TYPE A CEMESTO

UNITED STATES ATOMIC ENERGY COMMISSION
OAK RIDGE TENNESSEE

PLAN
One-story, single family dwelling unit.

FOUNDATIONS
Concrete block.

EXTERIOR WALLS
Cemesto board over wood frame.

ROOF
Celo-Rok strip roofing.

FLOORS
Matched hardwood over wood sub-flooring, with linoleum over the kitchen and bathroom floors, and concrete floor in utility room.

INTERIOR PARTITIONS
Partitions and ceilings are painted gypsum board over wood studs. Bathroom walls are finished with glazed wallboard.

HEATING SYSTEM
Coal-fired, hot air furnace, thermostatically controlled.

MISCELLANEOUS
Each unit consists of living room with wood burning fireplace, two bedrooms, kitchen, bath (with shower over tub), utility room, and open porch. Each unit is furnished with an electric range and an electric water heater. Gross area 819 sq. ft. Net area 768 sq. ft. — exclusive of open porch.
TYPE B
CEMESTO

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
One-story, single family dwelling unit.

FOUNDATIONS
Concrete block.

EXTERIOR WALLS
Cemesto board over wood frame.

ROOF
Celo-Rok strip roofing.

FLOORS
Matched hardwood over wood sub-flooring, with linoleum over the kitchen and bathroom floors, and concrete floor in utility room.

INTERIOR PARTITIONS
Partitions and ceilings are painted gypsum board over wood studs. Bathroom walls are finished with glazed wallboard.

HEATING SYSTEM
Coal-fired, hot air furnace, thermostatically controlled.

MISCELLANEOUS
Each unit consists of living room with wood burning fireplace, two bedrooms, kitchen, bath (with shower over tub), utility room (with laundry tubs), and open porch. Each unit is furnished with an electric range and an electric water heater. Gross area 1024 sq. ft. Net area 960 sq. ft.
TYPE C CEMESTO

UNITED STATES ATOMIC ENERGY COMMISSION

OAK RIDGE TENNESSEE

PLAN
One-story, single family dwelling unit.

FOUNDATIONS
Concrete block.

EXTERIOR WALLS
Cemesto board over wood frame.

ROOF
Celo-Rok strip roofing.

FLOORS
Matched hardwood over wood sub-flooring, with linoleum over the kitchen and bathroom floors, and concrete floor in utility room.

INTERIOR PARTITIONS
Partitions and ceilings are painted gypsum board over wood studs. Bathroom walls are finished with glazed wallboard.

HEATING SYSTEM
Coal-fired, hot air furnace, thermostatically controlled.

MISCELLANEOUS
Each unit consists of living room with wood burning fireplace, three bedrooms, kitchen, bath (with shower over tub), utility room with laundry tubs and concrete floor, and open porch. Electric range and electric water heater are furnished with each unit. Gross area 1262 sq. ft. Net area 1184 sq. ft. —exclusive of open porch.
One-story, single family frame dwelling unit.

Concrete block.

Cemesto board over wood frame.

Celo-Rak strip roofing.

Matched hardwood over wood sub-flooring, with linoleum over the kitchen and bathroom floors, and concrete floor in utility room.

Partitions and ceilings are painted gypsum board over wood studs. Bathroom walls are finished with glazed wallboard.

Coal-fired hot air furnace, thermostatically controlled.

Each unit consists of living room with wood burning fireplace, dining room, three bedrooms, entrance hall, kitchen, bath (with shower over the tub), utility room with laundry tubs, and an open porch. An electric range and an electric water heater are furnished with each unit. Gross area 1664 sq. ft. Net area 1584 sq. ft.—exclusive of open porch. * D-2 is identical in plan with the exception — 2 baths, one located in the dressing room.
United States Atomic Energy Commission
Oak Ridge, Tennessee

**Type E Cemesto**

Typical Floor Plan

- **Plan**: Four-unit apartment building, containing two, one bedroom and two, two bedroom, unfurnished apartments.
- **Foundations**: Concrete block.
- **Exterior Walls**: Cemesto board over wood frame.
- **Roof**: Celo-Rok strip roofing.
- **Floors**: Matched hardwood over wood sub-flooring. Floors in kitchens and baths are finished in linoleum.
- **Interior Partitions**: Painted gypsum board over wood studs. Walls in baths have glazed wallboard over gypsum board.
- **Heating System**: Coal-fired central heating plant, with heat piped to all units by circulating fan. 100 of these buildings have wood-burning fireplaces in each unit.
- **Miscellaneous**: The E-1 unit is located on the first floor, at the end of the building, and consists of living room, bedroom, kitchen, bath and open porch. Gross area 538 sq. ft., net area 504 sq. ft. E-2 units consist of two bedrooms and bath upstairs, and living room, kitchen, and open porch downstairs. Gross area 860 sq. ft., net area 800 sq. ft. All units are furnished with an electric range and an electric water heater. Each unit has a shower over the tub.
TYPE F
CEMESTO

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
One-story, single family dwelling unit.

FOUNDATIONS
Concrete block.

EXTERIOR WALLS
Cemesto board over wood frame.

ROOF
Celo-Rok strip roofing.

FLOORS
Matched hardwood over wood sub-flooring, with linoleum over the kitchen and bathroom floors, and concrete floor in utility room.

INTERIOR PARTITIONS
Partitions and ceilings are painted gypsum board over wood studs. Bathroom walls are finished with glazed wallboard.

HEATING SYSTEM
Coal-fired, hot air furnace, thermostatically controlled.

MISCELLANEOUS
Each unit consists of living room with wood burning fireplace, three bedrooms, dining room, entrance hall, kitchen, bath (with shower over tub), utility room with laundry tub, two open porches, and one recessed porch. Each unit is furnished with an electric range, and an electric water heater. Gross area is 1732 sq ft. Net area 1620 sq ft.—exclusive of porches.
TYPE G
CEMESTO

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
 TENNESSEE

PLAN
One-story, single family dwelling unit.

FOUNDATIONS
Concrete block.

EXTERIOR WALLS
Cemesto board over wood frame.

ROOF
Celo-Rok strip roofing.

FLOORS
Matched hardwood over wood sub-flooring, with linoleum over the kitchen and bathroom floors, and concrete floor in utility room.

INTERIOR PARTITIONS
Partitions and ceilings are painted gypsum board over wood studs. Bathroom walls are finished with glazed wallboard.

HEATING SYSTEM
Coal-fired space heater.

MISCELLANEOUS
Each unit consists of living room, dining alcove, two bedrooms, bath with shower over tub, kitchen, storage room and an open porch. Each unit is furnished with an electric range and an electric water heater. Gross area 672 sq. ft.—exclusive of open porch.
TYPE H CEMESTO

UNITED STATES ATOMIC ENERGY COMMISSION

OAK RIDGE TENNESSEE

PLAN

One-story, single family dwelling unit.

FOUNDATIONS

Concrete block.

EXTERIOR WALLS

Cemesto board over wood frame.

ROOF

Celo-Rok strip roofing.

FLOORS

Matched hardwood over wood sub-flooring, with linoleum over the kitchen and bathroom floors, and concrete floor in utility room.

INTERIOR PARTITIONS

Partitions and ceilings are painted gypsum board over wood studs. Bathroom walls are finished with glazed wallboard.

HEATING SYSTEM

Coal-fired space heater.

MISCELLANEOUS

Each unit consists of living room, dining alcove, three bedrooms, bath with shower over the tub, kitchen, storage room, and open porch. Each unit is furnished with an electric range and an electric water heater. Gross area 810 sq. ft. Net area 768 sq. ft.—exclusive of open porch.
TYPE TDU
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
Single story dwelling unit.

FOUNDATIONS
Treated timber on concrete footings.

EXTERIOR WALLS
Wood siding or cementso shingles over wood frame.

ROOF
Asphalt shingles and rolled roofing over wood sheathing.

FLOORS
Matched hardwood over wood sub-flooring except for asphalt tile finish over wood sub-flooring in kitchen, bath and pantry.

INTERIOR PARTITIONS
Partitions and ceilings of plywood and gypsum board.

HEATING SYSTEM
Coal-fired space heater or coal-fired hot air furnace.

MISCELLANEOUS
The TDU buildings contain from one to six units per building. Each unit consists of living room, one to three bedrooms, kitchen, bath with stall shower, and pantry. Each unit is furnished with an electric range and electric water heater.

TDU-1 gross area 615 sq. ft., net area 565 sq. ft.
TDU-2 gross area 712 sq. ft., net area 672 sq. ft.
TDU-3 gross area 805 sq. ft., net area 768 sq. ft.
TYPE T
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION
OAK RIDGE
TENNESSEE

PLAN
One-story, two family, dwelling unit.

FOUNDATIONS
Treated timber on concrete footings.

EXTERIOR WALLS
Wood siding or asbestos shingle over plywood sheathing.

ROOF
Gabled roof, surfaced with either rolled roofing or Celo-Rok strip roofing.

FLOORS
Matched pine over fiber-board sub-flooring except for linoleum finish in kitchen and bathroom.

INTERIOR PARTITIONS
Gypsum board over wood studs and painted.

HEATING SYSTEM
Coal-fired space heater.

MISCELLANEOUS
T-2 (at left in plan) contains living room, two bedrooms, kitchen and bath with stall shower. Gross area 666 sq. ft., net area 650 sq. ft. T-3 (at right in plan) is the same as T-2 except that it contains three bedrooms. Gross area 766 sq. ft., net area 750 sq. ft. All units are furnished with an electric range and an electric water heater.
TYPE U HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
One-story, two family dwelling unit.

FOUNDATIONS
Treated timber on concrete footings.

EXTERIOR WALLS
Wood siding or asbestos shingles over plywood sheathing.

ROOF
Gabled roof, surfaced with either rolled roofing or Celo-Rok strip roofing.

FLOORS
Matched pine over fiber-board sub-flooring except for linoleum finish in kitchen and bathroom.

INTERIOR PARTITIONS
Gypsum board over wood studs and painted.

HEATING SYSTEM
Coal-fired space heater.

MISCELLANEOUS
Each unit consists of living room, two bedrooms, kitchen, and bath with stall shower. An electric range and electric water heater are furnished with each unit. Gross area 616 sq. ft., net area 600 sq. ft.
MODEL B-1
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
One-story, single family, frame dwelling unit.

FOUNDATIONS
Treated timber foundation.

EXTERIOR WALLS
Plywood over wood frame.

ROOF
Flat roof constructed of plywood sheathing surfaced with composition roll roofing.

FLOORS
Linoleum finish over plywood sub-flooring.

INTERIOR PARTITIONS
Partitions are of plywood over wood frame.

HEATING SYSTEM
Coal-fired space heater.

MISCELLANEOUS
Each unit consists of living room, two bedrooms, storage closet, kitchen and bath with stall shower. An electric range and electric water heater are furnished with each unit. Gross area 576 sq. ft., net area 576 sq. ft.
MODEL 31
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
 TENNESSEE

FRONT VIEW, MODEL 31, HOUSE

PLAN
One-Story, single-family frame dwelling unit.

FOUNDATIONS
Concrete slab.

EXTERIOR WALLS
Asbestos shingle, wood shingle, or wood siding.

ROOF
Solid deck and asphalt shingle covering over roof trusses.

FLOORS
Asphalt tile floor

INTERIOR PARTITIONS
Wood studs surfaced with wallboard.

HEATING SYSTEM
Forced circulating hot water heat, oil-fired, with thermostatic control. This unit also furnishes hot water.

MISCELLANEOUS
Copper flashings and gutters. Aluminum double-hung windows. Each unit contains L-shaped living-dining room, kitchen, three bedrooms, bath, entry hall, utility room and outside terrace. Electric range is furnished. Gross area is 1232 sq. ft., net area 1197 sq. ft.
MODEL 32
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
Two-story, one family, frame dwelling unit.

FOUNDATIONS
Concrete slab foundation.

EXTERIOR WALLS
Asbestos shingles, wood shingles, or wood siding.

ROOF
Solid deck-type over wood trusses, with asphalt shingles.

FLOORS
Asphalt tile finish.

INTERIOR PARTITIONS
Wood studs surfaced with wallboard and painted.

HEATING SYSTEM
Oil-fired, forced circulating hot water furnace, thermostatically controlled. This unit also furnishes hot water.

MISCELLANEOUS
Each unit consists of living-dining room, kitchen, utility room, and entrance porch on the first floor, three bedrooms and bath on the second floor. Each unit is furnished with an electric range. Gross area 1265 sq. ft., net area 1229 sq. ft.
MODEL 33
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
Two-story, one family, frame dwelling unit.

FOUNDATIONS
Concrete slab foundation.

EXTERIOR WALLS
Asbestos shingles, wood shingles, or wood siding.

ROOF
Solid deck-type over wood trusses, with asphalt shingles.

FLOORS
Asphalt tile finish.

INTERIOR PARTITIONS
Wood studs surfaced with wallboard and painted.

HEATING SYSTEM
Oil-fired, forced circulating hot water furnace, thermostatically controlled. This unit also furnishes hot water.

MISCELLANEOUS
Each unit consists of living-dining room, kitchen, half bath, utility room, and entrance porch on the first floor; four bedrooms and bath on the second floor. Each unit is furnished with an electric range. Gross area 1468 sq. ft., net area 1442 sq. ft.
MODEL 34 HOUSE

UNITED STATES ATOMIC ENERGY COMMISSION
OAK RIDGE TENNESSEE

PLAN
One-story, single family, frame dwelling unit.

FOUNDATIONS
Concrete slab foundation.

EXTERIOR WALLS
Asbestos shingles, wood shingles, or wood siding.

ROOF
Solid deck-type over wood trusses, with asphalt shingles.

FLOORS
Asphalt tile finish.

INTERIOR PARTITIONS
Partitions and ceilings surfaced with wallboard and painted.

HEATING SYSTEM
Oil-fired, forced circulating hot water furnace, thermostatically controlled.

MISCELLANEOUS
Each unit contains living-dining room, kitchen, utility room, three bedrooms, bath, and entrance porch. Each unit is furnished with an electric range and an electric water heater. Net area 1209 sq. ft.
MODEL 15
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION
OAK RIDGE
TENNESSEE

PLAN
One-story, concrete block, single family dwelling unit.

FOUNDATIONS
Concrete slab foundations.

EXTERIOR WALLS
Concrete bearing walls, block exterior.

ROOF
Wood rafters with 20 year built-up roof over wood sheathing.

FLOORS
Asphalt tile floors over concrete slab.

INTERIOR PARTITIONS
Two-coat plaster partitions and ceilings.

HEATING SYSTEM
Radiant-type in floor slab, fired by oil furnace with thermostatic control.

MISCELLANEOUS
Aluminum double-hung windows. Each unit contains living-dining room, two bedrooms, kitchen, bath with tub and shower combination, utility room and entrance porch. Electric range and electric water heater are furnished with each unit. Gross area 854 sq. ft., net area 805 sq. ft.
MODEL 16
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
One-story, concrete block, single family dwelling unit.

FOUNDATIONS
Concrete slab foundations.

EXTERIOR WALLS
Concrete bearing walls, block exterior.

ROOF
Wood rafters with 20 year built-up roof over wood sheathing.

FLOORS
Asphalt tile floors over concrete slab.

INTERIOR PARTITIONS
Two-coat plaster partitions and ceilings.

HEATING SYSTEM
Radiant-type in floor slab, fired by oil furnace with thermostatic control.

MISCELLANEOUS
Aluminum double-hung windows. Each unit contains living-dining room, bedrooms, kitchen, bath with tub and shower combination, utility room and entrance porch. Electric range and electric water heater are furnished with each unit. Gross area 854 sq. ft., net area 805 sq. ft.
MODEL 17
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
One-story, concrete block, single family dwelling unit.

FOUNDATIONS
Concrete slab foundation.

EXTERIOR WALLS
Concrete bearing walls, block exterior.

ROOF
Wood rafters with 20 year built-up roof over wood sheathing.

FLOORS
Asphalt tile floors over concrete slab.

INTERIOR PARTITIONS
Two-coat plaster interior partitions and ceilings.

HEATING SYSTEM
Radiant-type in floor slab, fired by oil furnace with thermostatic control.

MISCELLANEOUS
Aluminum double-hung windows. Each unit contains living-dining room, three bedrooms, kitchen, bath with tub and shower combination, utility room and entrance porch. Electric range and electric water heater are furnished with each unit. Gross area 1035 sq. ft., net area 987 sq. ft.
MODEL 18
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
One-story, concrete block, single
family dwelling unit.

FOUNDATIONS
Concrete slab foundation.

EXTERIOR WALLS
Concrete bearing walls with con-
crete block exterior.

ROOF
Wood rafters, wood roof sheath-
ing, with 20 year built-up roof.

FLOORS
Asphalt tile over concrete slab.

INTERIOR PARTITIONS
Interior walls and ceilings of two-coat plaster.

HEATING SYSTEM
Radiant heat in floor slab, fired by oil furnace with thermostatic control.

MISCELLANEOUS
Double-hung aluminum windows. Each unit contains combination living-
dining room, three bedrooms, kitchen, bath with tub and shower combina-
tion, utility room and concrete entrance porch. Electric range and electric
water heater are furnished with each unit. Gross area 1084 sq. ft., net area
1018 sq. ft.
MODEL 19
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
One-story frame, single family dwelling unit.

FOUNDATIONS
Concrete block foundation.

EXTERIOR WALLS
Wood frame siding.

ROOF
Gable-type, asphalt shingle over wood sheathing.

FLOORS
Wood sub-flooring with asphalt tile finish.

INTERIOR PARTITIONS
Partitions and ceilings of wallboard.

HEATING SYSTEM
Coal-fired hot air furnace.

MISCELLANEOUS
Aluminum double-hung windows. Each unit contains combination living-dining room, three bedrooms, kitchen, bath and utility room. Electric range and electric water heater are furnished with each unit. Gross area 904 sq. ft., net area 904 sq. ft.
MODEL 20
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
One-story, two family, frame dwelling unit.

FOUNDATIONS
Concrete block foundation.

EXTERIOR WALLS
Asbestos or cedar shingles.

ROOF
Hipped-type roof with asphalt shingles.

FLOORS
Wood sub-floors finished with asphalt tile.

INTERIOR PARTITIONS
Partitions and ceilings of wallboard.

HEATING SYSTEM
Coal-fired circulating space heater.

MISCELLANEOUS
Double-hung aluminum windows. Each unit contains combination living-dining room, two bedrooms, kitchen, bath and utility room. Electric range and electric water heater are furnished with each unit. Gross area 696 sq. ft., net area 696 sq. ft.
Model 21 House

United States Atomic Energy Commission

Oak Ridge Tennessee

Plan
One-story concrete block, two family dwelling unit.

Foundations
Concrete block foundation.

Exterior Walls
Concrete block.

Roof
Hipped-type roof, with asphalt shingles.

Floors
Wood sub-floor finished with asphalt tile.

Interior Partitions
Partitions and ceilings of wallboard.

Heating System
Coal-fired circulating space heater.

Miscellaneous
Each unit contains living-dining room, three bedrooms, kitchen, bath, and utility room. Each unit is furnished with electric range and electric water heater. Gross area per unit is 896 sq. ft., net area 896 sq. ft.
MODEL 22 HOUSE

UNITED STATES ATOMIC ENERGY COMMISSION

OAK RIDGE TENNESSEE

PLAN
One-story, single family, frame dwelling unit.

FOUNDATIONS
Concrete block foundation.

EXTERIOR WALLS
Asbestos or cedar shingles.

ROOF
Gabled roof with asphalt shingles.

FLOORS
Wood sub-floor with asphalt tile finish.

INTERIOR PARTITIONS
Partitions and ceilings of wallboard and painted wood.

HEATING SYSTEM
Coal-fired hot air furnace.

MISCELLANEOUS
Double-hung aluminum windows. Each unit contains living-dining room, four bedrooms, kitchen, bath with tub and shower combination, and utility room. Each unit is furnished with electric range and electric water heater. Gross area 1073 sq. ft., net area 1073 sq. ft.
PLAN
One-story, two family, frame dwelling unit.

FOUNDATIONS
Concrete block foundation.

EXTERIOR WALLS
Asbestos or cedar shingles.

ROOF
Gabled roof with asphalt shingle.

FLOORS
Matched hardwood over sub-flooring.

INTERIOR PARTITIONS
Partitions and ceiling of wall-board.

HEATING SYSTEM
Coal-fired space heater with circulating fan.

MISCELLANEOUS
Each unit consists of living-dining room, two bedrooms, kitchen, bath and utility room. Electric range and electric water heater are furnished in each unit. Gross area 576 sq. ft., net area 576 sq. ft.

*Models 23 and 24 are identical, except that Model 23 has a hipped roof, and Model 24 has a gabled roof.
**TYPE K**
**MULTI-FAMILY**

**UNITED STATES ATOMIC ENERGY COMMISSION**

**OAK RIDGE TENNESSEE**

---

**PLAN**
Two-story multi-family frame dwelling unit.

**FOUNDATIONS**
Concrete block on concrete footings.

**EXTERIOR WALLS**
Wood siding over gypsum board sheathing.

**ROOF**
Deck-type roof, with two-ply felt and two-ply mineral-surfaced composition roofing over wood sheathing.

**FLOORS**
Matched hardwood over wood sub-flooring with the exception of first floor, kitchen and bath which are concrete with asphalt tile finish.

**INTERIOR PARTITIONS**
Gypsum board with sound-deadening insulation.

**HEATING SYSTEM**
Coal-fired hot air furnace.

**MISCELLANEOUS**
Heat and hot water are furnished from central facilities. Each building contains two K-1 (one bedroom) units and two K-2 (two bedroom) units. Each K-1 units (located on first floor) contains living room, bedroom, kitchen, bath with stall shower, and open porch. Gross area 790 sq. ft., net area 656 sq. ft. K-2 units contain living room, two bedrooms, bath, kitchen, and open porch. Gross area 904 sq. ft., net area 775 sq. ft. Electric ranges are furnished.
TYPE L DUPLEX

UNITED STATES ATOMIC ENERGY COMMISSION

OAK RIDGE TENNESSEE

FLOOR PLAN—BOTH UNITS

PLAN
Two-story two family frame dwelling unit.

FOUNDATIONS
Concrete block on concrete footings.

EXTERIOR WALLS
Wood siding over gypsum board sheathing.

ROOF
Deck-type roof, with two-ply felt and two-ply composition over wood sheathing.

FLOORS
Matched hardwood over wood sub-flooring, except for concrete floor in utility room, and linoleum finish in kitchen and bath.

INTERIOR PARTITIONS
Gypsum board with sound-deadening insulation.

HEATING SYSTEM
Coal-fired hot air furnace located in utility room.

MISCELLANEOUS
L-3 consists of three bedrooms and bath upstairs, with living room, kitchen and utility room on ground floor. Gross area 1184 sq. ft., net area 1134 sq. ft. L-2 consists of two bedrooms and bath upstairs with downstairs floor plan identical to L-3. Gross area 913 sq. ft., net area 870 sq. ft. Electric range and electric water heater furnished with each unit.
TYPE N
APARTMENTS

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
Two-story apartment building.

FOUNDATIONS
Concrete block.

EXTERIOR WALLS
Wood siding over wood frame.

ROOF
Two-ply felt and two-ply composition over wood sheathing.

FLOORS
Matched hardwood over wood sub-flooring with linoleum finish in kitchen and bath.

INTERIOR PARTITIONS
Partitions and ceilings are of painted gypsum board over wood studs.

HEATING SYSTEM
Centrally located coal-fired boiler with heat piped to radiators in each unit.

MISCELLANEOUS
Two concrete fire walls divide building into three sections. Each building contains 12 units — 6 units on first floor, 6 units on second floor. There is a two-story porch running entire length of building with steps at either end. Entrance is by door opening onto porch. Each unit consists of living room, bedroom, bath and kitchen. All units are furnished. Gross area 624 sq. ft., net area 578 sq. ft.
DORMITORY BUILDING

UNITED STATES ATOMIC ENERGY COMMISSION

OAK RIDGE TENNESSEE

PLAN
One-story, dormitory buildings.

FOUNDATIONS
Concrete slab.

EXTERIOR WALLS
Concrete block.

ROOF
Built-up tar and gravel roof.

FLOORS
Concrete, painted.

INTERIOR PARTITIONS
Dry wall construction.

HEATING SYSTEM
Steam heat from central plant attached to end of building.

MISCELLANEOUS
These buildings were planned so that they may be converted into two-room apartments at relatively small expense.
GARDEN APARTMENTS

UNITED STATES
ATOMIC ENERGY COMMISSION

OAK RIDGE
TENNESSEE

PLAN
Two and three-story walk-up apartment buildings.

FOUNDATIONS
Concrete slab.

EXTERIOR WALLS
Concrete block.

ROOF
Built-up flat roof and bonded.

FLOORS
Asphalt tile.

INTERIOR PARTITIONS
Plaster walls and ceilings.

HEATING SYSTEM
Steam heat from central steam plant.

MISCELLANEOUS
Each unit consists of living-dining room, kitchen, two bedrooms, bath (with shower over tub), screened-in porch, and storage locker in basement. All units are furnished with electric range and refrigerator. Gross area 1330 sq. ft., net area 984 sq. ft.
One and two-bedroom apartments, each with car port.
Concrete and cement block.
Concrete block on first floor, redwood siding on second floor.
Built-up flat roof and bonded.
Asphalt tile.
Plaster walls and ceilings.
Steam heat from central steam plant.
Car port furnished with each unit. The one-bedroom units contain living-dining room, one bedroom, wall-type kitchenette, bath (with shower over tub), and car port. Electric range and refrigerator are furnished. Gross area 911 sq. ft., net area 638 sq. ft.
Two-bedroom units contain living-dining room, kitchen, bath with shower over tub, sun deck and car port. Gross area 1458 sq. ft., net area 1081 sq. ft. Stairways in each building are of concrete and steel. Storage locker in basement for each unit.
TYPE A-1
EFFICIENCY APARTMENT

UNITED STATES
ATOMIC ENERGY COMMISSION

OAK RIDGE
TENNESSEE

PLAN
Two-story U-shaped apartment building.

FOUNDATIONS
Concrete block on concrete footings.

EXTERIOR WALLS
Asbestos cement fiber-board on wood frame.

ROOF
Mineral surfaced composition over insulation board and wood sheathing.

FLOORS
Corridors and bedrooms have matched hardwood over sub-flooring, with linoleum finish on all other floors.

INTERIOR PARTITIONS
Partitions and ceilings are of painted gypsum board over wood studs, with sound-deadening insulation boards between apartments, bathrooms, etc.

HEATING SYSTEM
Building is heated by steam from a central heating plant.

MISCELLANEOUS
Each unit consists of one bedroom, bath with stall shower and wall-type kitchenette. Each unit is furnished. There are 65 of these units. Ventilation is from three exhaust fans located in the roof monitors. Hot water is furnished from the central storage tank in the basement. Gross area (each unit) 353 sq. ft., net area (each unit) 321 sq. ft.
TYPE A-2 & A-3 EFFICIENCY APARTMENT

UNITED STATES ATOMIC ENERGY COMMISSION
OAK RIDGE TENNESSEE

PLAN
Two-story, rectangular shaped apartment building.

FOUNDATIONS
Concrete block on concrete footings.

EXTERIOR WALLS
Asbestos cement fiberboard over wood frame.

ROOF
Mineral surfaced composition over insulation board and wood sheathing.

FLOORS
Corridors, living rooms and bedrooms have matched hardwood over subflooring, with linoleum finish on all other floors.

INTERIOR PARTITIONS
Partitions and ceilings are of painted gypsum board over wood studs, with sound deadening insulation boards between apartments, bathrooms, etc.

HEATING SYSTEM
Building is heated by steam from a central heating plant.

MISCELLANEOUS
This apartment building consists of one unit with living room, two bedrooms, bath with stall shower, and wall-type kitchenette and 23 units with living room, bedroom, bath with stall shower and wall-type kitchenette. All units are furnished. Hot water is furnished from storage tank located in basement. Ventilation is furnished from two exhaust fans located in the roof monitors. Type A-2—gross area 613 sq. ft., net area 500 sq. ft. Type A-3—gross area 763 sq. ft., net area 500 sq. ft.
MODEL 25 APARTMENTS

UNITED STATES ATOMIC ENERGY COMMISSION

OAK RIDGE TENNESSEE

PLAN Three-story brick walk-up apartment building.

FOUNDATIONS Concrete block foundation.

EXTERIOR WALLS Brick.

ROOF Built-up, bonded roof.

FLOORS Concrete floors finished with asphalt tile.

INTERIOR PARTITIONS Concrete block covered with gypsum board.

HEATING SYSTEM Steam heat from central heating plant.

MISCELLANEOUS Each unit consists of living-dining room, one bedroom, kitchen, and bath with recessed tile tub and shower combination. Each unit is furnished with an electric range and refrigerator. Hot water is supplied from a storage tank in basement. There are individual storage lockers in the basement for each unit. Net area 584 sq. ft. There are 186 of these units.
MODEL 26 APARTMENTS

UNITED STATES ATOMIC ENERGY COMMISSION

OAK RIDGE TENNESSEE

FRONT VIEW, MODEL 26, APARTMENTS

PLAN
Three-story brick walk-up apartment building.

FOUNDATIONS
Concrete block foundation.

EXTERIOR WALLS
Brick.

ROOF
Built-up, bonded roof.

FLOORS
Concrete floors finished with asphalt tile.

INTERIOR PARTITIONS
Concrete block covered with gypsum board.

HEATING SYSTEM
Steam heat from central heating plant.

MISCELLANEOUS
Each unit consists of living-dining room, one bedroom, kitchen, and bath with recessed tile tub and shower combination. Each unit is furnished with an electric range and refrigerator. Hot water is supplied from the storage tank in basement. There are individual storage lockers in the basement for each unit. Net area 550 sq. ft. There are 96 of these units.
MODEL 27 APARTMENTS

UNITED STATES ATOMIC ENERGY COMMISSION

OAK RIDGE TENNESSEE

PLAN
Two-story brick walk-up apartment building.

FOUNDATIONS
Concrete and concrete block foundation.

EXTERIOR WALLS
Brick.

ROOF
Built-up, bonded roof.

FLOORS
Concrete floors finished with asphalt tile.

INTERIOR PARTITIONS
Concrete block or gypsum board, with ceilings finished in plaster.

HEATING SYSTEM
Heat is furnished from a central steam heat plant.

MISCELLANEOUS
Each unit consists of living-dining room, two bedrooms, kitchen, and bath with recessed tile tub and shower combination. Each unit is furnished with an electric range and refrigerator. Hot water is furnished by a storage tank in the basement. Gross area 946 sq. ft., net area 782 sq. ft. There are 40 of these units.
MODEL 28
APARTMENTS

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
Two-story, brick walk-up apartments.

FOUNDATIONS
Concrete block.

EXTERIOR WALLS
Brick.

ROOF
Flat, built-up bonded roof.

FLOORS
Asphalt tile.

INTERIOR PARTITIONS
Concrete block and gypsum board, ceilings finished with plaster.

HEATING SYSTEM
Steam heat from central plant.

MISCELLANEOUS
Hot water from storage tank in the basement. There are 28 of these units, each having a living-dining room, three bedrooms, kitchen, and bath with recessed tile tub and shower combination. Each unit is furnished with an electric range and refrigerator. Gross area 1193 sq. ft., net area 947 sq. ft.
TYPE A-6
HOUSE
UNITED STATES
ATOMIC ENERGY
COMMISSION
OAK RIDGE
TENNESSEE

PLAN
One-story, single family, frame dwelling unit.

FOUNDATIONS
Treated timber.

EXTERIOR WALLS
Wood frame surfaced with plywood.

ROOF
Flat roof surfaced with deck canvas over plywood sheathing.

FLOORS
Linoleum finish over plywood sub-flooring.

INTERIOR PARTITIONS
Partitions are of plywood.

HEATING SYSTEM
Coal-fired space heater.

MISCELLANEOUS
Each unit consists of living room, bedroom, storage closet, kitchen, and bath with stall shower. Each unit is furnished with an electric range and an electric water heater. Gross area 368 sq ft., net area 368 sq ft.

* No Longer in Existence *
MODEL C-1
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
One-story, single family, frame dwelling unit.

FOUNDATIONS
Treated timber foundation.

EXTERIOR WALLS
Plywood over wood frame.

ROOF
Flat roof constructed of plywood sheathing surfaced with composition roll roofing.

FLOORS
Linoleum finish over plywood subflooring.

INTERIOR PARTITIONS
Partitions are of plywood over wood frame.

HEATING SYSTEM
Coal-fired space heater.

MISCELLANEOUS
Each unit consists of living room, three bedrooms, storage closet, kitchen, and bath with stall shower. An electric range and electric water heater are furnished with each unit. Gross area 768 sq. ft., net area 768 sq. ft.
TYPE S HOUSE

UNITED STATES ATOMIC ENERGY COMMISSION

OAK RIDGE TENNESSEE

PLAN
One story, single family, frame dwelling.

FOUNDATIONS
Treated timber.

EXTERIOR WALLS
Plywood over wood frame.

ROOF
Plywood sheathing surfaced with roll roofing.

FLOORS
Linoleum finish over plywood subflooring.

INTERIOR PARTITIONS
Plywood over wood frame.

HEATING SYSTEM
Coal-fired space heater.

MISCELLANEOUS
Each unit consists of living room, bedroom, kitchen and bath with stall shower. Electric range and an electric water heater are furnished with each unit. Gross area 384 sq. ft.; net area 384 sq. ft.
TYPE V
HOUSE

UNITED STATES
ATOMIC ENERGY
COMMISSION

OAK RIDGE
TENNESSEE

PLAN
One-story, single family dwelling unit.

FOUNDATIONS
Treated timber.

EXTERIOR WALLS
Plywood over wood frame.

ROOF
Flat roof surfaced with one-ply composition roofing over plywood sheathing.

FLOORS
Hard mastic finish over plywood on frame wood joists.

INTERIOR PARTITIONS
Partitions and ceilings are of plywood.

HEATING SYSTEM
Coal-fired space heater.

MISCELLANEOUS
Each unit contains living room, two bedrooms, kitchen and bath with stall shower. An electric range and an electric water heater are furnished with each unit. Gross area 528 sq. ft.
MODEL 29 APARTMENTS
UNITED STATES ATOMIC ENERGY COMMISSION
OAK RIDGE TENNESSEE

PLAN
Two-story brick apartments.

FOUNDATIONS
Brick foundation.

EXTERIOR WALLS
Walls are of brick and stucco on wood frame.

ROOF
Gabled roof over wood trusses with solid deck, asphalt shingles.

FLOORS
First floor finished with asphalt tile; second floor finished with matched hardwood.

INTERIOR PARTITIONS
Partitions and ceilings are of painted wallboard.

HEATING SYSTEM
Oil-fired, circulating hot water furnace, thermostatically controlled, operated by tenant. Hot water is also obtained from this heating plant.

MISCELLANEOUS
Each unit consists of living-dining room, kitchen and utility room on the first floor; three bedrooms, and bath with tub and shower combination on the second floor. Each unit is furnished with an electric range. Gross area 1084 sq. ft., net area 1056 sq. ft.
MODEL 30
DUPLEX

UNITED STATES
ATOMIC ENERGY
COMMISSION
OAK RIDGE
TENNESSEE

PLAN
Two-story brick dwelling unit.

FOUNDATIONS
Brick foundation.

EXTERIOR WALLS
Brick.

ROOF
Gabled roof over wood trusses with solid deck, asphalt asbestos shingles.

FLOORS
First floor finished with asphalt tile, second floor finished with matched hardwood.

INTERIOR PARTITIONS
Partitions and ceilings are of painted wallboard.

HEATING SYSTEM
Oil-fired, circulating hot water furnace, thermostatically controlled, operated by tenant. Hot water is also obtained from this heating plant.

MISCELLANEOUS
Each unit consists of living-dining room, kitchen and utility room on the first floor; three bedrooms and bath on the second floor. Each unit is furnished with an electric range. Gross area 1176 sq. ft., net area 1124 sq. ft.
Frame apartment building, each with 13 two-bedroom and 7 one-bedroom furnished apartments.

Masonry foundation.

Wood frame.

Asphalt shingles over wood sheathing.

Matched hardwood over wood sub-flooring except for linoleum finish in kitchen and bathroom.

Partitions and ceilings of wood fiber-board or gypsum board.

Coal-fired steam boiler with forced air distribution to each unit.

Connecting wing of masonry construction with concrete floor. H-1 units consist of living room, one-bedroom, kitchen and bath with stall shower. Gross area 1051 sq. ft., net area 621 sq. ft. H-2 units contain living room, two bedrooms, kitchen and bath with stall shower. Gross area 1175 sq. ft., net area 806 sq. ft. Hot water is furnished from central storage tank. All units are furnished.