

Metals students complete projects

Two projects have kept SUHS metals students busy lately. Seniors Keith Harvey and Dave Lund recently built a cherry picker, used to pull engines out of automobiles.

Senior Paige Chambers, and sophomores Jeff Hilliard, Richard Gillum and Gary Massey built a squat rack, a piece of equipment used by weight lifters.

Lund designed the cherry picker himself, with help from Harvey. It can be taken apart and transported in a space as small as a car trunk.

Lund purchased the jack and wheels, but otherwise purchased materials available through the school for the personal project.

Lynn Sondana, metals instructor, said Lund has about \$180 in the project. "Those two individuals really learned quality control," he said.

Sondana added that both would like to be employed in the metal working industry. The squat rack was built using a diagram made by

Greg O'Meara, physical education instructor. A brochure lists a similar rack for \$500, plus \$100 shipping. The metals department

submitted a \$250 bid, and was awarded the job. The SUHS physical education department is buying two racks, and at quite a savings, Sondana pointed out. Meanwhile, the metals department will also benefit as the racks cost about \$175 each to make, he said.

He said with the profit they'll repair tools and build up inventory. The most important thing though is that the students gained experience in industrial fabrication, he said.

Though one doesn't think of making two racks as mass production, that's basically what they did.

They pre-cut all parts, made a "very primitive" jig (chalk line on the floor), and tack-welded the pieces. Then they took the racks to the welding area to complete the welding.

The project took three days. The first day the racks were assembled and welded by Chambers and Hilliard. The second day Massey did the grinding, filing and polishing, and the third day Gillum did the painting.

"In a way, vocational education kind of paid its own way," Sondana said. His personal theory is that "hands-on experience" is the best.



Jeff Hilliard, Richard Gillum and Paige Chambers



Mark Harvey and Dave Lund

Church is planning preschool

The Mt. Hood Evangelical Free Church is working toward establishing a combination day-care center and preschool, which will also have a Christian education component.

Linda Eby, coordinator, said the day-care center and preschool will accommodate children from two-and-a-half years old through kindergarten. She said there will also be a preparation program for those ready to enter kindergarten.

This week the church filed a conditional use permit application with the Clackamas County planning department. Eby said she anticipates a hearing being held shortly after the first of the year, and could see no reason for the permit to be denied.

When the center opens, Eby said it will initially serve 20 children. Plans are for the facility to be certified for a maximum of 40 children.

DON'T WAIT! LEAKY SHOWER OR TUB? We specialize in Water Damage to walls and Floors. Remember a Little Dryrot Goes a Long Way.

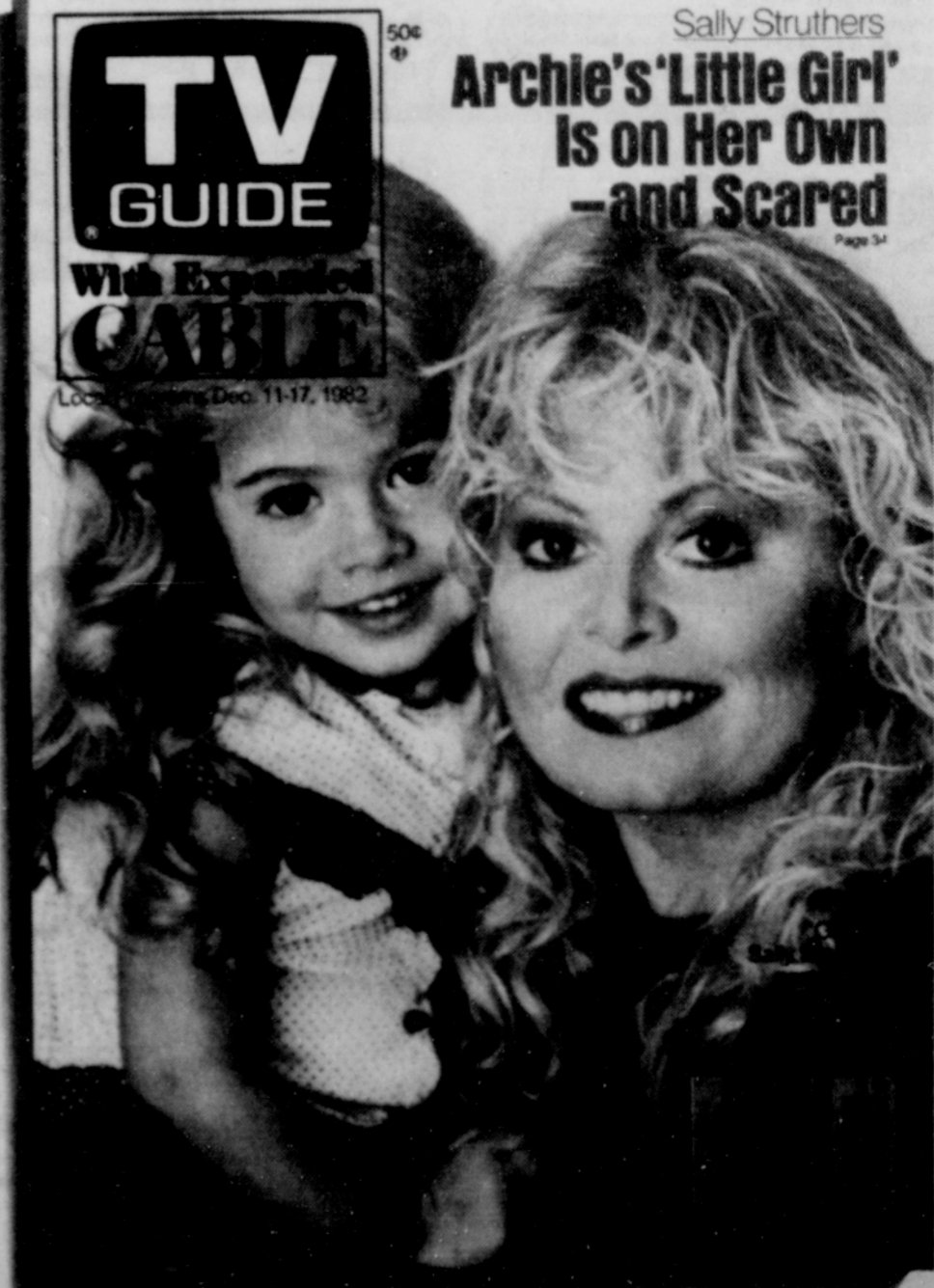
R&L CLASSIQUE FLOORS INC.
17702 NE HALLSLEY PORTLAND
355-6775
CREATING THE FUTURE FLOORING CAREER

Classified Business, Professional Directory

For Your Card In This DIRECTORY — Phone 668-5548

<p>AUTO REPAIR</p> <p>SANDY AUTO BODY INC. 38650 Pioneer Blvd. Telephone 668-4175 Sandy, Oregon 97055</p>	<p>TELEVISION SERVICE</p> <p><i>Inland</i> TV & Radio Service Guaranteed Service On All Makes CEDAR PLAZA No. 1 LOWER LEVEL 668-7363 Carry-In Service</p>
<p>PUMP & SUPPLY</p> <p>Fairbanks - Morse - Red Jacket SALES and SERVICE D & A PUMP & SUPPLY 656-2683 668-4902</p>	<p>TAX CONSULTANT</p> <p>ALLMAIN TAX SERVICE Cedar Plaza Bldg. Suite No. 12 Bookkeeping & Income Taxes Pickup & Delivery 668-8051</p>
<p>CONCRETE READY MIX</p> <p>MT. HOOD READY MIX Ready Mix Concrete - Crushed Rock - Sand and Gravel Phone 668-6515 Plant located at Firwood Junction</p>	<p>SAND and GRAVEL</p> <p>ROCK CREEK SAND AND GRAVEL Crushed Rock, Fill and Top Soil 658-3138</p>
<p>ROOFING</p> <p>Sandy Roofing Company Call anytime! 24-hr. phone service PHONE: 668-7377 Licensed, Bonded and Insured</p>	<p>CHIMNEY SWEEP</p> <p>KIRAN SWEEPS Chimney Cleaning "From the shadow of the mountain" Hoodland 622-4095 Wendy Dolan Member Hoodland Volunteer Fire Dept.</p>

LOCAL NETWORK. CABLE. PAY.

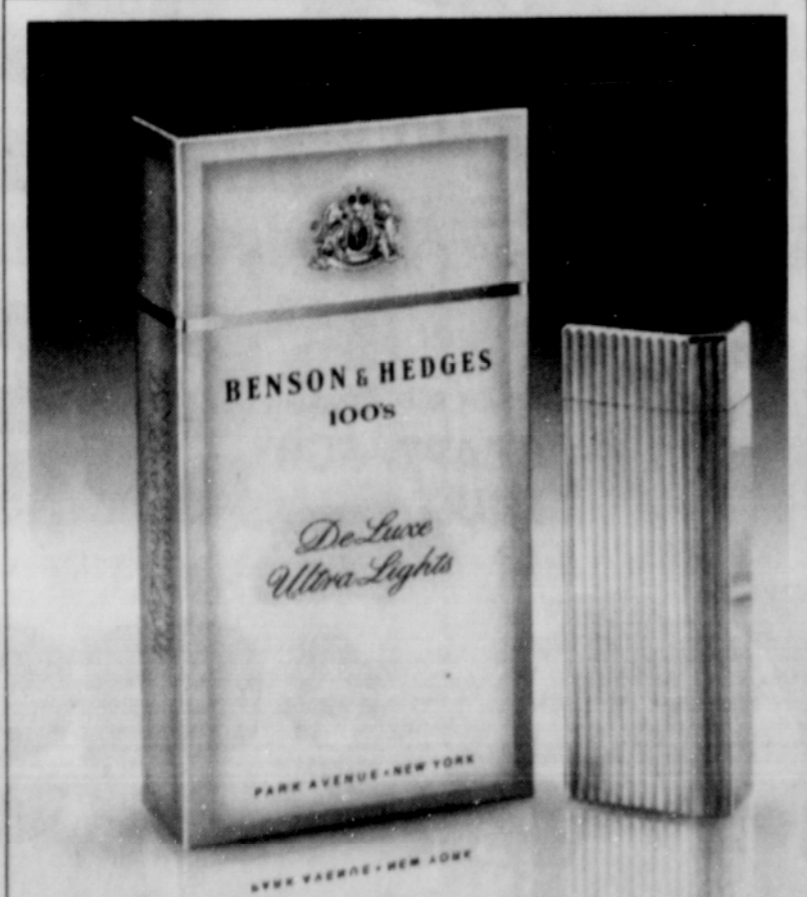


TV GUIDE HELPS YOU DECIDE.

All those channels. All those shows. All those choices. To help you watch the best that's on, pick up the best...TV Guide. On sale now.

BENSON & HEDGES

Deluxe Ultra Lights



Only 6 mg yet rich enough to be called deluxe.
Regular and Menthol.
Open a box today.

Warning: The Surgeon General Has Determined That Cigarette Smoking Is Dangerous to Your Health.

6 mg "tar," 0.6 mg nicotine av. per cigarette, by FTC method.

TV Guide® and the TV Guide logo are registered trademarks of Triangle Publications, Inc.