

JEA ARCHITECTS

6440 Flying Cloud Dr., Ste 202, Eden Prairie, MN 55344

BUILDING CONNECTIONS

A NEWSLETTER FOR OUR CLIENTS AND FRIENDS

Volume 6 Number 1—2010

GREETINGS

OUR SIXTH NEWSLETTER!

JEA Architects was founded in 1991 by Jack Anderson, AIA, CID. The focus of our newsletters is to share information about the building process.

OUR GOAL

- to provide our clients with creative, functional and cost-effective solutions in a manner that meets the particular needs for each project -

Feature Article

ENERGY SAVINGS & GREEN REPORT

Visit us at our new website!
jeaarchitects.net

ENERGY SAVINGS

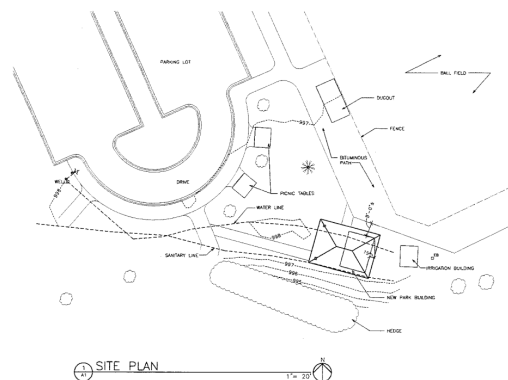
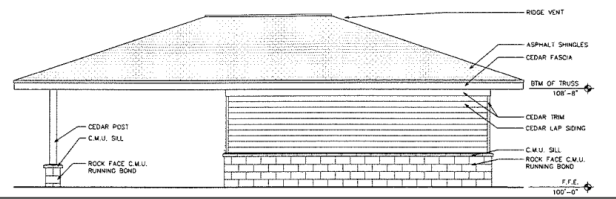
- ◆ At JEA Architects we strive to not only comply with to but exceed Energy code requirements.

Tips for cost effective energy construction:

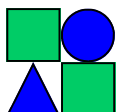
- To insure the maximum reasonable amount of insulation is utilized in the roof system design, we recommend:

- Polyisocyanate on flat roof construction
- Fiberglass within sloped roofs with attics
- Wall construction can vary. We utilize:
 - Fiberglass batts within stud walls
 - Polyurethane and granular fill in concrete block walls with cavity type construction.
 - Polyurethane within doors and precast walls.
 - Insulated glass with low E coating and argon gas at windows .

Under construction: Mahtomedi Southwest Park - Park Facility



Partnering with you to achieve a quality project to meet your needs





Santiago Township Fire Station & Town Hall

The 6,000 square foot facility is located just west of Santiago in Sherburne County, off of County Road 11, on 20th Street NW. The building houses the Santiago Fire Station and Town Hall. Sherburne County Emergency Services also has offices in the facility. The project received a \$173,000 grant from Sherburne County for its utilization of recycled materials into the construction of the building.



Sherburne County Sheriff Public Safety Building

The 15,000 square foot facility is located in Zimmerman, Minnesota. The building houses the Sherburne County Sheriff's Department. Sherburne County Emergency Services also has offices in the facility. The project utilized recycled materials in the construction of the building and received a \$600,000 grant. The Project was completed in December 2008.

"As Director of Emergency Services for Sherburne County it was my pleasure to work with JEA Architects on Public Safety building projects. From the needs assessment to the final drawings, Jack Anderson was creative in finding solutions to meet our needs within the budget and kept our goals as a high priority throughout the entire process. Mr. Anderson took pride in the Project and went the extra mile to make sure we, as the Owner, were satisfied with the appearance and functionality of the building."

John D. Olson, Director of Emergency Services

Recycled Materials Content Listing

- ◆ Hollow metal doors and frames utilize 25%-30% recycled materials.
- ◆ American made steel typically utilizes a minimum 25% post consumer recycled material.
- ◆ Concrete and concrete block (can) utilize 25% recycled material.
- ◆ Fiberglass insulation typically utilizes 35% recycled material (from glass).
- ◆ Ceramic tile finish utilizes up to 40% recycled materials.
- ◆ Acoustical ceiling tiles utilize up to 35% recycled materials.
- ◆ Special gypsum board can achieve 92% recycled content (at no extra cost).
- ◆ Solid laminates can achieve up to 40% recycled content.

Energy Rebates

Rebates are available from utility companies for various building components involving:

- ◆ Energy efficient light fixture ballasts
- ◆ Utilization of geo - thermal heating
- ◆ Retrofitting new insulated windows

On the Board

- Mahtomedi Southwest Park - Park Facility
- Oakdale Well House # 10
- Hennepin County Juvenile Justice Center
- Hopkins Schools Bus Depot

At JEA ARCHITECTS, we work on your behalf to increase project quality and value by eliminating unnecessary costs while solving your building needs.

For more information, please call:

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