

# Project Proposal

## 11th Street Community Garden

### Description

Repair an uneven section of the brick walkway near the shed and east deck to eliminate a tripping hazard and improve safety. Existing bricks will be reset on a new leveled base while preserving the appearance of the current pathway.

### Sketch



## Benefits

This project will:

- Remove a tripping hazard in a frequently used area of the garden.
- Improve accessibility for members and visitors.
- Reduce uneven surfaces, missing bricks, and large gaps.
- Improve the appearance of a central walkway.
- Reuse existing materials and preserve the character of the garden.
- Establish a documented method for future maintenance of the brick pathway.

## Challenges

### **Weather**

Light rain is not expected to damage materials or the completed installation. If severe weather prevents completion, work will continue during the contingency period.

### **Uneven Existing Conditions**

The underlying soil may require additional leveling. Minor field adjustments may be made to achieve a safe and stable finished surface.

### **Work Area Safety**

The work area will be blocked off while bricks are removed and reinstalled. Visitors will be directed around the work zone.

### **Material Delivery**

Materials will be delivered shortly before the work day and staged to minimize interference with normal garden operations.

### **Project Completion**

The project scope has been intentionally limited so it can reasonably be completed within a single work day by a small volunteer team.

## Additional Maintenance

Normal maintenance may include:

- Occasional sweeping.
- Replenishing joint sand if settlement occurs.
- Routine inspection for shifting or damaged bricks.

## Funding & Materials

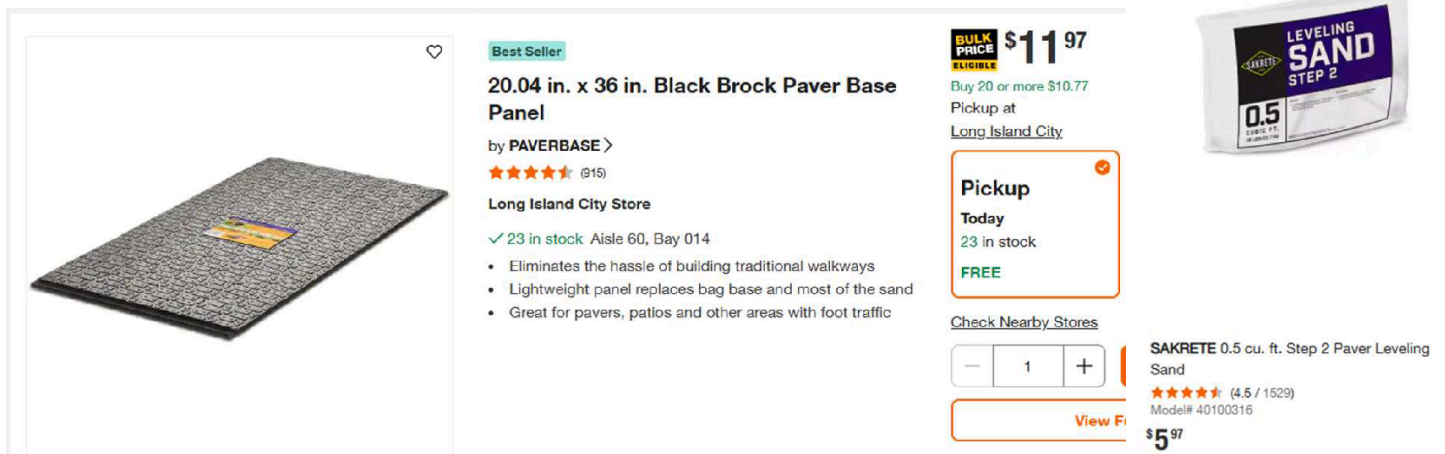
### Existing Materials

- Existing brick walkway
- Existing levels and hand tools

### Materials to Purchase

Item	Quantity	Estimated Cost
Plastic paver panels	10	\$130
Leveling sand	5 bags	\$30
Locking/polymeric sand	1–2 bags	\$25–\$60

**Budgeted total cost: \$220**



The screenshot shows a Home Depot product page. On the left is an image of a '20.04 in. x 36 in. Black Brock Paver Base Panel'. The product is labeled as a 'Best Seller' and is by 'PAVERBASE'. It has a 4.5-star rating from 915 reviews. The price is \$11.97, with a 'BULK PRICE AVAILABLE' badge. Below the price, it says 'Buy 20 or more \$10.77'. The pickup location is 'Long Island City'. A 'Pickup Today' button is available, with '23 in stock' and 'FREE' shipping. To the right is an image of a 'SAKRETE 0.5 cu. ft. Step 2 Paver Leveling Sand' bag. The price for the sand is \$5.97. The product has a 4.5-star rating from 1529 reviews. A 'View Fi' button is visible at the bottom of the product card.

The pressure washer used to clean the bricks will be supplied separately and is not included in the funding request.

## Tools & Safety

### Tools

- Pressure washer
- Shovels
- Trowels
- Hand cultivators
- Broom
- Level
- Tamper
- Buckets
- Gloves

### Safety Considerations

- Volunteers should wear gloves and closed-toe shoes.
- Proper lifting techniques should be used when moving bricks.
- Eye protection is recommended during pressure washing.
- The work area will remain closed until safe for use.

## Space & History

The project is located within an existing walkway and does not permanently expand the footprint of any garden structure.

Temporary relocation of nearby movable items, such as benches or planters, may be required during construction.

The project preserves the existing character of the garden by reusing the current brick pathway rather than replacing it with a different material or design.

## Timeline

### Proposed Work Day

Saturday, June 13

10:00 AM – 4:00 PM

### Contingency Period

Sunday, June 14

9:00 AM – 12:00 PM



## **Work Sequence**

1. Deliver materials.
2. Mark and secure the work area.
3. Remove and clean existing bricks.
4. Excavate and level the subgrade.
5. Compact soil.
6. Install approximately ½ inch of leveling sand.
7. Install drainage paver panels.
8. Reinstall existing bricks.
9. Fill joints with locking sand.
10. Inspect and correct any uneven areas.
11. Reopen the pathway.

## **Steward**

**Project Steward:** Ross

The steward will coordinate volunteers, materials, and execution of the approved plan.

Minor field adjustments necessary to complete the approved scope safely may be made by the steward. Any substantial change in scope, appearance, budget, or project area should be brought back to the membership for approval.

## Alternatives

### **Alternative 1:** No Action

The existing tripping hazard remains.

### **Alternative 2:** Repair Only the Step

Adjacent uneven sections would remain and could continue to create hazards.

### **Alternative 3:** Full Walkway Reconstruction

Greater cost, larger scope, longer disruption, and increased project risk.

### **Alternative 4:** Traditional Gravel Base

Requires more excavation, material, labor, and time than the proposed paver panel system.

## Details

The project area is limited to the section of brick walkway adjacent to the east deck and shed, extending approximately from the 35-foot mark to the 50-foot mark. Expansion of the project beyond this area requires separate approval.

Existing bricks within the project area will be carefully removed, cleaned, and reused whenever practical. Bricks that are damaged beyond reuse may be replaced with matching bricks from existing garden inventory.

The existing base material will be excavated and leveled as necessary to create a stable foundation. A layer of leveling sand and drainage paver panels will be installed before the bricks are reset. Joint material will be added after installation to secure the bricks and reduce movement.

The finished walkway should provide a smooth transition between the deck and the existing path, eliminating the current tripping hazard. The completed surface should be stable, free of loose or rocking bricks, and suitable for normal pedestrian traffic.

Benches, planters, or other movable items that must be temporarily relocated to perform the work will be returned to their original location or a nearby suitable location upon completion.

The project area will remain closed while construction is underway. The pathway will be reopened only after the work area has been cleaned and the surface is safe for normal use.

The project will be considered complete when:

1. The approved section of walkway has been fully restored.
2. The existing tripping hazard has been eliminated.
3. The walkway is safe and stable for pedestrian use.
4. Materials, tools, and construction debris have been removed from the work area.