



Semester Exam #3

Architectural Design (TED302)
General H.H. Arnold High School
Programs in Technology Education

PROBLEM: Design an efficiency bungalow for one adult. The bungalow will be located close to a cliff overlooking the ocean in southern California. The property is relatively flat accessible only by a sidewalk which connects similar bungalows nearby. There's room for a very small front yard and there's an alley at the rear of the bungalow.

SPECIFICATIONS:

1. 600 square feet usable floor space (plus or minus 10%)
2. Must include:
 - a) 1 full bath.
 - b) one combination living, dining, and kitchen area.
 - c) a balcony, porch, patio, or deck not included in the 600 square foot limitation.
 - d) area labels and major dimensions.
 - e) provide all rooms with appropriate furniture.
 - f) two exits from the bungalow.
 - g) a roof.

PROCEDURE:

1. Put your floor plan, text, dimensions, furniture, plumbing, electrical, and roof on separate levels.
2. Your completed design must include a title block printed on each item turned in.
3. Save your work as: "SEMEXAM".

PRESENTATION:

- Drawing:
1. Floor Plan (orthographic)
 2. Roof and Furnishings
 - a. Two View Perspective
 - b. Interior Perspective View
 3. Dimensioning and Area Labels
 4. Blocks, Slabs, and Macros
 - a. Elevations
 - b. Pictorial Views
 - c. Site Plan

WHEN FINISHED:

Leave your solution displayed on the screen for the instructor to examine.