

TOWN OF JAMESTOWN  
ZONING BOARD OF REVIEW

**Application for Exception or Variation under the Zoning Ordinance**

Zoning Board of Review;

Jamestown, R. I.

Date 10/4/24

Gentlemen:

The undersigned hereby applies to the Zoning Board of Review for an exception or a variation in the application of the provisions or regulations of the zoning ordinance affecting the following described premises in the manner and on the grounds hereinafter set forth.

Applicant Susan S Gorelick, Trustee Address 20 Bark Ave, Jamestown, R.I. 02835

Susan S. Gorelick 2019

Owner Declaration of Trust Address 20 Bark Ave, Jamestown, R.I. 02835

Lessee N/A

Address \_\_\_\_\_

1. Location of premises: No. 20 Bark Ave, Jamestown, R.I. 02835 Street \_\_\_\_\_

2. Assessor's Plat 16 Lot 38

3. Dimensions of lot: frontage 128 ft. depth 240 ft. Area 30,720 sq. ft.

4. Zoning Districts in which premises are located: Use R40 Area \_\_\_\_\_ Height \_\_\_\_\_

5. How long have you owned above premises? 31 years

6. Is there a building on the premises at present? Yes

7. Size of existing building 2,259 sq ft (house and pottery studio)

Size of proposed building or alteration 192 sq ft

8. Distance of proposed bldg. or alteration from lot lines:

front 114 ft rear 110 ft left side 66 ft right side 42 ft

9. Present use of premises: Primary residence

10. Proposed use of premises: Primary residence

Location of septic tank & well on lot Septic is behind the house, well is in front of the house

11. Give extent of proposed alterations Construct a 12'x16' garden high tunnel.  
Height is 8'1". Base will be crushed stone. Stormwater mitigation will be  
accomplished with drainage into an engineer designed rain garden.

12. Number of families for which building is to be arranged: None, this is not a living space.

13. Have you submitted plans for above to Inspector of Buildings? Yes

Has the Inspector of Buildings refused a permit? No

14. Provision or regulation of Zoning Ordinance or State Enabling Act under which application  
for exception or variance is made:

Zoning ordinance Section 82-800 - High Groundwater  
Table and Impervious Overlay District Sub-district A.

15. State the grounds for exception or variation in this case:

We want to extend our vegetable growing season.  
The high tunnel will be open on both sides most of the year,  
we will have it closed during the cold months. Stormwater  
mitigation will be contained within the rain garden.  
Impervious coverage with the proposed structure  
will be 8%, which meets current regulations.

Respectfully Submitted,

Signature



Address

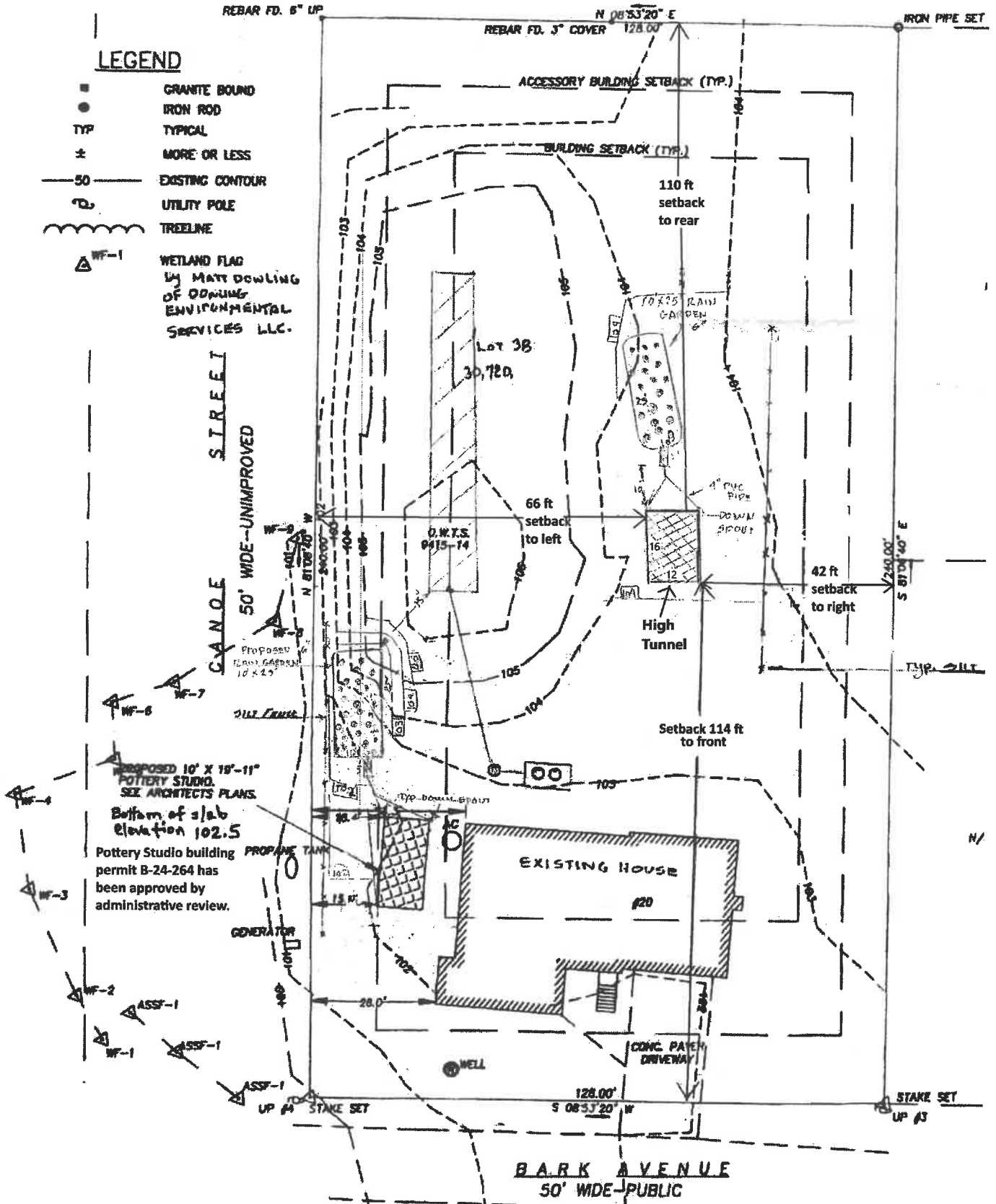
20 Bark Ave

Jamestown, R.I. 02835

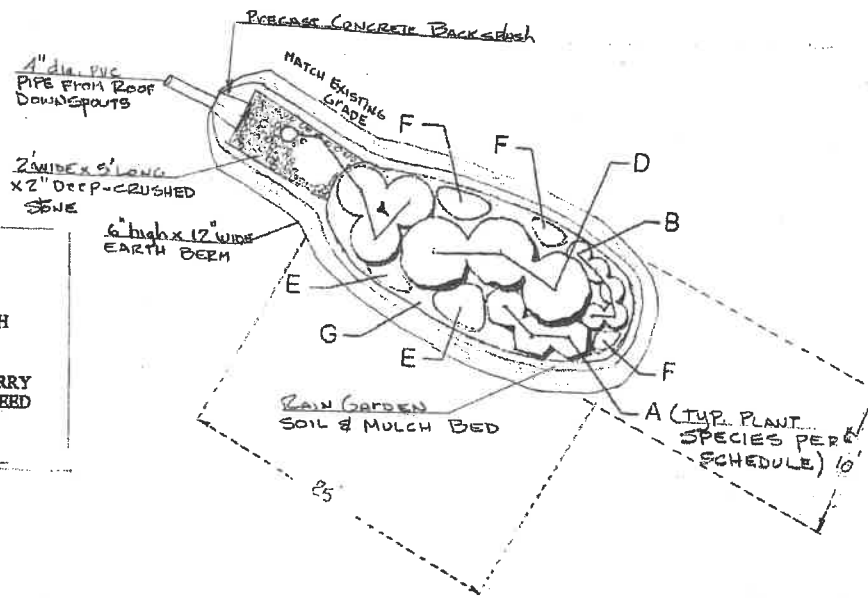
Telephone No. 401-864-6495

**NOTE: A LOCATION PLAN AND SKETCH AND DRAWINGS NECESSARY TO GIVE  
FULL INFORMATION MUST BE FILED WITH THE APPLICATION.**

Application of Susan S. Gorelick, Trustee, whose property is located at 20 Bark Avenue, and further identified as Tax Assessor's Plat 16, Lot 38 for a special use permit to construct a 12x16 foot garden high tunnel in the backyard. The property is in R-40 zone with 30,720 sq ft and falls under sub-district A requirements of the High Groundwater Table and Impervious Overlay District.



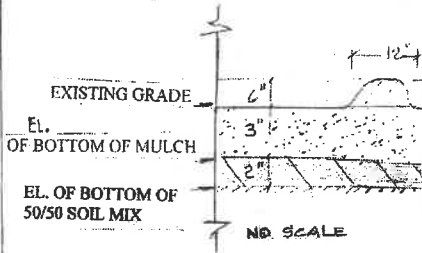
## RAIN GARDEN PLAN



### PLANTING SCHEDULE

LETTER	TYPICAL PLANT SPECIES
A	SWEET PEPPERBUSH
B	SWEET FERN
C	BAYBERRY
D	HIGHBUSH BLUEBERRY
E	BUTTERFLY MILKWEED
F	BLUEFLAG IRIS
G	LADY FERN

### SECTION THROUGH RAIN GARDEN



### PLANTING SCHEDULE (TYPICAL)

LETTER	QUANTITY	PLANT SPECIES
A	3	SWEET PEPPERBUSH
B	5	SWEET FERN
C	3	BAYBERRY
D	3	HIGHBUSH BLUEBERRY
E	3	BUTTERFLY MILKWEED
F	3	BLUEFLAG IRIS
G	3	LADY FERN

Drainage Area (ft <sup>2</sup> )	Rain Garden Surface Area in Silty Soils (Loams and Silt Loams) (ft <sup>2</sup> )		
	for 4 inch deep garden	for 6 inch deep garden	for 8 inch deep garden
100	34	25	16
200	68	50	32
300	102	75	48
400	136	100	64
500	170	125	80
600	204	150	96
700	238	175	112
800	272	200	128
900	306	225	144
1000	340	250	160

\*In lieu of a soil texture determination, use the calculated surface areas for silty soils.

### RAIN GARDEN CONSTRUCTION

- Install a 2 ft. wide 5 ft long x 2" layer of crushed stones at the end of the roof gutter piping at the entrance to the rain garden.
- Grade the bottom of the rain garden level per details.
- Install a 2" inch layer of 50% native topsoil and 50% mature organic compost, and a 3" layer of non-dyed aged shredded mulch.
- Create a 6" high soil berm around the entire area of the rain garden.
- Ensure that the area is not compacted prior to installing the plants per the planting detail.

### RAIN GARDEN MAINTENANCE

- Inspect the rain garden following at least the first two precipitation events of at least 1.0 inch to ensure that the garden is functioning.
- Monitor and maintain the plants during the growing season and replace dead as necessary.
- Remove any silts or sediments to prevent ponding. The garden should drain effectively within 48 hrs.
- Replace the top few inches and replace with fresh soil and mulch as necessary.
- Repair any erosion gullies they occur.
- Prune all plants as necessary.
- Do not fertilize or add pesticides to plants within the garden.
- Perennial plants and ground cover shall be replaced as necessary to maintain adequate vegetated ground cover. Annual plants may also be used to maintain ground cover.

### DRAINAGE CALCULATIONS

design basis 1" year 24 hr storm. Per the rainfall table the rainfall = 4.92"

- Impervious area of the pottery studio = 10' x 19'11" = 19.2 sf
- High tunnel area = 12' x 16' = 192 sf

Storm water design area for each rain garden = 200 sf

Per the Rain garden LID Table for a 1" rainfall the area required for a 6" rain garden = 50 sf. The area required for a 10 year storm = 50 x 4.92 = 246 sf

Sizing = 10' x 25' = 250 sf. The down spout must enter the stone sediment channel at the entrance into the garden per the attached detail. The species selected can be varies based on the plant size and separation distance for any annuals or perennials added for ground cover. Refer to the construction and maintenance notes.



## GrowSpan Round Hobby Greenhouses & Systems

Select configuration

Width \*  Length \*  Height \*  Fuel Type \*

GrowSpan Hobby Round Greenhouse - 12'W x 8'1"H x 16'L  
 \$4,145.00/EA

Quantity\*

Add to Cart

Item Number: 104832C

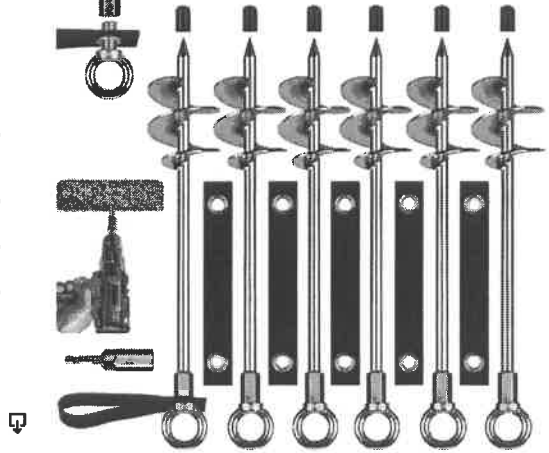
Availability: Usually available in 6 days (Manufactured Product)

### GrowSpan Round Hobby Greenhouses offers valuable growing space.

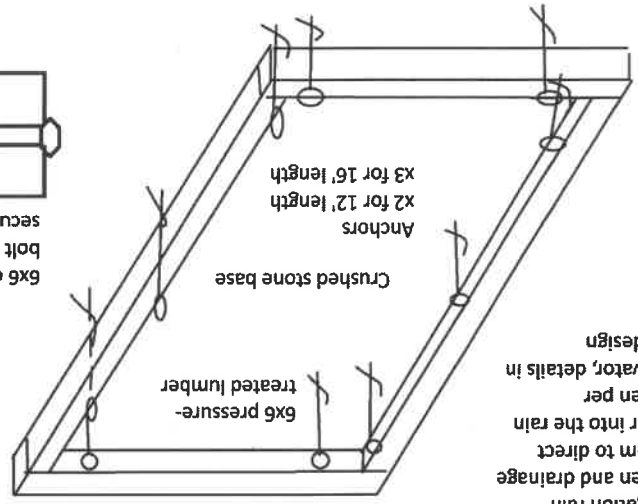
- Frame is manufactured from highest quality USA-made, triple-galvanized structural steel tubing, with 4 rafter spacing.
- GrowSpan Round Hobby Greenhouses use 1.315" OD with 17-gauge triple-galvanized structural steel tubing.
- End frame is constructed from strong 16-gauge, 1.5" square USA-made, triple-galvanized structural steel tubing.
- Ends are covered with 8 mm twin-wall polycarbonate offering superior insulating qualities and reduce heating costs and comes with a 10 year warranty.
- Heavy Duty ground posts are included.

### Fully Welded Ground Anchors, 18" Spiral Earth Anchor Heavy Duty Swing Set Anchors, 6pcs Wind Resistant Trampoline Wind Anchors with Straps for Securing Animals, Trees, Shed, Carport

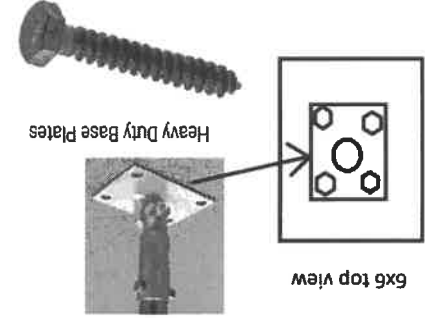
- **DIMENSIONS:** Overall length=17.5", ground stake length=15", spiral diameter =3", top ring diameter=20mm, supplied with 1.4mm socket.
- **HIGH QUALITY:** Our shed anchor kit are made with 12mm diameter high quality steel with chrome plate coating, full welded wider spirals, which have stronger hold in soils.
- **CONVENIENT DESIGN:** 1. Unscrew the eyelets, you can use impact drill/driver to quickly get them deep into the ground. 2. If need to move your equipment, just unscrew the eyelet, move everything, then pull the stakes and reposition.
- **MULTIPURPOSE TOOL:** Perfect for securing animals, trampolines, trees, shelters, tents, swings, and more, providing privacy and stability.



### Stormwater mitigation rain garden and drainage system to direct water into the rain garden per excavator, details in site design



Galvanized lag screws to secure the base plate to the 6x6 lumber - at least 2"



- Everbilt  
1/2 in.-13 Zinc Plated Hex Nut (15-Pack)  
Package Quantity: 15  
Fits Bolt Size: 1/2 inch
- Everbilt  
1/2 in. Zinc Flat Washer (5-Pack)  
Package Quantity: 5  
Fits Bolt Size: 1/2 inch
- Everbilt  
1/2 in.-13 x 8 in. Galvanized Hex Bolt (15-Pack)  
Package Quantity: 15  
Fits Bolt Size: 1/2 inch
- Everbilt  
Fastener Length: 8 in
- Size: 1/2 in



6x6 cross section bolt through to the anchor

