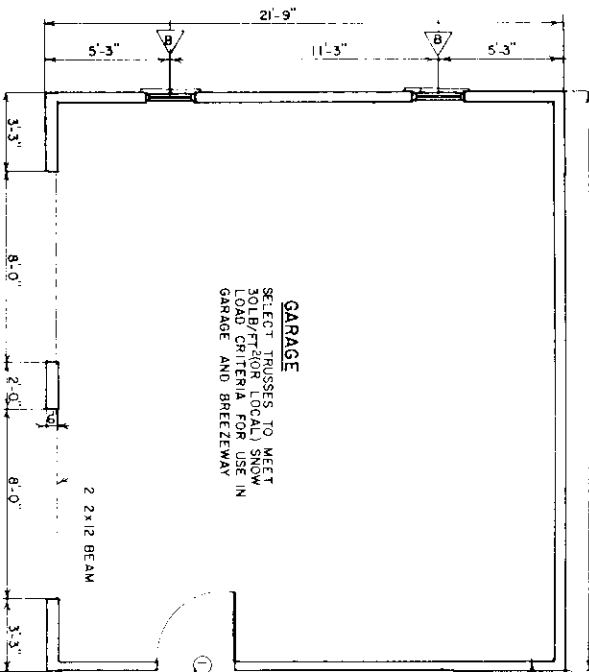


Homework Assignment #2

The following penalties will be levied for late submissions: - 10 points for the first day and -5 point for each additional day of lateness up to the return date.

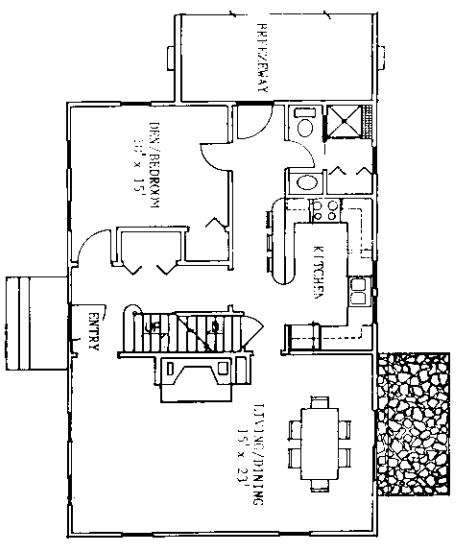
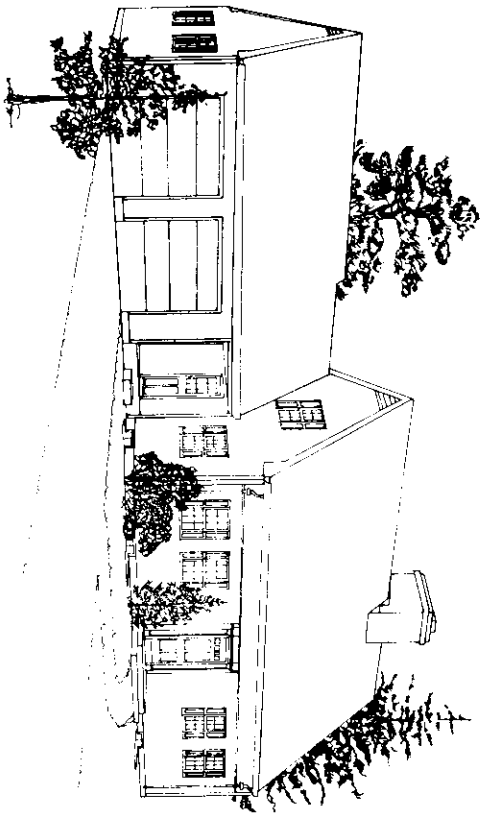
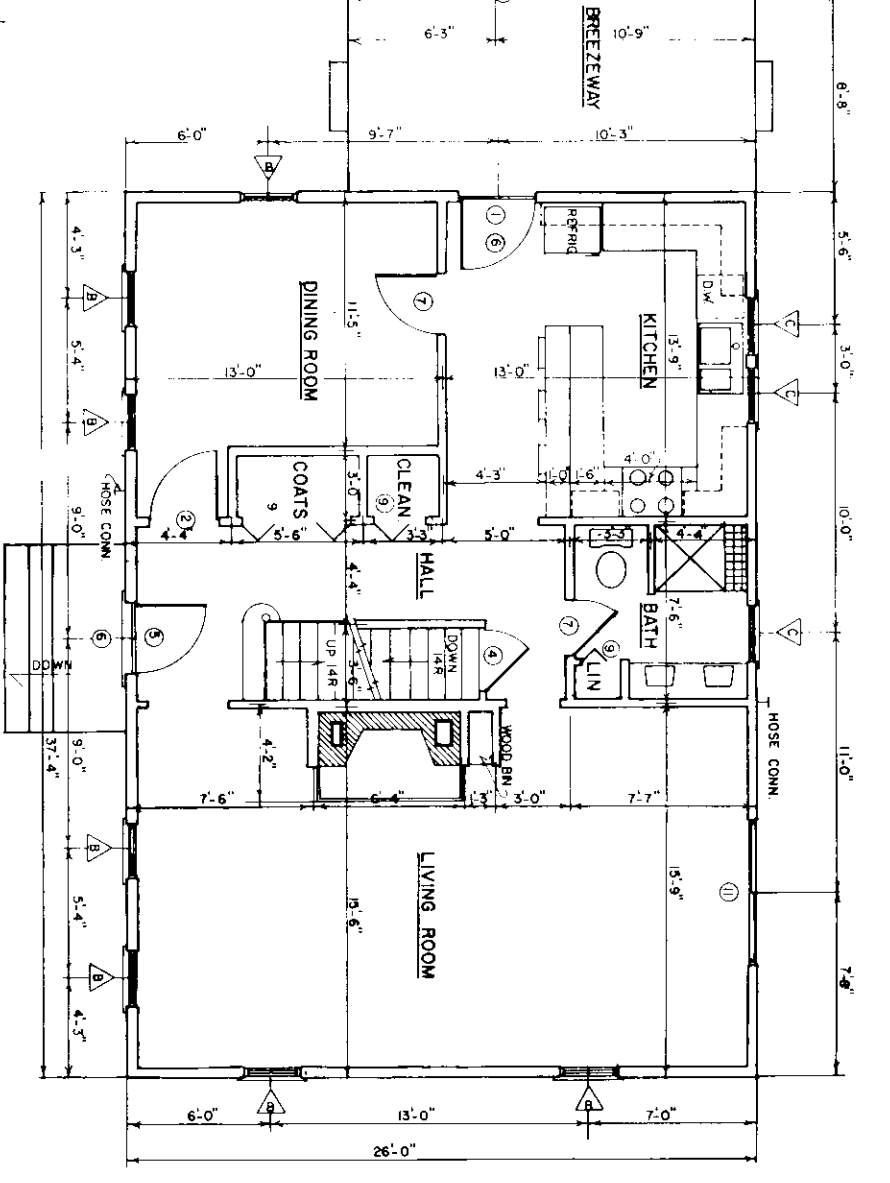
1. **(4 pts)** What will be on every type of professional drawing of a house? What is the purpose of each?
2. **(10 pts)** There is a set of drawings of a house in the appendix. List all the different type of drawings of this house. Use 3 bdrm, 1 half stry, 2 gar, 2 bth, b, f.pdf file
3. **(10 pts)** From which type of drawing would a person find the following information?
 - a. Lights
 - b. Footings
 - c. Location of house on lot
 - d. Wall thickness
 - e. Doors
 - f. Joists
 - g. Roof trusses
 - h. House exterior
 - i. Hot water heater
 - j. Fireplace
4. **(6 pts)** Name and explain all of the framing components for a window.
5. **(12 pts)** What is the purpose of the following parts of the house? Where is each located?
 - a. Soffit
 - b. Dampproofing
 - c. Girder
 - d. Underlayment
 - e. Wall sheathing
 - f. Joists
 - g. Door header
 - h. Shingles
 - i. Fascia
 - j. Drain tile
 - k. Bottom plate
 - l. Anchor bolt
6. **(6 pts)** List the 3 different areas of a house. Explain each area and give a room example for each area.
7. **(12 pts)** Which type of house drawing would be needed if you were planning on adding an additional room to your house. What important information would be needed on this drawing.

24'-6"



FIRST FLOOR PLAN

1/2" = 1'-0"
1924 SQ FT HEATED AREA



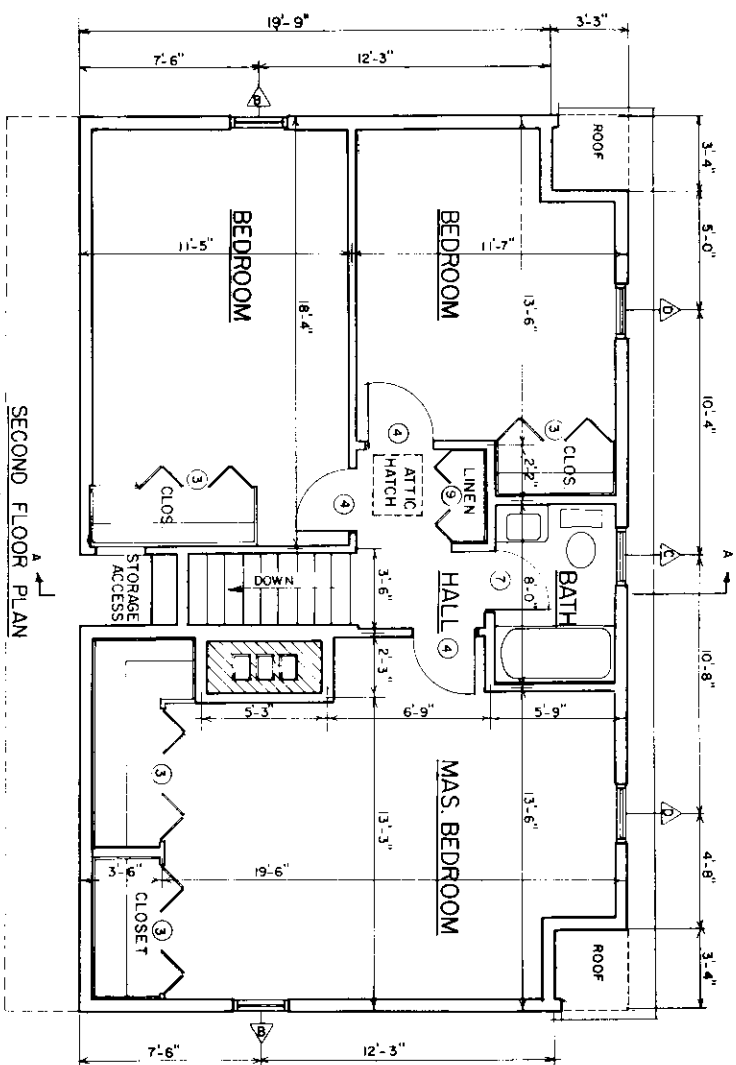
COOPERATIVE EXTENSION SERVICE
AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

3 - BEDROOM 1 1/2 STORY FARMHOUSE

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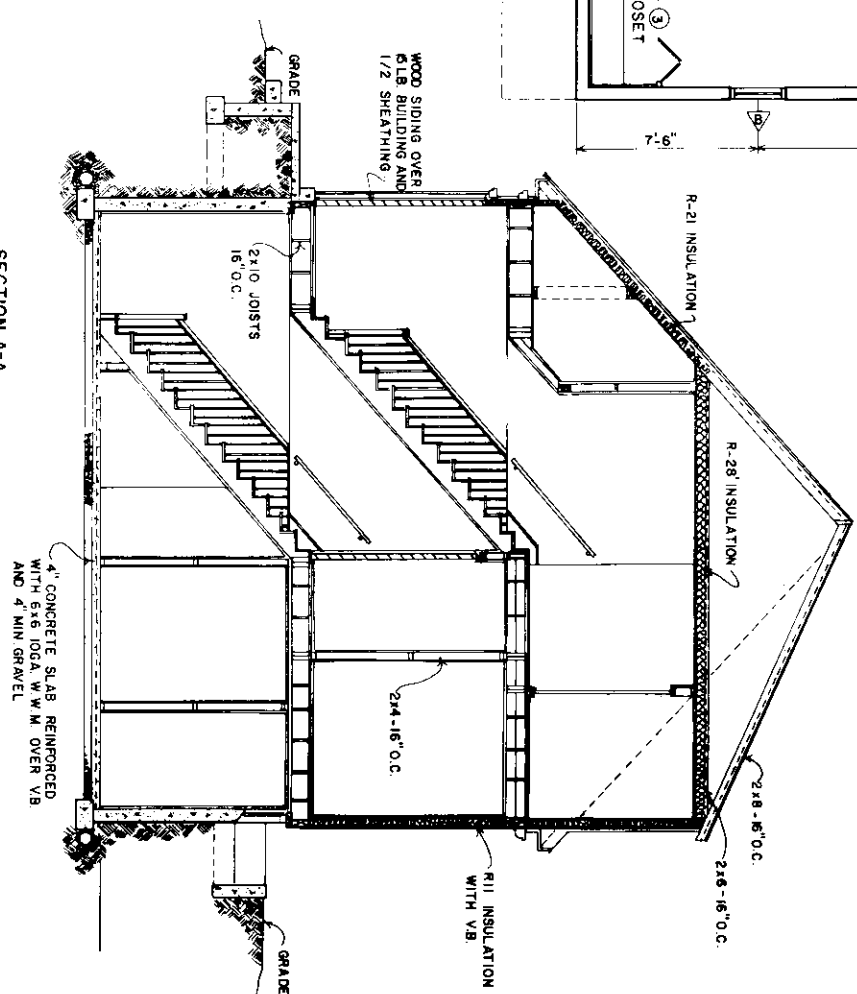
DOOR SCHEDULE:

MARK	SIZE	DESCRIPTION	#REQ
1	3'0" x 6'8"	EXTERIOR GLAZED SOLID CORE	3
2	3'0" x 6'8"	INTERIOR HOLLOW CORE	4
3	2'6" x 6'8"	H.I.-FIELD	8
4	2'8" x 6'8"	INTERIOR HOLLOW CORE	9
5	3'0" x 6'8"	EXTERIOR SOLID CORE	1
6	3'0" x 6'8"	SCREEN AND/OR STORM	2
7	2'6" x 6'8"	INTERIOR HOLLOW CORE	4
8	2'3" x 6'8"	INTERIOR HOLLOW CORE	1
9	2'0" x 6'8"	H.I.-FIELD	10
10	6'0" x 6'8"	SLIDING DOORS (GLASS)	1

WINDOW SCHEDULE:

MARK	SIZE	DESCRIPTION	#REQ
A	2'8" x 1'6"	SYSTEM SASH W/ PARTIALS	7
B	2'4" x 4'6"	DOUBLE-HUNG	1
C	2'4" x 3'2"	DOUBLE-HUNG	4
D	2'4" x 3'10"	DOUBLE-HUNG	2

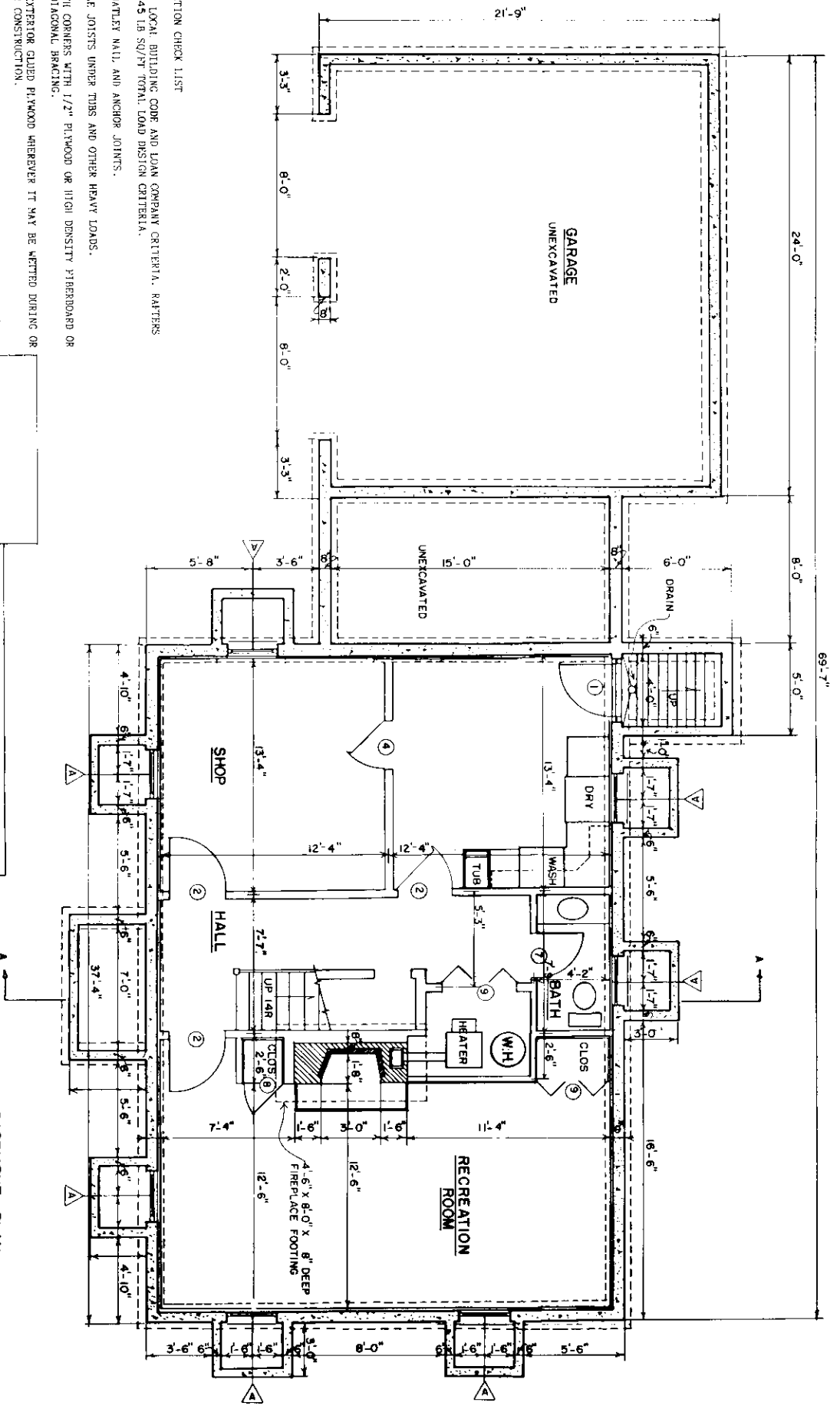
USE INSULATED GLASS FOR ALL WINDOWS



COOPERATIVE EXTENSION SERVICE
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 AND
 3-BEDROOM 1 1/2 STORY FARMHOUSE

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CONSTRUCTION CHECK LIST

1. CHECK LOCAL BUILDING CODE AND LOAN COMPANY CRITERIA. RAFTERS MEET 45 LB. SQ/FT TOTAL LOAD DESIGN CRITERIA.
2. ADEQUATELY NAIL AND ANCHOR JOISTS.
3. DOUBLE JOISTS UNDER TUBS AND OTHER HEAVY LOADS.
4. SHEATH CORNERS WITH 1/2" PLYWOOD OR HIGH DENSITY FIBERBOARD OR USE DIAGONAL BRACING.
5. USE EXTERIOR GRADED PLYWOOD WHEREVER IT MAY BE WETTED DURING OR AFTER CONSTRUCTION.
6. PRESSURE TREAT ALL WOOD WITH GROUND CONTACT AND PROVIDE OTHER NEEDED TERMITIC CONTROL.
7. R VALUES DEPEND ON LOCAL CLIMATE AND FUEL COSTS.
8. PROVIDE 1 SQ FT OF ATTIC VENT OPENINGS FOR EACH 150 SQ FT OF CEILING.
9. WEATHERIZE ALL OPENINGS AND JOINTS.

BASEMENT PLAN



ROOF PLAN (NOT TO SCALE)

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3 - BEDROOM 1 1/2 STORY FARMHOUSE			
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