

August 1, 2023

City of Eugene  
99 W 10<sup>th</sup> Ave  
Eugene, OR 97401

**Project Name:** New Wilco  
**Project Address:** 4818 W 11th  
**Permit Number:** 23-10679-01  
**RE:** Plan Review 3 responses

#### ARCHITECTURAL

##### A15 01\_A000 COVER SHEET

Per our discussions, the construction type to be III-B with the entrance vestibule, facade and drive through canopy treated as projections with the limitation that any penetrations from the attic space of these to the main portion of the building to be protected in accordance with OSSC section 714 and that sprinklers are extended into these areas. Please revise.

Also, the area calculations are still based on V-B and show non-compliance. Please revise

**RESPONSE:** *Construction type has been corrected on sheet A000. The correct FLS01 sheet has been uploaded with correct area calculations. Fire protection notes have been added to sheets FLS01 and FLS02*

#### ENERGY

##### EN3 07\_A401 SECTIONS AND DETAILS.pdf, page [1] A401

The details and specifications of the building envelope must be documented in sufficient detail and clarity to determine compliance. OSSC 107.2.1 and E104. The input values in the COMcheck should reflect the details and specifications in the construction documents. Please provide.

I could not locate the following in the construction documents: (details and/or specifications)

Slab edge insulation.

The roof insulation.\*\*

Storefront and any other fenestration thermal specifications.

\*\*There is conflicting information for the insulation of the roof.

On sheet A207, the roof plan, it calls for R-48 insulation, while keynote '11' on A401 specifies R-30.

**RESPONSE:** *Energy code information has been corrected and/or added to sheets A401, A201, A207, A401, A601 and FLS01*

##### EN4 Wilco Eugene COMCheck.pdf, page 2

Please see the plan review comment on sheet A401 and coordinate the COMcheck input with the specifications and details that are required to be part of the construction documents. Please also run the COMcheck analysis to verify the design. OSSC E104.2.

**RESPONSE:** *Energy code information has been corrected and/or added to sheets A401, A201, A207, A401, A601 and FLS01. Original COMCheck energy code analysis has been confirmed – no changes required.*

#### STRUCTURAL **RESPONSE:** See attached structural plan review responses

**S19 06\_S3.2 SECTIONS.pdf, page 1** The ESR report for Hilti L.V.F. fasteners states that the product is not applicable for seismic resistance in shear walls. While reviewer understands that the fastener provided meets wind demands/detailing requirements, OSSC 1604.9 states that lateral force-resisting systems shall meet seismic detailing requirements and limitations even where wind load effects are greater than seismic

load effects. Please remove L.V.F. from the in-plane-shear load path. (Specify a different bottom track anchor, and remove L.V.F. as an option at the end-stud-to-HSS connection.)

**S20** 06\_S3.2 SECTIONS.pdf, page 1 Please clarify that the end-stud-to-HSS-column connection (#10 self tapping screws at 8" oc) is applicable to both the 4' wing wall, and to the long wall perpendicular. (The arrow only points to the 4' wing wall stud, but this doesn't appear to be the intent.)

**S21** 06\_S2.0 ROOF FRAMING PLAN.pdf, page 1 Please upload the latest version of S2.0 for incorporation into the plan review: the most recently received S2.0 sheet (uploaded to eBuild on 7/22/23) does not appear to include the revisions from 5/15/2023 (skylight framing is missing)

Sincerely,



Terry J Novak  
*Architect*

July 31, 2023

Project Name: Wilco  
Project Address: W 11<sup>th</sup> & Willow Creek  
Permit Number: 23-01679-01

**RE: Structural Response to Plan Review for Wilco in Eugene, OR**

We have reviewed the structural comments provided and have found the following:

**STRUCTURAL**

**S19 - 06\_S3.2 SECTIONS.pdf, page 1**

The ESR report for Hilti L.V.F. fasteners states that the product is not applicable for seismic resistance in shear walls. While reviewer understands that the fastener provided meets wind demands/detailing requirements, OSSC 1604.9 states that lateral force-resisting systems shall meet seismic detailing requirements and limitations even where wind load effects are greater than seismic load effects. Please remove L.V.F. from the in-plane-shear load path. (Specify a different bottom track anchor, and remove L.V.F. as an option at the end-stud-to-HSS connection.)

- The L.V.F. fasteners have been removed as an option. The sill track attachment has been revised with a sill bolt or Titen HD option. See S3.2.

**S20 - 06\_S3.2 SECTIONS.pdf, page 1**

Please clarify that the end-stud-to-HSS-column connection (#10 self tapping screws at 8" oc) is applicable to both the 4' wing wall, and to the long wall perpendicular. (The arrow only points to the 4' wing wall stud, but this doesn't appear to be the intent.)

- The self-tapping screw note is now shown on both the 4' section as well as the longer wall section. See S3.2.

**S21 - 06\_S2.0 ROOF FRAMING PLAN.pdf, page 1**


Please upload the latest version of S2.0 for incorporation into the plan review: the most recently received S2.0 sheet (uploaded to eBuild on 7/22/23) does not appear to include the revisions from 5/15/2023 (skylight framing is missing).

- The correct S2.0 sheet has been added back into the latest set of plans.

Please let us know if you have any questions.

Sincerely,

Stability Engineering, Inc.

By:   
Paul Schroeder, P.E., Project Engineer

