DATE 08/05/2004

Columbia County Building Permit

PERMIT 000022157

This Permit Expires One Year From the Date of Issue

APPLICANT GERALD GUTHMILLER PHONE 904-732-7263

ADDRESS 4042 HARTLEY RD JACKSONVILLE FL 32257

OWNER JAMES PURVIS PHONE

ADDRESS 168 SW PERSIMMON PLACE LAKE CITY FL 32024

CONTRACTOR GERRALD GUTHMILLER PHONE 904-732-7263

LOCATION OF PROPERTY 90, L 247, L PERSIMMON PLACE, 3RD RESIDENCE ON RIGHT

TYPE DEVELOPMENT SCREEN RM ADDITION ESTIMATED COST OF CONSTRUCTION 23000.00

HEATED FLOOR AREA TOTAL AREA HEIGHT 9.00 STORIES 1

FOUNDATION WALLS ROOF PITCH FLOOR

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 11-4S-16-02927-001 SUBDIVISION COUNTRY HILLS

LOT 6/8 BLOCK PHASE UNIT TOTAL ACRES 3.86

		CGCA61841		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
EXISTING	X04-0135	BK	HD	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE

Check # or Cash 8746

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by

Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by

Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by

Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by

Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by

M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by

Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by

M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE $ 115.00 CERTIFICATION FEE $ .00 SURCHARGE FEE $ .00

MISC. FEES $ .00 ZONING CERT. FEE $ 50.00 FIRE FEE $ WASTE FEE $

FLOOD ZONE DEVELOPMENT FEE $ CULVERT FEE $ **TOTAL FEE** 165.00

INSPECTORS OFFICE LH CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY, AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

8746

Columbia County Building Permit Application

For Office Use Only Application # 0407-20 Date Received 7/8/04 By JW Permit # 22157

Application Approved by - Zoning Official BLK Date 15.07.04 Plans Examiner FHD Date 7-15-04

Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res Low Den.

Comments X04-0135

Applicants Name Guthmiller and Associates, Inc Phone (904) 732-7263

Address 4042 Hartley Rd, Jax FL 32257

Owners Name James Purvis Phone

911 Address 168 S.W. Persimmon Place, Lake City FL 32024

Contractors Name Gerrald F. Guthmiller Phone (904) 732-7263

Address 4042 Hartley Rd, Jacksonville FL 32257

Fee Simple Owner Name & Address James Purvis, 168 S.W. Persimmon Place, Lake City FL 32024

Bonding Co. Name & Address

Architect/Engineer Name & Address Gerald Guthmiller + Associates, Inc.

Mortgage Lenders Name & Address

Property ID Number 11-4S-16-02927-001 HX Estimated Cost of Construction $23,000

Subdivision Name Country Hills Lot 6+8 Block Unit Phase

Driving Directions Business Hwy-90 to left (south) on 247 to Persimmon Place L, 3rd RESIDENCE ON R.

Type of Construction sunroom addition Number of Existing Dwellings on Property 1

Total Acreage 3.86 Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 60 Side 60(?) Side Rear 60(?)

Total Building Height 9' Number of Stories 1 Heated Floor Area 12X27 Roof Pitch 1/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

James A Purvis
Owner Builder or Agent (Including Contractor)

Contractor Signature
Contractors License Number CGCA61841
Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 30 day of March 2004.

Personally known ____ or Produced Identification X

NOTARY STAMP/SEAL

Joann M. Butler
Notary Signature

JOANN M. BUTLER
Notary Public - State of Florida
My Commission Expires May 2, 2006
Commission # DD114392
Bonded By National Notary Assn.

AS PER NOC
X-04-0135 USE SAME RELEASE
7-9-04 JW

CALLED & NOTIFIED 7.15.04 - COLUMBIA 2961

they will call

FIRST COAST RAINGUARD HomeCenter

July 6, 2004

Lake City Building Department
150 N. W. Alachua Ave
Lake City, FL 32055

Attn: Permitting Dept.

Re: James Purvis
168 S. W. Persimmon Place
Addition of sunroom

Dear Building Department:

Enclosed are the following:

1. Building Permit Application ✓

2. 3 copies of Energy Efficiency Code Compliance N/A

3. 2 copies of Site survey with addition location marked ✓ (Poor)

4. Copy of page from Columbia County Property Appraiser showing proof of ownership ✓

5. 2 copies of signed and sealed engineering drawings of the proposed room addition ✓

6. Copy of the recorded Notice of Commencement ✓

7. EN. HEALTH RELEASE: SEE NOTES ON Building permit APPL. JLW

If you have any questions, please contact me. Call or fax me when permit has been approved. Thank you for your assistance in this matter.

Sincerely,

Joann Butler

Joann M. Butler
Administrative Services Supervisor

Enclosures

X-04-0135

4042 Hartley Road, Jacksonville, Florida Office 904-732-7263 FAX 904-732-7264

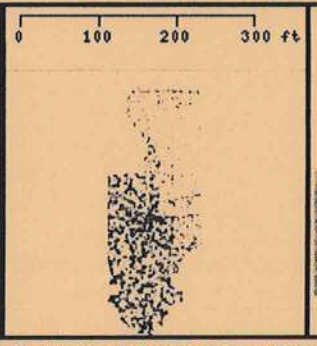
Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 11-4S-16-02927-001 HX - SINGLE FAM (000100)

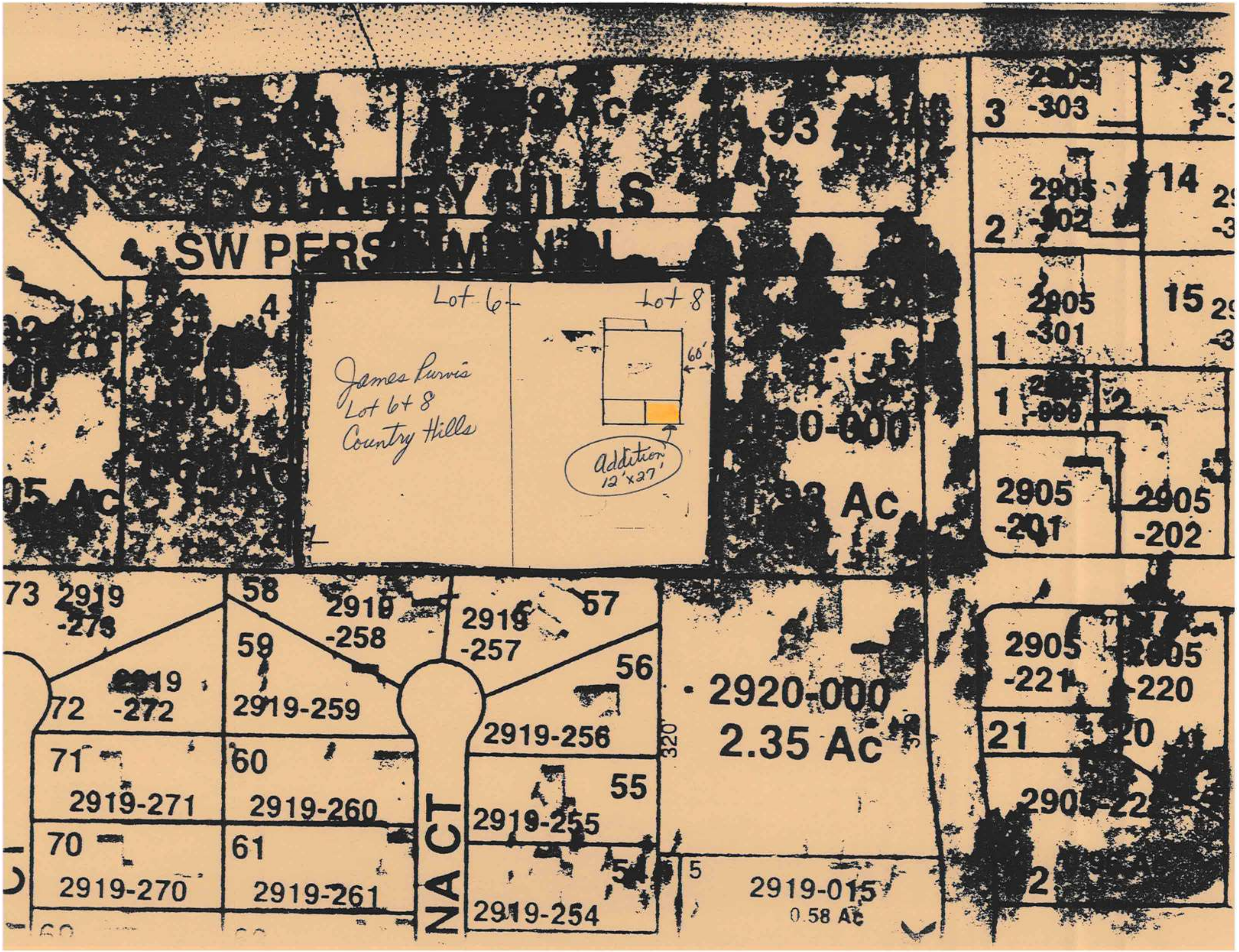
LOT 6 & 8 COUNTRY HILLS S/D. ORB 409-634, 528-716, 621-401, 882-941, 899-012.

Name:	PURVIS JAMES A & ANNETTE P	LandVal	$32,400.00
Site:	RT 15 BX 2285	BldgVal	$86,729.00
Mail:	~~RT 15 BOX 2285~~ 168 S.W Persimmon Pl. LAKE CITY, FL 32024	ApprVal	$119,129.00
		JustVal	$119,129.00
Sales Info	9/26/2003 $25,000.00 V / U	Assd	$115,096.00
		Exmpt	$25,000.00
		Taxable	$90,096.00



This information, GIS Map Updated: 03/11/2004, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Proof of Ownership



SW PERS
93
2905
-303
3
14
2905
-302
2
15
2905
-301
1
1
2
2905
-201
2905
-202
2905
-221
2905
-220
21
Lot 6
Lot 8
James Purvis
Lot 6 + 8
Country Hills
60'
Addition
12'x27'
Ac
2919
-258
58
2919
-257
57
2919
-272
72
73
59
2919-259
56
2919-256
71
2919-271
60
2919-260
55
2919-255
70
2919-270
61
2919-261
2919-254
NA CT
2920-000
2.35 Ac
320
5
2919-015
0.58 Ac

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 11-4S-16-02927-001 HX

1. **Description of property:** (legal description of the property and street address or 911 address)
Lots 6 & 8 Country Hills Subdivision

2. **General description of improvement:** replacement windows & vinyl siding, sunroom addition

3. **Owner Name & Address** James Purvis, 168 S.W. Persimmon Pl, Lake City FL 32024 **Interest in Property** fee simple

4. **Name & Address of Fee Simple Owner (if other than owner):** _____

5. **Contractor Name** Gerrald F. Guthmiller **Phone Number** 904-732-7263
Address 4042 Hartley Rd, Jacksonville FL 32257

6. **Surety Holders Name** _____ **Phone Number** _____
Address _____
Amount of Bond _____

7. **Lender Name** _____ **Phone Number** _____
Address _____

8. **Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:**
Name _____ **Phone Number** _____
Address _____

9. **In addition to himself/herself the owner designates** _____ **of** _____ **to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) –**
(a) 7. Phone Number of the designee _____

10. **Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified)** _____

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Sworn to (or affirmed) and subscribed before day of April 28, 2004

James A Purvis
Signature of Owner

NOTARY STAMP/SEAL

Joann M. Butler
Signature of Notary

JOANN M. BUTLER
Notary Public - State of Florida
My Commission Expires May 2, 2006
Commission # DD114392
Bonded By National Notary Assn.

Inst:2004010489 Date:05/07/2004 Time:12:45
TMK DC,P.DeWitt Cason,Columbia County B:1014 P:1869

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

FORM 600C-01 — **Residential Limited Applications Prescriptive Method C** — NORTH 1 2 3

Small Additions, Renovations & Building Systems

Compliance with Method C of Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600C-01 for additions of 600 square feet or less, site-installed components of manufactured homes, and renovations to single and multifamily residences. Alternative methods are provided for additions by use of Form 600B-01 or 600A-01.

PROJECT NAME AND ADDRESS:	Purvis 168 S.W. Persimmon Place Lake City FL 32024	**BUILDER:** Guthmiller & Associates, Inc.	
		PERMITTING OFFICE:	**CLIMATE ZONE:** 1 ☐ 2 ☐ 3 ☐
OWNER:	James Purvis	**PERMIT NO.:**	**JURISDICTION NO.:**

SMALL ADDITIONS TO EXISTING RESIDENCES (600 Square feet or less of conditioned area). Prescriptive requirements in Tables 6C-1, 6C-2 and 6C-3 apply only to the components of the addition, not to the existing building. Space heating, cooling, and water heating equipment efficiency levels must be met only when equipment is installed specifically to serve the addition or is being installed in conjunction with the addition construction. Components separating unconditioned spaces from conditioned spaces must meet the prescribed minimum insulation levels. RENOVATIONS (Residential buildings undergoing renovations costing more than 30% of the assessed value of the building). Prescriptive requirements in Tables 6C-1 and 6C-2 apply only to the components and equipment being renovated or replaced. MANUFACTURED HOMES AND BUILDINGS. Only site-installed components and features are covered by this form. BUILDING SYSTEMS Comply when complete new system is installed.

	Please Print	CK
1. Renovation, Addition, New System or Manufactured Home	1.	
2. Single family detached or Multifamily attached	2.	
3. If Multifamily—No. of units covered by this submission	3.	
4. Conditioned floor area (sq. ft.)	4.	
5. Predominant eave overhang (ft.)	5.	
6. Glass area and type:	Single Pane / Double Pane	
a. Clear glass	6a. _____ sq. ft. _____ sq. ft.	
b. Tint, film or solar screen	6b. _____ sq. ft. _____ sq. ft.	
7. Percentage of glass to floor area	7. _____ %	
8. Floor type and insulation:		
a. Slab-on-grade (R-value)	8a. R= _____ _____ lin. ft.	
b. Wood, raised (R-value)	8b. R= _____ _____ sq. ft.	
c. Wood, common (R-value)	8c. R= _____ _____ sq. ft.	
d. Concrete, raised (R-value)	8d. R= _____ _____ sq. ft.	
e. Concrete, common (R-value)	8e. R= _____ _____ sq. ft.	
9. Wall type and insulation:		
a. Exterior:		
1. Masonry (Insulation R-value)	9a-1 R= _____ _____ sq. ft.	
2. Wood frame (Insulation R-value)	9a-2 R= _____ _____ sq. ft.	
b. Adjacent:		
1. Masonry (Insulation R-value)	9b-1 R= _____ _____ sq. ft.	
2. Wood frame (Insulation R-value)	9b-2 R= _____ _____ sq. ft.	
c. Marriage Walls of Multiple Units* (Yes/No)	9c _____ _____	
10. Ceiling type and insulation:		
a. Under attic (Insulation R-value)	10a. R= _____ _____ sq. ft.	
b. Single assembly (Insulation R-value)	10b. R= _____ _____ sq. ft.	
11. Cooling system*		
(Types: central, room unit, package terminal A.C., gas, existing, none)	11. Type: _____	
	SEER/EER: _____	
12. Heating system*: (Types: heat pump, elec. strip, natural gas, L.P. gas, gas h.p., room or PTAC, existing, none)	12. Type: _____	
	HSPF/COP/AFUE: _____	
13. Air Distribution System*:		
a. Backflow damper or single package systems* (Yes/No)	13a. _____	
b. Ducts on marriage walls adequately sealed* (Yes/No)	13b. _____	
14. Hot water system:	14. Type: _____	
(Types: elec., natural gas, other, existing, none)	EF: _____	

No A/C

* Pertains to manufactured homes with site installed components.

I hereby certify that the plans and specifications covered by the calculation are in compliance with the Florida Energy Code.
PREPARED BY: J. M. Butler **DATE:** 7-6-04
I hereby certify that this building is in compliance with the Florida Energy Code.
OWNER AGENT: J. M. Butler **DATE:** 7-6-04

Review of plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, F.S.
BUILDING OFFICIAL: _____
DATE: _____

TABLE 6C-1 : PRESCRIPTIVE REQUIREMENTS FOR SMALL ADDITIONS (600 Sq. Ft. and Less), RENOVATIONS TO EXISTING BUILDINGS AND SITE-INSTALLED COMPONENTS OF MANUFACTURED HOMES.

	COMPONENT	MINIMUM INSULATION	INSULATION INSTALLED
WALLS	Concrete Block	R-7	
	Frame, 2' x 4'	R-11	
	Frame, 2' x 6'	R-19	
	Common, Frame	R-11	
	Common, Masonry	R-3	
CEILINGS	Under Attic	R-30	
	Single Assembly; Enclosed		
	Frame	R-19	
	Metal Pans	R-13	
	Single Assembly; Open	R-10	
	Common, Frame	R-11	
FLOORS	Slab-on-grade	No Minimum	
	Raised Wood	R-19	
	Raised Concrete	R-7	
	Common, Frame	R-11	
DUCT	In unconditioned space	R-6	
	In conditioned space	No minimum	

	EQUIPMENT	MINIMUM EFFICIENCY	INSTALLED EFFICIENCY
COOLING	Central A/C - Split	SEER = 10.0	SEER = ____
	-Single Pkg	SEER = 9.7	SEER = ____
	Room unit or PTAC	EER = 8.5*	EER = ____
SPACE HEATING	Electric Resistance	ANY	
	Heat pump - Split	HSPF = 6.8	HSPF = ____
	- Single Pkg	HSPF = 6.6	HSPF = ____
	Room unit or PTHP	COP = 2.7*	HSPF/ COP = ____
	Gas, natural or propane	AFUE = .78	AFUE = ____
	Fuel Oil	AFUE = .78	AFUE = ____
HOT WATER	Electric Resistance	EF = .88	EF = ____
	Gas; Natural or L.P.	EF = .54	EF = ____
	Fuel Oil	EF = .54	EF = ____

* See Table 6-3, 6-7

TABLE 6C-2: PRESCRIPTIVE REQUIREMENTS FOR GLASS AREAS IN ADDITIONS ONLY

Maximum percentage glass to floor area allowed is selected by type, overhang length, and solar heat gain coefficient. Maximum% = ____ Installed % = ____

GLASS TYPE, OVERHANG, AND SOLAR HEAT GAIN COEFFICIENT REQUIRED FOR GLASS PERCENTAGE ALLOWED

UP TO 20%		UP TO 30%		UP TO 40%		UP TO 50%	
Single	Double	Single	Double	Single	Double	Single	Double
OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC
1'- .87 0'- .75	0'- .78	2'- .87 1'- .75 0'- .57	1'- .78 0'- .61	NOT ALLOWED	2'- .78 1'- .61 0'- .44	NOT ALLOWED	3'- .78 2'- .61 1'- .44 0'- .35

Get certified SHGC from the manufacturer or use defaults: Single clear SHGC = .87, double clear SHGC = .78, and single tint SHGC = .75

TABLE 6C-3 MINIMUM REQUIREMENTS FOR ALL PACKAGES

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	606.1	To be caulked, gasketed, weather-stripped or otherwise sealed.	
Exterior Windows & Doors	606.1	Max. 0.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Sole & Top Plates	606.1	Sole plates and penetrations through top plates of exterior walls must be sealed.	
Recessed Lighting	606.1	Type IC rated with no penetrations (two alternatives allowed).	
Multi-story Houses	606.1	Air barrier on perimeter of floor cavity between floors.	
Exhaust Fans	606.1	Exhaust fans vented to unconditioned space shall have dampers, except for combustion devices with integral exhaust ductwork.	
Combustion Heating	606.1	Combustion space and water heating systems must be provided with outside combustion air, except for direct vent appliances.	
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have minimum thermal efficiency of 78%.	
Hot Water Pipes	612.1	Insulation is required for hot water circulating systems (including heat recovery units).	
Shower Heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
HVAC Duct Construction, Insulation & Installation	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section 610.1. Ducts in attics must be insulated to a minimum of R-6.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	

GENERAL DIRECTIONS:

1. On Table 6C-1 indicate the R-value of the insulation being added to each component and the efficiency levels of the equipment being installed. All R-values and efficiencies installed must meet or exceed the minimum values listed. Components and equipment neither being added nor renovated may be left blank.
2. ADDITIONS ONLY. Determine the percentage of new glass to conditioned floor area in the addition as follows. Total the areas of all glass windows, sliding glass doors and glass door panels. Double the area of all non-vertical roof glass and add it to the previous total. When glass in existing exterior walls is being removed or enclosed by the addition, an amount equal to the total area of this glass may be subtracted from the total glass area. Divide the adjusted glass area total by the conditioned floor area of the addition. Multiply by 100 to get the percent. Find the largest glass percentage under which your calculated percentage falls on Table 6C-2. Prescriptives are given by the type of glass (Single or Double pane) and the overhang (OH) paired with a solar heat gain coefficient (SHGC). For a given glass type and overhang, the minimum solar heat gain coefficient allowed is specified. Actual glass windows and doors previously in the exterior walls of the house and being reinstalled in the addition do not have to comply with the overhang and solar heat gain coefficient requirements on Table 6C-2. All new glass in the addition must meet the requirement for one of the options in the glass percentage category you indicated. The overhang (OH) distance is measured perpendicularly from the face of the glass to a point directly under the outermost edge of the overhang.
3. RENOVATIONS ONLY. Replacement glass needs to meet the following requirements. Any glass type and solar heat gain coefficient may be used for glass areas which are under at least a two foot overhang and whose lowest edge does not extend further than 8 feet from the overhang. Glass areas being renovated that do not meet this criteria must be either single-pane tinted, double-pane clear or double-pane tinted.
4. BUILDING SYSTEMS. Comply when new system is installed for system installed.
5. Complete the information requested on the top half of page 1.
6. Read "Minimum Requirements for Small Additions and Renovations", Table 6C-3, and check all applicable items.
7. Read, sign and date the "Owner/Agent" certification statement on page 1.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

FORM 600C-01 Residential Limited Applications Prescriptive Method C NORTH 1 2 3

Small Additions, Renovations & Building Systems

Compliance with Method C of Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600C-01 for additions of 600 square feet or less, site-installed components of manufactured homes, and renovations to single and multifamily residences. Alternative methods are provided for additions by use of Form 600B-01 or 600A-01.

PROJECT NAME AND ADDRESS:	Purvis 168 S.W. Persimmon Place Lake City FL. 32024	**BUILDER:** Guthmiller & Associates, Inc.	
		PERMITTING OFFICE:	**CLIMATE ZONE:** 1 ☐ 2 ☐ 3 ☐
OWNER:	James Purvis	**PERMIT NO.:** ☐☐☐☐☐☐☐☐	**JURISDICTION NO.:** ☐☐☐☐☐☐☐

SMALL ADDITIONS TO EXISTING RESIDENCES (600 Square feet or less of conditioned area). Prescriptive requirements in Tables 6C-1, 6C-2 and 6C-3 apply only to the components of the addition, not to the existing building. Space heating, cooling, and water heating equipment efficiency levels must be met only when equipment is installed specifically to serve the addition or is being installed in conjunction with the addition construction. Components separating unconditioned spaces from conditioned spaces must meet the prescribed minimum insulation levels. RENOVATIONS (Residential buildings undergoing renovations costing more than 30% of the assessed value of the building). Prescriptive requirements in Tables 6C-1 and 6C-2 apply only to the components and equipment being renovated or replaced. MANUFACTURED HOMES AND BUILDINGS. Only site-installed components and features are covered by this form. BUILDING SYSTEMS Comply when complete new system is installed.

	Please Print	CK
1. Renovation, Addition, New System or Manufactured Home	1. _____	_____
2. Single family detached or Multifamily attached	2. _____	_____
3. If Multifamily—No. of units covered by this submission	3. _____	_____
4. Conditioned floor area (sq. ft.)	4. _____	_____
5. Predominant eave overhang (ft.)	5. _____	_____
6. Glass area and type:	Single Pane / Double Pane	
a. Clear glass	6a. _____ sq. ft. / _____ sq. ft.	_____
b. Tint, film or solar screen	6b. _____ sq. ft. / _____ sq. ft.	_____
7. Percentage of glass to floor area	7. _____ %	_____
8. Floor type and insulation:		
a. Slab-on-grade (R-value)	8a. R= _____ _____ lin. ft.	_____
b. Wood, raised (R-value)	8b. R= _____ _____ sq. ft.	_____
c. Wood, common (R-value)	8c. R= _____ _____ sq. ft.	_____
d. Concrete, raised (R-value)	8d. R= _____ _____ sq. ft.	_____
e. Concrete, common (R-value)	8e. R= _____ _____ sq. ft.	_____
9. Wall type and insulation:		
a. Exterior:		
1. Masonry (Insulation R-value)	9a-1 R= _____ _____ sq. ft.	_____
2. Wood frame (Insulation R-value)	9a-2 R= _____ _____ sq. ft.	_____
b. Adjacent:		
1. Masonry (Insulation R-value)	9b-1 R= _____ _____ sq. ft.	_____
2. Wood frame (Insulation R-value)	9b-2 R= _____ _____ sq. ft.	_____
c. Marriage Walls of Multiple Units* (Yes/No)	9c _____ _____	
10. Ceiling type and insulation:		
a. Under attic (Insulation R-value)	10a. R= _____ _____ sq. ft.	_____
b. Single assembly (Insulation R-value)	10b. R= _____ _____ sq. ft.	_____
11. Cooling system* (Types: central, room unit, package terminal A.C., gas, existing, none)	11. Type: _____ SEER/EER: _____	_____ _____
12. Heating system*: (Types: heat pump, elec. strip, natural gas, L.P. gas, gas h.p., room or PTAC, existing, none)	12. Type: _____ HSPF/COP/AFUE: _____	_____ _____
13. Air Distribution System*:		
a. Backflow damper or single package systems* (Yes/No)	13a. _____	_____
b. Ducts on marriage walls adequately sealed* (Yes/No)	13b. _____	_____
14. Hot water system: (Types: elec., natural gas, other, existing, none)	14. Type: _____ EF: _____	_____ _____

No A/C

* Pertains to manufactured homes with site installed components.

I hereby certify that the plans and specifications covered by the calculation are in compliance with the Florida Energy Code.
PREPARED BY: J. M. Butler DATE: 7-6-04
I hereby certify that this building is in compliance with the Florida Energy Code.
OWNER AGENT: J. M. Butler DATE: 7-6-04

Review of plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, F.S.
BUILDING OFFICIAL: _____
DATE: _____

TABLE 6C-1: PRESCRIPTIVE REQUIREMENTS FOR SMALL ADDITIONS (600 Sq. Ft. and Less), RENOVATIONS TO EXISTING BUILDINGS AND SITE-INSTALLED COMPONENTS OF MANUFACTURED HOMES.

	COMPONENT	MINIMUM INSULATION	INSULATION INSTALLED
WALLS	Concrete Block	R-7	
	Frame, 2" x 4"	R-11	
	Frame, 2" x 6"	R-19	
	Common, Frame	R-11	
	Common, Masonry	R-3	
CEILINGS	Under Attic	R-30	
	Single Assembly; Enclosed		
	Frame	R-19	
	Metal Pans	R-13	
	Single Assembly; Open	R-10	
	Common, Frame	R-11	
FLOORS	Slab-on-grade	No Minimum	
	Raised Wood	R-19	
	Raised Concrete	R-7	
	Common, Frame	R-11	
DUCT	In unconditioned space	R-6	
	In conditioned space	No minimum	

	EQUIPMENT	MINIMUM EFFICIENCY	INSTALLED EFFICIENCY
COOLING	Central A/C - Split	SEER = 10.0	SEER = ____
	- Single Pkg	SEER = 9.7	SEER = ____
	Room unit or PTAC	EER = 8.5*	EER = ____
SPACE HEATING	Electric Resistance	ANY	
	Heat pump - Split	HSPF = 6.8	HSPF = ____
	- Single Pkg	HSPF = 6.6	HSPF = ____
	Room unit or PTHP	COP = 2.7*	HSPF/ COP = ____
	Gas, natural or propane	AFUE = .78	AFUE = ____
	Fuel Oil	AFUE = .78	AFUE = ____
HOT WATER	Electric Resistance	EF = .88	EF = ____
	Gas; Natural or L.P.	EF = .54	EF = ____
	Fuel Oil	EF = .54	EF = ____

* See Table 6-3, 6-7

TABLE 6C-2: PRESCRIPTIVE REQUIREMENTS FOR GLASS AREAS IN ADDITIONS ONLY

Maximum percentage glass to floor area allowed is selected by type, overhang length, and solar heat gain coefficient. Maximum% = ____ Installed % = ____

GLASS TYPE, OVERHANG, AND SOLAR HEAT GAIN COEFFICIENT REQUIRED FOR GLASS PERCENTAGE ALLOWED

UP TO 20%		UP TO 30%		UP TO 40%		UP TO 50%	
Single	Double	Single	Double	Single	Double	Single	Double
OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC
1'- .87 0'- .75	0'- .78	2'- .87 1'- .75 0'- .57	1'- .78 0'- .61	NOT ALLOWED	2'- .78 1'- .61 0'- .44	NOT ALLOWED	3'- .78 2'- .61 1'- .44 0'- .35

Get certified SHGC from the manufacturer or use defaults: Single clear SHGC = .87, double clear SHGC = .78, and single tint SHGC = .75

TABLE 6C-3 MINIMUM REQUIREMENTS FOR ALL PACKAGES

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	606.1	To be caulked, gasketed, weather-stripped or otherwise sealed.	
Exterior Windows & Doors	606.1	Max. 0.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Sole & Top Plates	606.1	Sole plates and penetrations through top plates of exterior walls must be sealed.	
Recessed Lighting	606.1	Type IC rated with no penetrations (two alternatives allowed).	
Multi-story Houses	606.1	Air barrier on perimeter of floor cavity between floors.	
Exhaust Fans	606.1	Exhaust fans vented to unconditioned space shall have dampers, except for combustion devices with integral exhaust ductwork.	
Combustion Heating	606.1	Combustion space and water heating systems must be provided with outside combustion air, except for direct vent appliances.	
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have minimum thermal efficiency of 78%.	
Hot Water Pipes	612.1	Insulation is required for hot water circulating systems (including heat recovery units).	
Shower Heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
HVAC Duct Construction, Insulation & Installation	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section 610.1. Ducts in attics must be insulated to a minimum of R-6.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	

GENERAL DIRECTIONS:

1. On Table 6C-1 indicate the R-value of the insulation being added to each component and the efficiency levels of the equipment being installed. All R-values and efficiencies installed must meet or exceed the minimum values listed. Components and equipment neither being added nor renovated may be left blank.
2. ADDITIONS ONLY. Determine the percentage of new glass to conditioned floor area in the addition as follows. Total the areas of all glass windows, sliding glass doors and glass door panels. Double the area of all non-vertical roof glass and add it to the previous total. When glass in existing exterior walls is being removed or enclosed by the addition, an amount equal to the total area of this glass may be subtracted from the total glass area. Divide the adjusted glass area total by the conditioned floor area of the addition. Multiply by 100 to get the percent. Find the largest glass percentage under which your calculated percentage falls on Table 6C-2. Prescriptives are given by the type of glass (Single or Double pane) and the overhang (OH) paired with a solar heat gain coefficient (SHGC). For a given glass type and overhang, the minimum solar heat gain coefficient allowed is specified. Actual glass windows and doors previously in the exterior walls of the house and being reinstalled in the addition do not have to comply with the overhang and solar heat gain coefficient requirements on Table 6C-2. All new glass in the addition must meet the requirement for one of the options in the glass percentage category you indicated. The overhang (OH) distance is measured perpendicularly from the face of the glass to a point directly under the outermost edge of the overhang.
3. RENOVATIONS ONLY. Replacement glass needs to meet the following requirements. Any glass type and solar heat gain coefficient may be used for glass areas which are under at least a two foot overhang and whose lowest edge does not extend further than 8 feet from the overhang. Glass areas being renovated that do not meet this criteria must be either single-pane tinted, double-pane clear or double-pane tinted.
4. BUILDING SYSTEMS. Comply when new system is installed for system installed.
5. Complete the information requested on the top half of page 1.
6. Read "Minimum Requirements for Small Additions and Renovations", Table 6C-3, and check all applicable items.
7. Read, sign and date the "Owner/Agent" certification statement on page 1.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

FORM 600C-01 Residential Limited Applications Prescriptive Method C NORTH 1 2 3

Small Additions, Renovations & Building Systems

Compliance with Method C of Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600C-01 for additions of 600 square feet or less, site-installed components of manufactured homes, and renovations to single and multifamily residences. Alternative methods are provided for additions by use of Form 600B-01 or 600A-01.

PROJECT NAME AND ADDRESS:	Purvis 168 S.W. Persimmon Place Lake City FL 32024	**BUILDER:** Guthmiller & Associates, Inc.	
		PERMITTING OFFICE:	**CLIMATE ZONE:** 1 ☐ 2 ☐ 3 ☐
OWNER:	James Purvis	**PERMIT NO.:** ☐☐☐☐☐☐☐☐	**JURISDICTION NO.:** ☐☐☐☐☐☐☐☐

SMALL ADDITIONS TO EXISTING RESIDENCES (600 Square feet or less of conditioned area). Prescriptive requirements in Tables 6C-1, 6C-2 and 6C-3 apply only to the components of the addition, not to the existing building. Space heating, cooling, and water heating equipment efficiency levels must be met only when equipment is installed specifically to serve the addition or is being installed in conjunction with the addition construction. Components separating unconditioned spaces from conditioned spaces must meet the prescribed minimum insulation levels. RENOVATIONS (Residential buildings undergoing renovations costing more than 30% of the assessed value of the building). Prescriptive requirements in Tables 6C-1 and 6C-2 apply only to the components and equipment being renovated or replaced. MANUFACTURED HOMES AND BUILDINGS. Only site-installed components and features are covered by this form. BUILDING SYSTEMS Comply when complete new system is installed.

	Please Print	CK
1. Renovation, Addition, New System or Manufactured Home	1. _____	
2. Single family detached or Multifamily attached	2. _____	
3. If Multifamily—No. of units covered by this submission	3. _____	
4. Conditioned floor area (sq. ft.)	4. _____	
5. Predominant eave overhang (ft.)	5. _____	
6. Glass area and type:	Single Pane / Double Pane	
a. Clear glass	6a. _____ sq. ft. / _____ sq. ft.	
b. Tint, film or solar screen	6b. _____ sq. ft. / _____ sq. ft.	
7. Percentage of glass to floor area	7. _____ %	
8. Floor type and insulation:		
a. Slab-on-grade (R-value)	8a. R= _____ _____ lin. ft.	
b. Wood, raised (R-value)	8b. R= _____ _____ sq. ft.	
c. Wood, common (R-value)	8c. R= _____ _____ sq. ft.	
d. Concrete, raised (R-value)	8d. R= _____ _____ sq. ft.	
e. Concrete, common (R-value)	8e. R= _____ _____ sq. ft.	
9. Wall type and insulation:		
a. Exterior:		
1. Masonry (Insulation R-value)	9a-1 R= _____ _____ sq. ft.	
2. Wood frame (Insulation R-value)	9a-2 R= _____ _____ sq. ft.	
b. Adjacent:		
1. Masonry (Insulation R-value)	9b-1 R= _____ _____ sq. ft.	
2. Wood frame (Insulation R-value)	9b-2 R= _____ _____ sq. ft.	
c. Marriage Walls of Multiple Units* (Yes/No)	9c _____ _____	
10. Ceiling type and insulation:		
a. Under attic (Insulation R-value)	10a. R= _____ _____ sq. ft.	
b. Single assembly (Insulation R-value)	10b. R= _____ _____ sq. ft.	
11. Cooling system*		
(Types: central, room unit, package terminal A.C., gas, existing, none)	11. Type: _____	
	SEER/EER: _____	
12. Heating system*: (Types: heat pump, elec. strip, natural gas, L.P. gas, gas h.p., room or PTAC, existing, none)	12. Type: _____	
	HSPF/COP/AFUE: _____	
13. Air Distribution System*:		
a. Backflow damper or single package systems* (Yes/No)	13a. _____	
b. Ducts on marriage walls adequately sealed* (Yes/No)	13b. _____	
14. Hot water system:	14. Type: _____	
(Types: elec., natural gas, other, existing, none)	EF: _____	

No A/C

* Pertains to manufactured homes with site installed components.

I hereby certify that the plans and specifications covered by the calculation are in compliance with the Florida Energy Code.

PREPARED BY: J. M. Butler **DATE:** 7-6-04

I hereby certify that this building is in compliance with the Florida Energy Code.

OWNER AGENT: J. M. Butler **DATE:** 7-6-04

Review of plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, F.S.

BUILDING OFFICIAL: _____

DATE: _____

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HOT WATER	Electric Resistance	EF = .88	EF = ____
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* See Table 6-3, 6-7

TABLE 6C-2: PRESCRIPTIVE REQUIREMENTS FOR GLASS AREAS IN ADDITIONS ONLY

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Single	Double	Single	Double	Single	Double	Single	Double
OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC	OH - SHGC
1'- .87 0'- .75	0'- .78	2'- .87 1'- .75 0'- .57	1'- .78 0'- .61	NOT ALLOWED	2'- .78 1'- .61 0'- .44	NOT ALLOWED	3'- .78 2'- .61 1'- .44 0'- .35

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HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	

GENERAL DIRECTIONS:

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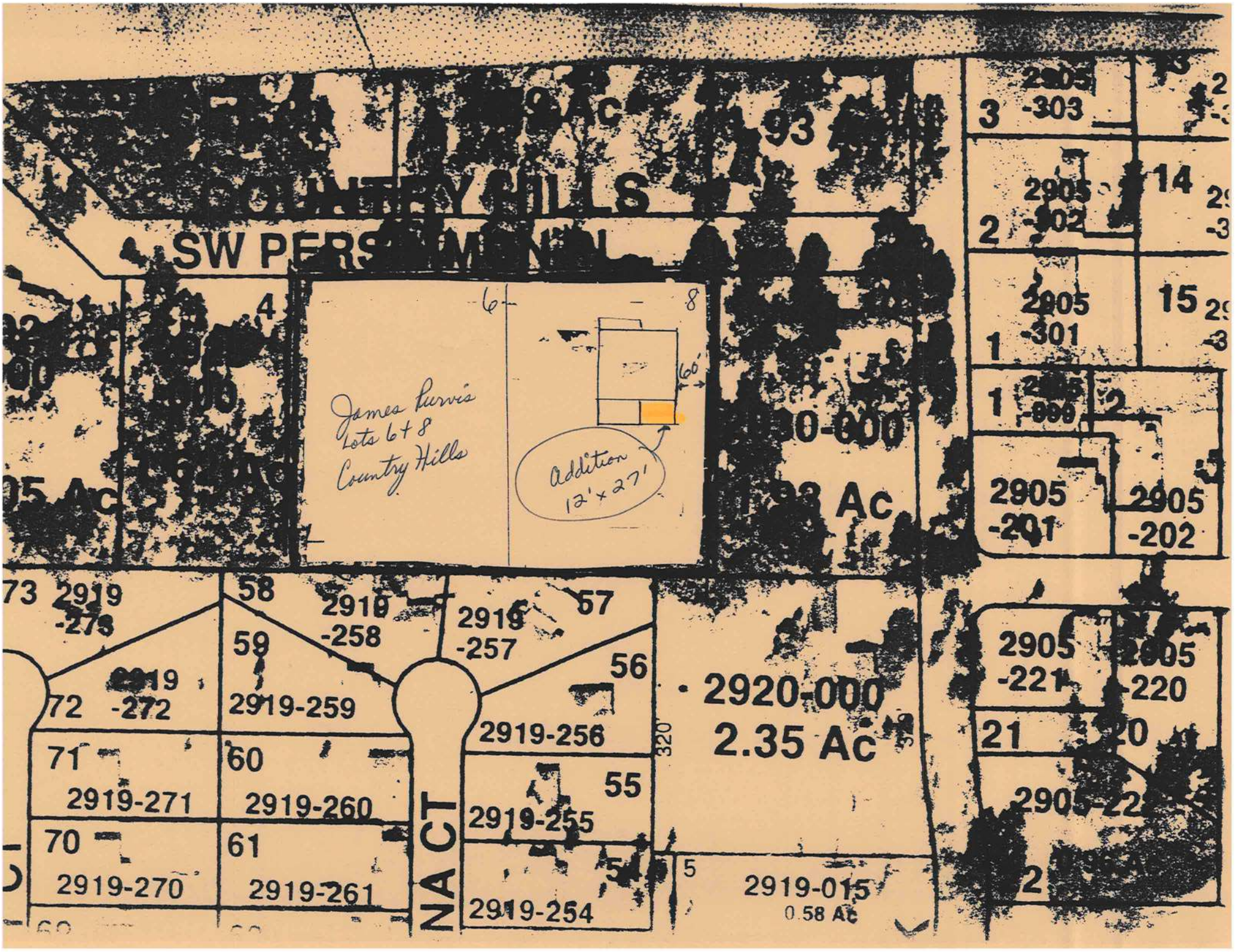
5. Complete the information requested on the top half of page 1.
6. Read "Minimum Requirements for Small Additions and Renovations", Table 6C-3, and check all applicable items.
7. Read, sign and date the "Owner/Agent" certification statement on page 1.


COUNTRY HILLS
SW PERSIMMON
James Purvis
Lots 6 + 8
Country Hills
Addition
12' x 27'
60'
6
8
4
93
3
2905
-303
2905
-302
14
2
2905
-301
15
1
2905
-201
2905
-202
2920-000
2.35 Ac
320'
2919
-272
2919-259
2919
-258
2919
-257
2919-256
2919-255
2919-254
2919-271
2919-270
2919-261
2919-260
2919-015
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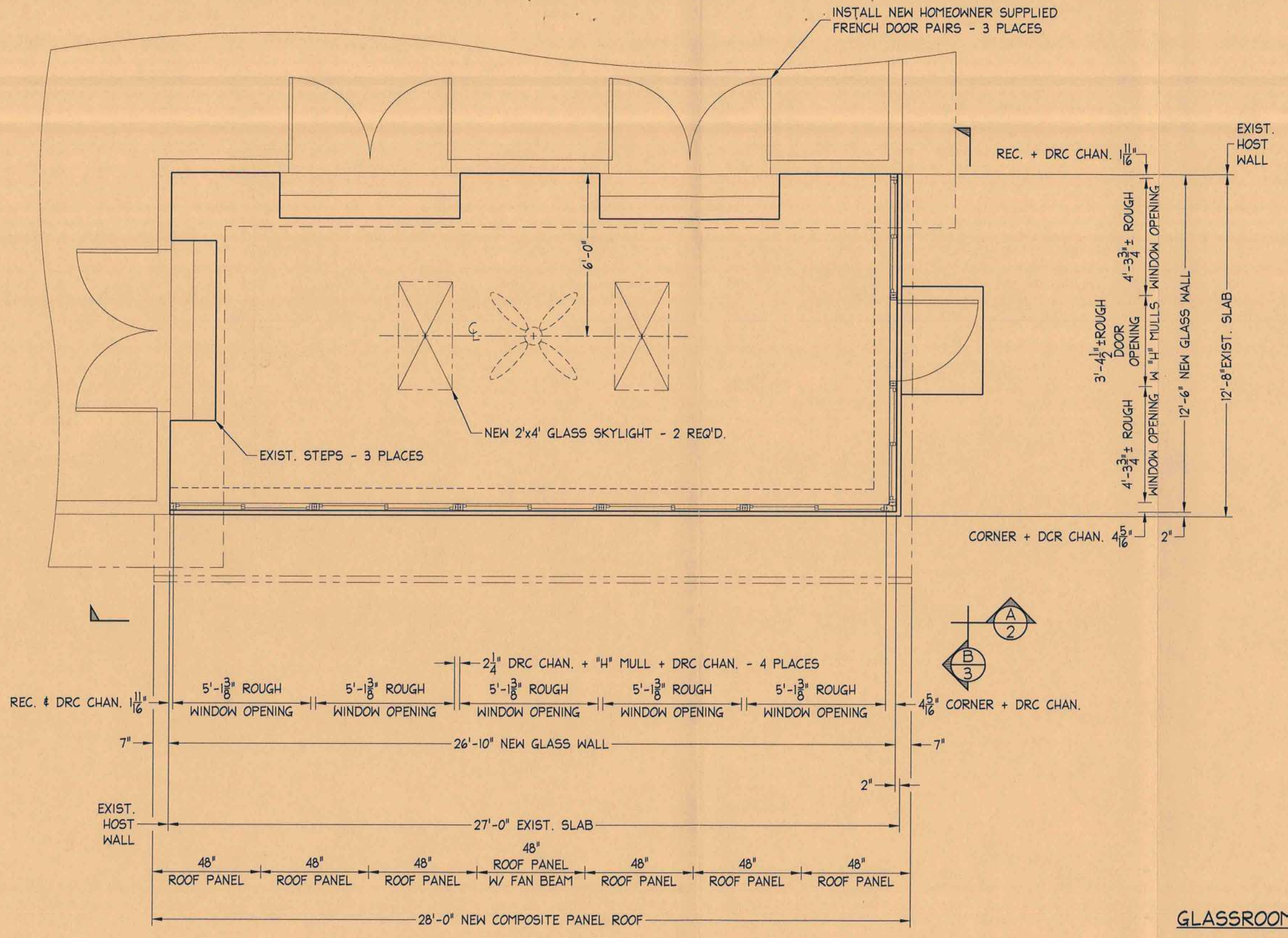


OVERALL GLASSROOM PLAN

GLASSROOM DESIGN CRITERIA

JAMES & ANNETTE PURVIS RESIDENCE
168 S.W. PERSIMMON PLACE
LAKE CITY, FL 32024
COLUMBIA COUNTY

WIND ZONE: 110MPH
EXPOSURE: B

SEE ELITE DRAWINGS FOR
ALL STRUCTURAL DETAILS AND NOTES

7/2/09

REVISION	DATE	BY	CKD
INITIAL LAYOUT, REVIEW, AND ISSUE FOR PERMIT	06-30-04	H. L.	.

SCALE: 1/4" = 1'-0"
DATE: 06-30-04
DRAWN BY: H. LEVERITT
APPROVED BY: .

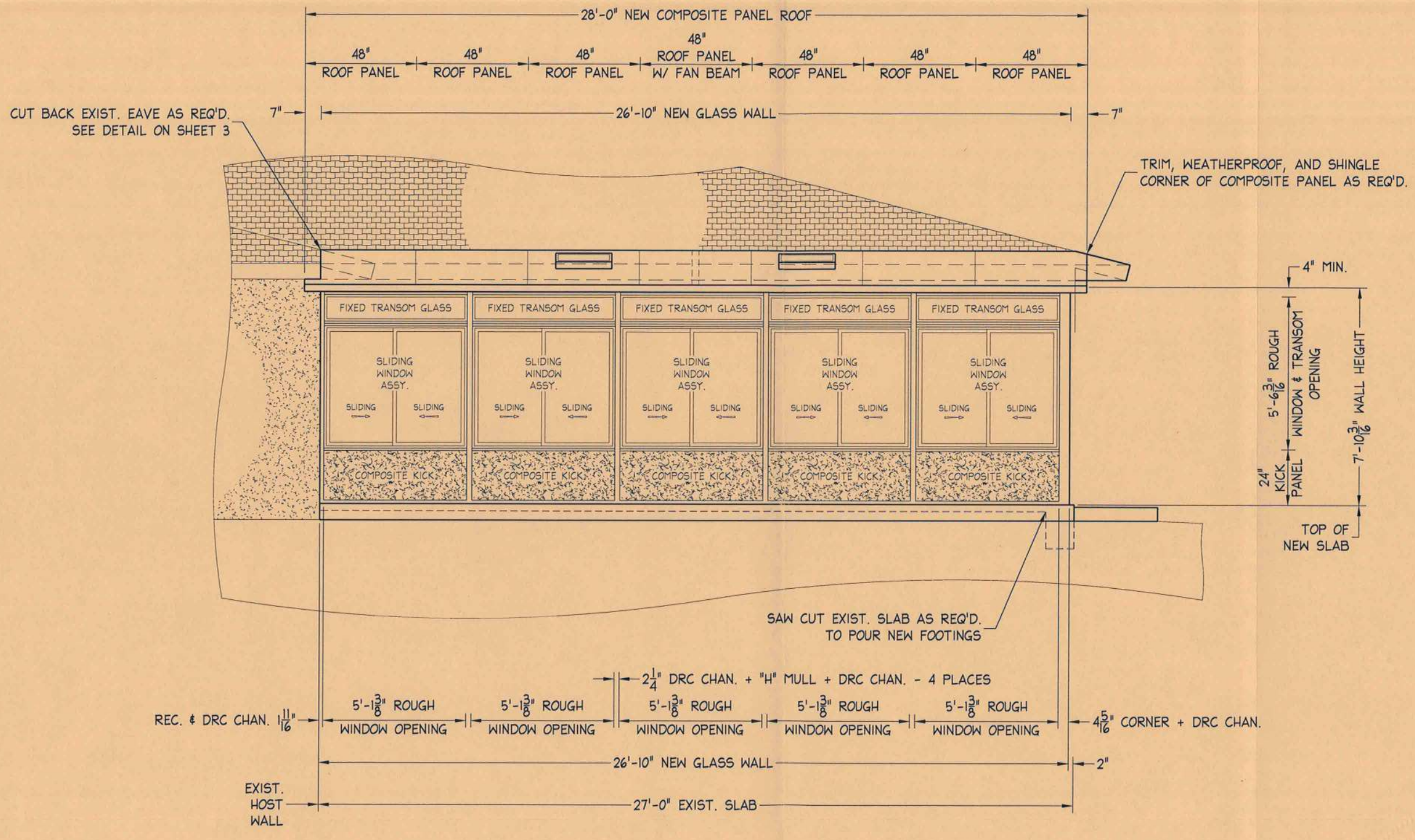
4042 HARTLEY ROAD
JACKSONVILLE, FLORIDA 32257
TELEPHONE 904-732-7263
CGCA 61841

Guthmiller and Associates Inc.
ENGINEERING & DESIGN & CONSTRUCTION

PURVIS
COMPOSITE ROOF
GLASSROOM
OVERALL PLAN

SHEET
P01
1 OF 6

DWG NO.: 2004-099-001.dwg



ELEVATION VIEW (A/2)

7/2/04

REVISION	DATE	BY	CKD
INITIAL LAYOUT, REVIEW, AND ISSUE FOR PERMIT	06-30-04	H. L.	

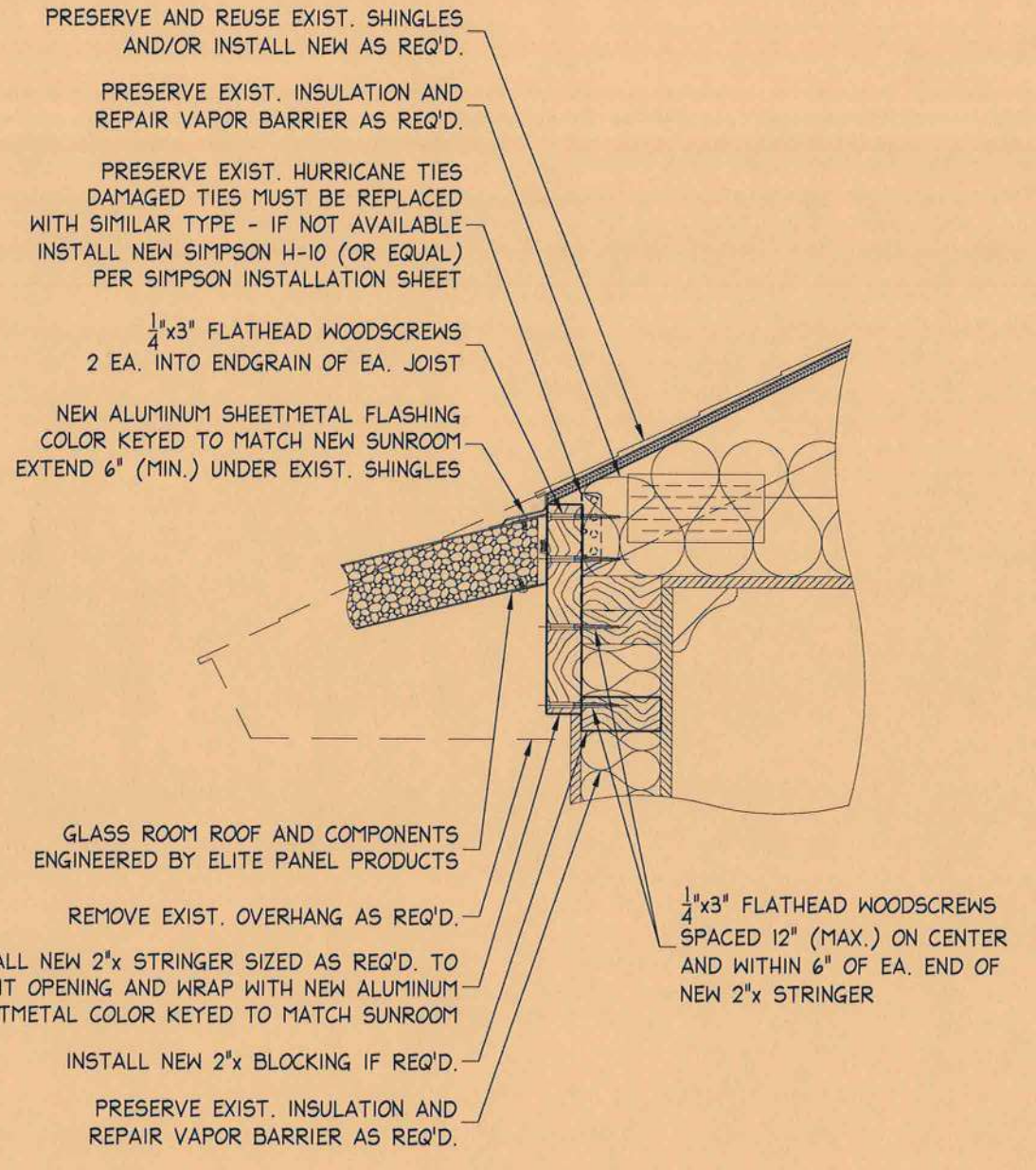
SCALE: 1/4" = 1'-0"
DATE: 06-30-04
DRAWN BY: H. LEVERITT
APPROVED BY:

Guthmiller and Associates Inc.
ENGINEERING & DESIGN & CONSTRUCTION
4042 HARTLEY ROAD
JACKSONVILLE, FLORIDA 32257
TELEPHONE 904-732-7263
CGCA 61841

PURVIS COMPOSITE ROOF GLASSROOM LOAD WALL ELEVATION

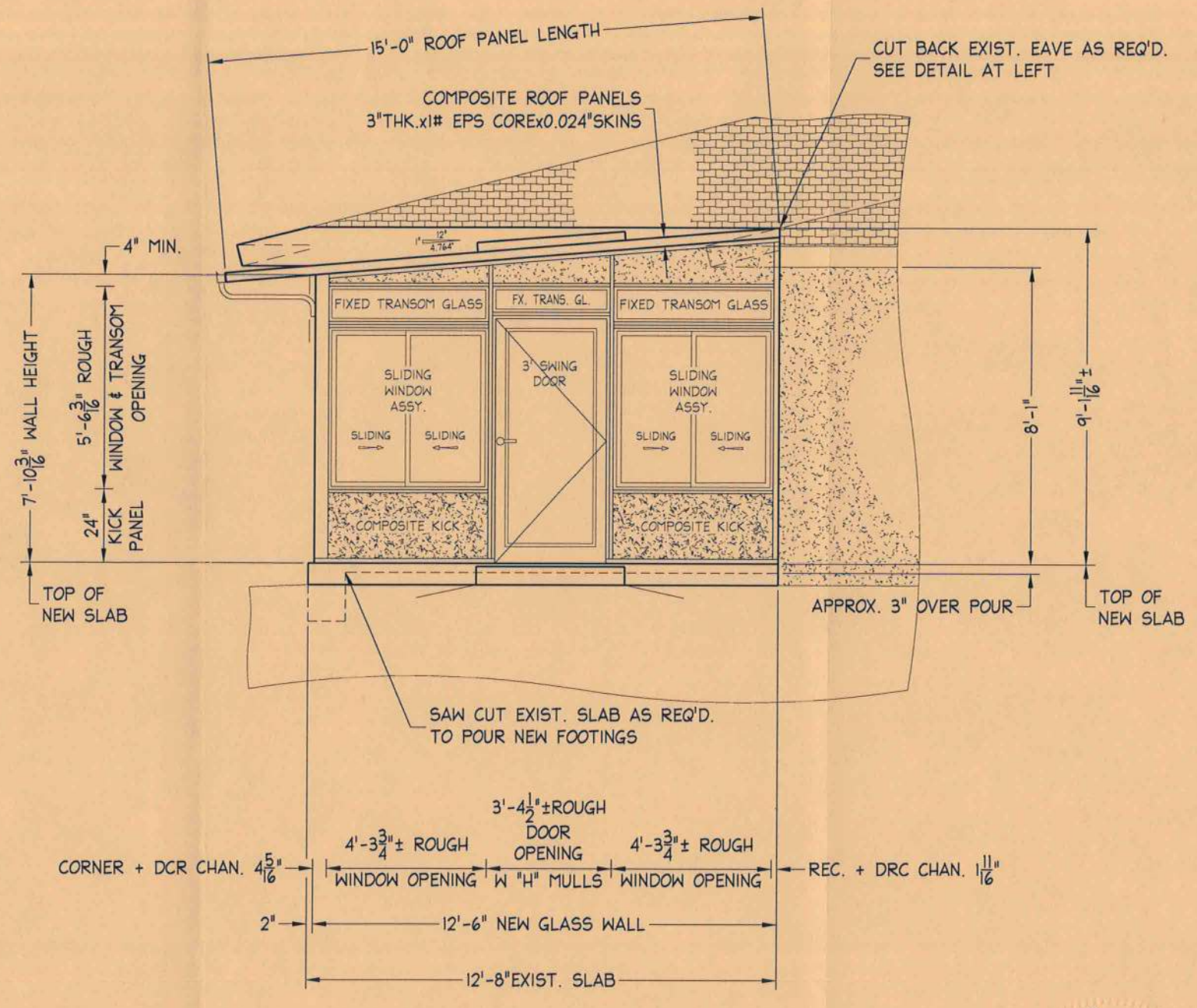
SHEET P02
2 OF 6

DWG NO.: 2004-099-001.dwg



CUT BACK EAVE DETAIL

(NOT TO SCALE)



ELEVATION VIEW B/3

REVISION	DATE	BY	CKD
INITIAL LAYOUT, REVIEW, AND ISSUE FOR PERMIT	06-30-04	H. L.	.
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SCALE: 1/4" = 1'-0"
DATE: 06-30-04
DRAWN BY: H. LEVERITT
APPROVED BY: .

4042 HARTLEY ROAD
JACKSONVILLE, FLORIDA 32257
TELEPHONE 904-732-7263
CGCA 61841

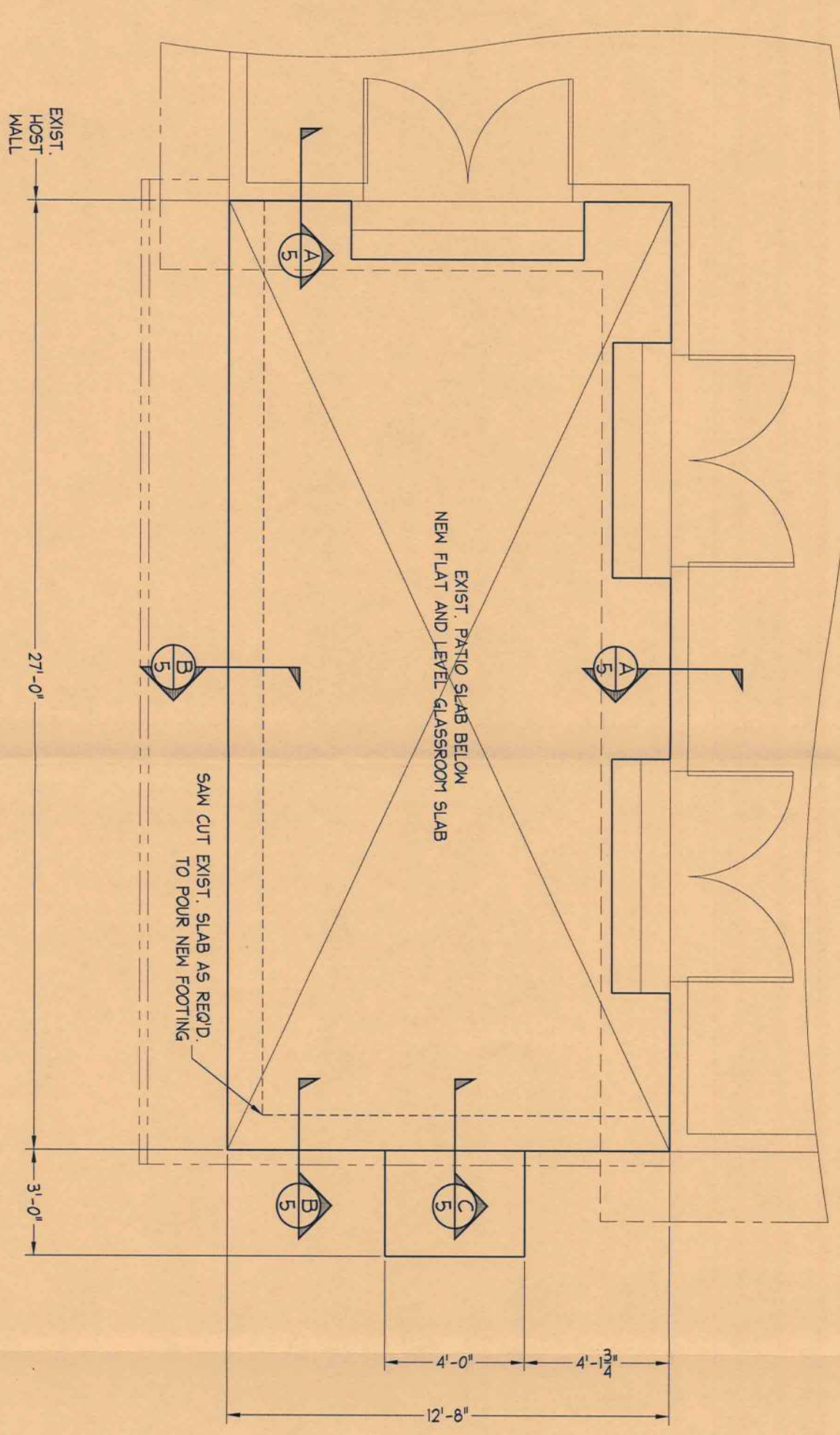
Guthmiller and Associates Inc.
ENGINEERING & DESIGN & CONSTRUCTION

PURVIS COMPOSITE ROOF GLASSROOM SIDE WALL ELEVATIONS

SHEET P03 3 OF 6

DWG NO.: 2004-099-001.dwg

7/2/04



CONCRETE PLAN

2004-099-001.dwg	DWG NO.: P04	SHEET 4 OF 6	PURVIS COMPOSITE ROOF GLASSROOM CONCRETE PLAN	Guthmiller and Associates Inc. ENGINEERING & DESIGN & CONSTRUCTION	4042 HARTLEY ROAD JACKSONVILLE, FLORIDA 32257 TELEPHONE 904-732-7263 CGCA 61841	SCALE: ¼" = 1'-0"
						DATE: 06-30-04
						DRAWN BY: H. LEVERITT
						APPROVED BY: .

REVISION	DATE	BY	CKD
INITIAL LAYOUT, REVIEW, AND ISSUE FOR PERMIT	06-30-04	H. L.	.
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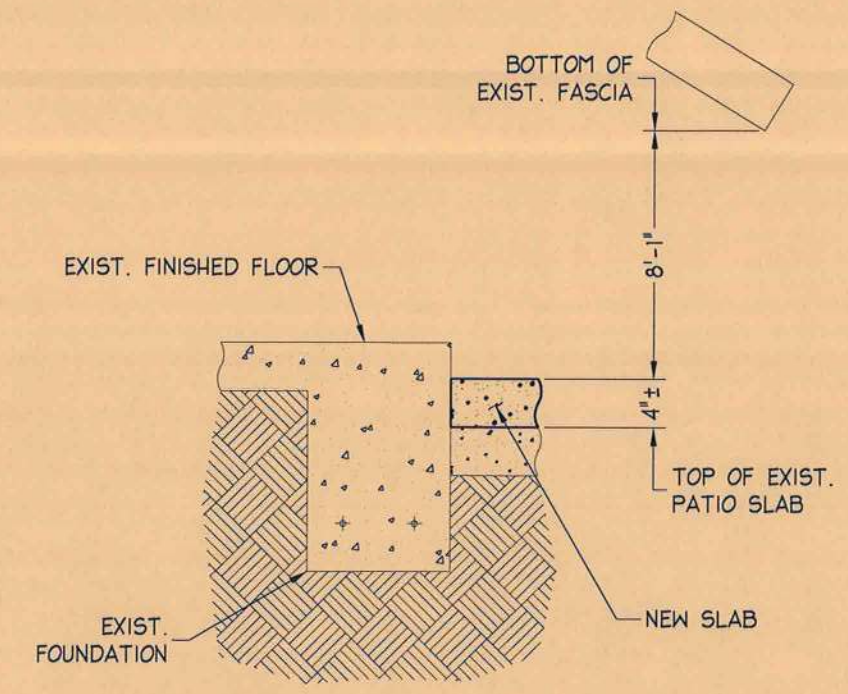
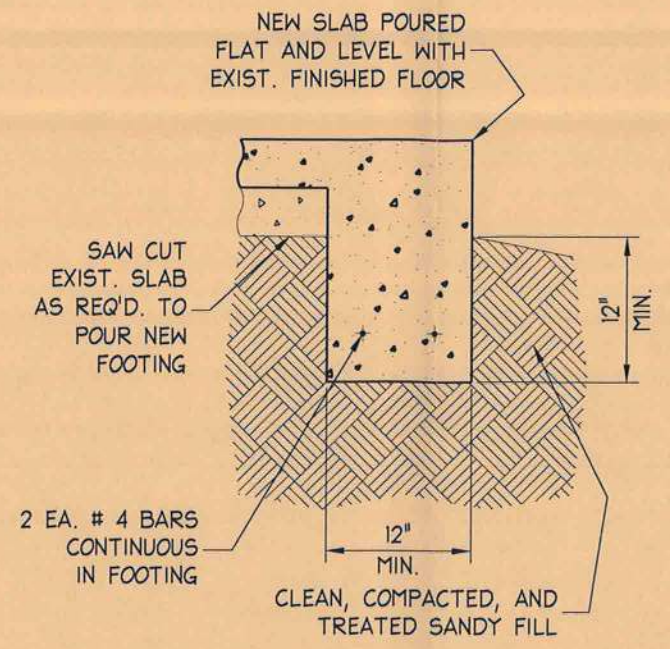
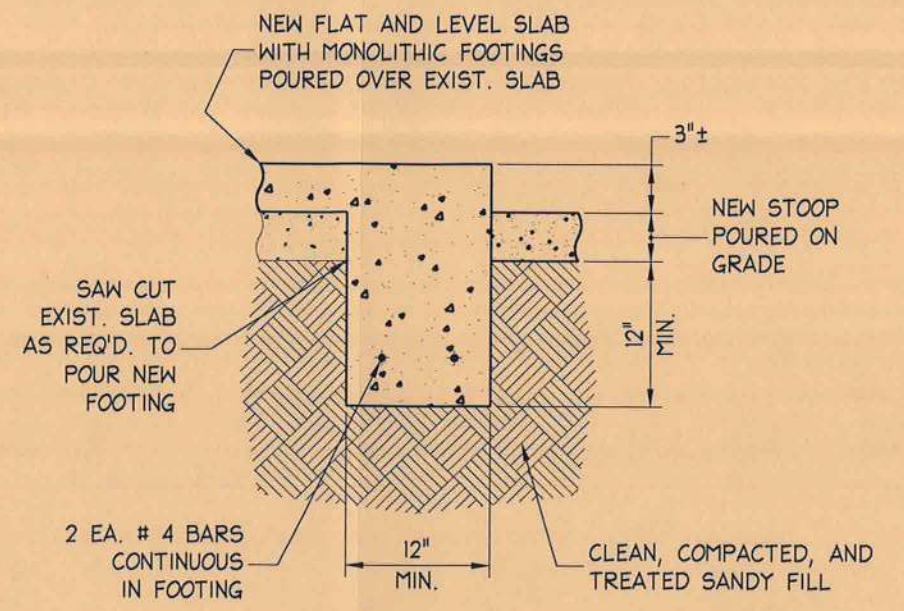


ELEVATION VIEW A/5



ELEVATION VIEW B/5



ELEVATION VIEW C/5

CONCRETE NOTES

(1). COMPRESSIVE STRENGTH FOR CONCRETE FOOTINGS AND SLABS SHALL BE 2,500 POUNDS PER SQUARE INCH MINIMUM AFTER CURING, UNLESS NOTED OTHERWISE.

(2). ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60, UNLESS NOTED OTHERWISE.

(3). ALL SLABS SHALL BE REINFORCED WITH EITHER 6x6x10x10 WELDED WIRE FABRIC OR FIBER MESH, UNLESS NOTED OTHERWISE. FIBER MESH CONCRETE DOES NOT REQUIRE WIRE MESH.

(4). ALL SLABS SHALL BE POURED OVER A 6 MIL. (MIN.) POLYETHYLENE VAPOR BARRIER, UNLESS NOTED OTHERWISE. ALL JOINTS SHALL BE OVERLAPPED 6" (MIN.). JOINTS AND PENETRATIONS SHALL BE PROPERLY SEALED AS REQ'D. TO MAINTAIN BARRIER INTEGRITY.

(5). BEARING SOIL IS ASSUMED TO HAVE A VALUE OF 1,500 POUNDS PER SQUARE FOOT. IF SOIL OF THAT VALUE CANNOT OBTAINED, NOTIFY PROJECT MANAGER BEFORE PROCEEDING.

(6). ALL CONCRETE CONSTRUCTION SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE CODE NUMBER 318-89, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".

(7). MASONRY STEMWALLS MAY BE USED IN LIEU OF MONOLITHIC FOOTINGS, UNLESS NOTED OTHERWISE.

(8). FOUNDATION ANCHORS (MUDSILL ANCHOR, ANCHOR BOLT, DRILLED ANCHOR, ETC.) MUST NOT EXCEED 48" CENTER SPACING AND MUST BE PLACED WITHIN 12" OF ALL EXTERIOR CORNERS AND LOAD BEARING WALL ENDS, UNLESS NOTED OTHERWISE.

(9). SOIL BELOW SLAB SHALL BE TREATED FOR TERMITE PROTECTION AS OUTLINED IN FBC SECTION 1816.

REVISION	DATE	BY	CKD
INITIAL LAYOUT, REVIEW, AND ISSUE FOR PERMIT	06-30-04	H. L.	

SCALE: 1/4" = 1'-0"
DATE: 06-30-04
DRAWN BY: H. LEVERITT
APPROVED BY:

4042 HARTLEY ROAD
JACKSONVILLE, FLORIDA 32257
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Guthmiller and Associates Inc.
ENGINEERING & DESIGN CONSTRUCTION

PURVIS COMPOSITE ROOF GLASSROOM CONCRETE DETAILS

SHEET
P05
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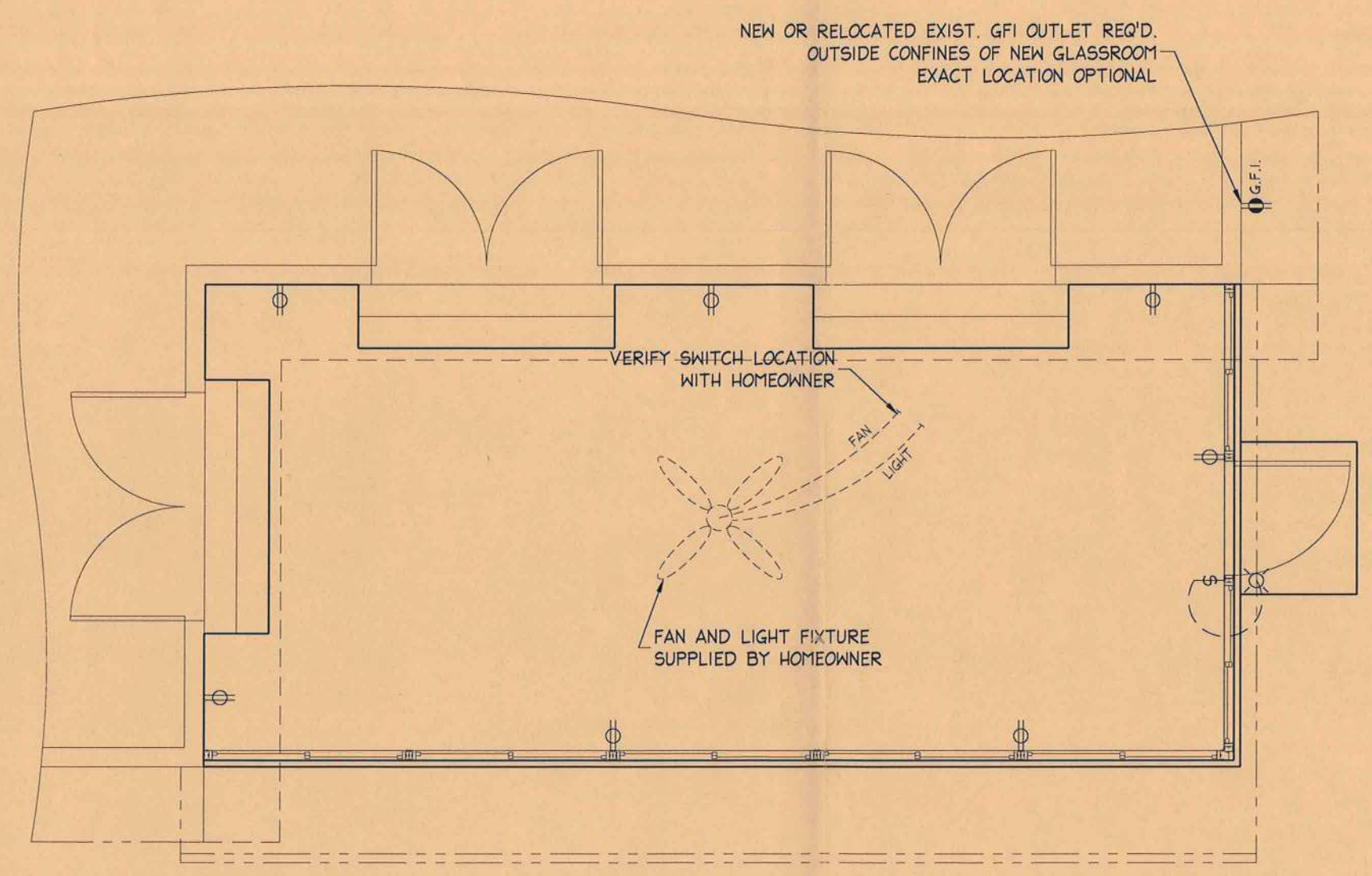
DWG NO.:
2004-099-001.dwg



ELECTRICAL PLAN

REVISION	DATE	BY	CKD
INITIAL LAYOUT, REVIEW, AND ISSUE FOR PERMIT	06-30-04	H. L.	.
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PURVIS COMPOSITE ROOF GLASSROOM ELECTRICAL PLAN

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