City of

Cambridge **Cool Factor Score Sheet** 3/24/2021 Total Lot Area (SF) Sample Applicant Name PB-XXX 40000 Enter minimum required open space ratio. If the ratio is less than 20%, enter 20 here. Open Space Requirement (%) ne Nu Sample Applicant Contact / Address 000-000-0000 20% Low slope roofs (i.e.  $\leq 2:12$ ) must have a minimum SRI of 82. Steep slope roofs (i.e. > 2:12) must have a minimum SRI of 39. ncludes High SRI Roof SRI Value Yes Sample ample@sample.com Project Description Sample run to demonstrate how the form worke **\_** Trees

High-SRI roofs are a prerequisite of the Cool Factor and therefore are not assigned a point value.

vvnen entering strategies that are within 20' of the public right of way (column L), do not also enter them in column H.

If your project scores 1 or above, you have successfully met the requirements of the Cool

| Sample run to demonstrat   |  |                           |                 | Pass |                         |                 |                      |
|--|--|---------------------------|-----------------|------|-------------------------|-----------------|----------------------|
|  |  | Outside<br>20' of<br>PROW | Value<br>Factor |      | Within 20'<br>of PROW   | Value<br>Factor | Contributing<br>Area |
| Trees  | Preserved Existing Trees                                   |                           |                 |      |                         |                 |                      |
| Enter the number of<br>trees in each category.<br>Count each tree only<br>once on this form. | A1 Understory tree currently <10' canopy spread            | 1                         | 0.80            | +    | 1                       | 1.60            | 360                  |
|  | A2 Understory tree currently >10' canopy spread            | 1                         | 1.00            | +    | 1                       | 2.00            | 450                  |
|  | A3 Canopy tree currently <15' canopy spread                | 1                         | 0.80            | +    | 1                       | 1.60            | 1,680                |
|  | A4 Canopy tree currently between 15' and 25' canopy spread | 1                         | 1.00            | +    | 1                       | 2.00            | 2,100                |
|  | A5 Canopy tree currently >25' canopy spread                | 1                         | 1.20            | +    | 1                       | 2.40            | 2,520                |
|  | New or Transplanted Trees                                  |                           |                 |      |                         |                 |                      |
|  | A6 Understory tree   | 1                         | 0.60            | +    | 1                       | 1.20            | 270                  |
|  | A7 Canopy tree   | 1                         | 0.70            | +    | 1                       | 1.40            | 1,470                |
| Planting Areas   | B1 Lawn  | 100                       | 0.30            | +    | 100                     | 0.60            | 90                   |
| -  | B2 Low Planting  | 100                       | 0.40            | +    | 100                     | 0.80            | 120                  |
| Enter area in square<br>feet of each component<br>in the box provided                        | B3 Planting  | 100                       | 0.50            | +    | 100                     | 1.00            | 150                  |
| in the box pronded   |  |                           |                 |      |                         |                 |                      |
| Green Roofs &<br>Facades<br>For definitions, see<br>reference document.                      | C1 Green Façade  | 100                       | 0.10            | +    | 100                     | 0.20            | 30                   |
|  | C2 Living Wall   | 100                       | 0.30            | +    | 100                     | 0.60            | 90                   |
|  | C3 Green Roof  | 100                       | 0.30            | +    | 100                     | 0.60            | 90                   |
|  | C4 Short Intensive Green Roof                              | 100                       | 0.50            | +    | 100                     | 1.00            | 150                  |
|  | C5 Intensive Green Roof                                    | 100                       | 0.60            | +    | 100                     | 1.20            | 180                  |
|  | D1 High-SRI Roof   | Required                  | N/A             |      |                         |                 |                      |
| Paving &   | D2 High-SRI Paving   | 100                       | 0.1             |      |                         |                 | 10                   |
| Structures   | D3 High-SRI Shade Structure                                | 100                       | 0.2             | +    | 100                     | 0.40            | 60                   |
| Project<br>Summary   | Portion of lot area utilizing green strategies             |                           |                 |      | Total Contributing Area |                 | 9,820                |
|  |  |                           |                 |      | Total Area Goal         |                 | 8,000                |
|  | Portion of score from green strategies                     |                           |                 |      |                         |                 | 0,000                |
|  | Portion of score from trees                                |                           |                 |      | COOL FAC                | 1.23            |                      |