



Fort Belvoir

Integrated Cultural Resources Management Plan

US Army Garrison Fort Belvoir, Virginia

April 2014

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Executive Summary

As a strategic sustaining base for America's Army in the National Capital Region, US Army Garrison Fort Belvoir (Fort Belvoir) provides logistical, intelligence, and administrative support to a diverse group of more than 140 mission partners. The Garrison also provides housing, medical services, recreational facilities, and other support services for active-duty personnel and retirees in the National Capital Region.

Fort Belvoir is responsible for the stewardship of cultural resources on the installation's Main Post and six remote sites (Fort Belvoir North Area [FBNA], Mark Center, Rivanna Station, Tysons Corner Communication Tower, Suitland Communication Tower, and Davison Airfield Outer Marker), as well as at the Humphreys Engineer Center (HEC). Fort Belvoir's cultural resources responsibilities are defined by a wide range of laws, principally the National Historic Preservation Act of 1966, as amended, which requires federal agencies, among other things, to identify, inventory, evaluate, and protect properties listed in or eligible for listing in the National Register of Historic Places (National Register), and by Department of Defense (DoD) and Department of the Army regulations, including Army Regulation (AR) 200-1. Among other items, AR 200-1 requires that Army installations such as Fort Belvoir prepare an Integrated Cultural Resources Management Plan (ICRMP).

Objectives

This ICRMP updates the last Fort Belvoir ICRMP, completed in 2001. It defines the substantive and procedural steps the installation takes to operate its cultural resources management program. The primary objective of the document is to describe specific procedures for project coordination, planning, and compliance within the larger framework of the installation's operations and mission. The ICRMP is intended to be a tool for personnel at Fort Belvoir whose responsibilities include the planning and management of projects that may affect cultural resources and must comply with historic preservation laws and regulations.

In support of these objectives, the Fort Belvoir ICRMP:

- Provides a summary overview of the mission and history of the installation.
- Provides an inventory of archaeological and architectural resources listed or eligible for listing in the National Register and those that potentially may be eligible for listing.
- Includes appropriate prehistoric and historic contexts for the installation.
- Identifies and summarizes applicable cultural resources management legislation, regulations, standards, and guidelines.
- Identifies general types of undertakings and specific planned undertakings developed as part of the ongoing Real Property Master Plan update that may affect cultural resources at Fort Belvoir.
- Describes Fort Belvoir's current administrative, operation, and maintenance procedures as they relate to cultural resources.

- 38 • Recommends strategies and specific goals for managing, maintaining, and
39 treating cultural resources in compliance with federal cultural resources
40 management laws and regulations and DoD regulations.
- 41 • Contains standard operating procedures (SOP) for internal installation
42 coordination and external consultation for undertakings that may affect cultural
43 resources.
- 44 • Provides installation-specific recommendations that help identify appropriate
45 treatment options for archaeological and architectural resources.

46 The ICRMP is a supporting document to Fort Belvoir's Real Property Master Plan (update
47 ongoing at the time of writing, anticipated to be completed by mid-2014) and has been prepared in
48 parallel and consistent with the plan. The updated master plan will allow Fort Belvoir to manage its real
49 property resources in a manner that fully supports its overall mission. The master plan establishes historic
50 preservation restrictions and standards that set development guidelines intended to avoid or minimize
51 adverse effects to cultural resources. These restrictions and standards have been incorporated in the
52 ICRMP.

53 Main Legislative and Regulatory Framework

54 Federal Cultural Resources Laws

55 The major federal laws that govern Fort Belvoir's cultural resources management program
56 include:

- 57 • The National Historic Preservation Act (NHPA) of 1966, as amended. NHPA
58 establishes federal policy on historic preservation and provides the framework
59 within which the nation's historic preservation program has been developed.
60 The key provisions of NHPA are contained in Sections 106 and 110 of the act.
 - 61 ○ Section 106 requires federal agencies to take into account the effects of
62 their undertakings on historic properties and afford the Advisory Council
63 on Historic Preservation (ACHP) an opportunity to comment on such
64 undertakings. The implementing regulations for Section 106 are found at
65 36 Code of Federal Regulations (CFR) Part 800, *Protection of Historic and*
66 *Cultural Properties*. A copy is included in Appendix I. These regulations
67 define the process by which the potential effects from proposed
68 undertakings on historic properties are identified and addressed.
69 Undertakings are defined as "any project, activity, or program that can
70 result in changes in the character or use of historic properties." Federal
71 undertakings include all direct actions; federally-assisted actions such as
72 those involving federal funding or loan guarantees; and federally-licensed
73 activities, such as those requiring permits from federal agencies.
 - 74 ○ Section 110 assigns federal agencies the responsibility to protect, preserve,
75 and use historic properties under their control to the maximum extent
76 feasible. Section 110 also requires each federal agency to establish a
77 program to locate, inventory, nominate, and protect historic properties
78 owned or controlled by the agency that may qualify for inclusion in the

79 National Register. The intent of Section 110 is to identify the historic
 80 properties that should be considered when federal agencies make planning
 81 decisions to ensure that these agencies provide good stewardship to the
 82 nation’s significant cultural resources where possible.

- 83 • The Archaeological Resources Protection Act of 1979 (ARPA). ARPA
 84 imposes federal felony penalties for persons convicted of excavating,
 85 removing, damaging, or otherwise defacing archaeological resources located on
 86 federal lands; or selling, purchasing, or transferring artifacts obtained in
 87 violation of the law. With certain exceptions, ARPA requires that permits be
 88 issued prior to the initiation of archaeological investigations on federal property
 89 or on property under federal control.

- 90 • The Native American Graves Protection and Repatriation Act (NAGPRA) of
 91 1990. NAGPRA governs the repatriation and protection of Native American
 92 (American Indian, Inuit, and Hawaiian Native) remains, associated and
 93 unassociated funerary objects, sacred objects, and objects of cultural patrimony
 94 recovered from lands controlled or owned by the United States or held in the
 95 collections of federal agencies or federally-funded museums.

- 96 • The National Environmental Policy Act (NEPA) of 1969, as amended. NEPA
 97 requires federal agencies to consider the environmental impacts of their
 98 proposed actions in their decision-making process. Although NEPA
 99 compliance documents must include an assessment of the impacts of a
 100 proposed action or activity on cultural resources, compliance with NEPA
 101 cannot by itself substitute for Section 106 review. However, both processes can
 102 be coordinated pursuant to 36 CFR 800.8.

103 **Department of Army Regulation 200-1**

104 AR 200-1, *Environmental Quality, Environmental Protection and Enhancement* (December 2007;
 105 revision ongoing) delineates the Army's policy for managing cultural resources to meet legal compliance
 106 requirements and to support the military mission.

107 AR 200-1 establishes a comprehensive cultural resources planning and management strategy for
 108 the Army and provides guidance on the preparation of ICRMPs. The scope of the regulation includes
 109 NHPA, NAGPRA, ARPA, and other legislation and regulations affecting cultural resources management.
 110 The general goals of the cultural resources management program defined by AR 200-1 are:

- 111 • Develop ICRMPs for use as a planning tool.

- 112 • Develop programmatic agreements (PAs) and memoranda of agreement
 113 (MOAs), Army alternate procedures, historic property component plans,
 114 NAGPRA comprehensive agreements and plans of action, cooperative
 115 agreements, and other compliance documents, as needed.

- 116 • Appoint a government (that is, federal or state Army National Guard) employee
 117 as the installation’s Cultural Resources Manager (CRM).

- 118 • Establish a government-to-government relationship with federally-recognized
 119 Indian tribes, as needed. Initial formal government-to-government consultation

120 with federally-recognized Indian tribes must occur only between the
121 appropriate Garrison Commander or Adjutant General and the heads of tribal
122 governments. Follow-on activities may be accomplished by staff.

- 123 • Establish a process that effects early coordination between the CRM and all
124 staff elements, mission partners, proponents of projects and actions, and other
125 affected stakeholders to allow for proper identification, planning, and
126 programming for cultural resource requirements.

127 Specifically with regard to NHPA, AR 200-1 requires that US Army installations:

- 128 • Establish a historic preservation program, to include the identification,
129 evaluation, and treatment of historic properties in consultation with the ACHP,
130 State Historic Preservation Officers (SHPO), local governments, federally-
131 recognized Indian tribes, Native Hawaiian organizations, and the public, as
132 appropriate.

- 133 • Identify, evaluate, take into account, and address the effects of all undertakings
134 on historic properties, including properties of traditional religious or cultural
135 significance.

- 136 • Prepare and implement, as required, MOAs, PAs, or historic property
137 component plans in compliance with NHPA.

- 138 • Ensure that efforts to identify, evaluate, and treat historic properties consider
139 the Secretary of the Interior’s *Standards and Guidelines for Archaeology and*
140 *Historic Preservation* and are conducted under the supervision of personnel
141 who meet the applicable professional qualifications.

- 142 • Maintain an up-to-date listing of all historic properties and, where applicable,
143 record the historic status of buildings in conjunction with real property
144 inventory and reporting.

- 145 • Withhold from public disclosure information about the location, character, or
146 ownership of a historic property when the Garrison Commander determines
147 that disclosure may cause harm to the property or impede the use of a
148 traditional religious site by practitioners.

- 149 • Consider alternatives, including adaptive reuse, for historic properties that are
150 not needed for current or projected mission requirements.

- 151 • Nominate to the National Register only those properties that the Army plans to
152 transfer out of federal management through privatization efforts. Nominate
153 other properties only when justified by exceptional circumstances. Avoid
154 adversely affecting properties that are 50 years old or older that have not been
155 evaluated for National Register eligibility. Assume that all historic sites are
156 eligible until the SHPO concurs with the federal finding of non-eligibility.

- 157 • Where disagreement occurs with the SHPO regarding the eligibility of a
158 historic resource for the National Register, obtain a “Determination of
159 Eligibility” from the Keeper of the National Register.

- 160 • Undertake such planning and actions as may be necessary to minimize harm to
161 any National Historic Landmark (NHL) that may be directly and adversely
162 affected by Army actions.

163 **Cultural Resources Management at Fort Belvoir**

164 Management responsibility for cultural resources at Fort Belvoir is assigned to the CRM, a position
165 within the Directorate of Public Works (DPW). The CRM is normally a government employee. However,
166 when the position is vacant, the same functions may be fulfilled by a qualified contractor working under the
167 direction of the Compliance Branch Chief.

168 The cultural resources management program at Fort Belvoir:

- 169 • Identifies and evaluates cultural resources and maintains an up-to-date
170 inventory of historic properties.
- 171 • Complies with NHPA and other federal laws and Army regulations pertaining
172 to the management of cultural resources.
- 173 • Ensures that current and planned installation programs, plans, and projects
174 (e.g., master plans, environmental impact analyses, real property and
175 maintenance, facilities construction site approvals, and other land use activities)
176 are integrated with cultural resources protection initiatives.
- 177 • Preserves and protects cultural resources in support of Fort Belvoir’s mission.
- 178 • Ensures that sound and cost-effective preservation techniques are used to
179 manage historic buildings, districts, sites, objects, structures, and other cultural
180 resources.
- 181 • Ensures that appropriate consultation procedures are followed at the earliest
182 planning stage of any undertaking that might affect historic properties. During
183 the consultation process, the nature of the undertaking is identified, its Area of
184 Potential Effects (APE) is determined, historic properties in the APE are
185 identified, and the direct and indirect effects of the undertaking on cultural
186 resources are identified.

187 **Identification and Evaluation of Cultural Resources**

188 Fort Belvoir’s current inventory of cultural resources is the result of numerous investigations
189 undertaken to identify and evaluate significant archaeological and architectural resources on the installation.
190 Fort Belvoir’s archaeological resources have been investigated since the 1920s.

191 Of the 303 archaeological sites that have been identified at Fort Belvoir to date, one, the Belvoir
192 Manor Ruins and Fairfax Gravesite (44FX0004), is listed in the National Register. Fifteen sites have been
193 determined to be eligible for the National Register and 132 have been determined to be non-eligible. The
194 remaining 155 sites require further study to determine their eligibility status. Table ES-1 shows the listed
195 and eligible sites, including the status of Virginia State Historic Preservation Office (VASHPO)
196 concurrence.

Table ES-1: National Register-Listed and -Eligible Archaeological Sites

| VASHPO # | Context | Notes |
|---|----------------------|---|
| Archaeological Sites Listed in the National Register | | |
| 44FX0004 | Historic | Listed in 1973. |
| Archaeological Sites Determined National Register-Eligible | | |
| 44FX0012 | Prehistoric | Phase II conducted in 1996. The report was submitted to the VASHPO but as of the end of 2013, a response was still pending. Follow-up with the VASHPO is needed. |
| 44FX1208 | Historic | Phase II conducted in 2002. The report was submitted to the VASHPO but as of the end of 2013, a response was still pending. Follow-up with the VASHPO is needed. |
| 44FX1305 | Prehistoric | Phase II conducted in 1996. The report was submitted to the VASHPO but as of the end of 2013, a response was still pending. Follow-up with the VASHPO is needed. |
| 44FX1309 | Prehistoric | Phase II conducted in 1996. The report was submitted to the VASHPO but as of the end of 2013, a response was still pending. Follow-up with the VASHPO is needed. |
| 44FX1314 | Prehistoric | Phase II conducted in 1996. The report was submitted to the VASHPO but as of the end of 2013, a response was still pending. Follow-up with the VASHPO is needed. |
| 44FX1326 | Historic | Phase II for this site (Barnes/Owsley Site) conducted in 1995. The report found that the 17 th - and 18 th - century components of the site were eligible. Review and concurrence by the VASHPO is not documented. Follow-up is needed. |
| 44FX1328 | Historic/Prehistoric | Phase II conducted in 1991. The VASHPO found the site eligible as one site with 44FX1327 in letter dated 9/18/91 (VASHPO File 91-1117-F). However, in letter dated 7/14/94 (VASHPO File 92-2348-F), 44FX1327 was found to be non-eligible. A Phase III investigation of 44FX1328 was performed in 2000. |
| 44FX1340 | Historic/Prehistoric | Phase II conducted in 1996. The site's prehistoric component was recommended non-eligible. The report was submitted to the VASHPO but as of the end of 2013, a response was still pending. Follow-up with the VASHPO is needed. |
| 44FX1505 | Historic | Phase II conducted in 1996. The site's prehistoric component was recommended non-eligible. The report was submitted to the VASHPO but as of the end of 2013, a response was still pending. Follow-up with the VASHPO is needed. |
| 44FX1621 | Historic/Prehistoric | Phase II conducted in 1991. The VASHPO determined the site to be eligible in letters dated 9/18/91 (VASHPO File 91-1117-F) and 1/29/93 (VASHPO File 92-0931-F). |
| 44FX1677 | Historic | Phase II conducted in 1996. The site's prehistoric component was recommended non-eligible. The report was submitted to the VASHPO but as of the end of 2013, a response was still pending. Follow-up with the VASHPO is needed. |
| 44FX1908 | Prehistoric | Phase II conducted in 1993. The VASHPO concurred in letter dated 9/29/93 (VASHPO File 93-2004-F.) |
| 44FX1925 | Prehistoric | Phase II conducted in 1996. The site was recommended eligible. The report was submitted to the VASHPO but as of the end of 2013, a response was still pending. Follow-up with the VASHPO is needed. |
| 44FX1929 | Prehistoric | Phase II conducted in 2008. The VASHPO concurred in letter dated 2/7/08 (VASHPO File 2003-0021.) |
| 44FX3253 | Prehistoric | Phase II in 2008 (site was split from 44FX1929). The VASHPO concurred in letter dated 2/7/08 (VASHPO File 2003-0021.) |

198 Fort Belvoir’s identification and evaluation efforts regarding architectural resources have
 199 included Phase I and Phase II level architectural surveys of the majority of buildings and structures
 200 constructed prior to 1946; development of appropriate historic contexts; preparation of National Register
 201 nomination forms; and condition assessments of specific buildings. Numerous Cold War-era buildings
 202 have been surveyed. However, a comprehensive survey of all Cold War-era resources constructed through
 203 1989 has not been undertaken.

204 Of the areas under Fort Belvoir’s control, including Main Post, six remote sites and HEC, surveys
 205 have only been undertaken at the Main Post and the following remote sites: FBNA, Tysons Corner
 206 Communication Tower, and Suitland Communication Tower. These surveys have only identified National
 207 Register-eligible resources at Fort Belvoir’s Main Post, including (see Table ES-2):

- 208 • Fort Belvoir Historic District (FBHD) (VASHPO # 029-0209)
- 209 • US Army Package Power Reactor (SM-1) (VASHPO # 029-0193)
- 210 • Camp A.A. Humphreys Pump Station and Filter Building (VASHPO # 029-
 211 0096)
- 212 • Thermo-Con House (Building 172) (VASHPO # 029-5001)
- 213 • Amphitheater (Facility 2287) (VASHPO # 029-0209-0386)
- 214 • Fort Belvoir Military Railroad (FBMRR) Multiple Property Listing (VASHPO
 215 # 029-5648)

216 In addition to Fort Belvoir’s resources, several National Register-listed or -eligible properties are
 217 located just outside Fort Belvoir. These properties are listed in Table ES-3. Although Fort Belvoir does
 218 not own or control them, federal law requires that the installation consider the potential effects of its
 219 undertakings on all National Register-listed or eligible properties that fall within the undertakings’ areas
 220 of potential effects. The historic buildings and sites listed in Table ES-3 are located in the immediate
 221 vicinity of Fort Belvoir and have the potential to be affected by undertakings at the installation.

ES-2: Inventory of National Register-Eligible Architectural Resources at Fort Belvoir

| Facility Name or # (VASHPO #) | Property Type | Facility Name or # (VASHPO #) | Property Type | Facility Name or # (VASHPO #) | Property Type |
|---|---------------|--|---------------|---------------------------------------|----------------|
| Fort Belvoir Historic District (VASHPO # 029-0209)¹ | | | | | |
| Contributing Resources² | | | | | |
| Parade Ground (029-0209-0317) | Landscape | Belvoir Village Common (029-0209-0314) | Landscape | Jadwin Village Common (029-0209-0311) | Landscape |
| Gerber Village Common (029-0209-0313) | Landscape | 1 (029-0209-0001) | Housing | 2 (029-0209-0002) | Housing |
| 3 (029-0209-0003) | Housing | 4 (029-0209-0004) | Housing | 5 (029-0209-0005) | Housing |
| 6 (029-0209-0006) | Housing | 7 (029-0209-0007) | Housing | 8 (029-0209-0009) | Housing |
| 9 (029-0209-0010) | Housing | 10 (029-0209-0011) | Housing | 11 (029-0209-0012) | Housing |
| 12 (029-0209-0013) | Housing | 13 (029-0209-0014) | Housing | 14 (029-0209-0015) | Housing |
| 15 (029-0209-0016) | Housing | 16 (029-0209-0019) | Housing | 17 (029-0209-0020) | Housing |
| 18 (029-0209-0021) | Housing | 19 (029-0209-0022) | Housing | 20 (029-0209-0023) | Officer's Club |
| 21 (029-0209-0024) | Housing | 22 (029-0209-0025) | Housing | 23 (029-0209-0026) | Housing |
| 24 (029-0209-0027) | Housing | 25 (029-0209-0028) | Housing | 26 (029-0209-0029) | Housing |
| 27 (029-0209-0030) | Housing | 28 (029-0209-0031) | Housing | 29 (029-0209-0032) | Housing |
| 30 (029-0209-0033) | Housing | 31 (029-0209-0034) | Housing | 32 (029-0209-0035) | Housing |
| 33 (029-0209-0036) | Housing | 34 (029-0209-0038) | Housing | 35 (029-0209-0039) | Housing |
| 36 (029-0209-0040) | Housing | 37 (029-0209-0041) | Housing | 38 (029-0209-0042) | Housing |
| 39 (029-0209-0043) | Housing | 40 (029-0209-0044) | Housing | 41 (029-0209-0045) | Housing |
| 42 (029-0209-0046) | Housing | 43 (029-0209-0047) | Housing | 44 (029-0209-0048) | Housing |
| 45 (029-0209-0049) | Housing | 46 (029-0209-0050) | Housing | 47 (029-0209-0051) | Housing |
| 48 (029-0209-0052) | Housing | 49 (029-0209-0053) | Housing | 50 (029-0209-0054) | Housing |
| 51 (029-0209-0055) | Housing | 52 (029-0209-0057) | Housing | 53 (029-0209-0058) | Housing |
| 54 (029-0209-0059) | Housing | 55 (029-0209-0060) | Housing | 56 (029-0209-0061) | Housing |
| 57 (029-0209-0062) | Housing | 58 (029-0209-0063) | Housing | 59 (029-0209-0064) | Housing |
| 60 (029-0209-0065) | Housing | 62 (029-0209-0205) | Tennis Court | 67 | Housing |

| Facility Name or # (VASHPO #) | Property Type | Facility Name or # (VASHPO #) | Property Type | Facility Name or # (VASHPO #) | Property Type |
|-------------------------------|-----------------------------|-------------------------------|--------------------|-------------------------------|-----------------------------|
| 68 | Housing | 73 | Garage | 80 (029-0209-0206) | Visiting Officers' Quarters |
| 81 (029-0209-0207) | Visiting Officers' Quarters | 85 | Transformer | 86 | Transformer |
| 87 | Transformer | 89 | Transformer | 101 (029-0209-0070) | Housing |
| 102 (029-0209-0071) | Housing | 103 (029-0209-072) | Housing | 104 (029-0209-0073) | Housing |
| 105 (029-0209-0074) | Housing | 106 (029-0209-0075) | Housing | 107 (029-0209-0076) | Housing |
| 108 (029-0209-0077) | Housing | 109 (029-0209-0078) | Housing | 110 (029-0209-0079) | Housing |
| 111 (029-0209-0081) | Housing | 112 (029-0209-0082) | Housing | 114 (029-0209-0083) | Housing |
| 115 (029-0209-0084) | Housing | 116 (029-0209-0085) | Housing | 117 (029-0209-0086) | Housing |
| 118 (029-0209-0087) | Housing | 119 (029-0209-0088) | Housing | 120 (029-0209-0089) | Housing |
| 121 (029-0209-0091) | Housing | 122 (029-0209-0092) | Housing | 123 (029-0209-0093) | Housing |
| 124 (029-0209-0094) | Housing | 125 (029-0209-0095) | Housing | 126 (029-0209-0096) | Housing |
| 127 (029-0209-0097) | Housing | 128 (029-0209-0098) | Housing | 129 (029-0209-0099) | Housing |
| 130 (029-0209-0100) | Housing | 131 (029-0209-0101) | Housing | 132 (029-0209-0102) | Housing |
| 133 (029-0209-0103) | Housing | 134 (029-0209-0104) | Housing | 135 (029-0209-0105) | Housing |
| 136 (029-0209-0106) | Housing | 137 (029-0209-0108) | Housing | 138 (029-0209-0109) | Housing |
| 139 (029-0209-0110) | Housing | 140 (029-0209-0111) | Housing | 141 (029-0209-0112) | Housing |
| 142 (029-0209-0113) | Housing | 143 (029-0209-0114) | Housing | 144 (029-0209-0115) | Housing |
| 145 (029-0209-0116) | Housing | 146 (029-0209-0117) | Housing | 147 (029-0209-0118) | Housing |
| 148 (029-0209-0119) | Housing | 149 (029-0209-0120) | Housing | 150 (029-0209-0121) | Housing |
| 151 (029-0209-0122) | Housing | 152 (029-0209-0123) | Housing | 153 (029-0209-0124) | Housing |
| 155 (029-0209-0125) | Housing | 157 (029-0209-0126) | Housing | 159 (029-0209-0128) | Housing |
| 161 (029-0209-0129) | Housing | 162 (029-0209-0130) | Housing | 163 (029-0209-0131) | Housing |
| 164 (029-0209-0132) | Housing | 165 (029-0209-0133) | Housing | 166 (029-0209-0134) | Housing |
| 167 (029-0209-0135) | Housing | 168 (029-0209-0136) | Housing | 169 (029-0209-0137) | Housing |
| 170 (029-0209-0138) | Housing | 171 (029-0209-0139) | Housing | 173 | Garage-Residential |
| 174 | Garage-Residential | 175 | Garage-Residential | 176 | Garage-Residential |

US Army Garrison Fort Belvoir

| Facility Name or # (VASHPO #) | Property Type | Facility Name or # (VASHPO #) | Property Type | Facility Name or # (VASHPO #) | Property Type |
|---|--------------------------|-------------------------------|------------------------|-------------------------------|--------------------------|
| 177 | Garage-Residential | 178 | Garage-Residential | 184 (029-0209-0146) | NCO Club |
| 187 (029-0209-0319) | Vehicle Maintenance Shop | 188 | Water Tank | 189 (029-0209-0320) | Vehicle Maintenance Shop |
| 190 (029-0209-0309) | Vehicle Maintenance Shop | 191 (029-0209-0148) | Fire Station | 195 | Transformer |
| 196 | Transformer | 197 | Transformer | 198 | Transformer |
| 201 (029-0209-0149) | Administrative | 202 (029-0209-0150) | General Education | 203 (029-0209-0151) | Administrative |
| 204 (029-0209-0152) | General Education | 205 (029-0209-0153) | General Education | 206 (029-0209-0154) | General Education |
| 207 (029-0209-0155) | General Education | 208 (029-0209-0156) | General Education | 209 (029-0209-0157) | General Education |
| 210 (029-0209-0158) | Administrative | 211 (029-0209-0159) | General Education | 212 (029-0209-0160) | Administrative |
| 213 (029-0209-0161) | Administrative | 214 (029-0209-0210) | General Education | 215 (029-0209-0329) | Administrative |
| 216 (029-0209-0162) | Administrative | 217 (029-0209-0164) | Garage | 219 (029-0209-0166) | Theater |
| 220 (029-0209-0210) | General Education | 221 (029-0209-0211) | Battalion Headquarters | 222 (029-0209-0212) | General Education |
| 223 (029-0209-0213) | General Education | 240 (029-0209-0356) | Theater | 246 (029-0209-0331) | Communications |
| 247 (029-0209-0214) | General Education | 256 (029-0209-0172) | Post Office | 257 (029-0209-0173) | General Education |
| 258 (029-0209-0178) | Administrative | 263 (029-0209-0350) | GP Storage | 264 (029-0209-0215) | GP Storage |
| 268 (029-0209-0175) | General Education | 269 (029-0209-0176) | Post Headquarters | 270 (029-0209-0177) | General Education |
| 435 (029-0209-0178) | Chapel | 436 (029-0209-0179) | Housing | 437 (029-0209-0180) | Housing |
| 438 (029-0209-0181) | Housing | 439 (029-0209-0182) | Housing | 440 (029-0209-0183) | Housing |
| 441 (029-0209-0184) | Housing | 451 (029-0209-0247) | Housing | 452 (029-0209-0248) | Housing |
| 453 (029-0209-0249) | Housing | 454 (029-0209-0250) | Housing | 455 (029-0209-0251) | Housing |
| 500 (029-0209-0187) | Housing | 501 (029-0209-0189) | Housing | 502 (029-0209-0190) | Housing |
| 503 (029-0209-0191) | Housing | 590 (029-0209-0252) | Housing | 1156 | Substation |
| 1157 (029-0209-0203) | Stand-by Generator | 1158 | Electrical Storage | 1161 (029-0209-0341) | Red Cross |
| 1846 (029-0209-0324) | Pedestrian Bridge | | | | |
| Non-contributing Resources² | | | | | |
| 65 (029-0209-0349) | Swimming Pool | 66 (029-0209-0349) | Swimming Pool | 69 (029-0209-0349) | Snack Bar |
| 71 (029-0209-0349) | Swimming Pool | 75 (029-0209-0349) | Filter House | 77 | Waste Water Pump Station |

| Facility Name or # (VASHPO #) | Property Type | Facility Name or # (VASHPO #) | Property Type | Facility Name or # (VASHPO #) | Property Type |
|--|--------------------------------------|-------------------------------|--------------------------------------|-------------------------------|-----------------------------------|
| No number (59 in total) | Garages | 183 | Guard House | 200 | Recreation Center |
| 218 | Memorial | 224 | Storage | 226 | Educational |
| 231 | Administrative | 232 | Flag Pole | 235 | Administrative |
| 236 (029-0209-0322) | Swimming Pool | 238 (029-0209-0330) | Administrative | 249 | Storage |
| 251 | Storage | 259 | Recreational | N/A | Garage |
| N/A | Garage | N/A | Garage | N/A | Garage |
| N/A | Garage | N/A | Garage | 457 (029-0209-0277) | Family Housing |
| 463 (029-0209-0283) | Garage | 464 (029-0209-0284) | Garage | 465 (029-0209-0285) | Garage |
| 466 (029-0209-0286) | Garage | 467 (029-0209-0287) | Garage | 468 (029-0209-0288) | Garage |
| 471 | Infrastructure | | | | |
| US Army Package Power Reactor Multiple Property (VASHPO # 029-0193)² | | | | | |
| 7350 (formerly 350) | Sewage Pump Station | 373 | Sentry Station | 380 | General Education (General Admin) |
| 371 | General Education (General Admin) | 375 | Pump house | 384 | Electronic Equipment Building |
| 372 | SM-1 Plant | 376 | Waste Retention Building | | |
| Camp A.A. Humphreys Pump Station and Filter Building (VASHPO # 029-0096)² | | | | | |
| 1400 | Water Filtration Building | 1424 | Pump Station | | |
| Fort Belvoir Military Railroad Multiple Property Listing (VASHPO # 029-5648)² | | | | | |
| 1433 | Railroad Bridge | 2298 | Railroad Bridge | 2486 | Railroad Bridge |
| None | Track Bed | 7332 | Coal Trestle | | |
| Individually Eligible Buildings | | | | | |
| 172 | Thermo-Con House (VASHPO # 029-5001) | 2287 | Amphitheater (VASHPO #029-0209-0386) | | |
| Notes: | | | | | |
| 1. Based on draft National Register nomination form which is under revision; therefore, the list of contributing and non-contributing resources is preliminary and subject to change. | | | | | |
| 2. Individual resources' VASHPO numbers are provided for those that have them. Fort Belvoir is proposing an update to its V-CRIS data that would include assigning numbers to resources that do not currently have them. | | | | | |

Table ES-3: Historic Architectural Resources near Fort Belvoir

| Resource Name | Location | Designation Status | ID Number |
|---|---|--|--|
| Virginia Properties | | | |
| Woodlawn Historic District: VASHPO # 029-5181 | | | |
| Woodlawn | East of North Post, at junction of US Route 1 and VA 235, Alexandria, Fairfax County, VA | <ul style="list-style-type: none"> National Historic Landmark National Register-Listed Contributes to Woodlawn Historic District Virginia Landmarks Register Individual Fairfax County Historic Site within Fairfax County Woodlawn Historic Overlay District | <p>VASHPO # 029-0056</p> <p>VASHPO # 029-5181 (Historic District)</p> <p>Fairfax County Tax Parcel # 109-2 ((1)) 4</p> |
| Pope-Leighey House | On grounds of Woodlawn (see above) | <ul style="list-style-type: none"> National Register-Listed Virginia Landmarks Register Contributes to National Register-Eligible Woodlawn Historic District Individual Fairfax County Historic Site within Fairfax County Woodlawn Historic Overlay District | <p>VASHPO # 029-0058</p> <p>VASHPO # 029-5181 (Historic District)</p> <p>Fairfax County Tax Parcel # 109-2 ((1)) 4</p> |
| George Washington's Distillery & Grist Mill | East of South Post, on east side of VA 235 Alexandria, Fairfax County, VA | <ul style="list-style-type: none"> National Register-Listed Virginia Landmarks Register Contributes to National Register-Eligible Woodlawn Historic District Individual Fairfax County Historic Site within Fairfax County Woodlawn Historic Overlay District | <p>VASHPO # 029-0330</p> <p>VASHPO # 029-5181 (Historic District)</p> <p>Fairfax County Tax Parcel # 109-2 ((1)) 28</p> |
| Woodlawn Quaker Meetinghouse | 8990 Woodlawn Road, at southwestern corner of Woodland Road and Lampert Road, adjacent to Fort Belvoir Fort Belvoir, Fairfax County, VA | <ul style="list-style-type: none"> National Register-Listed Virginia Landmarks Register Contributes to National Register-Eligible Woodlawn Historic District Individual Fairfax County Historic Site within Fairfax County Woodlawn Historic Overlay District | <p>VASHPO # 029-0172</p> <p>Site 44FX1211 (Burial Ground)</p> <p>VASHPO # 029-5181 (Historic District)</p> <p>Fairfax County Tax Parcel # 109-2 ((1)) 38</p> |

| Resource Name | Location | Designation Status | ID Number |
|------------------------------------|---|---|--|
| Woodlawn Baptist Church & Cemetery | East of South Post, on southeastern corner of Woodlawn Road and Richmond Highway, Alexandria, Fairfax County, VA | <ul style="list-style-type: none"> Cemetery contributes to National Register-Eligible Woodlawn Historic District Individual Fairfax County Historic Site within Fairfax County Woodlawn Historic Overlay District | <p>VASHPO # 029-0070</p> <p>Site 44FX1212 (Cemetery)</p> <p>VASHPO # 029-5181 (Historic District)</p> <p>Fairfax County Tax Parcel # 109-2 ((1)) 1</p> |
| Sharpe Stable Complex | East of South Post, on southern side of US Route 1, Alexandria, Fairfax County, VA | <ul style="list-style-type: none"> Contributes to National Register-Eligible Woodlawn Historic District | <p>VASHPO # 029-5181-0005</p> <p>VASHPO # 029-5181 (Historic District)</p> |
| Grand View (Jacob Troth House) | On grounds of Woodlawn (see above) | <ul style="list-style-type: none"> Contributes to National Register-Eligible Woodlawn Historic District Individual Fairfax County Historic Site within Fairfax County Woodlawn Historic Overlay District | <p>VASHPO # 029-0062</p> <p>VASHPO # 029-5181 (Historic District)</p> <p>Fairfax County Tax Parcel # 109-2 ((1)) 3, 4</p> |
| Otis Tufton Mason House | 8907 Richmond highway, on grounds of Woodlawn (see above) | <ul style="list-style-type: none"> Contributes to National Register-Eligible Woodlawn Historic District Individual Fairfax County Historic Site within Fairfax County Woodlawn Historic Overlay District | <p>VASHPO # 029-5181-0006</p> <p>VASHPO # 020-5181 (Historic District)</p> <p>Fairfax County Tax Parcel # 100-1 ((1)) 25</p> |
| Other Virginia Historic Properties | | | |
| Pohick Church & Cemetery | West of Fort Belvoir Southwest Area at junction of US Route 1 and Old Colchester Road, Lorton, Fairfax County, VA | <ul style="list-style-type: none"> National Register-Listed Virginia Landmarks Register Fairfax County Pohick Church Historic Overlay District | <p>VASHPO # 029-0046</p> <p>Fairfax County Tax Parcel # 108-1 ((1)) 27</p> |
| Accotink United Methodist Church | 9041 Backlick Road, Fort Belvoir, Fairfax County, VA | <ul style="list-style-type: none"> Fairfax County Historic Site | <p>Fairfax County Tax Parcel #109-1 ((1)) 25</p> |
| Old Colchester Road | Fairfax County, VA | <ul style="list-style-type: none"> National Register-Eligible | <p>VASHPO # 029-0953</p> |

| Resource Name | Location | Designation Status | ID Number |
|---|---|---|---|
| Carlby | 4509 Carlby Lane, Alexandria, Fairfax County, VA | <ul style="list-style-type: none"> Fairfax County Historic Site | VASHPO # 029-0087 Fairfax County Tax Parcel # 110-3 ((1)) 10 |
| LaGrange Site & Marders Family Cemetery | 9501 Old Colchester Road, Fairfax County, VA | <ul style="list-style-type: none"> Fairfax County Historic Site | VASHPO # 029-0121 Fairfax County Tax Parcel # 108-3 ((1)) 21 |
| Overlook Farm | 10711 Gunston Road, Fairfax County, VA | <ul style="list-style-type: none"> Fairfax County Historic Site | VASHPO # 029-0161 Fairfax County Tax Parcel # 119-1 ((1)) 2 |
| Mount Air House Site and Grounds | North of North Post, bound to the north by Telegraph Road, to the south by Military Road and Fort Belvoir, and to the east by Accotink Road, Fairfax County, VA | <ul style="list-style-type: none"> Fairfax County Mount Air Historic District Overlay National Register-eligible archaeological site | VASHPO # 029-0136 Site 44FX2277 Fairfax County Tax Parcel # 099-4 ((9)) A |
| Gunston Hall | 10709 Gunston Road Mason Neck, Fairfax County, VA | <ul style="list-style-type: none"> National Historic Landmark National Register-Listed Virginia Landmarks Register Fairfax County Historic Site | VASHPO # 029-0050 Fairfax County Tax Parcel #119-1 ((1)) 1 |
| Maryland Properties | | | |
| Elsmere | Northwest side of River Road, southwest of junction of River Road and MD Route 227, Charles County | <ul style="list-style-type: none"> Maryland Inventory of Historic Properties | CH-106 |
| Greenweich Boundary Markers | Vicinity of Marshall Hall, Charles County, MD | <ul style="list-style-type: none"> Maryland Inventory of Historic Properties | CH-165 |
| Greenway | Southeast side of River Road, southwest of junction of River Road and MD Route 227, Charles County, MD | <ul style="list-style-type: none"> Maryland Inventory of Historic Properties | CH-107 |
| Marshall Hall | At terminus of MD Route 227, Charles County, MD | <ul style="list-style-type: none"> National Register-Listed Maryland Inventory of Historic Properties | CH-54 |
| Piscataway Park | Bryan Point Road, Accokeek, Charles and Prince Georges County, MD | <ul style="list-style-type: none"> National Register-Listed Maryland Inventory of Historic Properties | PG: 83-12 CH-668 |
| Fort Washington | 13351 Fort Washington Road, Fort Washington, Prince Georges County, MD | <ul style="list-style-type: none"> National Register-Listed Maryland Inventory of Historic Properties | PG: 80-16 |

223 **Undertakings**

224 Section 106 of NHPA requires Fort Belvoir to take into account the effects of its undertakings on
 225 historic properties and afford the ACHP an opportunity to comment on such undertakings. An
 226 undertaking is defined as a “project, activity, or program funded in whole or part under the direct or
 227 indirect jurisdiction of a federal agency, including those carried out by or on behalf of a federal agency;
 228 those carried out with federal financial assistance; and those requiring a federal permit, license or
 229 approval.” Most projects proposed at Fort Belvoir constitute undertakings and are subject to Section 106
 230 review. While a wide range of undertakings take place at Fort Belvoir every day, a large majority falls
 231 within a limited number of general types. Table ES-4 presents a list of these general undertaking types
 232 and a brief, general description of the potential effects of each type.

233 **Table ES-4: Typical Undertakings and Their Potential Effects on Cultural Resources**

| Type of Undertaking | Potential Effects: Architectural Resources | Potential Effects: Archaeological Resources |
|---|---|--|
| Demolition | Demolition of a historic architectural resource is an adverse effect by definition. | Demolition may adversely affect subsurface archaeological features and deposits through related actions such as utility line removal. Vibrations from heavy machinery may indirectly affect archaeological resources. |
| New Construction | New construction may indirectly result in an adverse effect to historic architectural resources through introduction of visual or audible elements that are out of character with the surrounding setting, thus diminishing the historic integrity of the resource. | Any undertaking involving ground disturbance has the potential to adversely affect archaeological resources. New construction generally includes site grading and excavation to accommodate the building, associated utilities, and parking areas. |
| Routine Building Maintenance/Minor Repairs | Routine maintenance and minor repair work on interiors generally has no or limited potential to adversely affect architectural resources. Minor repairs to historic exteriors have higher potential but will generally have no adverse effect if the Secretary of the Interior’s <i>Standards for Rehabilitation</i> and the <i>Design Guidelines for DoD Historic Buildings and Districts</i> are met. | Generally, routine building maintenance and minor repairs will not affect archaeological resources. Grounds maintenance that involves subsurface disturbance may affect archaeological resources, however. |
| Rehabilitation/Major Repair | Rehabilitation or major repairs may have an adverse effect on historic architectural resources if elements contributing to the historic integrity of the resource are affected. | Excavation or other ground-disturbing activities conducted in connection with building rehabilitation or major repair may affect archaeological resources. |
| Environmental Compliance, Sampling, and Remediation | Some such activities may potentially affect historic buildings (e.g., asbestos removal). | Excavation or other ground-disturbing activities, such as the removal of underground tanks or contaminated soils, may affect archaeological resources. This includes Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) actions. |
| Natural Resources Management Activities | Such activities may adversely affect historic buildings or historic landscapes through the alteration of character-defining features for the purpose of vegetation or wildlife management. | Activities involving excavation or the clearing or planting of vegetation may affect archaeological resources. |
| Training Activities | Training activities have no to minimal potential to affect historic architectural resources. | Some training activities may affect archaeological resources. Examples include disturbance of sub-surface deposits by explosives detonation or test trenching, and soil erosion or compaction from heavy pedestrian or vehicular traffic. |

234 **Project Tracking and Processes**

235 All projects are initiated through the submission of a facilities work request (Form 4283) to the
236 Business Management Office of DPW. Projects that cost less than \$750,000 continue to be processed by
237 the Business Management Office; projects over \$750,000 are considered Military Construction
238 (MILCON) projects and are transferred to the Facilities Planning Office; a Form 1391 is developed. To
239 ensure cultural resources are taken into consideration, the Business Management Office should inform the
240 CRM of all Form 4283 and MILCON projects and the CRM should review the project to determine if it
241 has the potential to impact cultural resources and conduct Section 106 review, as appropriate.

242 Note that this includes projects by Fort Belvoir's mission partners. AR 200-1 and federal statutes
243 and regulations stipulate that the ultimate responsibility for protecting and managing Fort Belvoir's cultural
244 resources falls on the Garrison Commander and his designated CRM, not on the mission partners.

245 **Management Strategies**

246 Effective cultural resources management programs are integrated into the administrative
247 infrastructure of the installation. This means that an effective program must implement strategies that
248 fulfill the installation's historic preservation obligations within the context of its military mission. US
249 Army regulations recognize this by vesting the general responsibility for cultural resources management
250 with the Garrison Commander and requiring that the commander in turn assign the responsibility for
251 implementing the cultural resources management program to a designated CRM. These regulations also
252 specify that the cultural resources management program should be integrated with natural resources
253 management activities and other installation-wide planning documents. Proactive cultural resources
254 management strategies at Fort Belvoir include:

- 255 • Training to familiarize key personnel with the installation's current inventory
256 of cultural resources and historic preservation legislation, procedures, and basic
257 requirements for compliance activity.
- 258 • Integration with the Real Property Master Plan through the definition of 20
259 planning districts and associated development restrictions and standards to
260 avoid adverse effects to cultural resources on Main Post and FBNA.
- 261 • Phase I, II, and III archaeological investigations, and site protection and
262 maintenance measures.
- 263 • Survey and evaluation of architectural resources, and preventive maintenance
264 program.

265 **General Program Goals**

266 Fort Belvoir has defined several general goals to maintain and strengthen its management of
267 cultural resources. They include:

- 268 • Continue to be a good steward of cultural resources at Fort Belvoir.
- 269 • Plan adequately for the identification and evaluation of cultural resources in
270 compliance with federal legislation, AR 200-1, and Department of the Army
271 Pamphlet (DA PAM) 200-1.

- 272 • Integrate provisions for cultural resources in planning documents undertaken or
273 administered by other activities as they are revised.
- 274 • Ensure that cultural resources management activities take other environmental
275 disciplines, such as natural resources management, into account.
- 276 • Preserve and maintain historic buildings and structures in accordance with the
277 Secretary of the Interior's *Standards for the Treatment of Historic Properties*,
278 the *Design Guidelines for DoD Historic Buildings and Districts*, and DA PAM
279 200-1. Preservation and rehabilitation are the most appropriate treatment
280 options for historic resources at Fort Belvoir.
- 281 • Increase awareness and understanding of the significance of cultural resources
282 at Fort Belvoir.
- 283 • Ensure that the mitigation stipulations of existing and future MOAs and PAs
284 are carried out in full within the timeframe established in the documents.

285 These general goals are further elaborated in Chapter 5 of the ICRMP through specific goals
286 ranked by recommended priority.

287 **Periodic Review of the ICRMP**

288 This ICRMP presents conditions at Fort Belvoir as of the end of calendar year 2013. However,
289 changes in the mission, function, and/or administration of the installation may create conditions that
290 require modifying the document. Thus, it is recommended that Fort Belvoir assess the yearly performance
291 of the cultural resources management program in meeting its goals and revise the ICRMP accordingly.
292 Fort Belvoir should also distribute copies of the ICRMP and updates to DPW personnel, mission partners,
293 the Fort Belvoir Public Affairs Office, SHPO, and local governments.

NOTE: For a complete copy of the Final Integrated Cultural Resources Management Plan, please contact the Fort Belvoir Cultural Resources Manager at (703) 806 - 3759.

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