ICC-ES Evaluation Report

ESR-1269

Reissued May 2026

This report also contains:

- **FL Supplement w/HVHZ**

Subject to renewal May 2027

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DIVISION: 03 00 00—CONCRETE **Section: 03 11 19—Insulating Concrete Forming**	**REPORT HOLDER:** **AMVIC CORPORATION**	**EVALUATION SUBJECT:** **AMVIC STANDARD AND AMVIC PLUS 3.30 EXPANDED POLYSTYRENE INSULATING CONCRETE FORMS (ICFs)**	

1.0 EVALUATION SCOPE

1.1 Compliance with the following codes:

- 2024, 2021, 2018 and 2015 *International Building Code*® (IBC)
- 2024, 2021, 2018 and 2015 *International Residential Code*® (IRC)
- 2013 *Abu Dhabi International Building Code* (ADIBC)†

†The ADIBC is based on the 2009 IBC as referenced under the ADIBC.

Properties evaluated:

- Structural
- Surface-burning characteristics
- Attic and Crawl space fire evaluation
- Types I-IV (Noncombustible) construction (for Amvic Standard ICFs only)
- Fire-resistance-rated construction

1.2 Evaluation to the following green code:

- 2025 *California Green Building Standards Code (CALGreen)*, Title 24, Part 11

Attributes verified:

- See Section 2.0

2.0 USES

Amvic Standard and Amvic Plus 3.30 Insulating Concrete Forms (ICFs) are used as stay-in-place forms for structural concrete, load-bearing and nonload-bearing, below-grade, and above-grade walls. The forms are used in construction of plain and reinforced concrete beams, lintels, exterior and interior walls, and foundation and retaining walls. The forms remain in place after placement and curing of concrete and must be protected by approved interior and exterior finish materials as described in Sections 4.2.2 and 4.2.3, respectively. For use in fire-resistance-rated construction, installation must be in accordance with Section 4.3. For use in buildings of Types I, II, III and IV (noncombustible) construction, installation of the Amvic Standard ICFs must be in accordance with Section 4.4.

The attributes of the Amvic ICF System have been verified as conforming to the provision of (i) CALGreen Sections A4.404.3.3 for premanufactured building systems. Note that decisions on compliance for those areas rest with the user of this report. The user is advised of the project-specific provisions that may be contingent upon meeting specific conditions, and the verification of those conditions is outside the scope of this report. These codes often provide supplemental information as guidance.

3.0 DESCRIPTION

3.1 General:

Amvic Standard and Amvic Plus 3.30 ICFs consist of two expanded polystyrene (EPS) foam plastic panels separated by injection-molded polypropylene cross-ties, which are pre-inserted in the EPS mold before molding so they are partially embedded into the EPS panels. The cross-ties of the Amvic Standard ICFs are spaced 6 inches (152 mm) on center horizontally, and maintain the EPS panels at a fixed clear distance of 4 inches (102 mm), 6 inches (152 mm), 8 inches (203 mm), 10 inches (254 mm) or 12 inches (305 mm). EPS panels for the Amvic Standard ICFs are 16 inches (406 mm) or 24 inches (610 mm) (for the 10 and 12 inch ICFs) high by 48 inches (1220 mm) long by 2.5 inches (64 mm) thick, measured at the center of the panel.

The cross-ties of the Amvic Plus 3.30 ICFs are spaced 8 inches (203 mm) on center horizontally, and maintain the EPS panels at a fixed clear distance of 6 or 8 inches (152 or 203 mm). EPS panels for the Amvic Plus 3.30 ICFs are 16 inches (406 mm) high by 48 inches (1220 mm) long by 3.25 inches (83 mm) thick, measure at the center of the panel.

When stacked in a running bond pattern, the Amvic Standard and Amvic Plus 3.30 ICFs create a cavity where steel reinforcement bars and concrete are placed to provide a solid monolithic concrete wall, which complies with the flat ICF wall system requirements in accordance with ASTM E2634 as specified in 2024 IBC Section 1903.3 (2021, 2018 and 2015 IBC Section 1903.4) and IRC Sections R404.1.3.3.6.1(5) and R608.4.4.

Several form configurations are available, including straight forms, 90° and 45° corner forms, and T-shaped forms for intersecting walls. See Figures 1A and 1B of this report for typical dimensions of representative Amvic Standard and Amvic Plus 3.30 ICFs, respectively.

3.2 Materials:

3.2.1 Foam Plastic: The EPS foam plastic panels have a flame-spread index of 25 or less and a smoke-developed index of 450 or less when tested in accordance with ASTM E84. The foam plastic has a nominal density of 1.5 pcf (24 kg/m^3) and complies with ASTM C578, Type II.

3.2.2 Polypropylene Cross-ties: The polypropylene cross-ties are used to connect the EPS panels and for attaching interior and exterior finishes. The cross-ties have openings to permit concrete to pass through. The cross-ties vary in length and have flanges which are 1$^1/_2$ inches wide by 15 inches high by 0.118 inch thick (38 by 381 by 3.0 mm) for the 4-, 6- and 8-inch (102, 152 and 203 mm) Amvic Standard and Amvic Plus 3.30 ICFs and 1$^1/_2$ inches wide by 22 inches high by 0.118 inch thick (38 by 559 by 3.0 mm) for the 10- and 12-inch (254 and 305 mm) Amvic Standard ICFs. The flange is embedded $^1/_2$ inch (12.7 mm) below the outside surface of the EPS panel.

3.2.3 Concrete: Concrete must be normal-weight concrete complying with the IBC, having a maximum $^3/_4$-inch (19.1 mm) aggregate and a minimum compressive strength of 2,500 psi (17 250 kPa) at 28 days except as indicated in footnote 1 of Table 2 when used for fire-resistance-rated construction. If construction of the ICF wall system is based on the IRC, the concrete must comply with IRC Sections R404.1.3 and R608.5.1, as applicable.

3.2.4 Reinforcement: The deformed steel reinforcement bars must have a minimum yield stress of either 40 ksi (275 MPa) or 60 ksi (413 MPa), depending on the structural design, and must comply with Section 20.2.1.3 of ACI 318 and IBC Section 1903. Under the IRC, reinforcement must comply with IRC Sections R404.1.3.3.7 and R608.5.2, as applicable.

3.2.5 Other Components: Wood members in contact with concrete for plates or window and door framing must be preservative-treated in accordance with the applicable code, or be of a natural durable species, and must be attached with hot-dipped galvanized steel fasteners in accordance with 2024 and 2021 IBC Section 2304.10.6 (2018 and 2015 IBC Section 2304.10.5) or 2024 IRC Section R304.3 (2021, 2018 and 2015 IRC Section R317.3), as applicable. Materials other than wood, such as vinyl, are permitted for window and door framing if approved by the code official.

4.0 DESIGN AND INSTALLATION

4.1 Design:

4.1.1 IBC Design, Including Alternative IBC Wind Design in Accordance with ICC 600: For buildings constructed under the provisions of the IBC, concrete walls formed by Amvic ICFs must be designed and constructed in accordance with IBC Chapters 16 and 19, as applicable. Footings and foundations must be designed and constructed in accordance with IBC Chapter 18.

Solid concrete walls formed by flat ICFs may be designed and constructed in accordance with the prescriptive provisions of Section 404 of ICC 600-20 (Section 409 of ICC 600-14 under the 2018 and 2015 IBC), subject to the limitations found in IBC Section 1609.1.1 Exception 1 and Section 1609.1.1.1. Design and construction under the provisions of ICC 600 are limited to the resistance of wind forces.

4.1.2 IRC Design Method: For buildings constructed under the provisions of the IRC, concrete walls formed by Amvic ICFs, which comply with the dimensional requirements found in IRC Table R608.3 and Figure R608.3(1) must be designed and constructed in accordance with IRC Sections R404.1.3 and R608, as applicable, for flat wall systems. ICFs not complying with the dimensional requirements found in IRC Table R608.3 (i.e., solid concrete wall thicker than 10 inches) must be designed and constructed in accordance with the provisions in Section 4.1.1.

The 4-inch-thick (102 mm) concrete walls are limited to above-grade construction in accordance with IRC Section R608.

Footings and foundations must be designed and constructed in accordance with IRC Chapter 4.

4.1.3 Alternate IRC Design Method: When the Amvic ICFs are used to construct buildings under the IRC provisions that do not conform to the applicability limits of IRC Sections R404.1.3 and R608.2, as applicable, construction must be in accordance with the prescriptive provisions of PCA 100, or the structural analysis and design of the concrete must be in accordance with ACI 318 and Chapters 16, 18 and 19 of the IBC.

4.2 Installation:

4.2.1 General: Amvic ICFs must be installed in accordance with the manufacturer's published installation instructions and this report. The manufacturer's published installation instructions and this report must be strictly adhered to, and a copy of the instructions must be available at the jobsite at all times during installation.

The ICFs and resulting concrete walls must be supported on concrete footings complying with IBC Chapters 18 and 19 and IRC Chapter 4, as applicable. Placement of the forms must begin at a corner and proceed around the building perimeter. The amount, placement and spacing of reinforcing required must be determined for each project, based on the approved plans and the applicable code. Vertical dowel bars embedded in the footing must extend into the footing and concrete walls with a minimum embedment length, and into concrete walls with a minimum lap splice length, conforming to Chapter 25 of ACI 318 or IRC Section R608.5.4, as applicable. Additional reinforcement around doors and windows must be described in the approved plans. Concrete quality, mixing and placement must comply with IBC Chapter 19 or IRC Sections R404.1.3.3 and R608.5.1, as applicable. Window and door openings must be built into the forms, with wood or polyvinyl chloride plastic frames of the same dimensions as the "rough stud opening" specified by the window or door manufacturer, prior to the placement of the concrete. Connections of concrete walls to footings, floors, ceilings, and roofs must be in accordance with IRC Section R608.9, or must be engineered in accordance with the IBC. Anchor bolts used to connect wood ledgers or plates to the concrete must be cast in place, with the bolts sized and spaced as required by design and the applicable code. Details must be prepared to accommodate the specific job situation, in accordance with the applicable code and the requirements, subject to the approval of the code official.

The minimum ambient temperature during concrete placement must be in accordance with ACI 306.

4.2.2 Interior Finish:

4.2.2.1 General: The Amvic ICFs exposed to the interior of the building must be finished on the interior of the building with an approved 15-minute thermal barrier, such as minimum $^1/_2$-inch-thick (12.7 mm) regular gypsum wall board complying with ASTM C36 or ASTM C1396, as required by IBC Section 2603.4 and 2024 IRC Section R303.4 (2021, 2018 and 2015 IRC Section R316.4), as applicable. The gypsum wall board must be installed vertically or horizontally and attached to the flanges of the plastic webs with No. 6, $1^5/_8$-inch-long (41 mm), Type W, coarse-thread, or Type S, fine-thread gypsum wallboard screws spaced 12 inches (305 mm) on center in the field of the board, 8 inches (203 mm) on center on the side edges and 6 inches (152 mm) on center on the top and bottom edges. When used in fire-resistance-rated construction, the gypsum wallboard

interior finish must be installed per Table 2. Gypsum wallboard joints must be taped and filled with joint compound in accordance with ASTM C840 or GA 216.

4.2.2.2 Attic and Crawl Space Installation: When the Amvic ICFs are used as walls of attics and crawl spaces and no ignition barrier is applied to the attic side or crawl space side of the foam plastic, all of the following conditions must be met:

1. Entry to the attic or crawl space is only to service utilities, and no storage is permitted.
2. There are no interconnected basement areas.
3. Air in the attic or crawl space is not circulated to other parts of the building.
4. Attic ventilation is provided when required by IBC Section 1202.2 (2015 IBC Section 1203.2) or IRC Section R806, as applicable.
5. Under-floor (crawl space) ventilation is provided when required by IBC Section 1202.4 (2015 IBC Section 1203.4) or IRC Section R408.1, as applicable.
6. Combustion air is provided in accordance with IMC (*International Mechanical Code*®) Section 701.

4.2.3 Exterior Finish:

4.2.3.1 Above Grade: The Amvic ICF wall system must be covered on the exterior with an approved wall covering in accordance with the applicable code or a current ICC-ES evaluation report. Under the IRC, the walls must be flashed in accordance with IRC Section R703.4. The approved exterior wall covering must be attached to the cross-ties using either minimum No. 6, Type S, fine-threaded drywall screws, minimum No. 6, Type W, coarse-thread drywall screws, or minimum No. 8 wood screws. The allowable capacity of the screws are indicated in Tables 1A and 1B of this report. The fasteners must be corrosion-resistant and have a sufficient length to penetrate the flanges of the webs and the wall of the corner rods by a minimum of $^1/_4$ inch (6.4 mm). A continuous length of the Amvic corner rods must be field-installed in walls with a maximum total height of 25 feet (7620 mm) in the preformed slot of the 90-degree corner units.

The spacing of the screws must be designed to resist the gravity loads of the wall covering and to resist the negative wind pressures. Negative wind pressure capacity of the exterior wall covering must be the same as that recognized in the applicable code for the generic wall covering or as listed in the current ICC-ES evaluation report for proprietary materials.

4.2.3.2 Below Grade: For basement wall installations, Amvic form surfaces must be dampproofed or waterproofed in accordance with IBC Section 1805 or IRC Section R406, as applicable. The dampproofing and waterproofing materials must be approved by Amvic Corporation and the code official, and must be free of solvents, hydrocarbons, ketones, or esters that will adversely affect the EPS panels. Adherence is required to the foundation drainage requirements in IBC Section 1805.4 or IRC Section R405.1, as applicable. No backfill is permitted to be applied against the wall until the complete flooring system supporting the top of the wall is in place unless the wall is designed as a freestanding wall that does not rely on the flooring system for structural support.

4.2.4 Foundation Walls: The ICF wall system is permitted to be used as a foundation stem wall when supporting wood-framed construction provided the forms are supported by approved concrete footings complying with the applicable code. Design and installation of the Amvic ICF system as foundation stem walls must comply with IBC Section 1807.1.5, or IRC Sections R404 and R404.1.3. For concrete foundation walls under the IRC, vertical reinforcement size and spacing must be in accordance with IRC Tables R404.1.2(2), R404.1.2(3), R404.1.2(4) and R404.1.2(8). For concrete foundation walls in accordance with the IBC, vertical reinforcement size and spacing must be in accordance with IBC Table 1807.1.6.2. Alternative design and construction may be in accordance with ACI 318, ACI 332 or PCA 100 (see IRC Section R404.1.3) for buildings under the IRC.

4.2.5 Retaining walls: The ICF systems, with reinforcement designed in accordance with accepted engineering principles, Section 4.1 and the applicable code, may be used as a retaining wall.

4.2.6 Protection Against Termites: Where the probability of termite infestation is defined as “very heavy” by the code official, the foam plastic must be installed in accordance with IBC Section 2603.8 or 2024 IRC Section R305.4 (2021, 2018 and 2015 IRC Section R318.4), as applicable. Areas of very heavy termite infestation must be determined in accordance with IBC Figure 2603.8 or 2024 IRC Figure R305.4 [2021 IRC Figure R318.4, 2018 IRC Figure R301.2(7), 2015 IRC Figure R301.2 (6)], as applicable.

4.3 Fire-resistance-rated construction:

Amvic ICFs may be used to construct fire-resistance-rated wall assemblies as shown in Table 2. The normal-weight concrete must have a minimum 28-day compressive strength of 4000 psi (27.6 MPa). The minimum size reinforcement bars and spacing must be designed and placed in accordance with ACI 318. For the 6-inch (152.4 mm) ICFs, the maximum axial compressive load must be 10,000 pounds per lineal foot (146 kN/m). Loads are based on a 10-foot (3.05 m) wall height.

4.4 Installation in Buildings of Types I, II, III and IV Construction (IBC):

4.4.1 General: Exterior walls constructed with Amvic Standard ICFs for use in buildings of any height required to be Types I, II, III and IV construction (IBC), must comply with the applicable conditions cited below:

4.4.1.1 Interior Finish: The EPS foam plastic insulation must be separated from the building interior with an approved 15-minute thermal barrier, such as minimum $^1/_2$-inch-thick (12.7 mm) regular gypsum wallboard installed as specified in Section 4.2.2.1.

4.4.1.2 Exterior Finish – EIFS: Dryvit Outsulation EIFS addressed in ESR-1232 may be installed over the exterior of the forms when applied using the reinforcing fabric or lath, base coat and finish coat materials described in ESR-1232.

4.4.1.3 Exterior Finish - Exterior Plaster: Metal lath and exterior cement plaster must comply with the applicable code, and the exterior plaster must be a minimum of $^7/_8$ inch (22.2 mm) thick. The lath must be attached to the flanges of the cross-ties with fasteners as described in Section 4.2.3.1.

4.4.1.4 Exterior Finish – Brick Veneer: Anchored brick veneer must be attached to the flanges of the cross-ties with fasteners as described in Section 4.2.3.1. Installation of the 4-inch-thick (102 mm) brick veneer must comply with the applicable code and must be installed with a minimum 1-inch (25.4 mm) air gap between the face of the exterior EPS formwork and the brick. The brick must be installed with a steel shelf angle attached to the concrete and installed at each floor line and at the top of each window and door opening.

4.4.1.5 Fireblocking: For applications on buildings of any height, foam plastic on the interior must be discontinuous at floor lines, on the interior side of exterior walls and both side of interior walls. Floor-to-wall intersections must be fire blocked in accordance with the IBC to prevent the passage of flame, smoke, and hot gasses from one floor to another. See Figure 2 for typical details.

4.4.2 One-story Buildings: As an alternate to the installation requirements in Section 4.4.1, one-story buildings may be installed with the following conditions:

4.4.2.1 Fire Sprinklers: The building must be equipped throughout with an automatic sprinkler system in accordance with IBC Section 903.3.1.1.

4.4.2.2 Exterior Finish: The exterior of the ICF wall must be covered with metal of a thickness of not less than 0.032 inch (0.81 mm), or aluminum or corrosion-resistant steel having a base-metal thickness of 0.016 inch (0.41 mm)

4.4.2.3 Interior Finish: The forms must be finished on the interior with an approved 15-minute thermal barrier such as $^1/_2$-inch-thick (12.7 mm) gypsum board. The gypsum board must be installed as described in Section 4.2.2.1.

4.5 Special Inspection:

4.5.1 IBC: Special inspection is required as noted in IBC Section 1705 for placement of reinforcing steel and concrete and for concrete cylinder testing. When an EIFS wall covering is applied, special inspection in accordance with 2024 and 2021 IBC Sections 1704.2 and 1705.17 (2018 and 2015 IBC Sections 1704.2 and 1705.16) is required, and the duties of the special inspector include verifying field preparation of materials, expiration dates, installation of components, curing of components, treatment of joints and application of sealants.

4.5.2 IRC: For walls constructed in accordance with Section 4.1.2 or PCA 100 as described in Section 4.1.3, special inspection is not required. For walls designed for use under the IRC, in accordance with the IBC, as described in Sections 4.1.1 and 4.1.3, special inspection in accordance with Section 4.5.1 of this report is required.

5.0 CONDITIONS OF USE:

The Amvic Insulating Concrete Forms described in this report comply with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 subject to the following conditions:

5.1 The ICF units are manufactured, identified and installed in accordance with this report and the manufacturer's published installation instructions. If there is a conflict between the Amvic's published installation instructions and this report, this report governs. The forms must be separated from the building interior, as described in Section 4.2.2, with an approved 15-minute thermal barrier, except for attic and crawl space construction as described in Section 4.2.2.2 of this report.

5.2 The Amvic ICF system is limited to buildings of combustible Type V (IBC), construction as defined in IBC Chapter 6, and to construction in accordance with the IRC, as applicable, except as described in Section 4.4 of this report.

5.3 For fire-resistance-rated construction, the conditions in Section 4.3 apply.

5.4 Special inspection must be provided as described in Section 4.5 of this report.

5.5 When use is in buildings required to be of noncombustible construction, as described in Section 4.4, the forms must have at least one label as described in Section 7.0 visible in every 160 square feet (15 m^2) of wall area, prior to the application of the wall covering.

5.6 When required by the code official, calculations showing compliance with the design requirements of Section 4.1.1 of this report must be submitted to the code official for approval, except that calculations are not required when the building design is based on the prescriptive provisions in Section 4.1.2 and 4.1.3, or when foundation design is based on the prescriptive provisions in Section 4.2.4. The calculations and details must be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed.

5.7 Concrete quality, mixture design and placement must comply with Section 4.2.1 of this report.

5.8 In areas where the probability of termite infestation is defined as "very heavy" and when insulation boards are used with wood construction, the foam plastic must be installed in accordance with Section 4.2.6.

5.9 When required by the code official, calculations showing compliance with IRC Sections R404.1.3.3.6 and R608.5.3, as applicable, must be submitted to the code official for approval. The calculations and details, establishing that the ICFs provide sufficient strength to contain concrete during placement and that the cross-ties are capable of resisting the forces created by fluid pressure of fresh concrete, must be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed.

5.10 Plastic cross-ties must be stored indoors away from direct sunlight.

5.11 The forms are manufactured by Amvic Corporation in Toronto, Ontario, Canada; Calgary, Alberta, Canada; and Salt Lake City, Utah, under a quality control program with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Stay-in-place, Foam Plastic Insulating Concrete Form (ICF) Systems for Solid Concrete Walls AC353 (24), published April 2025.

7.0 IDENTIFICATION

7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-1269) along with the name, registered trademark, or registered logo of the report holder must be included in the product label.

7.2 In addition, each pallet of Amvic ICFs are labeled with the product name, the manufacturing date, the lot number, the manufacturing location, and the phrase, "Acceptable for use in attic and crawl spaces". Additionally, one ICF on each pallet must be labeled on both sides of the form with the same information.

One label as described above must be visible in every 160 square feet (15 m^2) of wall area.

7.3 The report holder's contact information is the following:

AMVIC CORPORATION
501 McNICOLL AVENUE
TORONTO, ONTARIO M2H 2E2
CANADA
(877) 470-9991
www.amvicsystem.com

TABLE 1A—ALLOWABLE WITHDRAWAL AND LATERAL RESISTANCE LOAD CAPACITIES OF SCREWS FOR AMVIC STANDARD ICFS

SCREW TYPE	CAPACITY (lb)	
	Withdrawal	Lateral Resistance
No. 6, Type S, fine-thread, corrosion-resistant drywall screw	27	55
No 6, Type W, coarse-thread, corrosion-resistant drywall screw	29	73
No 8, Type W, coarse-thread, corrosion-resistant drywall screw	35	85

For **SI:** 1 lbf = 4.45 N.

TABLE 1B—ALLOWABLE WITHDRAWAL AND LATERAL RESISTANCE LOAD CAPACITIES OF SCREWS FOR AMVIC PLUS 3.30 ICFS

SCREW TYPE	CAPACITY (lb)	
	Withdrawal	Lateral Resistance
No. 6, Type S, fine-thread, corrosion-resistant drywall screw	22	40
No 6, Type W, coarse-thread, corrosion-resistant drywall screw	24	43
No 8, Type W, coarse-thread, corrosion-resistant drywall screw	23	63
No. 8 corrosion-resistant wood screws	26	52

For **SI:** 1 lbf = 4.45 N.

TABLE 2—FIRE-RESISTANCE-RATED WALL ASSEMBLIES[4]

FIRE-RESISTANCE RATING[3]	OVERALL ICF THICKNESS	NOMINAL CONCRETE CORE THICKNESS[1]	MAXIMUM AXIAL COMPRESSION LOAD BEARING CAPACITY[7]	INTERIOR WALL FINISH
2-Hour	9 inches	4 inches	N/A[5]	1-layer $^5/_8$ in. gypsum board - fasten 12 in. o.c.horizontally and 8 in o.c. vertically[6]
3-Hour	11 inches	6 inches	10,000 lbs/ft[8]	1-layer $^1/_2$ in. gypsum board - fasten 12 in. o.c.horizontally and 16 in o.c. vertically[2]

For **SI:** 1 inch = 25.4 mm, 1 lb/ft = 14.6 N/m.

[1]Concrete must be normal-weight concrete [150-155 lb/ft^3) (2403-2483 kg/m^3)] with a minimum 28-day compressive strength of 4000 psi (27,000 kPa).
[2]See Section 4.2.2.1 of this report for type of fastener.
[3]Exterior finishes are not required, in order to achieve assembly rating.
[4]The wall assembly may be used as either an interior or exterior wall. When used as an interior wall, both sides of the form must be protected with the interior wall finish as noted in the table. Concrete walls must be designed and installed in accordance with this report.
[5]Limited to nonload-bearing assemblies only.
[6]No 8 coarse-thread, $2^5/_8$-inch-long (66 mm) drywall screws required.
[7]Load is based on a 10-foot wall height.
[8] Steel reinforcing bars are not required to achieve assembly rating. Concrete must be reinforced per ACI 318, as required for the applied load. See Section 3.2.4.

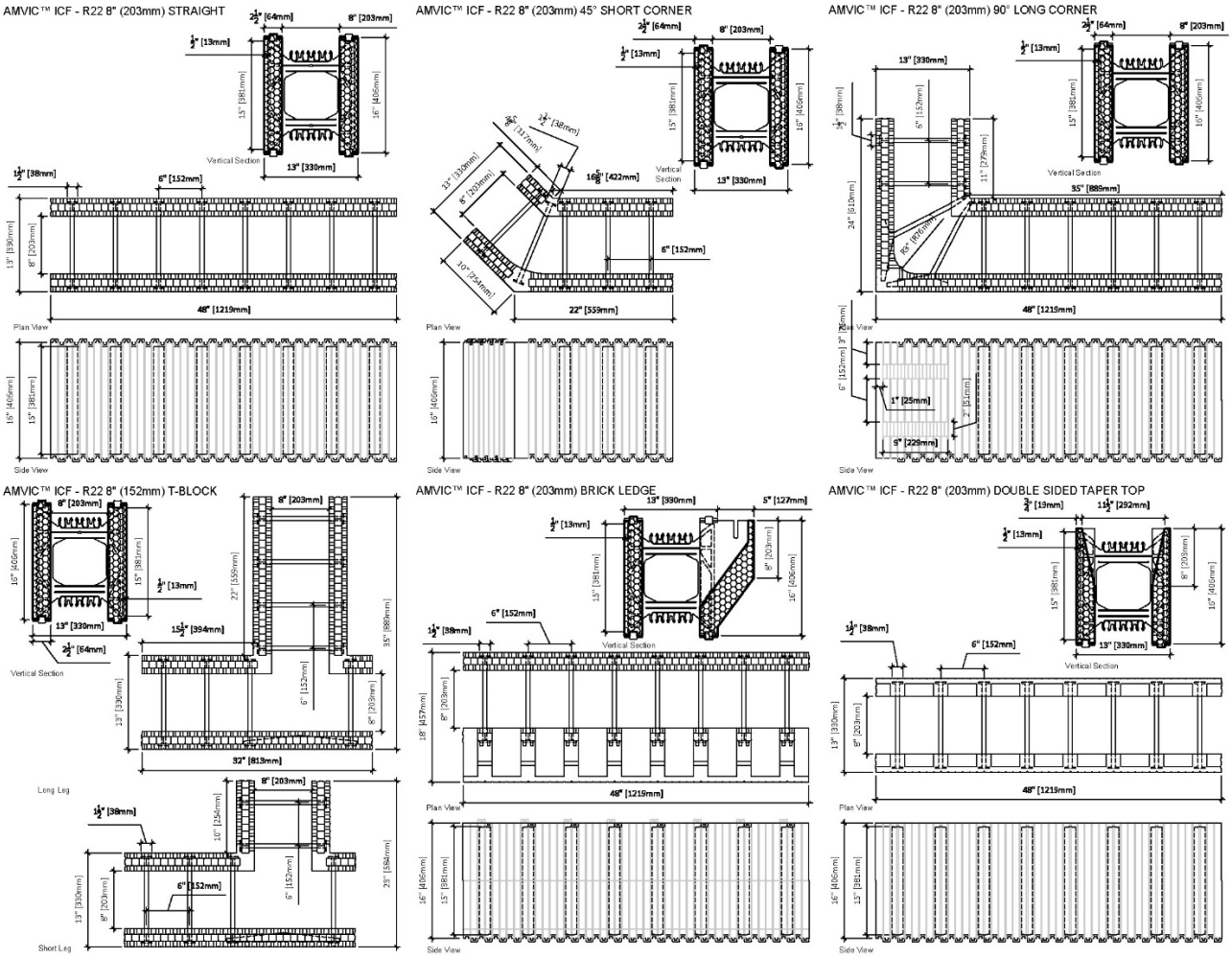


FIGURE 1A—AMVIC STANDARD FORM SHAPES

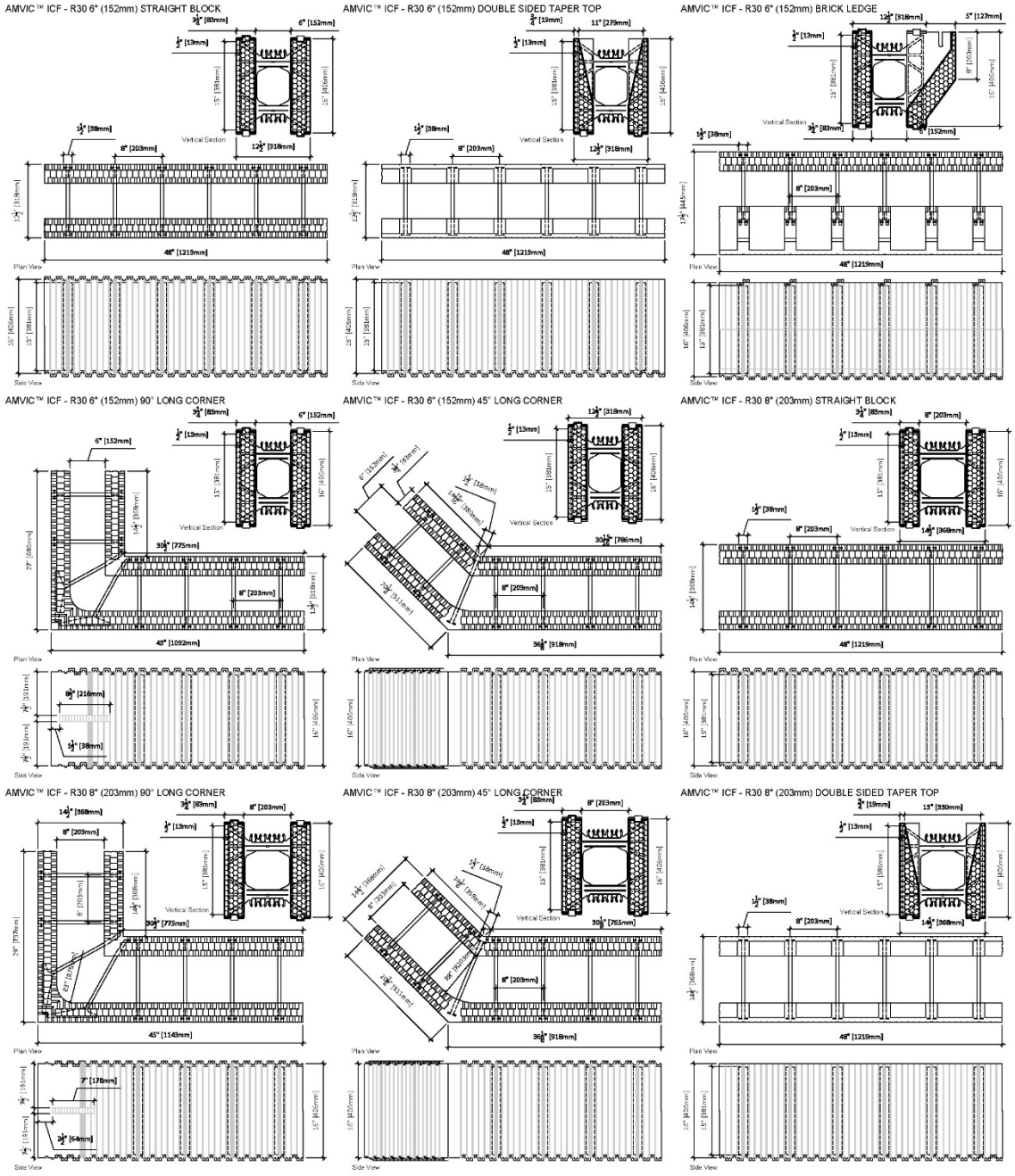
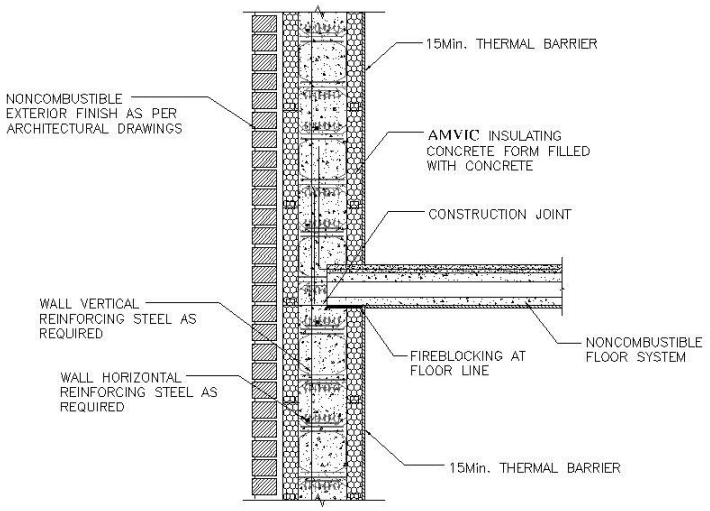
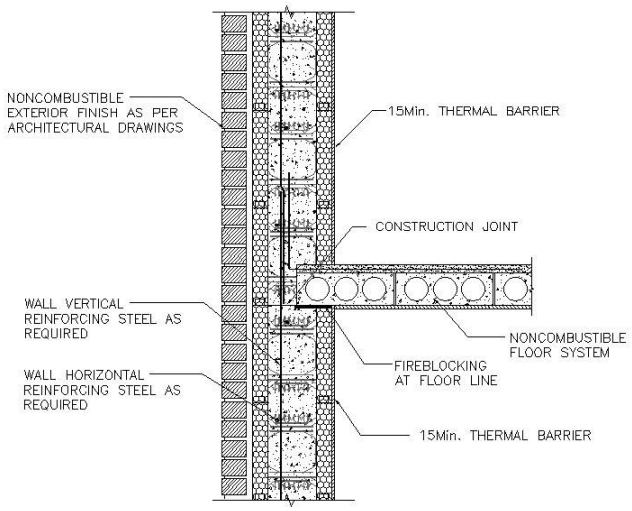


FIGURE 1B—AMVIC PLUS 3.30 FORM SHAPES



TYPICAL FLOOR CONNECTION DETAIL
NONCOMBUSTIBLE CONSTRUCTION



TYPICAL FLOOR CONNECTION DETAIL
NONCOMBUSTIBLE CONSTRUCTION

FIGURE 2—NONCOMBUSTIBLE CONSTRUCTION DETAILS

DIVISION: 03 00 00—CONCRETE
Section: 03 11 19—Insulating Concrete Forming

REPORT HOLDER:

AMVIC CORPORATION

EVALUATION SUBJECT:

AMVIC STANDARD AND AMVIC PLUS 3.30 EXPANDED POLYSTYRENE INSULATING CONCRETE FORMS (ICFs)

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Amvic Standard and Amvic Plus 3.30 ICFs, described in ICC-ES evaluation report ESR-1269, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2023 *Florida Building Code—Building*
- 2023 *Florida Building Code—Residential*

2.0 CONCLUSIONS

The Amvic Standard and Amvic Plus 3.30 ICFs, described in Sections 2.0 through 7.0 of ICC-ES evaluation report ESR-1269, comply with the *Florida Building Code—Building* and *Florida Building Code—Residential.* The design requirements must be determined in accordance with the *Florida Building Code—Building* or the *Florida Building Code—Residential,* as applicable. The installation requirements noted in ICC-ES evaluation report ESR-1269 for the 2021 *International Building Code®* meet the requirements of the *Florida Building Code—Building* or the *Florida Building Code—Residential,* as applicable, with the following conditions:

- In Section 4.1 of the evaluation report, for applications subject to the *Florida Building Code—Building,* Chapters 16, 18, and 19 of the *Florida Building Code—Building* are used in lieu of Chapters 16, 18, and 19 of the 2021 IBC, as applicable. For applications subject to the *Florida Building Code—Residential,* Section R608 of the *Florida Building Code—Residential* is used in lieu of Section R608 of the 2021 IRC, as applicable.
- In Section 4.2 of the evaluation report, for applications subject to subject to the *Florida Building Code—Building,* Chapters 12, 18, Chapter 19, and Section 2603.8 of the *Florida Building Code—Building* are used in lieu of Chapters 12, 18 and 19, and Section 2603.8 of the 2021 IBC, as applicable. For applications subject to the *Florida Building Code—Residential,* Section R318, Chapter 4, and Sections R608, R703.8, and R806 of the *Florida Building Code—Residential* are used in lieu of Section R318, Chapter 4, and Sections R608, R703.4, and R806 of the 2021 IRC, as applicable.

Use of the Amvic Standard and Amvic Plus 3.30 ICFs has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* or the *Florida Building Code—Residential*, provided the Amvic Standard and Amvic Plus 3.30 ICFs are covered with an approved exterior veneer.

For products falling under Florida Rule 61G20-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission). Florida Rule 61G20-3 is applicable to products and/or systems which comprise the building envelope and structural frame for compliance with the structural requirements of the Florida Building Code.

This supplement expires concurrently with the evaluation report, reissued May 2026.