

Energy conservation

Windmill is family project

By Linda Kirby
Energy conservation is a family affair for the Bailey family in Milton and their efforts can be seen in their backyard in the shape of a windmill.

With the help of his grandfather and father, 14-year-old Scott Bailey put together the windmill that works on wind power and supplies ample energy for a car battery.

Standing approximately 15 feet high with props weighing 150 pounds, the windmill can develop over five horsepower with a strong wind. "If one of those props ever whacked you, it could knock you out," warns Scott's father, Ken Bailey.

Scott's grandfather is more than familiar with wind energy. He has 50 years of sailing experience behind him and did a fair amount of boat building, as well.

"I am retired now, but I still like to tinker around," the senior Ed Bailey says with a smile. He is contemplating Scott's newest scheme, the idea of building a small windmill to power a boat. "It's an idea, but I don't know," he states with some amount of doubt.

Scott is apparently as good with ideas as he is with his hands, according to his father. A fort built by Scott and his friends benefits from the battery charges he gets from the windmill and light is supplied to the fort.

Scott has suffered some disappointments with the windmill. A summer storm wind snapped the blades, and it was a matter of rebuilding the assembly all over again, this time with a swivel base that could be moved to the direction of the wind. The old props were replaced with a new variable pitch prop,

which is very important to prevent damage to the windmill, as well as utilizing wind energy to the best capacity. A car instrument panel

measures the power of the windmill, and it is not unusual to see someone out at midnight checking the dials, says Mr. Bailey. "You just wonder

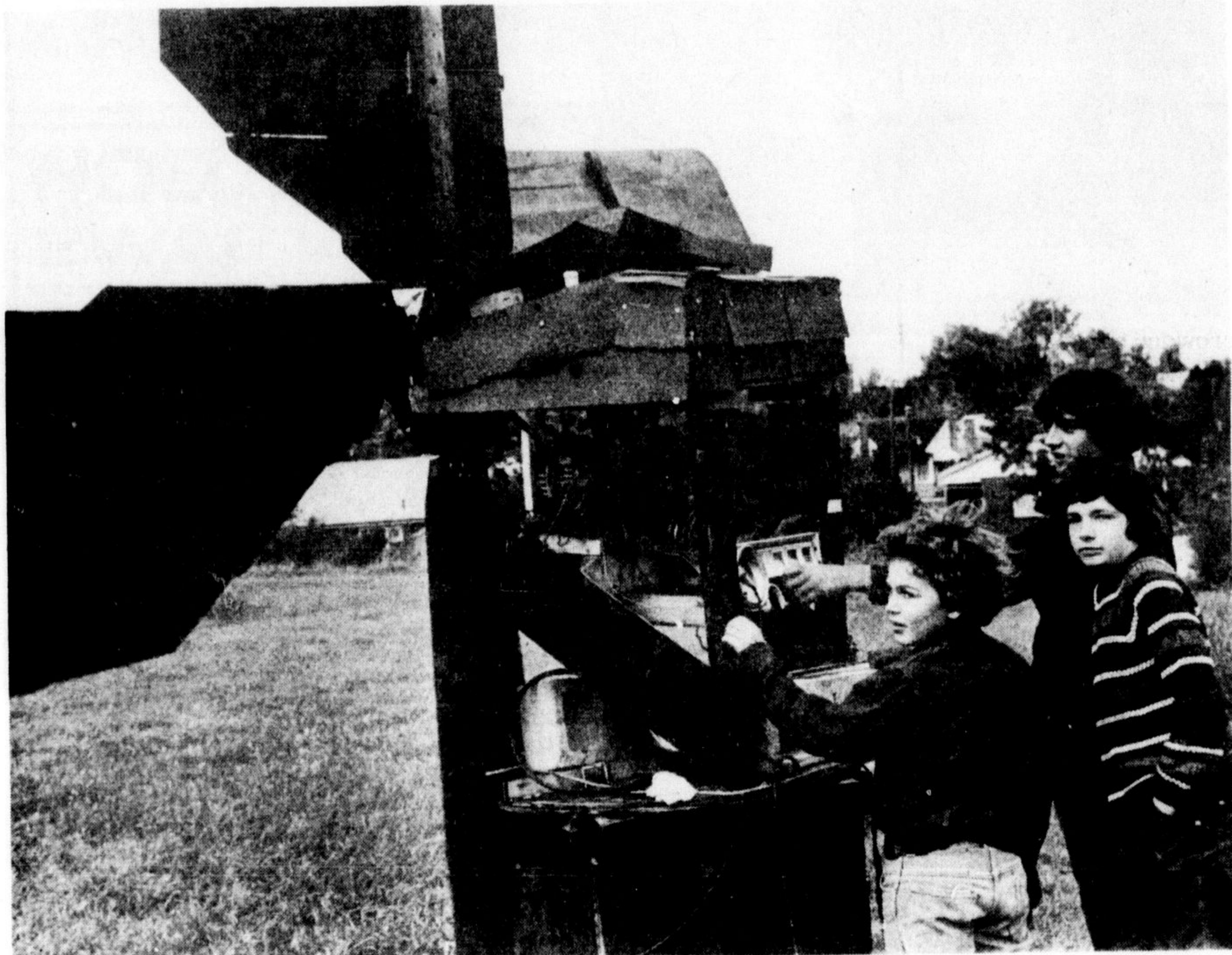
what she is turning out, in terms of power," he says with a laugh. "It is Scott's project, but we are certainly all pretty interested in it."

For Scott, it has been a process of trial and error, but he feels he has learned a lot.

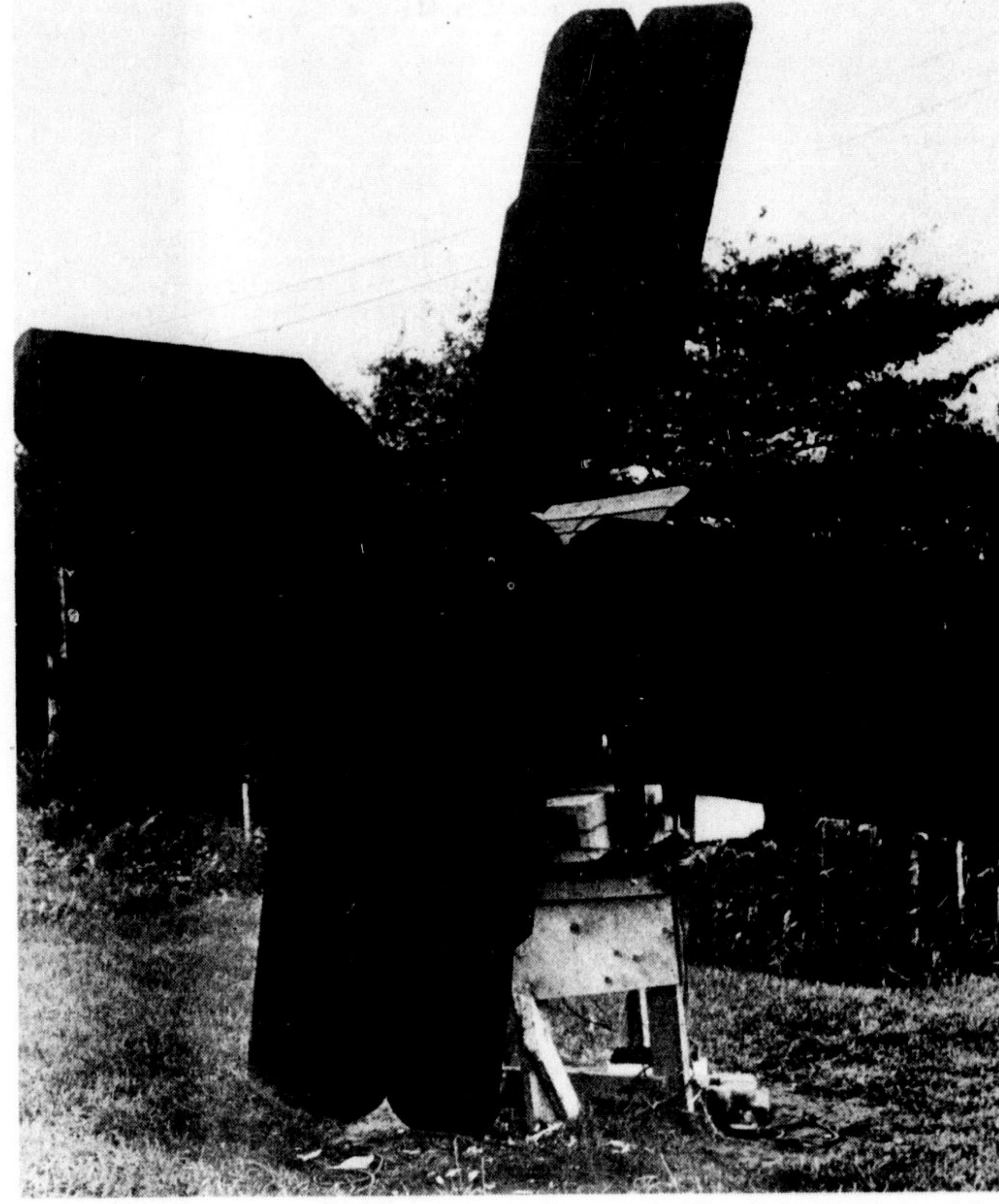
A grade nine student at General Brock, he sees a future in probably the electronics field. Right now though, he still has ideas for a windmill on a boat.



SCOTT BAILEY, at far right received plenty of interest in his project from his brother Michael, left and neighbor Steve Perrault. It was a family affair in the creation of this windmill with help and guidance coming from Scott's father and grandfather.



AN EYE IS KEPT ON THE WIND by Scott, his brother Michael, and friend Steve Perrault. An old instrument panel from a car measures the power of the windmill which, according to Scott's father Ken, can measure over five horsepower on a good windy day.



STANDING 15 feet high, the props of this windmill weigh approximately 150 pounds, requiring two people to place it in position.

Omagh: Community mourns . . .

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saucer shows there is a coffee shop close by, a telephone signifies a phone booth.

Also he showed amusing symbols used by hobos—a cat was the sign of a kind woman, four legs attached to a straight line means a cross dog and so on. Mr. Scott, an expert in electronics, spoke on hydro and the dangers from it. This was very interesting because of the recent building of the huge power lines through Halton. His talk

was informative and appreciated by all present. Thanks was expressed by Horace Blyth.

The roll call was well answered with a safety tip for Halloween. The zone meeting will be held in Elora, Wellington Place on Nov. 14.

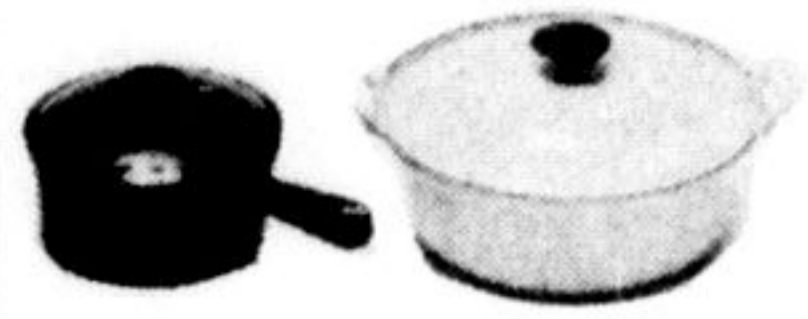
At the close coffee and donuts were served for a social half hour.

A euchre was held at Boyne Centre on Friday, Oct. 21 by the recreational committee.

Eight tables were in play and the following were prize winners, Mrs. Alfred Ford, Mrs. G. Tasker, Mrs. H. Dunn, Allan Clements, George Readhead, Mrs. Florence Teneyke. The usual fine lunch was served and a social time was enjoyed.

Winners in the Tractor Safety Competition at Plowing Match on Oct. 22 were Norman Anderson, Bill Bousfield and Douglas McPhail. Congratulations.

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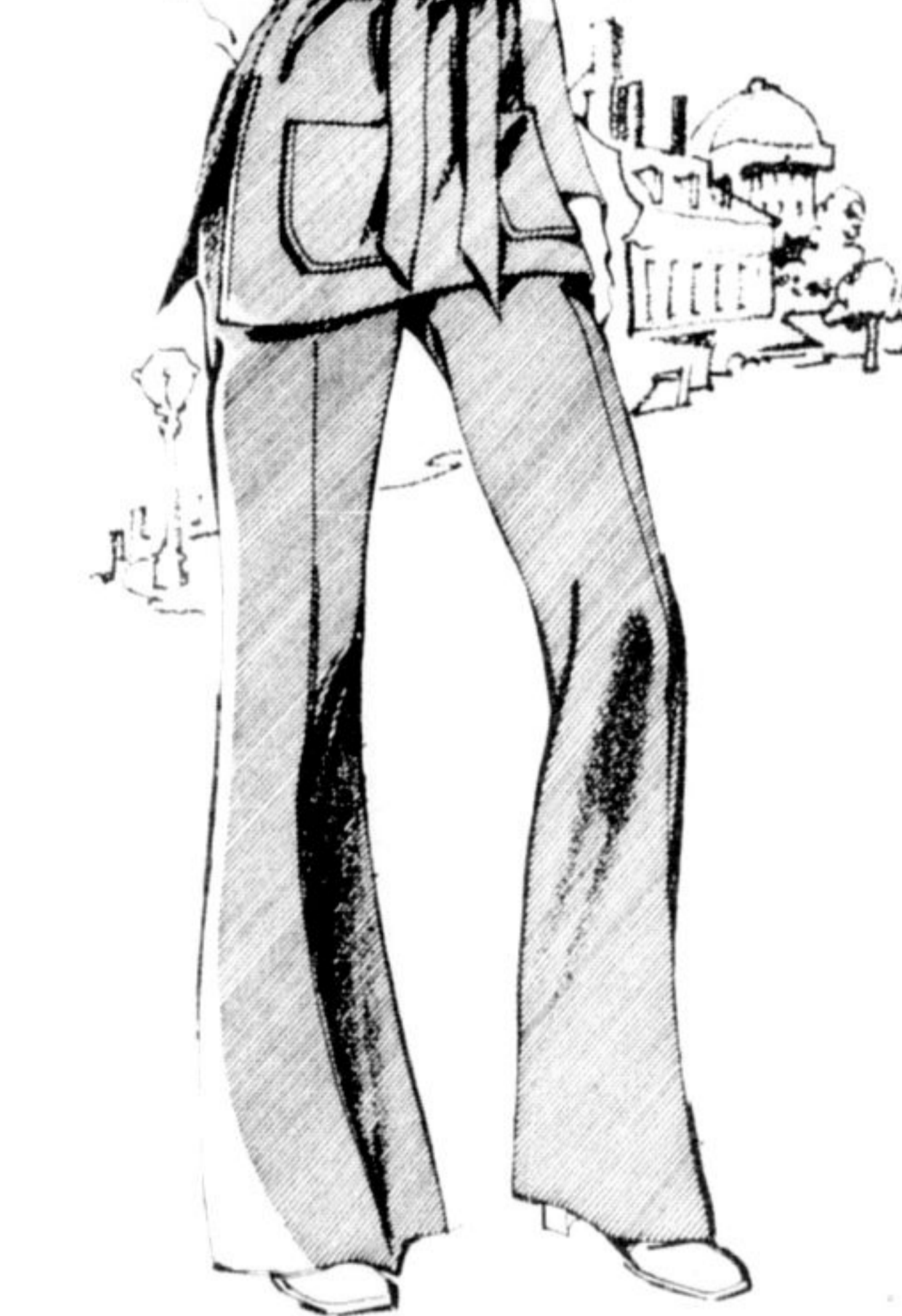
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