

# A Status Report to Congress The Renovation of the Pentagon



Prepared by  
The Office of the Secretary of Defense

March 1, 2006



# ANNUAL STATUS REPORT TO CONGRESS



**March 1, 2006**

**16th Edition**

This report is provided to Congress in compliance with Title 10, United States Code, section 2674. The Secretary of Defense is required to submit an annual report on the status of the renovation of the Pentagon Reservation.

This is the sixteenth annual report on the Renovation of the Pentagon under 10 USC 2674. The report covers CY 2005. In addition, information is included on several related projects that support the overall objectives of the Pentagon Reservation's operations and maintenance.



## MESSAGE FROM THE DIRECTOR



The Pentagon Renovation and Construction Program Office (PENREN) supports the Secretary of Defense, Departmental Leadership and other customers in accomplishing its core mission of providing the Pentagon Reservation with optimum Facilities and Information Technology through renovation, construction, and modernization. The program manages the modernization of the Pentagon's Wedges 1-5 through design-build renovation. It is a project that encompasses six and a half million square feet.




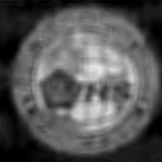
Kenneth A. Catlow, Director

Since September 2001, the Pentagon renovation has been operating on an accelerated schedule. The project's completion date is October 2011, over three years earlier than originally planned. In the past several years, PENREN has achieved significant successes. Major projects such as the Metro Entrance Facility (2002), Pentagon Athletic Center (2004) and the Remote Delivery Facility (2005) have earned a respected Leadership in Energy and Environmental Design certification from the U.S. Green Building Council. PENREN has built three of the six Department of Defense-wide LEED™ certified facilities. LEED™ certification serves as an industry-wide recognition among building professionals. This designation signifies PENREN's commitment to high performance construction and renovation practices. Moreover, Pentagon tenants benefit from sustainable design because it enhances both indoor environmental quality and external environmental effects. Furthermore, sustainable building standards help to create a facility that is functional, durable, maintainable, flexible and safe.

In 2005, PENREN's renovation efforts were primarily focused on construction activities for Wedge 2. The space totaled 1.4 million square feet and was completed in December. The completion of Wedge 2 signals the halfway point to accomplishing the program's 2011 completion date for Pentagon Renovation projects. Currently, demolition and abatement is ongoing for the first half of Wedge 3. Another significant achievement for the year is the successful completion of the Command Communications Survivability Program. Looking ahead, 2006 major milestones will include completion of the Pentagon Library and Conference Center and groundbreaking for the Pentagon Memorial.

The Pentagon Renovation and Construction Program Office has continued to provide optimum services and remains committed to completing projects on cost and on schedule. The program's successes with effective customer service, sustainable construction and delivering a quality product demonstrates the program's commitment to providing modern, efficient and flexible renovated spaces for the Department of Defense.

  
Kenneth A. Catlow, P.E.



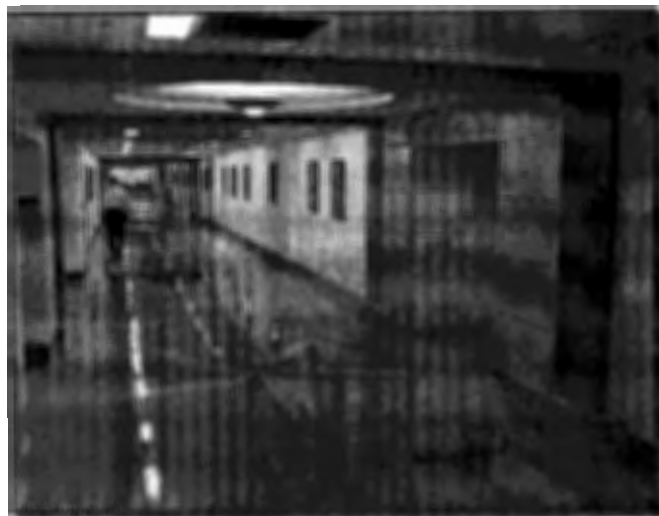
# EXECUTIVE SUMMARY



## I. PROGRAM OVERVIEW

Prior to the renovation of Wedge 1, the Pentagon, which was designated a National Historic Landmark in 1992, had never undergone a major renovation. After more than 60 years, renovation is essential in order to meet current health, fire and life-safety codes, and to provide reliable electrical, air-conditioning and ventilating services.

Renovation is essential to the continued operation of the Pentagon. The passage of time and the cumulative effect of decades of deferred maintenance have left this historic structure in an advanced state of deterioration. The extent of the decay, against a background of steadily increasing operations and maintenance costs, precludes anything less than a total, slab-to-slab renovation.



In Wedge 2, a blue terrazzo star and adjacent wall indicate their fourth floor location.

The Pentagon Renovation & Construction Program Office's (PENREN's) activities began with the Pentagon Heating and Refrigeration Plant in 1993. The completion date for the renovation of Wedges 2-5 was 2014. However, the events of September 11, 2001, made apparent a more immediate need to complete the building's life-safety and security enhancements. Congress appropriated additional funding to accelerate the renovation schedule. Subsequently, PENREN will complete all renovations 36 to 48 months ahead of the original schedule.

Congress provided for the transfer of \$300 million in Fiscal Year 2002 to the Pentagon Reservation Maintenance Revolving Fund (Sec. 305(b), P.L. 107-117, Jan 10, 2002) to finance the accelerated Pentagon renovation and to make command centers more secure.

PENREN faces complications in completely overhauling the Pentagon, including the presence of asbestos and other hazardous materials, as well as the need to work around more than 20,000 people who cannot afford interruptions in their daily operations.

The Pentagon's technology infrastructure is no less in need of modernization, a task that rivals the construction effort in size and complexity. The Pentagon was designed prior to the advent of computers. The integration of Information Technology within the Pentagon has necessarily been ad hoc. Advances in technology demanded frequent replacements of IT systems. Subsequently, new systems were frequently installed immediately adjacent to, or over the top of, existing systems, which were frequently abandoned in place. This process, repeated many times, created an incomprehensible tangled mix of multiple wiring systems, many of them abandoned and all of them unmarked.



# EXECUTIVE SUMMARY



The confusion is not limited to cabling. Computer networks were initially installed by individual tenant agencies. This patchwork infrastructure has proven difficult and expensive to maintain. The focus of the Pentagon Information Technology modernization program is to replace multiple existing systems with a single, centrally designed and managed, secure network for all Pentagon tenants. This effort is being conducted concurrently with the brick-and-mortar renovation under a separate contract.

## **II. RENOVATION STATUS UPDATE**

With the completion of Wedge 2 PENREN passed the halfway point in the program. All of the renovation accomplished in 2005 is described in detail in the Renovation Status Update section. The renovation of Wedge 2 was rephased, due to the necessity of accelerating construction, the damage sustained during the September 11, 2001, terrorist attack, and the need for office space to continue the planning and execution of the global war on terrorism. Today, construction is completed and nearly all of the tenants have moved back into renovated Wedge 2 office spaces.

## **III. ADDITIONAL EFFORTS**

These projects are a combination of new construction and improvements that support the Pentagon Reservation.

December 31, 2005, marked the successful completion of the Command Communications Survivability Program (CCSP). The CCSP project was a complex program representing a key milestone towards achieving DoD's transformation initiative. The program has implemented a survivable, secure, available, flexible and manageable Pentagon Enterprise Architecture that supports voice, data and mainframe services.

PENREN is also the construction agent for the Pentagon Memorial Project, a joint effort among various organizations united to construct a memorial commemorating the 184 lives lost at the Pentagon on September 11, 2001.

Other ongoing projects include the new Pentagon Library & Conference Center (PLC2), which is located on the former site of the Pentagon Athletic Club, and several smaller efforts, referred to as Ancillary Projects.

## **IV. APPENDICES**

A timeline of projects completed prior to the scope of this report is included in this report. As required by the National Defense Authorization Act for FY 2000, Section 2881, a description of the use of the Navy Annex property is also included.



# PROGRAM STATUS UPDATE



## RENOVATION STATUS

Four and a half million square feet of space will be modernized in the design-build renovation of Wedges 2-5. This project includes removal of all hazardous building materials, replacement of all building systems, addition of new elevators and escalators to improve vertical circulation, and installation of new security and telecommunications systems. Renovated spaces will be modern, efficient and flexible. The Short-Interval Production Schedule (SIPS) used by PENREN during the renovation of Wedges 2-5 continues to keep the project on schedule. In December 2005, completion of Wedge 2 involved coordination of 4,347 tenant moves. The successful move of Pentagon senior executives in November was a significant achievement of the program's relocation efforts. Following the phased construction approach, demolition and abatement of the first half of Wedge 3 began on June 15, 2005.

WEDGES 1-5 STATUS
Wedge 1&2 - Complete
Wedge 3 - Demolition
Wedge 4 - Design
Wedge 5 - Pre-design

Wedge 2 was completed in December 2005. Most of the assignable space is now reoccupied by tenants. The momentous undertaking of renovating Wedge 2 required 5,500 cubic yards of concrete, 175,230 sheets of drywall and 1,000,000 pounds of duct work. Wedge 2 has 1,309,000 gross square feet over five floors. Approximately 916,000 square feet of space is assignable to Agencies, DoD Concessions Committee and government IT functions. In addition, Wedge 2 has eleven new passenger elevators and an escalator connecting all five floors at the apex of Corridor 5 and 6. Wedge 2 was renovated to include many design features which enhance the functionality of the space. It is equipped with a number of specialized spaces including a multi-media enhanced conference room, senior leadership executive dining rooms and briefing rooms.

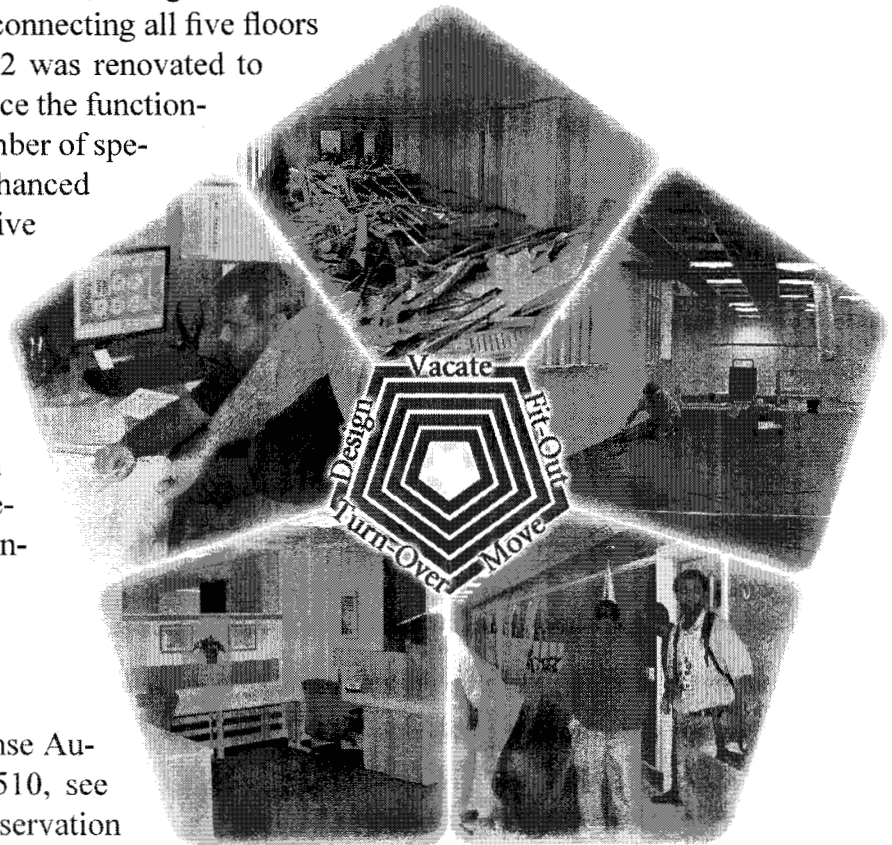
## RENOVATION SCHEDULE

The estimated completion date for renovation of the Pentagon is 2011 for the full scope of renovation activities. Pentagon renovation includes tenant move-out, demolition and abatement, core and shell construction, and tenant fit-out.

## RENOVATION BUDGET

### Source of Funds

Section 2804 of the Department of Defense Authorization Act, 1991 (Public Law 101-510, see Appendix) established the Pentagon Reservation Maintenance Revolving Fund (PRMRF). This act



PENREN Renovation Process - Design, Vacant, Fit-Out, Move and Turn-Over.



## PROGRAM STATUS UPDATE



transferred responsibility for the operation, maintenance, protection, repair and renovation of the Pentagon Reservation from the General Services Administration to the Secretary of Defense. This revolving fund is the funding source for the Pentagon Renovation Project. In addition, the fund finances a full range of building services for Department of Defense components, including the military departments and other activities housed within the Pentagon Reservation.

The renovation was designed to be budget-neutral for the Department of Defense, in that the Department could operate, maintain, protect and renovate the Pentagon using the rent that the Department would have paid to the General Services Administration over a 12 to 14-year period.

Accordingly, the PRMRF was designed to operate on a break-even basis over the long term. Revenue for the revolving fund may be generated from various sources; however, the fund depends primarily upon monies collected from a user charge. This charge is paid by Department of Defense components and other tenants using Pentagon Reservation facilities or land, based on a rate per square foot. The rate is established to recover the cost of day-to-day operations, maintenance, protection of reservation facilities and personnel, and essential capital improvements, including all costs associated with the Pentagon Renovation Program.

### **Certification of Costs**

Section 8055 of the FY 2005 Defense Appropriations Act (Public Law 108-287) requires that the Department of Defense certify that the total cost for the planning, design, construction and installation of equipment for the renovation of Wedges 2-5 cumulatively will not exceed four times the total cost for the planning, design, construction and installation of equipment for the renovation of Wedge 1. The cost of the renovation of Wedge 1 shall be adjusted for any increase or decrease in costs attributable to inflation.

In accordance with the referenced Appropriations Act, the calculation of cost limitation and the cost of each wedge does not include any cost incurred for repair and reconstruction as a result of the terrorist attack on September 11, 2001, nor costs attributable to additional security requirements deemed essential by the Secretary of Defense, nor costs attributable to compliance with new requirements of federal, state or local laws.

Extensive internal management controls are in place to ensure accurate tracking and monitoring of costs associated with the certification ceiling and to segregate costs of ancillary projects.

Consistent with the cost estimates prepared for projects in the Military Construction Program, this limitation does not include the cost of: 1) purchase and installation of Information Management and Telecommunications equipment, 2) rental and operation of swing space, 3) purchase and installation of furniture for the renovated Pentagon, and 4) separately authorized ancillary projects and security enhancements directed prior to the terrorist attacks.



## ADDITIONAL EFFORTS



### **PENTAGON MEMORIAL PROJECT**

PENREN is the construction agent for the Pentagon Memorial Project, a joint effort by various organizations united to construct a memorial commemorating the 184 lives lost in the September 11, 2001, terrorist attack on the Pentagon.

The contract to construct the Memorial Park was awarded on August 15, 2003. Extensive research and development ensued to finalize the park design and memorial unit, the major element of the park. One memorial unit will be dedicated to each victim of the terrorist attack.

Site preparation is scheduled to begin in May 2006. Site preparation involves both excavation for the Memorial Park and relocating utilities that currently service the Pentagon and other sites. Site preparation and utility relocation is scheduled to be complete in early 2007. Construction of the Memorial Park will start thereafter with an estimated Fall 2008 completion date. Family members are kept informed of progress throughout the project design and construction process.

#### **Key Facts and Milestones**

Pentagon Memorial Park and Gateway

Total Size: Approximately 2 acres

Main Feature of the Park: 184 individual Memorial Units

Projected Completion: Fall, 2008



Rendering of the Pentagon Memorial.





## ADDITIONAL EFFORTS



### **PENTAGON LIBRARY & CONFERENCE CENTER (PLC2)**

PENREN is providing Construction Management for the conversion of the old Pentagon Officer's Athletic Center into the Pentagon Library and Conference Center (PLC2). The PLC2 will expand the Pentagon's current capacity to hold large meetings and conferences. After completion, the PLC2 will feature a total of 14 conference rooms and a multi-purpose room with a stage and audio-visual support. These rooms will support a variety of events, including conferences and teleconferences, performances, banquets, training, and lectures. The facility will also provide in-house catering for conferences and offer a new cafe with seating in an atrium area brightened by skylights. The facility will reduce the Department's dependence on costly and inconvenient meeting room rentals.

The design-build contract for the Pentagon Library & Conference Center was awarded in July 2004. Currently, construction is underway and will be completed in July 2006.

#### **Key Facts and Milestones**

Facility will have 14 conference rooms and 1 multipurpose room

Built in former location of Pentagon Officer's Athletic Center

Building area: 120,000 square foot

Projected Completion: Summer 2006



Rendering of the PLC2 Grand Hall.



# APPENDIX



## TIMELINE

### 1996

November North Parking Pedestrian Ramp

### 1997

January River Terrace Handicapped Access

February Sewage Lift Station

June Center Courtyard Utility Tunnel

August Classified Waste Incinerator

September Heating and Refrigeration Plant

October River Terrace Vehicle Bridge

### 1998

May Corridor 8 Entrance Renovation

August River Terrace Renovation

### 1999

June Renovation and Furnishing of Swing Space Facilities

September Mug Handle Infill

October Basement Segment 2A2

### 2000

March Basement/Mezzanine Segment 1

March DiLorenzo TRICARE Health Clinic

August Remote Delivery Facility Phase 1

September Replacement of Underground Water Lines

October Basement 3A Demolition and Abatement

December Remote Delivery Facility Phase 2

### 2001

January Heliport and Fire Station Control Tower

February South Terrace Pedestrian Bridges

September Wedge 1

December Pentagon Transit Center



Heating and Refrigeration plant was completed in September 1997.



Remote Delivery Facility (RDF) features a roof with vegetation. In November 2005, the RDF became PENREN's third LEED™ certified construction project.



# APPENDIX



## 2002

- January Limestone Cleaning & Repointing
- April Relocation of NIMA Offices
- September Phoenix/Wedge 1 Recovery
- September RDF Power Plant
- November Metro Entrance Facility

## 2003

- January Office Build Out -- Air Force Agency
- March Remote Delivery Facility -- Final Completion
- May Joint Director of Military Support (JDOMS), Joint Chief of Staff and Air Force
- May Army Operations Center (AOC) Phase 2
- June Navy Office Build Out
- August PFFA Command Action Center (CAC)
- Build Out
- October Wedge 2, Phase 1 & 2
- October Heliport Demolition
- November OSD/PA Relocation to Corridor Bridge 3
- December CCSP Wedge 1 Core Facility
- December Wheelchair Lift at Clinic

## 2004

- March Pentagon Athletic Center
- April Highway 110 Northbound Lanes
- June Highway 110 Southbound Lanes
- July National Geospatial-Intelligence Agency (NGA) Build Out
- September DoD Auditorium
- September PFFA Command Center
- October Roads & Grounds Projects conclude
- November H&RP Intake/Outfall

## 2005

- December Communications Survivability Program
- December Senior Executive Moves
- December Wedge 2



The Metro Entrance Facility (MEF) features an energy efficient roof. In December 2002, the MEF became PENREN's first LEED™ certified renovation project.



The Pentagon Athletic Center (PAC) court used for basketball, volleyball, and badminton activities. In August 2004, the PAC became PENREN's second LEED™ certified project.



## PENTAGON RENOVATION

### **The Department of Defense Appropriations Act, FY 2005, Public Law 108–287, Section 8055 (August 5, 2004)**

#### **SEC. 8055. (a) LIMITATION ON PENTAGON RENOVATION COSTS.—**

Not later than the date each year on which the President submits to Congress the budget under section 1105 of title 31, United States Code, the Secretary of Defense shall submit to Congress a certification that the total cost for the planning, design, construction, and installation of equipment for the renovation of wedges 2 through 5 of the Pentagon Reservation, cumulatively, will not exceed four times the total cost for the planning, design, construction, and installation of equipment for the renovation of wedge 1.

**(b) ANNUAL ADJUSTMENT.—**For purposes of applying the limitation in subsection (a), the Secretary shall adjust the cost for the renovation of wedge 1 by any increase or decrease in costs attributable to economic inflation, based on the most recent economic assumptions issued by the Office of Management and Budget for use in preparation of the budget of the United States under section 1104 of title 31, United States Code.

**(c) EXCLUSION OF CERTAIN COSTS.—**For purposes of calculating the limitation in subsection (a), the total cost for wedges 2 through 5 shall not include—(1) any repair or reconstruction cost incurred as a result of the terrorist attack on the Pentagon that occurred on September 11, 2001; (2) any increase in costs for wedges 2 through 5 attributable to compliance with new requirements of Federal, State, or local laws; and (3) any increase in costs attributable to additional security requirements that the Secretary of Defense considers essential to provide a safe and secure working environment.

**(d) CERTIFICATION COST REPORTS.—**As part of the annual certification under subsection (a), the Secretary shall report the projected cost (as of the time of the certification) for—(1) the renovation of each wedge, including the amount adjusted or otherwise excluded for such wedge under the authority of paragraphs (2) and (3) of subsection (c) for the period covered by the certification; and (2) the repair and reconstruction of wedges 1 and 2 in response to the terrorist attack on the Pentagon that occurred on September 11, 2001.

**(e) DURATION OF CERTIFICATION REQUIREMENT.—**The requirement to make an annual certification under subsection (a) shall apply until the Secretary certifies to Congress that the renovation of the Pentagon Reservation is completed.



## **PENTAGON MEMORIAL**

### **FY 2002 - NATIONAL DEFENSE AUTHORIZATION ACT - Section 2864 of P.L. 107-107 (Pentagon Memorial)**

**ESTABLISHMENT OF MEMORIAL TO VICTIMS OF TERRORIST ATTACK ON PENTAGON RESERVATION AND AUTHORITY TO ACCEPT MONETARY CONTRIBUTIONS FOR MEMORIAL AND REPAIR OF PENTAGON.**

(a) Memorial Authorized.--The Secretary of Defense may establish a memorial at the Pentagon Reservation dedicated to the victims of the terrorist attack on the Pentagon that occurred on September 11, 2001. The Secretary shall use necessary amounts in the Pentagon Reservation Maintenance Revolving Fund established by section 2674(e) of title 10, United States Code, including amounts deposited in the Fund under subsection (c), to plan, design, construct, and maintain the memorial.

(b) Acceptance of Contributions.--The Secretary of Defense may accept monetary contributions made for the purpose of assisting in--

- (1) the establishment of the memorial to the victims of the terrorist attack; and
- (2) the repair of the damage caused to the Pentagon Reservation by the terrorist attack.

(c) Deposit of Contributions.--The Secretary of Defense shall deposit contributions accepted under subsection (b) in the Pentagon Reservation Maintenance Revolving Fund. The contributions shall be available for expenditure only for the purposes specified in subsection (b).



## NAVY ANNEX - FEDERAL OFFICE BUILDING 2 (FB2)

**FY 2000 - National Defense Authorization Act - P.L. 106-65  
as amended by Sec 2851 of P.L. 107-314, National Defense Authorization Act for FY 2003**

Subtitle F—Expansion of Arlington National Cemetery  
SEC. 2881. TRANSFER FROM NAVY ANNEX, ARLINGTON, VIRGINIA.

(a) **LAND TRANSFER REQUIRED-** The Secretary of Defense shall provide for the transfer to the Secretary of the Army of administrative jurisdiction over three parcels of real property consisting of approximately 36 acres and known as the Navy Annex (in this section referred to as the ‘Navy Annex property’).

(b) **USE OF LAND-** (1) Subject to paragraph (2), the Secretary of the Army shall incorporate the Navy Annex property transferred under subsection (a) into Arlington National Cemetery.

(2) The Secretary of Defense shall reserve not more than 10 acres of the Navy Annex property (of which not more than six acres may be north of the existing Columbia Pike) as a site for—

Such other memorials that the Secretary of Defense considers compatible with Arlington National Cemetery and the Air Force Memorial.

(c) **REMEDICATION OF LAND FOR CEMETERY USE-** Immediately after the transfer of administrative jurisdiction over the Navy Annex property, the Secretary of Defense shall provide for the removal of any improvements on that property and shall prepare the property for use as a part of Arlington National Cemetery.

(d) **ESTABLISHMENT OF MASTER PLAN-** (1) The Secretary of Defense shall establish a master plan for the use of the Navy Annex property transferred under subsection (a).

(2) The master plan shall take into account (A) the report submitted by the Secretary of the Army on the expansion of Arlington National Cemetery required at page 787 of the Joint Explanatory Statement of the Committee of Conference to accompany the bill H.R. 3616 of the One Hundred Fifth Congress (House Report 105-436 of the 105th Congress), and (B) the use of the acres reserved under subsection (b)(2) for a memorial or museum.

(3) The master plan shall be established in consultation with the National Capital Planning Commission and only after coordination with appropriate officials of the Commonwealth of Virginia and of the County of Arlington, Virginia, with respect to matters pertaining to real property under the jurisdiction of those officials located in or adjacent to the Navy Annex property, including assessments of the effects on transportation, infrastructure, and utilities in that county by reason of the proposed uses of the Navy Annex property under subsection (b).

(4) Not later than 180 days after the date of the Bob Stump National Defense Authorization Act for FY 2003, the Secretary of Defense shall submit to Congress the master plan established under this subsection.

(e) **IMPLEMENTATION OF MASTER PLAN-** The Secretary of Defense may implement the provisions of the master plan at any time after the Secretary submits the master plan to Congress.



## NAVY ANNEX - FEDERAL OFFICE BUILDING 2 (FB2) con't

(f) **LEGAL DESCRIPTION-** In conjunction with the development of the master plan required by subsection (d), the Secretary of Defense shall determine the exact acreage and legal description of the portion of the Navy Annex property reserved under subsection (b)(2) and of the portion transferred under subsection (a) for incorporation into Arlington National Cemetery.

(g) **REPORTS-** (1) Not later than 90 days after the date of the enactment of this Act, the Secretary of the Army shall submit to the Secretary of Defense a copy of the report to Congress on the expansion of Arlington National Cemetery required at page 787 of the Joint Explanatory Statement of the Committee of Conference to accompany the bill H.R. 3616 of the One Hundred Fifth Congress (House Report 105-736 of the 105th Congress).

(2) The Secretary of Defense shall include a description of the use of the Navy Annex property transferred under subsection (a) in the annual report to Congress under section 2674(a)(2) of title 10, United States Code, on the state of the renovation of the Pentagon Reservation.

(h) **DEADLINE-** The Secretary of Defense shall complete the transfer of administrative jurisdiction required by subsection (a) not later than

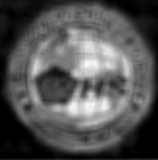
(1) January 1, 2010; or

(2) the date when the Navy Annex property is no longer required (as determined by the Secretary) for use as temporary office space due to the renovation of the Pentagon.

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Under the current schedule for the renovation of the Pentagon, the Navy Annex property and facilities will be used for temporary office space until the conclusion of the renovation program. A potential revision to the 2000 National Defense Authorization Act (NDAA), proposed for the 2007 NDAA would authorize transfer of this property in 2013 due to BRAC 2005 timing considerations. The rationale for this includes a number of factors: (1) Arlington National Cemetery plans to begin developing the property in 2014; (2) allows DOD to economically wind down occupancy of FB2 as specified by BRAC; (3) minimizes costs to lease additional space until BRAC actions and Pentagon Renovations are completed; (4) prevents multiple moves by a single agency; and (5) addresses limitations on availability of leased space complying with Antiterrorism Standards within the National Capital Region. This would not impact Arlington National Cemetery's projected need for the property in 2014 to prepare the property for burials beginning in the post 2020 time frame.

In the absence of a change to the Section 2881 of 2000 NDAA, the Secretary of Defense will assign administrative jurisdiction of the Navy Annex property to the Secretary of the Army by January 1, 2010, as stated in Section 2881. Furthermore, in accordance with Section 2851 of the 2003 NDAA, a draft FB2 Master Plan, defining the utilization of this property, was completed in June 2003. Arlington County, Virginia Department of Transportation (VDOT), and Arlington National Cemetery (ANC), have reviewed the draft Mast Plan and provided concurrence with its initial concepts. The draft was not finalized for



## **NAVY ANNEX - FEDERAL OFFICE BUILDING 2 (FB2) con't**

two main reasons: (1) Arlington County had commissioned a study to address the revitalization of the Columbia Pike Corridor; and, (2) Arlington National Cemetery was finalizing their facility master plan. Both these actions impacted final agreements to the proposed land uses defined in the draft FB2 Master Plan.

The draft FB2 Master Plan, in compliance with Section 2881 of the 2000 NDAA and Section 2851 of the 2003 NDAA, restructures this area with respect to transportation movement, access, and population; maximizes land gain by establishing contiguous property to facilitate use by Arlington National Cemetery; reconfigures the road network; enhances pedestrian paths and bicycle trails; accommodates a future bus rapid transit or light rail system coordinated through Arlington County and Washington Metropolitan Area Transit Authority (WMATA); and allows for the possible future relocation of existing Arlington National Cemetery receiving/maintenance yard to enhance land use. Relocation of this receiving/maintenance yard is proposed within an established industrial zone adjacent to Virginia Department of Transportation's (VDOT) maintenance facility. The Master Plan concepts include: (a) reserving a maximum of four acres of the property north of Columbia Pike for future memorials and museums that the Secretary of Defense may consider compatible with Arlington National Cemetery and the Air Force Memorial; (b) acquiring South Gate Road for Arlington National Cemetery; (c) realigning Columbia Pike and reconfiguring the intersection with Route 27; (d) providing a new access to Henderson Hall west of the existing FB2; and (e) complete demolition of FB2 and the Navy Exchange gas station and convenience store.

FB2's existing acreage equals 39.28 acres. The Master Plan, once implemented, will reflect a total acreage equal to approximately 45.07 acres, not including 4 acres set aside for memorials and/or museums such as the Arlington Heritage Center. Arlington County supports a proposed Arlington Heritage Center adjacent to the original Freedmen's Village site. Property exchange between Arlington County and the Department of Defense is under consideration, supports development of this Arlington Heritage Center, and enhances the land utilization gains for Arlington National Cemetery. With the removal of Joyce Street and South Gate Road, a secondary, enhanced access to Henderson Hall and the adjoining neighborhood community to the west will be provided as part of the draft FB2 Master Plan's development. The demolition of Wing 8 occurred in 2004 to accommodate the construction of the Air Force Memorial that began in 2005.





## APPENDIX



### REPORT DISTRIBUTION

Copies of the 2005 Report to Congress sent to:

#### **United States Senate**

Honorable Richard B. Cheney, President of the Senate

Honorable John Warner, Chairman, Committee on Armed Services

Honorable Carl Levin, Ranking Member, Committee on Armed Services

Honorable James M. Inhofe, Chairman, Committee on Environment and Public Works

Honorable James M. Jeffords, Ranking Member, Committee on Environment and Public Works

Honorable Thad Cochran, Chairman, Committee on Appropriations

Honorable Robert C. Byrd, Ranking Member, Committee on Appropriations

Honorable Ted Stevens, Chairman, Subcommittee on Defense, Committee on Appropriations

Honorable Daniel Inouye, Ranking Member, Subcommittee on Defense, Committee on Appropriations

#### **United States House of Representatives**

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Honorable Duncan Hunter, Chairman, Committee on Armed Services

Honorable Ike Skelton, Ranking Member, Committee on Armed Services

Honorable Don Young, Chairman, Committee on Transportation and Infrastructure

Honorable James L. Oberstar, Ranking Member, Committee on Transportation and Infrastructure

Honorable Jerry Lewis, Chairman, Committee on Appropriations

Honorable David R. Obey, Ranking Member, Committee on Appropriations

Honorable C. W. Bill Young, Chairman, Subcommittee on Defense, Committee on Appropriations

Honorable John P. Murtha, Ranking Member, Subcommittee on Defense, Committee on Appropriations

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