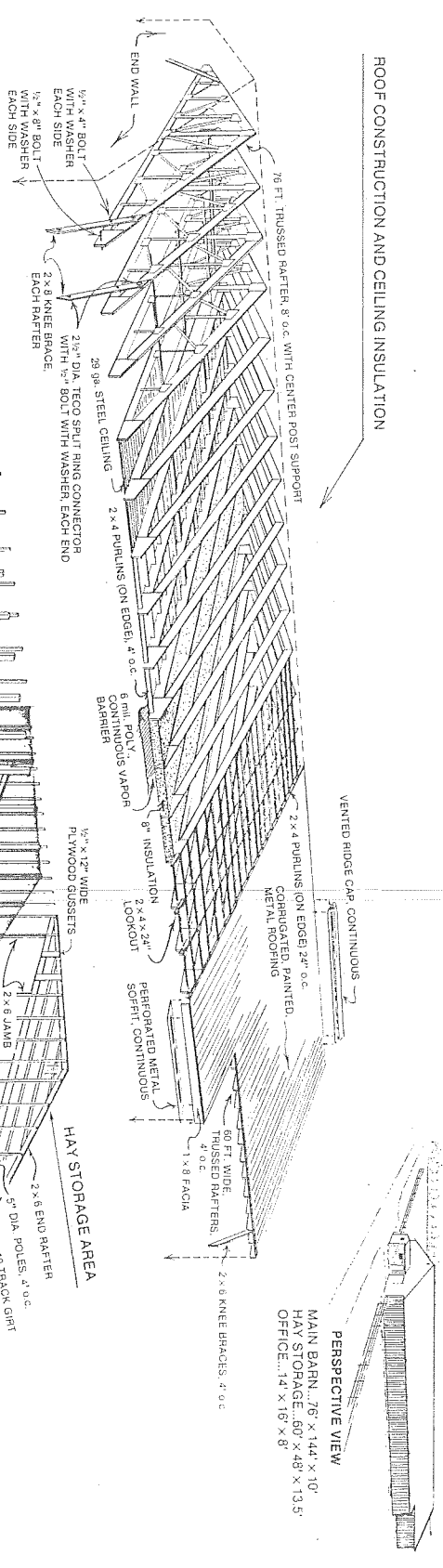


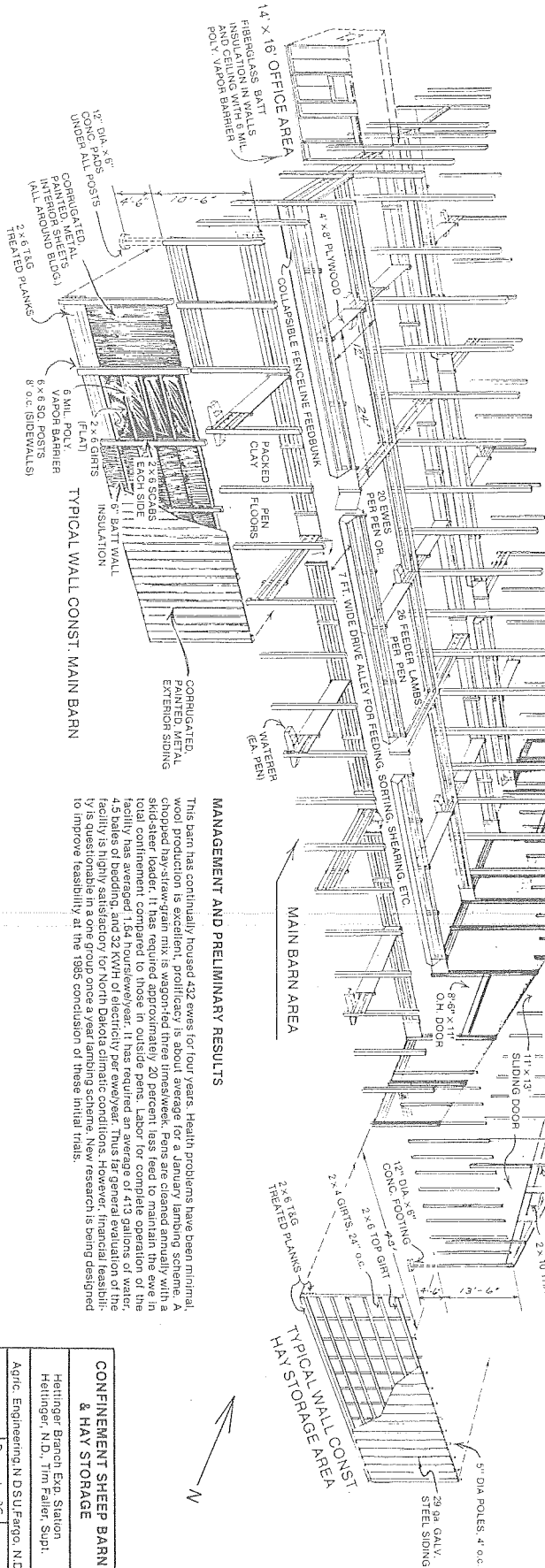
### CONFINEMENT SHEEP BARN & HAY STORAGE



ROOF CONSTRUCTION AND CEILING INSULATION

PERSPECTIVE VIEW

MAIN BARN: 76' x 144' x 10'  
 HAY STORAGE: 60' x 48' x 13.5'  
 OFFICE: 14' x 16' x 8'



TYPICAL WALL CONST. MAIN BARN

TYPICAL WALL CONST. HAY STORAGE

### MANAGEMENT AND PRELIMINARY RESULTS

This barn has continually housed 432 ewes for four years. Health problems have been minimal, wool production is excellent, profitability is about average for a January lambing scheme. A chopped hay-staw-grain mix is wagon-fed three times/week. Pens are cleaned annually with a skid-steer loader. It has required approximately 20 percent less feed to maintain the ewe in total confinement compared to those in outside pens. Labor for complete operation of the facility has averaged 1,342 hours/year. It has required an average of 413 gallons of water, 4.4 gallons of electricity, and 1.1 gallons of kerosene for the facility. A general analysis of the facility is highly satisfactory for North Dakota climatic conditions. However, research is being designed to improve feasibility at the 1985 conclusion of these initial trials.

### CONFINEMENT SHEEP BARN & HAY STORAGE

Heltinger Branch Exp. Station Heltinger, N.D., Tim Falter, Supl.	Designed by R.L. Witz	Drawn by RC	Approved by DW/J	1984
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PLAN NO. 725-1-0