

TO : G. C. Wilmoth - District Director
El Paso, Texas

FROM : A. S. Hudson - Chief, Alien Control Section
El Paso, Texas

SUBJECT: Erection of new Border Patrol Training School building on tract of land adjacent to the Pistol Range.

524 General
DATE: March 7, 1949

Attached is a rough drawing showing the floor plan of buildings which will be required for use by the Border Patrol Training School. This rough draft plan was drawn by Harlon B. Carter, Director of the Border Patrol Training School, in collaboration with me. I believe the space provided by these plans will be necessary for the training school to function efficiently.

It is proposed to utilize two buildings now in place at Santa Fe, New Mexico. One building, 30 ft. by 120 ft. with 10 ft. ceilings, would be set up for use as classrooms and offices for the director, instructors, stenographic force, etc. Another building, 20 ft. by 120 ft., would be utilized to provide a space for trainees to eat their lunch, a lounge, a gymnasium and toilet facilities. It is recommended that this building have a concrete footing, foundation and that the floors in both buildings be made of concrete raised approximately 1 ft. from the ground level. It is also recommended that the floors of the main office building be covered with asphalt tile or a similar product. It will be necessary to seal the side walls and the ceiling of this building with some type of material such as gypsum board, Celotex or any other material suitable. It will also be necessary to seal the side walls of the smaller building, but instead of placing the ceiling at the $7\frac{1}{2}$ ft. level, the ceiling should follow the rafters. Due to the cold wind and the sand, I believe it is essential that both buildings be sealed on inside side walls and ceiling.

This plan calls for two toilets and lavatories in the main building and three toilets, two urinals, six showers and two lavatories in the smaller building.

Efforts have been made to find some employee qualified to draw detailed plans and specifications in El Paso, but without success. Before definite figures can be obtained concerning construction costs, it is necessary that detailed plans and specifications be drawn up in order that the various contractors, such as building, electrical and plumbing contractors, can give definite bids for the construction work. I have made a number of inquiries concerning this type of construction and have talked to several plumbers, electricians and have been unable to get any definite bids. From what information I have obtained from big contractors, it appears that we could figure a minimum cost of \$3.00 per square foot on this type of construction, including labor and materials, after the buildings were on the ground here in El Paso. It is my opinion that a project

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of this size would cost not less than \$18,000, but probably \$25,000 before completed if it were fixed up nicely both inside and outside.

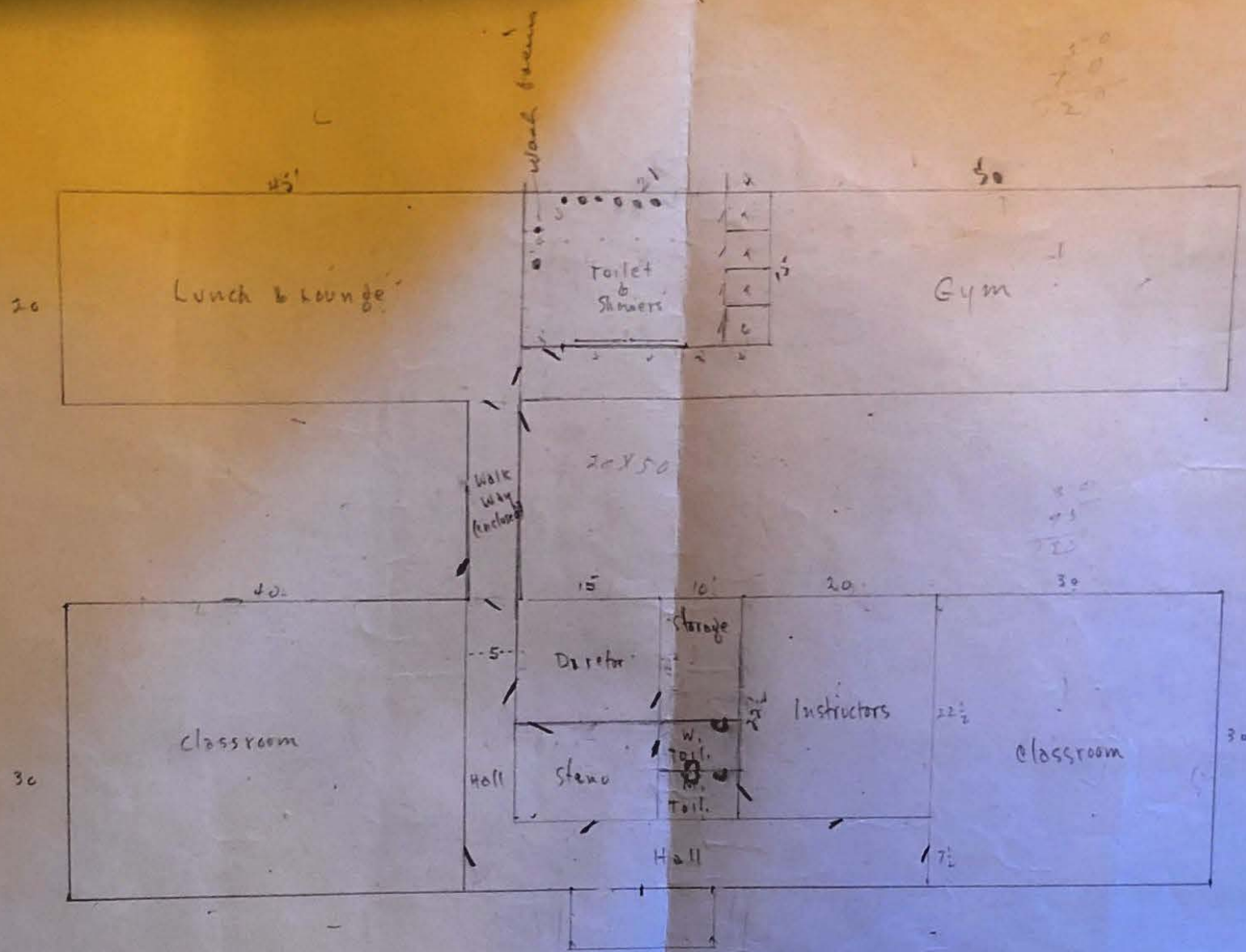
I made inquiry about heating the buildings. Natural gas is located about 2 miles from the proposed building site, and the Lea County Gas Company, which distributes gas to this area, stated that it would cost approximately \$5,000 per mile to run a gas main to the proposed site. I made inquiry concerning the use of butane gas, and I found that we could purchase a 550 gal. storage tank for \$350, which would include setting the tank in position, provided the hole was dug. One firm made an estimate of heating these two buildings, which would include the gas tank, for \$1,500 but would use what is known as day and night suspension heaters. Frankly, very little is known about these heaters, and I talked to several plumbers and they do not recommend this type of heat in such a large building. I recommend that heating be done with unit or wall panel heaters in the main building and that the large size wall panel heaters be installed in both classrooms and that the small building be heated with suspension gas heaters, blower type. This would cost approximately \$2,500. This figure is not in addition to the \$3.00 per square foot that I mentioned heretofore.

The present water supply at the Pistol Range is inadequate to supply the Border Patrol Training School. I made inquiry concerning the cost of providing an adequate system for supplying water. I recommend that we obtain a wooden storage tank of approximately 2,700 gal. capacity and place it on a galvanized steel tower approximately 20 ft. high and that we obtain a new pump and motor to supply the water from the well. It is estimated that the cost of this installation will be about \$1,500. This would be in addition to the \$3.00 per square foot mentioned heretofore.

I recommend that the rough sketch drawing be forwarded to the Central Office for their information, and if the plan has their approval, that the Central Office be requested to have detailed plans made in order that definite figures may be obtained for the erection of these buildings.

The figures quoted heretofore do not include the tearing down of the buildings at Santa Fe nor do they include the freight and drayage charges for placing them on the site of building. It is believed that labor for wrecking these buildings can be obtained from the penitentiary at Santa Fe at a cost not to exceed \$200, and it is believed that it will require five freight cars for shipping this material to El Paso. It is estimated that the minimum charge for shipment will be \$190 per car, or approximately \$1,000, for shipping the material from Santa Fe to El Paso, and, in addition, there will be a drayage charge for hauling the material from the railroad tracks to the building site.

A. S. Hudson



Move out 40' apart

Proposed Border Patrol Training School -
 Located on Land to be acquired adjacent to Pistol Range

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