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Technology Education Department  
Technical Drawing for Architecture

## **RESIDENTIAL DESIGN CLIENT ANALYSIS**

Client's Name: Eileen and Keith Schopen Date 10/4/11  
Street Address: 20312 N. Weiland Rd. Phone #: 1-(847)-520-5758  
City: Prairie View State: IL Zip Code: 60069

### **I. BUILDING SITE DATA**

- A. Dimensions (L) 318' x (W) 121' Area 38,478 sq. ft.
- B. Existing contours Hill down to the water
- C. Existing landscape 40' diameter tree in middle of lot
- D. Existing easements per city ordinance
- F. Utilities (circle type available)

*Water (city or private well)*

*Electricity (under or above ground)*

*Telephone (under or above ground)*

*Sewer (city or septic system)*

*Gas (natural or bottled)*

*Cable TV (under or above ground)*

### **II. OCCUPANTS DATA (List names, ages and occupations)**

- A. Parents: Eileen Schopen, Teacher, 42 years old  
Keith Schopen, Handyman, 50 years old
- B. Children None
- C. Others \_\_\_\_\_
- D. Pets: Two dogs

### **III. OCCUPANTS NEEDS, DAILY ACTIVITIES, HOBBIES AND INTERESTS**

(Discuss with each family member their daily, weekly and monthly routines and list their

needs, hobbies and interests that should be considered in planning the residence)

A. Father: Goes to work to install glass and frames, needs big garage to work on frames and other materials. Likes big bath tubs in his master suite and even a TV in there. Likes to go camping and has an RV. Likes log cabin looks or showing timber.

B. Mother: Is a teacher. She loves to read. Also enjoys camping in RVs and traveling. Losing hearing in both ears. Likes natural surfaces; wood, marble, natural light. Would like a 3 season room for reading. Likes an environment for family to gather/ large table for family meals.

C. Children All in/graduated college.

D. Others

E. Pets Two dogs, Need a fenced in back yard for a place to play. Area like dog run for skunk prevention.

#### IV. HOUSE DESIGN DATA

A. Approximate Shape Desired \_\_\_\_\_

B. Maximum Length and Width allowed \_\_\_\_\_

C. Number of Levels desired \_\_\_\_\_

D. Amount of Basement desired \_\_\_\_\_

E. Amount of Crawl Space desired \_\_\_\_\_

F. Amount of Slab Floor desired \_\_\_\_\_

G. Square Footage desired \_\_\_\_\_

H. Size of Garage desired 3 or 4 car garage

I. Style of House desired \_\_\_\_\_

#### V. BUILDING MATERIELS DESIRED (List Sizes, Colors and Manufactures desired)

A. Siding Yes- Natural color like tan

B. Brick or Stone Yes- stone

C. Roofing Shingles- grey or tan

D. Soffit \_\_\_\_\_

E. Windows YES – Marvin windows (sliding, bay, bow), double pane so no storm windows

F. Glazing \_\_\_\_\_

G. Storm Windows no

H. Exterior Doors \_\_\_\_\_

I. Storm Doors no

J. Exterior Trim cedar

- K. Shutters **no**
- L. Rain Gutters/Down Spouts **yes**
- M. Chimney **yes**
- N. Interior Doors **six panel solid wood- oak**
- O. Interior Trim **oak light stain**
- P. Cabinetry **light stains, prefer oak**
- Q. Hardware **window crank, prefer polished brass or the like**
- R. Insulation **YES – Owens Corning Residential Insolation**

**VI. MECHANICAL EQUIPMENT & SPECIAL FEATURES**

- A. Heating System **Carrier**
- B. Cooling System **central air**
- C. Electronic Air Cleaner **no**
- D. Water Heater **yes- large capacity**
- E. Humidifier **no**
- F. Dehumidifier **in basement**
- G. Central Vacuum Cleaner **no**
- H. Intercom System **yes**
- J. Ceiling, Attic & House Fans **celing fans in most rooms**
- K. Exposed Beams \_\_\_\_\_
- L. Vaulted or Cathedral Ceilings **yes, exposed beams**
- M. Skylights **yes**
- N. Greenhouse \_\_\_\_\_
- O. Sauna or Whirlpool **whirl pool- Largest Kohler tub available**
- P. Hot Tub or Swimming Pool **yes- hot tub**
- Q. Fireplace or Wood stove **yes fireplace**
- R. Deck or Patio **yes, patio, Unilock**
- S. Screened or Covered Porches **screened three season porch**

**VII. ADDITIONAL DATA**

(Any other information that is relevant to the design of the structure should be written here)  
**Taste is outdoors, woodsy eclectic. NOT country. Like understated Western- not cowboys.**

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