ARC 172
TRITON COLLEGE RIVER GROVE, ILLINOIS

Summit House -- Park City, Utah

BACKGROUND: The ski resort at Park City, Utah has been a financial success since it was built, benefiting from a combination of general desire of the population to maintain better health by getting more exercise, and several years of good skiing snow during the months of November through April. The resort is one of the most used recreation facilities in Utah, with full service lodging, a conference center, nine restaurants, and 36 retail shops, all located at the base of the mountain. The owners of the complex, The Resort Center, a subsidiary of the Prudential Development Corporation, now feel a strong need to expand their services to their visitors, and have decided to construct a new restaurant and lounge at the top of the "Town lift" ski run, which will be called "THE SUMMIT HOUSE."

SITE: The site has roughly been determined by the client. Elevation above sea level is approximately 10,000 feet (nearly two miles). The architect will be asked to definitively locate the building based on the design. The view from the top of the mountain is spectacular in all directions. The only way of getting up to the building is via ski lift. Construction will need to take place during the months of May through September of this year. There is an abundance of native granite stone in the area that may be mined and used for construction. Other materials will need to be hauled in via four-wheel drive vehicles. The air is too thin at this location to be able to use helicopter transportation for materials or construction workers. After the project is complete and the building is occupied during the ski season, food, drinks, and restaurant supplies will be brought in via "snow cat."

PROGRAM:

1. Ski storage area outside, 50 lineal feet

2. Exterior deck overlooking the ski runs, 1000 sf minimum

3. Exterior fireplace

4. Entry vestibule, double door air lock

5. Lounge, 500 sf minimum, with lounge seating

6. Interior fireplace

7. Concessions, 100 sf, selling candy bars, yogurt, soda, coffee, ski hats, sun screen lotion, etc.

8. Informal cafeteria with seating for 60 people at tables. Menu: fast food, hamburgers, barbeque, hot dogs, buffalo burgers, coke, hot chocolate, coffee, tea.

9. Formal dining room with seating for 40 people at tables. Menu: full "table d'hote" dinners, steaks, seafood, salads, wine, coffee, tea, deserts

10. Small private meeting/dining room for a maximum of 6 people.

11. Kitchen, approximately 500 sf

12. Food distribution area, 400 sf

13. Ski patrol office, 100 sf

14. Manager's office, 100 sf, located so that it will have good visual control over all public areas.

15. Toilet rooms
    Men's room: 2 wc, 4 urinals, 2 lavs
    Women's room: 4 wc, 2 lavs

16. Drinking fountain

17. Maintenance storage room and janitor's closet, 100 sf

18. Delivery receiving area

PROJECT METHODOLOGY

Step 1: Analyze the site and do a site influence diagram to determine the best location and orientation for the building and outdoor areas.

Step 2: Make a bubble diagram of functional requirements

Step 3: From bubble diagram and site influence diagram, form a "concept" (a "*parti*") for the solution.

Step 4: Develop the plan of the building based on the bubble diagram and concept.

Step 5: Develop a "character" for the exterior and interior expression of the building to reflect its purpose. A preferred solution would be one which uses native materials, appears to be sympathetic with the shape and texture of the surrounding mountain scenery, have high pitched roofs, and look "rustic" that is, build by hand, not by a machine.

Step 6: Provide required and desired fenestration, and develop section and elevations.

Step 7: Develop a form for the building based on the plan and section and elevations.

Step 8: Modify plans as necessary to fit the form. Make sure program is still met.

REQUIRED PRESENTATION

Site plan: 1/16" = 1'-0"
Bubble diagram: 1/16" = 1'-0"
Rendered plan(s), 1/4" = 1'-0"
Rendered section showing interior finishes, people and furnishings, 1/4" = 1'-0"
Rendered elevations showing people and trees, 1/4" = 1'-0"
Axonometric or perspective drawing showing exterior of building
Model in Bristol board, 1/8" = 1'-0"
Put a title, your name, course number, date and critic’s name on your boards.

END OF THE SUMMIT HOUSE PROJECT