

APPENDIX A

AGENCY CORRESPONDENCE



DEPARTMENT OF THE ARMY

HEADQUARTERS, FORT DETRICK
810 SCHREIDER STREET
FORT DETRICK, MD 21702-5000

REPLY TO
ATTENTION OF

March 31, 2004

Environmental Management Office

Mr. John P. Wolflin
Field Supervisor
U.S. Fish and Wildlife Service
Chesapeake Bay Field Office
177 Admiral Cochran Drive
Annapolis, Maryland 21401

Dear Mr. Wolflin:

The U.S. Army is preparing an Environmental Assessment (EA), in compliance with the National Environmental Policy Act (NEPA), to determine the potential effects on environmental resources associated with the construction and operation of the six following proposed projects on Area B at Fort Detrick, Maryland:

- 18-Hole Golf Course,
- Indoor Shooting Range,
- Paintball Field,
- Recreational Vehicle (RV) Park,
- Relocation of seven antenna towers from Area A to Area B, and
- Area B Perimeter Fence.

Fort Detrick is situated immediately to the northwest of the City of Frederick, in Frederick County, Maryland and comprises 1,143 acres, as shown in Figure 1 enclosed with this letter. Fort Detrick is considering the use of approximately 150 acres of Area B for these facilities. Additionally, the implementation of the six proposed projects would require the modification of the recently completed 2003 Installation Master Plan for Fort Detrick. The attached map (Figure 2) delineates the locations of the six proposed projects.

In an effort to meet long-term mission and personnel requirements, the Department of Army (DA) has developed a Morale, Welfare, and Recreation (MWR) program. This program, designated by Army Regulation 215-1, was designed to attract and retain an elite work force of active duty personnel. A key element in the MWR program is improving quality of life for military members and authorized patrons who work and reside at various Army installations. The program is designed to meet the needs of the installation community, which includes soldiers, units, retirees, civilian employees, and their families. In an effort to increase and improve community services at Fort Detrick, the four recreational facilities (i.e., 18-hole golf course, indoor shooting range, paintball field, and RV park) are being proposed. None of the four recreational facilities being proposed currently exist at Fort Detrick. The indoor shooting range would also be utilized by soldiers, police, and guards to practice marksmanship proficiency and complete annual small arms recertification requirements, as

required under AR-190-14 – *Carrying of Firearms and Use of Force for Law Enforcement and Security Duties*. This regulation states, “Military police, DA civilian investigators, DA civilian police and security guards, and contracted or contractor security forces will qualify annually.”

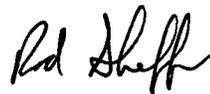
The U.S. Military Affiliate Radio System (MARS) operates nine antennas at Fort Detrick. Presently, all nine antennas are located on Area A at Fort Detrick and two are located in Area B. Of the nine antennas located on Area A, seven will be relocated to Area B. The MARS program consists of licensed amateur radio operators who are interested in military communications on a local, national, and international basis as an adjunct to normal communications. MARS is an official Department of Defense (DoD) and DA sponsored communications system with a mission to provide emergency communications on a local, national, and international basis as an adjunct to normal communications. Also, MARS provides a free radiogram public service, intended to boost the morale of soldiers, airmen, sailors, and other authorized users worldwide. This service is available for messages going to or coming from U.S. Military, Department of State (DOS), and DoD personnel and their dependents.

In accordance with AR 190-11, Physical Security of Arms, Ammunition, and Explosives, 12 February 1998, and AR 525-13, Antiterrorism, 4 January 2002, installations are required to take measures to protect the installation’s facilities and personnel. To meet this requirement Fort Detrick is proposing to replace the existing four foot farm fence that currently surrounds Area B with an eight foot high chain-link fence with barbed wire above.

In accordance with NEPA, the Endangered Species Act, and the Fish and Wildlife Coordination Act, an evaluation of the potential impacts (both positive and negative) associated with implementing this action is required. We are requesting your further input concerning this action with regard to any biological concerns such as fish and wildlife habitat, threatened and endangered species, or other species under your cognizance.

To assist us in our evaluation of the project please submit any comments or concerns you may have about the project by April 28, 2004. Please address all comments to: Mr. Rod Sheffer, USAG, 1500 Porter Street, MCHD-SIE, Fort Detrick, MD 21702-5000. Your comments/concerns will be addressed in the Environmental Assessment that will be available for public comment. Your prompt consideration and response is greatly appreciated. If you need additional information please call me at (301) 619-3152. Thank you for your cooperation.

Sincerely,



Robert P. Craig, P.E.
Chief, Environmental Management Office

- 2 Encls
1. Figure 1
2. Figure 2

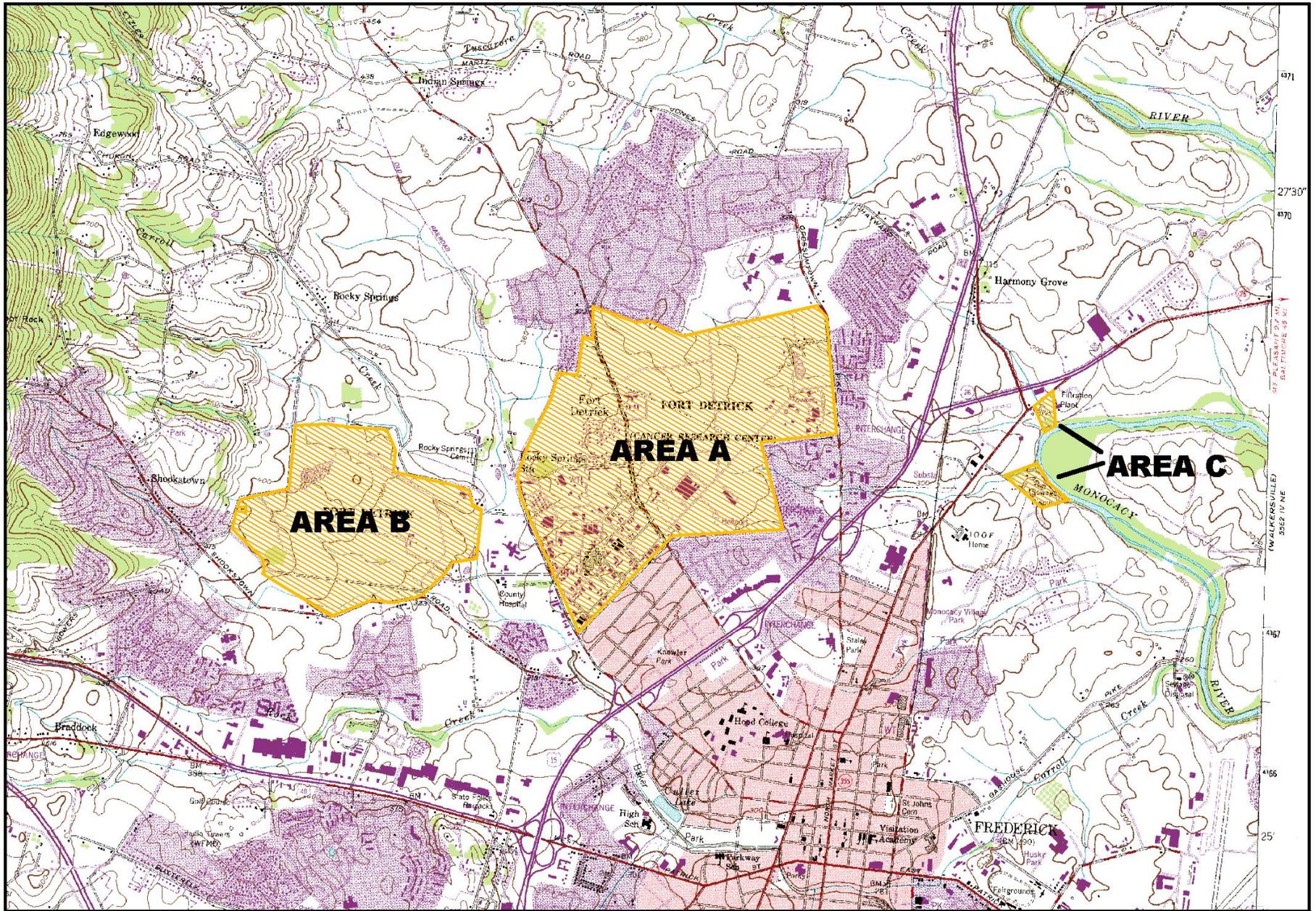
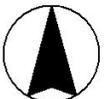


Figure 1 - USGS 7.5 Minute Quadrangle Map

Environmental Assessment
 USAG - Fort Detrick, Maryland

2000 0 2000 4000 6000 Feet

0.5 0 0.5 1 Miles



Source: USGS, Frederick, MD, No. 39077-D4

LEGEND

Proposed Projects for Area B

-  18-Hole Golf Course
-  Antenna Farm
-  Indoor Shooting Range
-  Perimeter Fence
-  Primary Paintball Field
-  Recreational Vehicle Park
-  Temporary Paintball Field

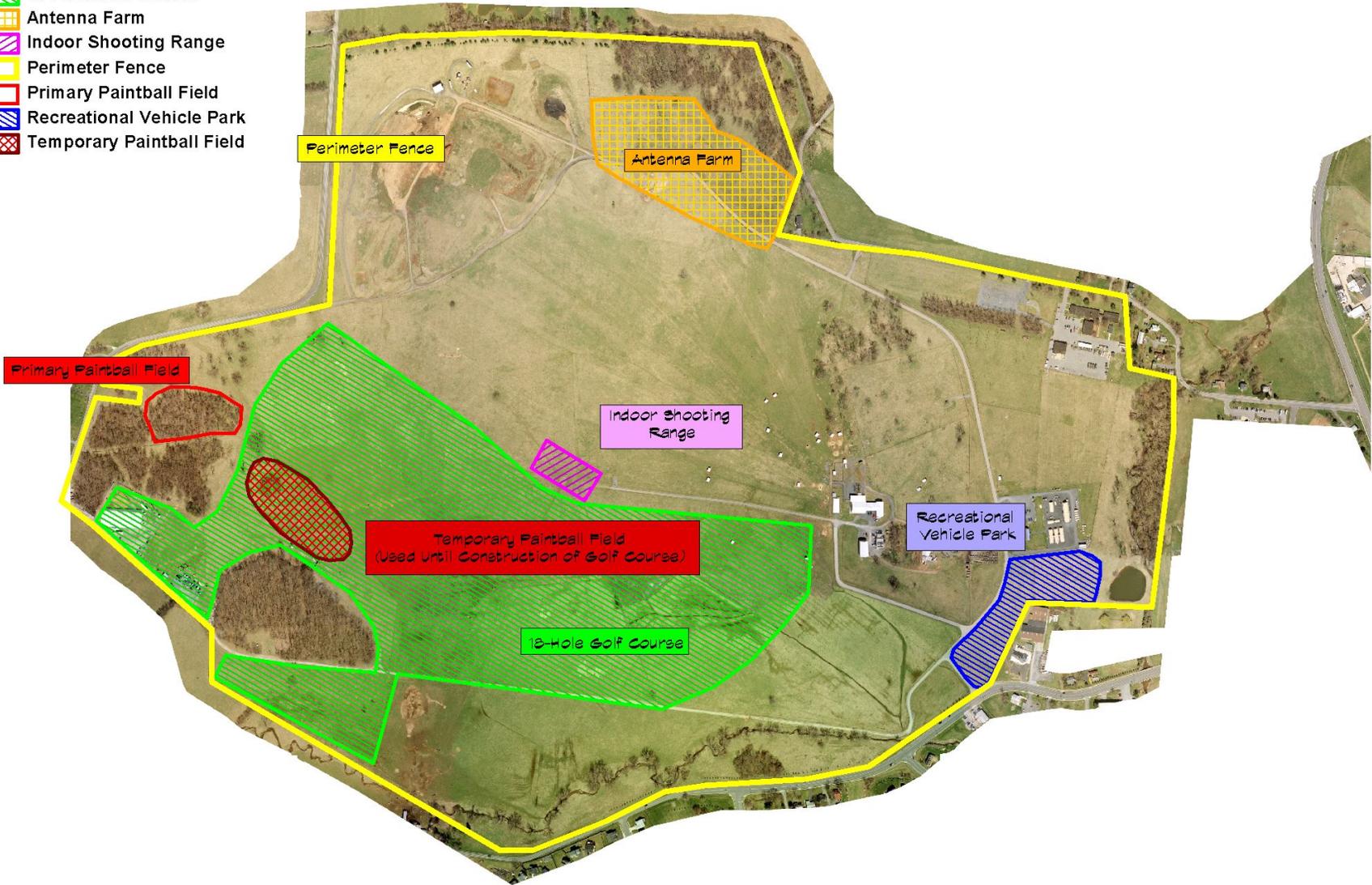


Figure 2 - Proposed Projects for Area B

Environmental Assessment
USAG - Fort Detrick, Maryland





United States Department of the Interior

FISH AND WILDLIFE SERVICE
Chesapeake Bay Field Office
177 Admiral Cochrane Drive
Annapolis, MD 21401



April 21, 2004

Mr. Robert P. Craig, P.E.
Chief, Environmental Management Office
Department of the Army
Headquarters, Fort Detrick
810 Schreider Street
Fort Detrick, MD 21702-5000

RE: Construction and Operation of six projects on Area B at Fort Detrick, Frederick County, MD

Dear Mr Craig, P.E.:

This responds to your letter, received April 2, 2004, requesting information on the presence of species which are federally listed or proposed for listing as endangered or threatened within the vicinity of the above reference project area. We have reviewed the information you enclosed and are providing comments in accordance with section 7 of the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*).

Except for occasional transient individuals, no federally proposed or listed endangered or threatened species are known to exist within the project impact area. Therefore, no Biological Assessment or further section 7 Consultation with the U.S. Fish and Wildlife Service is required. Should project plans change, or if additional information on the distribution of listed or proposed species becomes available, this determination may be reconsidered.

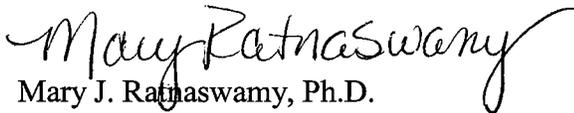
This response relates only to federally protected threatened or endangered species under our jurisdiction. For information on the presence of other rare species, you should contact Lori Byrne of the Maryland Wildlife and Heritage Division at (410) 260-8573.

An additional concern of the Service is wetlands protection. Federal and state partners of the Chesapeake Bay Program have adopted an interim goal of no overall net loss of the Basin's remaining wetlands, and the long term goal of increasing the quality and quantity of the Basin's wetlands resource base. Because of this policy and the functions and values wetlands perform, the Service recommends avoiding wetland impacts. All wetlands within the project area should be identified, and if construction in wetlands is proposed, the U.S. Army Corps of Engineers,

Baltimore District, should be contacted for permit requirements. They can be reached at (410) 962-3670.

We appreciate the opportunity to provide information relative to fish and wildlife issues, and thank you for your interests in these resources. If you have any questions or need further assistance, please contact Maricela Constantino at (410) 573-4542.

Sincerely,

A handwritten signature in cursive script that reads "Mary Ratnaswamy". The signature is written in black ink and is positioned above the printed name.

Mary J. Ratnaswamy, Ph.D.

Program Supervisor, Threatened and Endangered Species



REPLY TO
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DEPARTMENT OF THE ARMY

HEADQUARTERS, FORT DETRICK
810 SCHREIDER STREET
FORT DETRICK, MD 21702-5000

March 31, 2004

Environmental Management Office

Ms. Lori Byrne, E-1
Maryland Department of Natural Resources
Wildlife and Heritage Division
Tawes State Office Building
580 Taylor Avenue
Annapolis, Maryland 21401

Dear Ms. Byrne:

The U.S. Army is preparing an Environmental Assessment (EA), in compliance with the National Environmental Policy Act (NEPA), to determine the potential effects on environmental resources associated with the construction and operation of the six following proposed projects on Area B at Fort Detrick, Maryland:

- 18-Hole Golf Course,
- Indoor Shooting Range,
- Paintball Field,
- Recreational Vehicle (RV) Park,
- Relocation of seven antenna towers from Area A to Area B, and
- Area B Perimeter Fence.

Fort Detrick is situated immediately to the northwest of the City of Frederick, in Frederick County, Maryland and comprises 1,143 acres, as shown in Figure 1 enclosed with this letter. Fort Detrick is considering the use of approximately 150 acres of Area B for these facilities. Additionally, the implementation of the six proposed projects would require the modification of the recently completed 2003 Installation Master Plan for Fort Detrick. The attached map (Figure 2) delineates the locations of the six proposed projects.

In an effort to meet long-term mission and personnel requirements, the Department of Army has developed a Morale, Welfare, and Recreation (MWR) program. This program, designated by Army Regulation 215-1, was designed to attract and retain an elite work force of active duty personnel. These personnel can be and are called upon at a moment's notice to deploy overseas to defend the country's interests. A key element in the MWR program is improving quality of life for military members and authorized patrons who work and reside at various Army installations. The program is designed to meet the needs of the installation community, which includes soldiers, units, retirees, civilian employees, and their families. In an effort to increase and improve community services at Fort Detrick, the four recreational facilities (i.e., 18-hole golf course, indoor small arms and skeet shooting range, paintball field, and RV park) are being proposed. None of the four recreational facilities being proposed currently exist at Fort Detrick. The indoor shooting range would also be utilized by soldiers, police, and guards to practice marksmanship proficiency and complete annual

small arms recertification requirements, as required under AR 190-14 – *Carrying of Firearms and Use of Force for Law Enforcement and Security Duties*. This regulation states, “Military police, DA civilian investigators, DA civilian police and security guards, and contracted or contractor security forces will qualify annually.”

The U.S. Military Affiliate Radio System (MARS) operates nine antennas at Fort Detrick. Presently, all nine antennas are located on Area A at Fort Detrick and two are located in Area B. Of the nine antennas located on Area A, seven will be relocated to Area B. The MARS program consists of licensed amateur radio operators who are interested in military communications on a local, national, and international basis as an adjunct to normal communications. MARS is an official Department of Defense (DoD) and DA sponsored communications system with a mission to provide emergency communications on a local, national, and international basis as an adjunct to normal communications. Also, MARS provides a free radiogram public service, intended to boost the morale of soldiers, airmen, sailors, and other authorized users worldwide. This service is available for messages going to or coming from U.S. Military, Department of State (DOS), and DoD personnel and their dependents.

In accordance with AR 190-11, Physical Security of Arms, Ammunition, and Explosives, 12 February 1998, and AR 525-13, Antiterrorism, 4 January 2002, installations are required to take measures to protect the installation’s facilities and personnel. To meet this requirement Fort Detrick is proposing to replace the existing four foot farm fence that currently surrounds Area B with an eight foot high chain-link fence with barbed wire above.

In accordance with NEPA, the Endangered Species Act, and the Fish and Wildlife Coordination Act, an evaluation of the potential impacts (both positive and negative) associated with implementing this action is required. We are requesting your further input concerning this action with regard to any biological concerns such as fish and wildlife habitat, threatened and endangered species, or other species under your cognizance.

To assist us in our evaluation of the project please submit any comments or concerns you may have about the project by April 30, 2004. Please address all comments to: Mr. Rod Sheffer, USAG, MCHD-SIE, 1500 Porter Street, Fort Detrick, MD 21702-5000. Your comments/concerns will be addressed in the Environmental Assessment that will be available for public comment. Your prompt consideration and response is greatly appreciated. If you need additional information please call me at (301) 619-3152. Thank you for your cooperation.

Sincerely,



Robert P. Craig, P.E.
Chief, Environmental Management Office

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1. Figure 1
2. Figure 2

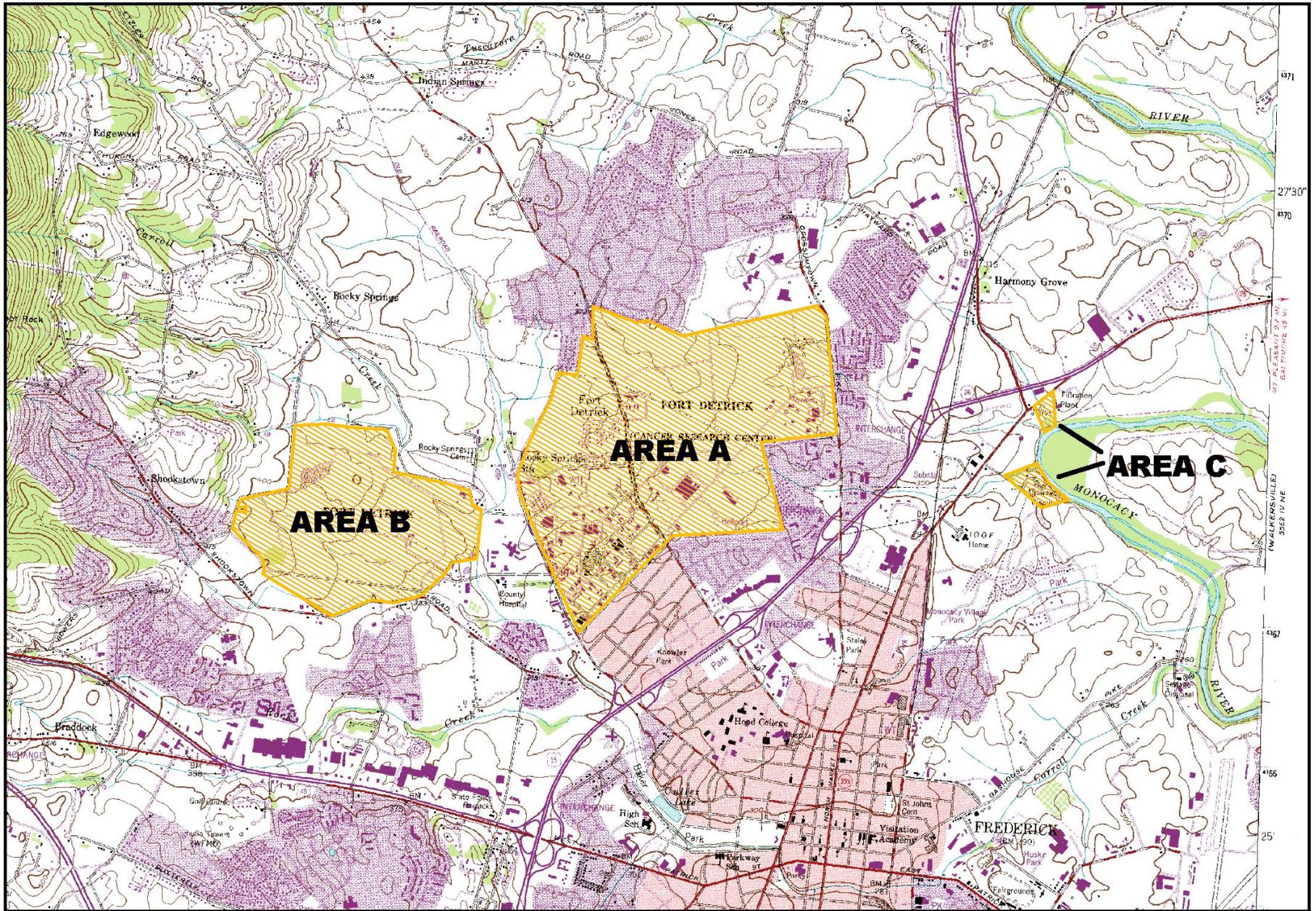


Figure 1 - USGS 7.5 Minute Quadrangle Map

Environmental Assessment
 USAG - Fort Detrick, Maryland

2000 0 2000 4000 6000 Feet

0.5 0 0.5 1 Miles



Source: USGS, Frederick, MD, No. 39077-D4

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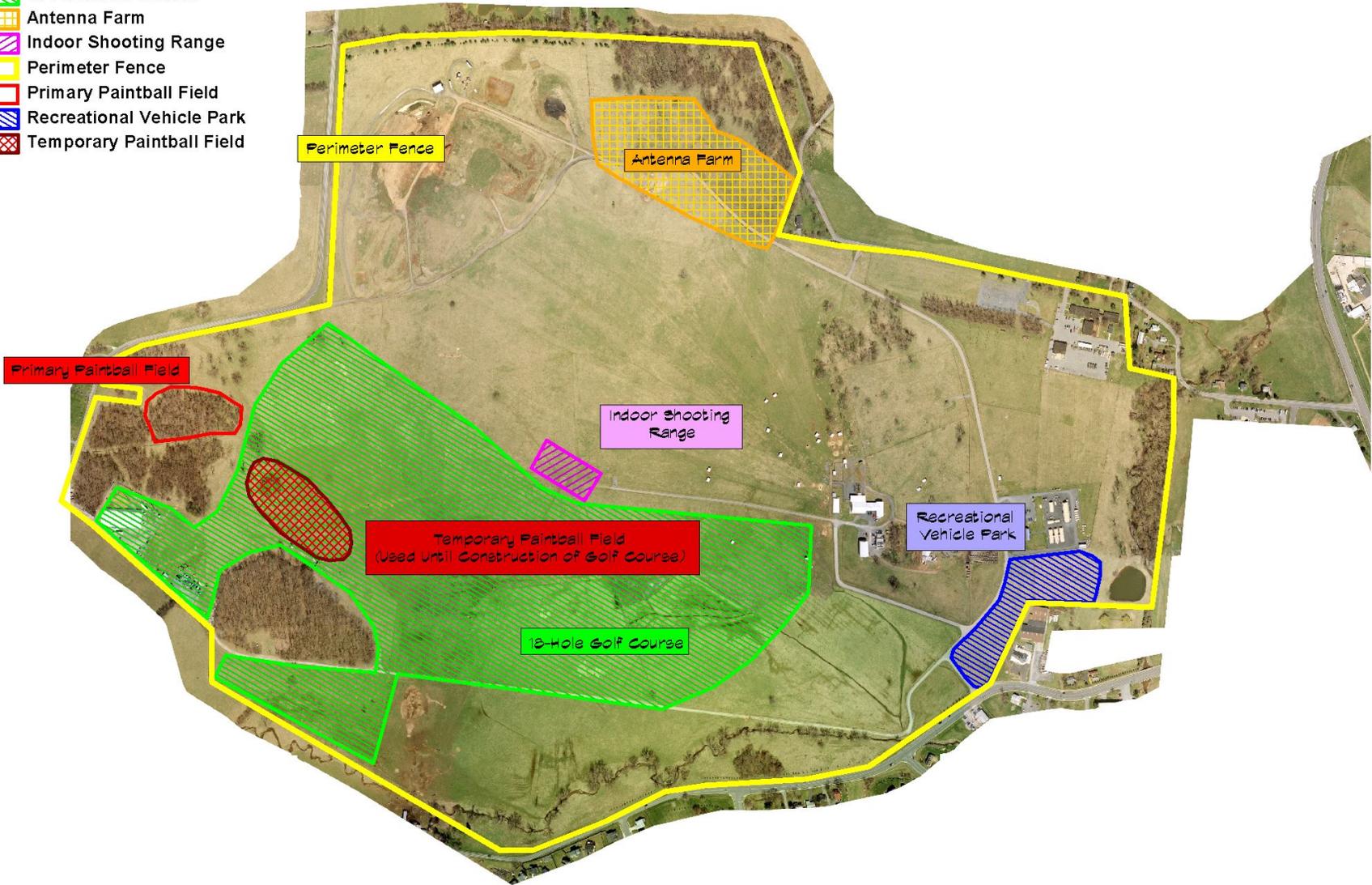


Figure 2 - Proposed Projects for Area B

Environmental Assessment
USAG - Fort Detrick, Maryland





REPLY TO
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810 SCHREIDER STREET
FORT DETRICK, MD 21702-5000

March 31, 2004

Environmental Management Office

Mr. Rodney J. Little
State Historic Preservation Officer
Maryland Historical Trust
100 Community Place
Crownsville, MD 21032

Dear Mr. Little:

The U.S. Army is preparing an Environmental Assessment (EA), in compliance with the National Environmental Policy Act (NEPA), to determine the potential effects on environmental resources associated with the construction and operation of the six following proposed projects on Area B at Fort Detrick, Maryland:

- 18-Hole Golf Course,
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- Recreational Vehicle (RV) Park,
- Relocation of seven antenna towers from Area A to Area B, and
- Area B Perimeter Fence.

Fort Detrick is situated immediately to the northwest of the City of Frederick, in Frederick County, Maryland and comprises 1,143 acres, as shown in Figure 1 enclosed with this letter. Fort Detrick is considering the use of approximately 150 acres of Area B for these facilities. Additionally, the implementation of the six proposed projects would require the modification of the recently completed 2003 Installation Master Plan for Fort Detrick. The attached map (Figure 2) delineates the locations of the six proposed projects.

In an effort to meet long-term mission and personnel requirements, the Department of Army (DA) has developed a Morale, Welfare, and Recreation (MWR) program. This program, designated by Army Regulation 215-1, was designed to attract and retain an elite work force of active duty personnel. A key element in the MWR program is improving quality of life for military members and authorized patrons who work and reside at various Army installations. The program is designed to meet the needs of the installation community, which includes soldiers, units, retirees, civilian employees, and their families. In an effort to increase and improve community services at Fort Detrick, the four recreational facilities (i.e., 18-hole golf course, indoor shooting range, paintball field, and RV park) are being proposed. None of the four recreational facilities being proposed currently exist at Fort Detrick. The indoor shooting range would also be utilized by soldiers, police, and guards to practice marksmanship proficiency and complete annual small arms recertification requirements, as required under AR-190-14 – *Carrying of Firearms and Use of Force for Law Enforcement and Security Duties*. This regulation states, "Military police, DA civilian investigators, DA civilian police and security guards, and contracted or contractor security forces will qualify annually."

The U.S. Military Affiliate Radio System (MARS) operates nine antennas at Fort Detrick. Presently, all nine antennas are located on Area A at Fort Detrick and two are located in Area B. Of the nine antennas located on Area A, seven will be relocated to Area B. The MARS program consists of licensed amateur radio operators who are interested in military communications on a local, national, and international basis as an adjunct to normal communications. MARS is an official Department of Defense (DoD) and DA sponsored communications system with a mission to provide emergency communications on a local, national, and international basis as an adjunct to normal communications. Also, MARS provides a free radiogram public service, intended to boost the morale of soldiers, airmen, sailors, and other authorized users worldwide. This service is available for messages going to or coming from U.S. Military, Department of State (DOS), and DoD personnel and their dependents.

In accordance with AR 190-11, Physical Security of Arms, Ammunition, and Explosives, 12 February 1998, and AR 525-13, Antiterrorism, 4 January 2002, installations are required to take measures to protect the installation's facilities and personnel. To meet this requirement Fort Detrick is proposing to replace the existing four foot farm fence that currently surrounds Area B with an eight foot high chain-link fence with barbed wire above.

The 1992 Cultural Resource Management Plan (CRMP) for Fort Detrick determined that approximately 625 acres in Areas A, B, and C might have high potential for archeological resources. A Phase I Archeological Survey was performed at Fort Detrick from October 1992 through January 1993. Two sites located in Area B, 18FR679 and 18FR682, were examined. A Phase I investigation of the Prehistoric Site 18FR679 determined that the site lacked integrity and archeological research potential; therefore, no further action was considered warranted for this site. The second site (18FR682) on Area B was a Historic Site that consisted of a lime kiln. The kiln was identified by its rubble foundation, a chimney fall, and early twentieth century fill material. Additionally, late nineteenth century to early twentieth century artifacts were recovered from the site. Some pieces of stoneware were also found. A Phase II study of the lime kiln site indicated that there is a lack of archeological and structural integrity; therefore, the site does not qualify for National Register of Historic Presentation listing and no further investigation of this site is warranted.

In accordance with NEPA and the National Historic Preservation Act an evaluation of the potential impacts associated with implementing these proposed projects is required. We are requesting your further input concerning this action with regard to any cultural resource concerns.

To assist us in our evaluation of the project please submit any comments or concerns you may have about the project by April 28, 2004. Please address all comments to: Mr. Rod Sheffer, USAG, MCHD-SIE, 1500 Porter Street, Fort Detrick, MD 21702-5000. Your comments/concerns will be addressed in the Environmental Assessment that will be available for public comment. Your prompt consideration and response is greatly appreciated. If you need additional information please call me at (301) 619-3152. Thank you for your cooperation.

Sincerely,



Robert P. Craig, P.E.
Chief, Environmental Management Office

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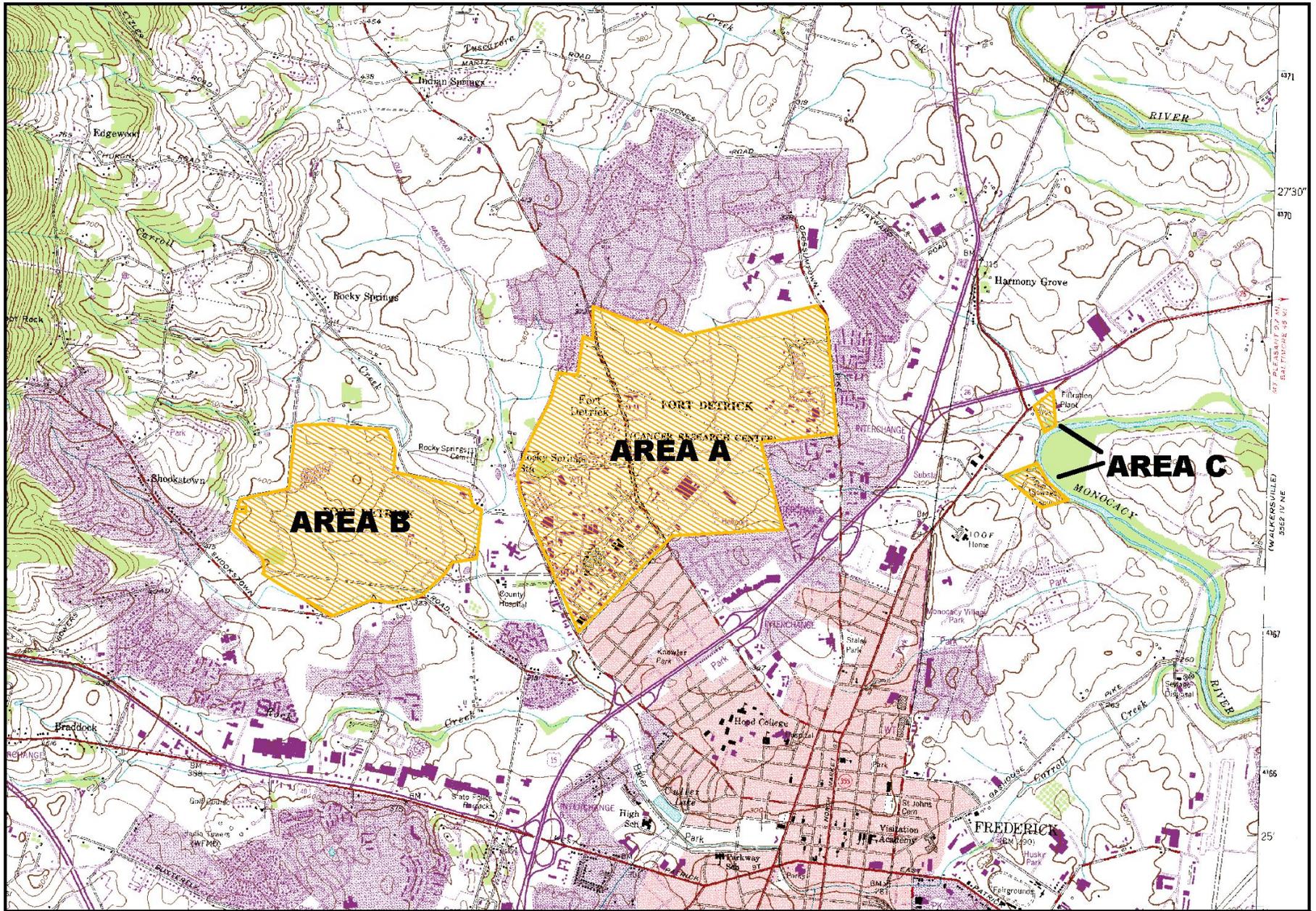


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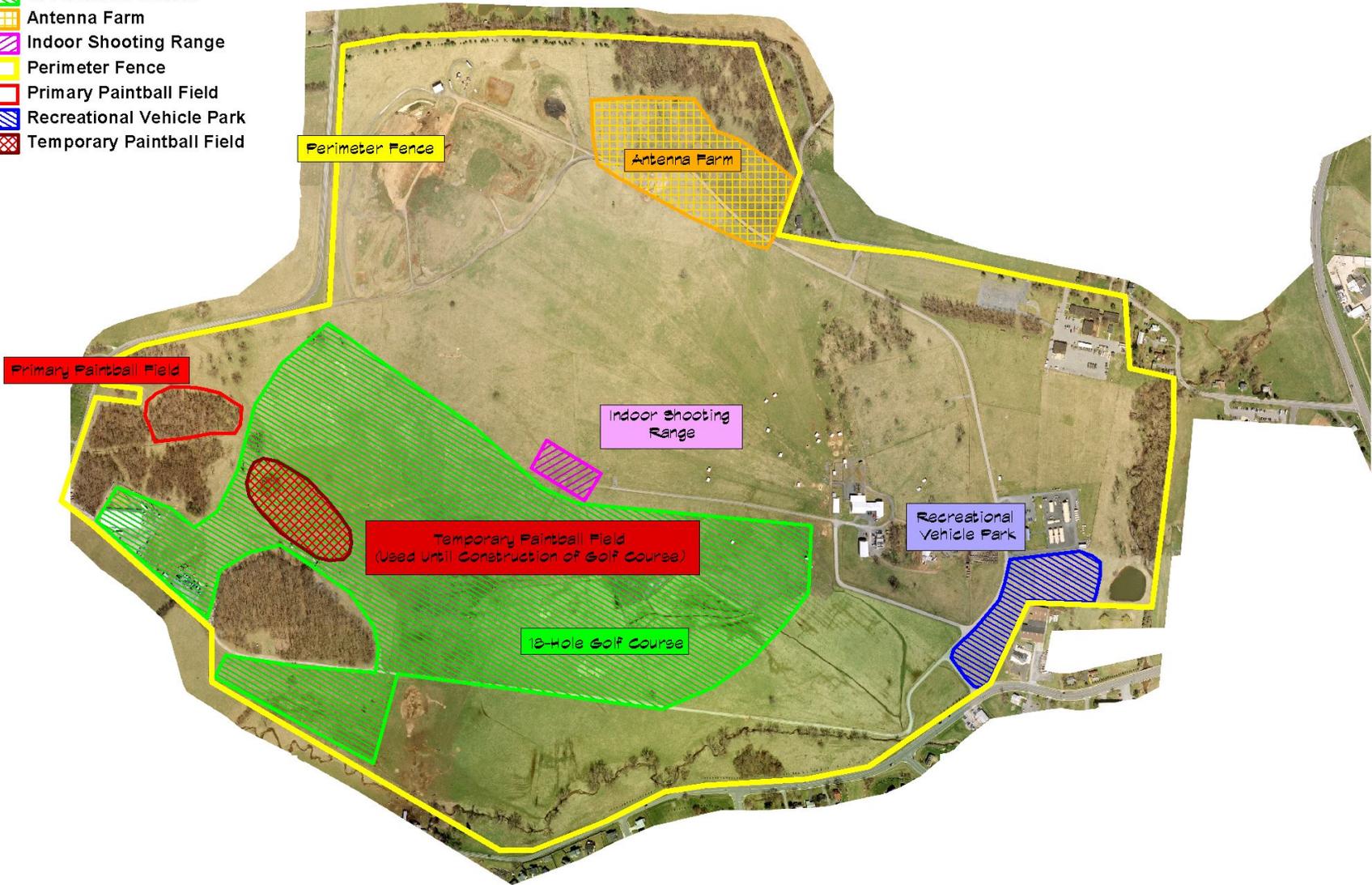


Figure 2 - Proposed Projects for Area B

Environmental Assessment
USAG - Fort Detrick, Maryland





THE **Louis Berger Group**, INC.

2300 N Street, NW, Washington, DC 20037 U.S.A.
Tel 202 331 7775 Fax 202 293 0787 www.louisberger.com

April 16, 2004

Mr. Mark Siebert
Frederick Soil Conservation District
92 Thomas Johnson Drive, Suite 230
Frederick, Maryland 21702-4300

Re: Prime Farmland Soils on Area B, Fort Detrick, Maryland

Dear Mr. Siebert:

The U.S. Army is preparing an Environmental Assessment (EA), in compliance with the National Environmental Policy Act (NEPA), to determine the potential effects on environmental resources associated with the construction and operation of the following six proposed projects on Area B at Fort Detrick, Maryland:

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- Paintball Field,
- Recreational Vehicle (RV) Park,
- Relocation of seven antenna towers from Area A to Area B, and
- Area B Perimeter Fence.

Area B of Fort Detrick is situated immediately to the northwest of the City of Frederick, in Frederick County, Maryland and comprises approximately 399 acres. Fort Detrick is considering the use of approximately 150 acres of Area B for the six projects.

In an effort to meet long-term mission and personnel requirements, the Department of Army (DA) has developed a Morale, Welfare, and Recreation (MWR) program. This program, designated by Army Regulation 215-1, was designed to attract and retain an elite work force of active duty personnel. A key element in the MWR program is improving quality of life for military members and authorized patrons who work and reside at various Army installations. The program is designed to meet the needs of the installation community, which includes soldiers, units, retirees, civilian employees, and their families. The four recreational facilities (i.e., 18-hole golf course, indoor shooting range, paintball field, and RV park) are being proposed as a component of the MWR program at Fort Detrick.

The U.S. Military Affiliate Radio System (MARS) operates nine antennas at Fort Detrick. Presently, all nine antennas are located on Area A at Fort Detrick and two are located in Area B. Of the nine antennas located on Area A, seven will be relocated to Area B. The MARS program consists of licensed amateur radio operators who are interested in military communications on a



THE **Louis Berger Group**, INC.

2300 N Street, NW, Washington, DC 20037 U.S.A.
Tel 202 331 7775 Fax 202 293 0787 www.louisberger.com

local, national, and international basis as an adjunct to normal communications. MARS is an official Department of Defense (DoD) and DA sponsored communications system with a mission to provide emergency communications on a local, national, and international basis as an adjunct to normal communications. Also, MARS provides a free radiogram public service, intended to boost the morale of soldiers, airmen, sailors, and other authorized users worldwide.

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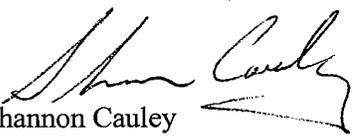
In accordance with NEPA, and the Prime Farmland Policy Protection Act, an evaluation of the potential impacts to prime farmlands associated with implementing these actions is being evaluated. Based on the review of the soil survey maps for the project site, and the prime farmland soils list for Frederick County, the following prime farmland soils have the potential to be considered prime farmland on Area B: Dryrun gravelly loam, 0 to 3 percent slopes; Hagerstown-Opequon silty clay loams, 3 to 8 percent slopes, rocky; Linside silt loam, 0 to 3 percent slopes; Morven loam, 0 to 3 percent slopes; Morven loam, 3 to 8 percent slopes; Springwood gravelly loam, 0-3 percent slopes; and Springwood gravelly loam, 3-8 percent slopes. I have enclosed a copy of the Farmland Impact Rating Form (AD 1006) with parts 1 and 3 completed. In addition, enclosed is a copy of the section of Map Sheet 31 and 41 from the Frederick County Soil Survey showing the boundaries of Area B, a map showing prime farmland soils occurring on Area B, and a table providing the acreages of prime farmland soils by mapping unit on Area B. Please complete parts 2 and 4 of form AD 1006 and return it to Shannon Cauley at The Louis Berger Group, Inc. for final determination of the presence of prime farmlands.

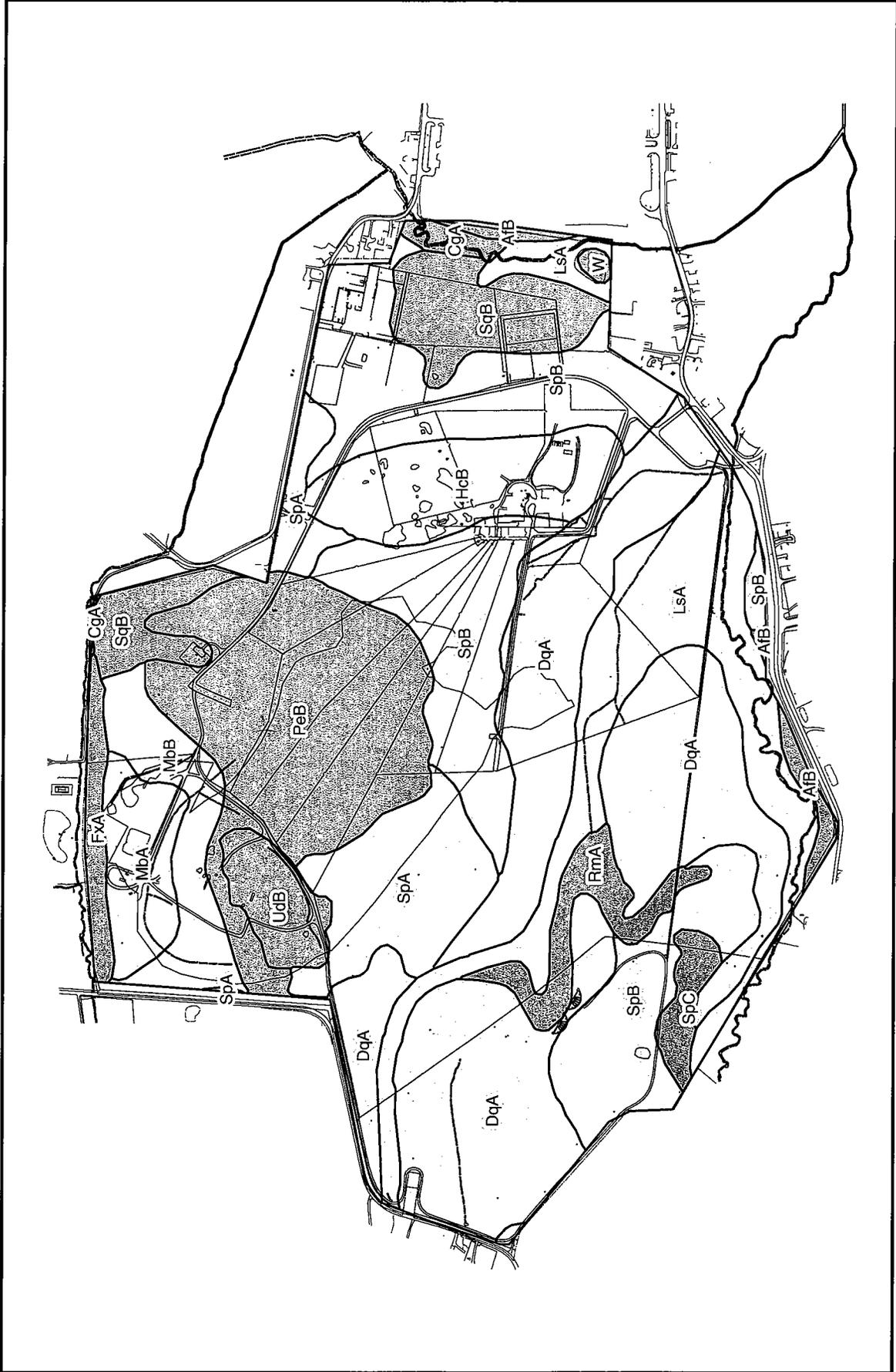
Please return form AD 1006 along with any comments to:

Shannon Cauley
The Louis Berger Group, Inc.
2300 N Street NW
Washington, DC 20037

Thank you for your assistance in this matter. If you have questions or require further information to complete this request, please do not hesitate to contact Shannon Cauley at (202) 912-0306, by facsimile at (202) 293-0787, or by e-mail at scauley@louisberger.com.

Sincerely,
The Louis Berger Group, Inc.


Shannon Cauley
Senior Scientist



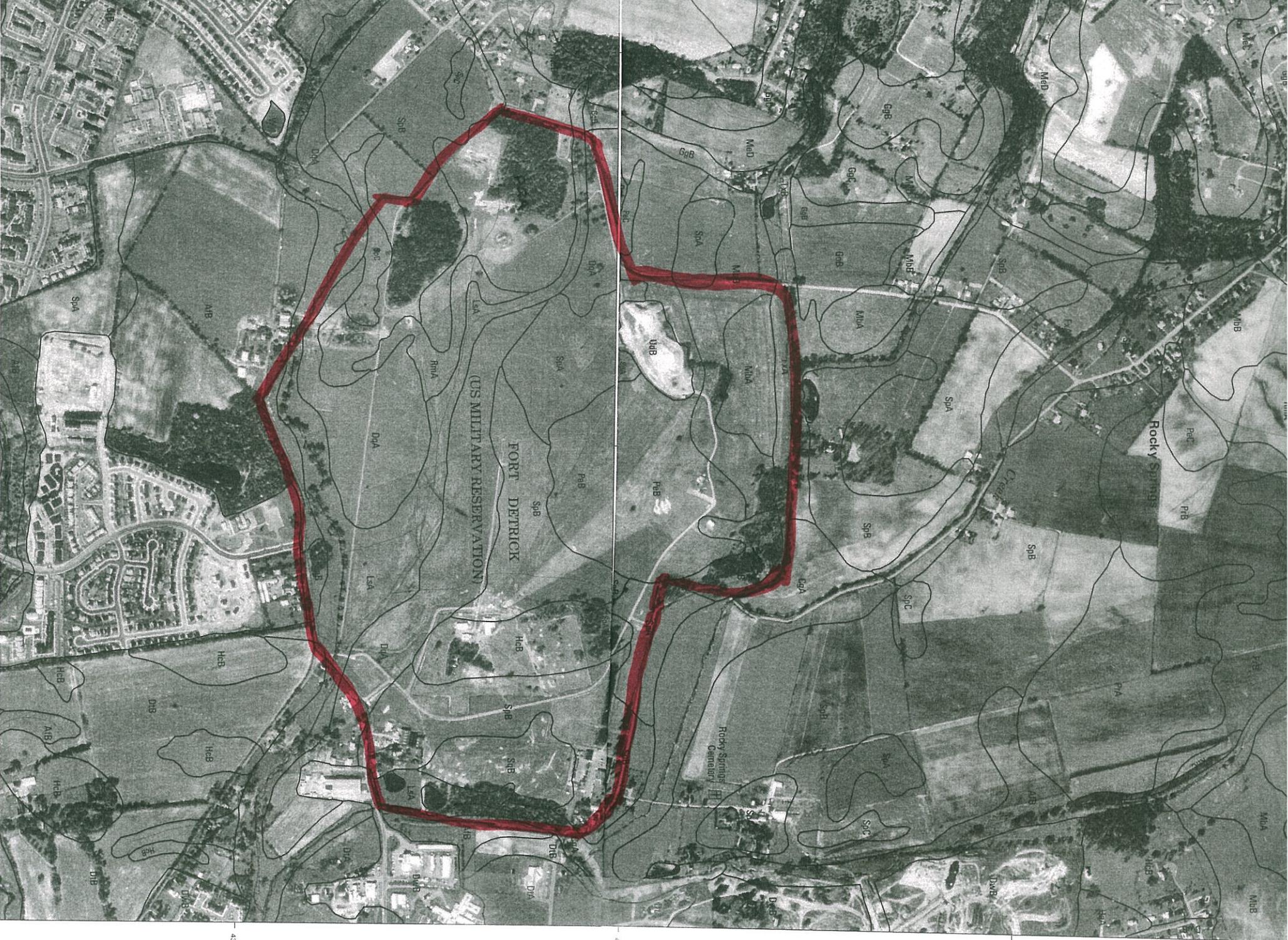
The Louis Berger Group, Inc.
 April 15, 2004



Source: U.S. Department of Agriculture, Natural Resources Conservation Service, Sheets 31 and 41, 2002

Prime Farmland: Fort Detrick - Area B

- Legend**
- Streams and Creeks
 - Base Map
 - No - Prime Farmland Soil
 - Yes - Prime Farmland Soil



4367000mN

4365000mN

4369000mN

PRIME FARMLAND SOILS ON AREA B – FORT DETRICK			
Mapping Unit	Symbol	Polygons on Area B	Acres on Area B
Dryrun gravelly loam, 0 to 3 percent slopes	DqA	4	98.65
Hagerstown-Opequon silty clay loams, 3 to 8 percent slopes, rocky	HcB	1	20.51
Lindside silt loam, 0 to 3 percent slopes	LsA	2	43.21
Morven loam, 0 to 3 percent slopes	MbA	1	10.94
Morven loam, 3 to 8 percent slopes	MbB	1	14.45
Springwood gravelly loam, 0-3 percent slopes	SpA	3	25.22
Springwood gravelly loam, 3-8 percent slopes	SpB	4	76.05
Total Acreage of Prime Farmland Soil on Area B: 289			
Total Acreage in Area B: 399			