

NH FORUM

For those who shape the built environment

David Orr PhD, Dayna Baumeister PhD, and William Rawn FAIA to speak at Upcoming Events

IDID 6 Conference: April 16-17; Rawn at April 28 Chapter Meeting



The AIANH Environmental Guild and the Dartmouth Sustainability Initiative are hosting the sixth IDID Conference **April 16-17** on the Dartmouth College campus.

Lectures, panels and workshops will bring together students, architects, engineers,

interested citizens and leading thinkers in the field to explore the following four themes as they cut across scales from buildings & grounds to landscapes and communities:

- the global imperative for more sustainable design
- advances toward zero net energy design and retrofits
- lessons from biology and the importance of regenerative design
- the benefits and challenges of moving from LEED to living buildings

The keynote speaker will be **David Orr, PhD**, Paul Sears Distinguished Professor of Environmental Studies and Politics at Oberlin

College and author of *Design on the Edge* (George Link Jr. Environmental Awareness Keynote Lecture).

The Plenary speaker is **Dayna Baumeister, PhD**, co-founder of the Biomimicry Guild.

Space is running out...so register today! (Fees are very low so this is a fantastic value. HSW/SD credits available.)

On April 28 our Chapter Meeting will be at Keene State College in conjunction with the architecture program there. We'll begin at the architecture studios for an open house, followed by a reception and light dinner in the Mabel Brown room where the students' Collaborative Architecture Projects will be on display. We'll conclude with a presentation by **William Rawn FAIA** on "Effective Design Through Collaboration."

Rawn's presentation will concentrate on the design process, including how to best understand student needs and design principles for academic buildings; how to actively engage the civic context and the character of

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Published by

AIA New Hampshire

with the Granite State

Landscape Architects

and PlanNH

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NH Forum is published monthly by AIA New Hampshire, the New Hampshire Chapter of The American Institute of Architects, with the Granite State Landscape Architects.

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Articles and graphic submissions should be sent to the AIANH office by the first of the month prior to publication.

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The editors of the *NH Forum* seek to encourage a lively discussion of design and other topics of concern to designers. Opinions and proposals presented in the newsletter are those of the writers to whom they are attributed and are not a statement of official policy by AIANH, unless so stated.

Visit our Website at www.aianh.org

Perspective

Point of view from the president of AIANH



Michael Morin AIA
President 2010

This year, the state of New Hampshire's legislators, have, at the recommendation of the Architectural Licensing Board, joined other states and passed a law requiring continuing education for all architects who are licensed in New Hampshire. Following is a summary of the law and what it means to NH licensed architects.

The law, which goes into effect on April 1, 2010, requires all architects to acquire 12 continuing education units per year or 24 units for each biennial licensure period. Of the 12 CEUs, 8 need to be in the category of health safety and welfare, and 4 need to be in sustainable design. Licensed architects will have a full 24 months, beginning with their next renewal date, to complete the requirements and need to report their continuing education on the first renewal after April 1, 2012. The requirements are spelled out clearly in the rules, a copy of which can be downloaded at www.nh.gov/jt-board/arch.htm.

The law lists the types of courses that qualify for each category. The law also describes the different ways that credits can be obtained. They include attending seminars, completing college courses, teaching classes, active participation in professional or technical societies, publishing articles or text books, and self-directed learning activities. For those who are members, all credits accepted by the AIA for their continuing education program will be accepted by the state of New Hampshire. And

if you are one of the 5% of architects audited each year by the NH licensing board, one acceptable way of substantiating your course work is to submit a copy of your AIA transcript. Records of your continuing education need to be saved for at least 4 years for audit verification. A maximum of 12 credits may be carried over into the next renewal period.

Continuing Education has been a requirement of AIA membership for years. And since the AIA established this requirement, one state after another has also enacted laws requiring continuing education as a requirement for licensure as an architect. In 2010, 40 states and the District of Columbia require continuing education. The AIA web site lists these states including New Hampshire and their general requirements.

If you are a licensed architect who is also an AIA member, you are familiar with the AIA's continuing education process. Over the years, the AIA has developed their program into one that allows various resources to become approved providers. Being an approved provider allows AIA components such as AIANH, manufacturers, and other entities to offer courses that qualify for continuing education units, as long as they are generic in nature and are not sales pitches for products or services. If you are an AIA member and you participate in an approved provider's course your credits are automatically registered on a transcript the AIA

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Young Architects Forum

by Nathan Stolarz, Assoc. AIA



With the unemployment rate in the architecture profession at its highest point in decades, and with seemingly no end in sight, finding a career in architecture has become a fierce battle field. I was recently talking with a college about their experience on how tight the competition has truly become within our profession. They mentioned that recently there was a job posted for an intern architect position in a Boston architectural firm. Within four days the business manager of the firm was flooded with over 700 resumes of individuals vying for the position. With that kind of response how is it possible to stand out from the rest? Well, I believe a well-composed portfolio is the first step. So in this article I will review the essentials and offer some pointers to help create a jaw-dropping portfolio that might just help you get the job.

Designing a portfolio does take time, and you will run into many pitfalls when designing it; but don't fret, there is no need to obsess, constantly reformat, or tweak your design on every page. If you follow these simple ideas you should be on your way to creating a portfolio that's stunning, clearly organized, and easy to understand. Remember the portfolio is the graphic representation of yourself, the work you do, and the theories and design philosophies you stand for.

The first step in putting your portfolio together is documentation or archiving. Get in the habit, if you don't do it already, to constantly archive your work, whether you do it by scanning, photographing, or copying digital drawings/files. Make sure when you are saving these files that you place them in one central location. I personally like to store my archive work onto an external hard drive with backups of DVD discs, which I store in a fire safe – just in case something fails on the external hard drive. Having everything in one place allows you to build your portfolio easier and make changes simpler as your archive grows. An important principal to archiving is your file organization. Get into the habit of organizing your files by date (year, month, day) and name of the project and be specific! It will only help in the future when you're looking back for a project in your archive and when putting your

portfolio together. For those of you that know me, I am a perfectionist of file organization, so it's something I constantly preach.

Once you have managed to archive all your work, the next step is to begin to setup your portfolio. I like to start by considering a layout by sketching on a sheet of paper. I cartoon in the pages and the projects I think my portfolio should contain. This really helps you with the sense of the actual proportions of the portfolio and the direction you want it to take. Also in this process, you need to edit down the portfolio from your archive of work. Remember a portfolio is not the same as an archive. It shouldn't include every project you have ever worked on. What it should include is the very best, most engaging, and most provocative work that you have within your archive. Very often in a professional situation, if you don't capture the reviewer's imagination and interest in the first few pages of the portfolio he/she might not even make it through to the end. Remember, reviewers are going to be looking at portfolio after portfolio, so only include your best work that shows your strengths!

So now with a basic idea of what we want with the portfolio, we need to start building. I prefer to use Adobe InDesign. It's part of the Adobe Creative Suite (CS) package and has become an almost standard among graphic designers in the industry. Since it's part of the Adobe CS package it works inter-connectively with Photoshop, Illustrator and Acrobat. The program is powerful and has the ability to produce a multitude of exports, and customizing is limitless, which will help with your designs.

On to the design layout. I begin to layout some simple guidelines. I try not to overload my pages with hundreds of pictures; instead I try to use no more than three images on a page. The layouts tend to incorporate one large money shot with smaller supporting images off to the side or below. Also, not committing more than four pages to each project should be a guideline to follow. The idea of the project should come across with no more than one flip of the page. I like to choose three colors for the entire portfolio. One specific color, which

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Building Code Update

Jerry Tepe FAIA and Barbara Chalmers AIA gave an informative presentation at the March AIANH Chapter Meeting on updates to the International Building Code and NH amendments. We also took a look at the well-loved New England Center and heard about the ideas for its future.

You can find a pdf of the code presentation highlights, plus related documents at: www.aianh.org/architects_resources.asp

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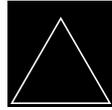


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And Now Let Us Praise Hot Architects

Hollywood can't get enough of them....

*by Ruth Stein, San Francisco Chronicle Senior Movie Writer,
Published Wednesday, August 30, 2006*



The NH Forum Editorial Board recently ended up in a conversation about architects portrayed in the movies. Doug Bencks AIA found the following article and put together the accompanying movie list for your entertainment.

Dating back to the silents, when screenwriters seek a profession to connote an artistic bent and a degree of elan, they often as not turn to architecture. Unlike a painter or poet – to which the adjective “starving” is, for good reason, attached – architects are assumed to have an earning capacity that would allow them to live large on the screen. The perception of architects as cool is evident in *There's Something About Mary*, when Matt Dillon pretends to be one in an attempt to impress Cameron Diaz.

“With architects, you have an image of someone above reproach and not damaged, the way lawyers and judges and even doctors have been,” says film historian Robert Osborne, the genial host of Turner Classic Movies. “There are very, very few professions that still have a ring of heroism about them, and architecture is one of the few that does. If an architect is portrayed going off the deep end, it's always because they are so committed to what they're doing and that's an honorable thing. And it's one of the last manly professions – you are building something outdoors.”

We see big stars playing architects, including *The Fountainhead*, starring Gary Cooper as an idealist who refuses to change a single detail on his modernist designs and – well – goes off the deep end; *The Towering Inferno*, with Paul Newman as the prideful creator of the world's tallest skyscraper, which, unfortunately, goes up in flames; and *Strangers When We Meet*, capturing Kirk Douglas in the act of building a dream house in the Los Angeles hills. Super modern for the time, 1960, the home actually was constructed during filming and is still standing.

These men are portrayed as passionate in every sense of the word. As a benefactor who falls for Howard Roark in *The Fountainhead* but fears she will never have him to herself,

Patricia Neal tells him, “I wish I had never seen your skyscraper.” Laughing, Osborne recalls her reading the line “in such a lusty way, you know she equates sexuality with his building.” Likewise, the zeal Newman and Douglas have for their work spills over into their love lives. Arriving in San Francisco for a party to inaugurate his glass monolith, Newman immediately heads for Faye Dunaway's bed. Scenes of Douglas carrying on a hot extra-marital affair with Kim Novak are juxtaposed with his house rising from the ground. And *The Belly of an Architect* opens with Brian Dennehy making torrid love on a train through Italy.

“Passion for your work does carry over to a passion in real life,” says John Powers, a practicing architect for 35 years. “I don't know of any architect who has not been passionate about life, particularly trying to figure out how to design one's own life.” The notion of them as catnip to women appears often on celluloid. Albert Finney has Audrey Hepburn and Jacqueline Bisset vying for him in *Two for the Road* – and that's before he's even made a name for himself. Richard Gere must make a tough choice between Sharon Stone and Lolita Davidovich in *Intersection*.

More recently, Keanu Reeves becomes an obsession for Sandra Bullock in *The Lake House* and Luke Wilson is Uma Thurman's object of desire in *My Super Ex-Girlfriend*. Donald MacDonald, whose architectural firm is working on the new eastern span of the Bay Bridge, remembers seeing William Holden as an architect in *The World of Suzie Wong* 45 years ago. “I was interested in seeing the world and that's what he was doing. I went ‘wow,’ he gets a beautiful woman besides.”

MacDonald thinks Hollywood is on solid ground equating sex with architecture. “When you come up with an original design, something really unique, it is almost like having sex. You get a high out of it.”

The visual aspects of the profession are another reason it appeals to screenwriters. “With an architect, you get to see plans, models, construction sites and buildings being built,” said “Click” co-writer Mark O'Keefe, explaining why he chose that occupation for Adam

Sandler. “You wouldn’t want to watch a Web-based consultant in bio-tech or a derivatives trader do whatever incomprehensible thing they do at their computers. Architecture and the act of building have a lot of metaphorical power. Building something good seems admirable in itself, beyond what it pays as work. Architecture also has a bit of the common touch, which is important for a movie hero.”

Steve Koren, who collaborated on *Click* and used to write for *Seinfeld*, added that “you can reflect a lot about a character through the choices an architect needs to make. He can be very creative, like Frank Gehry, or wildly bored because he’s being forced to build a gas station. But say you’re not even looking to get that deep with the profession. You’re just looking for a job for your leading man. ‘Architect’ has a positive spin.”

As is true with the demographics of the profession, women have begun appearing on screen as architects. Virginia Madsen plays an architect in *Firewall* and Michelle Pfeiffer is one in the romantic comedy *One Fine Day*, but their occupations are peripheral to the storylines. (In a bit of movie trivia, Pfeiffer made her screen debut 26 years ago in *Fall-*

ing in Love Again, starring Elliott Gould as a frustrated architect who hides his drawings inside his bookkeeping ledger.)

But architects aren’t always portrayed in a favorable light. Boris Karloff is a devil-worshiper in the 1934 horror classic *The Black Cat*. Holed up in a castle he built, he murders a woman and keeps her body in a glass coffin for close observation. While Woody Harrelson’s treatment of the opposite sex in *Indecent Proposal* isn’t as dastardly, he does sell his wife’s sexual favors to Robert Redford for \$1 million. In his defense, Harrelson is having a tough time making ends meet and has to resort to teaching, holding forth on legendary designer Louis Kahn.

“Architects once were portrayed as sophisticates and what has happened to them on film is that they are now seen as just ordinary folk, kind of a hack or bumbler,” says one longtime San Francisco architect.

We see this with Luke Wilson devoting far more of his time to dumping his super-woman-girlfriend than to architectural renderings. Sandler happily slashes his designs for a luxury hotel and restaurant in order to advance at his firm. Anthony LaPaglia as the title character in *The Architect*, is a builder of a dangerous complex who gets into a row with an activist living there. In *The Quiet* Martin Donovan plays a designer with a dark side. (It’s not the first time. He appeared in the 1998 *Heaven* as a compulsive boozier and gambler who practices architecture in between.) Donovan’s character sold insurance in the original draft of *The Quiet*.

“His job did not play as big a role in the storytelling as it does now,” says co-screenwriter Abdi Nazemian. “We wanted every character to have this image they portray to the world and the secret they keep to themselves, so we thought of making him an architect because architecture ultimately is about creating an exterior façade for a life.”

The Quiet depends on audiences’ positive image of the profession, an image fostered in part by movies. Nazemian just received a copy of a dating advice book written by a friend. “She has this great line – you always have to find out everything about your men, even if they seem perfect on the outside, like an architect.”

Original article: <http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2006/08/30/DDGQ8KQVGUI.DTL> ■

For a list of movies featuring architects in the story-line, see page 8!

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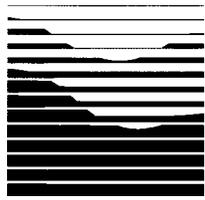
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Editor's Viewpoint

Low Impact Development Resources for NH, by Beth Dermody

In recent years, Low Impact Development (LID) has been growing in popularity as a design directive. Looking at site design with LID in mind has become essential for managing storm water and keeping a project "Green." Raingardens, tree filters, porous asphalt and permeable pavers, sand filter and gravel wetlands, drywell and leaching catchbasins, and green roofs are all methods to minimize runoff from a site and filter water effectively. Landscape architects can play a special role in using LID to enhance the beauty of a site.

Back in the fall I attended the NH Joint Water and Watershed Conference at the Grappone Center in Concord, NH. This is a great conference for Landscape Architects and other professionals looking to learn about LID for treating storm water. There were many examples of rain gardens being incorporated in residential and commercial developments in NH. One resource that was highly recommended was the *Vermont Rain Garden Manual*. This manual, developed by UVM Extension, not only gives step by step tips for creating curb cut raingardens, but also provides cold hardy plant lists for our planting zone.

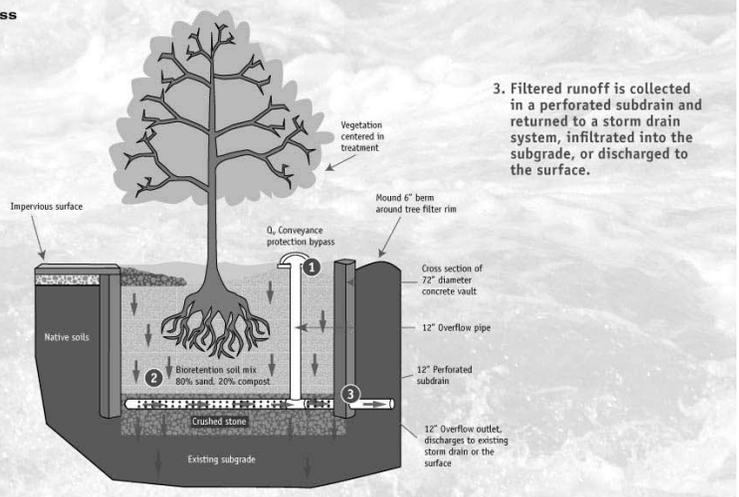
If you think treating parkinglot stormwater

with raingardens and porous pavement sounds risky, there is hard research available to prove otherwise. "The EPA recently commissioned a detailed study that examined 17 development projects that used LID techniques. The study compared the actual cost of the LID developments to the estimated cost of the project using conventional stormwater management." (Managing Stormwater with LID, EPA, April 2009) The study concluded that there could be a 15-80% cost savings with LID by reducing the costs of catch basins, piping, grading and paving. Plus using raingardens, gravel wetlands and other LID methods allows stormwater to infiltrate the ground and improve water quality. Many of these ideas treat stormwater by mimicking natural systems.

The UNH Stormwater Center in Durham, NH has many useful resources for LID methods. Their website has downloadable details for professionals to use. They test many of these methods right on site at UNH and provide workshops as well. You can go visit and learn about these methods and how they have held up over time. This is a wonderful resource for NH professionals looking to find new and innovative ways to solve stormwater issues. ■

Water Quality Treatment Process

1. Runoff flows into the tree filter basin from the street and passes into the filter media.
2. In the filter media, biological treatment occurs through the uptake of pollutants, such as nitrogen and petroleum hydrocarbons, by vegetation and soil microorganisms. Physical and chemical treatment also occurs within the soil media. Other treatment unit processes include sedimentation and sorption with organic matter and mineral complexes.
3. Filtered runoff is collected in a perforated subdrain and returned to a storm drain system, infiltrated into the subgrade, or discharged to the surface.



Courtesy of UNH Stormwater Center



PLAN NH
Visioning *for* Sustainable Communities

Notes from Plan NH

Plan New Hampshire, The Foundation for Shaping the Built Environment (Plan NH), is a 501(c) 3 non-profit organization formed in 1989.

Our purpose is to contribute to the quality of life in New Hampshire communities by promoting excellence in sustainable planning, design and development of the built environment. We are also strong champions of Smart Growth.

Our New Hampshire-focused membership is comprised of architects, landscape architects, engineers, planners, contractors and others with an interest in promoting and implementing environmentally, economically and socially sustainable communities. This diversity of membership brings a unique variety of views and perspectives to our approach to shaping New Hampshire's built environment.

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Plan NH Looks to Promote Traditional Village Development Patterns

by Roger Hawk, President, Plan NH; Hawk Planning Resources

New Hampshire residents place a very high value on the quality and character of their villages and preserving the rural feel of the state. The specter of increasing fuel prices and the new national security imperative of weaning ourselves off our heavy reliance on foreign oil has strengthened the need to creatively reduce our average household fuel consumption. The convergence of preserving the state's rural scenic landscape and energy conservation has lead PlanNH to the conclusion that it needs to find new creative ways to broaden the awareness and understanding of the benefits of encouraging more compact development patterns.

Because land use planning in New Hampshire is managed independently by each of the 234 municipal entities in the state, a broad based public awareness effort is needed to reshape our approach to preserving rural character and reducing energy consumption. The land plan-

ning approach that has been used in this state for the past half century is not accomplishing the objective. The standard solution to controlling growth in most communities across the state is essentially to mandate large lot zoning. But by looking at the development patterns in the southeast part of the state, it is clear that large lot zoning has not preserved the rural landscapes that are so highly valued – rather it has accelerated its demise. For these reasons PlanNH is seeking to develop a broad based consensus on preserving the rural character of this state and, at the same time, helping to cut our dependence on foreign oil. How can this be accomplished?

It is no secret, at least in land planning circles, that concentrating development into smaller spaces can reduce per household fuel consumption and the amount of land that a household occupies. National estimates suggest that a 15-20% reduction in fuel use can be achieved by living in cities and towns. I can personally attest to this. After living in a rural/suburban setting for twenty years, we moved to an in-town neighborhood in Concord. Our annual vehicle miles traveled dropped from 35,000 miles per year to about 23,000 – a 34% reduction. We also reduced our family land footprint from 2.9 acres down to 2/10 of an acre.

In order to promote more compact development, master plans and zoning ordinances will need to encourage smaller lot sizes that are consistent with what we find in village centers all over this state. With modest design standards (e.g. new urbanism/form based code), which are gaining broader acceptability, we can reinforce the traditional New England village character, reduce our land consumption per household and cut back on our fuel consumption all at the same time. To get there, we will need to convince every community in the state that it's a good idea to expand existing villages or create new ones where needed. ■

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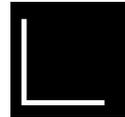
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Evo Home is a joint venture between three New Hampshire firms, **TMS Architects, Bruss Construction** and Moon River Development. It has been formed to develop homes that are affordable, energy efficient, and sensitive to the environment. The team draws on combined design and building experience of more than fifty years and shares a deep commitment to the creation of homes that will be able to satisfy the energy needs of the 21st century without compromising aesthetic design or quality standards.

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Escaping from (or Portraying) Reality—Architects in Film



Since there is so little good news in the real world of architecture, we thought we'd offer some suggestions for watching architects in the movies. Some of these are familiar even successful, others obscure or just plain bad. In several, the work of the architect is central to the plot, but in many it's just a nice job with cool buildings, models, or drawings to be used as props.

Here are a few of the more interesting and less familiar.

Heatwave (1982)

An Australian film noir, set in the sweltering heat of the Sydney Christmas-New Year season, depicts the seeming ineffectiveness of architectural idealism pitted against corrupt economic and political forces. Stephen West is the talented if naïve young architect whose Eden project, a futuristic housing project, is to be built on the site of existing inner-city apartments. He finds himself besieged on all sides. Squatters and activists have taken over

the existing apartments and refuse to vacate the site. His developer-boss demands design changes that will destroy the project's "balance and grace." His wife implores him not to be a Howard Roark, and, egads, something not quite natural is blocking the drainage at the building site. The love interest is of course the enemy, the "anarchist" Kate Dean, played by the ever-energetic Judy Davis. As architect and anarchist thrust and parry, they find they have more in common than they thought. As Kate tells Stephen, "We're true believers, we both think we can change the world."

The Eden design shown in the movie was actually created by Paul Pholeros, a notable Australian architect active in sustainable and indigenous housing issues. The design is based on the tree motif, a futuristic housing project with a strong ecological design theme, sadly destined for no further realization than its cameo appearance in this movie.

Continued next page

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Mr. Blandings Builds His Dream House (1948)

Insightful and often realistic, Hollywood explores the emotional journey of a family moving from Gotham to a place of their own in the country. Cary Grant as Jim Blandings and Myrna Loy as wife Muriel are squeezed into a typical New York flat with their two daughters. Mrs. B. sees a remodeling solution to their dilemma. Mr. B., the more naïve and gullible of the two, falls prey to an optimistic flyer of an old house offered by a highly suspect real estate agent. After purchasing the overpriced wreck of a home, each envisions a glorious transformation of the old Haggett Place, but all the engineers advise “tear it down.” (Historic Preservation Committees obviously aren’t an impediment here!)

Reginald Denny as Henry Simms is the slightly oily architect who draws up plans for a new house, seemingly before any contract or agreement is signed. Soon the Blandings are busily adding “necessities” to the house and the costs start to mount. Deep into the project, Mr. Blandings moans, “I was once a happy man. I didn’t have a closet, I didn’t have three bathrooms, but I did have my sanity and a few dollars in the bank.” Optimism and a glorious new home are of course the requisite conclusions here, but not before Mr. Blandings shares his hard-won wisdom with us: “Anybody who builds a house today is crazy! The minute you start they put your name on the all-American sucker list. You set out to build a home and you wind up in the poor house.”

The Belly of an Architect (1987)

This Peter Greenaway film doesn’t shy away from Big Themes: aging and illness, disintegrating relationships, professional rivalry, obsessions, food, symbolism, the past... and yes, magnificent architectural design.

Chicago architect Stourley Kracklite (ably played by Brian Dennehy) and his wife (Chloe Webb, an “actress” we hope never to witness again) arrive in Rome to oversee an exhibition commemorating eighteen-century French architect Etienne-Louis Boullée. Almost immediately Stourley starts a downward spiral: he experiences excruciating stomach pains (even while gorging himself at the many dinners and parties thrown for them). His pregnant wife begins an affair with arch architectural rival Caspasian, who ultimately wrests the

exhibition’s vision from Stourley to make it more conventionally and commercially palatable. And he pens notes to the long-dead Boullée, obsessing and identifying with the architect who himself had little built in his lifetime. Ultimately is it Stourley’s obsessions, or more prosaically, stomach cancer, that precipitates his architecturally dramatic suicide? However cryptic and artistically challenging this movie is, you can watch it merely for its breathtaking cinematography of Roman ruins and architecture.

Here’s a selected list of movies with architects and the actors who play them:

The Black Cat, 1934, starring Boris Karloff as a devil worshiper in this horror movie

Mrs. Miniver, 1942, Walter Pidgeon is the father of family doing its part in the war effort in this box office smash

Mr. Blandings Builds His Dream House, 1948, Reginald Denny drives Cary Grant and Myrna Loy crazy

The Fountainhead, 1949, Gary Cooper as Ayn Rand’s lone champion standing against compromise

Strangers When We Meet, 1960, Kirk Douglas is attracted by the unconventional including an affair

The World of Suzie Wong, 1960, William Holden moves to Hong Kong to see if he can make it as an artist

Two for the Road, 1967, Albert Finney is the stereotypical jetsetter married to Audrey Hepburn but not sure he should be

Don’t Look Now, 1973, Donald Sutherland stars in this highly acclaimed British horror film

The Towering Inferno, 1974, Paul Newman as a prideful creator whose design turns into an inferno

Deathwish, 1974, Charles Bronson is the one man vigilante architect

Falling in Love Again, 1980, Elliott Gould and his wife return to a high school reunion

Heatwave, 1982, Richard Moir, naïve young architect who is besieged from all sides

The Belly of an Architect, 1987, Brian Dennehy obsesses on Boullée while dealing with stomach cancer

Three Men and a Baby, 1987, Tom Selleck declares “I’m not a criminal, I’m an architect...with a baby!”

Continued on page 11

**Free Webinar Series
Showcasing Autodesk’s
latest BIM Applications**

Architecture, engineering and construction industry consultant and Autodesk Gold Partner, Microdesk, Inc., are hosting a free Webinar series previewing the new Autodesk 2011 software products. The ongoing Webinar series provides members of the architecture, engineering and construction industry with a comprehensive overview of the new features and money saving techniques for applying these features and Building Information Modeling (BIM) capabilities.

These free Webinars are presented live daily and will continue through the month of April. Products to be previewed include Autodesk Revit Architecture 2011, Autodesk Revit Structure 2011, Autodesk Revit MEP 2011, AutoCAD Civil 3D 2011 and AutoCAD Map 3D 2011, AutoCAD Architecture 2011 and AutoCAD MEP 2011, Autodesk Navisworks 2011, Autodesk Ecotect Analysis 2011 and Autodesk 3ds Max Design 2011 software.

Autodesk’s 2011 software portfolio is designed to help increase industry adoption of the BIM process, facilitate multidisciplinary collaboration and address new and renovation projects. Microdesk has partnered with Autodesk in its effort to support BIM and provides the training and support necessary to help today’s design and construction firms employ strategies to work more efficiently, create more intelligent and sustainable designs, and improve the way they do business.

To register for an upcoming Webinar, visit http://www.microdesk.com/events/events_webinar.asp. For more information about Microdesk’s product offerings, training or consulting services visit www.microdesk.com or call 800.336.3375.

Job Opportunities Positions Wanted

Job listings and positions sought listings are on the AIANH website: www.aianh.org/jobs.asp. To submit an ad, please email ad text to office@aianh.org. Ads are free for AIANH members and \$80 for four months for non-members. Please include your contact information with your ad listing.

A Note About Press Releases

To send press releases for the *NH Forum*, please email your document to office@aianh.org and include "press release" in the subject line. We will print as many notices as possible, giving preference to AIANH members and related non-profits. We reserve the right to make final determination for printing based on space and appropriateness, as well as the right to edit.



The AIANH Board of Directors holds an annual retreat to plan for the coming year. Above, from the October 2009 retreat in Sugar Hill, NH, are: Front row, from left—Stephen Peach AIA, Tom House, AIA, Shannon Alther AIA, Bruce Hamilton AIA; Backrow—Dale Doller AIA, Michael Morin AIA, Michael McKeown AIA, Karolina Burt AIA, and Jim Loft AIA. Missing were Lisa DeStefano AIA and Affiliate Director Sarah Walker. New board members in 2010 are Nathan Stolarz AIA, Jay Lawrence Purcell AIA, and Caleb Sloan AIA.

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ARCHITECTS IN THE MOVIES,

Cont. from p. 9

Jungle Fever, 1991, Wesley Snipes is at the center of this interracial romance

Housesitter, 1992, Steve Martin designs a house for the woman he hopes to marry

Sleepless in Seattle, 1993, Tom Hanks finally finds love on the Empire State Building

Indecent Proposal, 1993, Woody Harrelson has a tough time making ends meet and sells his wife's sexual favors

One Fine Day, 1996, Michelle Pfeiffer tries to cope with her frantic life and falls in love

Heaven, 1998, Martin Donovan, as a compulsive boozier and gambler who practices architecture in between

There's Something About Mary, 1998, Matt Dillon pretends to be an architect to impress Mary

Life As a House, 2001, Kevin Kline builds his dream house in the last months of his life

White Noise, 2005, Michael Keaton is obsessed in contacting his dead wife in this terrible movie

Click, 2006, Adam Sandler is driven to succeed but sees the future and gets a second chance

The Architect, 2006, Anthony LaPaglia as the designer of a dangerous apartment complex

The Quiet, 2006, Martin Donovan hides a dark side behind his charming architect persona

Firewall, 2006, Virginia Madsen is the wife of a security specialist forced into robbing the bank he's protecting, to pay off a ransom

My Super Ex Girl Friend, 2006, Luke Wilson is the love interest of a superhero

The Lake House, 2006, frustrated architect Keanu Reeves exchanges love letters with

Sandra Bullock, a doctor

It's Complicated, 2009, Steve Martin again, designing an addition for appealing divorcée (Meryl Streep), but is she available?

If you don't want to watch architects, but want to see some intriguing architectural fiction, check out **Sky Captain and the World of Tomorrow**. It's a 2004 American pulp adventure science fiction film written and directed by Kerry Conran in his directorial debut. Jude Law, Gwyneth Paltrow, Sir Laurence Olivier, and Angelina Jolie are an impressive cast. In this precursor to Avatar almost 100 digital artists, modelers, animators, and composers created the multi-layered 2D and 3D backgrounds for the live-action footage while the entire movie was sketched out via hand-drawn storyboards and then re-created as computer-generated 3D animatics. Ten months before Conran made the movie with his actors, he shot it entirely with stand-ins in Los Angeles and then created the whole movie in animatics so that the actors had an idea of what the film would look like and where to move on the soundstage. ■



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From LEED to Living Buildings/ IDID VI

Sponsorship:

Lead sponsorship is provided to Dartmouth College by Dr. Mary Finigan – Class of 1986

The George Link Jr. Environmental Awareness Lecture is sponsored by the Dartmouth College Environmental Studies Program

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PlanNH

COMING EVENTS, Continued from page 1

the community; and how to incorporate green education.

Of particular focus will be William Rawn Associates’ “Intensive Design Process,” during which Rawn and the project team work closely with clients on-site for several consecutive days to ensure that they understand as clearly as possible the needs and desires of the clients. In effect, WRA establishes an ancillary office on-site. Students, administrators, clients, community members, staff, and other stakeholders can casually stop by to see progress on drawings, and architects can easily and informally meet with the building’s eventual users.

Spending concentrated periods of design time at the site, especially with students, makes WRA more familiar with the spirit, the ambience and the ethos envisioned by the campus community, leading to more effective design. By actively soliciting input from students and others, the Intensive Design Process becomes educational for both the community and the



The keynote speaker at the IDID 6: From LEED to Living Buildings Conference will be David Orr, PhD



The Plenary speaker at the IDID 6: From LEED to Living Buildings Conference is Dayna Baumeister, PhD, co-founder of the Biomimicry Guild.

architects, ensuring that both grow in understanding of each other and the project.

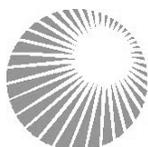
Please join us for this lively and informative evening at Keene State College. It is always invigorating to talk with the students and see what they are working on!

On May 26 AIANH and PlanNH will join together for a meeting honoring scholarship winners and the AIANH High School Design Competition. This will be at the McAuliffe-Shepard Discovery Center in Concord. The Observatory will be open for our use, which houses a state-of-the-art telescope on a computerized mount with a wide array of filters, imagers and eyepieces brings faraway moons, planets, nebulae, clusters, galaxies etc. right into view — up close and personal.

We thought this joint effort between AIANH and PlanNH would be a great way to honor the accomplishments of our young students who are aspiring professionals in the design and construction industry. Student projects will be on display, and the students will be present and eager to talk with practicing professionals. Please join us!

Please go to our website for more details and online registration for these events, www.aianh.org.

All events are open to members, guests, and the public. ■

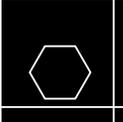


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New EPA Lead Rule Requires Contractors to Be Certified



The US Environmental Protection Agency (EPA) has issued the Renovation, Repair, and Painting (RRP) Rule, which requires contractors to become EPA certified by April 22. The new rule applies to general contractors, renovation contractors, property managers, painters, plumbers, carpenters, and electricians who work on homes, schools, child care facilities, or other buildings built before 1978.

The goal of the new Rule is to have contractors trained in how to conduct renovation activities safely to reduce the risk of lead poisoning. Common renovation activities that disturb lead-based paint, such as sanding, cutting, and demolition, create hazardous lead dust and chips that may be harmful to children and adults. The New Hampshire Department of Health and Human Services, Division of Public Health Services, Childhood Lead Poisoning Prevention Program is working with the EPA to distribute the information to contractors so they can register and become

certified before the deadline.

“In New Hampshire, one in every three children who have an elevated blood lead level was poisoned from renovation work,” stated Dr. José Montero, Director of the Division of Public Health Services. “Working safely with lead by complying with the EPA RRP Rule will decrease poisonings by reducing the degree of lead hazards following renovation activities.” By April 22, 2010, every contractor must register as a “Certified Renovation Firm” with the EPA. In addition, contractors must complete a one-day course to be a “Certified Renovator” and start providing their employees with hands-on training in lead-safe work practices. Dangerous work practices on pre-1978 buildings, including power sanding, open-flame burning, and sandblasting on painted surfaces are prohibited by the rule. Fines for violating the EPA RRP Rule can be up to \$37,500 per incident. To find an EPA accredited RRP training provider, go to www.epa.gov/lead or call 1-800-424-LEAD (5323). ■

The goal of the new Rule is to have contractors trained in how to conduct renovation activities safely to reduce the risk of lead poisoning.

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STOLARZ, Cont. from page 3

tends to be a bold color that stands out, and then two lighter colors that mesh well with the bold color. For example, a bright neon orange color for your project titles and a subdued grey and white to compliment the bold orange.

The next and most vital tip I can give is to focus on a reasonable and simple layout that will facilitate all your projects. Creating these guidelines not only allows you to professionally organize your pages, but also lets you rupture the rules once and while for enhanced effect. The key to this is to be consistent throughout the entire portfolio with the guidelines your have setup. You should also focus on eliminating most of your study models and progress drawings. Really focus on the “money-shot” renderings, final model images and plans, sections, elevations.

The final part to the portfolio is how you are going to bind it. This can be the most difficult part of the process for there are limitless ways on going about doing this. But I will give you one way I have found to be extremely successful and cheap at the same time. A company by the name of Blurb (www.blurb.com) produces and binds photo books. They have a pdf to print

option which allows you to simply upload your portfolio which you can export directly from Adobe InDesign to their website and they will simply send you the finished product printed, cut, and bound all together. I mention doing it this way because it’s simple to reproduce in case you need to send the portfolio to a firm. Other methods such as plastic bindings are bulky and messy, loose pamphlets get disorganized quickly and developing ways for a portfolio to unfold, swivel or whatever other contortion you want to put it through, will be a large waste of time and usually doesn’t come out as professionally done and will be very hard to reproduce. So I find this to be the most economic way to approach the binding dilemma.

Once you have created a basic format and have organized your portfolio, make a rigorous effort to stick with it. If you get it right the first time all you simply need to do is add to it as you produce more projects. Best of Luck!

If you or anyone you know would like to be added to the email list please send a quick email to nates@tms-architects.com and you will be added to our list of announcements. ■

MORIN, Cont. from page 3

keeps in your name and is accessible to you at any time on their website. If you undertake self study, this work must be submitted to the AIA for review and approval in order for it to appear on your transcript.

The new law will require those licensed in New Hampshire who are not AIA members to begin acquiring continuing education units. If however, you are an AIA member, there will be little impact. As long as you continue to

satisfy the AIA’s requirements for continuing education, you should meet the requirements of the new law. Read the rules for exact details on the requirements. The state licensing board will compile a list of frequently asked questions in the near future and make it available on their web site. If have questions you can contact the Board office at 603-271-2219 or at bcarter@nhsa.state.nh.us. ■

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Construction Summary

Project Type: Health Sciences & Humanities Building (Nashua Community College)

Cost: \$7,072,000

Location: Nashua, NH

Owner: Nashua Community College

Architect: Dennis Mires The Architect

Engineers: Keach Nordstrom Associates, Fitzemeyer & Tocci Associates

Gen. Cont.: TLT Construction Corp.

Project Type: Highland Hall Upgrades

Cost: \$230,200

Location: Plymouth, NH

Owner: Plymouth State University

Architect: Stewart Associates

Engineers: Rist Frost Shumway Engineering

Gen. Cont.: Bauen Corp.

Project Type: MacRury Hall Renovations (NH Technical Institute)

Cost: \$2,600,000

Location: Concord, NH

Owner: New Hampshire Community Technical College System

Architect: DC Designs

Const. Mgr.: Milestone Engineering & Construction

Project Type: New Woodchip Combustion System (Pembroke Academy & Three Rivers School)

Location: Pembroke, NH

Owner: Pembroke School District

OWNERS AGENT: Honeywell International

Architect: Banwell Architects

Engineers: Nobis Engineering, Swift Current Engineering Services, GWR Engineering, Steffensen Engineering

Gen. Cont.: Eckman Construction

Project Type: Roof Replacement (Robert H Fillion Terrace Complex)

Cost: \$70,400

Location: Somersworth, NH

Owner: Somersworth Housing Authority

Architect: Northern Architectural Design Group

Contractor: Careno Construction Co.

Project Type: New Keene Middle School & SAU#29 Office Building

Cost: \$26,596,516

Location: Keene, NH

Owner: Keene School District SAU#29

Architect: Frank Marinace Architect

Engineers: Meridian Land Services, Reno Engineering, Kohler & Lewis Engineers, Steffensen Engineering

Gen. Cont.: MacMillin Co.

Project Type: Medical Building Ortho Suite (Interior Fitup)

Cost: \$196,225

Location: Manchester, NH

Owner: Elliot Health System

Architect: JSA Inc.

Gen. Cont.: AW Rose Construction LLC

Project Type: Bow Highlands Townhouse

Location: Bow, NH

Owner/Developer: Bow Highlands LLC

Architect: Wilson&Wilson Architects

Engineers: Keach Nordstrom Associates, WV Engineers, HL Turner Group

Const. Mgr.: Cobb Hill Builders

Project Type: New Police Station

Cost: \$800,000

Location: Center Harbor, NH

Owner: Town of Center Harbor

Architect: Goudreau & Associates Architects

Engineers: TF Moran, WV Engineers

Const. Mgr.: Bonnette Page&Stone

Project Type: Jackson Estuarine Laboratory Improvements

Cost: (Base Bid) \$622,800

Location: Durham, NH

Owner: University System of NH

Architect/Engineers: Oak Point Associates

Gen. Cont.: Hutter Construction Corp.

Project Type: Rehabilitation Of Single Family & Multi Family Homes

Cost: \$1,500,000

Location: Rochester, NH

Architect: Lassel Architects

Const. Mgr.: Horne Construction Co.

Project Type: Passport Center Addition

Location: Portsmouth, NH

Owner/Developer: Summit Land Development

Architect: Berard Martel Architecture Inc.

Engineers: Hoyle Tanner & Associates

Const. Mgr.: Sullivan Construction

Project Type: Medical Office Building

Location: Nashua, NH

Owner: Dartmouth Hitchcock Medical Center

Architect: Morris Switzer Environments for Health

Engineers: HSI-3, Rist Frost Shumway

Const. Mgr.: Harvey Construction Corp. of NH

**Construction Summary is provided by
Construction Summary of NH, Inc.
734 Chestnut St., Manchester, NH 03104**

Details...

Steel erecting is underway for a new multi-purpose building on the campus of the Kingswood Regional High School for the Governor Wentworth School District (SAU #49) in Wolfeboro, NH by **North Branch Construction**. When complete, the new 51,000 square foot multi-purpose building will include a 900 seat auditorium, classrooms and locker rooms. The project also includes new synthetic and natural turf athletic fields as well as a Geothermal Ground Heat Exchanger (GHE) piping system to serve the entire campus. Over 300 wells are being drilled for the geothermal system.

Sitework began in late November 2009. The new multi-purpose building is being built on the site which formerly held the athletic fields. The new athletic fields are being moved to another location on campus. The project is being built to meet the energy efficiency and environmental standards of the Northeast Collaborative for High Performance Schools (NECHPS State Funding for School Construction).

CMK Architects are the architects for the \$16.5 million project which will be completed in December 2010.



"A Fruitful Collaboration" appeared in the March/April issue of *New England Home*, telling the story of a couple building their dream home, designed by **TMS Architects** of Portsmouth. Read more online at www.nehome-mag.com.

Calendar of Events

Apr 15 Residential Design and Construction convention and tradeshow, BSA, AIA CEUs available, www.architects.org

Apr 16-17 Sustainable Design: From LEED to Living Buildings: The AIANH Environmental Guild's Integrated Design/Integrated Development program is teaming up with the Dartmouth College Sustainability Initiative this year for the 6th IDID Conference. Up to 11.5 AIA HSW/SD CEUs available. Sponsored by PSNH and others (see page 12 for complete list of sponsors). www.aianh.org/aia_events.asp

Apr 27 LEED Green Associate Training – preparation for those seeking to earn the USGBC/GBCI's new entry-level professional credential, Green Associate. Full-day interactive session followed two weeks later by a Practice Exam and Exam Review session (May 11). Audubon Center, Concord, NH. Sponsored by AIANH. 9 HSW/SD CEUs available. www.aianh.org/aia_events.asp

Apr 28 AIANH Chapter Meeting: Join us for an open house at the Keene State College architecture studios, followed by a light dinner, exhibit of their Collaborative Architecture Projects, and a presentation by William Rawn FAIA on "Effective Design Through Collaboration." 1.75 AIA CEUs. www.aianh.org/aia_events.asp

May 19 3rd Wednesday, AIANH Young Architects, informal travel series, JSA Architects, Portsmouth, 5:30-7 pm. Slide show presentation and discussion. See some great photos, learn some interesting facts, discuss architecture, get connected. Free of charge. Contact Nathan Stolarz, TMS Architects, if you plan to attend (nate@tms-architects.com, 603-436-4274)

May 26 AIANH and PlanNH Awards Night: Scholarship winners and AIANH High School Design Competition winners will have projects on display, McAuliffe-Shepard Discovery Center www.aianh.org/aia_events.asp

COMING SOON:

REVIT and SketchUp Training
AIANH is in the final stages of setting up a REVIT training and a SketchUp Training. The dates will be in May and early June. Please watch the AIANH website calendar page for more information, www.aianh.org.



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Photo of the Month



This is a photo of Tadao Ando's Clark Institute of Art in Williamstown MA. I call it "Ando Connection" and it is a picture where a glass curtain wall almost meets a concrete wall which encloses a courtyard at the back of the building.

**by Zachary Smith, Assoc. AIA
ZESstudio**

WE NEED MORE PHOTOS!! Why not send us one of your photos for print? 300 ppi jpegs, approximately 4 x 6 inches, BW or color. Send along a title, brief caption, and your name, to office@aianh.org.