

Harry Graff  
c/o Town Planning Office  
685 Route 134  
South Dennis, MA 0266  
April 26, 2017

The Community Preservation Committee  
Town of Dennis  
685 Route 134  
South Dennis, MA 02660

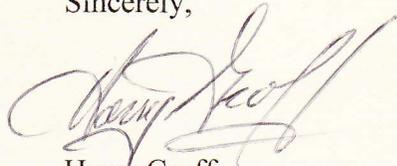
Dear Frank and Dorria;

When I literally stumbled upon the midden while fishing with my granddaughter last June, I never imagined the journey that event would set me upon.

With the help of many contributors along the way, I am enclosing this application for the funding of an archaeological research and historical preservation effort, which we hope will add a significant chapter to the history of our town.

Should your committee find this application warrants discussion, I hope that conversation could take place on July 20<sup>th</sup> or August 3<sup>rd</sup>.

Sincerely,

A handwritten signature in cursive script, appearing to read "Harry Graff".

Harry Graff  
Ava Project Coordinator

## Application for Community Preservation Act Funding 2017

### Synopsis

1. Project Title - The Ava Archaeological Reconnaissance Survey Project
2. Organization Name -Ava Archaeology Project Oversight Committee
3. Amount Requested from CPA Funds : \$99,479
4. Purpose: Historic Preservation
5. Project Sites:
  - a. Kelly's Bay Overlook Conservation Land (Parcel 171-47<sup>i</sup>)
  - b. Pareseau Conservation Land (Parcel 158-33<sup>ii</sup>)
6. Synopsis

The Ava Project is a two phase archaeological survey and intensive reconnaissance over 17 acres of Dennis Conservation land by licensed, accredited professional archaeologists.<sup>iii</sup>

- The project must begin with a land survey to determine the boundaries of the town's properties. This is particularly necessary in 101 Old Mayfair as there is a private right of way that extends the length of the parcel on the water side. The results of that survey can then be used to accurately position the known sensitive locations of high potential cited in the MHC letter.<sup>iv</sup>
- Phase 1 will include a thorough background search of Commonwealth archives including seven identified, but unsurveyed sites within the boundaries of the properties. As this involves town-owned lands, permits must be obtained from the Commonwealth. Additionally, notification of Native American groups may be required.

A thorough and systematic "Walkover" by the archaeological team will identify and categorize any artifacts found on the surface and map the specific location of any promising land formations. There will be no disturbance of the surface in this phase.<sup>v</sup>

- Phase 2 will be an Intensive Survey of the 101 Old Mayfair parcel. MHC has registered seven "ancient Native American sites" on this property..."boundaries have not been determined by professional archaeological survey."<sup>vi</sup> The archaeologists will have access to the MHC Register in their research.<sup>vii</sup>

Once the site is permitted and all required notifications are made, an Intensive Survey will be conducted. This involves a limited number of Shovel Test Pits (STP). All STPs will be restored to their original condition. As this is Conservation Land, great diligence will be observed and all work will be reviewed with Dennis Natural Resources Staff. At this stage, any necessary Conservation Commission review of test pit locations shall be sought.

- Phase 2 is an excellent opportunity to involve volunteers in the hands-on projects by teaming them with the professionals for training and guidance. Additionally,

photography and video will capture the process and activities from the beginning to create a standalone display for the education and interest of town residents and a web-based video for use in the classroom and town activities.<sup>viii</sup>

- A secure area for artifact and record storage is required by MHC. Additional public education and interest will be provided by creating a secure, climate-controlled display of found artifacts and graphics, ideally in a public building.<sup>ix</sup>
- The parcels have areas that are highly vulnerable to erosion and looting. Regarding eminent erosion, an engineering survey by a professional coastal engineer is necessary to understand the extent of the vulnerability. The MHC letter indicates that the Ava site may well be within 1-3 recorded locations mentioned in the MHC letter of February 2<sup>nd</sup>.
- This letter also describes the possible need for soft engineering solutions if active erosion is found.<sup>x</sup> All soft engineering solutions will be reviewed with the Dennis Natural Resources Staff and any required Conservation Commission approvals sought.
- Signage is required by M.G.L. c. 9, s.27C. These signs make notice that this area is protected by state law from disturbance or gathering of artifacts. Any signage will comply with Town of Dennis historic district requirements.

#### **Applicant Information:**

7. Ava Archaeology Reconnaissance and Intensive Survey Project

8. Ava Archaeology Project Oversight Committee

9. C/O Town of Dennis Planning Department

Town of Dennis, 685 Route 134, South Dennis, MA 02660

10. N/A

11. Primary: Harry Graff, Project Coordinator, C 508-326-9220, [hgraff@babson.edu](mailto:hgraff@babson.edu)

12. Secondary: Chairperson, Ava Archaeology Project Oversight Committee (TBD)

#### **Applicant Background**

12.(sic) Harry Graff has had 14 years of experience as a secondary school administrator, with direct supervision of 35 staff and over 400 students at Walpole High School.

In 1985, he moved to the private sector in training and marketing for computer technology companies for seven years, where he managed increasingly larger groups and budgets. His final corporate position included a headcount of approximately 80 professionals and an expense budget of several million dollars.

In 1993, he left the corporate environment to start his own marketing services company, providing out-sourced marketing programs to such international companies as Data General, Digital Equipment Corporation, and Sun Microsystems as well as smaller closely-held companies.

Retiring from business in 2005, Mr. Graff entered academia again as an Adjunct Professor of Marketing at Babson College. Due to a family illness, he retired from Babson in 2009.

Over the past five seasons, Mr. Graff has participated in the Taylor-Bray Farm Archaeological Project under the management of Jack Duggan.

Four years ago, he completed an eight-week online course on Archaeology, given by Dr. Susan Alcock of Brown University.<sup>xi</sup>

Two years ago, he was appointed to the Dennis Conservation Commission.

13. A Project Oversight Committee will be established. There will be five seats: The Town Planner (Dan Fortier), A member of the Dennis Historical Commission (Sarah Kruger), a member of the Cape Cod Museum of Natural History (Dennis resident), and two members at large (Dennis residents with interest or experience in archaeology).

14. None.

#### **15. Project Concept**

The CPC, in combination with other groups such as the Dennis Historical Commission and the Dennis Historical Society, have done admirable work over the years to protect and preserve culturally significant lands and buildings throughout the villages of Dennis. These buildings and grounds give residents and visitors alike a glimpse into our town's early years and provide a valuable educational experience which illustrates how our town evolved and grew to be the place we love and enjoy now.

However, there is a near vacuum in an important phase of our town's history. Specifically, there is a paucity of documentation and analysis of the story our town has to tell about its Pre-Contact years, specifically along the water's edge of the Bass River. While some attention has been paid to the Indian Lands, there is no record of any systematic, structured archaeological survey along the water's edge to the north including Kelly's Bay and Follins Pond. The Town of Dennis has the opportunity to conduct a project that will directly address that gap in history with this project.

16. **The Goal** of this project is to provide accurate, scientific, archaeological assessments of the sensitivity and vulnerability of the parcels cited.<sup>xii</sup>

The **Objectives** include:

- a. Land Survey to establish the precise boundaries of the sensitive areas and the location of any findings.<sup>xiii</sup>
- b. Research of the pertinent local and Commonwealth archives<sup>xiv</sup>

- c. Obtain required federal, state and local permits as needed.
- d. Notify any Native American groups as needed.
- e. Use Best Practices as described by the Archaeological Society throughout the project – Phase One and Phase Two.
- f. Encourage public participation and education with participation, displays, and video.<sup>xv</sup>
- g. Clean and categorize any artifacts discovered.
- h. Provide safe and secure storage for such artifacts as well as records and reports.<sup>xvi</sup>
- i. Provide periodic reports to the Project Oversight Committee.
- j. As required, provide for emergency erosion mitigation using the methodologies recommended by the Dennis Conservation Commission, Barnstable County Extension personnel and the Commonwealth’s Coastal Zone Management policies.<sup>xvii</sup>
- k. Return properties to their original condition or better. and all work will be reviewed with Dennis Natural Resources Staff. At this stage, any necessary Conservation Commission review of test pit locations shall be sought.

## 17. Legal Issues

This project will take place on Dennis Conservation Land, often within the boundaries set by town and state regulations. Much of the land is within the 100 wetlands buffer and the 50 foot wetlands buffer as well as some areas in what may be a coastal bank.

Great care must be taken to assure the project is permitted and strict guidelines observed when any disturbance within those boundaries is made. All potential site disturbances will be reviewed with the Dennis Natural Resources Staff and any necessary permitting by the Dennis Conservation Commission will be sought.

Secondly, it is probable that Native American artifacts will be found so appropriate notification and communication with local Native American groups must be observed as required.

Thirdly, the Massachusetts Historical Commission (MHC) has the ultimate responsibility for archaeology on public lands. That office has been informed and has been helpful to date. A good working relationship among the project, the Town of Dennis and the MHC must and will be maintained.

Finally, seven sites within the boundaries of one of the Conservation lands have been recorded with the MHC. The State Historic Preservation Officer strongly recommends that these sites be posted re: M. G. L., C. 9, s. 27C.<sup>xviii</sup>

18. Project Accomplishes the Goals and Objectives of the CPC

In an effort to facilitate your review of the Ava Project, I inserted End-Notes in the above Paragraph 16 and throughout the application. Each of these end-notes connects one or more specific CPC Criteria and The Dennis Comprehensive Plan, Section 6 – Heritage Preservation/ Community Character to the Goal and Objectives of the project.

19. The relevancy of this project to current and future needs of Dennis.

We have justifiable pride in the history of Dennis and the town has made a remarkable effort to protect and preserve its historical aspect. It continues to be a long and protracted struggle to balance our history with accommodation of the growth and development.

There is, however, one area that can still make an enormous contribution to both Dennis's Pre-Contact and Colonial records. The Bass River, above the Route 6 Bridge, is a part of town whose shores draw our attention for its natural resources and its scenic beauty. Anecdotal and incidental evidence hints that this was always the case. However, the actual historical evidence is largely a blank slate, especially in the Pre-Contact Period. That important chapter of the history of South Dennis remains to be written.

As the town in general and South Dennis in particular continues into the future, this special piece of our history must be captured. Ernie and Mabel Pareseau had the foresight to donate the 101 Mayfair parcel to the Town. As their neighbor, I know how much love they had for this piece of the river bank. Their foresight has preserved it for us now and in the future as a Conservation land. However, it well may add a value to the town that was unforeseen. It can fill in a missing chapter about Pre-Contact and Colonial life in this part of the river and the South Dennis village.

Nonetheless, the Cape is a naturally evolving geography. Over the recent years, rising sea level, the prevailing wind pattern, and the dynamics of the river have pushed the ebb and flow of tide tight against large sections of the banks. When the railroad bridge is removed, the level of the river will be unaffected. However, the velocity of the currents through the narrowest parts of the river north of the bridge is likely to increase. There is a good possibility that the erosion on the open banks may increase.

Additionally, the wakes of passing motor boats create an hydraulic effect exacerbating the erosion.

Seven recorded ancient Native American sites have been inventoried in this parcel, although the MHC does not know the specific locations<sup>xix</sup>. There is a very strong possibility that one or more sites is in eminent danger of being lost forever.

Town of Dennis will add a significant chapter to the understanding of its Pre-Contact history. With the completion of this project, a visual display in a public building, ideally the Town Hall, will educate and inform all who enter. Additionally, public presentations and a web-based video will be provide out-reach to all residents, regardless of age.

## 20. Dennis Local Comprehensive Plan.

The Ava Archaeological Project addresses seven specific elements of the Town of Dennis Comprehensive Plan (DCP). Throughout this document, there are individual End-Notes which link that particular point of the Ava proposal to one or more elements of the DCP.

In summary, these are:

- Ava Plan page 3, 9 - Dennis Comprehensive Plan, Section 6, Inventory, B – Significant Historic Archaeological Resources, p. 326
- Ava Plan Page 5, - Dennis Comprehensive Plan, Section 6, D – Strategies to Protect Identified Resources, Resources, p. 330
- Ava Plan Page2 - Dennis Comprehensive Plan, Section 6, Implementation 22, p. 338
- Ava Plan Page 1 - Dennis Comprehensive Plan, Section 6, D, Implementation 2, p. 334
- Ava Plan Page 3 - Dennis Comprehensive Plan Section 6, D Strategies to Protect Identified Resources – Archaeological Resources, p. 330
- Ava Plan Page 1 - Dennis Comprehensive Plan, Section 6, D Implementation 11, p. 336
- Ava Plan Page 2 - Dennis Comprehensive Plan, Section 6, D Goals and Standards, Implementation 2, p. 334 and 7, P. 335

21. Total CPA Funding Request \$99,479

22. Financial Plan - Please see attachment with detailed financials

23. Evidence of Interest from Lenders - N/A

24. Funding Sources

- Dennis CPC
- MHC reimbursement

Dan Fortier, Town Planner, filed the Massachusetts Historical Society Pre-Application on November 14 of 2016. This is the first step in obtaining a reimbursement from the Commonwealth for up to fifty percent of project expenses.<sup>xx</sup>

We did not get this year's funding, in part due to the timing cycle of the local funds. If this local funding is in place, we will seek to match it in next year's funding cycle

Upon CPC approval and the Town Meeting appropriation of the funds, the Ava Project will submit the full application and the Town Accountant will make reimbursement requests as funds are expended. This path has been discussed with Mary Anne Gibbs, the Dennis Town Accountant.

“The Massachusetts Historical Commission Survey and Planning Grant Program is a federally funded, reimbursable, 50/50 matching grant program to support historic preservation planning activities in communities throughout the state. For Fiscal Year 2017 eligible applicants for Survey and Planning Grants include all local historical commissions, local historic district commissions, planning

offices, and other eligible public and non-profit historic preservation organizations. <sup>xxxi</sup>

#### Grant-Eligible Activities

“As the State Historic Preservation Office, the Massachusetts Historical Commission is responsible for administering the National Historic Preservation Act of 1966, as amended. The Act authorizes the Secretary of the Interior, through the National Park Service and State Historic Preservation Offices, to grant funds to communities and private non-profit organizations for a wide range of preservation-related activities. These include:

- Completion of **cultural resource inventories**;
- Nomination of significant properties to the **National Register of Historic Places**;
- Completion of community-wide **preservation plans**; and
- Other types of **studies, reports, publications and projects** that relate to the identification and protection of significant historic properties and sites.

The goal of the Survey and Planning Grant program is to support efforts to identify and plan for the protection of the significant historic buildings, structures, archaeological sites and landscapes of the Commonwealth. <sup>xxii</sup>

- Donations

Donations were discussed with Mary Anne Gibbs, Town Accountant. At this point, there have been three donations in kind of engineering and erosion mitigation materials and services. There is no plan to create a Chapter 501-3-c to accept donations.

With significant findings from the Ava Project, non-profits with concomitant goals will be contacted as an avenue through which the project may accept funds. One source may be a Crowd-Sourcing. <sup>xxiii</sup>

“While features differ from site to site, at their most basic crowd-funding sites are websites that allow your non-profit to set up an online fundraising campaign based around a fundraising page, and accept money directly from that page using the website’s own credit card processor.”<sup>xxiv</sup>

Ideally, Crowd-Sourcing will allow other non-profits to assist without diversion from their primary missions.

25. Community Housing -N/A

26. Letters of Support - Attached

- a. Board of Selectmen
- b. Dennis Historical Commission
- c. Dennis Conservation Commission
- d. Dennis Planning Department

27. Personal Reference - Attached

James R. Wilson, Atty.

28. Other relevant materials - N/A

29. Federal Tax Form 990 -N/A

30. Certificate of Non-Collusion - Attached

## End Notes

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- <sup>i</sup> Town of Dennis Tax Card 8878
- <sup>ii</sup> Town of Dennis Tax Card 8528
- <sup>iii</sup> Dennis Comprehensive Plan, Section 6, D, Implementation 2, p. 334
- <sup>iv</sup> Letter from B. Simon to D. Rochelle, dtd February 2, 2017.
- <sup>v</sup> Dennis Comprehensive Plan Section 6, D Strategies to Protect Identified Resources – Archaeological Resources, p. 330
- <sup>vi</sup> Letter from B. Simon to D. Rochelle, dtd February 2, 2017
- <sup>vii</sup> Dennis Comprehensive Plan, Section 6, D Implementation 11, p. 336
- <sup>viii</sup> Dennis Comprehensive Plan, Section 6, D Goals and Standards, Implementation 2, p. 334 and 7, P. 335
- <sup>ix</sup> CPC Project Specific Criteria, Historical, items 5, 6, 10
- <sup>x</sup> Letter from B. Simon to D. Rochelle, dtd February 2, 2017
- <sup>xi</sup> Archaeology Course, [http://www.eclass.cc/courses/coursea\\_secrets\\_archaeology\\_s\\_dirty\\_little\\_secrets](http://www.eclass.cc/courses/coursea_secrets_archaeology_s_dirty_little_secrets)
- <sup>xii</sup> CPC Application Criteria, Project Specific Criteria, Historical, Items 1,2,3,4,5,6,7 Open Space, 5, 6, 8
- <sup>xiii</sup> Dennis Comprehensive Plan, Section 6, Inventory, B – Significant Historic Archaeological Resources, p. 326
- <sup>xiv</sup> Dennis Comprehensive Plan, Section 6, D – Strategies to Protect Identified Resources, Archaeological Resources, p. 330
- <sup>xv</sup> CPC Application Criteria, Recreation, Items 3, 4, 5
- <sup>xvi</sup> CPC General Criteria, Items 5, 6, 11, 12
- <sup>xvii</sup> CPC Application Criteria, General Criteria, Item 4
- <sup>xviii</sup> Letter from B. Simon to D. Rochelle, dtd February 2, 2017
- <sup>xix</sup> Letter from B. Simon to D. Rochelle, dtd February 2, 2017
- <sup>xx</sup> MHC Letter of Intent, November 14, 2016
- <sup>xxi</sup> <http://www.sec.state.ma.us/mhc/mhchpp/Surveyandplanning.htm>
- <sup>xxii</sup> <http://www.sec.state.ma.us/mhc/mhchpp/Surveyandplanning.htm>
- <sup>xxiii</sup> <http://www.thefundraisingauthority.com/internet-fundraising/crowd-funding-your-non-profit/>
- <sup>xxiv</sup> <http://www.thefundraisingauthority.com/internet-fundraising/crowd-funding-your-non-profit/>

## Attachments

## Plot Cards

Key: 8878

Town of DENNIS - Fiscal Year 2017

12/5/2016 5:20 pm SEQ #: 9,346

LEGAL

CURRENT OWNER				PARCEL ID				LOCATION			
TOWN OF DENNIS CONSERVATION COMMISSION P O BOX 2060 SOUTH DENNIS, MA 02660				171-47-0				87 MAYFAIR ROAD SD			
TRANSFER HISTORY				DOS	T	SALE PRICE	BK-PG (Cert)				
TOWN OF DENNIS				06/15/1979	X		2935-197				

CLASS	CLASS%	DESCRIPTION			BN ID	BN	CARD
9320	100	VAC.CONSERVATION					1 of 1
PMT NO	PMT DT	TY	DESC	AMOUNT	INSP	BY	1st %

LAND

CD	T	AC/SF/UN	Nbhd	FEMA	Infl1	ADJ BASE	SAF	Infl2	Lpi	VC	CREDIT AMT	ADJ VALUE
100	A	0.918 14	1.00 R	1.00 1	1.00	46,922	1.00	UB	0.08 W04	3.15		43,070
300	A	6.482 14	1.00 R	1.00 1	1.00	3,704	0.89	UB	0.08 W04	3.15		21,430

TOTAL	7.400 Acres	ZONING	FRNT	0	ASSESSED	CURRENT	PREVIOUS
Nbhd	FOLL. POND	N OLD KINGS HISTORIC DISTRICT O PLANS 233/113, 247/78			LAND	64,500	73,700
FEMA	OLD PK CODE	T			BUILDING	0	0
Infl1	AVERAGE	E			DETACHED	0	0
					OTHER	0	0
					TOTAL	64,500	73,700

DETACHED

TY	QUAL	COND	DIM/NOTE	YB	UNITS	ADJ PRICE	RCNLD	PHOTO

BUILDING

BUILDING	CD	ADJ	DESC	MEASURE
MODEL				LIST
STYLE				REVIEW
QUALITY				
FRAME				

YEAR BLT	SIZE ADJ	ELEMENT	CD	DESCRIPTION	ADJ	S	BAT	T	DESCRIPTION	UNITS	YB	ADJ PRICE	RCN
NET AREA	DETAIL ADJ												
\$NLA(RCN)	OVERALL												
CAPACITY	UNITS	ADJ											

TOTAL RCN	CONDITION ELEM	CD
EFF.YR/AGE		
COND		
FUNC		
ECON		
DEPR	% GD	
RCNLD		

Key: 8528

Town of DENNIS - Fiscal Year 2017

12/5/2016 5:20 pm SEQ #: 9,005

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CURRENT OWNER				PARCEL ID				LOCATION				CLASS	CLASS%	DESCRIPTION			BN ID	BN	CARD
TOWN OF DENNIS CONSERVATION COMMISSION P O BOX 2060 SOUTH DENNIS, MA 02660				158-33-0				101 OLD MAYFAIR ROAD SD				9320	100	VAC.CONSERVATION					1 of 1
TRANSFER HISTORY				DOS		T	SALE PRICE		BK-PG (Cert)		PMT NO	PMT DT	TY	DESC	AMOUNT	INSP	BY	1st	%
TOWN OF DENNIS				08/31/1970		X			1483-133			11/10/2009	77	CYCLICAL REV		11/10/2009	HD	0	0

CD	T	AC/SF/UN	Nbhd	FEMA	Inf1	ADJ BASE	SAF	Inf2	Lpi	VC	CREDIT AMT	ADJ VALUE							
100	A	0.918	14	1.00	AE	1.00	1	1.00	58,653	1.00	2	0.10	W04	3.15					53,840
300	A	9.082	14	1.00	AE	1.00	1	1.00	4,631	0.88	2	0.10	W04	3.15					37,100

TOTAL	10.000 Acres	ZONING	FRNT	0	ASSESSED	CURRENT	PREVIOUS
Nbhd	FOLL. POND	N	OLD KINGS HISTORIC DISTRICT PLAN 37/101		LAND	90,900	103,900
FEMA	ACCEL ZONE	O	LOC=BAY		BUILDING	0	0
Inf1	AVERAGE	T			DETACHED	0	0
		E			OTHER	0	0
					TOTAL	90,900	103,900

TY	QUAL	COND	DIM/NOTE	YB	UNITS	ADJ PRICE	RCNLD	PHOTO

BUILDING	CD	ADJ	DESC	MEASURE			BLDG COMMENTS
MODEL				LIST			
STYLE				REVIEW			
QUALITY							
FRAME							

YEAR BLT	NET AREA	\$NLA(RCN)	SIZE ADJ	DETAIL ADJ	OVERALL	ELEMENT	CD	DESCRIPTION	ADJ	S	BAT	T	DESCRIPTION	UNITS	YB	ADJ PRICE	RCN

TOTAL RCN	
CONDITION ELEM	CD
EFF.YR/AGE	
COND	
FUNC	
ECON	
DEPR	% GD
RCNLD	

## Financials / Timeline

### Ava Project Cost Summary

Surveying Services	\$6,000
Archaeology Services	32,159
Signs and Education	4,870
Display Case	700
Administrative Supplies	750
Erosion Mitigation	55,000
<b>Grand Total</b>	<b>\$ 99,479</b>

**Ava Archaeology Project: Land Survey Services Estimate**

7-Apr-17

All costs are estimates by a professional engineer who knows the area well.  
Actual costs may vary.

<b>Field Survey of Parcel 158-33</b>	<b>\$3,000</b>
Baseline land survey to locate boundaries	
Post-project survey to locate any sites	
<b>Field Survey of Parcel 171-47</b>	<b>3,000</b>
Baseline land survey to locate boundaries	
Post-project survey to locate any sites	
Contingencies	600
<b>Total Land Survey</b>	<b>6,000</b>

**Ava Archaeology Project: Archeological Services**

April 5, 20017

RFI: 6 were sent out. 4 responded.

**Archaeology Services**

<b>Phase One</b>	Hours	
Task 1 Background Research		24
Task 2 Permits		3
Task 3 Native American Notification		2
Task 4 Walkover		80
Task 5 ID artifacts/Ground Formations		29
Task 6 Report Preparation		44
Total Hours (Blended)		182
Hourly Rate (Blended)		\$30
Subtotal		\$5,442
Overhead (25%)		\$1,361
Phase One Subtotal		<u>\$6,803</u>
<b>Phase Two</b>	Hours	
Task 1 Shovel Test Pits		299
Task 2 Artifact Processing		150
Task 3 MHC Permit		2
Task 4 Native American Coordination		4
Task 5 ID Training volunteers		16
Task 6 Report Generation /Presentation		112
Task 7 Public Participation		20
Total Hours (Blended)		603
Hourly Rate (Blended)		\$24
Subtotal		\$14,685
Overhead (25%)		\$3,671
Phase Two Subtotal		<u>\$18,356</u>
Phase 1 and 2 Services Subtotal		<u>\$25,159</u>
<b>Direct Travel Costs</b>		
4 rooms/4 nights /\$175		\$2,800
Per Diem \$40/person/day		\$1,200
Travel Costs Subtotal		<u>\$4,000</u>
Total Phase 1 and 2 Archaeological Services TOTAL		\$29,159
Contingencies		<u>\$3,000</u>
<b>Arch. Services Phase 1 + 2 TOTAL</b>		<b><u>\$32,159</u></b>

**Ava Archaeology Project: Signs & Education**

5-Apr-17

**MHC Required Signage**

Ten Signs	Materials	\$800
	Graphics Layout	\$500
	Labor @ 10 hours	\$130
	Subtotal	\$1,430
	Contingencies	\$500
	<b>Signage Total</b>	<b><u>\$1,930</u></b>

**Education Video**

	Days	Rate	
Photo/Videographer	5	\$250	\$1,250
Editing	2	\$750	\$1,500
Production	2	\$250	\$500
Contingencies			\$600
Video Services Subtotal			<u>\$3,850</u>
Travel			
1 room/3 nights @ \$175			\$525
Per diem @\$40			\$120
Mileage @ \$0.50			\$375
Travel Total			<u>\$1,020</u>
<b>Education Video Total</b>			<b><u>\$4,870</u></b>

**Ava Archaeology Project: Display Case & Admin Supplies**

5-Apr-17

## Display Case

48" retail display case, lockable storage, LED lights	\$540
Shipping	\$100
Sub-Total	<u>\$640</u>

## Electrical Services

Rate	\$30	\$60
Hrs	2	

**Display Case Total** **\$700****Administrative Office Supplies** **\$750**

**Ava Project: Erosion Mitigation Estimate**

8-Apr-17

All costs are estimates by a professional engineer who knows the area well.  
Actual expenses may vary.

Engineering Plan	\$ 10,000
Permitting	5,000
Materials	15,000
Installation Services	<u>25,000</u>
<b>Erosion Control</b>	<b>\$ 55,000</b>

## Ava Archaeology Project Timeline

<u>Duration</u>	<u>Date</u>	<u>Date</u>
<u>Person/Hrs</u>	<u>Begin</u>	<u>Comp</u>

**Dependencies:**

Approval By CPC

Endorsement by Finance Comm.

Appropriation by Town Meeting

**Project Tasks**

Land Survey

Base Survey Parcel 158-33	12
Base Survey Parcel 171-47	24
Post Survey Parcel 158-33	12
Post Survey Parcel 171-47	12

Archaeological Services

Phase One

Task 1 Background Research	24
Task 2 MHC and other permits	3
Task 3 Native American Notification	2
Task 4 Walkover Both Parcels	80
Task 5 Clean/ID/Map Artifacts/ Ground Formations	29
Task 6 Report Preparation	44

Phase Two

Task 1 Shovel Test Pits	299
Task 2 Artifact Processing	150
Task 3 MHC and other Permits	2

	Task 4 Native American Coordination	4
	Task 5 Training Volunteers	16
	Task 6 Report generation and Presentations	112
	Task 7 Public Participation	20
Signage		
	Order	1
	Install	2
Documentation		
	Photographer/Videographer	40
	Video Editing	16
	Production	16
Display Case		
	Order	1
	Installation	2
Emergency Erosion Mitigation		
	Engineering Plan	24
	Permitting	24
	Purchase Materials	As required by plan
	Installation services	As required by plan

## References



Town of Dennis

P.O. Box 2060 • South Dennis, MA 02660-1614 / Telephone: 508-394-8300 • Fax 508-394-8309

October 26, 2016

Harry Graff  
20 Pinedale Road  
South Dennis, MA 02660

Re: Archaeological Survey on Town Conservation Land

Dear Mr. Graff,

On Tuesday, October 25, 2016, the Dennis Board of Selectmen met during their regular meeting and voted to support the Archaeological Survey on Town Conservation Land. The Board enthusiastically supports and encourages any future grant application for this project.

Sincerely,

Elizabeth Sullivan  
Interim Town Administrator

cc: Conservation Commission  
Community Preservation Committee  
Town Planner  
Dennis Historic Commission





DENNIS HISTORICAL COMMISSION

P. O. Box 2060, South Dennis, MA 02660

April 3, 2017

Memo to Dennis Community Preservation Committee

Re: CPC application by Dennis Planning Department for Ava Site Reconnaissance Survey Grant

The Dennis Historical Commission enthusiastically supports the above grant application. We have submitted our recommendation and support for this reconnaissance survey to the Massachusetts Historical Commission.

The combination of upland/shore area of @ 17 acres includes or is adjacent to multiple noted Native American sites, however these sites have never been recorded by professional archaeological survey. There is also a potential for discovery of colonial archeological deposits and features. Kelly's Bay and Great Bass Pond (now known as Follins Pond) was home to over a dozen "first comers" or settlers of Yarmouth (now Dennis). This is a terrific opportunity to increase documented knowledge regarding local Native American and colonial history.

A survey done by a qualified archaeological consulting firm would curate records, allow for appropriate preservation of specimens and assist in developing a cultural preservation management policy for the area. This would represent the first comprehensive reconnaissance survey done along upper Bass River, north of Route 6, as other surveys in Dennis have been at specific sites, mostly for approval of utility easements.

Sincerely,

Diane Rochelle  
Dennis Historical Commission Chair



*Town of Dennis*  
*Natural Resources Department*

George Macdonald, Chairman  
Dennis Conservation Commission

Tel: (508) 760-6123

4/10/17

*Frank Danna*

Dear Co-Chairs Dahlstrom and DiManno,

On behalf of the Dennis Conservation Commission, I enthusiastically support the application for funding for the Ava Site Reconnaissance project. This project will result in a survey by qualified archaeologists.

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The Commonwealth has recorded seven sites of interest on these parcels which have yet to be systematically surveyed.

One of our goals as a Conservation Commission is to provide recreational opportunities to our residents. Commissioner Harry Graff has scoped the work to be done; these opportunities will be two-fold. First, volunteers from Dennis will be participating throughout the project. These volunteers will be trained and supervised by the managing team for archaeologists. The volunteers will raise awareness of both the history of the town and the value that Conservation properties provide beyond the common perception.

Secondly, exhibition opportunities and appropriately secured display spaces will be part of the project. These exhibitions will also educate the residents on the need to protect the valuable land assets that the Town enjoys.

Third, Commissioner Graff has maintained from the very first discussions that this project must meet the Best Practice standards of the regulations and science behind the archaeology. Most importantly from the Conservation Commission's viewpoint, the use of professionally-trained and managed archaeologists will ensure that the town's land will be returned to its current state or better once the project is completed.

I sincerely hope that your committee looks favorably on this project.

*George Macdonald*

George Macdonald

Chairman, Dennis Conservation Commission



## MEMORANDUM

TO: Community Preservation Committee

FROM: Daniel J. Fortier, Town Planner *DJF*

DATE: 4/12/2017

SUBJECT: Ava Site Reconnaissance Survey Grant

On behalf of the Dennis Planning Department, I enthusiastically support the application for funding for the Ava Site Reconnaissance project. This project will result in a survey by qualified archaeologists of a site that may have tremendous historic value to the Town of Dennis.

Archaeologists have the ability to examine archived Commonwealth materials which are unavailable otherwise. These documents and reports will provide valuable supplements to town and county records both now and in future endeavors. The Commonwealth has recorded seven sites of interest on these parcels which have yet to be surveyed.

An archaeological survey on these town properties will add to our historical knowledge of a portion of the town that quite scant. Currently, we have few documents about the original Dennis settlers in this area and nearly nothing about the Pre-Contact era other than anecdotal evidence.

This effort will be the first comprehensive effort done above Route 6 by professionals along this important waterway. The knowledge gained for the Town will be invaluable for future planning.

James R. Wilson  
Attorney and Counsellor at Law  
Centerville, Massachusetts 02632

380 Huckin's Neck Road

Telephone (508) 744-7586

April 6, 2017

Re: Reference for Harry Graff

To whom it may concern:

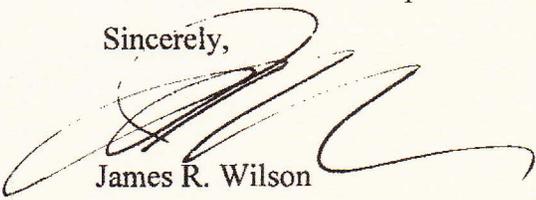
I have known Harry since our college days and we have stayed in close contact over the decades. Harry has told me about the archaeological project that he is developing in Dennis and I am glad to provide your committee with this recommendation.

He has a firm grasp on right and wrong. We have shared life and work experiences that involved the whole spectrum that one can imagine over fifty years or so. Harry has always displayed the highest ethical and moral behavior in both the large and small situations.

Harry has also shown the ability to work with all manner of folks. As an athlete, a police officer, a teacher, a businessman, and now a town volunteer; his ability to involve a diverse group of people toward a common goal has been remarkable.

I am certain that he will prove to be a great asset for your project.

Sincerely,



James R. Wilson

# Non-Collusion Form

**CERTIFICATE OF NON-COLLUSION**

*The undersigned certifies under penalties of perjury that this proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.*

Chief Executive Officer(s):

HARRY CRAFF  
Name (print)

\_\_\_\_\_  
Name (print)

Harry Craff  
Signature

Proj Council  
Title

April 06, 2017  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date