

PROJECT APPLICATION FORM – 2017

(Due Date: November 14, 2016)

Applicant: Acton Natural Resources Department**Submission Date:** 11/2/16**Applicant's Address:**

472 Main Street
 Acton, MA 01720
 Phone Number:
 978-621-8403

E-mail:

NR@ACTON-MA.GOV

Town Committee (if applicable):**Purpose: (Please select all that apply)**

- Open Space
 Community Housing
 Historic Preservation
 Recreation

Project Name:

Cedar Arbor, Kiosk and Culvert for Acton Arboretum

Project Location/Address:

2 Taylor Road, Acton, MA

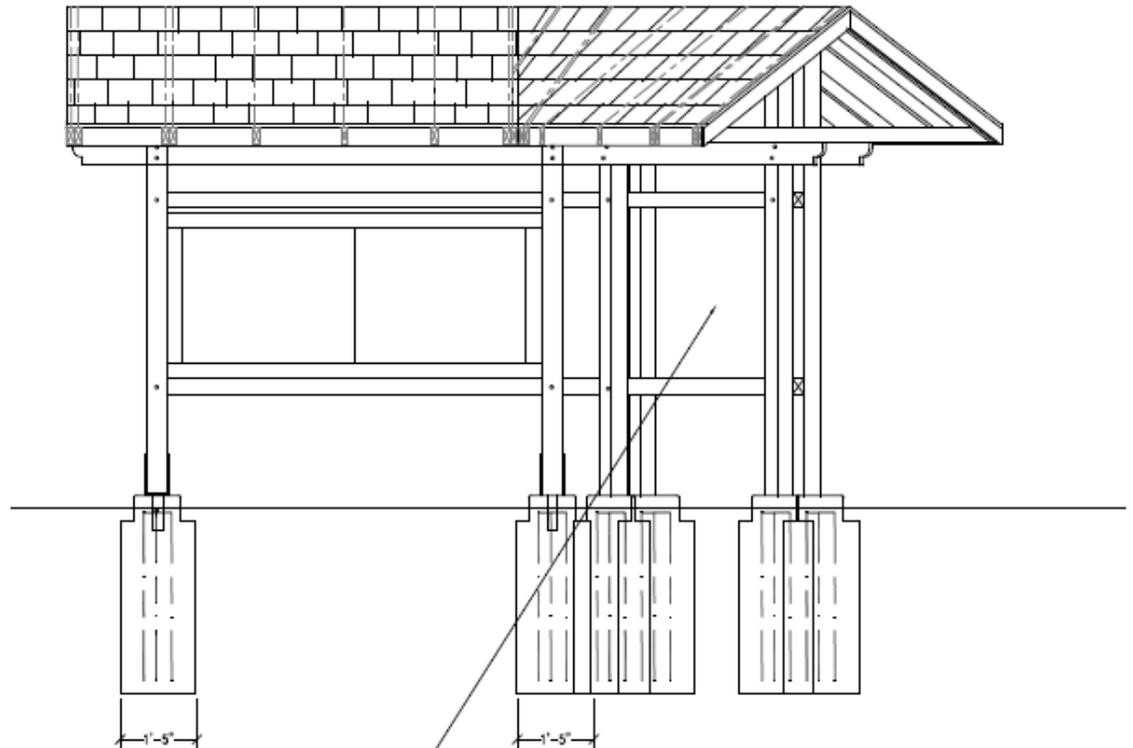
Total Amount Requested: \$24,000**Project Summary:** Purchase materials and install Items A, B and C below:**A) Cedar arbor to replace one that collapsed last winter \$8,185.00**

- Arboretum icon
- Mature trumpet vine (*Campsis radicans*) grows on it
- Accent to the butterfly garden for 30 years
- Cedar Arbor should endure another 30 years
- Materials to be purchased from vendor; Town staff will install.



B) Cedar kiosk for main entrance to the Arboretum \$13,656.25

- Updated design (current kiosk is 30 years old)
- Better aesthetics, more space
- Safer site from cars and trucks
- Improved wheelchair accessibility (height, terrain)
- Materials purchased and constructed by private contractor.



FRONT ELEVATION - (not completed interior panel on short end.

NOTES:

1. ALL WOOD TO BE EASTERN RED CEDAR.
2. ALL HARDWARE TO BE STAINLESS STEEL.
3. CEDAR SHAKES TO BE APPROX. 18" X 1/2" HANDSPLIT WITH AA 5 1/2" EXPOSURE.
4. USE COPPER FLASHING EXPOSED 1" ONE OTHER SIDE FROM UNDER SHAKE CAP.

C) Replace failed 5'x3'x8' concrete box culvert in wildflower trail \$1,990.00

- Integral to watershed
- Current unit is cracked and failing
- New culvert will improve accessibility of trail
- Town staff to install. Wetlands filing is complete.



TOWN OF ACTON
 472 Main Street
 Acton, Massachusetts, 01720
 Telephone (978) 929-6630
 Fax (978) 929-6340

Engineering Department

INTERDEPARTMENTAL COMMUNICATION

To: Conservation Commission

Date: 3/21/2016

From: Engineering Department

Subject: Arboretum – Culvert Design

The Natural Resource Department has asked us to properly size a replacement culvert at the Acton Arboretum. The existing culvert is a 2x2 concrete box culvert which we suggest replacing with a 3x3 box culvert (see attached detail). The proposed culvert will be embedded in the stream bed 1-foot to provide space to replicate a natural stream channel. The proposed box culvert will have a minimal effect on the flow rate and flood level. The area is not within a 100-year flood zone (see attached map). The proposed design nearly mimics the existing conditions.



Paul S. Campbell

AVAILABLE SIZES
 (H x W) – 3'x3' TO 10'x20'

NOTES:
 1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
 2. DESIGN PER ASTM C1433 BOX CULVERT
 3. ALL REINFORCEMENT PER ASTM A-615-75
 4. DESIGN FOR H-20 LOADING

CSHEA CONCRETE PRODUCTS New England's Premier Precaster 800-696-7432 (SHEA) www.sheaconcrete.com 775 Salem Street—Wilmington, MA 153 Cranberry Hwy—Rochester, MA 27 Haverhill Road—Amesbury, MA 160 Old Turnpike Rd—Holliston, MA Mail to: PO Box 520—Wilmington, MA 01887	BOX CULVERT
	Page: H4.1 BoxCulvert.dwg 11/14/2002

Specifications subject to change without notice

Community Donations

The Friends of the Acton Arboretum will contribute **\$1,000.00** to the grant via public fundraiser in support of proposed improvements.

In-kind labor – value \$

- Town staff labor to dig footings for kiosk
 - 2 men + 1 machine x 8 hours=
- Town staff labor to install culvert
 - 8 man hours X 3 men=
 - Dump truck 8 hours=
 - Backhoe 8 hours=
 - Total culvert labor=
- Town staff labor to construct and install cedar arbor
 - 8 man hours x 3 men=

Cost Summary

Total cost of all items	\$23,831.25
Contingency money	+\$1,168.75
Total cash donations	-\$1,000.00

Total grant request: \$24,000.00

Estimated Date for Commencement of Project: June 2017

Estimated Date for Completion of Project: November 2017

Town of Acton 31 Application Instructions & Required Attachments
2017 Community Preservation Plan – 09/2016



Town of Acton Recreation Department

472 Main Street

Acton, MA 01720

Phone: 978-929-6640

Fax: 978-929-6333

Email: recreation@acton-ma.gov

Website: www.acton-ma.gov

Cathy Fochtman, Recreation Director

To: Steve Ledoux, Town Manager

From: Cathy Fochtman, Recreation Director

CC: Tom Tidman, Natural Resources

Date: November 3, 2016

Re: Recreation CPA Applications for BOS Consideration

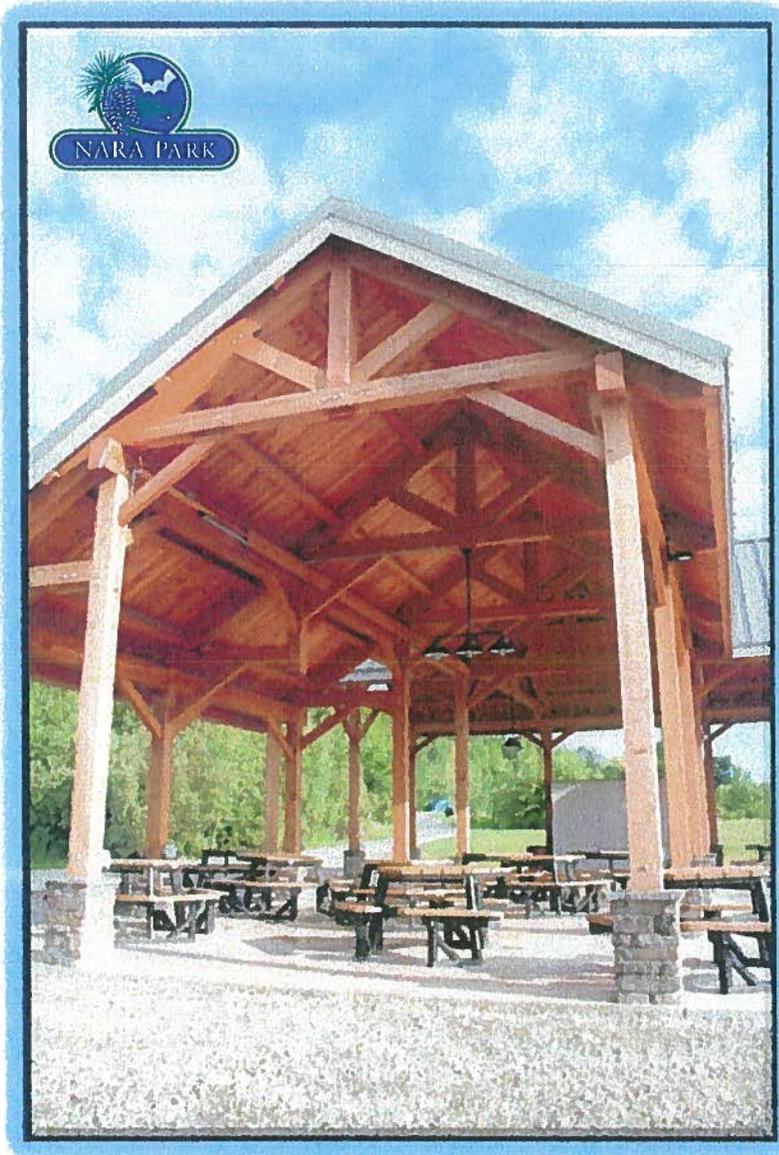
Please find two attached draft CPA applications the Recreation Department is submitting for consideration by the Board of Selectmen.

1. NARA Picnic Pavilion Restroom	\$155,000
2. NARA Parking Lot Expansion	\$160,000
TOTAL	\$315,000



2017

NARA Picnic Pavilion Restroom



DRAFT CPA Application

Town of Acton

11/3/2016

PROJECT APPLICATION FORM – 2017

Applicant: Town of Acton

Submission Date: 11/3/16

Applicant's Address, Phone Number and Email

Purpose: (Please select all that apply)

Stephen L. Ledoux, Acton Town Manager

472 Main Street

Acton, MA 01720

sledoux@acton-ma.gov

- Open Space
 Community Housing
 Historic Preservation
 Recreation

Town Committee (if applicable): Recreation Commission

Project Name: NARA Picnic Pavilion Restroom

Project Location/Address: 25 Ledge Rock Way, Acton, MA

Amount Requested: \$155,000

Project Summary:

Estimated Date for Commencement of Project: September 2017

Estimated Date for Completion of Project: July 2018

Installation of a modular 2-stall handicap accessible restroom across from the NARA Picnic Pavilion. Restrooms will be connected to the existing septic system at the Bathhouse.

The Picnic Pavilion is attracting large formal events to the park, such as weddings, reunions and company outings. Our experience to date shows that it is inconvenient for guests to use portable toilets or walk a distance to the Bathhouse bathrooms, especially in rainy weather. A basic restroom across from Picnic Pavilion would be an added amenity and convenience to offer our patrons.

If this project is not funded, Park patrons would continue to rent portable toilets for events or pay to keep the Bathhouse bathrooms open and staffed. This expanded amenity for patrons will address complaints from patrons about the lack of bathroom availability.

Modular Unit, including installation	\$110,000
Concrete Slab	\$10,000
Utilities	\$15,000
Septic Line and Connection	\$20,000
Total	\$155,000

Recreation has reviewed proposals from two companies, Romtec and CXT, and the Romtec line suits our needs. Romtec has provided standard drawings for building model 2022 with photos. Romtec buildings are pre-engineered packaged building kits that are designed to meet all state and local codes for a site-built permanent structure. Romtec offers the "Design & Supply" of the packaged buildings delivered to the site to be "Installed by Others". Ballpark estimates are below for the "Design & Supply" of the attached standard buildings.

- Model 2022 - \$45K - \$55K

INCLUDED:

DESIGN: Approved Scope of Supply & Design Submittal Documents and Sealed Plan Set (Includes foundation design and all applicable plumbing/mechanical/electrical plans to local code requirements)

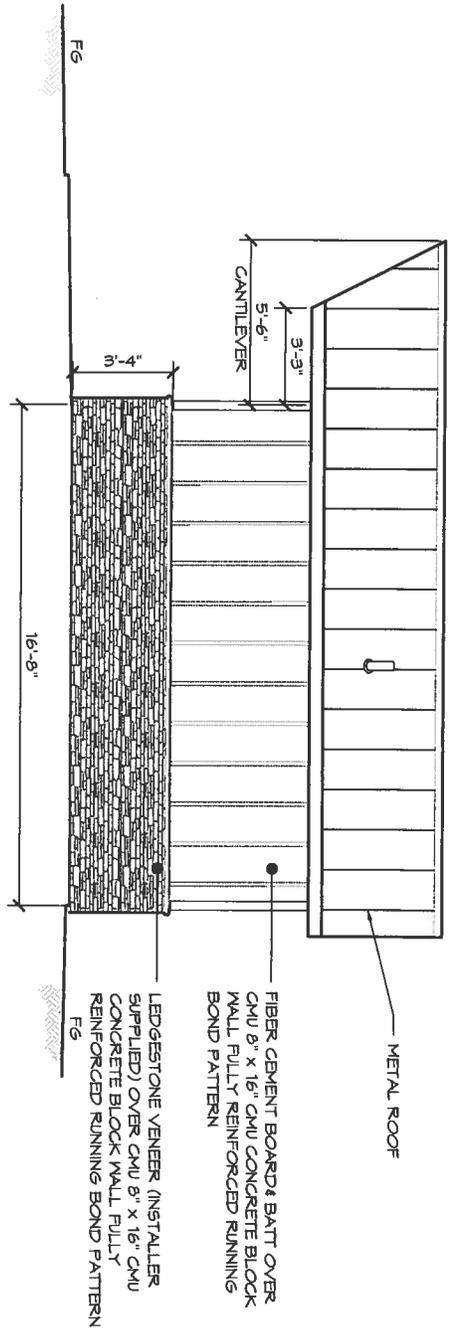
SUPPLY: All Materials/Fixtures necessary to make the unit functional

SHIPPING: To the building site in MA.

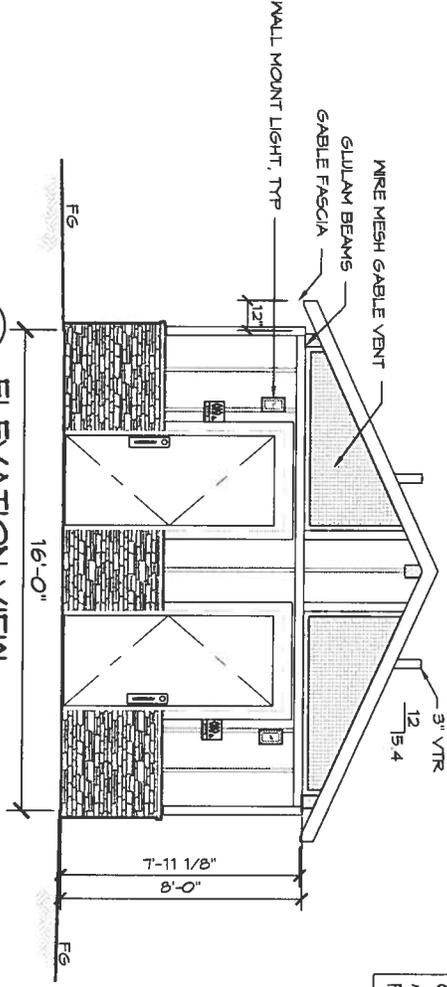
Romtec can design the restroom to match the Picnic Pavilion and any specific usage or dimensional requirements we determine.

Romtec Conventional Modular Bathroom





B
ELEVATION VIEW
SCALE: 1/4" = 1'-0"



C
ELEVATION VIEW
SCALE: 1/4" = 1'-0"

THESE PLAN VIEW AND ELEVATION DRAWINGS ARE A PRELIMINARY ARCHITECTURAL REPRESENTATION OF THE BUILDING. ALL DIMENSIONS, FEATURES AND COMPONENTS SHOWN ON THESE PRELIMINARY DRAWINGS MAY OR MAY NOT BE PART OF THE QUOTE. PLEASE REFER TO THE "SCOPE OF SUPPLY AND SERVICES" LETTER PROVIDED WITH YOUR QUOTE FOR ROMTEC'S PROPOSED SCOPE OF SUPPLY.

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PROJECT: 2024-SIERRA II PIONEER W/ 7'-6" STORAGE & GLULAM TRUSS EXT PACIFIC COMMUNITY DESIGN TROCADERO PARK RESTROOMS - CANTILEVER WILSONVILLE, OREGON	SHEET TITLE: ELEVATIONS (CMU)
MODEL NO. 527 PROJECT# 527 DATE 04/06/2016 REVISIONS DATE 06/12/2016 BY TH	SHEET NO. 2


 18240 NORTH BANK ROAD - ROSEBURG, OR 97470
 (541) 498-3541 FAX (541) 498-0003
PRELIMINARY

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Southern Ledgestone

Southern Ledgestone offers a rugged and informal appeal with its rough texture and decided irregularity. Tight-fitted or mortared, Southern Ledgestone can be used to achieve a number of unique treatments.

- Stone sizes: 1/2"–6" x 4"–20"
- 8 colors available



Bucks County



Chardonnay



Fog

We strive to accurately reproduce the images of Cultured Stone® veneer products on our website. However, actual colors may vary due to your monitor resolution, variation in natural lighting, and/or printing methods. We recommend you see a product sample or the actual products installed before making your final color selection.

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Cultured Stone®

Cultured Stone®

Dressed Fieldstone

The rugged look of Dressed Fieldstone complements any natural environment. Its rich texture and range of color enhance a multitude of architectural designs.

- Stone sizes: 2 ½"-22"
- 4 colors available



Bucks County



Chardonnay



Wolf Creek®

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Cultured Stone®

ROMTEC CEDAR LAP SIDING

The following is an example of the Romtec cedar lap siding included in the design of this building.

Specifications

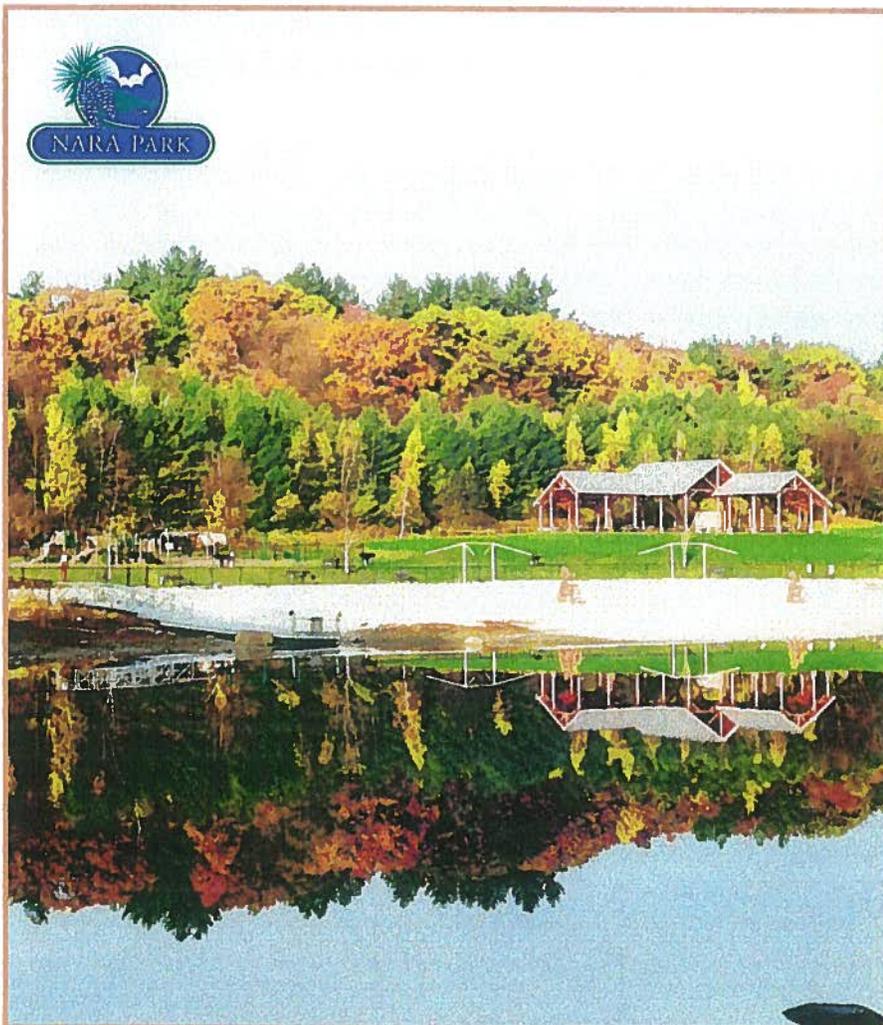
- Lap siding is Cedar.





2017

NARA Parking Lot Expansion



DRAFT CPA Application

Town of Acton

11/3/2016

PROJECT APPLICATION FORM – 2016

Applicant: Town of Acton

Submission Date: 11/3/16

Applicant's Address, Phone Number and Email

Purpose: (Please select all that apply)

Stephen L. Ledoux, Acton Town Manager

472 Main Street

Acton, MA 01720

sledoux@acton-ma.gov

Open Space

Community Housing

Historic Preservation

Recreation

Town Committee (if applicable): Recreation Commission

Project Name: NARA Parking Lot Expansion

Project Location/Address: 25 Ledge Rock Way, Acton, MA

Amount Requested: \$160,000

Project Summary:

Estimated Date for Commencement of Project: May 2017

Estimated Date for Completion of Project: June 2018

The Town of Acton seeks **\$160,000.00** to fund this NARA Park improvement project.

- Issues are Park Overuse, Public Safety and the arrival of the Bruce Freeman Rail Trail.
- Park overuse has necessitated that the Recreation Director request police patrols on the weekend to monitor overcrowding.
- The Natural Resources Department has many meetings strategizing with NARA staff about how to control the park when the visitor count was high. One solution was to assign a parking monitor to turn cars away when the parking lot was full or to inform visitors that the park was not admitting more patrons on the beach due to overcrowding, to not exceed the maximum lifeguard:patron ratio. A second solution was to remove park grill areas that were attracting many out-of-town visitors on the weekends.
- A Recreation Park Ranger has monitored park grounds over the past two years to control picnic area use by non-residents by enforcing Park Rules and monitoring parking and the beach. Police would like to see more Recreation staffing brought on to manage the public.
- Many complaints/concerns were voiced in the NARA Master Plan Survey conducted June – September 2015 about non-residents not respecting the park – littering, parking on grass, riding motorcycles on sidewalks, hopping the beach fence to avoid paying to get on the beach, etc.
- \$160,000 will be allocated to expand existing parking at the upper and lower parking lots: construct a 20-car paved parking lot on the site of the existing volleyball court at the lower lot, across from the Bathhouse; construct a 20-car paved parking lot extension along the walking trail between the existing paved upper lot and the Sport Pavilion.
- The opening of the Bruce Freeman Rail Trail in 2017 will significantly increase the number of visitors to the park. The Park must provide dedicated parking spaces for Rail Trail users. Likewise, Park staff will need the expanded parking to reserve parking spaces for picnic area rentals.

Narrative:

This application requests funding for parking expansions at the lower and upper parking lots.

NARA patrons have called and written to the Recreation Director and NARA Master Plan Survey respondents have written to complain that they are very concerned about park overuse by non-residents. We are experiencing increased difficulty controlling vehicle and visitor volume to the park during operating hours. Without tools to control parking, there will be increased resident dissatisfaction. According to Park visitor volume will grow in 2017 when an expected 1,000 users per day during summer weekends are on the Bruce Freeman Rail Trail and flow through NARA.

Parking lot expansion will aid NARA staff and Police in preventing overuse of the park more effectively. In the event this project is delayed, we will experience increased difficulty controlling vehicle access to park sites during operating hours and after hours.

Site Control:

NARA is a municipally owned property, overseen by the Natural Resources Department. See attached deed and maps.

Project Scope:

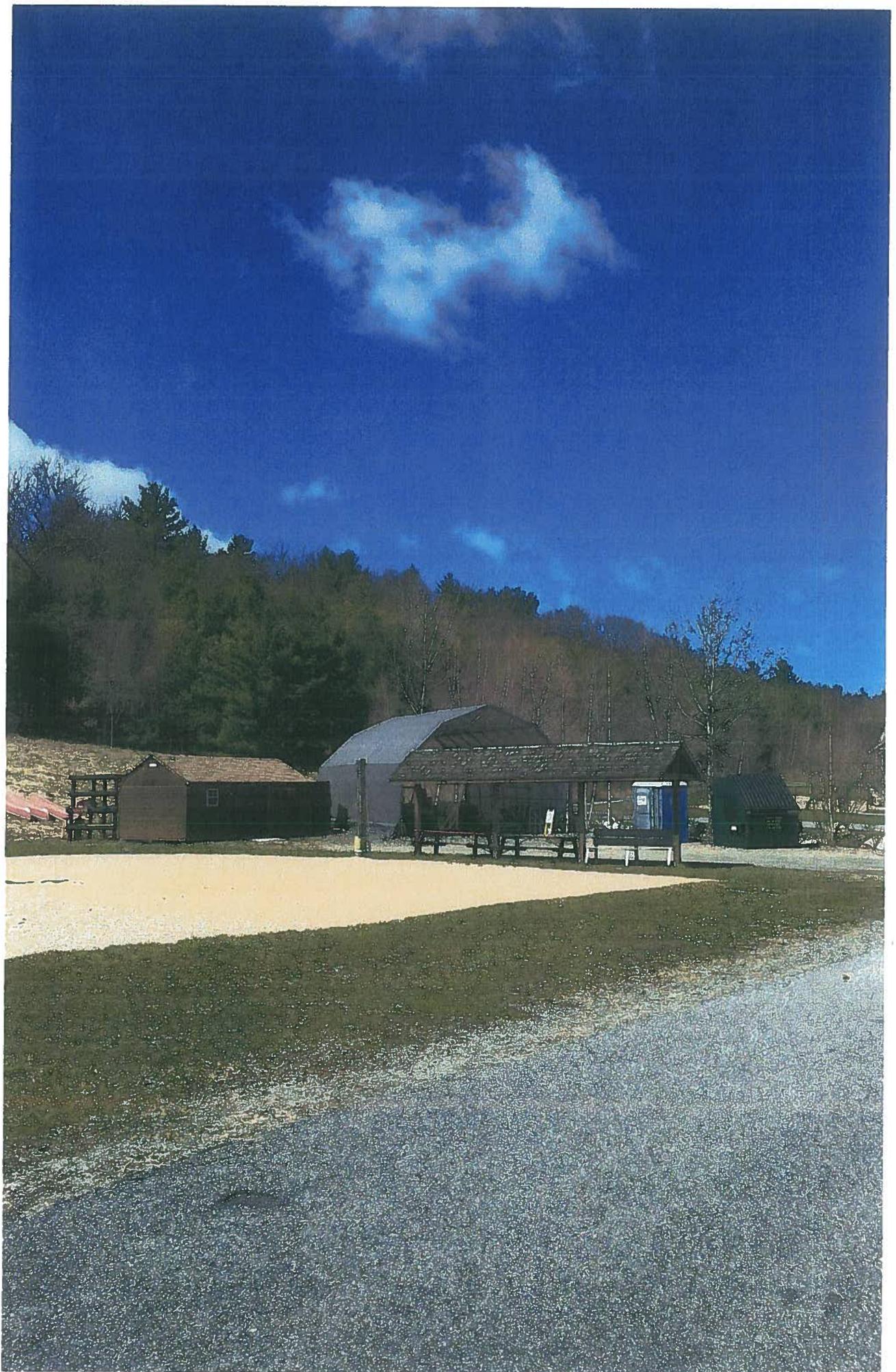
20 car spaces lower parking lot
20 car spaces upper parking lot

Estimate: ***\$4,000 per car space x 40 spaces = \$160,000***

The Town Engineering Department is mapping the sites of the proposed parking areas and will provide an updated estimate upon completion of their survey.

Neighborhood Outreach:

It is important to note that the NARA Master Plan Survey collected input from 414 respondents from June – September 2015. We received 12 unsolicited written complaints about Park overuse by non-residents. See attached Master Plan Survey Results and 12 highlighted written complaints listed under Question 17. See also email request for action to curb non-resident overuse of park by neighbors Bo and Anping Liu, 8 Monument Place, Acton and the concerns that Holly Henkel, NARA Beach member, related in a phone call to the Recreation Director, recorded in the October 6, 2015 Recreation Commission Minutes under "Citizen Concerns".







Property Information
Property ID
Location



**MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT**

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