

SO THAT'S WHAT IT IS—Bob Reed (center), research assistant for the Texas Engineering Experiment Station here, listens to a question on the operation of a reflectometer from student Joseph D. Hinton (left) of Abilene and Thomas E. Nixon of San Antonio. Reed and William W. Caudill, research architect, used the reflectometer with models in a survey of natural lighting and ventilation of classrooms as affected by types of architecture.

Making Better Classrooms

Air, Light Now Admitted

Better lighted and ventilated classrooms for Texas children will result from research now being conducted here.

Two members of the Texas Engineering Experiment Station, William W. Caudill, research architect, and Bob H. Reed, research assistant, have already confirmed several theories about the movement of air and light in different types of classroom structures.

In cross-ventilation, the air moves faster if the outlets are larger than inlets, but the greatest volume of air flow is obtained when both inlet and outlet are at maximum.

Caudill and Reed found that ceiling heights do not materially

affect the movement of air within a classroom, but that type and location of the inlet do. Size, shape and position of the outlet has no bearing on the air's movement, so long as it is large enough to serve its purpose.

In natural lighting, they found that overhanging roofs or baffles cut down on lighting intensities, but improve distribution of light throughout the room.

Classrooms lighted from both sides and equipped with overhangs have much greater intensities and better distribution of light than those lighted from only one side, with or without overhangs.

Natural Light Okay

Natural light from both sides offer much more light and distribution is better, regardless of the type of inlet, so long as other factors are equal.

The ceiling is the most sensitive surface for reflecting and distributing light, whether the classroom is lighted from only one side or from two.

Factory In Area May Materialize

The possibility of a shoe factory being located in this area was discussed Friday during the second annual Industrial Development Conference here.

Jules D. Campbell, chief engineer for the International Shoe Co. of St. Louis, Mo., said his company favors this area of Texas. He spoke on "What Attracts Industry to a Community."

No final decision has been made, Campbell said, but one should be forthcoming within the next few weeks.

The International Shoe Co. owns 53 shoe factories and 27 other installations in various parts of the country. None are located in Texas, however.

Lt. Col. Loveless Ends Two Weeks Army Duty

Lt. Col. Sidney Loveless, chairman of the Brazos County Army Advisory Committee and district manager of the American General Life Insurance Company in College Station, is completing two weeks of active duty at Fourth Army Headquarters. He was in the plans and operations division of the Fourth Army supply section.

Advanced Degrees Conferred Here

- (Continued from Page 1)
- Petty, Bremond; John Richard Young, Jones Prairie.
- Industrial education: Teddy Boaz, Corpus Christi; J. D. Chaney, College Station; Jack R. Donnell, Pasadena; Patrick John McEnroe Jr., Victoria; Albert Martin, El Paso; Robert Dewey Nesbitt Jr., Ft. Worth; Anton M. Sevcik, El Campo.
- Aeronautical engineering, Harold D. Farris, Uvalde; Ernest Harold Lowes Jr., San Antonio.
- Civil engineering, Flavio Acaron Ortiz, Cabo Rojo, Puerto Rico; Vohnnie Lee Pearson Jr., Laredo.
- Master of science, geology, William Luther Alexander, Snyder; Bernard Dennin McGrath, Stephenville.
- Oceanography, Joe O. Bell, Winnsboro, La.; William B. Stoddard, Jr., College Station.
- Industrial engineering, Richard F. Bruckart, College Station.
- Civil engineering, Henry Orlando Case, San Bernardino, Cal.
- Electrical engineering, James Marvin Cook, West Monroe, La.; David H. De Sutter, Beaumont.
- Agronomy, Walter R. Cowley, Weslaco; Robert N. Ford, Fisher, Ark.
- Animal production, Hector de Aemas, Venezuela, S.A.
- Veterinary pathology, Donald David Dehmke, Stephenville; Ted Eugene Franklin, Bryan; P. H. Vardeman, Marfa.
- Rural sociology, Robert J. Edwards, College Station.
- Mechanical engineering, Leighton A. Evans, Weatherford; John R. Massey, Pearland.
- Animal breeding, Pesi Jamshed Gazder, Calcutta, India.
- Physics, Donald Charles Hock, North Tonawanda, N.Y.; Ralph A. Yates, Evansville, Ind.
- Animal Husbandry, Marion B. Inman Jr., San Angelo.
- Agricultural engineering, Thomas Francis Maher, Bryan.
- Soils, James L. Owens, Caldwell.
- Poultry husbandry, Harold E. Phillips, College Station; James Wilkerson, Breckenridge.
- Range Management, Paul H. Suffer, Center Point.
- Chemistry, Robert D. Wales, College Station.

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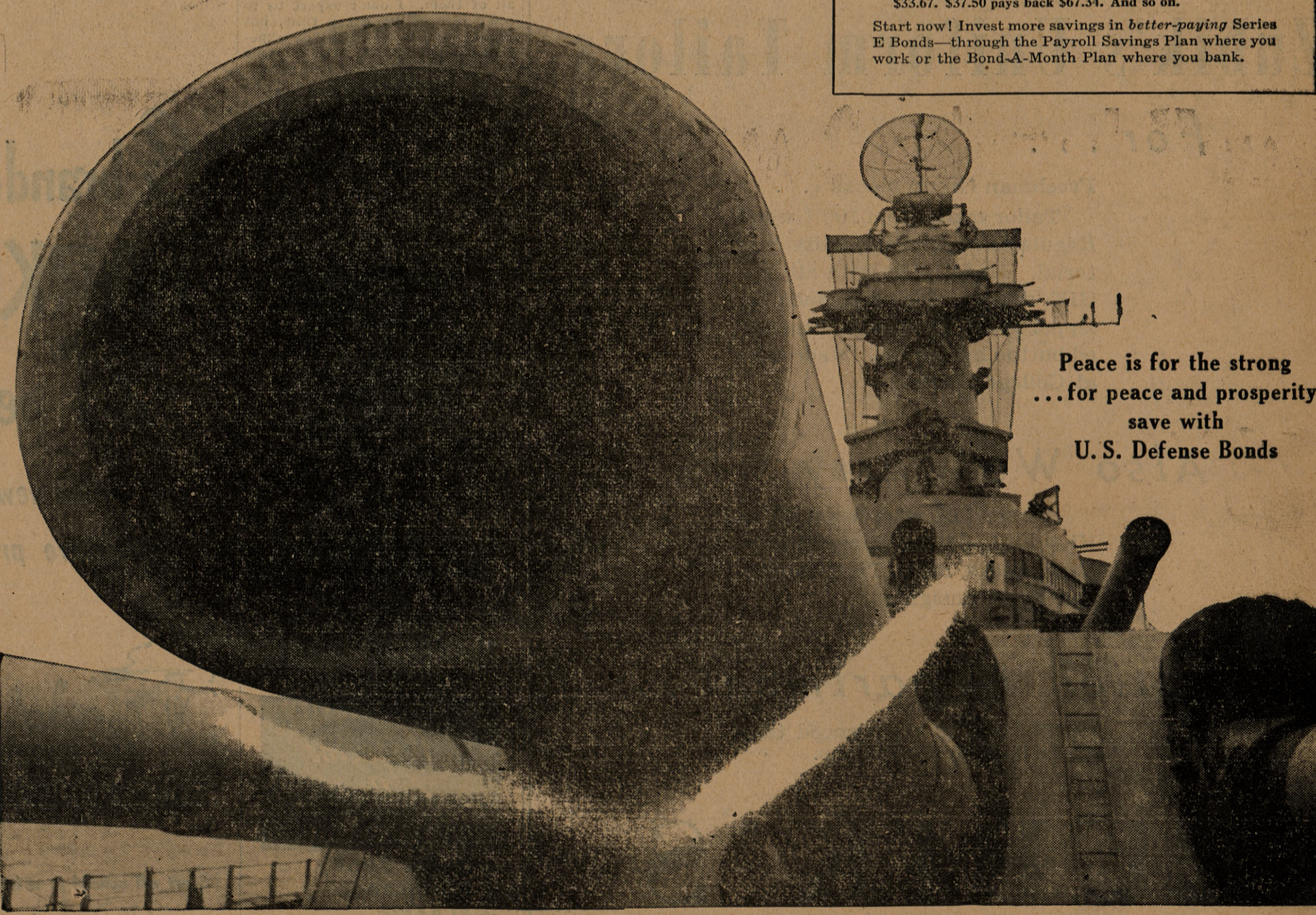
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MISCELLANEOUS

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SPECIAL NOTICE

NOTICE TO DAY STUDENT LIVING IN COLLEGE VIEW
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