

The Builders and Acknowledgements

2003-2004 Building Trades Students

JEFFERSON

Michael Alderson
Nathan Chandler
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Nathan King
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Ryan Young

KENNEDY

Robert Baskerville
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Jason Doyle
James Ellickson
Tyler Harrison

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Kevin Kipp
Mike McDonald
Joe Mercil
David Nelson
Tim Palomo
Jason Preston
Jess Sturgeon
Nathan Thornton

WASHINGTON

Timothy Frazier
Brittney Hix

Andrew Lown
Daniel Lucky
Christopher Ortgies
James Parr
Ben Sanders
Brian Smith
Theodore Swyers
Clayton Weber
Chase Westercamp

XAVIER

Mark Gross
Clark Hruby

CONTRACTORS, VENDORS, and CONTRIBUTORS

- Absolute Disposal LLC
- Ar-Jay Building Products
- The Beam Team
- Bernet Construction Company
- Joe Bertsch Electrical Sales Co.
- Blue Grass Enterprises
- Campbell Supply Co.3
- Charlie's Applications
- Crescent Electric Supply Co.
- Eastern Iowa Insulation
- Executive Construction Plumbing
- Finley Excavating & Grading
- Greybar Electric Inc.
- Gypsum Supply
- Home Depot
- House of Carpets
- Ilten's Inc.
- Insulation Plus
- Kings Material Inc.
- Menards
- Millhiser Smith Agency, Inc.
- Ogden & Adams Lumber
- Overhead Door Company
- Peck's Green Thumb Nursery Inc.
- Port-O-Jonny
- Precision Drywall
- River City Paint and Supply
- Shaw Electrical Contractor Ltd.
- Square D Company
- Technigraphics
- United Rental

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Open House



SATURDAY AND SUNDAY
May 29 and 30, 2004
1:00 - 4:00 P.M.

1138 Tiara Drive NE
Cedar Rapids, Iowa

32nd Anniversary Cedar Rapids High School Student-built House Project

A cooperative program sponsored by the
Cedar Rapids Area Association of REALTORS®
and the Cedar Rapids Community School District



The Program

More than 981 vocational education students have been involved in building 32 houses since the Cedar Rapids Area Association of REALTORS® and Cedar Rapids Community School District initiated a student-built house program in the 1972-73 school year.

Dave Rosenberg was the instructor for the first 21 house projects. Dave Smith has been the instructor in the program since then. The instructor teaches general carpentry and closely supervises construction. Journeyman craftsmen in plumbing, heating and electrical provide on-the-job instruction in their respective crafts.

As is typical of vocational programs, students apply the basics in mathematics, reading, communication and science. For example, students experience the need and use of accurate math calculations in house framing and the many other facets of construction. Equally important is the learning of positive work attitudes such as pride in work, responsibility, dependability, punctuality, and cooperative efforts, attitudes, which transfer to all future work situations.



The program has traditionally represented an excellent working relationship between the School District, the Association of REALTORS® and community representatives who give freely of their time in support of Cedar Rapids' young people.

The 2003-04 advisory committee members included; Richard Binger, Roger Lang, Bob Lehman (chair.), Dave Rosenberg, Dennis Rubenow, David Smith, and Tom Takes.



Over the years, graduates of the program have gone into management and construction jobs. Building material companies and related service jobs have employed others. Students not entering related positions benefit from the 'do-it-yourself' activities, which have had large nation wide expansion during recent years.

In the past, tool grants and scholarships totaling over \$145,000 have been awarded to over 550 students.

The Floor Plan & Features

Floor Plan

2003/2004 Student-built House, Lower Level



2003/2004 Student-built House, Main Level



House Features

- Pleasant Residential neighborhood at the edge of the city.
- 1572 square foot finished main floor, 390 square foot finished lower level, plus additional unfinished basement.
- Highly energy efficient home.
- R-48 blow-in attic insulation, with R-19 6" stud wall insulation.
- Low-maintenance exterior including; vinyl siding, aluminum soffit, fascia, gutters, and downspouts.
- Steel and fiberglass-clad insulated exterior doors.
- Raised heel energy roof truss and "Silent Floor" joist systems. Decking applied with nails and adhesive.
- Hayfield vinyl thermo pane, low 'E' windows and patio door.
- Large two-stall garage, 16' x 8' insulated overhead door with electric garage door opener.
- High efficiency energy saving furnace and central air conditioning. Quick recovery, direct vent, 40-gallon natural gas hot water heater.
- 200-ampere underground electric service.
- Pre-wired with phone jacks, cable T.V., and category 5 data cable.
- Passive radon extraction system.
- Vaulted great room with open access to entry and kitchen.
- Kitchen includes microwave oven/vent, electric range, dishwasher, garbage disposal, spacious counters, and ample oak cabinetry.
- Large master bedroom, attached master bath and walk-in closet.
- Two additional bedrooms with spacious closets.
- Two full baths, with future lower level bath stubbed in.
- Hallway linen closet.
- Lower level includes three large windows, finished family room, and pre-designed for bath and bedroom.
- Patio door exits to deck and yard.
- Bedrooms and great room all include ceiling fans.
- Main floor laundry area with storage cabinets, wash sink and large pantry.
- Kitchen stove and clothes dryer areas are equipped with both electric and natural gas hook-ups.
- Direct vent gas fireplace with ceramic tile and oak surround, includes blower.
- Plumbed for whole house vacuum system.
- Kitchen, eating area, laundry room, front entry and main bath have beautiful long lasting high quality Congoleum Ultima vinyl floors.
- Lot is fully sodded.
- House is built to Energy Star standards.