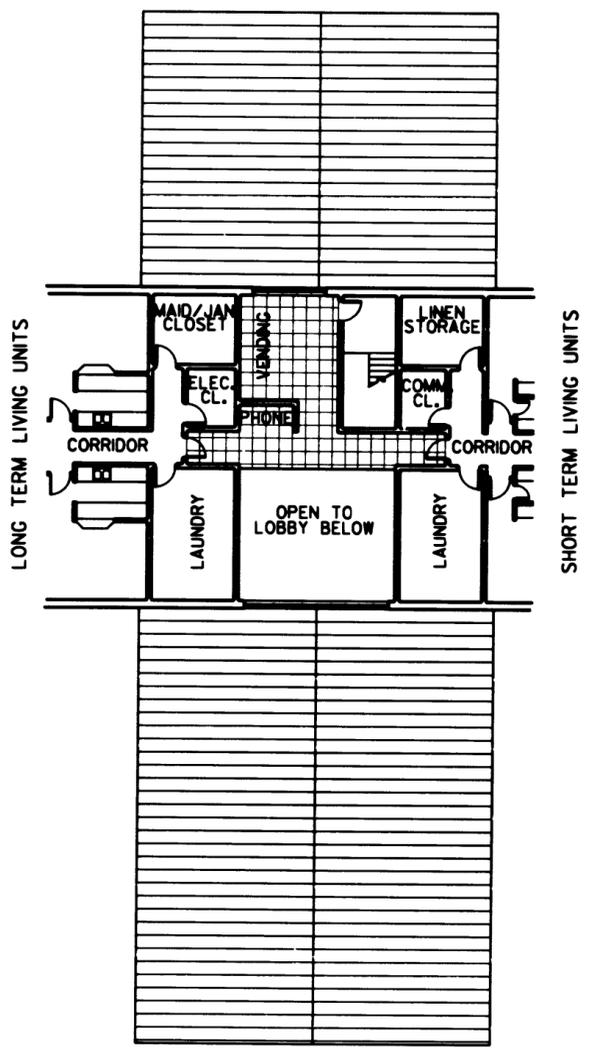
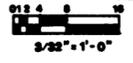


FIRST FLOOR



SECOND AND THIRD FLOOR

SUPPORT MODULES - "I-SCHEME"



- service area.
- Transition Module
    - Optional, as required.
    - Transition Modules may be placed between the core area module and the living unit wings, or between modules of four living units. The four unit per floor living unit module may not be divided.
    - Accommodates vertical changes in terrain. These modules can reduce the cost of site work and grading for a specific project by allowing the building to "step up" or "step down" a sloping site. This module should be incorporated if the change in floor levels can not be accommodated by the use of ramps or stairs in the corridor.
    - These modules also provide flexibility for the master planner by enabling him to offset two parts of the building to allow for irregular sites or to avoid natural outcroppings.
    - May provide vertical circulation between all floors and the exterior at intermediate points in the living unit wings. This would allow the building to extend beyond the limits imposed by life safety codes when exits from the corridor are provided only at each end. This would provide a cost savings over providing an elevator to accommodate more than three floors, or providing two separate facilities instead of one.
    - May also be used to break up a long facade by incorporating these modules between living unit modules.
    - Sized according to exact function, and area required for that function. (Some examples include the area required to compensate for a ten foot horizontal shift in the site, for a five foot change in grade, for an additional fire stair, etc.). More than one of these modules may be required, depending on the specific site and building restrictions.
  - Other Modules
    - Optional mud room module. Provides a washing area for the cleaning of field gear, a locker room for the storage of wet gear, and a shower room.
    - Optional covered bicycle parking module. Provides a covered and semi-protected area for the parking of bicycles.
    - Optional locker rooms with toilet facilities for janitorial personnel if requested by the installation.
    - Other functions deemed essential by the installation commander.
  - Elevators:
    - Required in facilities over three floors.
    - Elevators will be for passengers and service unless otherwise requested by the installation.
    - Detailed analysis to include determination of appropriate number of cars is required during final design.
    - The incorporation of elevators in a facility with a relatively small number of units may necessitate an increase in the lobby area. This additional scope must be considered during the programming phase.

Finish Materials:

- Flooring:
  - Carpet is recommended in the lounges, office areas, and corridors.
  - Ceramic mosaic tile is standard in the restrooms.
  - Quarry tile (slip resistant) is standard for the vestibules, lobby, laundry, and vending areas. Other options may be considered such as brick, vinyl tile, and/or carpet where applicable.
  - Circulation within the support area may be tile to match the lobby, or may be carpet to match the corridors.
  - Floor to ceiling STC value must be a minimum of 45.
  - The IIC of the floor construction must be at least 50 dB.
- Walls:
  - Patterned CMU (scored, split-face, waffle, ribbed, etc.), or CMU finished with plaster is recommended around restrooms, stair and elevator shafts, and laundries. Gypsum wall-board and other appropriate finishes may

Symbol	Description	Date	Approved

• THINK VALUE ENGINEERING - IT SAVES MONEY •

U. S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS TULSA, OKLAHOMA		
FACILITIES STANDARDIZATION PROGRAM VISITING OFFICER QUARTERS <b>SUPPORT MODULES - "I-SCHEME"</b>		
Designed by: Jay Clark		
Drawn by: Jay Clark		
Checked by: T. H. Verdel		
Submitted by: T. H. Verdel Chief, Arch. Sec.	Scale: AS SHOWN Date: NOVEMBER, 1988 Dwg. code: DEF 724-15-01	Sheet reference number: <b>V-8</b> JUL 83 Sheet 8 of 20