

Supporting Concept/Idea
Sustainable/Maintenance-Free Landscaping
on Hull Redevelopment Authority (HRA) Parcels
with
Kinetic/Wind Sculptures
Hull Seaside Art Walk

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HRA Policy for Submissions Guidelines

1. The parcel(s) on which your concept would exist. Please reference the parcel number(s) using either or both of these parcel maps:

Response:

This document describes a supporting concept of Kinetic/Wind Sculptures which may be positioned on any and all HRA parcels to enhance the selected redevelopment project.

The HRA parcels are identified by HRA Existing Parcels and Post Two-Way-Road Plan maps:

HRA Existing Parcels Map:

- Parcel 33-010 – (192,492 sf - 5 Water Street - Bonfire Lot) – TBD based on main project
- Parcel 27-035 – Near Doc Bergin’s House (61,764 sf - 14 Samoset Ave) – TBD based on main project
- Parcel 27-034 – Current HRA Parking (32,910 sf - 2 Samoset Ave) – TBD based on main project
- Parcel #33-066 – TBD based on main project (96,908 sf)
- Parcel #27-119 – TBD based on main project (47,689 sf)
- Parcel #33-067 – TBD based on main project (219,734 sf)

Post Two-Way-Road Plan Map:

- Parcel 4 – TBD based on main project (78,932 sf)
- Parcel 2 – TBD based on main project (81,606 sf)
- Parcel 3 – TBD based on main project (59,846 sf)
- Parcel 1 – TBD based on main project (81,699 sf)
- Parcel #6a – Near Hotel Parking & Gazebo (48,383 sf) – TBD based on main project
- Parcel #7 – TBD based on main project (59,164 sf)
- Parcel #6 will remain as *Open Space* (79,297 sf)

2. The approximate size (in square feet) of your concept referencing a similar project in a different community. (The reference to an existing facility will make it easier for others to understand your suggestion more fully.) Please include visuals.

Response:

The ideas and links below were taken from the Carroll Creek Kinetic Art Promenade Project, https://www.aushermanfamilyfoundation.org/wp-content/uploads/2019/07/AFF_-RFP-_Kinetic-Wind-Art_Carroll-Creek.pdf – See “*Kinetic Art Sculpture Video Links, Simple to Very Complex Structures*”, copied from the Carroll Creek Kinetic Art Promenade Project.

3. A description of how your concept would benefit the Town of Hull.

Response: See “*Kinetic/Wind Sculptures – Sustainable Landscaping – Hull Seaside Art Walk*” below.

4. Please include details of what you may have learned while researching your concept.

- a. Infrastructure needs

Response: Solar lighting may enhance the art work, otherwise no additional infrastructure in terms of utilities or maintenance.

- b. Maintenance Requirements

Response: None – The goal is to be maintenance-free.

- c. Capacity of your idea (number of people it will serve)
Response: As this idea is supportive in nature, the number of visitors will be flexible and can handle the number of people served by the main project/event.
- d. Information you think will be important to know but were unable to discover, for example:
- i. Preliminary cost-benefit analysis, to the Town of Hull and/or HRA
Response: A google search has shown other towns/cities have been very successful generating revenue from the additional visitors attracted by the Kinetic/Wind Sculptures.
 - ii. Funding sources: private, public, grant
Response: A google search has shown other towns/cities have been very successful obtaining funds through grants and public funding. "In 2018, the town received a \$26,680 grant from the Executive Office of Energy and Environmental Affairs (EEA) to complete a new, 7 year Open Space and Recreation Plan" (<https://www.town.hull.ma.us/print/8903>). "The 2020-2027 Hull Open Space and Recreation Plan (OSRP) updates and revises the 2000 Open Space and Recreation Plan approved by the Massachusetts Executive Office of Energy and Environmental Affairs. This document has been prepared to serve as a planning guide for the protection and preservation of the town's unique open space system, its complex needs, and the goals of the community." (https://www.town.hull.ma.us/sites/g/files/vyhlif3286/f/uploads/2021_hull_osrp_final_plan-dcs_approved_02.16.21.pdf)
 - iii. Will it require a zoning change?
Response: TBD – Requires input from someone knowledgeable in zoning.

Kinetic/Wind Sculptures – Sustainable Landscaping – Hull Seaside Art Walk

The Kinetic Sculptures for sustainable landscape concept is an idea that aligns with Open Space Principles while offering an enriching experience to the community of Hull. Kinetic Sculptures are not merely static artworks; they are dynamic, interactive, installations whose movement adds to the natural surroundings. These sculptures respond to environmental forces, adding a captivating element to Hull's open areas and providing a dynamic platform for community engagement.

Open Space Principles include the integration of art and nature and Kinetic Sculptures embody this integration by becoming artistic elements within Hull's natural landscapes. They celebrate the beauty of the environment while inviting artistic expression.

The Kinetic Sculptures are designed to coexist with the environment, respecting the natural beauty of Hull's Open Spaces. They do not obstruct or harm the natural surroundings but instead enhance them. Design and placement of the sculptures are an artistic expression that will be implemented within the parameters established by the Design Committee who will use Open Space principles.

Kinetic Sculptures provide a flexible and adaptable platform for various events and activities. They can be strategically placed in Open Spaces, enhancing the appeal of these areas and making them a focal point for community gatherings, performances, educational programs and seasonal events. The introduction of Kinetic Sculptures into the Town of Hull's Open Spaces, will further enhance the appeal of our town while staying true to the dedication of preserving our natural surroundings.

The HRA parcels on the beachside and the bayside are especially suitable for Kinetic/Wind Sculpture art installation. The ocean to bay corridor (east/west) funnels a generous passage of wind. A promenade will provide a relaxing and contemplative oasis where people love to meet.

Kinetic/Wind Sculptures will be positioned along the HRA parcels near pedestrian paths made up of permeable pavers and/or brick. The Art Walk will be on display permanently and may be coordinated with "Hull Arts". This Art Walk is intended to enhance any event or gathering at the HRA parcels. The Kinetic Sculptures will attract visitors year round to explore, creating an opportunity to enjoy and participate in community, and build social cohesion that extends beyond the traditional summer season.

Along with exploring partnerships with local artists and craftsmen, contributing to Hull's economic sustainability, there is a high potential for sharing on social media which will attract more visitors and be an additional boost to tourism, Hull Arts and the resulting tourist revenue. The year round ancillary revenue generated will contribute to the overall sustainability of the HRA parcel transformations and ensure long term success.

The project budget can range from zero with donated art to many thousands of dollars for an artist, team of collaborative artists, welders working alone or collaboratively to layout and install public art. The project budget includes artist(s) fees, supplies, fabrication, installation, travel related expenses, and other associated costs of the project. For durability purposes, the Kinetic Sculptures could be made of materials appropriate for exterior seaside exposure, measure up to a height that is in keeping with Open Space principles, and be inspired by seascape themes. Life Cycle expectations should be durable for a seashore exposure to age in place. Solar panel lighting for around the clock enjoyment is encouraged to enhance visibility, and the emphasis would be on creativity and esthetics, and not necessarily on size. The design will be suitable and acceptable for public viewings of all ages. All Kinetic/Wind art will be attached to a standardized stand, solidly anchored to withstand the elements and maintenance free.

Kinetic Art Sculpture Video Links, Simple to Very Complex Structures:

1. Boynton Beach FL, Exhibit <https://www.youtube.com/watch?v=xuXdVAxyFXs>
2. Garden Wind Spinners <https://www.youtube.com/watch?v=yo7o9vJyZog>
3. Spinners - Evergreen Garden <https://www.youtube.com/watch?v=p0UUh2osZS0>
4. Wind Sculptures – Colorado <https://www.youtube.com/watch?v=hpZvn3YtPYY>
5. Wind Turbines – Recycles <https://www.youtube.com/watch?v=D5IueA7mam8>
6. Kinetic Spinners https://www.youtube.com/watch?v=Xw_o_pNbQOk
7. George Sherwood <https://www.youtube.com/watch?v=tynysOsTuF4>
8. Lyman Whitaker <https://www.youtube.com/watch?v=nvopRppaoY>
9. Stanwood Imports <https://youtu.be/zPc-bCatdW0?si=xlgMIZeSx27SDCzB>
10. Anthony Howe https://www.youtube.com/watch?v=RshSaF_juGs
11. Bruce Russell <https://www.youtube.com/watch?v=tMi5jJcHG90&app=desktop>
12. Kunst zwischen Kiefern <https://www.youtube.com/watch?v=6aK59nhRkSM>
13. Sabeck & Laudenslager <https://www.youtube.com/watch?v=4NFXuSgGNCM>
14. Atlanta Botanical Garden <https://www.youtube.com/watch?v=bMma94jD3V8>
15. Weathervane - Al Garnto <https://www.youtube.com/watch?v=vt0WE6pn4IA>
16. Sun Catcher Wind Sculpture <https://www.youtube.com/watch?v=YyXJTjxTsRc>
17. Ivan Black <https://www.youtube.com/watch?v=OnzRUEoayg4>
18. Toni Obrist <https://www.youtube.com/watch?v=bFTrZcOMhJ0>
19. David Boyer <https://www.youtube.com/watch?v=2eSeTs2BX8s>
20. Third Rendition <https://www.youtube.com/watch?v=uUdGAUFV4gc>