIPTION
1	8/18/2026	AHJ COMMENTS

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: MW4
DRAWN: LDG
CHECKED: DEK
CHECKED:
APPROVED: Approver

FILENAME

BC PROJECT NUMBER
616202
CLIENT PROJECT NUMBER

COMCHECK

DRAWING NUMBER
A003



Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: 616202 NCWSA
Location: Covington, Georgia
Climate Zone: 3a
Project Type: Addition
Project No: 141435
All Electric: false
Is Renewable: false
Has Battery: false
Has Charger: false
Has Heat Pump: false

Construction Site:
11325 Brown Bridge Road
Covington , Georgia 30016

Owner/Agent:
Tim McCard
Newton County Water and Sewerage Authority
11325 Brown Bridge Road
Covington , Georgia 30016

Designer/Contractor:
Michael Worden
Wendel
1100 Abernathy Rd, Building 500, Suite 1050
Atlanta, Georgia 30328
678-222-0375
mworden@wendelcompanies.com

Notes:

Building Area

Description	Floor Area
1-Space0 (Office) - Nonresidential	8480

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Envelope Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: 616202 NCWSA
Location: Covington, Georgia
Climate Zone: 3a
Project Type: Addition
Vertical Glazing / Wall Area: 0.194

Construction Site:
11325 Brown Bridge Road
Covington , Georgia 30016

Owner/Agent:
Tim McCard
Newton County Water and Sewerage Authority
11325 Brown Bridge Road
Covington , Georgia 30016

Designer/Contractor:
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Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor
Roof:TPO Roof, Insulation Entirely Above Deck, 3-Year-Aged Solar Reflectance Index = 0.00, Thermal Emittance = 0.84 (c), [Bldg. Use 1 - Space0]	4167	---	33.00	0.030	0.039
Roof:Break Room Addition, All-Wood Joist/Rafter/Truss, [Bldg. Use 1 - Space0]	248	38.00	12.00	0.020	0.027
Roof:Lobby Roof, All-Wood Joist/Rafter/Truss, [Bldg. Use 1 - Space0]	1309	38.00	12.00	0.020	0.027
NORTH					
Ext Wall:North Addition Ext Wall, Metal Frame, 16" o.c., [Bldg. Use 1 - Space0]	1055	19.00	13.00	0.045	0.064
Window:Window Type K (N. CW), Metal Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.11, VT 0.64, [Bldg. Use 1 - Space0] (b)	113	---	---	0.280	0.460
Window:Window Type L (N. CW), Metal Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.25, VT 0.64, [Bldg. Use 1 - Space0] (b)	98	---	---	0.280	0.460
Window:Window Type A N. Add., Wood Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.26, VT 0.64, [Bldg. Use 1 - Space0] (b)	54	---	---	0.280	0.600
Ext Wall:North Renovation Ext Wall, Wood Frame, Any Spacing, [Bldg. Use 1 - Space0]	964	19.00	13.00	0.034	0.064
Window:Window Type A N. Add. 1st FL, Wood Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.27, VT 0.64, [Bldg. Use 1 - Space0] (b)	54	---	---	0.280	0.600
Door:Door 100A, Perf. Specs.: Product ID , SHGC 0.25, PF 0.54, VT 0.64, [Bldg. Use 1 - Space0] (b)	106	---	---	0.280	0.770
EAST					
Ext Wall:East Renovation Ext Wall, Wood Frame, Any Spacing, [Bldg. Use 1 - Space0]	201	19.00	13.00	0.034	0.064
Ext Wall:East Addition Ext Wall, Metal Frame, 16" o.c., [Bldg. Use 1 - Space0]	658	19.00	13.00	0.045	0.064
Window:Window Type C1 E. Add., Wood Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.37, VT 0.64, [Bldg. Use 1 - Space0] (b)	8	---	---	0.280	0.460
Window:Window Type B E. Add., Wood Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.35, VT 0.64, [Bldg. Use 1 - Space0] (b)	54	---	---	0.280	0.460
SOUTH					

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Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor
Ext Wall:South Addition Ext Wall, Metal Frame, 16" o.c., [Bldg. Use 1 - Space0]	1055	19.00	13.00	0.045	0.064
Window:Window Type C S. Add., Wood Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.26, VT 0.64, [Bldg. Use 1 - Space0] (b)	13	---	---	0.280	0.460
Window:Window Type A S. Add., Wood Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.26, VT 0.64, [Bldg. Use 1 - Space0] (b)	81	---	---	0.280	0.460
Ext Wall:South Renovation Ext Wall, Wood Frame, Any Spacing, [Bldg. Use 1 - Space0]	172	19.00	13.00	0.034	0.064
Window:Window Type A S. Ren., Wood Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.27, VT 0.64, [Bldg. Use 1 - Space0] (b)	27	---	---	0.280	0.460
WEST					
Ext Wall:West Renovation Ext Wall, Wood Frame, Any Spacing, [Bldg. Use 1 - Space0]	32	19.00	13.00	0.034	0.064
Ext Wall:West Addition Ext Wall, Metal Frame, 16" o.c., [Bldg. Use 1 - Space0]	2475	19.00	13.00	0.045	0.064
Window:Window Type H (W. CW), Metal Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.42, VT 0.64, [Bldg. Use 1 - Space0] (b)	248	---	---	0.280	0.460
Window:Window Type G (W. CW), Metal Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.11, VT 0.64, [Bldg. Use 1 - Space0] (b)	220	---	---	0.280	0.460
Window:Window Type C W. Add., Wood Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.26, VT 0.64, [Bldg. Use 1 - Space0] (b)	13	---	---	0.280	0.460
Window:Window Type A W. Add., Wood Frame, Perf. Specs.: Product ID , SHGC 0.25, PF 0.26, VT 0.64, [Bldg. Use 1 - Space0] (b)	108	---	---	0.280	0.460
Door:Door 143F, Perf. Specs.: Product ID , SHGC 0.25, PF 0.10, VT 0.64, [Bldg. Use 1 - Space0] (b)	40	---	---	0.280	0.600
Door:Door 144, Perf. Specs.: Product ID , SHGC 0.25, PF 0.10, VT 0.64, [Bldg. Use 1 - Space0] (b)	46	---	---	0.280	0.600
Door:Door 141, Uninsulated Double-Layer Metal, Swinging, [Bldg. Use 1 - Space0]	21	---	---	0.600	0.610

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) High albedo roof requirement options: 1) 3-year aged solar reflectance >= 0.55 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0, 3) Initial year aged solar reflectance >= 0.70 thermal emittance >= 0.75, 4) Initial year aged solar reflectance index >= 82.0.

Envelope PASSES: Design 37% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title	Signature	Date
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