**SDC 301 CALCULATIONS SC Call Draft Minutes**

June 3rd, 2024 | 1:00 PM – 2:30 PM Eastern

***MEETING RECORDING HERE***

**Members Present:** Neal Kruis, Brian Christensen, Rob Salcido, Paul Kintner (filling in for Nick Sisler), Philip Fairey, Dave Roberts, Charlie Haack, Gayathri Vijayakumar, Scott Horowitz, Dean Gamble (joined at 2:00 PM EST)

**Absent:** Nick Sisler, William Ranson

**RESNET Staff Present:** Noah Kibbe

**Minutes Prepared By:** Noah Kibbe

The meeting was called to order at 1:03 PM EST.

1. **Approve agenda**

Philip made a motion to approve the agenda. Brian seconded.

1. **Approve 5/6 meeting minutes (**[**Link**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_scl_fi_4hyxh7yoilfo3jtwig7k9_SDC-2D301-2DCALCULATIONS-2DSC-2DCall-2DDraft-2DMinutes-2D5-2D6-2D2024.docx-3Frlkey-3Dvp4qvrp71w7vatqn47lgkcm7e-26st-3Dmu00u8xf-26dl-3D0&d=DwMFAg&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=JU2qlRvcsme3gOVhN72Hy3aW1P_27yrrhDhnYJ9_L10qNJfFJWJ33YX7Fs118pzH&s=wqsmFLoYUTteTNW9c3Z8JDUZiDc_kyTf19uIBVExCA4&e=)**)**

Philip made a motion to approve the minutes as modified. Brian seconded. The motion passed.

Rob abstained.
The motion passed.

1. **Review 301-2025 revisions**
	1. **Review tracking spreadsheet (**[**Link**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_scl_fi_9ji4yln0sskwlwj5q2m47_CalcsSC-5F301-2D2025-5FChanges-5FTracking.xlsx-3Fcloud-5Feditor-3Dexcel-26dl-3D0-26rlkey-3D08y4b4i50s4mbph8isdwlfa1u&d=DwMFAg&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=JU2qlRvcsme3gOVhN72Hy3aW1P_27yrrhDhnYJ9_L10qNJfFJWJ33YX7Fs118pzH&s=zuTMOz4rciE78028VolzI13q3dIA9NLOj5AHvcEthhk&e=)**)**

Neal made edits to the file and tracked changes.

Line 6: Any changes made will be included in PDS-02.

Line 7: After discussion with Rick, this will be added as a MINHERS® addendum. This will be included in Addendum 76. It will not be included in PDS-01.

* Column I was changed from *Will try for PDS 01* to *Try for MINHERS amendment*

Line 13: Scott Doyle was concerned this was not explicit enough to how ASHPs shall be modeled. This was going to be part of updated HP modeling but will likely need simple language in 2025.

Line 18: The bedroom definition changed in the 301 Standard because dwelling and sleeping units were added. This was done to ensure the definition was consistent across the 301-2025 Standard and Standard 850.

* Philip shared an email exchange.
* There is no such thing as an egress window. There is a code requirement for “escape and rescue openings”.
* Brian noted the rest of the Standard would need to address a dwelling unit with zero bedrooms so the simulation creates accurate results.
* The egress window definition will be struck.

Line 22: Paul noted an inaccuracy in Standard 301’s calculations for Shared Hot Water Recirculation systems.

* Brian requested the data Paul collected for review.
* -The Proposed Action was changed to Future Addendum to 2025.
	1. **Review revisions since last meeting (**[**Link**](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.dropbox.com_scl_fi_142y03muqqij2a3xn65ku_CHECKED-2DOUT-2DNK-2DWD301-2D2025-5FCalcSC-5FWorking.docx-3Frlkey-3D64vap3hrdnji188eu6l9nqlrm-26st-3Dr2uup8nh-26dl-3D0&d=DwMFAg&c=euGZstcaTDllvimEN8b7jXrwqOf-v5A_CdpgnVfiiMM&r=7XUwxAZbmftOVV1BsRddTg&m=JU2qlRvcsme3gOVhN72Hy3aW1P_27yrrhDhnYJ9_L10qNJfFJWJ33YX7Fs118pzH&s=WXvoggpOwqT9LA-2hV1UTP19Pqz334T1OnBQ-8T03P8&e=)**)**

Philip provided an overview of the Appendix C (Normative) Modeling Assumptions.

This section will be cleaned up to include Minimum Rater Features.

1. **Dean Gamble garage / sale office proposal (joins 60 minutes in)**

Dean shared a presentation, *Addressing sales centers, construction offices, and other temporarily converted garage spaces*.

Builders sometimes convert a garage to a “sales center.”

These spaces may be conditioned and finished, but the intent is to convert these back into garages post-sale.

Builders are left with three choices:

* + Rate the model home prior to temporary garage conversion.
		- This state might never really exist.
	+ Rate the model home after conversion back to a garage
		- This could occur 2-3 years after construction after the Rater has completed the Rating.
	+ Rate the home including the temporary use space in the rating.
		- This is the most complicated scenario.

None of these options are ideal.

The Proposal: To add a new definition for a “Temporarily Converted Garage Space” to 301 and explicitly exclude such spaces from the Rating. This would be similar to how garages are excluded from CFA, conditioned space volume, etc.

Dean provided a draft definition – see slide 5 for the full definition.

Key points of the definition:

* + Dwelling is new construction
	+ Floor area ≤ 1,000 square feet
	+ Thermally isolated from the Dwelling
	+ Direct opening must be contained in wall plane and ≤ 50 square feet
	+ Ducts must not have registered or other openings
	+ Structure has a garage door or, if not, at least one side of foundation is at-grade with an above-grade framed opening measuring no less than 8ft wide and 7ft high.

Feedback from the group:

* + Brian suggested replacing the word *structure* with *space*.
	+ Brian noted a door must be present as opposed to a 50ft square opening.
	+ Philip suggested removing the word *space* from what is being defined.
	+ Philip noted that there are houses where garages are for large recreational vehicles and has an adjoining wall larger than one story.
	1. **Potential vote to recommend PDS-01 to SDC**
1. **Adjourn**

Dave made a motion to adjourn. Philip seconded.

The meeting was adjourned at 2:32 PM ET.