

COMMERCIAL DESIGN PROJECT ANALYSIS

REI

CLIENT DATA

- * Company Name – REI
- * Owner or Contact Person – John Kamrin
- * Street Address– 250 Royall Street
- * City, State, Zip Cod – Canton, MA 02021
- * Product or Services – Retail Store

BUILDING SITE DATA

- * Lot Dimensions (length & width) – 100 by 100
- * Area of Lot (sq. ft.) – 100,000 sq. ft.
- * Existing Contours – flat
- * Existing Features – Grassland
- * Existing Landscape – Grassland with a few trees
- * Existing Easements (utilities, drainage, access, etc.) – Per city ordinance
- * Location of Lot (address, city, state & zip) – 2020 Northwest Highway, IL 60004

Utilities Available

- * Water Service (community system name or private well) – private well
- * Sewer Service (community system name or private septic system) – private septic tank
- * Electrical Service (provider's name) – Electrical & HVAC Inc
- * Natural Gas Service (provider's name) – Night Core
- * Telephone Service (provider's name) – AT&T
- * Cable Service (provider's name) – Comcast
- * Internet Service (provider's name) – Comcast
- * Security Service (provider's name) – ADT

PERSONNEL DATA & NEEDS

Number of Occupants

- * Salaried Employees (paid by the year) – 8
- * Hourly Employees (paid by the hour – 40 hrs./wk.) – 15
- * Part-time Employees (paid by the hour–under 40 hrs./wk.) – 20

List of Personnel by Position

* Job Title (President, Secretary, Manager, Custodian, etc.) – **manager**
Quantity of Personnel – 8
Responsibilities of Job – **hiring personal, supervising employees, meeting with clients or fellow workers**
Equipment Needed for Job – **desk, computer, phone**

* Job Title – **CUSTODIAN**
Quantity of Personnel – 5
Responsibilities of Job – **CLEANING UP**
Equipment Needed for Job – **CLEANING SUPPLIES (MOP, BROOM, TRASH ECT.)**

* Job Title – **salesman**
Quantity of Personnel – 30
Responsibilities of Job – **assisting customers in buying, helping them find desired good**
Equipment Needed for Job– **phone, nametag, radio**

* Job Title – **cashier**
Quantity of Personnel – 20
Responsibilities of Job – **greeting, checking customers out of store**
Equipment Needed for Job – **hands, nametag**

CUSTOMER NEEDS

- * Outside of Building– **parking spaces, sidewalks, signage**
- * Inside of Building – **restrooms, changing rooms, store ailes**

BUILDING DESIGN DATA

- * Approximate Shape Desired – **parallelogram**

- * Maximum Length & Width Allowed- 60' X 150' next to sidewalk, 10' from street, buildings are connected underground
- * Number of Levels Desired - 1
- * Square Footage Desired - 100,000
- * Style of Building Desired - modern

BUILDING MATERIALS DESIRED- brick bond, Acme, 1' by 2', Antique Plum windows, Pella, 5' by 5', casement windows door, Pella, 7' by 9', hindged patio door

- * Exterior Walls Double Envelope
- * Roofing green roof
- * Soffit or Trim none
- * Windows 5' by 5'
- * Glazing of Windows none
- * Exterior Doors thermal fused door, Maiman, 8' by 9', hindged patio door
- * Roof Drainage System compatible with green roof
- * Interior Walls Magnesium silicate (Air Krete®)
- * Interior Doors door, Pella, 7' by 9', hindged patio door
- * Interior Trim none
- * Cabinetry recycled cabinetries by DexKnows
- * Floor Coverings - tile
- * Wall Coverings - paint
- * Ceilings - open air
- * Lighting - LEDs

SPACE NEEDS

(List each Type of Area & Sq.Ft. Desired)

- * Public Areas - 80,000
- * Employee Areas - 3,000
- * Mechanical Areas - 7,000
- * Storage Areas - 10,000

MECHANICAL EQUIPMENT & SPECIAL FEATURES

(List Brand and Model Names and Model # or Size)

- * Heating System - Trane, finned-tube radiators, wall hung, FIN-DS-2
- * Cooling System - Honeywell, Thermostats, HTH4AC22HDO41

- * Electronic Air Cleaner – Honeywell, Electric air cleanser, F300E1001
- * Water Heater – Whirlpool, 80-Gallon Energy Smart Electric Water Heater, EE3Z80HD055V
- * Humidifier – Kenmore, 8-Gallon Humidifier, 15408
- * Dehumidifier – Danby Silhouette, Dehumidifier – 58 Pint, DDR586R
- * Central Vacuum Cleaner – Beam, 325C Serenity QS, EZ3Z0D05V
- * Security System – ATD, central alarm system, CS041THHS3005