

CONTRACTOR

THE NEWSMAGAZINE OF MECHANICAL CONTRACTING



North Central College's combo dorm-field house utilizes a radiant floor heating system.



Construction will be completed in time for the fall semester.



Combo dorm-field house built to attain LEED Gold

BY CANDACE ROULO AND ROBERT P. MADER
OF CONTRACTOR'S STAFF

NAPERVILLE, ILL. — North Central College, a small private school here in this western suburb of Chicago, needed new dormitory space and a new field house. The existing field house track is a non-standard 11 laps to the mile, so the school couldn't hold indoor track meets there. The solution? Four stories of community and dormitory space surrounding a 62,000 sq.ft. field house with 50-ft. high walls and 180-ft. of clear span space from side to side.

The tightly insulated building should attain LEED Gold certification from the U.S. Green Building Council. The structure incorporates a geo-exchange heat pump system and radiant floor heat, installed by Premier Mechanical, Addison, Ill., fire protection system by F.E. Moran Fire Protection Inc., Northbrook, Ill., and water-saving plumbing by Caldwell Plumbing, Wheaton, Ill.

The walls of the structure are an R-20 sandwich of lightweight aggregate concrete, foam core and more concrete in the interior. The 6,000-psi panels are molded in a brick pattern and will be painted to look like brick. Dukane Pre-

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IAPMO GTC votes to limit showers to 2.0-GPM

BY ROBERT P. MADER
OF CONTRACTOR'S STAFF

DENVER — The Green Technical Committee of the International Association of Plumbing & Mechanical Officials



IAPMO GTC members vote to limit shower flow to 2.0-GPM in a single shower compartment.

has voted to limit showers to 2.0-GPM total at 80-psi in a 1,800-sq.in. shower compartment. The GTC is developing a Green Plumbing and Mechanical Supplement as an Plumbing Code and Uniform Mechanical Code.

The vote during the GTC meeting here the morning of August 21 reversed a vote from the previous evening when GTC Chairman Bill Erickson cast the tie-breaking vote that

would have imposed no limit on the number of showerheads in a compartment. Erickson, chairman of C.J. Erickson Plumbing, Alsip, Ill., told CONTRACTOR that he found water is wasted from other sources, such as underground leaks from water utilities, to be compelling.

It remains to be seen how the 2.0-GPM/1,800-sq.in. limit in the Green Plumbing and Me-

► Turn to 2.0-GPM, page 26

L.A. passes HET ordinance, Calif. greens code

BY CANDACE ROULO
OF CONTRACTOR'S STAFF

LOS ANGELES — A Water Efficiency Requirements ordinance was passed by the Los Angeles City Council and signed into law by Mayor Antonio R. Villaraigosa this July, mandating lower low-flow plumbing requirements for plumbing fixtures installed in new buildings and retrofits, which includes all residential,

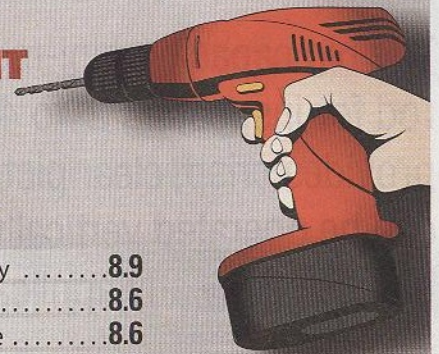
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CONTRACTOR INFOCUS

MOST IMPORTANT CORDLESS TOOL FEATURES

10 POINT SCALE

| | |
|--------------------------|-----|
| Tool life and durability | 8.9 |
| Battery service life | 8.6 |
| Work time per charge | 8.6 |
| Power and torque | 8.5 |
| Ergonomics | 8.0 |
| Battery charging time | 7.8 |
| Weight | 7.6 |
| Length of warranty | 7.5 |
| Recommendation | 5.9 |
| Worklight | 5.4 |



Source: Metabo blind survey April/May 2009 of 203 tool users; CONTRACTOR magazine

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SPALDING COMMUNICATIONS
819 E COLLEGE AVE
DECATUR GA 30030-5324

▼ THE TECHNO 25 FAUCET

is WaterSense certified as an environmentally sustainable product. It offers a 1.5 GPM flow rate, and is ideal for living spaces with full bars, kitchen islands or secondary bathrooms in finished basements. Finishes include polished chrome, satin nickel and "weathered."

Cifial

CIRCLE 118 ON INQUIRY CARD

