

May 2, 2024

Routt County Regional Building Department
136 6th Street, Suite 201,
Steamboat Springs, CO 80487

Re: Astrid Building 7
App#: SPRMU240254

Dear Routt County Building Department,

Thank you for your recent review of the above referenced project. Below are the review comments as well as our response to each item:

Building Comments:

5. Outdoor Heated Snow Melt Systems shall not be allowed to be installed unless they are powered by a 100% Renewable energy Source. See Exceptions and controls required per local amendments in IECC.

RESPONSE: Snowmelt boiler has been switched to an electric boiler along with any necessary accessories. M3.1, M3.2, M6.1. Gas piping has been removed from plumbing plans, P3.2. Electric plans, one-lines, and schedules were updated. E3.1, E6.1, E6.2. Dedicated electrical service to be provided from renewable source provided by Yampa Valley Electric.

6. While an oil separator is not required in hydraulic elevator pits where an approved alarm system is installed, add location and details of elevator sump pump oil alarm.

RESPONSE: The elevator is a traction type, not hydraulic. And therefore an oil alarm is not required.

Electrical Comments:

1. NO COMMENTS AVAILABLE

RESPONSE: No changes made.

2. Panel descriptions don't match

RESPONSE: One-line has been updated so that panel names are consistent. E6.1.

3. loads don't match panel schedules

RESPONSE: Panel schedule loads are the demand loads calculated based on NEC 220. The load summary loads are the connected loads. NEC calculations have been updated with the most recent loads. E6.1, E6.2

4. NO COMMENTS AVAILABLE

RESPONSE: No changes made.

5. 408.30 panel shall have a rating not less than load calculated

RESPONSE: Panel 6-BED Unit 4 rating has been updated to 600A to accommodate demand load. E6.2.

6. Missing panel board schedules

RESPONSE: Panel Schedules for Units 1 and 3 have been added to new sheet E6.3.

If you have any questions or require additional clarification, please let us know.

Sincerely,



Michael Vair, PE
Boulder Engineering
Engineer of Record