Imaging and Mapping Resources
For assistance with these collections and services, contact:

Bruce Obenhaus, Government Information Specialist
E-mail: obenhaus@vt.edu
Library Phone: (540) 231-1681
Newman Library Office: Room 2005

Geographic Services at Newman Library (including GIS hardware, software and services; VA Base Mapping Program)
Ed Brooks
E-mail: gisdata@vt.edu
Library Phone: (540) 231-9225
Newman Library, 2nd floor in Room 2010

Aerial Imagery - Virginia Base Mapping Program
http://www.lib.vt.edu/help/subjects/maps/vbmp_ortho.htm
On January 29, 2002, the Commonwealth contracted with VARGIS LLC. of Herndon, Virginia to produce full color, leaf-off, digital orthophotography for the entire land base of Virginia. VARGIS LLC and their subcontractors successfully captured aerial imagery for the entire state of Virginia, over 27,000 frames in 6 weeks time ending in April 2002.

Newman Library has these statewide products:

• 1:4,800 scale (2' resolution) in rural areas
• 1:2,400 scale (1' resolution) in urban and suburban areas and
• 1:1,200 scale (1/2' resolution) in areas where localities choose the option to purchase higher accuracy product.
• 1 - Meter Statewide MrSID
• Statewide Digital Terrain Models (DGN)

Architectural Plans  The Art and Architecture Library has a collection of over 400 architecture plan sets. To find out what plans are in the collection, search the Art & Architecture Drawings Database: http://www.lib.vt.edu/services/branches/artarch/aadd/search.php Please ask library staff for assistance with this collection.

Locating Images in Journals/Magazines
Avery Index to Architectural Periodicals The Avery Index is the most comprehensive index of its kind - covering architecture, landscape architecture and urban design. Avery indexes over 1,000 scholarly and professional journals from the 1870's to the present. Link to the Avery Index from the Articles/Databases link on the library website (http://www.lib.vt.edu/).

To locate photographs, drawings, maps, plans, etc., included in articles use the “Limit” option in the Avery Index and limit your search to the type of illustration you are looking for – this option is located at the bottom of your search results:

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Books: Search in Addison using these keywords for more heavily illustrated books on architecture: Architecture and pictorial works.


- **Architecture in Detail series.** Each piece in this series examines a contemporary building. Search Addison, the online library catalog for the title: Architecture in Detail to get a list of publications available in this series.

- **Cities/Buildings Image Database:** [http://www.washington.edu/ark2/](http://www.washington.edu/ark2/)


- **Planet Architecture Series.** A series of interactive CD-ROMs, each focusing on a specific architect or firm. Search Addison, the online library catalog for the title: Planet Architecture to get a list of CD-ROMs available in this series.


- **World Architecture Index: A Guide to Illustrations:** Indexes roughly 7,200 architectural works reproduced in 100(+) books covering architecture, engineering and planning. Provides citations to works containing reproductions of exterior and interior views, plans, elevations and sections. The titles of the works that are indexed are abbreviated. Consult the abbreviation key at the front of the index.


**Architectural Guidebooks:** Architectural Guidebooks may offer historical background, maps of the area, walking tour itineraries, photographs, and drawings. To locate guidebooks in Virginia Tech libraries, search ADDISON using the following subject headings:

- Architecture – Guidebooks
- Architecture – (country/state) – (city/county) – Guidebooks
- Buildings – (country/state) – (city/county) – Guidebooks
- Historic Buildings – (country/state) – Guidebooks
- Historic Sites – (country/state) – Guidebooks
- Monuments – (country/state) – Guidebooks
- City (country) – Guidebooks

**Websites, Databases & CD-ROMs**


- **American Landscape and Architectural design, 1850-1920 (Lib of Congress/Harvard Univ):** [http://memory.loc.gov/ammem/award97/mhsdhtml/aladhome.html](http://memory.loc.gov/ammem/award97/mhsdhtml/aladhome.html)

- **Emporis Research Database (VT subscribes):** Link to the complete version of Emporis from the library’s website under “Articles/Databases”. Updated weekly, this database provides data on architecture, construction, and real estate developments from all over the world. Search by company (consultancies, contractors, design firms, engineering firms, suppliers), building type, style, construction timeframe (complete, under construction, approved, proposed, demolished, visionary, on hold), exact location and address, total height, structural height, number of floors and cubical space, date of construction project, structural system, materials, etc. Contains roughly 300,000 photos of buildings.

- **Geography and Map Division, Library of Congress:** [http://memory.loc.gov/ammem/gmdhtml/gmdhome.html](http://memory.loc.gov/ammem/gmdhtml/gmdhome.html)

- **Google Image Search:** [http://www.google.com/](http://www.google.com/)


- **Historic American Buildings Survey (HABS) and the Historic American Engineering Record (HAER):** “Includes digitized images of measured drawings, black-and-white photographs, color transparencies, photo captions, data pages including written histories, and supplemental materials. The collections document achievements in architecture, engineering, and design in the United States and its territories through a comprehensive range of building types and engineering technologies including examples as diverse as the Pueblo of Acoma, houses, windmills, one-room schools, the Golden Gate Bridge, and buildings designed by Frank Lloyd Wright.” [http://lcweb2.loc.gov/ammem/collections/habs_haer/](http://lcweb2.loc.gov/ammem/collections/habs_haer/)

- **Luna Insight – VT's Digital Image Database:** Search image collections, manipulate selected images, and create image-based presentations for classroom and professional use. Individual images can also be exported for use in other presentation software, such as PowerPoint and web pages. The Insight software and digital image...
collections hosted on the Virginia Tech site are available for use by Virginia Tech students and faculty. [http://www.lib.vt.edu/services/branches/artarch/services_insight.html]


Find More Images Online
- Getty Images: [http://www.gettyimages.com/]
- Google Image Search: [http://www.google.com/]
- Image Finder (UC Berkeley): [http://sunsite.berkeley.edu/ImageFinder/]

Videos, DVD’s and CDROMs
The Art & Architecture Library has over 800 videos, DVDs and CDROMs on a wide variety of art and architecture topics.

Select "material type" VHS or DVD, for instance, in an Advanced Search in Addison.

Library Scanner
The Art & Architecture Library has a computer workstation equipped with a flatbed/slide scanner for public use. If you need instructions on how to use the scanner, please inquire at the circulation desk.

Need Help? Please consult a librarian. Heather Ball is the Art and Architecture Librarian at Virginia Tech and can be reached via email: h.ball@vt.edu, or by phone: (540) 231-9272. For more information about the Art and Architecture Library at Tech, visit the library online at: [http://www.lib.vt.edu/services/branches/artarch/](http://www.lib.vt.edu/services/branches/artarch/)