

The

On Cost, On Schedule, Built for the Next 50 Years...



Renovator



A Newsletter from the Pentagon Renovation & Construction Program Office

April 2010

Pentagon Renovation Planning and Design

After almost 18 years, 4,788 design meetings, a number of ancillary projects (including the Pentagon Athletic Center, Metro Entrance Facility, Center Courtyard Cafe, and the Pentagon Memorial), and 4 wedges, the Pentagon Renovation and Construction Program Office is currently at work renovating the 5th and final wedge of the Pentagon. Upon completion in 2011, four-and-one-half million square feet of space will be modernized in the design-build renovation of the building.

At the start of the Renovation Program, control of the design process over the life of the project required the development of design guidelines and criteria. This control was necessary because of the size and duration of the project, and design activities occurring throughout the project as each increment was renovated.

To keep the Pentagon operational at all times during the renovation, one-fifth of the building's 25,000 occupants have been relocated to swing space, which is temporary office space in and around the Pentagon. The vacated wedge of the building was then sealed off for demolition and abatement. The design-build team also utilized the short interval production schedule, or SIPS, to complete the renovation, bringing an assembly line approach to construction. Each wedge was divided into areas of approximately 10,000 square feet, and each individual trade was allowed five days to complete their particular task before moving on to the next 10,000 square foot area. Using the SIPS process, each of these areas takes 26 weeks to complete.

The Universal Space Plan (USP) design concept was also implemented into Wedges 2-5. Under USP, Pentagon offices are constructed as generically as possible with a very robust infrastructure, capable of meeting the requirements of any Pentagon tenant who may one day occupy that space. The Universal Space Plan can accommodate all standard DoD office configurations, using open office bays, enhanced natural lighting, "smart walls," and free-standing furniture.

On March 18, 2010, a ceremony was held in the PLC2 to recognize the various design and planning teams involved in the Pentagon renovation.





Wedge 5.1 Construction Update

- Tenant fit-out design is complete.
- The Short Interval Production Schedule is midway through (tenant space build out) and on schedule for completion at the end of July.
- Tenant tours began the first week of February 2010.



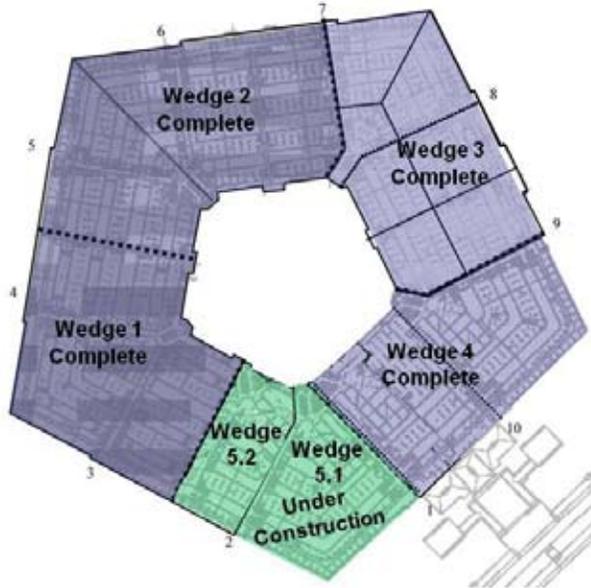
5.1, 4th Floor, D Ring



5.1, 2nd Floor, D Ring

Wedge 5.2 Construction Update

- Tenant fit-out design was complete in February 2010
- The demolition is complete.
- The Short Interval Production Schedule is on schedule to begin in April 2010



5.2, 2nd Floor, Corridor 2

Renovation Status



Wedge 1, 2, 3 – Complete
 Wedge 4 – Complete
 Wedge 5.1 – Construction; Complete Fall 2010
 Wedge 5.2 – Construction



5.2, 4th Floor, Corridor 1

THE PENTAGON RENOVATION & CONSTRUCTION PROGRAM OFFICE

100 BOUNDARY CHANNEL DRIVE, ARLINGTON, VA 22202
 703-697-4357

<http://renovation.pentagon.mil>

e-mail: renovation@army.pentagon.mil

The Renovator is an authorized publication for members of the Department of Defense. Contents of *The Renovator* are not necessarily the official views of, or endorsed by, the U.S. Government, the Department of Defense, or the Pentagon Renovation & Construction Program Office. Material from this publication may be reproduced without permission.