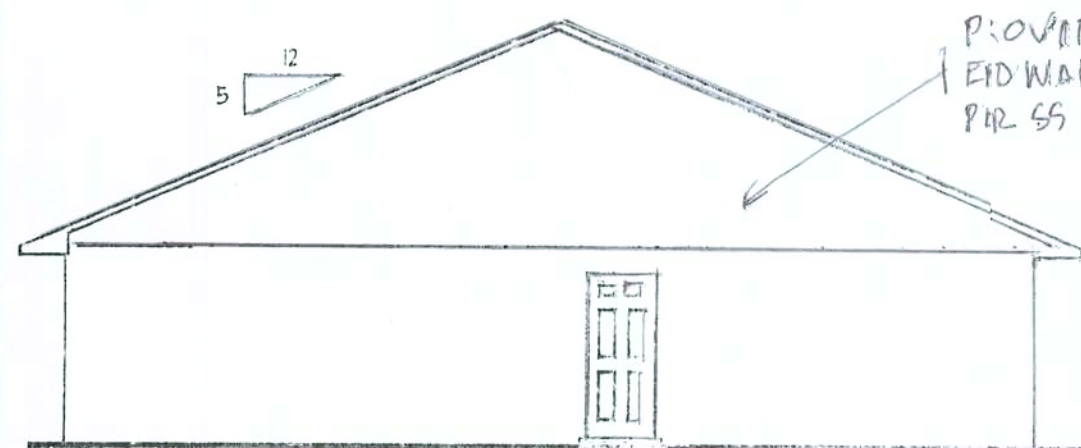
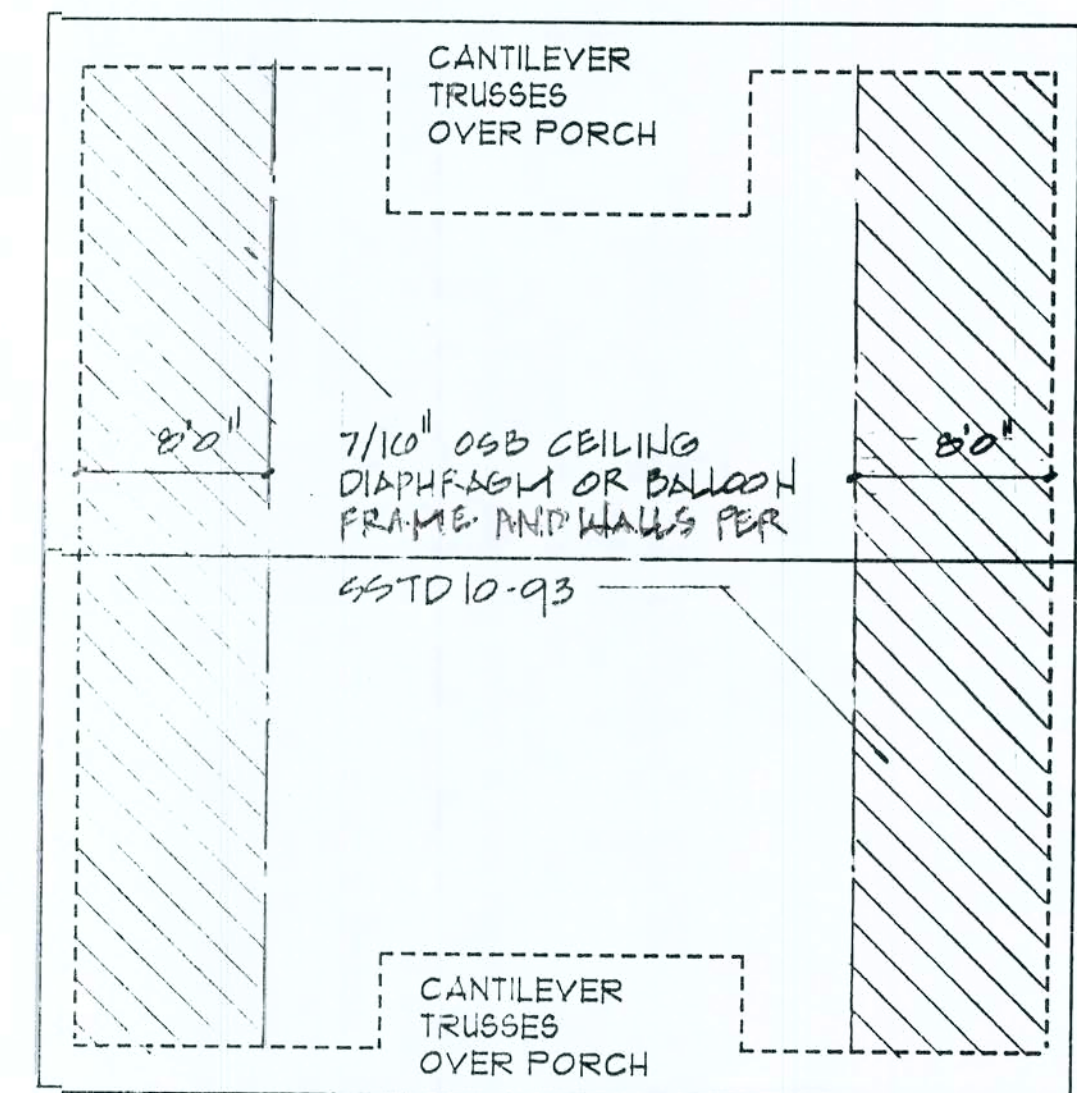
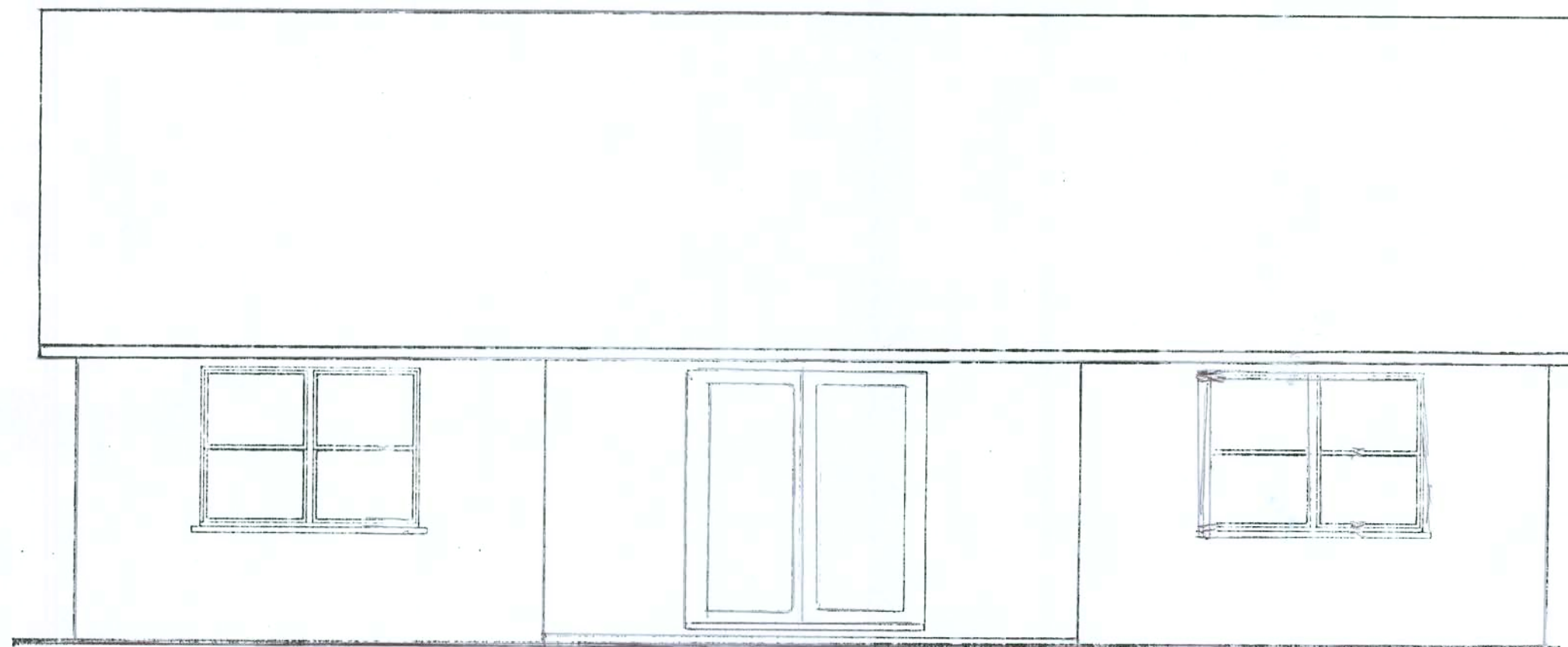


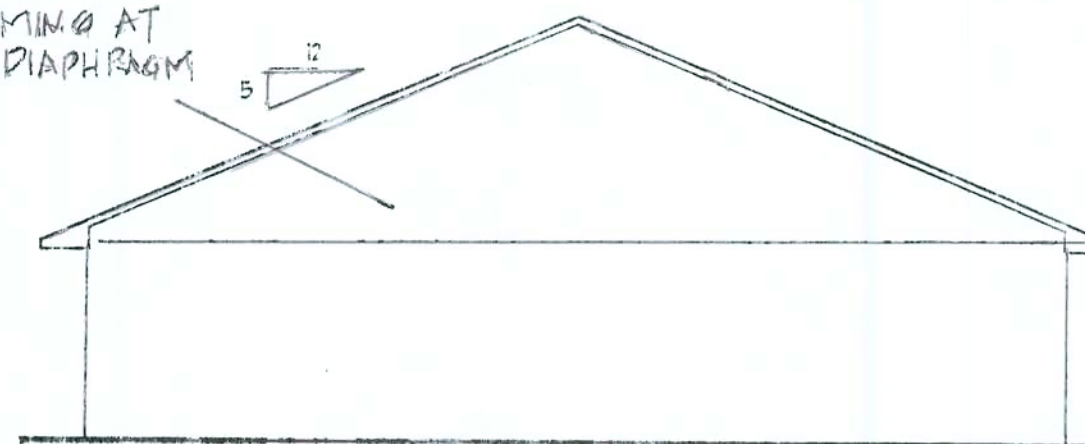


REFER TO PLANS, SECTIONS AND SPECIFICATIONS
FOR MATERIALS DESIGNATIONS

24" OVERHANG STANDARD FOR SIDEWALLS
12" OVERHANG STANDARD FOR ENDWALLS (GABLE ENDS)



PROVIDE BALLOON FRAMING AT
END WALLS OR CEILING DIAPHRAGM
PER SS STD 10-93



Lot# E10 Elm loop
Kingswood Model

03/01/94

KINGSWOOD MODEL

EASTSIDE VILLAGE, LAKE CITY, FLORIDA

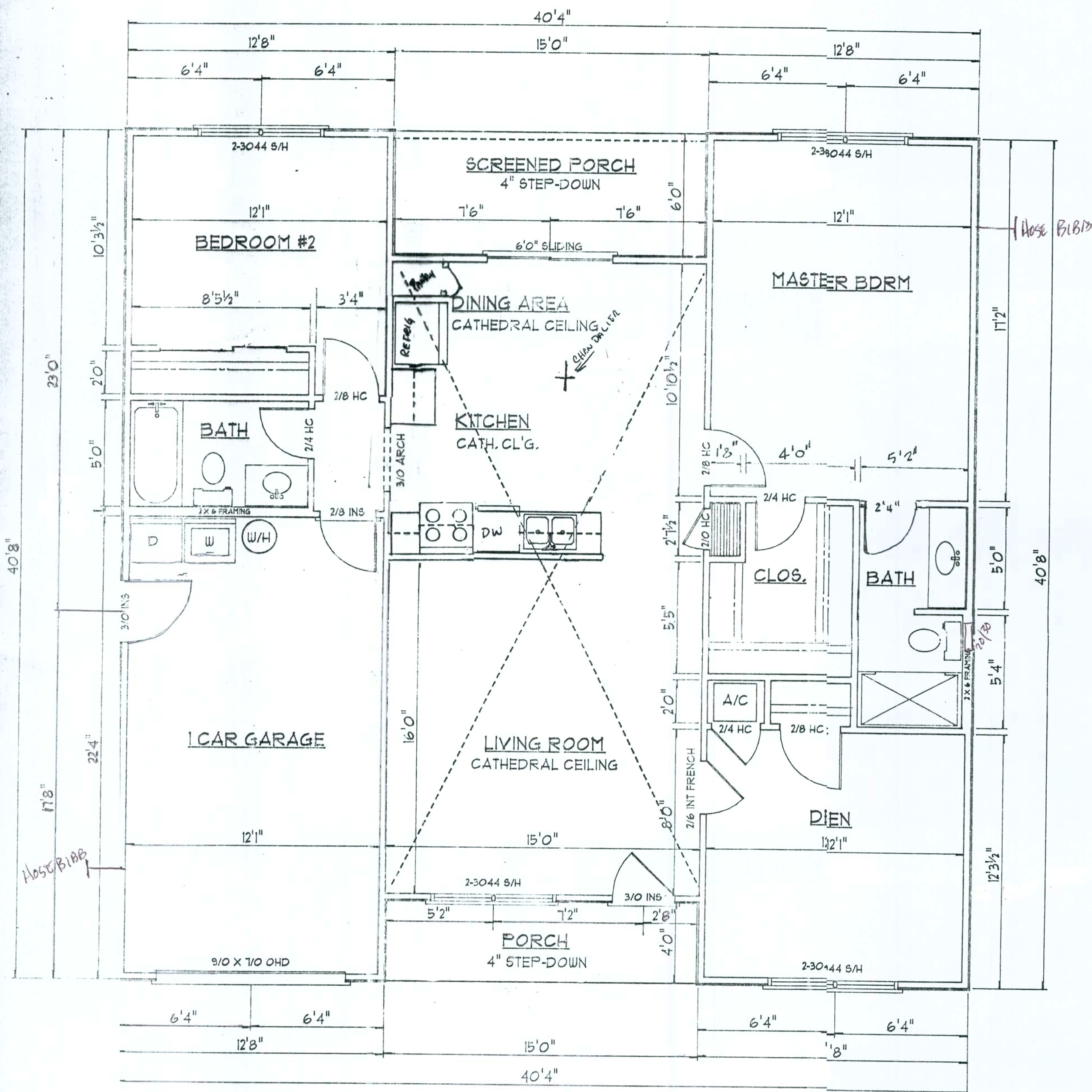
ELEVATIONS - STYLE "B"
ROOF PLAN - STYLE "B"

1/4" = 1'0" AND 1/8" = 1'0"

ALL WORK SHALL COMPLY WITH THE SOUTHERN STANDARD
BUILDING CODE AND ALL OTHER APPLICABLE LOCAL
CODES AND ORDINANCES

PLANS PREPARED BY
FIRST STREET DESIGNS, INC.
RESIDENTIAL DESIGNERS
2023 SOUTH FIRST STREET
LAKE CITY, FL 32055
(904) 758-8856
(904) 752-5146 FAX

PROJ 940232



1212 SF LIVING AREA
90 SF SCREENED PORCH
278 SF GARAGE
60 SF FRONT PORCH
1640 SF TOTAL AREA

03/01/94

KINGSWOOD MODEL
EASTSIDE VILLAGE, LAKE CITY, FLORIDA

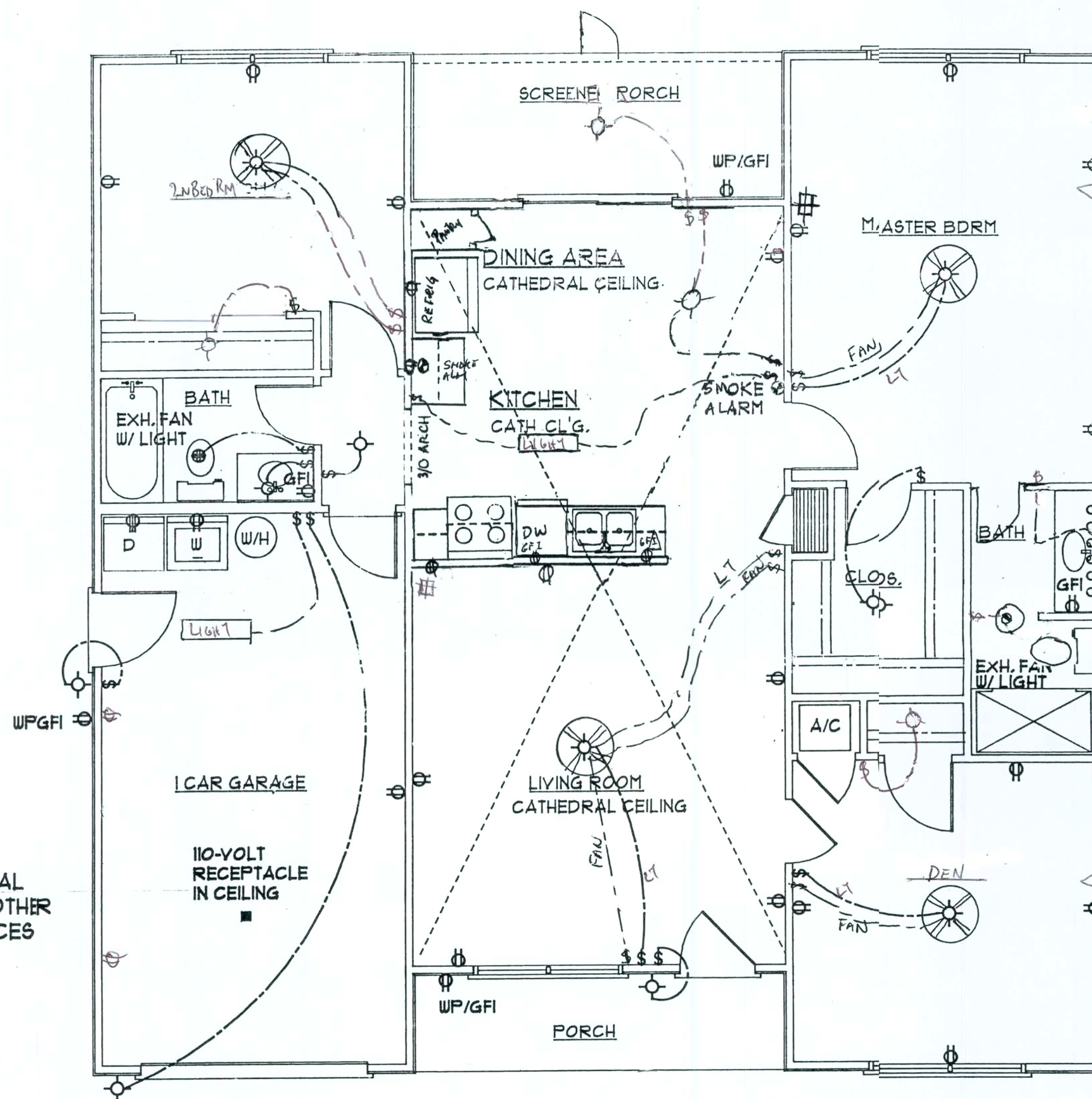
MAIN FLOOR PLAN
1/4" = 1'0"

ALL WORK SHALL COMPLY WITH THE SOUTHERN STANDARD
BUILDING CODE AND ALL OTHER APPLICABLE LOCAL
CODES AND ORDINANCES

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PROJ 940232

△ Tel
 # TV



ALL WORK SHALL COMPLY WITH THE NATIONAL
 ELECTRIC CODE, LATEST EDITION, AND ALL OTHER
 APPLICABLE LOCAL CODES AND ORDINANCES

03/01/94

KINGSWOOD MODEL

EASTSIDE VILLAGE, LAKE CITY, FLORIDA

ELECTRICAL PLAN

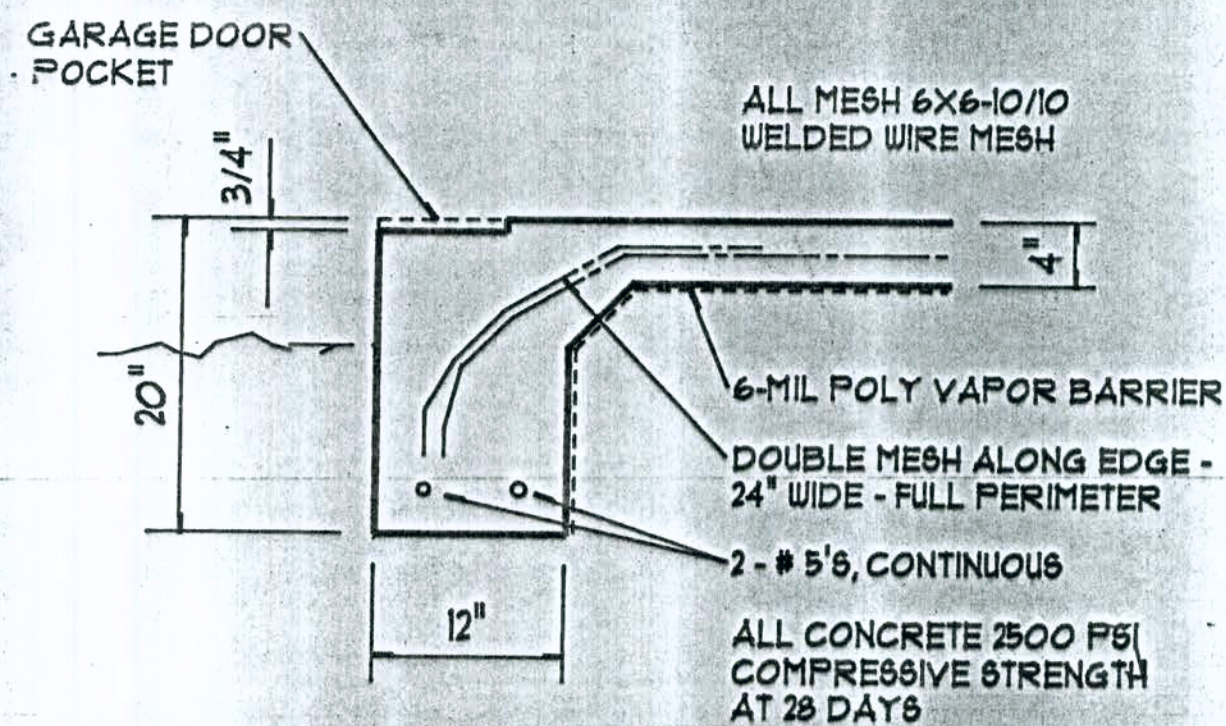
1/4" = 1'0"

ALL WORK SHALL COMPLY WITH THE SOUTHERN STANDARD
 BUILDING CODE AND ALL OTHER APPLICABLE LOCAL
 CODES AND ORDINANCES

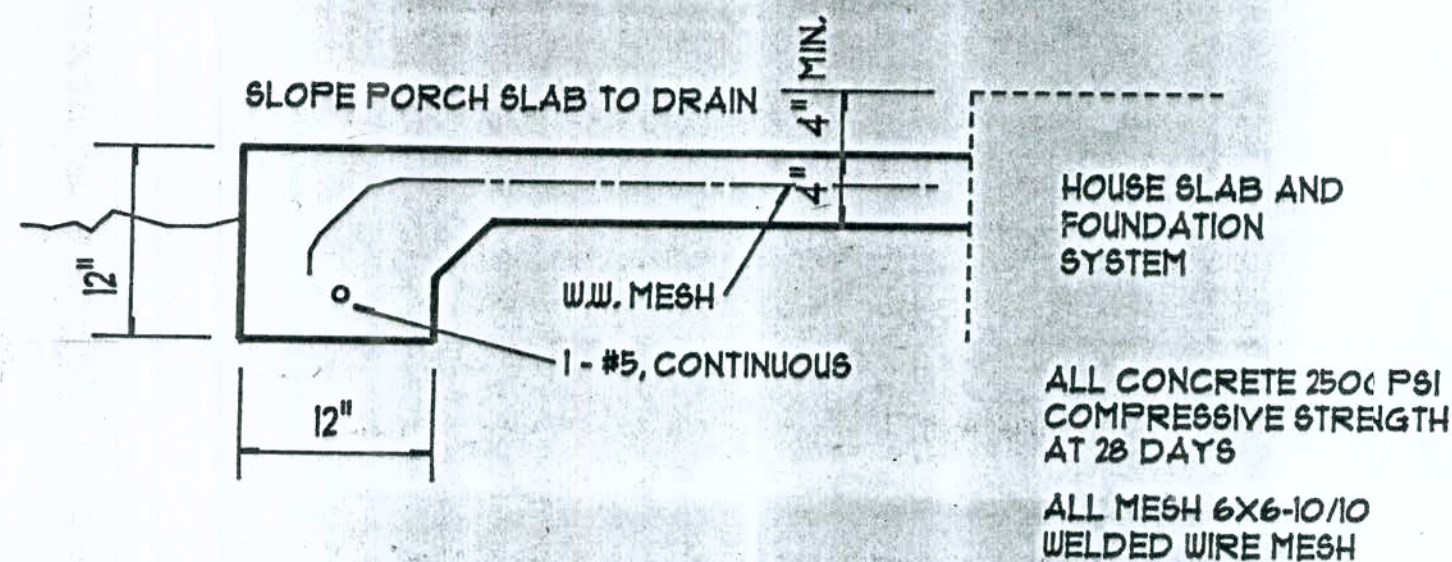
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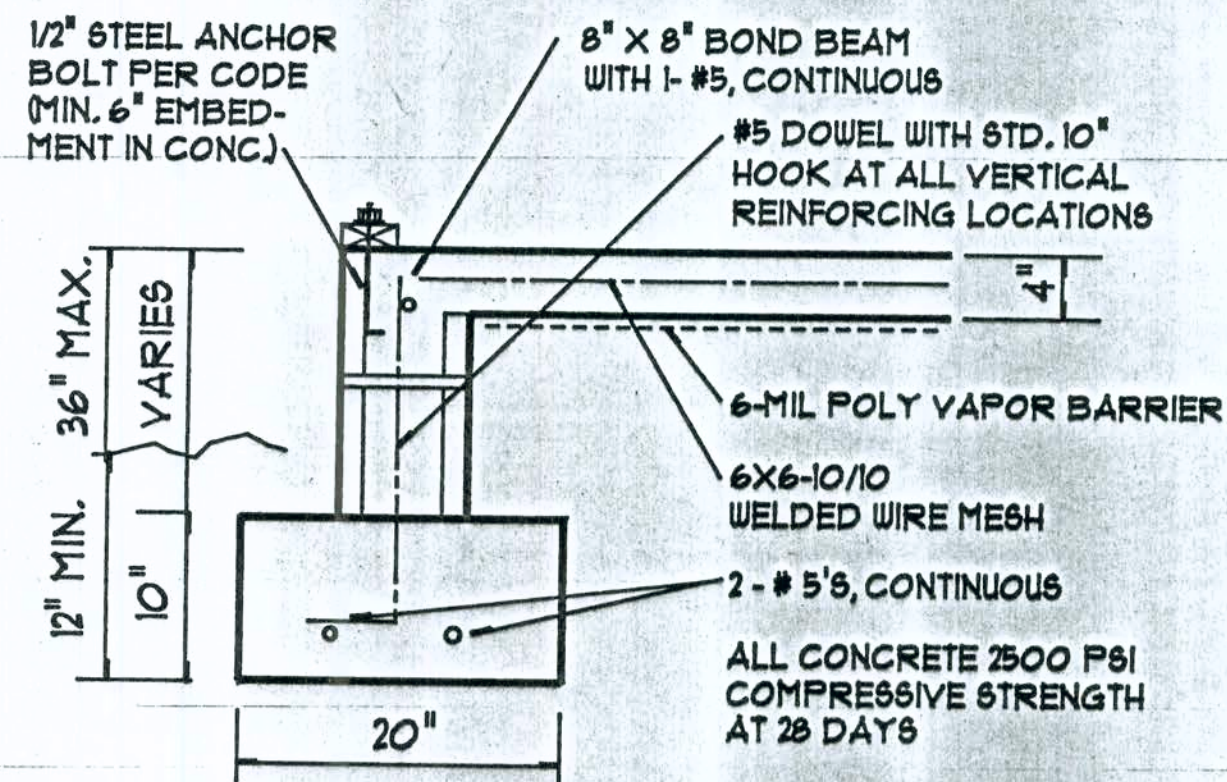
PROJ 940232



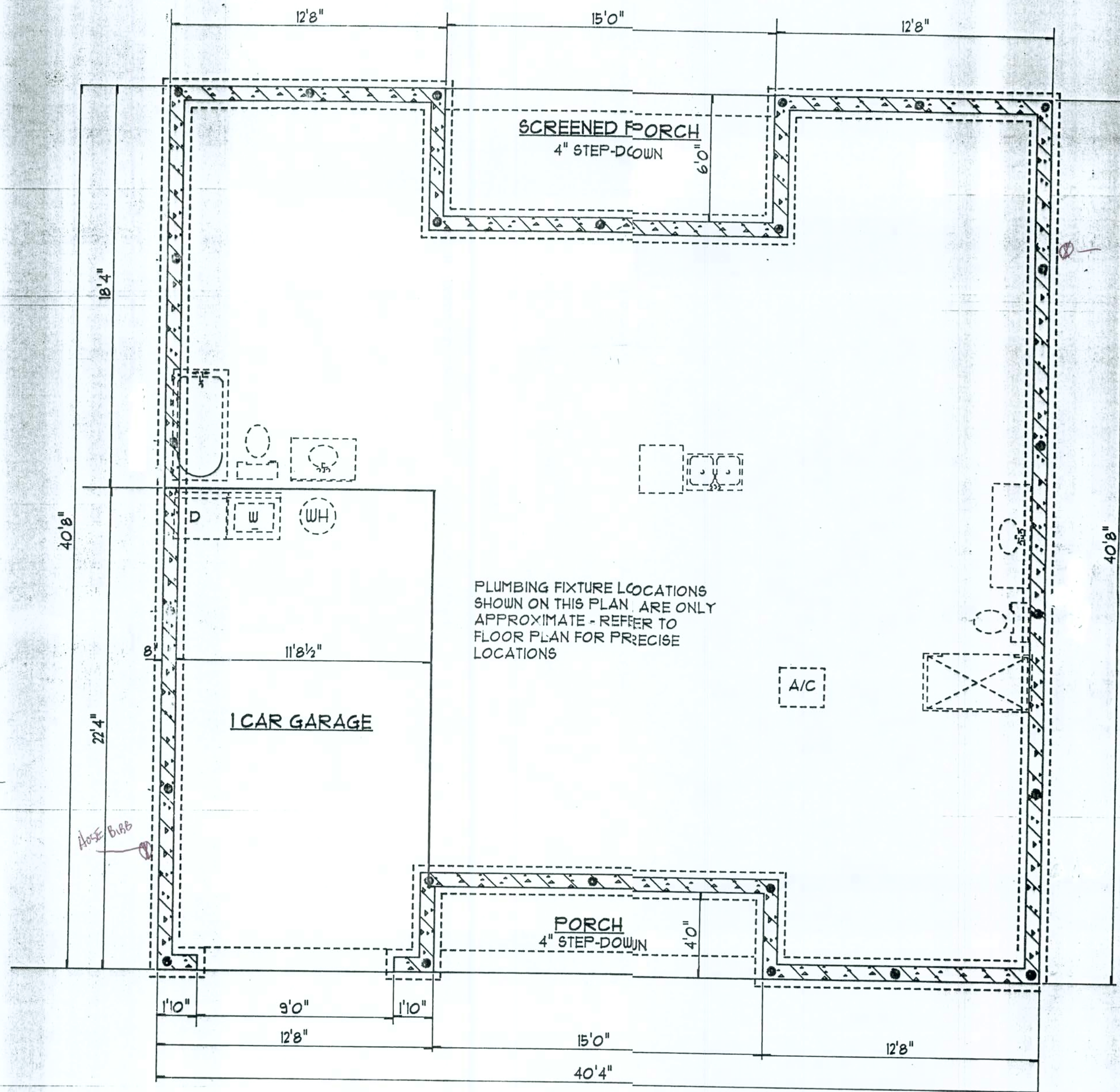
TYPICAL GARAGE DOOR POCKET



TYPICAL PORCH SLAB



TYPICAL STRIP FOOTING & STEMWALL



03/01/94

KINGSWOOD MODEL

EASTSIDE VILLAGE, LAKE CITY, FLORIDA

FOUNDATION PLAN

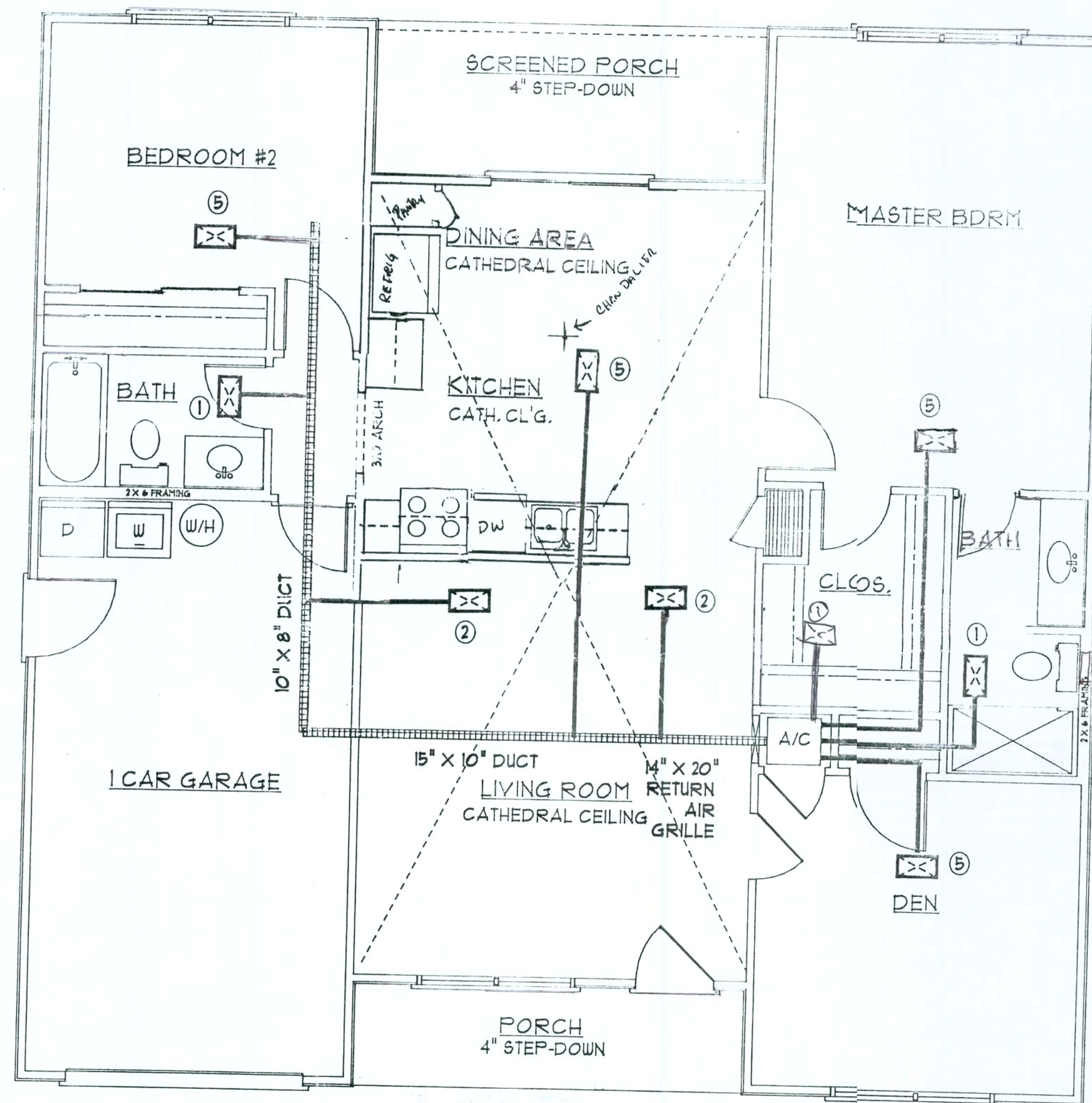
1/4" = 1'0"

ALL WORK SHALL COMPLY WITH THE SOUTHERN STANDARD BUILDING CODE AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES

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PROJ 940232



HVAC GRILLE SCHEDULE			
MARK	SIZE	DIAM.	CFM
①	4" X 8"	4" FLEX	55
②	6" X 10"	6" FLEX	95
③	6" X 10"	8" FLEX	130
④	6" X 12"	6" FLEX	150
⑤	6" X 12"	8" FLEX	175
⑥	1" X 12"	8" FLEX	230

ALL DUCTS AND GRILLES DESIGNED IN ACCORDANCE WITH ACCA MANUAL D

03/01/94

KINGSWOOD MODEL
EASTSIDE VILLAGE, LAKE CITY, FLORIDA

HVAC FLOOR PLAN
1/4" = 1'0"

ALL WORK SHALL COMPLY WITH THE SOUTHERN STANDARD BUILDING CODE AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES

PLANS PREPARED BY
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PROJ 94032

WIND LOAD ENGINEERING - SBC 1997, Section 1606 - 100 MPH Wind Speed - 1.0 Use Factor

FIRST STREET DESIGNS - The Kingswood Model, Eastside Village, Lake City, FL

Reference: First Street Designs, Design Drawings, Dated 30Apr00

Component	Description	Anchors, Connectors, Reinforcement *				
Footings and Foundations						
Strip footing	20"Wx10"D poured concrete	2-#5 bars, continuous				
Concrete block stem wall	8"x8"x16" block, running bond, w/ header block, fully grouted.	#5 vertical dowel at corners and 96"OC max. Dowels w/ std hook in footing and slab.				
Interior footing	16"Wx12"D monolithic, thickened slab	2-#5 bars, continuous (Check truss engineering for interior bearing walls)				
Porch footing	12"Wx12"D monolithic, widen to 24"x24"x12"D for columns	2-#5 bars, continuous				
Garage door foot.	12"Wx20"D monolithic	2-#5 bars, continuous				
Floor System	4" concrete, poured monolithic with stem wall grout.	6"x6"-10/10 welded wire mesh, overlap slab edge bar. 1-#5 bar, continuous, in slab edge / stem wall header.				
Notes:	2500psi concrete. Grade40 bars 25"lap.	Embedded anchors in poured concrete; see applicable components.				
Roof System						
Trusses / Girders	Wood trusses with engineering design provided by truss manufacturer.		Select hurricane clips based on all reactions from truss engineering. Strap rafters to trusses with min uplift 450lb each end.			
		Uplift force, lb.	Top connector - Simpson [®]		Bottom connector - Simpson [®]	
		≤ 415	H2.5	415	No special connector required.	
		≤ 905	H10	905	No special connector required.	
		≤ 1205	TS22	1215	LTT19	1205
		≤ 1750	2-TS22	2430	LTT20B-nail	1750
		≤ 2430	2-TS22	2430	HD2A-2.5"	2565
		≤ 3645	3-TS22	3645	HD5A-3"	3705
Roof sheathing	7/16"OSB perpendicular to trusses w/each row staggered	Nailed to roof framing with 8d common nails 6"OC edges, 12"OC field.				
Shear Wall Segments						
Sole plate	PT pine bearing on foundation wall.	Anchor bolts 1/2"-A307, 2"washer, 7"min. embedment, 1st -6"from corner, then 48"OC max.				
Studs	SPF#2 at 16"OC (1-2x4 to 10'8", 2-2x4 to 13'6", 3-2x4 to 15'6", 1-2x6 to 17'3", 2-2x6 to 21'6").	Sheathing nailing alone is adequate for uplift. 8d nails 3"OC top, 8d nails 4"OC bottom				

CERTIFICATION:

I hereby certify that the accompanying Wind Load Analysis for FIRST STREET DESIGNS - The Kingswood Model, Eastside Village, Lake City, FL demonstrates compliance with SBCCI "Standard Building Code", Section 1606, to the best of my knowledge.

Mark Disosway
01 MAY 00
Mark D. Disosway III

Component	Description		Anchors, Connectors, Reinforcement *			
Double top plate	2 - 2x4 (or 2x6) SPF No.1&2		Nailed together 12"OC w/16d common nails.			
Sheathing	7/16"OSB, 48"W placed vertically, continuous from top plate to sole plate. Block all joints.		8d common nails, 3"OC top, 4"OC bot, 4"OC edge, 8"OC field. (OSB must cover top plate or use LSTA9 at 32"OC.)			
Other walls						
Exterior walls	Same as shear walls.		Same as shear walls.			
Interior load bearing walls	2x4 SPF No.1&2 at 16"OC, PT pine sole plate. (Check truss engineering for interior bearing walls.)		SP2 top and SP1 bottom of stud 32"OC provides 265lb uplift per lineal foot of wall (for up to 485 lb/ft apply SP1&2 16"OC). Anchor bolts, 1/2"-A307, 2" washer, 7" embedment, 6" from ends, then 48"OC.			
Gable end wall	Balloon frame gable end walls (see detail)					
Headers	Header design per SBC.		Select connectors for top and bottom of header studs based on truss manufacturer's engineered uplift reactions.			
	To determine uplift at each end of header, total uplifts for all trusses bearing on header and divide by 2. (Example connectors table below.)	Uplift force, lb.	Top connector - Simpson [≠]		Bottom connector - Simpson [≠]	
		≤ 455	LSTA9	605	H3	45'
		≤ 755	LSTA12	755	2-H3	91'
		≤ 1055	LSTA18	1055	LTT19	126'
		≤ 1510	2-LSTA12	1510	LTT20B-nail	170'
		≤ 2110	2-LSTA18	2110	HD2A-2.5"	255'
		≤ 2775	3-LSTA18	3165	HD2A-3.5"	275'
Cripples	2x4 SPF No.1&2 W/ 7/16"OSB		Sheathing nailing alone is adequate for uplift. 8d common nail 4"OC			
Porches						
Porch posts	Typical post spacing 15'		Select post anchors and hold down straps based on truss manufacturer's engineered uplift reactions. (Examples table below.)			
		Uplift force, lb.	Anchors (for stated load)		Hurricane straps (for rated load)	
		1055	LTT19	1205 lb	LSTA18	105 lb
		2110	ABU44	2200 lb	2xLSTA18	210 lb
Porch beams	Beam design per SBC. 2-2x10 is OK for <180plf vertical load w/15'span.		Select connectors based on truss mfg's engineered reactions. Verify truss vertical load on beam.			

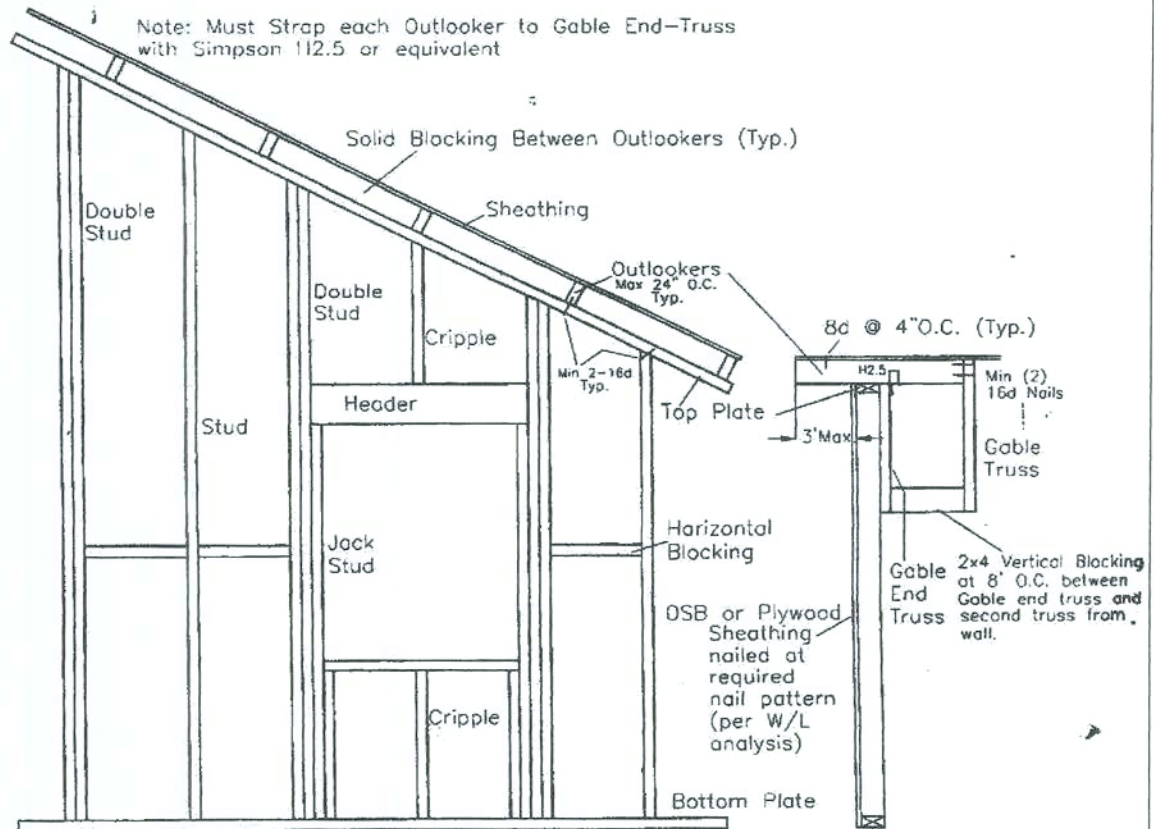
[≠] Manufacturer and product number for connectors, anchors, and reinforcement are listed for example not endorsement. A equivalent device of the same or other manufacturer can be substituted for any devices listed in the example tables as long as it meets the required load capacities.

* It is the builder's responsibility to provide a continuous load path from trusses to foundation.

Note: This report establishes the minimum requirements for wind load stability. It is the owner/builder's responsibility to provide materials and construction techniques, which comply with SBC requirements for the stated wind velocity.

Acceptable Framing Method for Balloon Framed Gable End-Wall

Blocking must be parallel to top and bottom plates with a minimum of 2-16d nails



00192	Project number
igawood Model, East Side Village	Project name
First Street Designs	Client
Columbia Co	Location
1-May-00	Date of data entry
100 mph	Wind Speed
1	Use factor
Enclosed	Degree of enclosure
Permanent	Permanent or relocatable building
New residence	Type of building
1	One or Two story building
Rectangle	General shape of building (show diagram)
Gable end	Gable end or Hip
40.3 ft	L, Length, parallel to ridge, along bearing walls out to out of studs
ft	L2, "L" stem
36.7 ft	W1, Width, perpendicular to ridge, along end walls
ft	W2, "L" stem
5.0 / 12	Roof slope
2.0 ft	Roof overhang, end wall
2.0 ft	Roof overhang, long wall
2.0 ft	Normal truss spacing
2.0 ft	Normal gable end rake overhang outlooker spacing
8.1 ft	Normal height of exterior walls
16 in	Normal stud spacing

7.3 ft	Eave height, end wall
7.3 ft	Eave height, long wall
22.6 deg	Roof slope
12.5 ft	Mean roof height 33ft max
20.4 psf	Velocity pressure
3.7 ft	Edge strip width

Wind perpendicular to the ridge shearwall analysis

Wind pressure based on MMFRS coeff, SBC 1999, Fig.1606.2B

Zone	1E	2E	3E	4E	1	2	3	4	Overl
GCp coefficient	0.7	-1	-1	-0.95	0.4	-0.75	-0.75	-0.7	-1.5

354 ft2 Vertical projection of roof

5885 lb Transverse Wind Force at Top of Wall

16" OC	Wall studs spacing
SPF No1&2	Wall stud framing lumber
7/16" OSB	Wall shear siding material - All edges nailed
8d Common	Fasteners
6" OC	Fastener edge spacing
12" OC	Fastener interior spacing

5d 7"OC edge, 1/2" gyp

484 plf	Allowable unit shear on shearwalls
12.6 ft	MINIMUM REQUIRED TOTAL SHEARWALL LENGTH
78.3 ft	Actual transverse shearwalls
317 plf	Allowable unit shear on roof diaphragm
19 ft	Minimum required total dragstrut length
64 ft	Actual endwalls dragstrut
OK SBC	Code compliance

Wind parallel to the ridge shearwall analysis

Wind pressure based on MMFRS coeff, SBC 1999, Table1606.2C

Zone	2E	3E	5E	6E	2	3	5	6
GCp coefficient	-1	-0.4	0.9	-0.3	-0.6	-0.25	0.65	-0.15

235 ft2 Vertical projection of roof

6242 lb Longitudinal Wind Force at Top of Wall

16" OC	Wall studs spacing
SPF No1&2	Wall stud framing lumber
7/16" OSB	Wall shear siding material - All edges nailed
8d Common	Fasteners
6" OC	Fastener edge spacing
12" OC	Fastener interior spacing

5d 7"OC edge, 1/2" gyp

484 plf	Allowable unit shear on shearwalls
13.6 ft	MINIMUM REQUIRED TOTAL SHEARWALL LENGTH
22.7 ft	Actual transverse shearwalls
317 plf	Allowable unit shear on roof diaphragm
20 ft	Minimum required total dragstrut length
60 ft	Actual endwalls dragstrut
OK SBC	Code compliance

RIGHT-J LOAD AND EQUIPMENT SUMMARY

For: KINGSWOOD MODEL
EASTSIDE VILLAGE
LAKE CITY FL 32055
904-752-8267

By: FIRST STREET DESIGNS, INC
2023 SOUTH FIRST STREET
LAKE CITY FL 32055
904-758-8856

Job #: 940232
Wthr : Gainesville_AP_(S) FL
Zone :

WINTER DESIGN CONDITIONS

Outside db: 31 Deg F
Inside db: 70 Deg F
Design TD: 39 Deg F

SUMMER DESIGN CONDITIONS

Outside db: 93 Deg F
Inside db: 75 Deg F
Design TD: 18 Deg F
Daily Range M
Rel. Hum. : 50 %
Grains Water 51 gr

HEATING SUMMARY

Bldg. Heat Loss 24453 Btuh
Ventilation Air 0 CFM
Vent Air Loss 0 Btuh
Design Heat Load 24453 Btuh

SENSIBLE COOLING EQUIP LOAD SIZING

Structure 17283 Btuh
Ventilation 0 Btuh
Design Temp. Swing 3.0 Deg F
Use Mfg. Data n
Rate/Swing Mult. 1.00
Total Sens Equip Load 17283 Btuh

INFILTRATION

Const Qual a # Fireplaces 0
HEATING COOLING
Area (sq.ft.) 1210 1210
Volume (cu.ft.) 10141 10141
Air Changes/Hour 1.0 0.5
Equivalent CFM 169 85

LATENT COOLING EQUIP LOAD SIZING

Internal Gains 1380 Btuh
Ventilation 0 Btuh
Infiltration 2937 Btuh
Tot Latent Equip Load 4317 Btuh
Total Equip Load 21599 Btuh

HEATING EQUIPMENT SUMMARY

Make
Model
Type
Efficiency / HSPF 0.0
Heating Input 0 Btuh
Heating Output 0 Btuh
Heating Temp Rise 0 Deg F
Actual Heating Fan 827 CFM
Htg Air Flow Factor 0.034 CFM/Btuh
Space Thermostat

COOLING EQUIPMENT SUMMARY

Make
Model
Type
COP/EER/SEER 0.0
Sensible Cooling 0 Btuh
Latent Cooling 0 Btuh
Total Cooling 0 Btuh
Actual Cooling Fan 827 CFM
Clg Air Flow Factor 0.048 CFM/Btuh
Load Sens Heat Ratio 80

RIGHT-J CALCULATION PROCEDURES A,B,C,D

Job #: 940232

Procedure A - Winter Infiltration HTM Calculation*

1. Winter Infiltration CFM	
1.0 AC/HR x 10141 Cu.Ft. x 0.0167	169 CFM
2. Winter Infiltration Btuh	
1.1 x 169 CFM x 39 Winter TD =	7265 Btuh
3. Winter Infiltration HTM	
7265 Btuh / 164 Total Window & Door Area =	44.3 HTM

Procedure B - Summer Infiltration HTM Calculation*

1. Summer Infiltration CFM	
0.5 AC/HR x 10141 Cu.Ft. x 0.0167	85 CFM
2. Summer Infiltration Btuh	
1.1 x 85 CFM x 18 Summer TD =	1677 Btuh
3. Summer Infiltration HTM	
1677 Btuh / 164 Total Window & Door Area =	10.2 HTM

Procedure C - Latent Infiltration Gain

0.68 x 51 gr.diff. x 85 CFM =	2937 Btuh
-------------------------------	-----------

Procedure D - Equipment Sizing Loads

1. Sensible Sizing Load	
Sensible Ventilation Load	
1.1 x 0 Vent.CFM x 18 Summer TD =	0 Btuh
Sensible Load for Structure (Line 19) +	17283 Btuh
Sum of Ventilation and Structure Loads =	17283 Btuh
Rating and Temperature Swing Multiplier x	1.00 RSM
Equipment Sizing Load - Sensible +	17283 Btuh
2. Latent Sizing Load	
Latent Ventilation Load	
0.68 x 0 Vent.CFM x 51 gr.diff. =	0 Btuh
Internal Loads = 230 x 6 No. People +	1380 Btuh
Infiltration Load From Procedure C +	2937 Btuh
Equipment Sizing Load - Latent =	4317 Btuh

1	Name of Room	Entire House						LIVING ROOM		
2	Running Ft. Exposed Wall	171.4 Ft.						31.0 Ft.		
3	Room Dimensions, Ft.	15.0 x 16.0 Ft.						9.0 x 16.0 Ft.		
4	Ceilings, Ft Condit. Option	8.3						9.0 heat/cool		
TYPE OF EXPOSURE		CST NO.	HTM Htg Clg	Area Length	Btuh Htg Clg	Area Length	Btuh Htg Clg			
5	Gross	a 12D	3.1 1.7	1156	**** ****	120	**** ****			
	Exposed	b 13D	1.6 1.0	229	**** ****	128	**** ****			
	Walls and	c	0.0 0.0	0	**** ****	0	**** ****			
	Partitions	d	0.0 0.0	0	**** ****	0	**** ****			
		e	0.0 0.0	0	**** ****	0	**** ****			
		f	0.0 0.0	0	**** ****	0	**** ****			
6	Windows	a 3C	28.3 **	144	4072 ****	26	735 ****			
	& Glass	b	0.0 **	0	0 ****	0	0 ****			
	Doors Htg.	c	0.0 **	0	0 ****	0	0 ****			
		d	0.0 **	0	0 ****	0	0 ****			
		e	0.0 **	0	0 ****	0	0 ****			
		f	0.0 **	0	0 ****	0	0 ****			
7	Windows	North		23.0	80 **** 1831	26	**** 597			
	& Glass	NE&NW		0.0	0 **** 0	0	**** 0			
	Doors Clg.	E&W		72.0	64 **** 4636	0	**** 4			
		SE&SW		0.0	0 **** 0	0	**** 0			
		South		0.0	0 **** 0	0	**** 0			
		Horz		0.0	0 **** 0	0	**** 0			
8	Othr doors	a 11A	23.0 12.7	20	460 255	20	460 255			
		b	0.0 0.0	0	0 0	0	0 0			
9	Net	a 12D	3.1 1.7	992	3096 1715	74	231 128			
	Exposed	b 13D	1.6 1.0	229	366 238	128	205 133			
	Walls and	c	0.0 0.0	0	0 0	0	0 0			
	Partitions	d	0.0 0.0	0	0 0	0	0 0			
		e	0.0 0.0	0	0 0	0	0 0			
		f	0.0 0.0	0	0 0	0	0 0			
10	Ceilings	a 16G	1.3 1.4	1210	1557 1677	240	309 333			
		b	0.0 0.0	0	0 0	0	0 0			
		c	0.0 0.0	0	0 0	0	0 0			
11	Floors	a 22A	31.6 0.0	171	5413 0	31	979 0			
		b	0.0 0.0	0	0 0	0	0 0			
		c	0.0 0.0	0	0 0	0	0 0			
12	Infiltration	a	44.3 10.2	164	7265 1677	46	2038 470			
13	Subtot Btuh Loss=6+8...+11+12			****	22230 ****	****	4957 ****			
14	Duct Btuh Loss			10%	2223 ****	10%	496 ****			
15	Total Btuh Loss = 13+14			****	24453 ****	****	5453 ****			
16	Int. Gains: People @	300		6	**** 1800	0	**** 0			
	Appl. @	1200		1	**** 1200	0	**** 0			
17	Subtot RSH Gain=7+8...+12+16			****	**** 15028	****	**** 1920			
18	Duct Btuh Gain			15%	**** 2254	15%	**** 288			
19	Total RSH Gain = 17+18			****	**** 17283	****	**** 2208			
20	CFM Air Required			****	827 827	****	184 106			

1	Name of Room				DEN			MASTER BATH		
2	Running Ft. Exposed Wall				28.7 Ft.			10.7 Ft.		
3	Room Dimensions, Ft.				12.7 x 12.0 Ft.			5.5 x 10.7 Ft.		
4	Ceilings,Ft Condit. Option				8.0 heat/cool			8.0 heat/cool		
TYPE OF EXPOSURE		CST NO.	HTM Htg	HTM Clg	Area Length	Btuh Htg Clg		Area Length	Btuh Htg Clg	
5	Gross Exposed Walls and Partitions	a 12D b 13D c d e f	3.1 1.6 0.0 0.0 0.0 0.0	1.7 1.0 0.0 0.0 0.0 0.0	229 0 0 0 0 0	**** **** **** **** **** ****	**** **** **** **** **** ****	85 0 0 0 0 0	**** **** **** **** **** ****	**** **** **** **** **** ****
6	Windows & Glass Doors Htg.	a 3C b c d e f	28.3 0.0 0.0 0.0 0.0 0.0	** ** ** ** ** **	26 0 0 0 0 0	735 0 0 0 0 0	**** **** **** **** **** ****	0 0 0 0 0 0	0 0 0 0 0 0	**** **** **** **** **** ****
7	Windows & Glass Doors Clg.	North NE&NW E&W SE&SW South Horz	23.0 0.0 72.0 0.0 0.0 0.0		6 0 20 0 0 0	**** **** **** **** **** ****	137 0 1443 0 0 0	0 0 0 0 0 0	**** **** **** **** **** ****	G G G G G G
8	Othr doors	a 11A b	23.0 0.0	12.7 0.0	0 0	0 0	0 0	0 0	0 0	G G
9	Net Exposed Walls and Partitions	a 12D b 13D c d e f	3.1 1.6 0.0 0.0 0.0 0.0	1.7 1.0 0.0 0.0 0.0 0.0	203 0 0 0 0 0	634 0 0 0 0 0	351 0 0 0 0 0	85 0 0 0 0 0	266 0 0 0 0 0	148 G G G G G G
10	Ceilings	a 16G b c	1.3 0.0 0.0	1.4 0.0 0.0	152 0 0	196 0 0	211 0 0	59 0 0	76 0 0	81 G G
11	Floors	a 22A b c	31.6 0.0 0.0	0.0 0.0 0.0	29 0 0	906 0 0	0 0 0	11 0 0	337 0 0	G G G
12	Infiltration	a	44.3	10.2	26	1152	266	0	0	G
13	Subtot Btuh Loss=6+8..+11+12				****	3623	****	****	679	****
14	Duct Btuh Loss				10%	362	****	10%	68	****
15	Total Btuh Loss = 13+14				****	3985	****	****	747	****
16	Int. Gains: People @ 300 Appl. @ 1200				2 0	**** ****	600 0	0 0	**** ****	G G
17	Subtot RSH Gain=7+8..+12+16				****	****	3008	****	****	229
18	Duct Btuh Gain				15%	****	451	15%	****	34
19	Total RSH Gain = 17+18				****	****	3459	****	****	263
20	CFM Air Required				****	135	166	****	25	13

1	Name of Room	MASTER BEDROOM						KITCHEN/DINING		
2	Running Ft. Exposed Wall	36.7 Ft.						15.0 Ft.		
3	Room Dimensions, Ft.	12.7 x 18.0 Ft.						15.0 x 14.7 Ft.		
4	Ceilings, Ft Condit. Option	8.0 heat/cool						9.0 heat/cool		
TYPE OF EXPOSURE		CST NO.	HTM Htg	HTM Clg	Area Length	Btuh Htg	Btuh Clg	Area Length	Btuh Htg	Btuh Clg
5	Gross	a 12D	3.1	1.7	293	****	****	135	****	****
	Exposed	b 13D	1.6	1.0	0	****	****	0	****	****
	Walls and	c	0.0	0.0	0	****	****	0	****	****
	Partitions	d	0.0	0.0	0	****	****	0	****	****
		e	0.0	0.0	0	****	****	0	****	****
		f	0.0	0.0	0	****	****	0	****	****
6	Windows	a 3C	28.3	**	26	735	****	40	1131	****
	& Glass	b	0.0	**	0	0	****	0	0	****
	Doors Htg.	c	0.0	**	0	0	****	0	0	****
		d	0.0	**	0	0	****	0	0	****
		e	0.0	**	0	0	****	0	0	****
		f	0.0	**	0	0	****	0	0	****
7	Windows	North		23.0	6	****	137	36	****	823
	& Glass	NE&NW		0.0	0	****	0	0	****	0
	Doors Clg.	E&W		72.0	20	****	1443	4	****	302
		SE&SW		0.0	0	****	0	0	****	0
		South		0.0	0	****	0	0	****	0
		Horz		0.0	0	****	0	0	****	0
8	Othr doors	a 11A	23.0	12.7	0	0	0	0	0	0
		b	0.0	0.0	0	0	0	0	0	0
9	Net	a 12D	3.1	1.7	267	834	462	95	296	164
	Exposed	b 13D	1.6	1.0	0	0	0	0	0	0
	Walls and	c	0.0	0.0	0	0	0	0	0	0
	Partitions	d	0.0	0.0	0	0	0	0	0	0
		e	0.0	0.0	0	0	0	0	0	0
		f	0.0	0.0	0	0	0	0	0	0
10	Ceilings	a 16G	1.3	1.4	228	294	316	220	283	305
		b	0.0	0.0	0	0	0	0	0	0
		c	0.0	0.0	0	0	0	0	0	0
11	Floors	a 22A	31.6	0.0	37	1158	0	15	474	0
		b	0.0	0.0	0	0	0	0	0	0
		c	0.0	0.0	0	0	0	0	0	0
12	Infiltration	a	44.3	10.2	26	1152	266	40	1772	409
13	Subtot Btuh Loss=6+8...+11+12	****				4173	****	****	3956	****
14	Duct Btuh Loss	10%				417	****	10%	396	****
15	Total Btuh Loss = 13+14	****				4590	****	****	4352	****
16	Int. Gains: People @	300			2	****	600	0	****	0
	Appl. @	1200			0	****	0	1	****	1200
17	Subtot RSH Gain=7+8...+12+16	****				****	3224	****	****	3204
18	Duct Btuh Gain	15%				****	484	15%	****	481
19	Total RSH Gain = 17+18	****				****	3708	****	****	3684
20	CFM Air Required	****				155	177	****	147	176

1		Name of Room				BEDROOM 2			HALL BATH/HALL		
2		Running Ft. Exposed Wall				30.7 Ft.			18.7 Ft.		
3		Room Dimensions, Ft.				12.7 x 12.0 Ft.			12.7 x 6.0 Ft.		
4		Ceilings,Ft Condit. Option				8.0		heat/cool	8.0		heat/cool
TYPE OF EXPOSURE		CST	HTM	Area		Btuh		Area	Btuh		
		NO.	Htg	Clg	Length	Htg	Clg	Length	Htg	Clg	
5		Gross	a 12D	3.1	1.7	245	****	****	48	****	****
		Exposed	b 13D	1.6	1.0	0	****	****	101	****	****
		Walls and	c	0.0	0.0	0	****	****	0	****	****
		Partitions	d	0.0	0.0	0	****	****	0	****	****
			e	0.0	0.0	0	****	****	0	****	****
			f	0.0	0.0	0	****	****	0	****	****
6		Windows	a 3C	28.3	**	26	735	****	0	0	****
		& Glass	b	0.0	**	0	0	****	0	0	****
		Doors Htg.	c	0.0	**	0	0	****	0	0	****
			d	0.0	**	0	0	****	0	0	****
			e	0.0	**	0	0	****	0	0	****
			f	0.0	**	0	0	****	0	0	****
7		Windows	North		23.0	6	****	137	0	****	0
		& Glass	NE&NW		0.0	0	****	0	0	****	0
		Doors Clg.	E&W		72.0	20	****	1443	0	****	0
			SE&SW		0.0	0	****	0	0	****	0
			South		0.0	0	****	0	0	****	0
			Horz		0.0	0	****	0	0	****	0
8		Othr doors	a 11A	23.0	12.7	0	0	0	0	0	0
			b	0.0	0.0	0	0	0	0	0	0
9		Net	a 12D	3.1	1.7	219	684	379	48	150	83
		Exposed	b 13D	1.6	1.0	0	0	0	101	162	105
		Walls and	c	0.0	0.0	0	0	0	0	0	0
		Partitions	d	0.0	0.0	0	0	0	0	0	0
			e	0.0	0.0	0	0	0	0	0	0
			f	0.0	0.0	0	0	0	0	0	0
10		Ceilings	a 16G	1.3	1.4	152	196	211	76	98	106
			b	0.0	0.0	0	0	0	0	0	0
			c	0.0	0.0	0	0	0	0	0	0
11		Floors	a 22A	31.6	0.0	31	969	0	19	590	0
			b	0.0	0.0	0	0	0	0	0	0
			c	0.0	0.0	0	0	0	0	0	0
12		Infiltration	a	44.3	10.2	26	1152	266	0	0	0
13		Subtot Btuh Loss=6+8..+11+12				****	3736	****	****	999	****
14		Duct Btuh Loss				10%	374	****	10%	100	****
15		Total Btuh Loss = 13+14				****	4109	****	****	1099	****
16		Int. Gains: People @ 300				2	****	600	0	****	0
		Appl. @ 1200				0	****	0	0	****	0
17		Subtot RSH Gain=7+8..+12+16				****	****	3036	****	****	294
18		Duct Btuh Gain				15%	****	455	15%	****	44
19		Total RSH Gain = 17+18				****	****	3491	****	****	338
20		CFM Air Required				****	139	167	****	37	16

1 Name of Room		CORE							
2 Running Ft. Exposed Wall		0.0 Ft.						Ft.	
3 Room Dimensions, Ft.		10.0 x 8.3 Ft.						Ft.	
4 Ceilings, Ft Condit. Option		8.0 heat/cool							
TYPE OF EXPOSURE	CST NO.	HTM Htg	HTM Clg	Area Length	Btuh Htg	Btuh Clg	Area Length	Btuh Htg	Btuh Clg
5 Gross	a 12D	3.1	1.7	0	****	****		****	****
Exposed	b 13D	1.6	1.0	0	****	****		****	****
Walls and	c	0.0	0.0	0	****	****		****	****
Partitions	d	0.0	0.0	0	****	****		****	****
	e	0.0	0.0	0	****	****		****	****
	f	0.0	0.0	0	****	****		****	****
6 Windows	a 3C	28.3	**	0	0	****			****
& Glass	b	0.0	**	0	0	****			****
Doors Htg.	c	0.0	**	0	0	****			****
	d	0.0	**	0	0	****			****
	e	0.0	**	0	0	****			****
	f	0.0	**	0	0	****			****
7 Windows	North	23.0		0	****	0		****	
& Glass	NE&NW	0.0		0	****	0		****	
Doors Clg.	E&W	72.0		0	****	0		****	
	SE&SW	0.0		0	****	0		****	
	South	0.0		0	****	0		****	
	Horz	0.0		0	****	0		****	
8 Othr doors	a 11A	23.0	12.7	0	0	0			
	b	0.0	0.0	0	0	0			
9 Net	a 12D	3.1	1.7	0	0	0			
Exposed	b 13D	1.6	1.0	0	0	0			
Walls and	c	0.0	0.0	0	0	0			
Partitions	d	0.0	0.0	0	0	0			
	e	0.0	0.0	0	0	0			
	f	0.0	0.0	0	0	0			
10 Ceilings	a 16G	1.3	1.4	83	107	115			
	b	0.0	0.0	0	0	0			
	c	0.0	0.0	0	0	0			
11 Floors	a 22A	31.6	0.0	0	0	0			
	b	0.0	0.0	0	0	0			
	c	0.0	0.0	0	0	0			
12 Infiltration	a	44.3	10.2	0	0	0			
13 Subtot Btuh Loss=6+8...+11+12	****	107	****	****		****		****	
14 Duct Btuh Loss	10%	11	****	****		****		****	
15 Total Btuh Loss = 13+14	****	118	****	****		****		****	
16 Int. Gains: People @ 300	0	****	0		****			****	
Appl. @ 1200	0	****	0		****			****	
17 Subtot RSH Gain=7+8...+12+16	****	****	115	****	****			****	
18 Duct Btuh Gain	15%	****	17	****	****			****	
19 Total RSH Gain = 17+18	****	****	132	****	****			****	
20 CFM Air Required	****	4	6	****	****			****	

RIGHT-J WINDOW DATA

Job #: 940232

W	S	D	W	G	L	S	S	O	N	A	S	O	O	W	C	W	
N	K	I	A	L	O	T	H	V	G	N	H	V	V	H	H	N	
D	Y	R	L	A	W	R	A	H	L	G	C	R	R	G	T	A	
W			L	Z	E	M	D	G	Z	L	O	X	Y	T	M	R	

LIVING ROOM

a	n	e	a	c	n	n	n	y	2	90	1.0	6.0	0.7	4.3	72.0	26.0	25.0
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DEN

a	n	e	a	c	n	n	n	y	2	90	1.0	2.0	0.7	4.3	72.0	26.0	6.0
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MASTER BATH

MASTER BEDROOM

a	n	w	a	c	n	n	n	y	2	90	1.0	2.0	0.7	4.3	72.0	26.0	6.0
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KITCHEN/DINING

a	n	w	a	c	n	n	n	y	2	90	1.0	8.0	0.7	6.7	72.0	40.0	35.3
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BEDROOM 2

a	n	w	a	c	n	n	n	y	2	90	1.0	2.0	0.7	4.3	72.0	26.0	6.0
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HALL BATH/HALL

CORE