

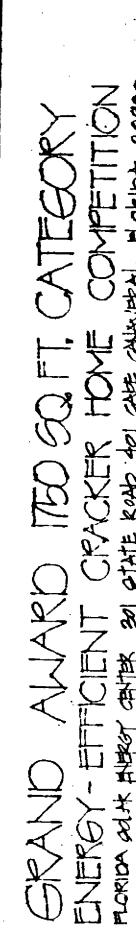
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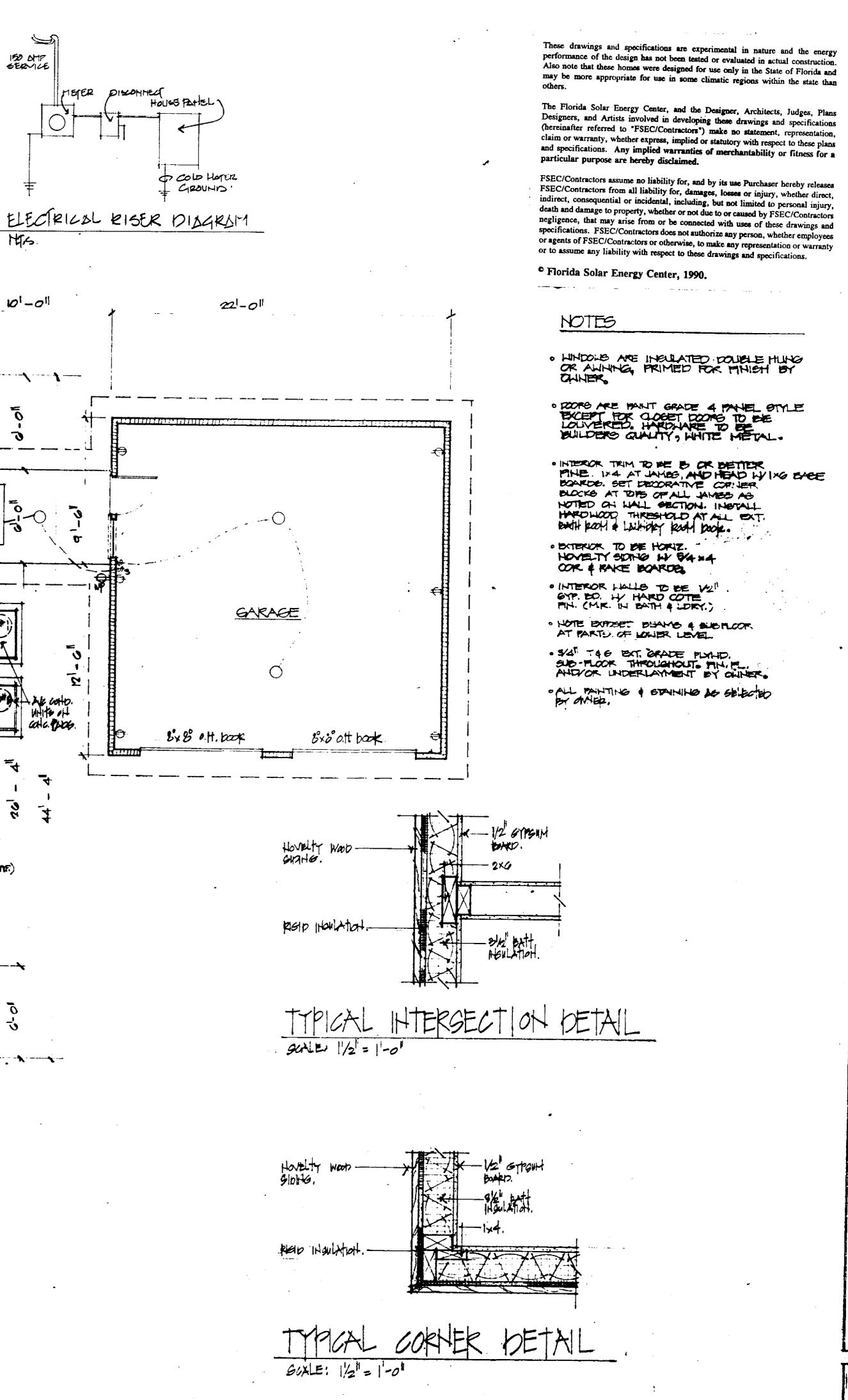
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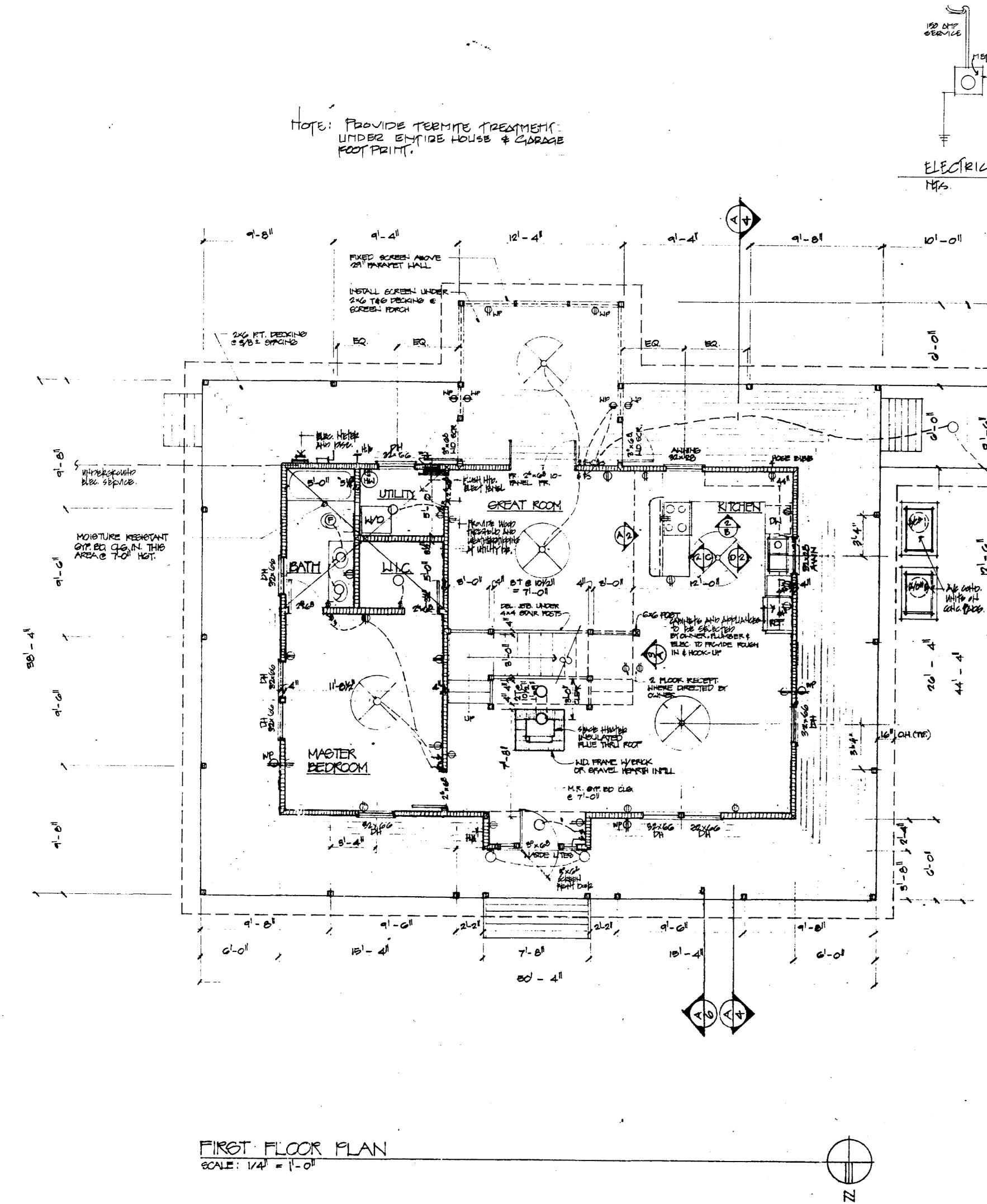
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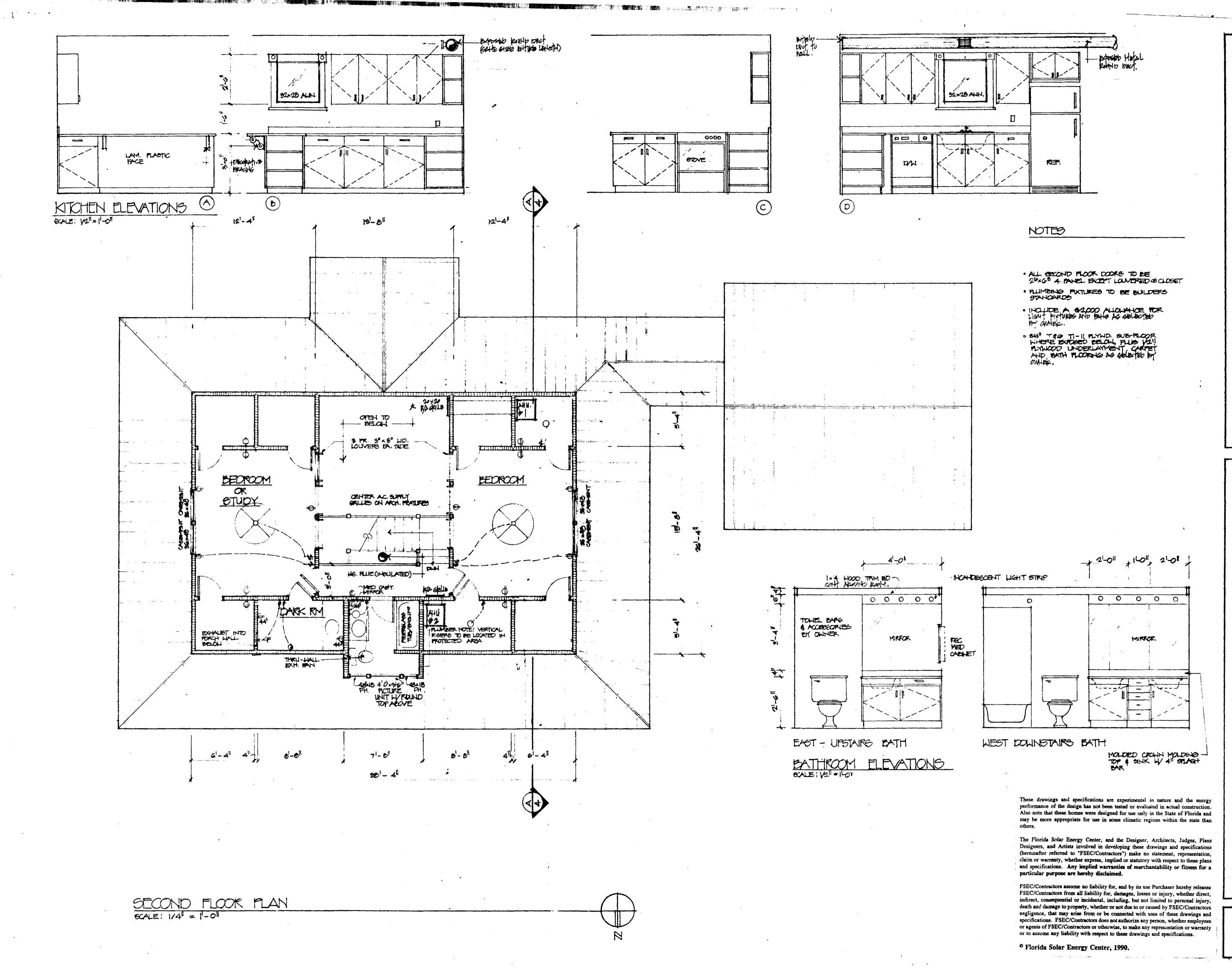
^o Florida Solar Energy Center, 1990.

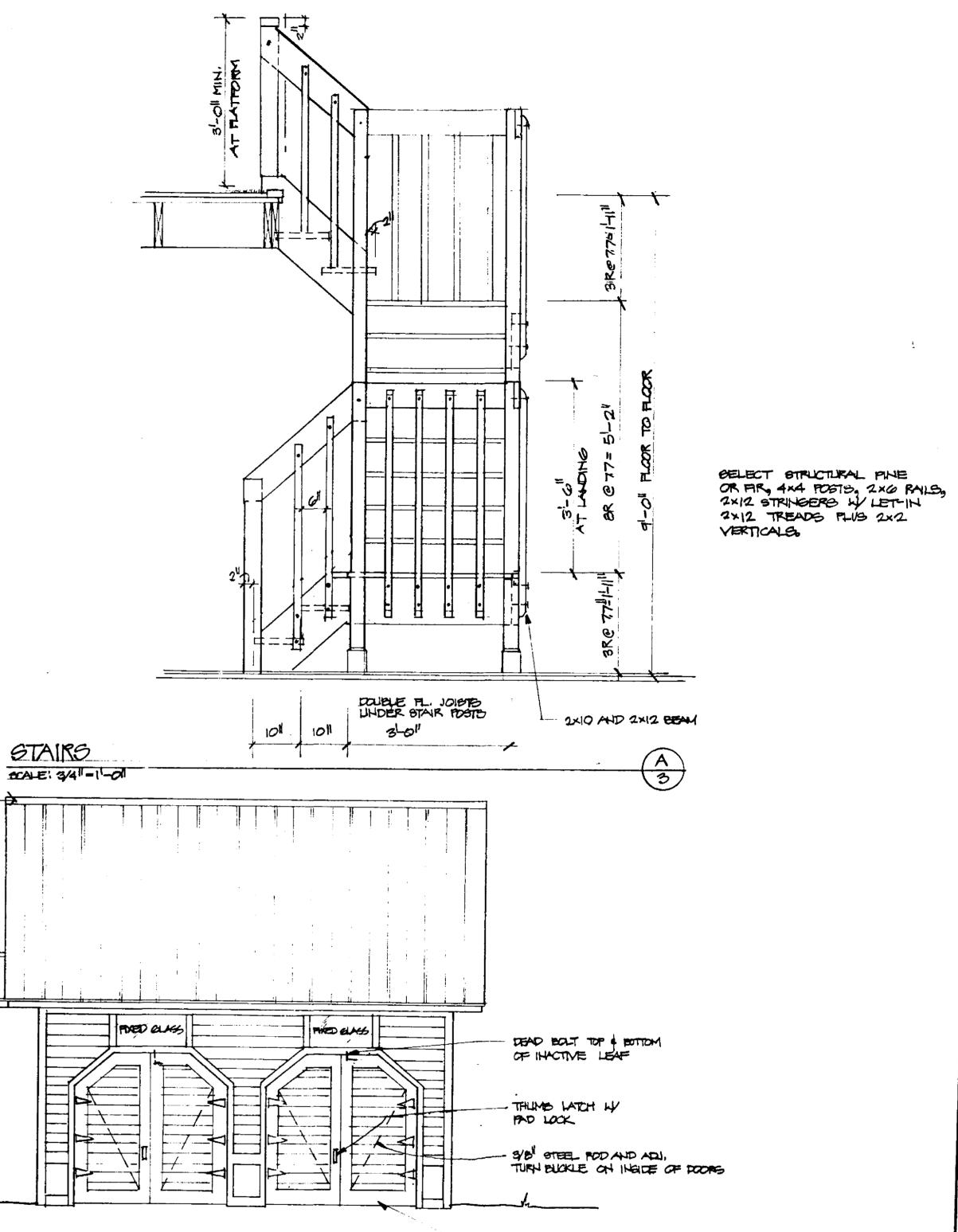












NORTH ELEVATION

L----

THE HOVELTY

26 GA, V-CRIMP G.I. ROOFING

HEAVY SUB BILL

DECORATIVE CEDAR SHINGLES

- COPHER BOARDS

L____

- LATTICE INFILL

<u>----</u>

+- continuous pinose lent (Get Hetall SHEET 6)

-6x6 10616

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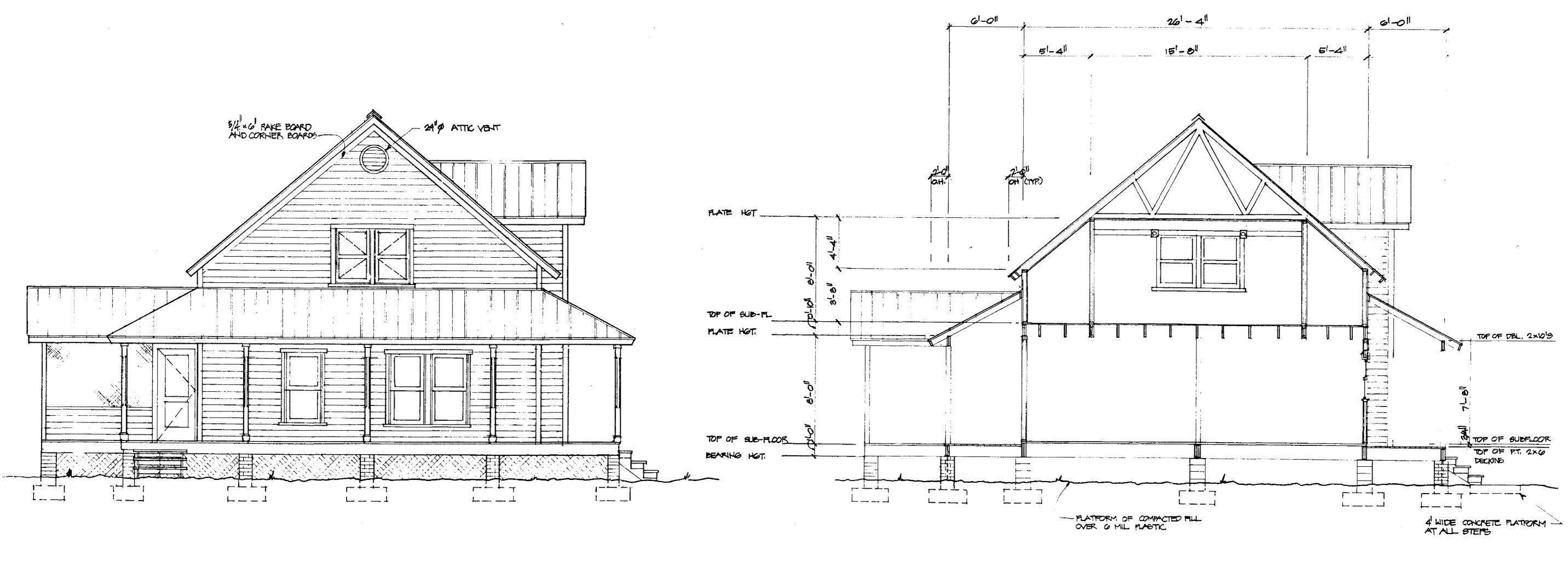
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^o Florida Solar Energy Center, 1990.

ING FLANK BARN DOORS

W ING TRIM BOTH GIDES



EAST ELEVATION SCALE: V4" = 1'-0"

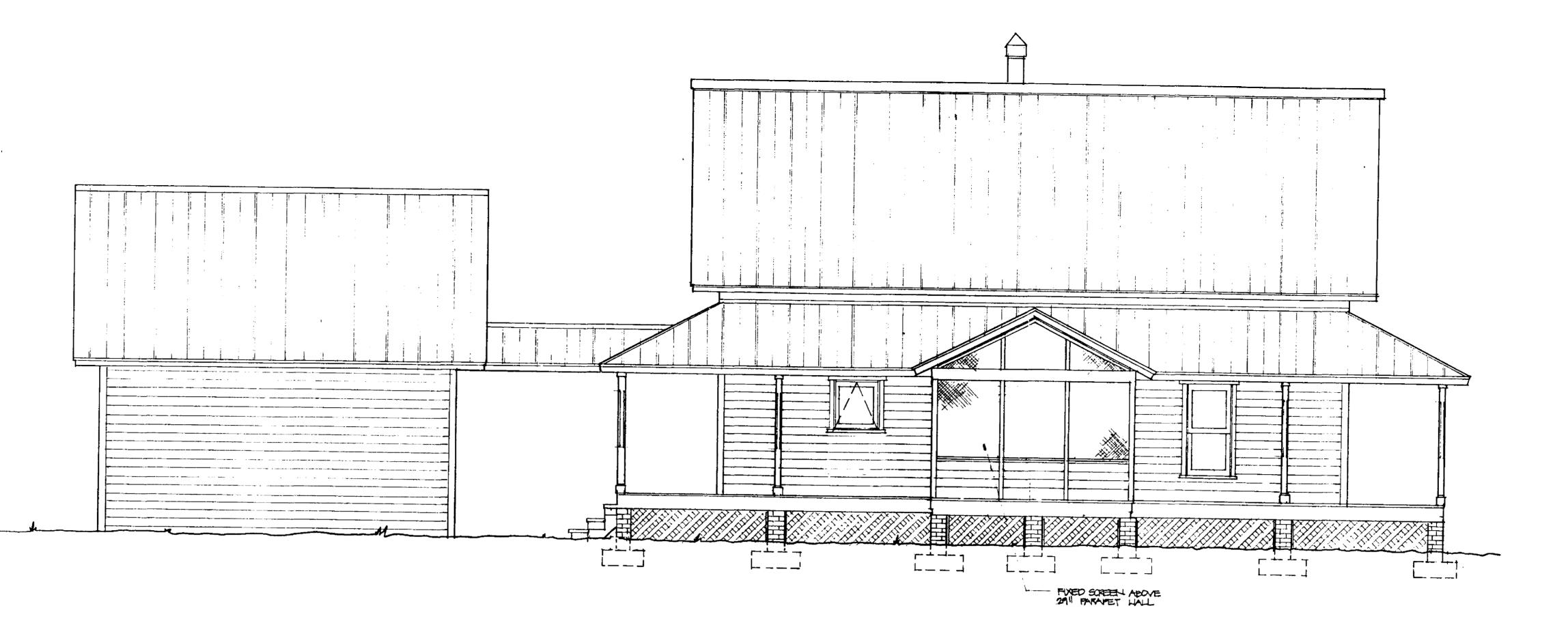
BUILDING SECTION - A

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^o Florida Solar Energy Center, 1990.



SOUTH ELEVATION

NOTE TO OWNER:

WHOOMS FACING TO THE HEST ARE SUBJECTED

TO HIGH HEAT OAN FROM THE SETTING BUN IN GUMMER,

SITING YOUR HOME WITH A HIGH WALL OF TREES TO THE

THE WEST PROVIDES THE BEST SHADING DEVICE FOR

THIS CONDITION. EXTERIOR BUNDS ATTACHED TO THE

WINDOWS ARE THE HEAT MOST EFFECTIVE DEVICE.

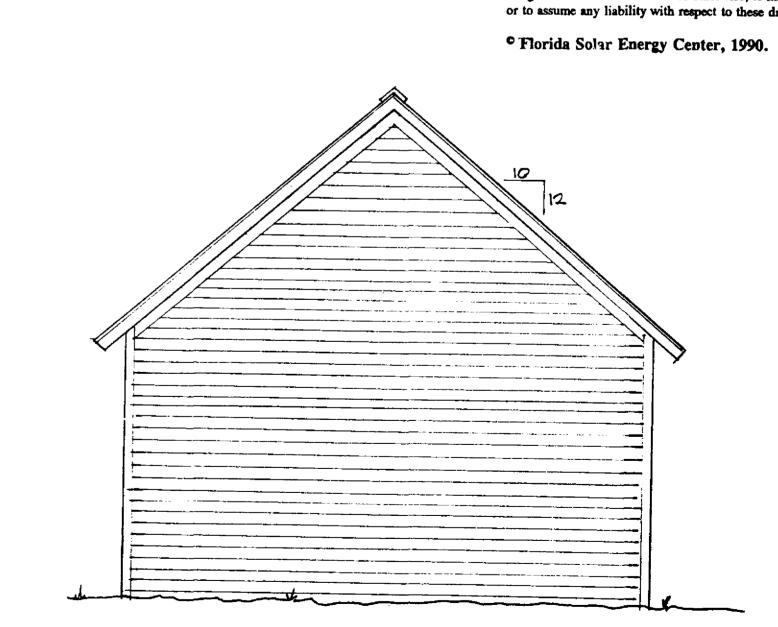
INTERIOR BUNDS ARE THE LEAST BYBOTIVE SHADING DEVICE.

REMOVED FOR CLARITY

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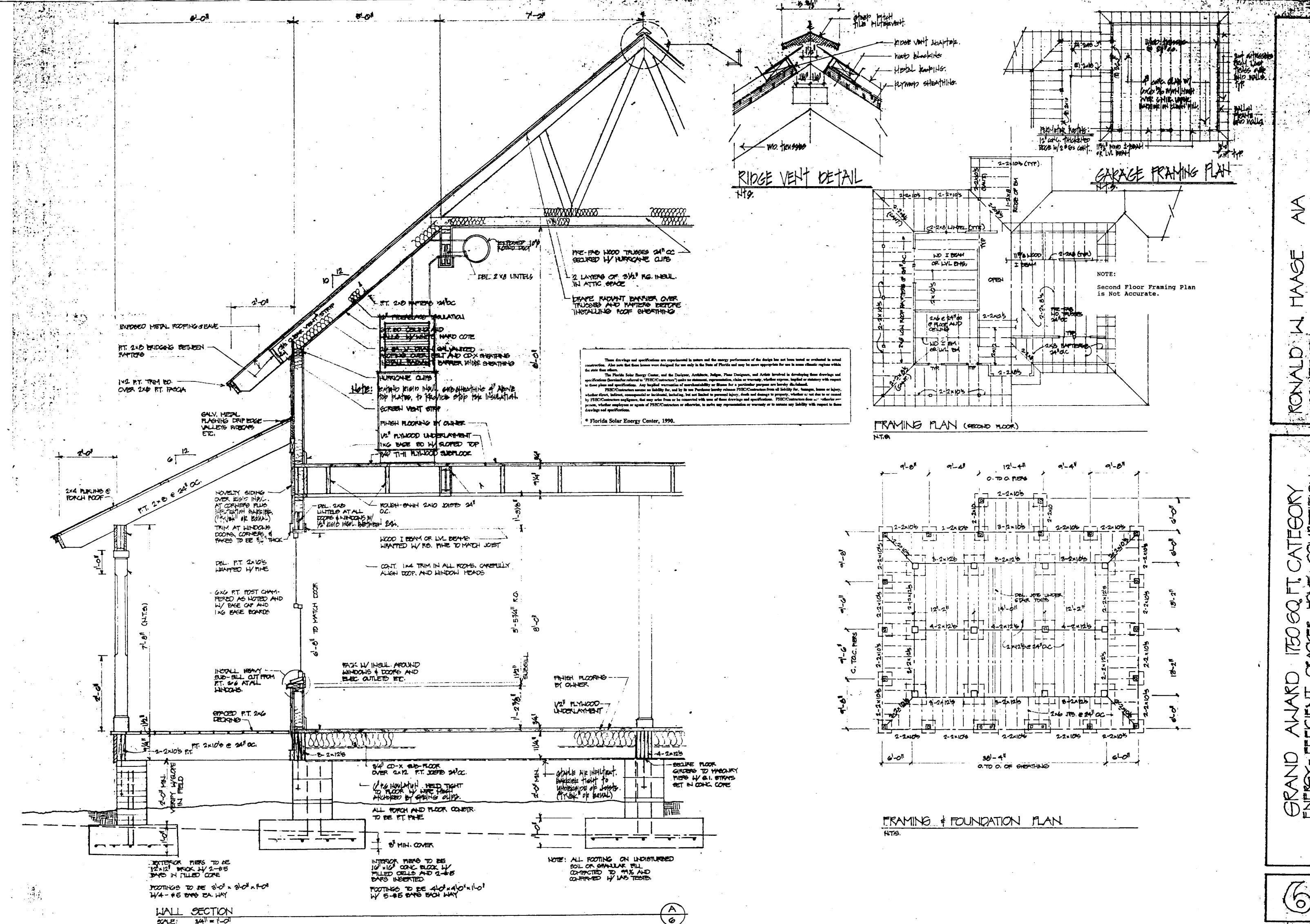
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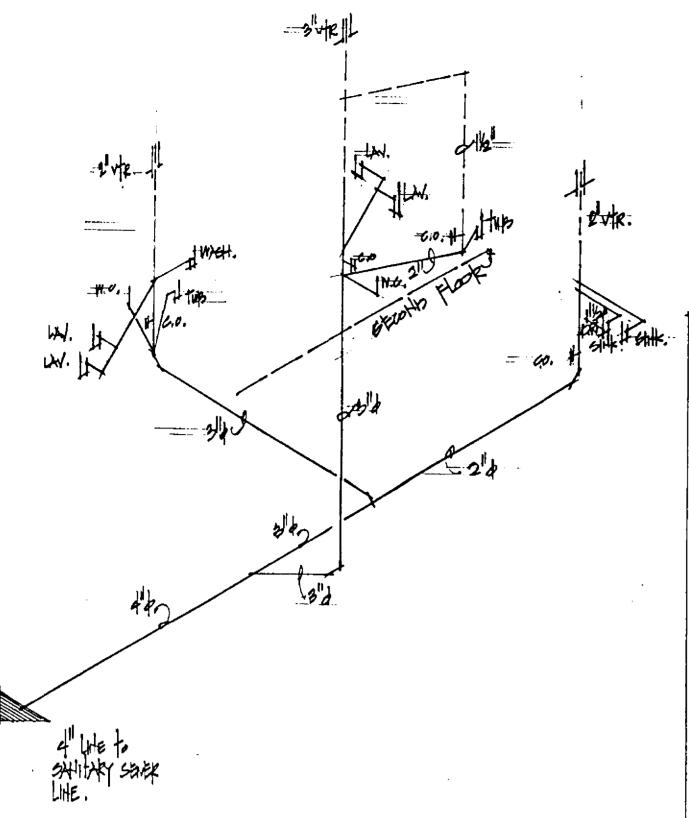


WEST ELEVATION - HOUSE

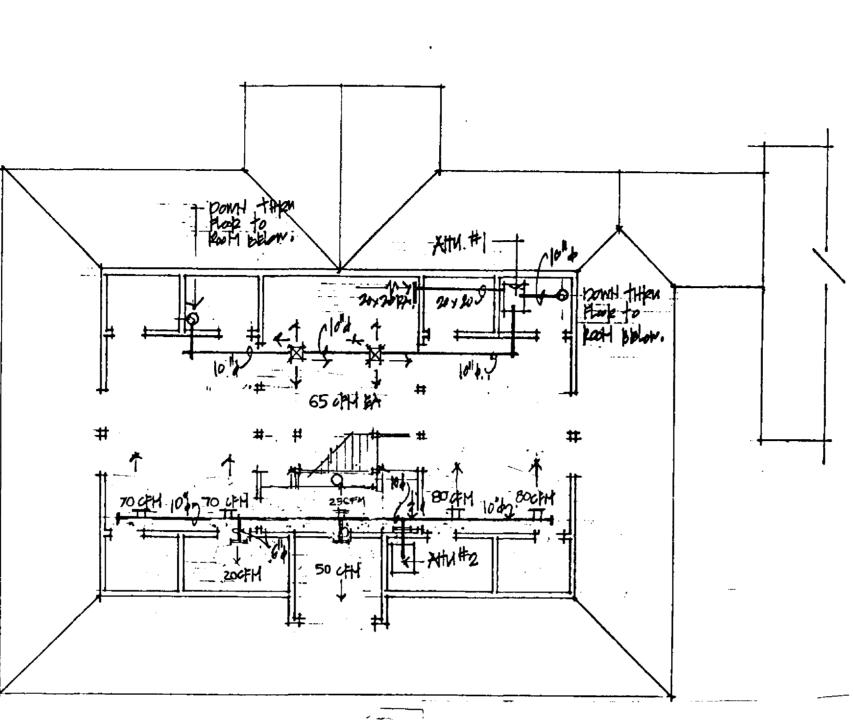
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GARAGE



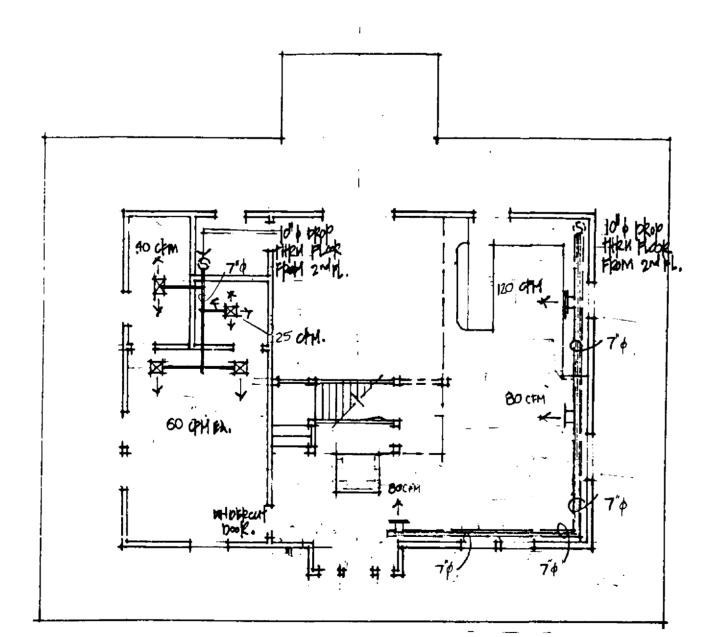


GANITIARY RIGER DIAGRAM

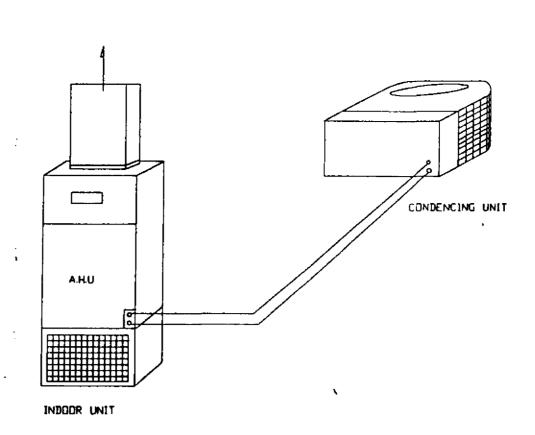


SECOND FLOOR DUCT WORK RUNS BELOW CEILING. SEE SECTION A/6 on page 6

SECOND FLOOR A/C PLAN



FIRST FLOOR DUCT WORK RUNS BELOW 2ND FLOOR JOISTS



COMFORT CONDITIONING SCHEDULE WITH ALL ELECTRICAL UTILITIES UNIT # 1 COOLING CAPACITY REQUIRED 14,500 BTUH & HINGHUN RECONNENDED SEER: 11.0

HEATING CAPACITY REQUIRED 13,500 BTUH # TYPE: HEAT PUMP HINTHUM AIR FLUTY REQUIRED CETHS 595 CFM # RECEMMENDED HSPF: BD

dT	HAKE	MODEL 4	COOLING OFF	MO SCER	HSPF	HEATING	CETUHO	AUXHEAT	STRIP	EFM
DENSER	_			1					<	\supset
w.				\propto	> <		=			

plans have been alterest having cooling and artise requirements should be recolculated. The loads were calculated base on a peak auronn load temperature 95°F drybudb and 77°F withink and a water look temperature of 20°F using CARRER E-260 string computer program.

. COMPORT CONDITIONING SCHEDULE WITH ALL ELECTRICAL UTILITIES UNIT # 2 COOLING CAPACITY REQUIRED 10,000 BTUH # HINTHUM RECOMMENDED SEER 11.0
HEATING CAPACITY REQUIRED 6,500 BTUH # TYPE: HEAT PUMP HINTHUM
AIR FLOW REQUIRED CEFUL 395 CFM # RECOMMENDED HSPF: 8.0

SELECTED COURPMENT											
TEAU	MAKE	MODEL 0	COOLING CITUHO	SEER HS	PF HEATING	(ЭТИНО	Z TAJHIXUA	TRIP	CFM		
CONDENSER							>		${\mathbb K}$		
A.H.U.			><	$\times\!\!\!\!\!>$	<>	<					

NOTE: If upstairs bedrooms typically not occupied, use two systems as shown

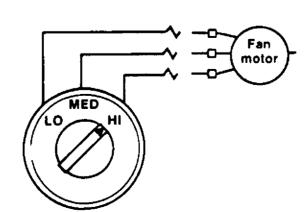
If upstairs bedrooms typically occupied, use one

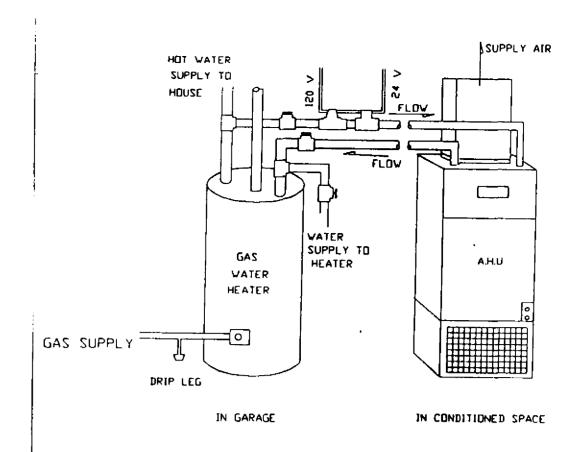
COMFORT CONDITIONING SCHEDULE WITH ONE UNIT (using AHU#1 to service entire house)

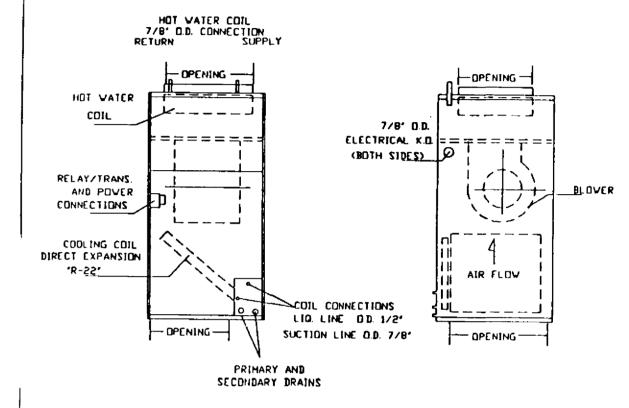
Cooling Capacity Required 24,500 BTUH Min. Recommend SEER = 11.0
Heating Capacity Required 20,000 BTUH Type: Heat Pump or Hydronic Heat Air Flow Required (CFM) 990 CFM

Use a multispeed blower

Select an air handler unit with a multispeed blower and connect it in a manner that permits the home owner to change its speed. The unit will perform most efficiently if the blower is on high speed. However, on a lower speed the blower will remove more moisture from the air. This mode can be used during humid nights.







DIRECT EXPANSION COOLING/HOT WATER HEATING FAN COIL UNIT

COMFORT CONDITIONING SCHEDULE WITH GAS HEAT UNIT # 1 COOLING CAPACITY REQUIRED: 14,500 BTUH # MINIMUM RECOMMENDED SECR. 11.8 HEATING CAPACITY REQUIRED 13,500 BTUH # RECOMMENDED TYPE OF EQUIPMENT: GAS HYDRONIC AIR FLOW REDUIRED (CFM): 595 CFM # FURNACE (ALL COMBUSTION IS AT WATER HEATER) MAKE MODELS COOLING CETURO SEER HEATING CETURO RECOVERY EFF. CFH

VALER HEALTE

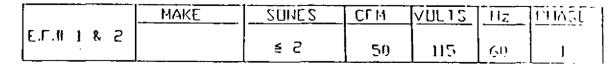
MINIMUM RECOMMENDED SEER 11.0

HEATING CAPACITY REQUIRED 6,500 BTUH # RECOMMENDED TYPE OF EDUTPHENT GAS HYDRONIC AIR FLOW REQUIRED (CFM): 395/CFH = FURNACE (ALL COMBUSTION IS AT WATER HEATER) SCLECTED COUPHENT MODEL & COOLING CETURE SEER HEATING CETURE RECOVERY EFF. CFM TANK SIZE CONDENSER MATER HEATER

COMFORT CONDITIONING SCHEDULE WITH GAS HEAT

COOLING CAPACITY REQUIRED 10,000 BTUH #

EXHAUST FAN SCHEDULE



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