

# RESULT OF TWO YEAR S' WORK **Report Studies More PE Facilities**

More space for better physical quirements" for youngsters in phy-, penditures in almost half of the education programs versus continu- sical education activities — in- districts reporting losses. ed use of expensive, poorly design- formation on air circulation, shade, Are limited shelters also usable

ed gymnasiums are questions rais- temperature, radiation and wind. for interscholastic competition? ed by research architects of the "After interviewing physiolo- While PE programs vary, these Texas Engineering Experiment gists and bioclimitologists, we shelter designs may be compatible found a lot of the answers to these with competitive athletics, provid-

40 states. It discovered that ap-

school property is devoted to phy-

Ideas they present in a research report on designing limited shelt-ers for physical education programs have sparked response from mental control in spacecraft than

However, the physical education shelter's greatest asset is its benefit to all the students in school. It In assessing the need for a new, may well provide the first traincal Education," is the culmination realistic look at PE facilities, the in ground for future athletes, they research team surveyed, by ques- added. tionaire, some 68 school systems in

"Quite often," the report notes, "the average citizen assumes that the athletic program and physi-cal education are one and the same." This is usually not the case. Indoor gym facilities generally reflect the emphasis on spectator sports, notably lack of proper ventilation and other needs required by

Field houses have been dridging the gap between the spectator sport and the PE program by opening up a greater range of



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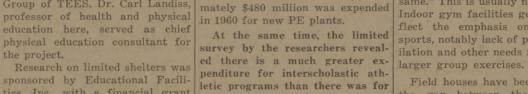
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### **Testing Air Flow Patterns**

These two architects are testing the air flow patterns in a llimited shelter. Ben H. Evans, left, Texas Engineering Experiment Station architect, and William G. Wagner, assistant professor of architecture, are co-authors of a research report on limited shelters for physical education facilities



in school."



## administered through the A&M physical education. They also learned that deficits in the athletic programs equaled the total PE ex-