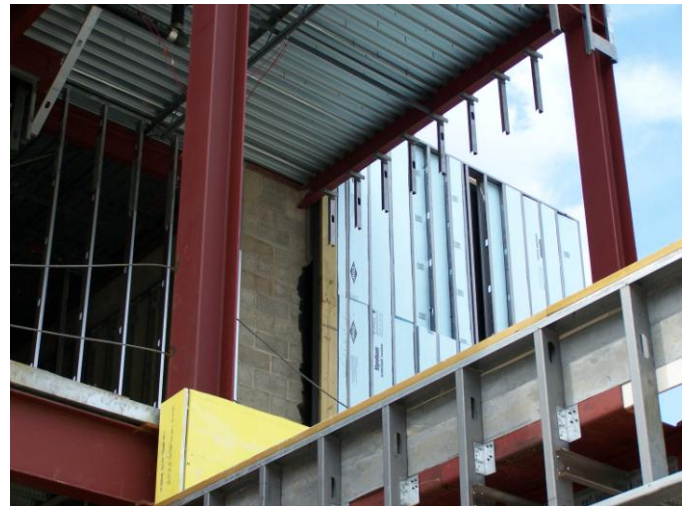


Peoria Main Public Library Addition

Mike Zimmerman of M.R. Mason Contractors, a BAC signatory and board member of Central Illinois Mason Contractors Association (CIMCA) has the masonry on the Peoria Main Library Addition, a project designed by PSA-Dewberry in Peoria. Several months ago, Mike spent several thousand dollars to certify a few of his key men for air barrier installation at a 2-day class put on by ABAA in Chicago, at the W.R. Meadows facility. The BAC Local 6 apprenticeship fund reimbursed him for this expense. Mike recommended that IMI initiate an AB certification class that would be equal to ABAA's; I told him that we do have journeyman upgrade training in AB, but not certification at this time.

The certification is already paying off for M.R. Masonry, since the specs for Peoria Library Addition require ABAA-certified installers. At this site visit, Mike showed me the sample area of installation, and gave me a copy of the inspection report by Tremco. Mike says he is beginning to see a lot of projects that require ABAA certified air barrier installers. In the past, he has subbed out air barrier work to Strike, Mid-Illinois, or Crylene Roofing. On the Peoria job, Strike quoted a price of \$11,000 for the air barrier (Mike was unsure about which union affiliation their installers had); but since M.R. Masonry became certified, they chose to self-perform this work, costing them only about \$5,000. They rolled the air barrier, Tremco Exo Air 220 at 70 mils thick, to dry at 40 mils thick, per the spec. Coverage is about 150 s.f. per 5-gallon bucket. The sample area represents two buckets of material.

This project has an interesting wall: 8" CMU; 40 mil air barrier; 6" steel studs w/ 2 layers of 3" rigid insulation between the studs; glass mat reinforced gyp. bd.; building wrap; full-height drainage board; metal lath; and thin stone adhered veneer. M.R. Masonry is installing the CMU; then the drainage bd., lath, and stone. R.G. Construction of Chicago (another BAC contractor) is installing the studs, insulation, glass mat reinforced gyp., and building wrap. I would like to document this project as a case study for IMI, since it's a great example of how a BAC contractor took the initiative to install air barrier and adhered veneer, two emerging markets for us.



These photos taken on my July 12 site visit. BAC masons installed CMU & air barrier. BAC plasterers will install drainage mat, lath, bond coat, and natural stone adhered veneer over studs & sheathing.



University of Chicago, Logan Center for Creative and Performing Arts

Dane Hagerty of Victor Oolitic Limestone and I visited the project to review the four stone mockups constructed by Illinois Masonry Corporation. The architect, TWBTA (Tod Williams Billie Tsien Architects, LTD) is currently considering which type of stone to use on the project based on the mockups. This stone was delivered June 8, and the mockups were built about a week later. The project will have 22,000 – 23,000 cubic feet of limestone. Victor Oolitic supplied all this stone with the exception of the Earthworks Gold, and Tri-State Stone fabricated and cut the stone for the mockups. The stone is laid in type N mortar, with a metal stud backup. The stone unit sizes are 4" x 4" x 24-36". Turner Construction is the G.C. John Bachenski had several meetings with the New York-based architect re. this project.

Three of the four mockups had limestone of various proportions of grey, buff, and variegated, and some old Gothic. One mockup was all Earthworks Gold, a golden color with pores similar to travertine. EWG would be the quarrier and fabricator of this stone.

In some of my other conversations with Dane, he said ILI is made up of 6 quarries and about 25-30 fabricators (like Tri-State Cut Stone in Frankfort, IL). Typically the stone goes from the quarry to the fabricator to the contractor.

Indiana Limestone is preparing to work on a new edition of their handbook. ILI consists of Jim Owens and two employees. Chuck Jones / J.K, Engineering in Beford, IN is the engineer they use for their research and graphics. Victor Oolitic has 2,400 acres of quarries, of which only 185 acres have been tapped.



Limestone mockups at the University of Chicago, Logan Center for Creative and Performing Arts

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Project Involvement, July

07/16/10	Lincoln Challenge Academy	\$38M campus	Rantoul, IL	architect selection in process	client is in architect-selection process	intro letter sent to owner info to architect & GC; met w/ material supplier
07/16/10	Access Healthcare	new medical building	Chicago, IL	porcelain rainscreen	D+K Architects; Gilbane Construction	
07/15/10	not specified	CMU/stone building	Clinton, IN	Masonry for LEED certification	Shanna Fish, LEED AP; BLDD Architects, Inc.	info to architect
07/14/10	City of Chicago PBC	Ogden School replacement school	Chicago, IL	Type N vs. Type S mortar	Matrix Engineering, Jacqueline Ahmar; Illinois Masonry	tech info to engineer research limestone cleaning; tech info to Owner
07/07/10	St. Alexander's Church	masonry restoration	Palos Heights, IL	restore existing limestone	McNulty Bros. Company, Joseph Feldner	
07/06/10	Winfield School District	St. Francis High School New Science/Learning Center	Winfield, IL	Nichiha "architectural block" cementitious panel clipped to the backup of plywood w/ fluid applied air barrier, with rigid insulation behind the plywood and between the metal studs	Serena Sturm Architects LTD (312) 595-0370; Bulley & Andrews is GC; Stoltzner Masonry is mason	e-mails w/ Tim Aikens, Tim Driscoll; phone call to architect; jurisdictional info sent to architect Dave Dankert
07/06/10	Anticruelty Society	renovate existing façade	Chicago, IL	re-clad existing siding building w/ new terra cotta rainscreen	Interactive Design - Bob Larson; Pepper Construction - Dave Hass	contacted Peter Weis, Tim Driscoll, Pepper Construction, Interactive Design, and NBK
07/02/10	University of Chicago	Logan Center for Creative and Performing Arts	Chicago, IL	limestone review	TRWW Architects; Holabird & Root Architects, Greg Grunloh; Turner Construction	terra cotta re. getting mason contractor bids on this project.
07/01/10	St. Alexander's Church	masonry restoration	Palos Heights, IL	restore existing limestone	McNulty Bros. Company, Joseph Feldner	job site visit to review mockups met w/ McNulty, and Steve Nelms & Bill Meyers from BAC to review jobsite conditions; tech info to contractor

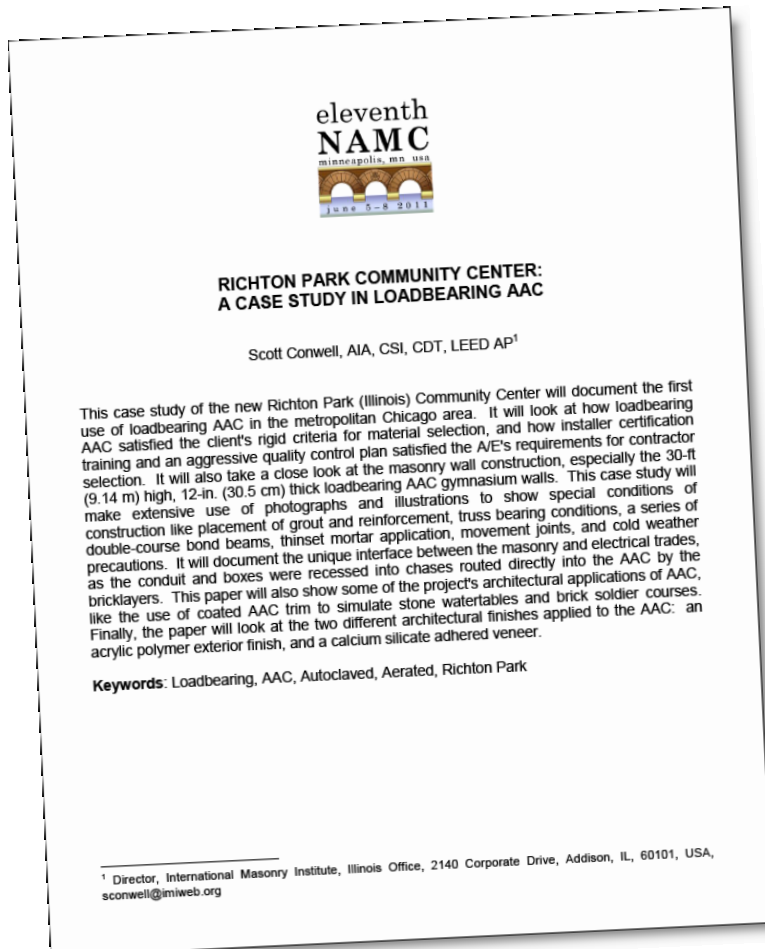
Proposals submitted and accepted in July

- 11th North American Masonry Conference abstract **accepted**
- Proposal to present Masonry for Sustainability at Central Illinois Green Expo (as recommended by Dave Fleury, BAC Local 6) **accepted**
- Proposal to present at Illinois AIA state conference **submitted**.



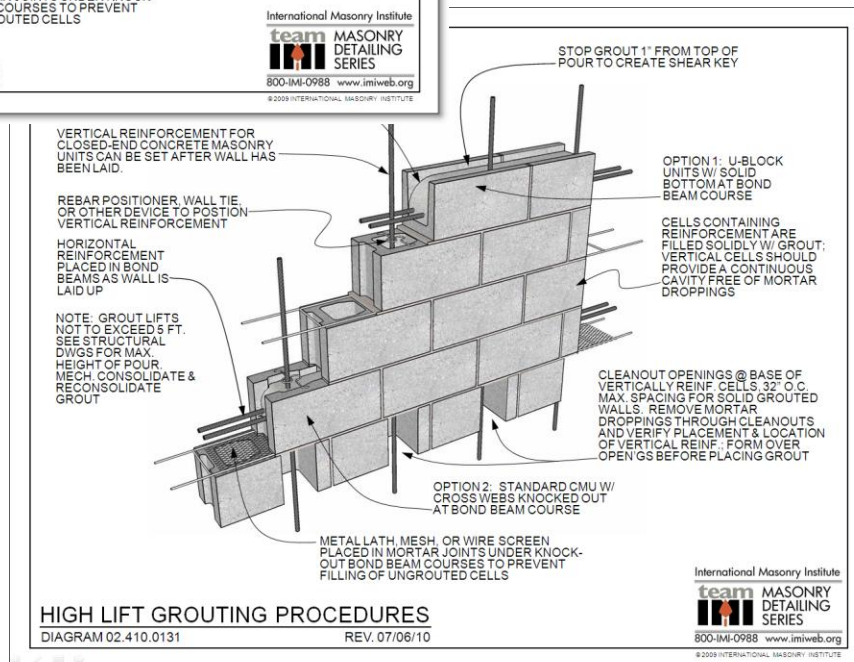
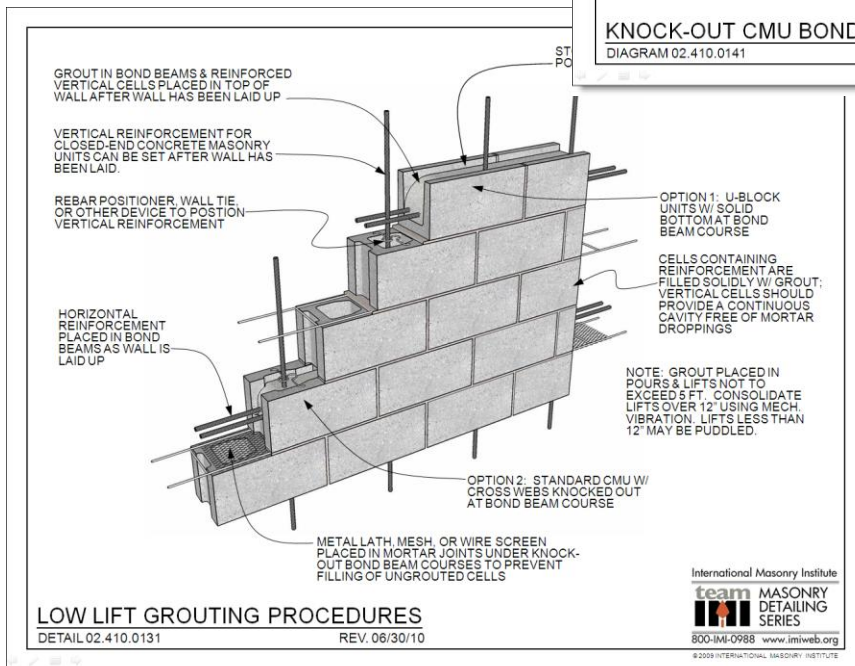
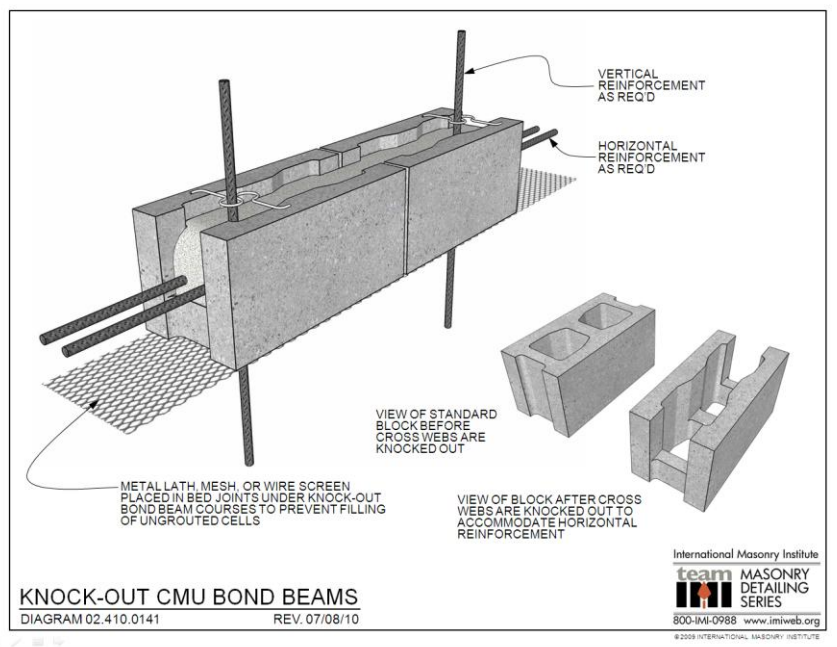
City of Chicago Department of Buildings

Update: In July, IMI submitted to the City of Chicago formalized proposed language for their updated Building Code. Many thanks to Diane Throop.



Masonry Detailing Series

Began new MDS drawings for bond beams, high-lift, and low-lift grouting procedures; sent do Diane for review.



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July activities & programs

July 1	job site meeting at St. Alexander's Church w/ Steve Nelms, BAC ADC and Joe Feldner, McNulty Brothers	Palos Hills, IL
July 1	job site meeting at Richton Park Community Center w/ J.P. Phillips	Richton Park, IL
July 2	job site visit at University of Chicago Logan Center to view limestone	Chicago, IL
July 2	job site visit at Richton Park Community Center to review Sto Creativ Brick finish AAC coating	Richton Park, IL
July 6	AIA Young Architects Chicago chapter meeting	Chicago, IL
July 9	IMI Market Development staff teleconference	Addison, IL
July 9	Internal Education call - Maximizing Sustainable Masonry Solution - Maria Viteri presenting	Addison, IL
July 12	Masonry For Sustainability seminar at The Farnsworth Group Architects	Peoria, IL
July 13	Masonry For Sustainability seminar at AIA Central Illinois	Bloomington, IL
July 13	M-Team teleconference	Bloomington, IL
July 14	Masonry for Sustainability seminar at DLA Architects	Hinsdale, IL
July 15	meet w/ Paul Fiermonte, il Palagio re. rainscreen facades	Addison, IL
July 16	Internal Education call - Structural Masonry Tips - Diane Throop presenting	Addison, IL
July 19	Masonry for Sustainability seminar at FGM Architects	O'Fallon, IL
July 20	meet w/ Jason Mantle, The Korte Company re. masonry detailing	Highland, IL
July 20	Masonry for Sustainability seminar at Hurfurd Architects	Glen Carbon, IL

Current and upcoming professional education seminars

03/16/11	FGM Architects	Oak Brook, IL	"Masonry for Sustainability"	25 est.
12/14/10	AIA Central Illinois	Bloomington, IL	"Cold Weather Masonry Construction"	30 est.
12/09/10	DeStefano + Partners	Chicago, IL	"AAC Case Study"	30 est.
11/16/10	Northern Illinois CSI Chapter	Addison, IL	"Tour Bricklayers Training Center"	45 est.
11/09/10	Association of Licensed Architects, Illinois chapter	Rolling Meadows, IL	"Masonry for Sustainability"	70 est.
10/26/10	O'Shea University / O'Shea Builders	Springfield, IL	"Cold Weather Masonry Construction"	30 est.
10/06/10	Walsh Construction (office)	Chicago, IL	"Cold Weather Masonry Construction"	50 est.
09/22/10	Central IL AIA, Central IL Mason Contractors	Morton, IL	"Quality Control for Masonry"	50 est.
09/15/10	Legat Architects	Waukegan, IL	"Masonry for Sustainability"	20 est.
09/14/10	University of Illinois Architecture students	Champaign, IL	"Masonry Design and Detailing"	60 est.
09/10/10	Central Illinois Green Expo	East Peoria, IL	"Masonry for Sustainability"	50 est.
09/08/10	Chicago Transit Authority	Chicago, IL	"Quality Control for Masonry"	50 est.
09/07/10	Matrix Engineering	Chicago, IL	"Structural Tips"	20 est.
08/31/10	BLDD Architects	Chicago, IL	"Quality Control for Masonry"	20 est.
08/25/10	Chicago Transit Authority	Chicago, IL	"Moisture Control for Masonry"	40 est.
08/24/10	McDonald's Corporation	Oak Brook, IL	"Masonry for Sustainability"	30 est.
08/19/10	SMNG-A Architects	Chicago, IL	"Introduction to AAC"	15 est.
08/17/10	AECOM Architects & Engineers	Chicago, IL	"Quality Control for Masonry"	25 est.
08/12/10	PSA-Dewberry/BCA Architects	Elgin, IL	"Masonry for Sustainability"	20 est.
08/10/10	BLDD Architects (4 of 4)	Chicago, IL	"Moisture Control for Masonry"	20 est.
08/04/10	Chicago Transit Authority (2 of 2)	Chicago, IL	"Structural Masonry Basics"	30 est.
08/04/10	Chicago Transit Authority (2 of 2)	Chicago, IL	"Structural Masonry Basics"	34
07/20/10	Hurfurd Architects	Glen Carbon, IL	"Masonry for Sustainability"	9
07/19/10	FGM Architects	O'Fallon, IL	"Masonry for Sustainability"	12
07/14/10	DLA Architects	Hinsdale, IL	"Masonry for Sustainability"	15
07/13/10	AIA Central Illinois	Bloomington, IL	"Masonry for Sustainability"	28
07/12/10	The Farnsworth Group Architects	Peoria, IL	"Masonry for Sustainability"	15

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Upcoming Programs

August 2	Quality Control for Masonry seminar at General Services Administration (GSA)	Chicago, IL
August 4	Structural Masonry Basics seminar at Chicago Transit Authority (CTA)	Chicago, IL
August 5	job site visit at Richton Park Community Center to review Sto Creativ Brick finish AAC coating	Richton Park, IL
August 6	Chicago Board of Trades Jurisdictional Hearing w/ BAC re. Air Barriers	Chicago, IL
August 10	Moisture Control for Masonry seminar at BLDD Architects	Chicago, IL
August 12	teleconference re. Single Wythe Concrete Masonry	Addison, IL
August 12	Masonry for Sustainability seminar at PSA-Dewberry/BCA Architects	Elgin, IL
August 13	IMI Internal Education - Richton Park AAC case study	Addison, IL
August 17	Quality Control for Masonry seminar at AECOM Architects & Engineers	Chicago, IL
August 19	IMI presentation on Introduction to AAC for SMNG-A Architects	Chicago, IL
August 24	Masonry for Sustainability seminar for McDonald's Corp. architects	Oak Brook, IL
August 25	Moisture Control for Masonry seminar at Chicago Transit Authority	Chicago, IL
August 31	Quality Control for Masonry seminar at BLDD Architects	Chicago, IL
Sept 7	Structural Masonry Tips seminar at Matrix Engineering	Chicago, IL
Sept 8	Quality Control for Masonry seminar at Chicago Transit Authority	Chicago, IL
Sept 10	Masonry for Sustainability seminar at Central Illinois Green Expo (presenting only; not exhibiting)	East Peoria, IL
Sept 14	masonry lecture at University of Illinois College of Architecture	Champaign, IL
Sept 15	Masonry for Sustainability seminar at Legat Architects	Waukegan, IL
Sept 21	CSI Chicago meeting	Chicago, IL
Sept 22	IMI seminar on Quality Control for Masonry with Hands-On Bricklaying for Central Illinois AIA and Central Illinois Mason Contractors Association	Morton, IL
Oct 4	IMI-sponsored Tile Design program with Ceramic Tile Contractors Association of Greater Chicago meeting	Arlington Heights, IL
Oct 5	Association of Licensed Architects / CSI Architectural Expo	Oak Brook, IL
Oct 6	Cold Weather Masonry Construction seminar at Walsh Construction	Chicago, IL
Oct 26	Cold Weather Masonry Construction seminar at O'Shea University, O'Shea Builders	Springfield, IL
Nov 9	IMI presentation on Masonry for Sustainability for Association of Licensed Architects meeting	Rolling Meadows, IL
Nov. 17-19	USGBC GreenBuild (tentative)	Chicago, IL
Nov 16	IMI hosts tour of District Council Training Center for Northern Illinois Construction Specifications Institute	Addison, IL
Dec 9	IMI presentation of Richton Park Community Center case study at DeStefano + Partners Architects	Chicago, IL
Dec 14	Cold Weather Masonry Construction seminar at AIA Central Illinois	Bloomington, IL
March 16	Masonry for Sustainability seminar at FGM Architects	Oak Brook, IL
June 5-8	Eleventh North American Masonry Conference (tentative)	Minneapolis, MN