

Molin Concrete Products
415 Lilac St.
Lino Lakes, MN 55014

651-786-7722
651-786-0229 Fax
1-800-336-6546
www.molin.com

Spring 2010 Volume 51



"Building" Customer Satisfaction Through Generations of Teamwork

INSIDE:

**Going for the
LEED GOLD**

Molin's New Design
Office is Certified
LEED GOLD

Project

Crosby Place
Topeka, KS

Award

Stillwater Public
Library is Presented
PCI Design Award!



Molin Design Office
Certified LEED GOLD
Lino Lakes, MN

www.molin.com

MOLIN DESIGN OFFICE

ACHIEVES LEED GOLD CERTIFICATION



Tom Molin
President

Molin Concrete Products Co. is proud to announce that our new design building has been certified LEED Gold by the U.S. Green Building Council. The new office fulfills the need to bring our engineering, drafting, and estimating personnel under one roof. With space available at our existing campus, the ideal location for the Design Office was adjacent to the sales and administration office.

Molin Concrete was able to demonstrate that the use of precast concrete building products can result in a sustainable building. The components of this 7,442 square foot building demonstrate the use of sustainable products and high performance systems that contribute to improved energy efficiency, resource efficiency and indoor air quality. Among the initiatives employed in the design of this building were:

- Use of tubular skylight systems for interior daylighting. Tubular skylight systems are ideal for natural lighting when used with precast concrete roof plank.***
- Large exterior window openings for enhanced daylighting. Insulated precast concrete wall panels manufactured by Molin, provided flexibility in sizing of window openings.***
- Sunshades at exterior south-facing windows. Precast concrete sunshades, manufactured by Molin, will help reduce solar heat gain in the offices with south-facing windows.***
- Molin precast concrete products replaced 36% of Portland Cement with Fly Ash, reducing the CO2 off-gassing during the cement manufacturing process. This was considered using recycled content for the building.***
- R-26 precast insulated wall panels for greater thermal efficiency.***



Precast concrete sunshade



White Roof and Skylights



Hybrid Vehicle Parking



The Molin Design Building shows the synergies that are available with sustainable design and precast concrete components.

PROJECT HIGHLIGHT
CROSBY PLACE - TOPEKA, KS



Owner: Kanza Capital, LLC
Architect: Schwerdt Design Group
Engineer: Schneider Structural
Engineering
GC: Kanza Construction, Inc.

Products:
Hollow Core Plank: 54,250 Sq. Ft
Precast Concrete Wall Panels: 23,111 Sq. Ft.
Precast Beams and Columns: 3,200 L.F.



Marc Mueller
Molin Concrete
Midwest Development

Molin recently completed Crosby Place, a mixed-use total precast structure in the heart of Topeka, KS. Originally designed as a steel structure, the Molin design team was able to convey the value of a conversion to precast concrete for the project. The initial design required steel columns that would interfere with the living space of the future residents. Precast concrete was able to offer open spaces that changed the structure completely.

The Molin Design team worked hand-in-hand with Schneider Structural Engineering to make the project conversion a success. Precast concrete was able to shine for its green attributes, cost savings, as well as an industrial aesthetic that the Owner and Architects were looking for. In this urban area of Topeka, younger residents were interested in leaving the precast exposed to give a historic "loft" appearance. In addition, this method allowed less material to be used until residents are able to customize the look of their properties, as the units are sold.

The precast structure was installed by Molin Concrete in just 51 days. Among the installation challenges, the project had tight access with existing buildings on three sides.



Molin's Design Team had no issues implementing cantilevered hollow core plank and precast concrete elevated walk-ways.

MILLER DUNWIDDIE ARCHITECTURE
IS PRESENTED A PCI DESIGN AWARD

Molin Concrete is proud to announce that Miller Dunwiddie Architecture has won a PCI Design Award for their innovative uses of precast/prestressed concrete on the Stillwater Public Library (highlighted in a past issue of the Molinium). The project featured structural precast concrete hollow core planks, beams & columns and structural precast foundation walls. The project's finishes mimicked the look of cut limestone by using architectural precast supplied by American Artstone.



Bob Clauson and Erik Molin presented the PCI Design Award to Laura Faucher, AIA, Project Architect of Miller Dunwiddie Architecture.

Congratulations
Miller Dunwiddie Architecture!

Fax Back Information Form

For more information,
Fax this form to (651) 786-0229

- Hollow Core Plank
- Foundation Wall Panels
- Structural Wall Panels
- Prestressed Beams/Columns
- Prestressed Stadia
- Residential

Please have a representative call me:

- I have immediate needs.
- Please call in _____ months.
- Interested in having a lunch box seminar.
- Interested in having a plant tour.

If you know of someone who should be added as a newsletter recipient, or taken off the list, please let us know.

Name:
Company:
Address
City: State: Zip
Comment:

Your wish is our command with our fax back form!
If you're looking for product information, want to schedule a plant tour or box lunch, need an address/company change, need to add or delete someone as a newsletter recipient, change your e-mail address, or wish to be notified of our newsletter via e-mail, please fill out the appropriate information on this page and fax it to us. Thanks

Concrete Products
Since 1897

415 Liliac St
Lino Lakes, MN
55014

651-786-7722
Fax: 651-786-0229
1-800-336-6546

www.molin.com

sales@molin.com
newsletter@molin.com

