
APPENDIX D: MEMORANDUM OF AGREEMENT

MEMORANDUM OF AGREEMENT
BETWEEN
US ARMY GARRISON, FORT BELVOIR, VIRGINIA
AND THE
VIRGINIA STATE HISTORIC PRESERVATION OFFICER
TO MITIGATE ADVERSE EFFECTS OF THE WATER STORAGE TANK
REPLACEMENT PROJECT, FORT BELVOIR, VIRGINIA

WHEREAS, Fort Belvoir proposes to construct three elevated Water Storage Tanks (WSTs) to provide adequate water storage for the installation's main post; and

WHEREAS, the undertaking is defined as; the demolition of existing WSTs 188, 591, 2428 and 2429; the clearing and grading of proposed new WST sites, and the construction of three 1,000,000 gallon elevated WSTs with supporting waterlines and equipment (DHR Project Review No. 2013-0255); and

WHEREAS, Fort Belvoir has determined that the proposed WST construction project has the potential to affect historic properties covered in the utility privatization contract for the Fort Belvoir potable water distribution system, contract number SP0600-09-C-8257 ; and

WHEREAS, the said contract requires that the Contractor coordinate projects which may affect cultural resources with the Contracting Officer's Representative (COR) and provides that the COR will coordinate with the Fort Belvoir Cultural Resources Program manager to determine whether consultation is required in accordance with 36 C.F.R. Part 800 to avoid, minimize or mitigate any adverse effect of the Project; and

WHEREAS, the Contractor shall not start work until notified by the COR; and

WHEREAS, Attachment J9 of the contract requires the Contractor to pursue State Historic Preservation Officer (SHPO) "approval" to demolish the existing historic water tower [Facility 188] and states that no demolition will be undertaken absent SHPO "approval;" and

WHEREAS, Fort Belvoir has determined that the demolition of WST 188 is required to provide adequate water capacity to support the installation; and

WHEREAS, Fort Belvoir, in consultation with both the Virginia SHPO (VA SHPO) and Maryland SHPO (MD SHPO), has established the undertaking's Area of Potential Effect (APE) for direct effects (ground disturbance), as defined at 36 CFR 800.16(d), to be the limits of construction disturbance for the construction of the project, as illustrated in Attachment A; and

WHEREAS, Fort Belvoir, in consultation with the MDSHPO and VA SHPO, has established the undertaking's APE for indirect effects (visual) as defined at 36 CFR 800.16(d), to be the National Register of Historic Places (NRHP) eligible Fort Belvoir Historic District (FBHD), NRHP listed Woodlawn Quaker Meetinghouse, portions of the NRHP eligible Woodlawn Historic District, and Fort Washington; as illustrated in Attachment A; and

WHEREAS, Fort Belvoir has determined, and the VA SHPO has concurred, that WST 188 (DHR Inventory No. 029-0209) is eligible for inclusion on the NRHP as contributing element to the NRHP eligible FBHD under Criterion A through its association with the US Army Engineer School from 1912 to 1989 and under Criterion C for its architectural and city planning elements; and

WHEREAS, Fort Belvoir has determined, and the VA SHPO has concurred, that WSTs 591, 2428 and 2429, were evaluated and determined ineligible for the NRHP as a part of the 2006 *Historical Infrastructure Survey and Evaluation* conducted by John Milner Associates, Inc (VDHR# 2005-0229); and

WHEREAS, Fort Belvoir has determined, and the VA SHPO has concurred, that there are no National Register-eligible or listed archeological resources within the APE; and

WHEREAS, Fort Belvoir has determined, and the VA SHPO has concurred, that the demolition of WST 188 constitutes an adverse effect on the structure, the FBHD as a whole, and the viewshed of the FBHD; and

WHEREAS, Fort Belvoir has determined, and the VA SHPO has concurred, that the demolition of WSTs 591, 2428 and 2429 do not constitute an adverse effect on the structures, or the viewsheds of the NRHP eligible FBHD, NRHP listed Woodlawn Quaker Meetinghouse, NRHP eligible Woodlawn Historic District, by letter dated March 18, 2013; and

WHEREAS, Fort Belvoir had determined, and the MD SHPO has concurred, that the demolition of WSTs 188, 591, 2428, and 2429 will not adversely affect the viewshed of the NRHP listed Fort Washington, by email March 20, 2013; and

WHEREAS, Fort Belvoir, in consultation with the VA SHPO, has determined that the construction of the three new replacement WTSs has the potential to adversely affect the viewsheds of the NRHP listed Woodlawn Quaker

Meetinghouse, NRHP eligible Woodlawn Historic District, and NRHP eligible FBHD; and

WHEREAS, Fort Belvoir, in consultation with the MD SHPO, has determined that the construction of new WSTs on Fort Belvoir will have no adverse effect, as they are currently designed, on NRHP listed Fort Washington, and the MD SHPO has deferred to the VA SHPO to continue consultation with Fort Belvoir on the Undertaking by email dated March 20, 2013; and

WHEREAS, Fort Belvoir invited the Advisory Council on Historic Preservation (ACHP) to participate in this Memorandum of Agreement (Agreement) in a letter dated February 22, 2013 in accordance with 36 CFR 800.6 (a) (1) (i), and the ACHP elected not to participate in consultation by letter dated March 11, 2013; and

WHEREAS, Fort Belvoir invited the Catawba Indian Nation to participate in Section 106 consultation for this undertaking on February 22, 2013 in accordance with 36 CFR 800.8 (c), and the tribe has elected not to participate in consultation by letter dated March 16, 2013; and

WHEREAS, Fort Belvoir invited Fairfax County to participate as a Concurring Party to this Agreement in accordance with 36 CFR 800.6(c)(3) on February 22, 2013, and Fairfax County has elected not to participate in consultation by email dated April 4, 2013; and

WHEREAS, Fort Belvoir invited the National Trust for Historic Preservation (Trust) to participate as a Concurring Party to this Agreement in accordance with 36 CFR 800.6(c)(3) on February 22, 2013, and the Trust has elected not to participate in further consultation by email dated March 5, 2013; and

WHEREAS, Fort Belvoir has invited the Alexandria Monthly Meeting of the Religious Society of Friends (Friends) and the National Park Service – National Capital Parks East (NCP-East) to participate as consulting parties pursuant to 36 CFR 800.2, and they did not respond; and

WHEREAS, in accordance with 36 CFR 800.8 (c), Fort Belvoir provided the public an opportunity to comment on this Undertaking through the NEPA process by means of an the Environmental Assessment for Water/Wastewater Utility Upgrade Fort Belvoir, Virginia;

NOW THEREFORE, Fort Belvoir and the VA SHPO agree that the undertaking shall be implemented in accordance with the following stipulations in order to mitigate the adverse effects on WST 188 and the FBHD District and to avoid/minimize effects to the viewsheds of the Woodlawn Quaker Meetinghouse, the Woodlawn Historic District, the FBHD, and Fort Washington.

Stipulations

Fort Belvoir shall ensure that the following stipulations are carried out.

I. MITIGATION FOR DEMOLITION OF WATER STORAGE TANK 188

- A. Within one (1) year of the execution of this Agreement Fort Belvoir shall complete Level II Historic American Engineering Record (HAER) documentation of WST 188. The HAER documentation shall consist of the following: a written history and description of WST 188; select existing drawings of the WST 188 photographed with large-format negatives or photographically reproduced on mylar; photographs of WST 188 of exterior and interior views and historic views, where available; field records; and a digital copy of the complete survey with all support documents.
- B. Fort Belvoir shall provide the VA SHPO a draft of the HAER documentation for review and concurrence.
- C. Fort Belvoir shall provide to the VA SHPO two (2) archival copies of the final HAER documentation and one (1) digital copy of the final documentation. Fort Belvoir shall retain the original archival copy of the final HAER documentation and one (1) digital copy of the final documentation.
- D. Fort Belvoir shall not proceed with demolition until VA SHPO has accepted the documentation package. The VA SHPO shall not unnecessarily withhold its concurrence with the documentation package.
- E. Fort Belvoir shall develop, and publish in the Belvoir Eagle newspaper, a full page newspaper article on the history and significance of WST 188, its relation to the Fort Belvoir Historic District and its connection to the Humphreys Water Filtration Plant. Copies of the published article shall be provided to the VA SHPO, and the Virginia Room of the Fairfax County Public Library.
- F. The article shall be published within one (1) year of execution of this Agreement.
- G. Fort Belvoir shall develop an interpretive poster using the historic panoramic photo taken from WST 188 in 1936 (Attachment B) in comparison with a new panoramic photo taken prior to demolition. The poster will discuss briefly the development of Fort Belvoir and WST 188.
- H. Fort Belvoir shall print 100 copies of the poster within one (1) year of execution of this Agreement. Unframed versions of the poster shall be

provided to local libraries, high schools, and historical societies. A framed version of the poster shall be placed on display in Fort Belvoir Command Headquarters. An additional framed copy of the poster shall be provided to the Virginia Room of the Fairfax County Public Library for display.

- I. Fort Belvoir shall provide to the VA SHPO two (2) archival copies of the final poster and one (1) digital copy. Fort Belvoir shall retain the original archival copy of poster and one (1) digital copy.

II. INSTALLATION OF A HISTORIC MARKER

- A. Fort Belvoir shall develop and fund the fabrication and installation of an interpretive historic marker on the history of the WST 188 in consultation with the VA SHPO. Fort Belvoir shall install the interpretive historic marker adjacent to the site of the original structure, facing 16th Street.
- B. Fort Belvoir shall submit the proposed design to the VA SHPO for review and comment on the design, text, and layout of the interpretive historic marker.
- C. Fort Belvoir shall provide the revised historic marker design to the VA SHPO, with a description of how any previous comments were addressed in the revised historic marker design.
- D. The marker shall be erected within two (2) years of the execution of this Agreement.
- E. Fort Belvoir shall notify the VA SHPO in writing upon the completion of this stipulation.

III. REPLACEMENT TOWER DESIGN

- A. Fort Belvoir shall require that the WST replacing WSTs 188 and 591 and the single tank replacing 2428 and 2429 be designed in the multi-column style similar to the existing elevated WSTs.
- B. Fort Belvoir shall require that the WST replacing WST 188 be designed with conical shape top that will be similar in style to the existing WST.
- C. Fort Belvoir shall require that all replacement WST be painted in the same color as the existing WSTs.
- D. The VA SHPO shall be afforded the opportunity to review and comment on the 90% design drawings for the proposed WST replacement.

- E. Fort Belvoir shall then provide the revised 100% design drawings to the VA SHPO with a description of the comments received and how Fort Belvoir addressed those concerns in the plan.

IV. POST REVIEW DISCOVERIES

- A. In the event that previously unidentified archaeological resources are discovered during ground-disturbing activities associated with the Undertaking, Fort Belvoir shall halt all construction work involving subsurface disturbance in the area of the discovery and in the surrounding area where further subsurface archeological resources can reasonably be expected to occur and notify the VA SHPO and other consulting parties of the discovery within two (2) working days.
- B. Fort Belvoir and the VA SHPO, or an archaeologist approved by them, shall, within two working days, inspect the work site and determine the area and nature of the affected archaeological resource. Construction work may then continue in the area outside the archaeological resource as defined by Fort Belvoir and the VA SHPO, or their designated representative.
- C. Within five (5) working days of the original notification of discovery, Fort Belvoir, in consultation with the VA SHPO and other consulting parties, shall determine the NRHP eligibility of the resource.
- D. If the resource is determined eligible for the NRHP, Fort Belvoir shall prepare a plan for its avoidance, protection, or recovery of information. Such plan shall be approved by the VA SHPO and commented on by the other consulting parties prior to implementation.
- E. Work in the affected area shall not proceed until either:
 - 1. The development and implementation of appropriate data recovery or other recommended mitigation procedures is accomplished, or
 - 2. The determination is made that the located resources are not eligible for inclusion in the NRHP.
- F. Any disputes over the evaluation or treatment of previously unidentified resources shall be resolved as provided in the section of this Agreement titled Dispute Resolution.

V. HUMAN REMAINS

- A. In the unlikely event that human remains and/or associated funerary objects are encountered during the implementation of this Agreement, Fort Belvoir

shall immediately halt all work in the area and contact the appropriate authorities. If the remains appear to be Native American in origin any such remains and/or funerary objects shall be treated in accordance with the Native American Graves Protection and Repatriation Act (25 USC 3001 et seq; "NAGPRA") and its implementing regulations, 43 CFR Part 10.

- B. If the remains are determined not to be of Native American origin, Fort Belvoir shall consult with the VA SHPO and other appropriate consulting parties. Prior to the archaeological excavation of any remains, the following information shall be submitted to the VA SHPO and other appropriate consulting parties for consultation:
 - 1. The name of the property or archaeological site and the specific location from which the recovery is proposed. If the recovery is from a known archaeological site, a state-issued site number shall be included.
 - 2. Indication of whether a waiver of public notice is requested and why. If a waiver is not requested, a copy of the public notice (to be published in a newspaper having general circulation in the area for a minimum of four weeks prior to recovery) must be submitted.
 - 3. A copy of the curriculum vita of the skeletal biologist who will perform the analysis of the remains.
 - 4. A statement that the treatment of human skeletal remains and associated artifacts will be respectful.
 - 5. An expected timetable for excavation, osteological analysis, preparation of final report, and final disposition of remains.
 - 6. A statement of the goals and objectives of the removal (to include both excavation and osteological analysis).
 - 7. If a disposition other than reburial is proposed, a statement of justification.
- C. Fort Belvoir shall treat all human remains in a manner consistent with the ACHP "Policy Statement Regarding Treatment of Burial Sites, Human Remains and Funerary Objects" (23 February 2007).

VI. PROFESSIONAL QUALIFICATIONS

- A. Documentation of WST 188 shall be carried out by or under the direct supervision of a qualified architectural historian or historians who meet(s),

at a minimum, the qualifications set forth in the Secretary of the Interior's *Professional Qualifications Standards* (48 FR 44738-9).

- B. All documentation performed pursuant to this Agreement shall be performed according to The Secretary of the Interior's *Guidelines for Architectural and Engineering Documentation* (68 FR 43159-62; found at http://www.nps.gov/hdp/standards/standards_regs.pdf and elaborated on at <http://www.nps.gov/hdp/standards/habsguidelines.htm> and in accordance with the VA SHPO's *Survey Guidelines* (1999, rev. 2003) to include "Photographic Documentation for National Park Service (NPS) Register Nominations and Virginia Department of Historic Resources (DHR) Basic Survey" where applicable.

VII. REVIEW OF MITIGATION MEASURES

Fort Belvoir shall provide drafts of the HAER documentation, historic marker design, text, and layout, and replacement tower design as provided in Stipulations I, II, and III, above, to the VA SHPO for review and comment, or concurrence as noted. If the VA SHPO does not provide written comments to Fort Belvoir within thirty (30) days of confirmed receipt of the complete materials, Fort Belvoir may assume no comment. Fort Belvoir shall take into account and address all comments received within the thirty (30)-day review period from the VA SHPO in the final mitigation product.

VIII. ANTI-DEFICIENCY ACT

The stipulations of this Agreement are subject to the provisions of the federal Anti-Deficiency Act. If compliance with the Anti-Deficiency Act would alter or impair Fort Belvoir's ability to implement the stipulations of this Agreement, Fort Belvoir will consult in accordance with the dispute resolution and amendment and termination procedures found in Stipulations IX and X, respectively, of this Agreement.

IX. DISPUTE RESOLUTION

- A. Should any party to this Agreement object in writing to Fort Belvoir regarding any action carried out or proposed with respect to the undertakings covered by this Agreement or to implementation of this Agreement, Fort Belvoir shall consult with the objecting party to resolve the objection.
- B. If after initiating such consultation, Fort Belvoir determines that the objection cannot be resolved through consultation Fort Belvoir shall

forward all documentation relevant to the objection to the ACHP, in accordance with 36 C.F.R. 800.11(g), including Fort Belvoir's proposed response to the objection, with the expectation that within thirty (30) days after receipt of all pertinent documentation, the ACHP shall exercise one of the following options:

1. It may advise Fort Belvoir that the ACHP concurs in Fort Belvoir's proposed final decision; or
 2. It may provide Fort Belvoir with recommendations, which Fort Belvoir shall consider in reaching a final decision on its response to the objection; or
 3. It may notify Fort Belvoir that the objection will be referred for comment pursuant to 36 CFR 800.7(a)(4), and proceed to refer the objection and comment. Fort Belvoir shall take the resulting comment into account in accordance with Section 110(1) of the National Historic Preservation Act.
- C. Should the ACHP not exercise one of the above options within thirty (30) days after receipt of all pertinent documentation, Fort Belvoir may assume the ACHP's concurrence in its proposed response to the objection.
- D. Fort Belvoir shall take into account any ACHP recommendation or comment provided in accordance with this stipulation with reference only to the subject of the objection; Fort Belvoir's responsibility to carry out all the actions under this agreement that are not the subject of objection shall remain unchanged.
- E. At any time during implementation of the measures stipulated in this Agreement, should an objection pertaining to this Agreement be raised by a member of the public, Fort Belvoir shall notify the parties to this Agreement and take the objection into account, consulting with the objector and, should the objector so request, with any of the parties to this Agreement to resolve the objection.

X. AMENDMENT AND TERMINATION OF MEMORANDUM OF AGREEMENT

- A. Any signatory to this Agreement may propose to Fort Belvoir that the Agreement be amended, whereupon Fort Belvoir shall consult with the other parties to this Agreement to consider such an amendment. All signatories to the Agreement must agree to the proposed amendment in accordance with 36 CFR Part 800.6(c)(7). If the ACHP was not a party to the original Agreement and the signatories execute an amended agreement, Fort Belvoir shall file it with the Council.

- B. Any signatory to this Agreement may terminate its participation by providing thirty (30) days written notice to the other parties, provided that the parties will consult during the period prior to the termination to seek amendments or other actions that would avoid termination. The ACHP shall be afforded an opportunity to comment during this period as well. In the event of termination, Fort Belvoir shall submit to the SHPO a technical report on all work done in accordance with Stipulations I.-IV., above, up to and including the date of termination and will comply with 36 CFR Part 800.
- C. If Fort Belvoir determines that it cannot implement the terms of this Agreement, or if any other signatory determines that the Agreement is not being properly implemented, the signatories shall consult to seek amendment of the Agreement. If the Agreement is not amended, any signatory may terminate it.
- D. Should this Agreement be terminated, Fort Belvoir shall either:
 - 1. Consult in accordance with 36 CFR Part 800.6 to develop a new Agreement; or
 - 2. Request the comments of the ACHP pursuant to 36 CFR Part 800.7(a)(1).

XI. DURATION

- A. This Agreement is effective upon the date signed by the last signatory party.
- B. This Agreement will be in effect for a period of five (5) years after the effective date.

Execution of this Memorandum of Agreement and implementation of its terms by Fort Belvoir and the VA SHPO are evidence that Fort Belvoir has afforded the ACHP an opportunity to comment on the replacement of WSTs 188, 591, 2428 and 2429 and its effects on historic properties, and that Fort Belvoir has taken into account the effects of the undertaking on historic properties. Implementation of this Agreement satisfies Army and Fort Belvoir responsibilities under Sections 106, 110 and 111 of the National Historic Preservation Act.

FORT BELVOIR, VIRGINIA

By:

for 
Gregory D. Gadson
Colonel, US Army
Commanding

Date: 8/22/2013

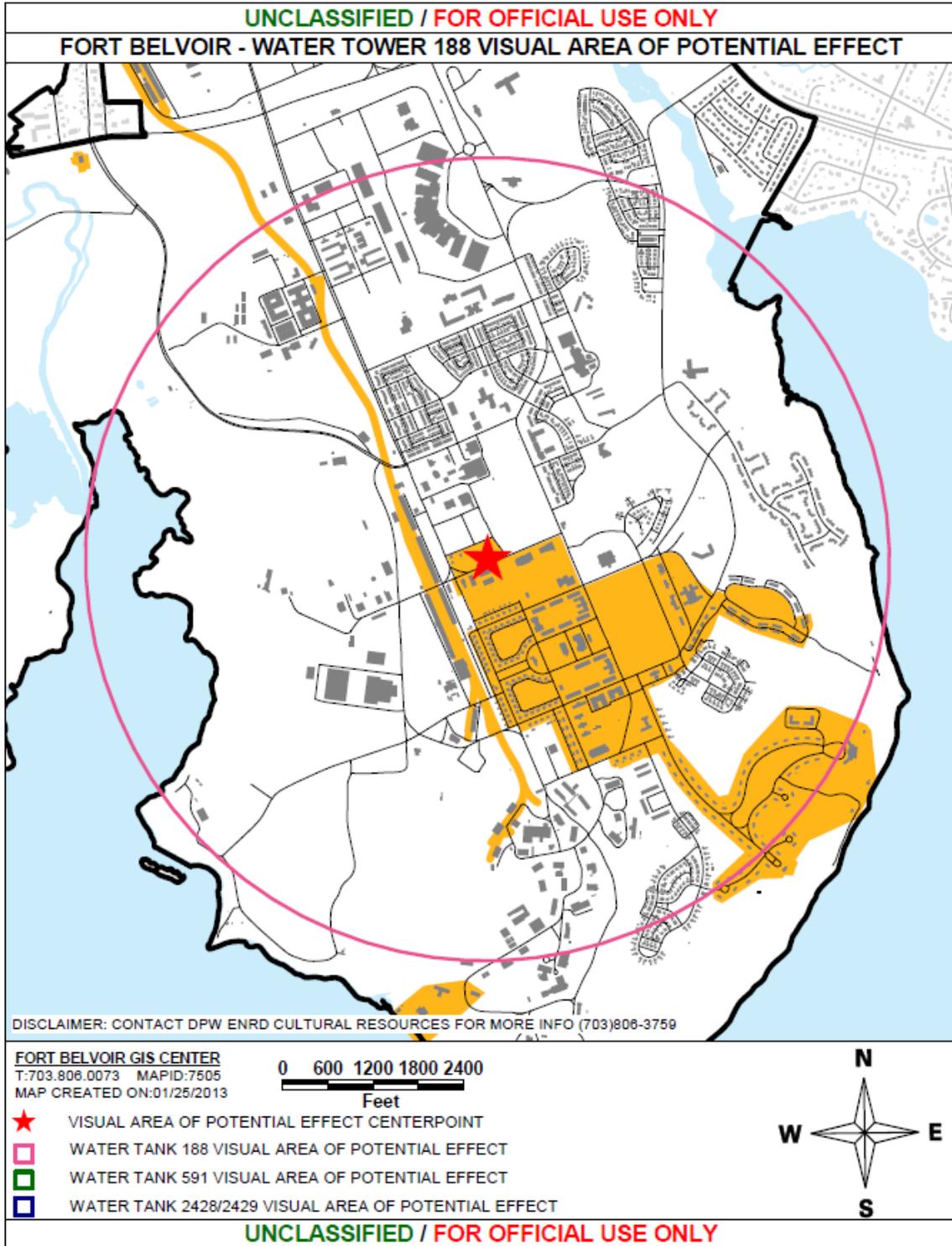
VIRGINIA STATE HISTORIC PRESERVATION OFFICER

By:


Kathleen S. Kilpatrick
Director, Department of Historic Resources

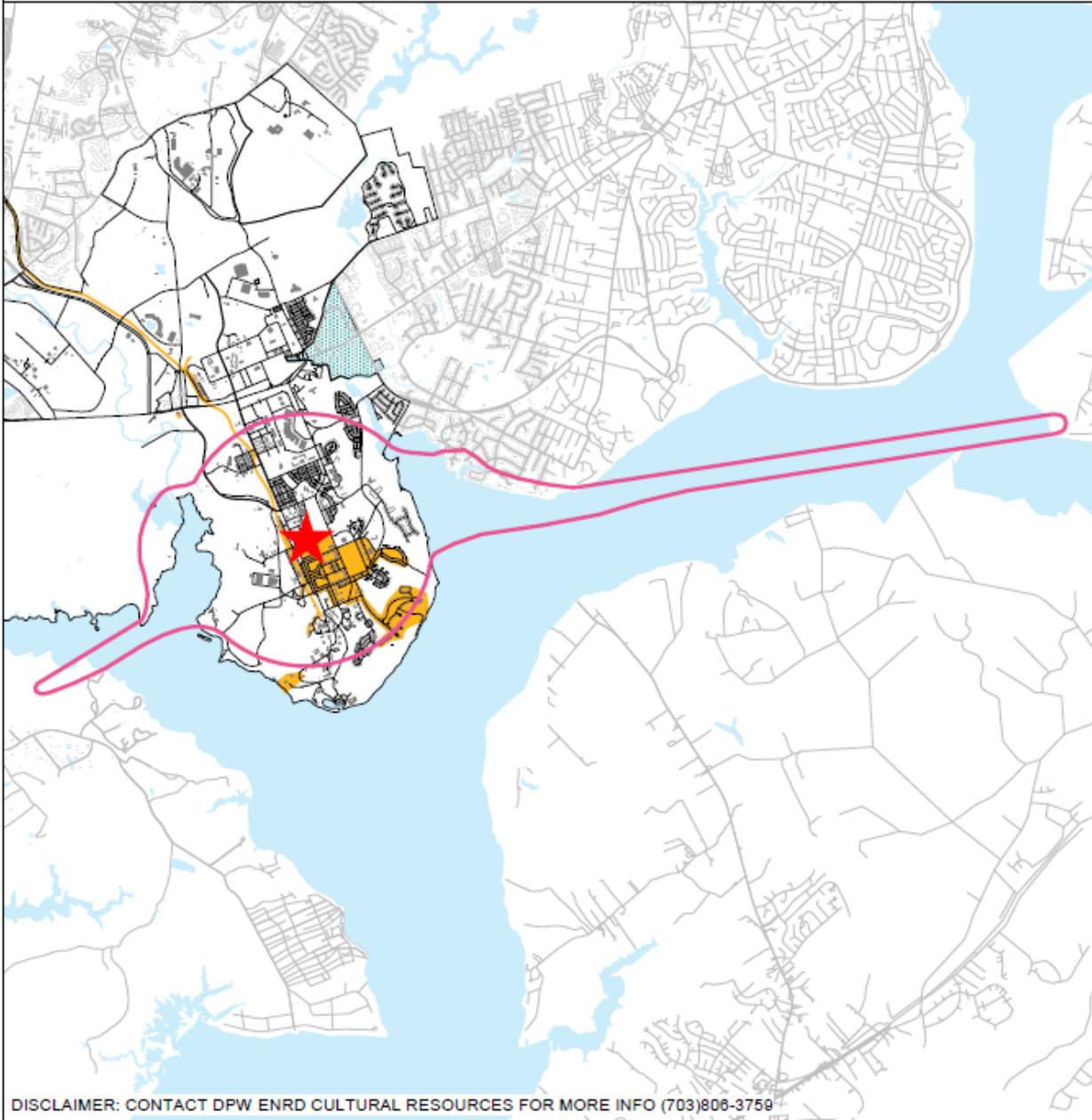
8/29/13
Date:

Attachment A
Area of Potential Effect Maps



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FORT BELVOIR - WATER TOWER 188 VISUAL AREA OF POTENTIAL EFFECT



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FORT BELVOIR GIS CENTER
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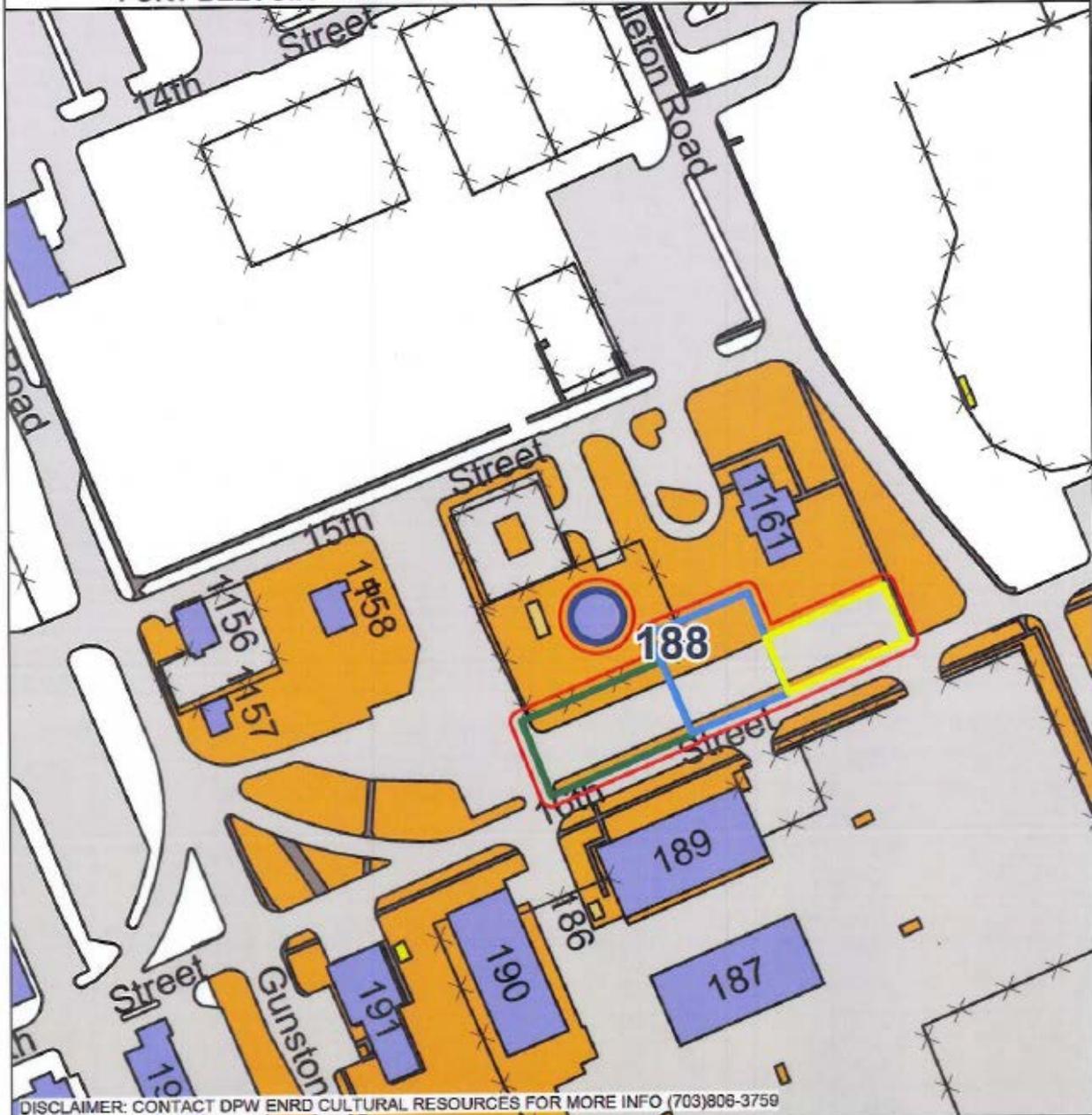
- ★ VISUAL AREA OF POTENTIAL EFFECT CENTERPOINT
- WATER TANK 188 VISUAL AREA OF POTENTIAL EFFECT
- WATER TANK 591 VISUAL AREA OF POTENTIAL EFFECT
- WATER TANK 2428/2429 VISUAL AREA OF POTENTIAL EFFECT



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FORT BELVOIR - WATER TOWER 188 AREA OF POTENTIAL EFFECT



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PROPOSED AREAS

-  LAYDOWN AREA
-  TANK AREA
-  CRANE AREA
-  AREA OF POTENTIAL EFFECT

-  WATER TANK
-  RESTRICTED SITE (INELIGIBLE)
-  HISTORIC STRUCTURE
-  RESTRICTED SITE (ELIGIBLE / FURTHER RESEARCH)
-  HISTORIC DISTRICT



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FORT BELVOIR - WATER TOWER 591 VISUAL AREA OF POTENTIAL EFFECT

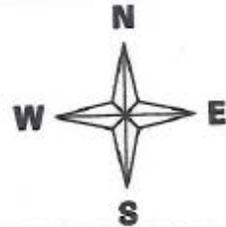


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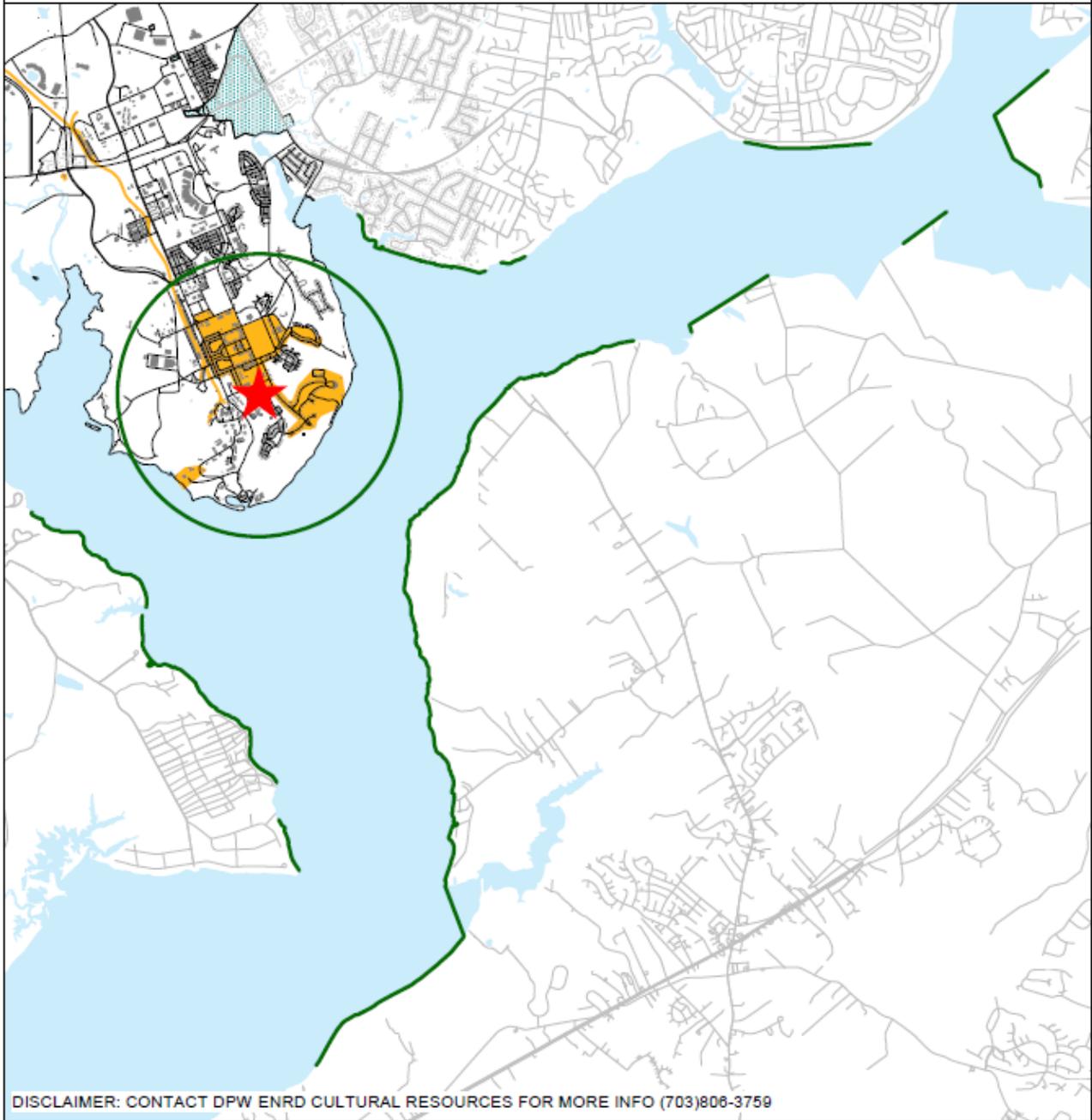
- ★ VISUAL AREA OF POTENTIAL EFFECT CENTERPOINT
- WATER TANK 591 VISUAL AREA OF POTENTIAL EFFECT
- BELVOIR HISTORIC DISTRICT



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FORT BELVOIR - WATER TOWER 591 VISUAL AREA OF POTENTIAL EFFECT



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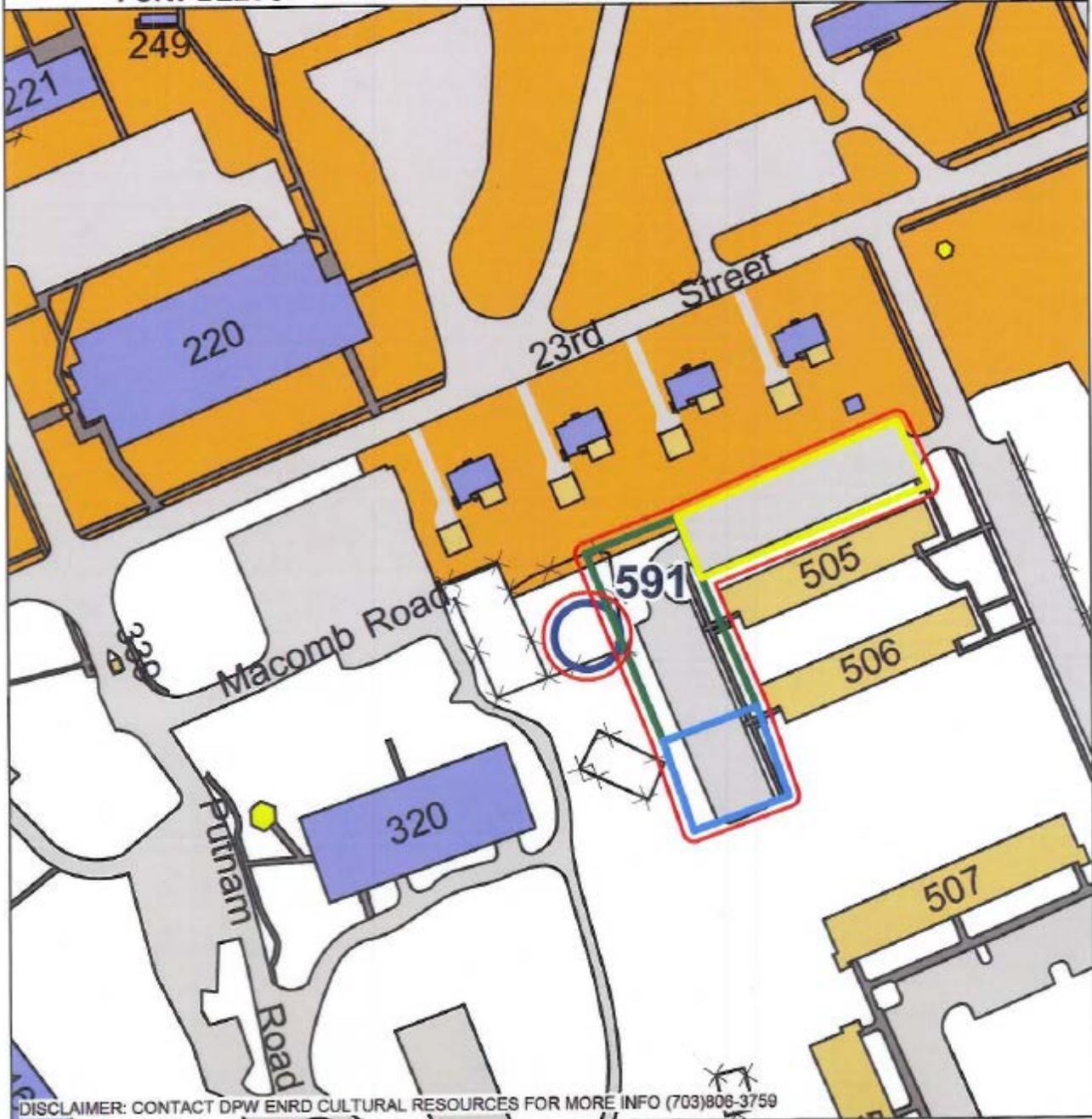
- ★ VISUAL AREA OF POTENTIAL EFFECT CENTERPOINT
- WATER TANK 188 VISUAL AREA OF POTENTIAL EFFECT
- WATER TANK 591 VISUAL AREA OF POTENTIAL EFFECT
- WATER TANK 2428/2429 VISUAL AREA OF POTENTIAL EFFECT



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FORT BELVOIR - WATER TOWER 591 AREA OF POTENTIAL EFFECT



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PROPOSED AREAS

- LAYDOWN AREA
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- CRANE AREA
- AREA OF POTENTIAL EFFECT

- WATER TANK
- RESTRICTED SITE (INELIGIBLE)
- HISTORIC STRUCTURE
- RESTRICTED SITE (ELIGIBLE / FURTHER RESEARCH)
- HISTORIC DISTRICT



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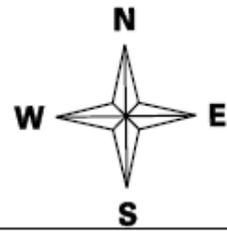
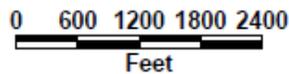
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FORT BELVOIR - WATER TOWERS 2428, 2429 VISUAL AREA OF POTENTIAL EFFECT



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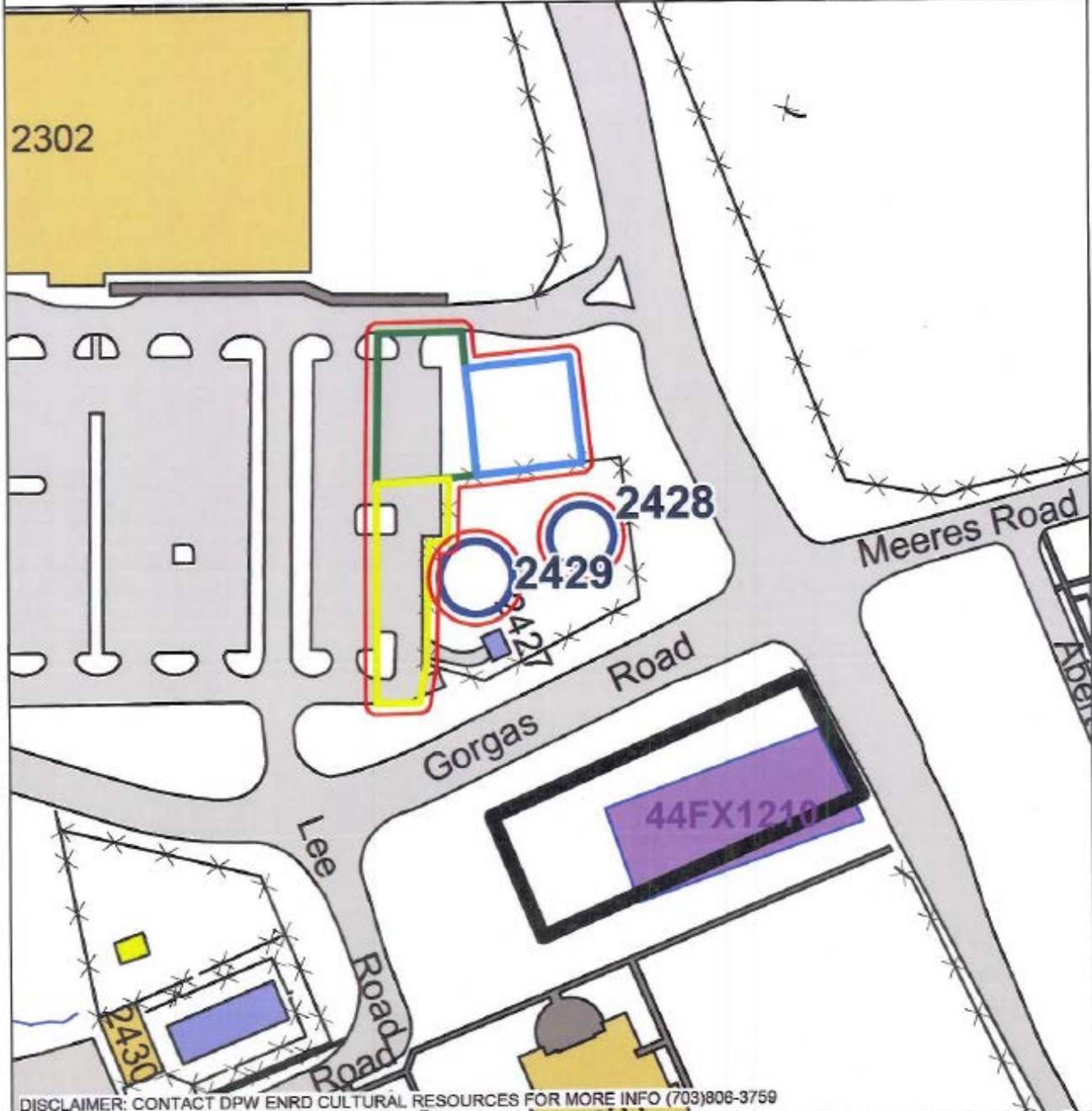


- ★ VISUAL AREA OF POTENTIAL EFFECT CENTERPOINT
- WATER TANK 188 VISUAL AREA OF POTENTIAL EFFECT
- WATER TANK 591 VISUAL AREA OF POTENTIAL EFFECT
- WATER TANK 2428/2429 VISUAL AREA OF POTENTIAL EFFECT

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FORT BELVOIR - WATER TOWERS 2428/2429 AREA OF POTENTIAL EFFECT



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MAP CREATED ON:10/04/2012



- PROPOSED AREAS**
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- RESTRICTED SITE (ELIGIBLE / FURTHER RESEARCH)
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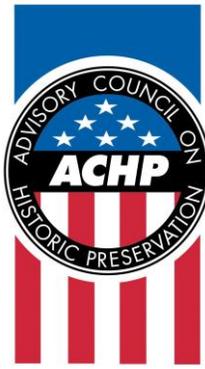


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Attachment B
Historic Panoramic Photo 1936



Attachment C
Consultation Records



Preserving America's Heritage

March 11, 2013

Mr. Gregory D. Gadson
Colonel, US Army
Commanding
US Army Installation Management Command
Headquarters, United States Army Garrison, Fort Belvoir
9820 Flagler Road, Suite 213
ATTN: Directorate of Public Works
Fort Belvoir, VA 22060-5928

**Ref: *Proposed Water Storage Tank Replacement Project at Fort Belvoir
Fairfax County, Virginia***

Dear COL Gadson:

On February 22, 2013, the Advisory Council on Historic Preservation (ACHP) received your notification and supporting documentation regarding the adverse effects of the referenced project on properties listed on and eligible for listing in the National Register of Historic Places. Based upon the information you provided, we have concluded that Appendix A, *Criteria for Council Involvement in Reviewing Individual Section 106 Cases*, of our regulations, "Protection of Historic Properties" (36 CFR Part 800), does not apply to this undertaking. Accordingly, we do not believe that our participation in the consultation to resolve adverse effects is needed. However, if we receive a request for participation from the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer, affected Indian tribe, a consulting party, or other party, we may reconsider this decision. Additionally, should circumstances change, and you determine that our participation is needed to conclude the consultation process, please notify us.

Pursuant to 36 CFR §800.6(b)(1)(iv), you will need to file the final Memorandum of Agreement (MOA), developed in consultation with the Virginia SHPO, and any other consulting parties, and related documentation with the ACHP at the conclusion of the consultation process. The filing of the MOA and supporting documentation with the ACHP is required in order to complete the requirements of Section 106 of the National Historic Preservation Act.

Thank you for providing us with the opportunity to review this undertaking. If you have any questions, please contact Ms. Katharine R. Kerr at 202-606-8534, or via email at kerr@achp.gov.

Sincerely,

Raymond V. Wallace
Historic Preservation Technician
Office of Federal Agency Programs



COMMONWEALTH of VIRGINIA

Department of Historic Resources

2801 Kensington Avenue, Richmond, Virginia 23221

Douglas W. Domenech
Secretary of Natural Resources

Kathleen S. Kilpatrick
Director

Tel: (804) 367-2323
Fax: (804) 367-2391
TDD: (804) 367-2386
www.dhr.virginia.gov

18 March 2013

Mr. Bill Sanders
Director of Installation Support
Department of the Army
U.S. Army Garrison, Fort Belvoir
Directorate of Installation Support
9430 Jackson Loop, Suite 107
Fort Belvoir, Virginia 22060-5130

Re: Water Storage Tank Replacement Project
Ft. Belvoir, Virginia
DHR File No. 2013-0255

Dear Mr. Sanders:

The Department of Historic Resources (DHR) has received the above referenced project for our review and comment. It is our understanding that Fort Belvoir proposes to replace four water storage tanks (WSTs 188, 591, 2428, and 2429) with the construction of three new 1 million-gallon water storage tanks adjacent to the existing facilities. The undertaking will also involve the demolition of the existing four water storage tanks.

Water Storage Tank (WST) 188 was constructed in 1918 and contributes to the Fort Belvoir Historic District, which is eligible for listing in the National Register of Historic Places (NRHP). The remaining WSTs, 591, 2428, and 2429, were constructed in 1957, 1948, and 1948, respectively, and are not located within the boundary of the Fort Belvoir Historic District and are not eligible for listing in the NRHP. Accompanying the project view packet submitted by Fort Belvoir was a draft Memorandum of Agreement (MOA) for the anticipated Adverse Effect that the removal of WST 188 would have to the historic district.

The DHR agrees that demolishing WST 188, a rare structure from the earliest history of Fort Belvoir when it was still called Camp Humphreys, would constitute an adverse effect. However, before we concur with Fort Belvoir's effect determination and enter into negotiations over an MOA, the DHR wants to ask Fort Belvoir to consider retaining WST 188 as a non-functioning

Administrative Services
10 Courthouse Ave.
Petersburg, VA 23803
Tel: (804) 862-6416
Fax: (804) 862-6196

Capital Region Office
2801 Kensington Ave.
Richmond, VA 23221
Tel: (804) 367-2323
Fax: (804) 367-2391

Tidewater Region Office
14415 Old Courthouse Way
2nd Floor
Newport News, VA 23608
Tel: (757) 886-2807
Fax: (757) 886-2808

Western Region Office
962 Kime Lane
Salem, VA 24153
Tel: (540) 387-5443
Fax: (540) 387-5446

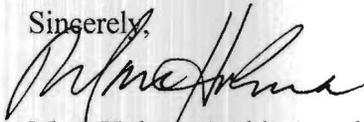
Northern Region Office
5357 Main Street
P.O. Box 519
Stephens City, VA 22655
Tel: (540) 868-7029
Fax: (540) 868-7033

Page 2
18 March 2013
Mr. Bill Sanders

water tower. Due to its rarity as an early vestige of Camp Humphreys we believe it important to explore all possibilities that will retain WST 188. We have no objection to demolition of WSTs 591, 2428, and 2429.

If you have any questions about our comments, please call me at (804) 482-6090.

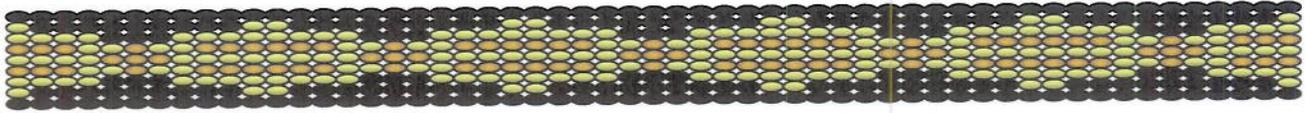
Sincerely,

A handwritten signature in black ink, appearing to read "Marc Holma". The signature is fluid and cursive, with a large initial "M" and "H".

Marc Holma, Architectural Historian
Office of Review and Compliance

Catawba Indian Nation
Tribal Historic Preservation Office
1536 Tom Steven Road
Rock Hill, South Carolina 29730

Office 803-328-2427
Fax 803-328-5791



March 16, 2013

Attention: Bill Sanders
Department of the Army
9820 Flagler Road, Suite 213
Fort Belvoir, Virginia 22060-5928

Re. THPO #	TCNS #	Project Description
2013-253-6		Water Storage Tank Replacement Project, Ft. Belvoir, VA

Dear Mr. Sanders,

The Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites or Native American archaeological sites within the boundaries of the proposed project areas. **However, the Catawba are to be notified if Native American artifacts and / or human remains are located during the ground disturbance phase of this project.**

If you have questions please contact Caitlin Totherow at 803-328-2427 ext. 226, or e-mail caitlinh@ccppcrafts.com.

Sincerely,

A handwritten signature in cursive script, appearing to read "Caitlin Totherow".

Wenonah G. Haire
Tribal Historic Preservation Officer

Daniel, Christopher A CTR (US)

From: Amanda Apple [aapple@mdp.state.md.us]
Sent: Wednesday, March 20, 2013 9:44 AM
To: christopher.daniel9@us.army.mil
Subject: Water Storage Tank Replacement Project

Hello Christopher,

The Maryland Historical Trust (Trust), the State's Historic Preservation Office, received notice of the above-referenced undertaking on February 22, 2013. We have reviewed the project information in accordance with Section 106 of the National Historic Preservation Act and we are writing to provide our comments regarding potential effects on historic properties. Based upon our review of the submitted information, we have determined that the construction of new water towers on Fort Belvoir will have no adverse effect, as they are currently designed, on Maryland resources. To save time the MD SHPO will defer to the VA SHPO to continue the consultation with the Army for this undertaking as it will have a greater effect on the Virginia resources.

Sincerely,
Amanda R. Apple
Preservation Officer
Maryland Historical Trust
100 Community Place
Crownsville, MD 21032
www.mht.maryland.gov
410-514-7630 (phone)
410-987-4071 (fax)

Please consider the environment before printing this email

Daniel, Christopher A CTR (US)

From: Blank, Linda C. [Linda.Blank@fairfaxcounty.gov]
Sent: Thursday, April 04, 2013 3:12 PM
To: Daniel, Christopher A CTR (US)
Cc: 'Holma, Marc (DHR) (Marc.Holma@dhr.virginia.gov)'
Subject: RE: Sec 106 consultation Water Storage Tank Replacement

Chris:

As stated below, Draft MOA, Page 3: Third WHEREAS. Fairfax County will response by email as to whether or not it elects to participate as a Concurring Party.

Following discussion with the Marianne Gardner, Planning Division Director, Fairfax County elects NOT to participate as a Concurring Party for Sec 106 consultation Water Storage Tank Replacement.

Thank you for the opportunity to provide initial comment and participate in the conference call.

I would be interested to know the final resolution regarding WST 188 and if an alternative to demolition is viable.

Thank you, Linda

Linda Cornish Blank

Historic Preservation Planner

Fairfax County Dept. of Planning & Zoning

Linda.blank@fairfaxcounty.gov <<mailto:Linda.blank@fairfaxcounty.gov>>

703 324-1241

From: Blank, Linda C.
Sent: Wednesday, March 20, 2013 11:22 AM
To: 'Daniel, Christopher A CTR (US) (christopher.a.daniel11.ctr@mail.mil)'
Cc: 'Holma, Marc (DHR) (Marc.Holma@dhr.virginia.gov)'
Subject: Sec 106 consultation Water Storage Tank Replacement

Chris:

I am responding to the February 20, 2013 letter and project materials from Colonel Gregory D. Gadson regarding the Section 106 consultation for the Water Storage Tank Replacement at Fort Belvoir. Thank you for the opportunity to provide comment on this undertaking.

Comments:

- Proposed APEs: Concur
- Identified historic properties: Concur

- General question: On page 2 of Col. Gadson's letter it states that "Once the new tanks are constructed and in service, the existing WSTs 188, 591, 2428 and 2429 will be demolished and the sites restored." Why is WST 188, the only one of these WSTs that is a contributing property to the National Register District, being demolished? Why can't it be retained after it is decommissioned and the adverse effect of demolition avoided?

- Draft MOA, Page 3: Third WHEREAS. Fairfax County will response by email as to whether or not it elects to participate as a Concurring Party. By what date is this response needed?

- Draft MOA Page 4: I B. Suggest including that one (1) digital copy of the final HAER documentation be provided to the Virginia Room of the Fairfax County Public Library.

- Draft MOA Page 4: I D. Copy of the published article to the Virginia Room of the Fairfax County Public Library—hard copy and digital copy? Suggest it be both as format of the article is not clear.

- Draft MOA Page 4: I D. and E. The article shall be published within one (1) year of execution of this Agreement. This statement is in D. and repeated in E.

Again, thank you for the opportunity to provide comment on this undertaking.

Linda Cornish Blank

Historic Preservation Planner

Fairfax County Dept. of Planning & Zoning

Linda.blank@fairfaxcounty.gov <<mailto:Linda.blank@fairfaxcounty.gov>>

703 324-1241

Daniel, Christopher A CTR (US)

From: Ross Bradford [RBradford@savingplaces.org]
Sent: Tuesday, March 05, 2013 1:46 PM
To: Daniel, Christopher A CTR (US)
Cc: Susan Hellman; Ashley Wilson; Lease, Kelly E CIV (US); Russell, Marc T CIV (US); 'Holma, Marc (DHR)'
Subject: RE: Woodlawn: Water Towers (Fort Belvoir) (UNCLASSIFIED)

Thanks, Chris, for your email. It was very helpful.

Given its location and size the National Trust doesn't have any comments on the demolition of WST 2448 or 2429 or the replacement structure.

The only other follow-up questions we have relate to the colors being used for the replacement WST and whether it will be illuminated. I assume that the color will be similar to the existing WST and that the new WST will not be illuminated.

Sincerely,
Ross

Ross M. Bradford | ASSOCIATE GENERAL COUNSEL P 202.588.6252 F 202.588.6272

NATIONAL TRUST FOR HISTORIC PRESERVATION
1785 Massachusetts Avenue NW Washington, DC 20036 www.PreservationNation.org

-----Original Message-----

From: Daniel, Christopher A CTR (US) [<mailto:christopher.a.daniel11.ctr@mail.mil>]
Sent: Tuesday, March 05, 2013 12:36 PM
To: Ross Bradford
Cc: Susan Hellman; Ashley Wilson; Lease, Kelly E CIV (US); Russell, Marc T CIV (US); 'Holma, Marc (DHR)'
Subject: RE: Woodlawn: Water Towers (Fort Belvoir) (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Ross,

Yes, I can confirm that WSTs 2428 and 2429 will be demolished immediately after the construction of the new WST is completed. The existing WSTs cannot be demolished until a replacement tank is installed and connected. The demolition of the existing WSTs is a part of the overall replacement project. The WST replacing 2428 and 2429 will be multi-column style similar to what is shown in the preliminary designs provided with the initial consultation package. The new WST will be built to the same height as WST 2428 and will be the same color. I hope this answers your questions.

Respectfully,

Christopher Daniel
Cultural Resources

-----Original Message-----

From: Ross Bradford [<mailto:RBradford@savingplaces.org>]
Sent: Monday, March 04, 2013 6:20 PM
To: Daniel, Christopher A CTR (US)
Cc: Susan Hellman; Ashley Wilson

Subject: Woodlawn: Water Towers (Fort Belvoir)

Chris,

I hope all is well with you. We received correspondence regarding the demolition and reconstruction of several water towers (WSTs) within Fort Belvoir. It appears that WSTs 2428 and 2429 are within the viewshed of the Woodlawn Historic District. Based on our review of the materials that you sent can you confirm that the WSTs 2428 and 2429 will be demolished, that one new WST will replace these two WSTs, that the new WST will be the multi-column style and will be of the same height as the existing WST 2428?

Thank you!

Ross M. Bradford | ASSOCIATE GENERAL COUNSEL

P 202.588.6252 F 202.588.6272

NATIONAL TRUST FOR HISTORIC PRESERVATION

1785 Massachusetts Avenue NW Washington, DC 20036

www.PreservationNation.org

<http://www.savingplaces.org/LOGO_email.png>

Classification: UNCLASSIFIED

Caveats: NONE



DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT BELVOIR
9820 FLAGLER ROAD, SUITE 213
FORT BELVOIR, VIRGINIA 22060-5928

REPLY TO
ATTENTION OF

AUG 21 2013

Directorate of Public Works

SUBJECT: Section 106 Consultation, American Water Elevated Water Storage Tank Replacement Project, Memorandum of Agreement (MOA), VDHR File #: 2013-0255

Mr. Marc Holma
Architectural Historian
Department of Historic Resources
2801 Kensington Avenue
Richmond, Virginia 23221

Dear Mr. Holma:

Enclosed is the final *Memorandum of Agreement (MOA)* between US Army Garrison, Fort Belvoir, Virginia and the Virginia State Historic Preservation Officer to *Mitigate Adverse Effects of the Water Storage Tank Replacement Project, Fort Belvoir, Virginia*. This MOA was developed in consultation with your office and other consulting parties for the purpose of mitigating the adverse effects caused by the demolition and replacement of elevated Water Storage Tanks 188, 591, 2428 and 2429.

Please review the enclosed MOA and return a signed copy to Bill Sanders, Director of Public Works, 9430 Jackson Loop, Suite 100, Fort Belvoir Virginia 22060-5116.

Point of contact is Bill Sanders, Director of Public Works, at 703-806-3017.

Sincerely,


Gregory D. Gadson
Colonel, US Army
Commanding

Enclosure

“LEADERS IN EXCELLENCE”



COMMONWEALTH of VIRGINIA

Department of Historic Resources
2801 Kensington Avenue, Richmond, Virginia 23221

Douglas W. Domenech
Secretary of Natural Resources

Kathleen S. Kilpatrick
Director

Tel: (804) 367-2323
Fax: (804) 367-2391
TDD: (804) 367-2386
www.dhr.virginia.gov

29 August 2013

Mr. Bill Sanders
Director of Installation Support
Department of the Army
U.S. Army Garrison, Fort Belvoir
Directorate of Installation Support
9430 Jackson Loop, Suite 107
Fort Belvoir, Virginia 22060-5130

Re: Memorandum of Agreement for Water Storage Tank Replacement Project
Ft. Belvoir, Virginia
DHR File No. 2013-0255

Dear Mr. Sanders:

Enclosed please find the signed Memorandum of Agreement for the above referenced project. Forward the original to the Advisory Council on Historic Preservation and retain a copy for your records.

If you have any questions please call me at (804) 482-6090.

Sincerely,

Marc Holma, Architectural Historian
Office of Review and Compliance

Administrative Services
10 Courthouse Ave.
Petersburg, VA 23803
Tel: (804) 862-6416
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Tel: (540) 868-7029
Fax: (540) 868-7033

