

**PROJECT ANALYSIS**

FOR

"COMMERCIAL DESIGN PROJECT NAME"

BY

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To design a 18 thousand square foot Dave and Busters for Mario and Luigi a video game firm owned by Mr. Sokito of Arlington Heights, Illinois. The structure is to have a brick exterior with a steel superstructure and a flat roof. It will be a flat 2 acre site in Arlington Heights, must provide parking and storage areas. The total cost of project is not to exceed \$1.5 million and must be completed by June 1, 2010.

I. CLIENT DATA

- A. Company Name Dave and Busters
- B. Owner or Contact Person Hushiki Sokito
- C. Street Address 101 Beast Rd
- D. City Newark State NJ Zip Code 08534
- E. Product or Services Games, Fun, and Food

II. BUILDING SITE DATA

- A. Lot Dimensions 120' X 150' 18000 sq. ft.
- B. Existing Contours flat land
- C. Existing Landscape Concrete Pavement
- D. Existing Easements Per city ordinance
- E. Location of Lot (Address) 2020 Northwest Highway
- F. Utilities Available:
  - 1. Water Service Private Well

2. Sewer Service Private Septic System
3. Electrical Service Schneider Electric US
4. Natural Gas Nicor
5. Telephone Comcast
6. Internet Access Comcast

### III. PERSONNEL DATA & NEEDS

#### A. Number of Occupants

1. Salaried Employees 10
2. Hourly Employees 15
3. Part-time Employees 12

#### B. List of Personnel by Position

##### 1. Job Title Receiving Clerk Qty. 5

- a. Responsibilities of Job Receiving Clerks are responsible for the proper receiving of all food, liquor and non-consumables.
- b. Equipment Needed for Job Tray, clipboard, and desk.

##### 2. Job Title Bartender Qty. 4

- a. Responsibilities of Job Bartenders interact directly with our guests and create the perfect environment with their fast, friendly service. Bartenders are responsible for our guests' experience while providing food and beverage sales and service in our Viewpoint and Midway Bars.
- b. Equipment Needed for Job A bar with drink selection

##### 3. Job Title Hostes Qty. 8

- a. Responsibilities of Job Our Host/Front Desk position ensures guests' initial impressions with Dave & Buster's are positive and welcoming. This position requires a strong communicator who will guide our guests through their retail, game rental and dining experience.
- b. Equipment Needed for Job Clip board, computer, and desk

##### 4. Job Title Game Technician Qty. 4

- a. Responsibilities of Job Midway Technicians are responsible for the repair and maintenance of our building including games, simulators and technical equipment. They also assist our guests and maintain ideal player conditions in the midway.
- b. Equipment Needed for Job Set of tools

5. Job Title Special Events Manager Qty. 2

- a. Responsibilities of Job Use Consultative Selling Techniques in combination with an existing client base to drive incremental revenue from current key accounts. To build Dave and Buster's store revenue by utilizing outbound sales efforts to acquire new customers.
- b. Equipment Needed for Job Computer, desk , and telephone

IV. CUSTOMER NEEDS

- A. Outside of Building Solar panels, green roof
- B. Inside of Building Tables, chairs. Games, bar

V. BUILDING DESIGN DATA

- A. Approximate Shape Desired Rectanglar
- B. Maximum Length & Width Allowed 240' x 150'
- C. Number of Levels Desired 2
- D. Square Footage Desired 25000
- E. Style of Building Modern

VI. BUILDING MATERIALS DESIRED

- A. Exterior Walls Double Envelope
- B. Roofing Green Roof
- C. Soffit or Trim none
- D. Windows Triple pane windows sealed
- E. Glazing of Windows Heat Absorbing Glaze
- F. Exterior Doors Wooden
- G. Roof Drainage System Metal 10" pipes
- H. Interior Walls Magnesium silicate
- I. Interior Doors Pella 8' x 9' hinged internal door

- J. Interior Trim none
- K. Cabinetry 3' x 5' recycled cherry wood
- L. Hardware stainless steel door handles
- M. Floor Coverings Bamboo
- N. Wall Coverings Cork
- O. Ceilings drywall
- P. Lighting cfl's, leds

## VII. SPACE NEEDS

### A. Public Areas (Type & Sq.Ft.)

- 1. Eating 4,000
- 2. Bar 2,000
- 3. Gaming 10,000

### B. Employee Areas (Type & Sq.Ft.)

- 1. Kitchen 3,000
- 2. Offices 2,000
- 3. Lounge 2,000

### C. Mechanical Areas (Type & Sq.Ft.)

- 1. Mechanical Room 2,000

### D. Storage Areas (Type & Sq.Ft.)

- 1. Storage 3,000

## VIII. MECHANICAL EQUIPMENT & SPECIAL FEATURES

- A. Heating System Radiantec, radiant floor cooling system, radiant wall panels
- B. Cooling System Ondol, radiant floor cooling system
- C. Electronic Air Cleaner Honeywell, electric air cleanser, F300E1001
- D. Water Heater Bosch Aquaster 1600PS Solar water Heater
- E. Humidifier Kenmore, 8 Gallon Humidifier 150408
- F. Dehumidifier Energy Star Humidifier

G. Central Vacuum Cleaner Beam 325C Serenity QS

H. Security System ADT central alarm system