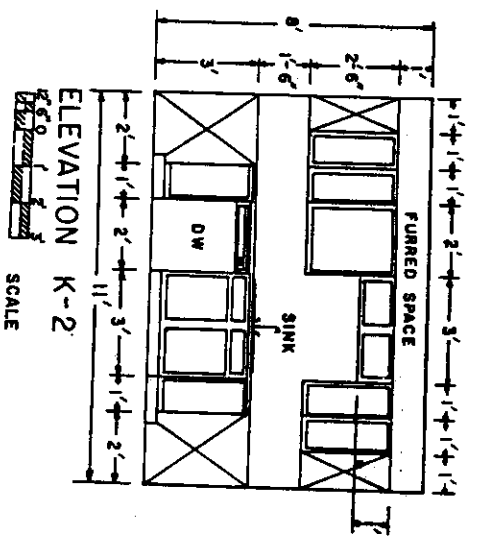
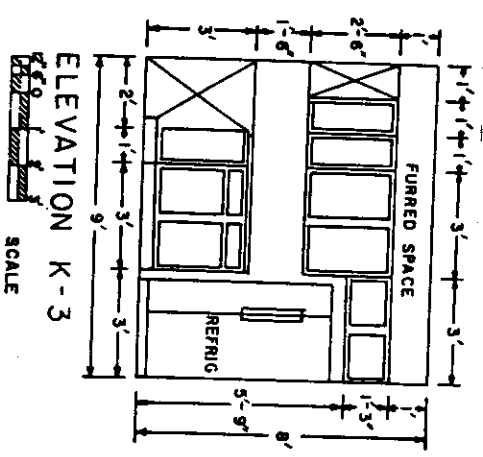


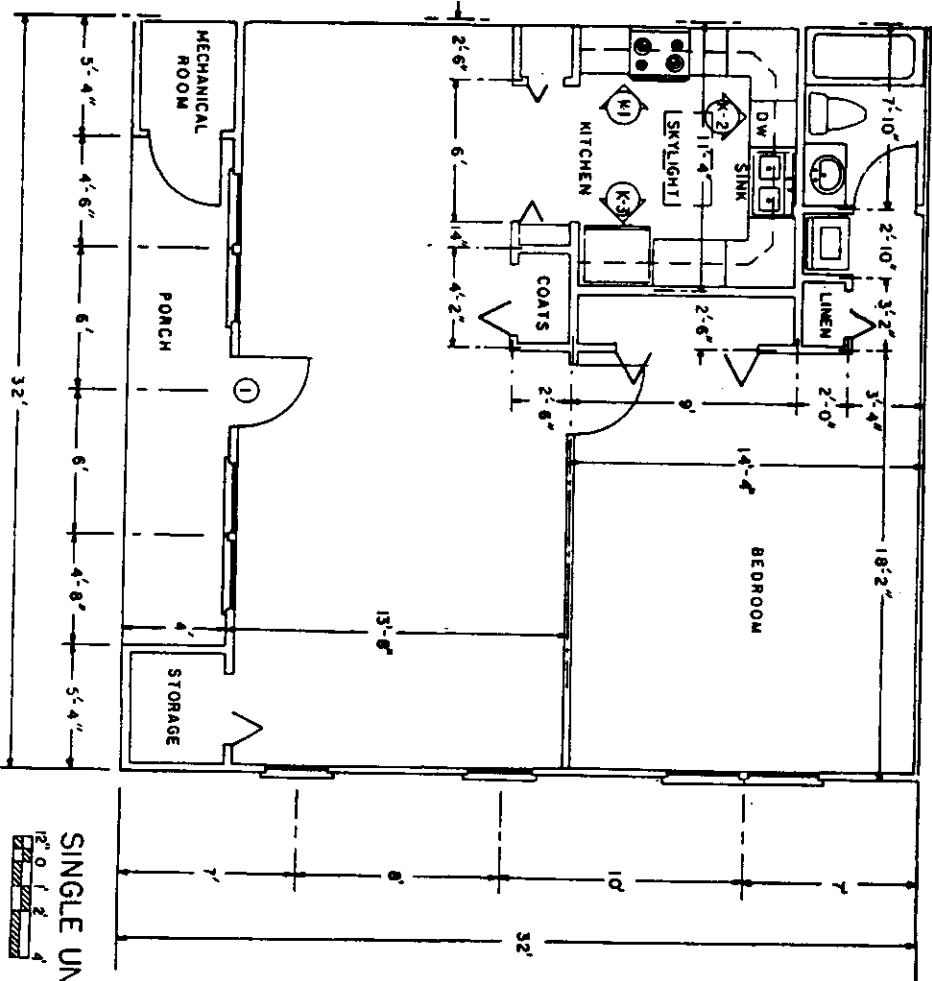
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ELEVATION K-2  
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ELEVATION K-3  
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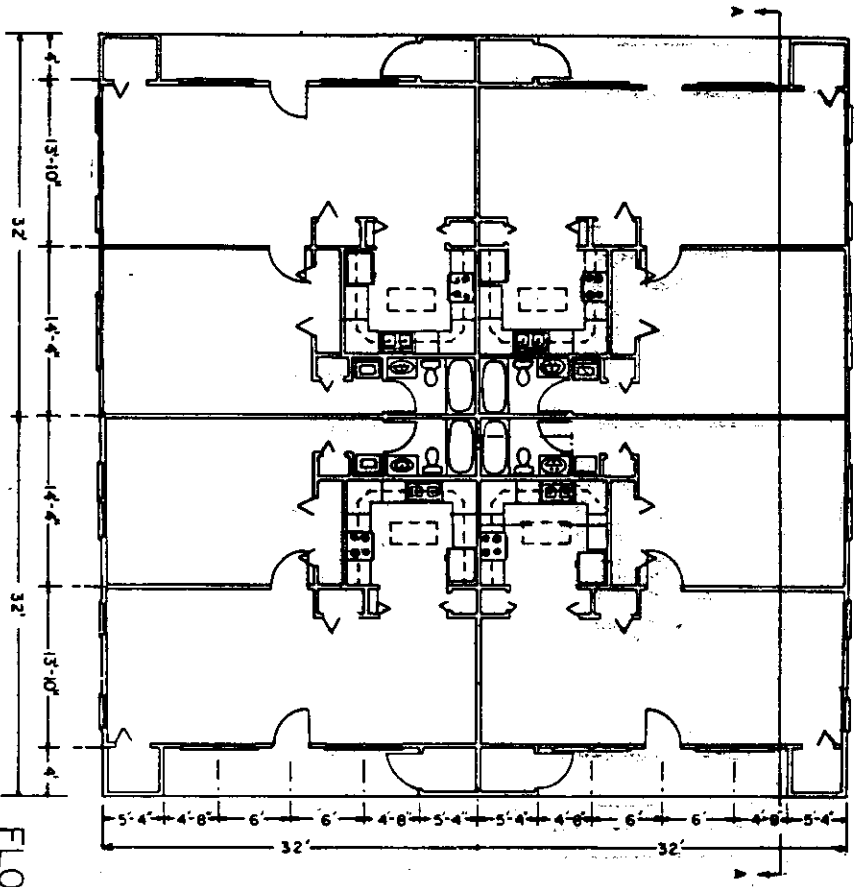
SINGLE UNIT FLOOR PLAN  
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COOPERATIVE EXTENSION SERVICE  
AGRICULTURE AND HOME ECONOMICS

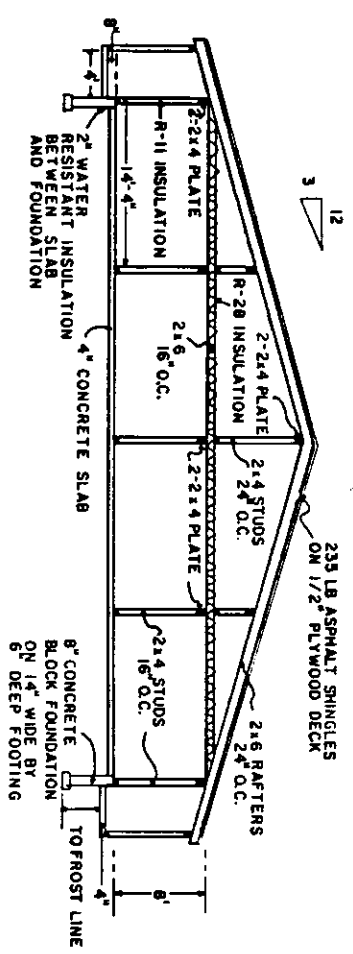
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

AND  
QUADRI - PLEX  
APARTMENT COMPLEX

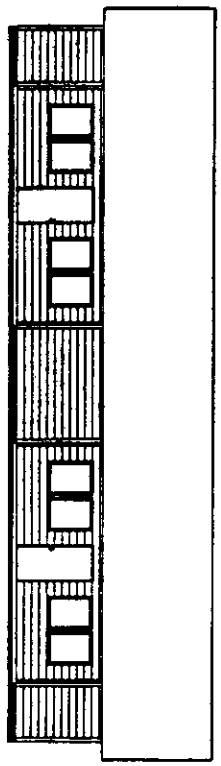
SC 88 7275 SHEET OF 2



FLOOR PLAN



TYPICAL CROSS SECTION AT AA



FRONT VIEW

- NOTES:
- THIS PLAN IS INTENDED TO ILLUSTRATE A CONCEPT FOR A UNIT, 1 BEDROOM APARTMENT COMPLEX. IT COULD BE BUILT SOMEWHAT SHORTER BUT DOLLAR SAVINGS WOULD BE RELATIVELY SMALL. CONSULT LOCAL AND STATE BUILDING CODES REGARDING REQUIREMENTS FOR MULTI FAMILY HOUSING. SPECIAL CONSIDERATIONS ARE AS FOLLOWS:
1. RAFTERS AS SHOWN SHOULD SUPPORT A 20 LB SNOW LOAD.
  2. RAFTERS SUPPORTED BY STUD WALLS SHOULD BE LESS EXPENSIVE THAN TRUSSES FOR THIS SPAN.
  3. STUD WALLS IN ATTIC SHOULD SUPPORT THE RETARDANT WALL SEPARATION IN ATTIC AS MAY BE REQUIRED BY FIRE CODES.
  4. ATTIC SHOULD BE VENTED WITH THE RIDGE AND/OR GABLE LOWERED OPENINGS @ 1 SQUARE FEET OF OPENING PER 150 SQ FEET OF FLOOR SPACE.
  5. INTERIOR WALLS THAT DIVIDE APARTMENTS WILL NEED TO BE OF FIRE RETARDANT CONSTRUCTION (CHECK CODES). 4" CONCRETE BLOCK FLOOR TO ROOF, BLOCK WALLS MAY BE A PREFERRED DESIGN FOR FIRE RESISTANCE AND SOUND INSULATION. UNDER-THE-WINDOW PROVISIONS WILL NEED TO BE MADE FOR HEATING AND AIR CONDITIONING. UNDER-THE-WINDOW UNITS ARE SUGGESTED.
  6. SLAB ON GRADE IS SHOWN. IF CHAIN SPACE IS USED, USE 2x10's, 16" O.C. - 14'-4" SPAN. THESE COULD BE SUPPORTED BY A CONTINUOUS CONCRETE BLOCK WALL ON A FOOT AND BEAM ARRANGEMENT. ALLOW AT LEAST 18" CLEARANCE IN THE CHAIN SPACES AND INSULATE BETWEEN FLOOR JOISTS, R-28. DOUBLE JOISTS UNDER HEAVY APPLIANCES.
  7. FIREPLACES ARE OPTIONAL. ALTHOUGH INTERIOR WALLS WOULD REDUCE SMOULDERING PROBLEMS, AN EXTERIOR WALL LOCATION WOULD BE BEST FOR ROOM FUNCTION AND APPEARANCE.