



# LEED v4.1 BD+C Project Checklist

Project Name: Arlington Brewing Company - 15 Ryder St  
Date: 2025-01-22

Y ? N

|  |  |  |        |                     |   |                     |
|--|--|--|--------|---------------------|---|---------------------|
|  |  |  | Credit | Integrative Process | 1 | Comment / Narrative |
|--|--|--|--------|---------------------|---|---------------------|

|   |   |   |                                    |                                              |    |                                                                                                                                                                                      |
|---|---|---|------------------------------------|----------------------------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7 | 0 | 0 | <b>Location and Transportation</b> |                                              |    | <b>16</b>                                                                                                                                                                            |
|   |   |   | Credit                             | LEED for Neighborhood Development Location   | 16 |                                                                                                                                                                                      |
| 1 |   |   | Credit                             | Sensitive Land Protection                    | 1  | This project is building on previously developed land.                                                                                                                               |
|   |   |   | Credit                             | High Priority Site and Equitable Development | 2  |                                                                                                                                                                                      |
| 4 |   |   | Credit                             | Surrounding Density and Diverse Uses         | 5  | The walk score for 15 Ryder St is 86                                                                                                                                                 |
|   |   |   | Credit                             | Access to Quality Transit                    | 5  | The location does not meet this requirement. Requirerent is 72/30 trips (weekday/weekend) . Existing total is 60/36. Route 77 = 36/36, Route 67 = 24/0                               |
|   |   |   | Credit                             | Bicycle Facilities                           | 1  | The project meets this criteria except for showers.                                                                                                                                  |
| 1 |   |   | Credit                             | Reduced Parking Footprint                    | 1  | Parking footprint is 24.6% of baseline requirement - Appendix 4 requirement is 81.3 TOTAL ==> 77.4 restaurant (3872sf*20spots/1000sf) + 3.9 manufacturing (2133sf*1.85spots/1,000sf) |
| 1 |   |   | Credit                             | Electric Vehicles                            | 1  | Stretch energy code requires rediness for 2 EV stations                                                                                                                              |

|   |   |   |                          |                                            |          |                                                                               |
|---|---|---|--------------------------|--------------------------------------------|----------|-------------------------------------------------------------------------------|
| 3 | 0 | 0 | <b>Sustainable Sites</b> |                                            |          | <b>10</b>                                                                     |
| Y |   |   | Prereq                   | Construction Activity Pollution Prevention | Required |                                                                               |
| 1 |   |   | Credit                   | Site Assessment                            | 1        | Project takes into account various site considerations.                       |
| 1 |   |   | Credit                   | Protect or Restore Habitat                 | 2        | Project inclues 22% restored area, with calculation based on leased premises. |
|   |   |   | Credit                   | Open Space                                 | 1        |                                                                               |
|   |   |   | Credit                   | Rainwater Management                       | 3        |                                                                               |
|   |   |   | Credit                   | Heat Island Reduction                      | 2        |                                                                               |
| 1 |   |   | Credit                   | Light Pollution Reduction                  | 1        | Light pollution considerations are required by town bylaws                    |

|   |   |   |                         |                               |          |                                                                                     |
|---|---|---|-------------------------|-------------------------------|----------|-------------------------------------------------------------------------------------|
| 8 | 0 | 0 | <b>Water Efficiency</b> |                               |          | <b>11</b>                                                                           |
| Y |   |   | Prereq                  | Outdoor Water Use Reduction   | Required |                                                                                     |
| Y |   |   | Prereq                  | Indoor Water Use Reduction    | Required |                                                                                     |
| Y |   |   | Prereq                  | Building-Level Water Metering | Required |                                                                                     |
| 2 |   |   | Credit                  | Outdoor Water Use Reduction   | 2        | No irrigation required for landscaping.                                             |
| 3 |   |   | Credit                  | Indoor Water Use Reduction    | 6        | 36% reduction from current baseline.                                                |
| 2 |   |   | Credit                  | Optimize Process Water Use    | 2        | Reclaim 100% of brewing process water for reuse in product.                         |
| 1 |   |   | Credit                  | Water Metering                | 1        | Install dedicated water meters for indoor plumbing and fixtures and brewing process |

|   |   |   |                              |                                            |          |                                                                      |
|---|---|---|------------------------------|--------------------------------------------|----------|----------------------------------------------------------------------|
| 8 | 2 | 0 | <b>Energy and Atmosphere</b> |                                            |          | <b>33</b>                                                            |
| Y |   |   | Prereq                       | Fundamental Commissioning and Verification | Required |                                                                      |
| Y |   |   | Prereq                       | Minimum Energy Performance                 | Required |                                                                      |
| Y |   |   | Prereq                       | Building-Level Energy Metering             | Required |                                                                      |
| Y |   |   | Prereq                       | Fundamental Refrigerant Management         | Required |                                                                      |
|   | 2 |   | Credit                       | Enhanced Commissioning                     | 6        | Building Enclosure Commissioning                                     |
| 4 |   |   | Credit                       | Optimize Energy Performance                | 18       | Compliance with stretch energy code results in a minimum of 4 points |
|   |   |   | Credit                       | Advanced Energy Metering                   | 1        |                                                                      |
|   |   |   | Credit                       | Grid Harmonization                         | 2        |                                                                      |
| 3 |   |   | Credit                       | Renewable Energy                           | 5        | 100% renewable energy from Arlington Community Energy                |
| 1 |   |   | Credit                       | Enhanced Refrigerant Management            | 1        | Use only refrigerants with ODP=0, GWP<50                             |

|   |   |   |                                |                                              |          |                                                                                            |
|---|---|---|--------------------------------|----------------------------------------------|----------|--------------------------------------------------------------------------------------------|
| 5 | 2 | 0 | <b>Materials and Resources</b> |                                              |          | <b>13</b>                                                                                  |
| Y |   |   | Prereq                         | Storage and Collection of Recyclables        | Required |                                                                                            |
| 5 |   |   | Credit                         | Building Life-Cycle Impact Reduction         | 5        | Build will reuse at least 60% of existing structural elements, with the goal to get to 75% |
|   | 1 |   | Credit                         | Environmental Product Declarations           | 2        | Strive to use products with EPD certifications.                                            |
|   | 1 |   | Credit                         | Sourcing of Raw Materials                    | 2        | Responsible sourcing of at least 15% building products                                     |
|   |   |   | Credit                         | Material Ingredients                         | 2        |                                                                                            |
|   |   |   | Credit                         | Construction and Demolition Waste Management | 2        |                                                                                            |

| 1 | 5 | 0 | Indoor Environmental Quality |                                                 | 16       |                                                                                                                                                         |
|---|---|---|------------------------------|-------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y |   |   | Prereq                       | Minimum Indoor Air Quality Performance          | Required |                                                                                                                                                         |
| Y |   |   | Prereq                       | Environmental Tobacco Smoke Control             | Required |                                                                                                                                                         |
|   | 1 |   | Credit                       | Enhanced Indoor Air Quality Strategies          | 2        | We plan to install entryway system, filter outdoor air, filter recirculated air, operable windows, and CO2 monitor.                                     |
|   | 2 |   | Credit                       | Low-Emitting Materials                          | 3        | Low VOC material categories include paint, insulation, ceilings.                                                                                        |
|   |   |   | Credit                       | Construction Indoor Air Quality Management Plan | 1        |                                                                                                                                                         |
|   |   |   | Credit                       | Indoor Air Quality Assessment                   | 2        |                                                                                                                                                         |
|   |   |   | Credit                       | Thermal Comfort                                 | 1        |                                                                                                                                                         |
| 1 | 1 |   | Credit                       | Interior Lighting                               | 2        | We will install a lighting control system that provides dimmable lighting. Additionally, we will target glare reduction and color rendering strategies. |
|   |   |   | Credit                       | Daylight                                        | 3        |                                                                                                                                                         |
|   |   |   | Credit                       | Quality Views                                   | 1        |                                                                                                                                                         |
|   | 1 |   | Credit                       | Acoustic Performance                            | 1        | Sound transmission, reverbration time                                                                                                                   |

|   |   |   |            |                              |   |                                                  |
|---|---|---|------------|------------------------------|---|--------------------------------------------------|
| 1 | 0 | 0 | Innovation |                              | 6 | Reduced parking footprint achieves 75% reduction |
| 1 |   |   | Credit     | Innovation                   | 5 |                                                  |
|   |   |   | Credit     | LEED Accredited Professional | 1 |                                                  |

| 4 | 0 | 0 | Regional Priority |                                                                          | 4 |
|---|---|---|-------------------|--------------------------------------------------------------------------|---|
| 1 |   |   | Credit            | Regional Priority: Specific Credit - Indoor water use reduction          | 1 |
| 1 |   |   | Credit            | Regional Priority: Specific Credit - Renewable energy                    | 1 |
| 1 |   |   | Credit            | Regional Priority: Specific Credit - Optimize energy performance         | 1 |
| 1 |   |   | Credit            | Regional Priority: Specific Credit - Building lifecycle impact reduction | 1 |

|                                                                                                                             |          |          |               |                  |            |
|-----------------------------------------------------------------------------------------------------------------------------|----------|----------|---------------|------------------|------------|
| <b>37</b>                                                                                                                   | <b>9</b> | <b>0</b> | <b>TOTALS</b> | Possible Points: | <b>110</b> |
| <b>Certified:</b> 40 to 49 points, <b>Silver:</b> 50 to 59 points, <b>Gold:</b> 60 to 79 points, <b>Platinum:</b> 80 to 110 |          |          |               |                  |            |

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