


Newton Center for Active Living (NewCAL) project

| NewCAL Design Review Committee (DRC) Project Update | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|---------------|------------------------|-------------------------------------|
| Date: Wednesday, October 12, 2022 | |  | | | |
| Date: Zoom Meeting (online) | | | | | |
| Time: 6:00PM | | | | | |
| Attendees: | | | | | |
| See attached Sign-In List for Design Review Committee, Project Community Representatives and Guests who were in attendance. | | | | | |
| CITY COMMITTEE STAFF | | | | | |
| Josh Morse | Public Buildings Dept. | <input checked="" type="checkbox"/> | Alex Valcarce | Public Buildings Dept. | <input checked="" type="checkbox"/> |
| | | | | | |
| CONSULTANTS | | | | | |
| Tom Murphy | NV5 | <input checked="" type="checkbox"/> | Paul Laurence | Allied Engineering | <input checked="" type="checkbox"/> |
| Melissa Gagnon | NV5 | <input checked="" type="checkbox"/> | John Buhl | Foley Buhl & Roberts | <input checked="" type="checkbox"/> |
| Joel Bargmann | BH+A | <input checked="" type="checkbox"/> | Lenny Weiss | Foley Buhl & Roberts | <input checked="" type="checkbox"/> |
| Dan Chen | BH+A | <input checked="" type="checkbox"/> | | | <input checked="" type="checkbox"/> |

Alex Valcarce opened the meeting at 6:00PM. The presentation tonight focused on a building system update, specifically with regard to structural and HVAC systems, as well design developments related to the main communicating stair and storage. The project is currently in the Design Development phase. Structural framing systems are being explored in tandem with floor plan alignments and MEP coordination refinements.

Design Progress Update

Dan Chen of BH+A provided an overview of design developments since the last DRC meeting on 9/14/22, including the presentation of (3) structural options and (3) HVAC options as well as floor plan updates.

The following three (3) structural framing options were presented:

- **Wood Framing** - using trusses, Glu-Lams and micro-laminated members
- **Mixed Steel & Wood (Option A)** - utilizing a steel frame for the gym and wood frame for the remainder of the building
- **Hybrid Steel & Wood (Option B)** - utilizing steel for the longest spans in the gym and track structure and relying on wood members for the remainder of the building

Pros and cons for each of the options were presented using wood framing as the basis.

Wood Framing:

BH+A and Foley Buhl Roberts (FBR) noted this option to be cost effective and within the project parameters. The walking track is envisioned to be supported by steel rods from the roof structure on the cantilevered edge. Although particular aesthetic details have not yet been factored into the design, the DRC noted interest to learn more about incorporating structurally appropriate detailing.

Mixed Steel & Wood (Option A):

It was noted that steel provides a more rigid structure vs. wood-framed construction. Plus, steel members often do not require as many points of support. It was also noted that wood on the other hand is greener, renewable, loses less heating and cooling and is more readily available in New England. BH+A noted concern about incorporating too much steel into a wood-framed structure due to requirements for extensive bracing between frames as well as coordination of trade labor during construction. FBR and at least one DRC member supported the hybrid option, noting it was successfully implemented on several projects for which they have designed.

Concern was noted by one DRC member as it relates to fire protection and the wood-framed structure, during construction. DRC members noted the Newton Fire Department, and the GC/CM would convene to devise a protection plan for “hot work”, fire watches, temporary standpipe, etc. during construction.

BH+A noted the ancillary area below the gym would be enclosed and heated for the sprinkler system within. The ceiling height below the gym is designed to be 11'-0" above the parking area.

The following three (3) HVAC options were presented:

- **Air Cooled Variable Refrigerant Flow (VRF)** - consists of a rooftop heat pump unit and several terminal boxes strategically placed around the building to distribute heating and cooling. The terminal boxes are piped with flexible refrigerant lines and can provide heat and cooling to different zones simultaneously. Controls are supplied by the VRF manufacturer.
- **Air Water Heat Pump/Chiller** - is more centrally located and consists of two systems, one for heating and one for cooling. Above ceiling fan coils are connected to circulating hot or chilled water lines and distribute form their respective zones. An electric boiler is required below zero degree temperatures. Third party temperature controls are separate from the system equipment.
- **Water Cooled Variable Refrigerant Flow & Geothermal** - utilizes ground source temperature (50 degrees Fahrenheit) to pre-heat or cool water before supplying the VRF terminals. Space for roughly 20- 600-foot-long wells would be required for the NewCAL project.

At the time of the presentation none of the proposed systems has gone beyond schematic design. Definitive energy modeling would need to be performed in order to compare their operating expense. The relative costs are projected to show that Air Cooled VRF has the least expensive first costs followed by the Air Sourced Heat Pump Chiller system and the VRF/Geothermal Option being the highest. The presentation

provided a table that rated the initial cost, efficiency, installation complexity, control simplicity, relative maintenance costs and mechanical space required, revealing that the air cooled VRF may be the path to follow.

The following floor plan updates were presented:

First Floor

Stair

- The connecting stair in the lobby, near the main entrance, was reviewed relative to the overall impact, extending from the first floor to the third floor. An alternate option was presented in which the stair extends from the first to the second floor only, as a switchback with a separate disconnected single flight from the second to the third floor. BH+A explained the revised design benefits both the structure as well as affording natural light to penetrate the second-floor corridor.

Restrooms

- Restrooms are consolidated into one block, allowing walls to vertically align on all three (3) floors.
- Restroom consolidation provides visibility from the lobby/lounge to activity and dining spaces.

Storage

- Refinements to AV storage closet, as well as to movable wall pocket, at the Dining and Activity rooms help to maximize visibility from the lobby/lounge to the activity spaces. An additional storage space was shown behind the stage in the Dining area. With the behind the stage storage room, the window design at the west elevation may need to be slightly modified, to change two windows to include spandrel panels, while maintaining the design rhythm and intent.
- An additional storage room was shown adjacent to the lobby stair. The juice bar has been reduced in size to work with the storage volume.

Second Floor

- The design of the main communicating stair was modified to be a separate single flight from the second to the third floor.

Roof Plan

- Proposed rooftop equipment locations were presented in the roof well. Two (2) air handling units (AHUs) (one for the gymnasium and one for the main NewCAL building), two (2) heat pumps and three (3) condensers are identified on the plan. The access door from Stair 2 was not added to the plan but identified as the access point by the design team.
- BH+A depicted PV arrays mounted on top of the high roof at the gymnasium. The angle of the PV panels as well as the orientation to the sun was not presented and will need to be provided.

Discussion, Comments and Questions

- Back-up battery power. The strategy for back-up power was discussed. BH+A referenced a recent project where battery backup was incorporated with the following points noted: The size was close to the size of a shipping container (@10' x 20' x 8'tall) with an approximate cost of \$630K and a useful life of approximately four (4) hours, which is dependent on what systems are required to be in service. The battery would be placed outside in the space that would have been occupied by a diesel generator. Useful battery life was discussed as not being sufficient for particular situations and whether proposed solar PVs could provide ability to recharge.
- Emergency diesel generator. Newton's Sustainability staff is currently leaning towards the use of emergency diesel generators whereas there will be no fossil fuels on the NewCAL project site. According to Allied Engineering, it was noted that depending on the client diesel generator tanks are often specified to last 48 hours. Consideration of cost associated with a generator would need to include maintenance, fuel costs, servicing and exercising the equipment. Based upon proximity to neighboring properties a battery back-up may be the appropriate response.

Respectfully submitted,

Melissa Gagnon

NV5, Inc.

[End of 10/12/2022 Meeting Minutes]

DESIGN REVIEW COMMITTEE**SIGN IN****Meeting Date:**

12 October 2022

Place/Room:

Remote Meeting Via Zoom

| Name | Initial | Organization | E-Mail |
|--------------------------------|-------------------------------------|-----------------------------------|--------------------------------------------------------------------------------|
| DESIGN REVIEW COMMITTEE | | | |
| Peter Barrer _____ vm | <input checked="" type="checkbox"/> | Design Review Committee Co-Chair | pbarrer@gmail.com |
| Ellen Light _____ vm | <input checked="" type="checkbox"/> | Design Review Committee Co-Chair | elslight@rcn.com |
| Ambrose Donovan _____ vm | <input type="checkbox"/> | Design Review Committee Member | AJD@mcphailgeo.com |
| David Gillespie _____ vm | <input checked="" type="checkbox"/> | Design Review Committee Member | davidgillespie74@outlook.com |
| Thomas Gloria _____ vm | <input checked="" type="checkbox"/> | Design Review Committee Member | tgloria@fas.harvard.edu |
| Robert Hnasko _____ vm | <input type="checkbox"/> | Design Review Committee Member | hnasko@gmail.com |
| Jonathan Kantar _____ vm | <input checked="" type="checkbox"/> | Design Review Committee Member | jonathan@sagebuilders.com |
| SigNing Kuo _____ vm | <input type="checkbox"/> | Design Review Committee Member | singning.kuo@gmail.com |
| Amy Mackrell _____ vm | <input checked="" type="checkbox"/> | Design Review Committee Member | amackrell@mds-bos.com |
| Carol Schein _____ vm | <input checked="" type="checkbox"/> | Design Review Committee Member | cschein@rcn.com |
| Steve Siegel _____ vm | <input checked="" type="checkbox"/> | Design Review Committee Member | spsiegel10@gmail.com |
| _____ vm | <input type="checkbox"/> | Design Review Committee Member | _____ |
| _____ | | | |
| Emily Prenner _____ | <input checked="" type="checkbox"/> | School Committee Representative | prennere@newton.k12.ma.us |
| Andrea Kelley _____ | <input checked="" type="checkbox"/> | City Council Representative | akelley@newtonma.gov |
| Committee Staff | | | |
| Josh Morse (partial) _____ | <input checked="" type="checkbox"/> | DRC – Public Buildings Department | jmorse@newtonma.gov |
| Barney Heath _____ | <input type="checkbox"/> | DRC – Planning Department | bheath@newtonma.gov |
| Alex Valcarce _____ | <input checked="" type="checkbox"/> | Public Buildings Department | avalcarce@newtonma.gov |
| Jayne Colino (partial) _____ | <input checked="" type="checkbox"/> | Senior Services | jcolino@newtonma.gov |
| Stephanie Gilman _____ | <input checked="" type="checkbox"/> | Public Schools Department | gilmans@newton.k12.ma.us |
| _____ | <input type="checkbox"/> | _____ | _____ |
| _____ | <input type="checkbox"/> | _____ | _____ |

DESIGN REVIEW COMMITTEE**SIGN IN****Meeting Date:**

12 October 2022

Place/Room:

Remote Meeting Via Zoom

| Name | Initial | Organization | E-Mail |
|--------------------------------------------------------|-------------------------------------|--------------------------------------|-------------------------|
| <u>Project Community Reps</u> | | | |
| Anne Cedrone vm-necp | <input type="checkbox"/> | DRC Community Member - NECP | bostonanne@gmail.com |
| Tom Enselek vm-necp | <input type="checkbox"/> | DRC Community Member - NECP | Tom.Enselek@hotmail.com |
| Maria Leo vm-le | <input checked="" type="checkbox"/> | DRC Community Member – Lincoln Eliot | leofm@rcn.com |
| John Mulligan vm-le | <input checked="" type="checkbox"/> | DRC Community Member – Lincoln Eliot | john@mulliganphoto.com |
| Marc Kaufman vm-newcal | <input checked="" type="checkbox"/> | DRC Community Member - NewCAL | ddgdesign@gmail.com |
| Barbara Lietzke vm-newcal | <input checked="" type="checkbox"/> | DRC Community Member - NewCAL | bclietzke@gmail.com |
| <u>Guests</u> | | | |
| Tom Murphy | <input checked="" type="checkbox"/> | NV5 | |
| Dan Chen | <input checked="" type="checkbox"/> | BH+A | |
| Frank Kennedy | <input checked="" type="checkbox"/> | NV5 | |
| Joel Bargmann | <input checked="" type="checkbox"/> | BH+A | |
| Bea Goldsmith | <input checked="" type="checkbox"/> | NewCAL WG | |
| Joan Belle Isle | <input checked="" type="checkbox"/> | COA, Chair | |
| Maria Scibelli Greenberg | <input checked="" type="checkbox"/> | City Council | |
| Vivian Varbedian | <input checked="" type="checkbox"/> | Hill | |
| Mark Krikorian | <input checked="" type="checkbox"/> | .Hill | |
| Doug Murray | <input checked="" type="checkbox"/> | Hill | |
| Tina SooHoo | <input checked="" type="checkbox"/> | AST | |
| Larry Spang | <input checked="" type="checkbox"/> | AST | |
| | <input type="checkbox"/> | | |
| | <input type="checkbox"/> | | |
| <u>Refer to attached Zoom list of all participants</u> | <input type="checkbox"/> | | |

| Name (Original User Email) | Join Time | Leave Time | Duration (Minutes) | Guest | Recording | In Waiting |
|----------------------------|------------------|------------------|--------------------|-------|-----------|------------|
| Alex Valcastrocci@ne | 10/12/2022 17:39 | 10/12/2022 21:04 | 206 | No | | No |
| Vivian Varbedian | 10/12/2022 17:45 | 10/12/2022 17:56 | 11 | Yes | | Yes |
| Susan Loffredo | 10/12/2022 17:49 | 10/12/2022 17:56 | 7 | Yes | | Yes |
| DChen# BH+A | 10/12/2022 17:51 | 10/12/2022 17:51 | 1 | Yes | | Yes |
| DChen# BH+A | 10/12/2022 17:51 | 10/12/2022 20:58 | 187 | Yes | Yes | No |
| Kellie Connelly - Terra | 10/12/2022 17:52 | 10/12/2022 17:56 | 5 | Yes | | Yes |
| Kelly Ashton | 10/12/2022 17:53 | 10/12/2022 17:56 | 4 | Yes | | Yes |
| Josh Morse | 10/12/2022 17:54 | 10/12/2022 17:55 | 2 | Yes | | Yes |
| Kelly Ashton | 10/12/2022 17:54 | 10/12/2022 17:56 | 3 | Yes | | Yes |
| Bea Goldsmith | 10/12/2022 17:55 | 10/12/2022 17:56 | 2 | Yes | | Yes |
| Josh Morse | 10/12/2022 17:55 | 10/12/2022 18:51 | 57 | Yes | Yes | No |
| barbaralietzke | 10/12/2022 17:55 | 10/12/2022 17:56 | 1 | Yes | | Yes |
| Tina SooHoo -Arrowst | 10/12/2022 17:55 | 10/12/2022 17:56 | 1 | Yes | | Yes |
| Tora Coursey# Arrows | 10/12/2022 17:55 | 10/12/2022 17:56 | 1 | Yes | | Yes |
| Vivian Varbedian | 10/12/2022 17:56 | 10/12/2022 21:04 | 189 | Yes | Yes | No |
| Susan Loffredo LWVN | 10/12/2022 17:56 | 10/12/2022 19:13 | 78 | Yes | Yes | No |
| Kelly Ashton (Terraink | 10/12/2022 17:56 | 10/12/2022 18:09 | 14 | Yes | | No |
| barbaralietzke | 10/12/2022 17:56 | 10/12/2022 19:03 | 68 | Yes | Yes | No |
| Tora Coursey# Arrows | 10/12/2022 17:56 | 10/12/2022 18:46 | 51 | Yes | | No |
| Tina SooHoo -Arrowst | 10/12/2022 17:56 | 10/12/2022 21:04 | 189 | Yes | Yes | No |
| Bea Goldsmith | 10/12/2022 17:56 | 10/12/2022 18:49 | 53 | Yes | Yes | No |
| Kellie Connelly - Terra | 10/12/2022 17:56 | 10/12/2022 21:04 | 188 | Yes | Yes | No |
| Kelly Ashton | 10/12/2022 17:56 | 10/12/2022 17:56 | 1 | Yes | | No |
| Michelle Callahan - Ni | 10/12/2022 17:56 | 10/12/2022 17:57 | 1 | Yes | | Yes |
| Joan | 10/12/2022 17:56 | 10/12/2022 17:58 | 2 | Yes | | Yes |
| Andrea Kelley | 10/12/2022 17:57 | 10/12/2022 17:57 | 1 | Yes | | Yes |
| Frank Kennedy | 10/12/2022 17:57 | 10/12/2022 17:57 | 1 | Yes | | Yes |
| Mark Krikorian | 10/12/2022 17:57 | 10/12/2022 17:57 | 1 | Yes | | Yes |
| Michelle Callahan - Ni | 10/12/2022 17:57 | 10/12/2022 18:09 | 12 | Yes | Yes | No |
| Andrea Kelley | 10/12/2022 17:57 | 10/12/2022 18:59 | 62 | Yes | Yes | No |
| Amy MacKrell# MDS A | 10/12/2022 17:57 | 10/12/2022 17:57 | 1 | Yes | | Yes |
| Mark Krikorian Hill I | 10/12/2022 17:57 | 10/12/2022 21:04 | 187 | Yes | Yes | No |
| Amy MacKrell (Amy M | 10/12/2022 17:57 | 10/12/2022 20:51 | 174 | Yes | Yes | No |
| Melissa | 10/12/2022 17:57 | 10/12/2022 17:58 | 1 | Yes | | Yes |
| Frank Kennedy | 10/12/2022 17:57 | 10/12/2022 18:11 | 14 | Yes | Yes | No |
| Joan | 10/12/2022 17:58 | 10/12/2022 19:14 | 77 | Yes | Yes | No |
| Melissa Gagnon (Meli | 10/12/2022 17:58 | 10/12/2022 19:14 | 77 | Yes | Yes | No |
| Maria Scibelli Greenb | 10/12/2022 17:58 | 10/12/2022 17:58 | 1 | Yes | | Yes |
| Maria Scibelli Greenb | 10/12/2022 17:58 | 10/12/2022 20:00 | 122 | Yes | Yes | No |
| Colin Bonfield# BH+A | 10/12/2022 17:59 | 10/12/2022 17:59 | 1 | Yes | | Yes |
| Paul Laurence | 10/12/2022 17:59 | 10/12/2022 17:59 | 1 | Yes | | Yes |
| Colin Bonfield# BH+A | 10/12/2022 17:59 | 10/12/2022 19:14 | 76 | Yes | Yes | No |
| Sallyann Thomas Farn | 10/12/2022 17:59 | 10/12/2022 17:59 | 1 | Yes | | Yes |
| Paul Laurence | 10/12/2022 17:59 | 10/12/2022 19:14 | 75 | Yes | Yes | No |
| Sallyann Thomas Farn | 10/12/2022 17:59 | 10/12/2022 18:31 | 32 | Yes | Yes | No |
| Peter Barrer | 10/12/2022 18:00 | 10/12/2022 18:00 | 1 | Yes | | Yes |

Design Review Committee

Zoom Participants

12 October 2022

Meeting

| | | | | | | |
|-------------------------|------------------|------------------|-----|-----|-----|-----|
| Peter Barrer | 10/12/2022 18:00 | 10/12/2022 21:04 | 185 | Yes | Yes | No |
| John Wood | 10/12/2022 18:00 | 10/12/2022 18:00 | 1 | Yes | | Yes |
| John Wood - Allied Co | 10/12/2022 18:00 | 10/12/2022 19:14 | 74 | Yes | Yes | No |
| Carol Schein | 10/12/2022 18:00 | 10/12/2022 18:01 | 1 | Yes | | Yes |
| Carol Schein | 10/12/2022 18:01 | 10/12/2022 20:49 | 169 | Yes | Yes | No |
| jayne | 10/12/2022 18:01 | 10/12/2022 18:01 | 1 | Yes | | Yes |
| jayne | 10/12/2022 18:01 | 10/12/2022 19:14 | 73 | Yes | Yes | No |
| Lenny Weiss | 10/12/2022 18:01 | 10/12/2022 18:01 | 1 | Yes | | Yes |
| 1.98E+10 | 10/12/2022 18:01 | 10/12/2022 19:14 | 73 | Yes | | No |
| Lenny Weiss | 10/12/2022 18:01 | 10/12/2022 18:42 | 41 | Yes | Yes | No |
| Jon Buhl | 10/12/2022 18:01 | 10/12/2022 18:01 | 1 | Yes | | Yes |
| Maura Morse (she/he | 10/12/2022 18:01 | 10/12/2022 18:01 | 1 | Yes | | Yes |
| Jon Buhl | 10/12/2022 18:01 | 10/12/2022 19:14 | 73 | Yes | Yes | No |
| Maura Morse (she/he | 10/12/2022 18:01 | 10/12/2022 18:05 | 4 | Yes | Yes | No |
| Tom Murphy# NV5 | 10/12/2022 18:02 | 10/12/2022 18:02 | 1 | Yes | | Yes |
| Tom Murphy# NV5 | 10/12/2022 18:02 | 10/12/2022 19:14 | 73 | Yes | Yes | No |
| Doug Murray | 10/12/2022 18:02 | 10/12/2022 18:02 | 1 | Yes | | Yes |
| Stephanie Gilman (she | 10/12/2022 18:02 | 10/12/2022 18:02 | 1 | Yes | | Yes |
| Doug Murray | 10/12/2022 18:02 | 10/12/2022 21:04 | 183 | Yes | Yes | No |
| Maria Leo | 10/12/2022 18:02 | 10/12/2022 18:02 | 1 | Yes | | Yes |
| Stephanie Gilman (she | 10/12/2022 18:02 | 10/12/2022 21:04 | 182 | Yes | Yes | No |
| Maria Leo | 10/12/2022 18:02 | 10/12/2022 21:04 | 182 | Yes | Yes | No |
| Tom Gloria | 10/12/2022 18:02 | 10/12/2022 18:02 | 1 | Yes | | Yes |
| Tom Gloria | 10/12/2022 18:02 | 10/12/2022 21:04 | 182 | Yes | Yes | No |
| Steve Siegel - Structur | 10/12/2022 18:04 | 10/12/2022 18:04 | 1 | Yes | | Yes |
| Steve Siegel - Structur | 10/12/2022 18:04 | 10/12/2022 21:04 | 180 | Yes | Yes | No |
| Daniel Jick | 10/12/2022 18:04 | 10/12/2022 18:05 | 1 | Yes | | Yes |
| Daniel Jick | 10/12/2022 18:05 | 10/12/2022 21:04 | 180 | Yes | Yes | No |
| David Gillespie | 10/12/2022 18:05 | 10/12/2022 18:06 | 1 | Yes | | Yes |
| David Gillespie | 10/12/2022 18:06 | 10/12/2022 18:35 | 30 | Yes | Yes | No |
| Joel Bargmann. bh+a | 10/12/2022 18:08 | 10/12/2022 18:08 | 1 | Yes | | Yes |
| Joel Bargmann. bh+a | 10/12/2022 18:08 | 10/12/2022 18:52 | 44 | Yes | Yes | No |
| Frank Kennedy | 10/12/2022 18:13 | 10/12/2022 18:14 | 1 | Yes | | Yes |
| Ellen Light | 10/12/2022 18:14 | 10/12/2022 18:14 | 1 | Yes | | Yes |
| Ellen Light | 10/12/2022 18:14 | 10/12/2022 18:50 | 36 | Yes | Yes | No |
| Emily Prenner | 10/12/2022 18:24 | 10/12/2022 18:26 | 2 | Yes | | Yes |
| Emily Prenner | 10/12/2022 18:26 | 10/12/2022 18:26 | 1 | Yes | | Yes |
| Emily Prenner | 10/12/2022 18:26 | 10/12/2022 20:38 | 132 | Yes | Yes | No |
| Jonathan Kantar | 10/12/2022 18:30 | 10/12/2022 18:31 | 1 | Yes | | Yes |
| Jonathan Kantar | 10/12/2022 18:31 | 10/12/2022 21:04 | 153 | Yes | Yes | No |
| David Gillespie | 10/12/2022 18:35 | 10/12/2022 18:37 | 2 | Yes | | Yes |
| David Gillespie | 10/12/2022 18:37 | 10/12/2022 18:43 | 7 | Yes | | Yes |
| John Mulligan | 10/12/2022 18:39 | 10/12/2022 18:41 | 3 | Yes | | Yes |
| John Mulligan | 10/12/2022 18:41 | 10/12/2022 18:42 | 2 | Yes | | Yes |
| John Mulligan | 10/12/2022 18:43 | 10/12/2022 18:43 | 1 | Yes | | Yes |
| David Gillespie | 10/12/2022 18:43 | 10/12/2022 18:44 | 2 | Yes | | Yes |
| David Gillespie | 10/12/2022 18:43 | 10/12/2022 21:04 | 141 | Yes | | No |

Design Review Committee

Zoom Participants

12 October 2022

Meeting

| | | | | | | |
|-------------------------|------------------|------------------|-----|-----|-----|-----|
| John Mulligan | 10/12/2022 18:43 | 10/12/2022 21:04 | 141 | Yes | Yes | No |
| Ellen Light | 10/12/2022 18:51 | 10/12/2022 18:52 | 2 | Yes | | Yes |
| Ellen Light | 10/12/2022 18:52 | 10/12/2022 21:04 | 133 | Yes | Yes | No |
| Terry Sauro | 10/12/2022 18:53 | 10/12/2022 18:53 | 1 | Yes | | Yes |
| Terry Sauro | 10/12/2022 18:53 | 10/12/2022 21:04 | 132 | Yes | Yes | No |
| Larry Spang | 10/12/2022 18:53 | 10/12/2022 18:55 | 2 | Yes | | Yes |
| Larry Spang | 10/12/2022 18:55 | 10/12/2022 21:04 | 130 | Yes | Yes | No |
| Kelly Ashton | 10/12/2022 19:01 | 10/12/2022 19:03 | 3 | Yes | | Yes |
| Sallyann Thomas Farn | 10/12/2022 19:02 | 10/12/2022 19:03 | 2 | Yes | | Yes |
| Tora Coursey# Arrows | 10/12/2022 19:02 | 10/12/2022 19:03 | 2 | Yes | | Yes |
| Tora Coursey# Arrows | 10/12/2022 19:03 | 10/12/2022 21:04 | 121 | Yes | | No |
| Sallyann Thomas Farn | 10/12/2022 19:03 | 10/12/2022 20:26 | 83 | Yes | | No |
| Kelly Ashton - TerrainI | 10/12/2022 19:03 | 10/12/2022 21:04 | 121 | Yes | Yes | No |
| Michelle Callahan - Ni | 10/12/2022 19:05 | 10/12/2022 19:12 | 8 | Yes | | Yes |
| Michelle Callahan - Ni | 10/12/2022 19:12 | 10/12/2022 21:04 | 112 | Yes | Yes | No |
| Maura Morse (she/he | 10/12/2022 19:19 | 10/12/2022 19:20 | 2 | Yes | | Yes |
| Maura Morse (she/he | 10/12/2022 19:20 | 10/12/2022 21:04 | 104 | Yes | | No |
| Kate Bubriski | 10/12/2022 19:28 | 10/12/2022 20:03 | 35 | Yes | | Yes |
| Kate Bubriski | 10/12/2022 20:03 | 10/12/2022 21:04 | 62 | Yes | Yes | No |
| Maria Scibelli Greenb | 10/12/2022 20:04 | 10/12/2022 20:07 | 4 | Yes | | Yes |
| Maria Scibelli Greenb | 10/12/2022 20:07 | 10/12/2022 21:04 | 57 | Yes | Yes | No |