International Energy Conservation Code
Consensus Committee-Commercial

Meeting Agenda (Draft 4/18)

April 20, 2022
2:00 PM Eastern to 5:00 PM Eastern (3 hours)
Webex Link

Committee Chair: Duane Jonlin
Committee Vice Chair: Emily Hoffman

1. Call to order.

2. Meeting Conduct. Staff
   a. Identification of Representation/Conflict of Interest
   b. ICC Council Policy 7 Committees: Section 5.1.10 Representation of Interests
   c. ICC Code of Ethics: ICC advocates commitment to a standard of professional behavior that exemplifies the highest ideals and principles of ethical conduct which include integrity, honesty, and fairness. As part of this commitment it is expected that participants shall act with courtesy, competence and respect for others.

3. Roll Call – Hoffman

4. Approval of Agenda

5. Approval of Minutes

6. Administrative issues.
   a. Progress indicators

7. Action Items.
   a. Code Change Proposals

CEPI-188-21 (Exterior Lighting Res. Provisions)	(Elect. Power as modified 13-0-1)
CEPI-212-21 (Performance Stand Ref Table)	(Modeling as modified 16-0-1)
CEPI-23-21 (Prescriptive Removing system limit)	(Modeling approve 15-0-1-1)
CEPI-255-21 Part I (Above Base Energy Code Appdx)	(Modeling approve 9-0-8-1)
CEPI-15-21 Part I (Emmitance definition)	(Envelope approve 18-0-1)
CEPI-29-21 (Envelope Mechanical Penetrations)	(Envelope as modified 15-0-1)
CEPI-43-21 (Steel Assemblies)	(Envelope as modified 19-0-1)
CEPI-31-21 (Wall Solar Reflectance)	(Envelope as modified 15-1-3)
CEPI-34-21 (Thermal Bridging)	(Envelope as modified 14-1-1)
CEPI-35-21 (R Value Table footnote C)	(Envelope as modified 15-0-2)
CEPI-36-21 (R Value Table slab footnote D)	(Envelope approve 13-1-3)

CEPI-37-21 (R Value Table slab footnote E) (Envelope approve 15-0-2)
CEPI-38-21 (R Value Table wall insulation options) (Envelope approve 14-2-1)

8. Subcommittee & Temporary Work Group reports
    a. Envelope and Embodied Energy- Culp
    b. Electrical Power, Lighting, and Renewables-Jouaneh
    c. HVACR & Water Heating-Shelide
    d. Modeling, Whole-Building Metrics, Zero Energy-Eades
    e. Construction Cost & LCC Update- Tillou

9. Other business.
    a. Public comment on any matters discussed at the meeting (Please limit comments to 2 minutes. Further comments can be directed to the Secretariat following the meeting to be considered at a future meeting.)

10. “3 Minutes of Fame.” Speakers TBD

11. Upcoming meetings.

12. Adjourn.

FOR FURTHER INFORMATION BE SURE TO VISIT THE ICC WEBSITE:
IECC Commercial Consensus Committee Webpage
https://www.iccsafe.org/products-and-services/i-codes/code-development/cs/iecc-commercial-consensus-committee/
ICC Energy webpage
https://www.iccsafe.org/products-and-services/codes-standards/energy/
Code Change Proposal Submittals
https://energy.cdpaccess.com/login/
Energy Complete Monograph
Monograph

FOR ADDITIONAL INFORMATION, PLEASE CONTACT:

Kristopher Stenger, AIA, Director of Energy Programs
International Code Council
kstenger@iccsafe.org

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-188-21 Exterior Lighting Residential Provisions
CDP ID #	386
Code	IECC CE
Code Section(s)	C405.5.1, C405.3.1, C405.2 New Section n
Location	base
Proponent	Jack Bailey jbailey@oneluxstudio.com
Proposal Status	SC rev
Subcommittee	CE Elec, Light
Subcommittee Notes	Reason: For consistency with previously approved proposal CEPI-135.
Recommendation	As Modified C405.5.1 Total connected exterior building exterior lighting power. 14.Lighting controlled from within sleeping units and dwelling units.
Vote	13-0-1
Recommendation Date	March 28, 2022
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-212-21 Performance Standard Ref Table Roof
CDP ID #	335
Code	IECC CE
Code Section(s)	C407.4.1(1) table New Section n
Location	base
Proponent	Jay Crandell jcrandell@aresconsulting.biz
Proposal Status	SC rev
Subcommittee	CE Model, Metrics
Subcommittee Notes	The SC unanimously accepted this proposal to correct the solar absorptance and emittance factors contained in Table C407.4.1(1)
Recommendation	Accept the CCP as modified.
Vote	Accept-16, Reject-0, Abstain-1
Recommendation Date	4/18/22
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____✓_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

CEPI-212-21 (MODIFICATION)

IECC®: TABLE C407.4.1(1)

Proponents: Jay Crandell, P.E., ABTG/ARES Consulting, representing Foam Sheathing Committee of the American Chemistry Council (jcrandell@aresconsulting.biz)

2021 International Energy Conservation Code

Modify as follows:

(shown as blue highlighting for clarity)

REVISED MODIFICATION (SHOWING ONLY CHANGES TO THE ORIGINAL PROPOSAL)

TO ADDRESS CONCERN THAT THE OLD MODIFICATION (BELOW) MISSED THE LIMIT IN SECTION C402.3 TO ONLY APPLY TO LOW-SLOPE ROOFS OVER COOLED CONDITIONED SPACES FOR COOL ROOFS IN CZ 0-3

TABLE C407.4.1(1)

SPECIFICATIONS FOR THE STANDARD REFERENCE AND PROPOSED DESIGNS

Portions of table not shown remain unchanged.

BUILDING COMPONENT CHARACERISTICS	STANDARD REFERENCE DESIGN	PROPOSED DESIGN
Roofs	Type: insulation entirely above deck	As proposed
	Gross area: same as proposed	As proposed
	U-factor: as specified in Table C402.1.4	As proposed
	Solar absorptance: 0.75 except as specified in Section C402.3 and Table C402.3 for Climate Zones 0, 1, 2, and 3	As proposed
	Emittance: 0.90 except as specified in Section C402.3 and Table C402.3 for Climate Zones 0, 1, 2, and 3	As proposed

Reason for Modification: The original proposal is modified by adding reference to Section C402.3 (not just Table C402.3) so that the application of the cool roof requirements for solar reflectance and emittance only applies to low-slope roofs over cooled spaces in Climate Zones 0-3 to be consistent with prescriptive requirements in Section C402.3.

Reason Statement: This proposal aligns the standard reference design roof parameters with conditions required in the prescriptive path for roof solar reflectance and thermal emittance in Section C402.3. The prescriptive provisions are intended to serve as the basis for the standard reference design in the performance path of Section C407.

Cost Impact: The code change proposal will neither increase nor decrease the cost of construction.

This proposal addresses an apparent error or omission in aligning the standard reference design with the prescriptive path which is unchanged by this proposal and is the basis of cost-effectiveness.

OLD MODIFICATION – MISSING LIMIT TO LOW-SLOPE ROOF PER SECTION C402.3.

TABLE C407.4.1(1)

SPECIFICATIONS FOR THE STANDARD REFERENCE AND PROPOSED DESIGNS

Portions of table not shown remain unchanged.

BUILDING COMPONENT CHARACERISTICS	STANDARD REFERENCE DESIGN	PROPOSED DESIGN
Roofs	Type: insulation entirely above deck	As proposed
	Gross area: same as proposed	As proposed
	U-factor: as specified in Table C402.1.4	As proposed
	Solar absorptance: Climate Zone 0, 1, 2, and 3 = 0.45 and 0.75 in all others ~~except as specified in Table C402.3 for Climate Zones 0, 1, 2, and 3~~	As proposed
	Emittance: Climate Zone 0, 1, 2, and 3 = 0.75 and 0.90 in all others ~~except as specified in Table C402.3 for Climate Zones 0, 1, 2, and 3~~	As proposed

Reason for Modification: The modification doesn't change the technical intent of the proposal, but changes formatting to provide the required values for solar absorptance and emittance directly in table rather than referencing Table C402.3 for Climate Zones 0, 1, 2, and 3.

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-023-21 Prescriptive Removing system type limit
CDP ID #	223
Code	IECC CE
Code Section(s)	C401.2.1 New Section n
Location	base
Proponent	Gayathri Vijayakumar gayathri@swinter.com
Proposal Status	SC rev
Subcommittee	CE Model, Metrics
Subcommittee Notes	This CCP revises the R-2 definition to include dwelling units with systems that that serve multiple units.
Recommendation	Accept the CCP as originally presented in the monograph.
Vote	15-Accept, 0-Reject, 1-Revise, 1-Abstain
Recommendation Date	4/4/21
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____✓_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-255-21 Part I Above Base Energy Code Appendix
CDP ID #	470
Code	IECC CE
Code Section(s)	X New Section y
Location	appendix
Proponent	Hope Medina hmedina@coloradocode.net
Proposal Status	SC rev
Subcommittee	CE Model, Metrics
Subcommittee Notes	Proposed appendix to exceed base IECC requirements. Projects that comply with the IgCC or achieve a LEED silver rating will also be in compliance with the proposed appendix. Specific requirements describe continuous air barriers, air leakage testing, outdoor heating and swimming pools. Several SC members expressed concern that the number of proposed appendices could be confusing; however, there appears to be broad nationwide support for this kind of appendix that allows flexibility to go beyond the base code.
Recommendation	Accept the revised proposal (attached).
Vote	9-Accept, 0-Reject, 8-Revise, 1-Abstain
Recommendation Date	3/4/22
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____✓_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

CEPI-255 – modified Above Base Energy Code Provisions

X101.1 Scope.

~~The provisions of this appendix shall apply to new construction.~~

New construction shall comply with the requirements of the code for new construction and shall comply with the provisions of this appendix.

Exception: Projects that comply with the International Green Construction Code or obtain a silver certification from the National Green Building Standard shall be deemed to comply with the provisions of this appendix.

X102.1 Air ~~barriers~~ leakage.

Where an air barrier is not required by section C402.5.1, a continuous air barrier shall be provided throughout the building thermal envelope. The continuous air barriers shall be located on the inside or outside of the building thermal envelope, located within the assemblies composing the building thermal envelope, or any combination thereof. The air barrier shall comply with Sections C402.5.1.1, and/or C402.5.1.2.

X102.1.1 Air barrier verification.

All air barriers components and systems shall be verified in accordance with Section C402.5.1.5

X102.1.1.1 Testing

The building, dwelling, or sleeping unit shall be tested for air leakage in accordance with Sections C402.5.2 or C402.5.3. Where required by the code official, testing shall be conducted by an approved third party. A written report of the results of the test(s) shall be signed by the party conducting the test and provided to the code official.

1. Buildings or portions of buildings, including Group R and I occupancies, shall meet the provisions of Section C402.5.2.

2. Buildings or portions of buildings other than Group R and I occupancies shall meet the provisions of Section C402.5.3.

X103.1 Heating outside uses.

Mechanical systems providing a heat source outside of the thermal envelope of a building shall comply with Sections X103.1.1 through X103.1.3

X103.1.1 Snow and ice melt systems..

Snow and ice melt systems shall install a minimum R-10 insulation located below the tubing and or piping utilized in the heating system for snow and ice melt systems.

Exception: snow and ice melt systems located on roof when the location of the thermal envelope is not located at the roof, but at the ceiling.

X103.1.2 Swimming pools and spas.

Permanent swimming pools and spas shall have insulation on the sides and bottom surfaces located on the exterior. The type of insulation shall be impermeable and impervious to water logging or saturation and unaffected by water, mold, mildew, and have capability to resist compression. The insulation value shall be a minimum of R-15.

X103.1.3 Automatic Covers.

~~Permanent swimming pools and spas shall have insulation on the sides and bottom surfaces located on the exterior. The type of insulation shall be impermeable and impervious to water logging or saturation and unaffected by water, mold, mildew, and have capability to resist compression. The insulation value shall be a minimum of R-15.~~

Automatic covers. Swimming pools and spas located inground shall have an automatic motorized non-permeable pool cover that covers the entire pool surface.

X104.1 Appliances.

The following appliances shall meet ENERGY STAR performance or equivalent.

1. Water coolers
2. Commercial Fryer
3. Commercial hot food holding cabinets
4. Commercial steam cookers
5. Commercial dishwashers
6. Commercial Griddles
7. Commercial ovens
8. Commercial refrigerator and/or freezers

X105.1 Additional efficiency package options..

Projects complying with this appendix shall be required to achieve an addition 5 credits ~~for a total of 15~~ points from Tables C406.1(1) through C406.1(5).

Add new standard(s) as follows:

ICC

International Code Council, Inc.

500 New Jersey Avenue NW 6th Floor

Washington, DC 20001

IgCC - ~~2024~~ 2021 International Green Construction Code

700-2020 National Green Building Standard

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-015-21 Part I Emittance definition
CDP ID #	102
Code	IECC CE
Code Section(s)	C202 New Section
Location	base
Proponent	Amanda Hickman amanda@thehickmangroup.com
Proposal Status	SC rev
Subcommittee	CE Envelope
Subcommittee Notes	**Reasoning statement**: For consistency with IECC-R admin and consistency and IECC-R consensus committee actions.
Recommendation	**Approve as submitted.**
Vote	**Approve as submitted**: 18 – 0 – 1
Recommendation Date	4/7/22
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-029-21 Envelope Mechanical Penetrations
CDP ID #	171
Code	IECC CE
Code Section(s)	C402.1, C402.1.4.3 New Section y
Location	base
Proponent	Duncan Brown dbrown@buildings.nyc.gov
Proposal Status	SC rev
Subcommittee	CE Envelope
Subcommittee Notes	**Reason statement**: This proposal, which has been in effect in New York City since 2016, amends the code to require that these areas of lower thermal value are accounted for when demonstrating compliance.
Recommendation	**Approve as modified**. Modifications: C402.1 General. Building thermal envelope assemblies for buildings that are intended to comply with the code on a prescriptive basis in accordance with the compliance path described in Item 1 of Section C401.2.1 shall comply with the following: 1. The opaque portions of the building thermal envelope shall comply with the specific insulation requirements of Section C402.2 and the thermal requirements of either the R-value-based method of Section C402.1.3; the U-, C- and F-factor-based method of Section C402.1.4; or the component performance alternative of Section C402.1.5. ~~When~~ Where the total area of ~~the~~ through penetrations ~~from the through the wall~~ of mechanical equipment ~~or equipment listed specified in Table C403.3.2(4) exceeds~~ is greater than 1~~2~~1percent of the opaque above-grade wall area, the building thermal envelope shall comply with C402.1.4.3 ~~the U-, C- and F-factor-based method of Section C402.1.4.~~ **Add new text as follows:** **C402.1.4.3 Thermal Resistance of mechanical equipment penetrations.** ~~When~~ Where the total area of ~~the~~ through penetrations ~~from through the wall~~ of mechanical equipment ~~or equipment listed specified in Table C403.3.2(4) exceeds~~ is greater than 1~~2~~1 percent of the opaque above-grade wall area, ~~the~~ such area ~~of the mechanical equipment penetrations area~~

	shall be calculated as a separate wall assembly with a published and *approved* U-factor for that equipment or a default U-factor of 0.5. ~~**Exception:** Where mechanical equipment has a U-factor determined by testing in accordance with an *approved* standard, it is permitted to use such U-factor for the area of the mechanical equipment penetration.~~ ~~**Exception:** Where mechanical equipment has been tested in accordance with *approved* testing standards approved by the department, the mechanical equipment penetration area may shall be permitted to be calculated as a separate wall assembly with the U-factor as determined by such test.~~
Vote	**Approve as modified**: 15 – 0 – 1
Recommendation Date	4/7/22
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-043-21 Steel assemblies
CDP ID #	104
Code	IECC CE
Code Section(s)	C402.1.4.2, Table C402.1.4.2 New Section n
Location	base
Proponent	Jonathan Humble Jhumble@steel.org
Proposal Status	SC rev
Subcommittee	CE Envelope
Subcommittee Notes	**Reason statement**: Agree with proponent's reason statement that this proposal will be beneficial in standardizing the procedures for calculating building envelopes containing cold-formed steel framing. Also, agree that the amended portions do enhance, and are within the scope of, this proposal that are designed to provide greater clarity through instructions for the four different wall design configurations that could occur in building construction.
Recommendation	**Approve as modified**. Modification: **C402.1.4.2 Thermal resistance of cold-formed steel ~~walls~~ assemblies.** ***U*-factors of walls with cold-formed steel framed ceilings and walls ~~studs~~ shall be permitted to be determined in accordance ~~with Equation 4-1~~ with AISI S250 as modified herein.** a) Where the steel-framed wall contains no cavity insulation, and uses continuous insulation to satisfy the U-factor maximum, the *steel-framed wall* member spacing is permitted to be installed at any on-center spacing. b) Where the steel-framed wall contains framing at 24 inch (600 mm) on center with a 23% framing factor or framing at 16 inch (400 mm) on-center with a 25% framing factor, the next lower framing member spacing input values shall be used when calculating using AISI S250. c) Where the steel-framed wall contains less than 23% framing factors the AISI S250 shall be used without any modifications.

	d) Where the steel-framed wall contains other than standard C-shape framing members the AISI S250 calculation option for other than standard C-shape framing is permitted to be used. ~~*U* = 1/[*Rs* + (*ER*)] (Equation 4-1)~~ ~~**where:**~~ <remainder of original proposal is unchanged>
Vote	**Approve as modified**: 19 – 0 – 1
Recommendation Date	4/7/22
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-031-21 Wall Solar Reflectance
CDP ID #	209
Code	IECC CE
Code Section(s)	C402.1, C402.3 New Section y
Location	base
Proponent	Emily Toto etoto@ashrae.org
Proposal Status	SC rev
Subcommittee	CE Envelope
Subcommittee Notes	**Reason statement**: Agree with the proponent's reason statement. Further, the modifications made by the IECC Commercial Envelope Subcommittee were designed to be consistent with the ICC manual of style and clarifies the text.
Recommendation	**Approve as modified**. Modification: **C402.3 Above Grade Wall Solar Reflectance.** For Climate Zone 0, above-grade east-oriented, south-oriented, and west-oriented walls shall comply with either of the following: 1. ~~A minimum of~~ Not less than 75% of the above grade wall area shall have ~~a minimum~~ an area-weighted initial solar reflectance of not less than 0.30 ~~when~~ where tested in accordance with ASTM C1549 with AM1.5GV output, or ASTM E903 with ~~the~~ AM1.5GV output, or determined in accordance with ~~generally accepted engineering~~ an *approved* source~~;~~. This above grade wall area ~~and~~ shall have an ~~minimum~~ emittance or emissivity of not less than 0.75 ~~when~~ where tested in accordance with ASTM C835, C1371, E408, or determined in accordance with ~~generally accepted engineering~~ an *approved* source. For the portion of the above grade wall that is glass spandrel area, a ~~minimum~~ solar reflectance of not less than 0.29, as determined in accordance with NFRC 300 or ISO 9050, shall be permitted. Area-~~weighting~~weighted averaging is permitted only ~~between the~~ using south-, east-, and west-oriented walls ~~and only between walls of~~ enclosing the same occupancy classification. 2. ~~A minimum of~~ Not less than 30% of the above-grade wall area shall be shaded ~~through the use of~~ by manmade structures, existing buildings, hillsides, permanent building projections, on-site

	renewable energy systems, or a combination of these. Shade coverage shall be calculated by projecting the shading surface downward on the above grade wall at an angle of 45 degrees. **Exception:** Above grade walls of low energy buildings complying with C402.1.1, greenhouses complying with C402.1.1.1, and equipment buildings complying with C402.1.2.
Vote	**Approve as modified**: 15 – 1 – 3
Recommendation Date	4/7/22
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-034-21 Thermal Bridging
CDP ID #	373
Code	IECC CE
Code Section(s)	C402.1.1, C402.1.1.1 (New), C402.1.1.1, TABLE C402.1.1.1, C402.1.2
Location	base
Proponent	Leonard Sciarra. Leonard.sciarra@gmail.com
Proposal Status	SC rev
Subcommittee	CE Envelope
Subcommittee Notes	**Reason statement**: Clarifies organization of low energy building requirements. The proposal is cleaner and easier to read than the existing language. Prefers that low energy buildings, green houses, and equipment building exemptions are presented separately.
Recommendation	**Approve as modified**. Modification: **C402.1.1.3 Equipment buildings**. Buildings…
Vote	**Approve as modified**: 14 – 1 – 1
Recommendation Date	4/7/22
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-035-21 R Value Table footnote C
CDP ID #	529
Code	IECC CE
Code Section(s)	C402.1.3 New Section n
Location	base
Proponent	Jay Crandell jcrandell@aresconsulting.biz
Proposal Status	SC rev
Subcommittee	CE Envelope
Subcommittee Notes	**Reason statement**: clarified text.
Recommendation	**Approve as modified**. Modification: Changes footnote c of table as such: …partially grouted at not less than 32 in. ~~or more less~~….and not less than 48 inches ~~or more less~~ on center..
Vote	**Approve as modified**: 15 – 0 – 2
Recommendation Date	4/7/22
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-036-21 R Value Table Slab footnote d
CDP ID #	166
Code	IECC CE
Code Section(s)	C402.1.3 table New Section n
Location	base
Proponent	Jay Crandell jcrandell@aresconsulting.biz
Proposal Status	SC rev
Subcommittee	CE Envelope
Subcommittee Notes	**Reason statement**: Making correlation to R-value table.
Recommendation	**Approve as submitted.**
Vote	**Approve as submitted** 13 – 1 – 3
Recommendation Date	4/7/22
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-037-21 R Value Table Slab footnote g
CDP ID #	165
Code	IECC CE
Code Section(s)	C402.1.3 table New Section n
Location	base
Proponent	Jay Crandell jcrandell@aresconsulting.biz
Proposal Status	SC rev
Subcommittee	CE Envelope
Subcommittee Notes	**Reason statement**: Per the proponents reasoning statement.
Recommendation	**Approve as submitted.**
Vote	**Approve as submitted** 15 – 0 – 2
Recommendation Date	4/7/22
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	

International Energy Conservation Code
Code Change Proposal Tracking Sheet

Proposal #	CEPI-038-21 R Value Table Wall Insulation options
CDP ID #	366
Code	IECC CE
Code Section(s)	C402.1.3 table New Section n
Location	base
Proponent	Jay Crandell jcrandell@aresconsulting.biz
Proposal Status	SC rev
Subcommittee	CE Envelope
Subcommittee Notes	**Reason statement**: Per the proponents reasoning statement.
Recommendation	**Approve as submitted.**
Vote	**Approve as submitted** 14 – 2 – 1
Recommendation Date	4/7/22
Next Step	To Subcommittee_____ To Advisory Group_____ To Consensus Committee_____X_____
Consensus Committee	
Committee Response	
Vote	Affirmative_____ Negative_____ Table_____ To Subcommittee_____
Date	