Columbia County Building Permit Application

For Office Use Only Application # 0709-50 Date Received 9/17 By JW Permit # 26277

Application Approved by - Zoning Official BLK Date 24.09.07 Plans Examiner OK JTH Date 9-27

Flood Zone X Surveyor Development Permit N/A Zoning CI Land Use Plan Map Category CI

Comments

☑ NOC ☐ EH ☐ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development

Name Authorized Person Signing Permit Linda or Melanie Roder Fax 752-2282 Phone 752-2281

Address 387 SW Kempt Lake City FL 32024

Owners Name Chris Williams Phone 386 752-5841 397-5731

911 Address 443 SW Sisters Welcome Rd

Contractors Name Seth Heitzman Phone 867-1295

Address POB 1046 Lake City FL 32025

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Nick Geisler

Mortgage Lenders Name & Address Campus USA Credit union P.O Box 147029 Gainesville 32614

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive

Property ID Number 06-4S-17-08036-001 Estimated Cost of Construction 105,000 ^00

Subdivision Name Lot ____ Block ____ Unit ____ Pha

Driving Directions Hwy 90 west turn south on CR 341 / 1st traffic light on left Behind Baker Dist.

Type of Construction Metal Buildings Number of Existing Dwellings on Property 0

Total Acreage .54 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existi

Actual Distance of Structure from Property Lines - Front 40ft Side North 10ft Side South 123 Rear 12

Total Building Height 22½ft peak Number of Stories 1 Heated Floor Area 1500 sf 6,000 TOTAL 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 standa 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 PAY TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH Y LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Authorized Person by Notarized Letter

STATE OF FLORIDA
COUNTY OF COLUMBIA

Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

Sworn to (or affirmed) and subscribed before me this ____ day of ____ 20____.

Personally known ____ or Produced Identification ____

Contractor Signature

Contractors License Number 1251065

Competency Card Number

NOTARY STAMP/SEAL

Notary Signature

(Revised Sep

THIS INSTRUMENT PREPARED BY:

CAMPUS USA CREDIT UNION
Attn: David Barber
POST OFFICE BOX 147029
GAINESVILLE, FL 32614-7029

Inst:200712020235 Date:9/6/2007 Time 10:53 AM
DC,P.DeWitt Cason ,Columbia County Page 1

PERMIT NO. _____ TAX FOLIO NO.: 08036-001

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

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.

1. PROPERTY DESCRIPTION:

COMM NW COR OF SEC, RUN E 330.17 FT, S 257.48 FT TO S R/W OF SUMMERS RD, NW ALONG R/W 5.77 FT, SW 157.55 FT. TO POB, CONT SW 193.56 FT, EAST 205.44 FT, NE 173.94 FT, NW 264.87 FT TO POB (LEGAL FROM SURVEY PARCEL "B" ORB 854-792 856-1670, 866-331

2. GENERAL DESCRIPTION OF IMPROVEMENTS: 6,000 s.f. Metal Building
3. OWNER INFORMATION:
   A. Name and Address: Christopher A. and Lacrecia K. Williams, 2715 NW Noegel Rd., Wellborn, FL 32094
   B. Interest In Property: Fee Simple
4. CONTRACTOR: Seth Heitzman Construction, Inc., P.O. Box 3642, Lake City, FL 32056
5. SURETY: N/A
6. LENDER: Campus USA Credit Union, 2511 NW 41st St., Gainesville, FL 32606
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1) (a) 7., Florida Statutes: None
8. In addition to himself, Owner designates Campus USA Credit Union, 2511 NW 41st St., Gainesville, FL 32606, to receive a copy of the Lienor's Notice as provided in Section 713.13(1) (b), Florida Statutes.
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

SIGNATURE OF OWNER:

Christopher A. Williams

Lacrecia K. Williams

The foregoing instrument was acknowledged before me this 6 day of September 2007, by Christopher A. Williams, ✓ who was personally to me or provided the following identification: _____.

SCOTT THOMAS MOORE
MY COMMISSION # DD 695342
EXPIRES: November 16, 2011
Bonded Thru Notary Public Underwriters

Notary Public
My Commission Expires:

The foregoing instrument was acknowledged before me this 6th day of September 2007, by Lacrecia K. Williams, ✓ who was personally to me or provided the following identification: _____.

GENEVIEVE W REGISTER
Comm# DD0257418
Expires 11/4/2007
Bonded thru (800)432-4254
Florida Notary Assn., Inc

Notary Public
My Commission Expires:

Florida Energy Efficiency Code For Building Construction
Florida Department of Community Affairs

EnergyGauge FlaCom v 2.11 FORM 400A-2004
Whole Building Performance Method for Commercial Buildings

Jurisdiction: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)

Short Desc: New Prj
Owner: CHRIS WILLIAMS
Address: -
Enter Address here
City: LAKE CITY
State: FL
Zip: 0

Project: OFFICE / WAREHOUSE for:

PermitNo: 0
Storeys: 1

Type: Warehouse
Class: New Finished building

***Conditioned Area:** 1200
***Cond + UnCond Area:** 6000

* denotes lighted area. Does not include wall crosection areas

Max Tonnage: 3.5 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	2,214.37	2,428.75	**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**PASSES**
HVAC SYSTEM			**PASSES**
PLANT			**None Entered**
WATER HEATING SYSTEMS			**None Entered**
PIPING SYSTEMS			**None Entered**
Met all required compliance from Check List?			**Yes/No/NA**

IMPORTANT NOTE: An input report Print-Out from EnergyGauge Com of this design building must be submitted along with this Compliance Report.

COMPLIANCE CERTIFICATION:

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

PREPARED BY: NICHOLAS GEISLER

DATE: _____

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

OWNER AGENT: BRETT PARRISH

DATE: _____

Review of the 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: _____

If required by Florida law, I hereby certify (*) that the system design is in compliance with the Florida Energy Code.

		REGISTRATION No.
ARCHITECT :	[signature] 13 Sep 2K7	AR7005
ELECTRICAL SYSTEM DESIGNER		
LIGHTING SYSTEM DESIGNER:		
MECHANICAL SYSTEM DESIGNER:		
PLUMBING SYSTEM DESIGNER:		

(*) Signature is required where Florida Law requires design to be performed by registered design professionals.
Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.

COMPLIANCE CERTIFICATION:

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code.	Review of the 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.
PREPARED BY: NICHOLAS GEISLER	**BUILDING OFFICIAL:** _____
DATE: _____	**DATE:** _____
I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.	
OWNER AGENT: BRETT PARRISH	
DATE: _____	

If required by Florida law, I hereby certify (*) that the system design is in compliance with the Florida Energy Code.

	REGISTRATION No.
ARCHITECT :	AR7005 13 Sep 2007
ELECTRICAL SYSTEM DESIGNER	
LIGHTING SYSTEM DESIGNER:	
MECHANICAL SYSTEM DESIGNER:	
PLUMBING SYSTEM DESIGNER:	

(*) Signature is required where Florida Law requires design to be performed by registered design professionals.
Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.

Project: New Prj
Title: OFFICE / WAREHOUSE for:
Type: Warehouse
(WEA File: JACKSONVILLE.TMY)

Whole Building Compliance

	Design	Reference
Total	*91.22*	*100.00*
	$2,214.37	*$2,428.75*
ELECTRICITY(MBtu/kWh/$)	91.22 43,849.00 *$2,214.37*	100.00 48,094.00 *$2,428.75*
AREA LIGHTS	31.32 15,067.00 *$760.88*	32.85 15,802.00 *$798.00*
MISC EQUIPMT	8.41 4,044.00 *$204.22*	8.41 4,044.00 *$204.22*
PUMPS & MISC	0.12 47.00 *$2.37*	0.12 45.00 *$2.27*
SPACE COOL	9.02 4,326.00 *$218.46*	10.42 5,008.00 *$252.90*
SPACE HEAT	1.52 741.00 *$37.42*	2.32 1,122.00 *$56.66*
VENT FANS	40.83 19,624.00 *$991.01*	45.89 22,073.00 *$1,114.69*

Credits & Penalties (if any): Modified Points: = 91.23 | **PASSES**

Project: New Prj
Title: OFFICE / WAREHOUSE for:
Type: Warehouse
(WEA File: JACKSONVILLE.TMY)

External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Building Grounds Luminaires	3.00	200.0	600	70
Ext Light 2	Building Entrance with (or free standing) Canopy	3.00	240.0	720	100

Design: 690 (W)
Allowance: 1320 (W)

PASSES

Project: New Prj
Title: OFFICE / WAREHOUSE for:
Type: Warehouse
(WEA File: JACKSONVILLE.TMY)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compli-ance
Pr0Zo1Sp1	17	Office - Enclosed	1,200	1	4	1	PASSES
Pr0Zo2Sp1	3	Storage & Warehouse - Bulky Active Storage	4,800	1	2	2	PASSES

PASSES

Project: New Prj
Title: OFFICE / WAREHOUSE for:
Type: Warehouse
(WEA File: JACKSONVILLE.TMY)

System Report Compliance

Pr0Sy1 **System 1** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. of Units 1**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Comp-liance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		13.00	10.00	8.00		PASSES
Heating System	Air Cooled HP < 65000 Btu/h Cooling Capacity		8.70	6.80			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.90			PASSES
Air Distribution System	ADS System		6.00	6.00			PASSES

PASSES

Plant Compliance

Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Comp liance

None

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Comp liance

None

Piping System Compliance

Category	Pipe Dia [inches]	Is Runout?	Operating Temp [F]	Ins Cond [Btu-in/hr .SF.F]	Ins Thick [in]	Req Ins Thick [in]	Compliance

None

Project: New Prj
Title: OFFICE / WAREHOUSE for:
Type: Warehouse
(WEA File: JACKSONVILLE.TMY)

Other Required Compliance

Category	Section	Requirement (write N/A in box if not applicable)	Check
Infiltration	406.1	Infiltration Criteria have been met	☐
System	407.1	HVAC Load sizing has been performed	☐
Ventilation	409.1	Ventilation criteria have been met	☐
ADS	410.1	Duct sizing and Design have been performed	☐
T & B	410.1	Testing and Balancing will be performed	☐
Motors	414.1	Motor efficiency criteria have been met	☐
Lighting	415.1	Lighting criteria have been met	☐
O & M	102.1	Operation/maintenance manual will be provided to owner	☐
Roof/Ceil	404.1	R-19 for Roof Deck with supply plenums beneath it	☐
Report	101	Input Report Print-Out from EnergyGauge FlaCom attached?	☐

EnergyGauge FlaCom v 2.11

INPUT DATA REPORT

Project Information

Project Name: [illegible]

Project Title: [illegible]

Address: -

[illegible]

State: [illegible]

Zip: [illegible]

Owner: [illegible]

Orientation: East

Building Type: Warehouse

Building Classification: New Finished building

No of Storeys: 1

Gross Area: 6000

Zones

No	Name	Description	Type	Area [sf]	Multiplier	Total Area [sf]	
1	[illegible]	zone1	[illegible]	1200.0	1	1200.0	☐
2	[illegible]	zone2	[illegible]	4800.0	1	4800.0	☐

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multiplier	Total Area [sf]	Total Volume [cf]	
In Zone: Pr0Zo1										
1	Pr0Zo1Sp1	Zo0Sp1	Office - Enclosed	20.00	60.00	10.00	1	1200.0	12000.0	☐
In Zone: Pr0Zo2										
1	Pr0Zo2Sp1	Zo0Sp1	Storage & Warehouse - Bulky Active Storage	80.00	60.00	12.00	1	4800.0	57600.0	☐

Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No.of Ctrl pts	
In Zone: Pr0Zo1								
In Space: Pr0Zo1Sp1								
1	Compact Fluorescent	General Lighting	6	200	1200	Manual On/Off	2	☐
2	Incandescent	General Lighting	2	60	120	Manual On/Off	2	☐
In Zone: Pr0Zo2								
In Space: Pr0Zo2Sp1								
1	Compact Fluorescent	General Lighting	18	200	3600	Manual On/Off	2	☐

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multiplier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1												
1	Pr0Zo1Wal	Metal siding/R11Batt/0.5" Gyp	60.00	12.00	1	720.0	East	0.0957	0.7570	16.80	10.45	☐

2	Pr0Zo1Wa2	Metal siding/R11Batt/0.5" Gyp	20.00	12.00	1	240.0	South	0.0957	0.7570	16.80	10.45	☐
3	Pr0Zo1Wa3	Metal siding/R11Batt/0.5" Gyp	20.00	21.50	1	430.0	North	0.0957	0.7570	16.80	10.45	☐
In Zone: Pr0Zo2												
1	Pr0Zo2Wa1	Metal siding/R11Batt/0.5" Gyp	80.00	12.00	1	960.0	South	0.0957	0.7570	16.80	10.45	☐
2	Pr0Zo2Wa2	Metal siding/R11Batt/0.5" Gyp	40.00	12.00	1	480.0	West	0.0957	0.7570	16.80	10.45	☐
3	Pr0Zo2Wa3	Metal siding/R11Batt/0.5" Gyp	80.00	12.00	1	960.0	North	0.0957	0.7570	16.80	10.45	☐
4	Pr0Zo2Wa4	Partition wall, 0.75 in. gyp, airspace, 0.75 in. g	8.00	12.00	1	96.0	East	0.8350	2.5000	100.00	1.20	☐

Windows

No	Description	Type	Shaded	U [Btu/hr sf F]	SHG	Vis.Tr	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]	
In Zone: Pr0Zo1											
In Wall: Pr0Zo1Wa1											
1	Pr0Zo1Wa1Wi1	User Defined	No	1.2500	0.70	0.58	4.00	5.00	4	80.0	☐
In Wall: Pr0Zo1Wa2											
1	Pr0Zo1Wa2Wi1	User Defined	No	1.2500	0.70	0.58	4.00	5.00	2	40.0	☐
In Wall: Pr0Zo1Wa3											
1	Pr0Zo1Wa3Wi1	User Defined	No	1.2500	0.70	0.58	4.00	5.00	2	40.0	☐

Doors

No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1											
In Wall: Pr0Zo1Wa1											

	1	Pr0Zo1Wa1Dr1	Hollow core flush	No	3.00	6.67	1	20.0	0.7553	0.00	0.00	1.32
In Zone:	**Pr0Zo2**											
In Wall:	**Pr0Zo2Wa1**											
	1	Pr0Zo2Wa1Dr1	Hollow core flush	No	10.00	10.00	1	100.0	0.7553	0.00	0.00	1.32
In Wall:	**Pr0Zo2Wa3**											
	1	Pr0Zo2Wa3Dr1	Hollow core flush	No	10.00	10.00	2	100.0	0.7553	0.00	0.00	1.32
In Wall:	**Pr0Zo2Wa4**											
	1	Pr0Zo2Wa4Dr1	Hollow core flush	No	3.00	6.67	1	20.0	0.7553	0.00	0.00	1.32

Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]
In Zone:	**Pr0Zo1**										
1	Pr0Zo1Rf1	Mtl Bldg Roof/R-19 Batt	30.00	20.00	1	600.0	9.00	0.0492	1.34	9.49	20.34
2	Pr0Zo1Rf2	Mtl Bldg Roof/R-19 Batt	30.00	20.00	1	600.0	9.00	0.0492	1.34	9.49	20.34
In Zone:	**Pr0Zo2**										
1	Pr0Zo2Rf1	Mtl Bldg Roof/R-19 Batt	30.00	80.00	1	2400.0	9.00	0.0492	1.34	9.49	20.34
2	Pr0Zo2Rf2	Mtl Bldg Roof/R-19 Batt	30.00	80.00	1	2400.0	9.00	0.0492	1.34	9.49	20.34

Skylights

No	Description	Type	U [Btu/hr sf F]	SHGC	Vis.Trans	W [ft]	H (Effec) [ft]	Multiplier	Area [Sf]	Total Area [Sf]
In Zone:										
In Roof:										

Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multiplier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1											
1	Pr0Zo1Fl1	Concrete floor, carpet and rubber pad	60.00	20.00	1	1200.0	0.5987	9.33	140.00	1.67	☐
In Zone: Pr0Zo2											
1	Pr0Zo2Fl1	Concrete floor, carpet and rubber pad	60.00	80.00	1	4800.0	0.5987	9.33	140.00	1.67	☐

Systems

Pr0Sy1 **System 1** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. Of Units 1**

Component	Category	Capacity	Efficiency	IPLV	
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	42000.00	13.00	8.00	☐
2	Heating System (Air Cooled HP < 65000 Btu/h Cooling Capacity)	42000.00	8.70		☐
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	1400.00	0.80		☐
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	1400.00	0.80		☐
5	Air Distribution System (ADS System)		6.00		☐

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV	
						☐

Water Heaters

W-Heater Description	Capacit	Cap.Unit	I/P Rt.	Efficienc	Loss

Ext-Lighting

	Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]
1	Ext Light 1	Building Grounds Luminaires	7	70	200.00	Photo Sensor control	490.00
2	Ext Light 2	Building Entrance with (or free standing) Canopy	2	100	240.00	Photo Sensor control	200.00

Piping

No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?

Fenestration Used

Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SHGC	VLT
ASHULTntAllFrm	User Defined	1	1.2500	0.7000	0.5800

Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.sf.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHeat [Btu/lb.F]	
187	Matl187	GYP OR PLAS BOARD,1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000	☐
151	Matl151	CONC HW, DRD, 140LB, 4IN	No	0.4403	0.3333	0.7570	140.00	0.2000	☐
178	Matl178	CARPET W/RUBBER PAD	Yes	1.2300					☐
57	Matl57	3/4 in. Plaster or gypsum	No	0.1488	0.0625	0.4200	100.00	0.2000	☐
72	Matl72	AIR LAYER, 3/4IN OR LESS, VERT. WALLS	Yes	0.9000					☐
12	Matl12	3 in. Insulation	No	10.0000	0.2500	0.0250	2.00	0.2000	☐
23	Matl23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000	☐
4	Matl4	Steel siding	No	0.0002	0.0050	26.0000	480.00	0.1000	☐
94	Matl94	BUILT-UP ROOFING, 3/8IN	No	0.3366	0.0313	0.0930	70.00	0.3500	☐

Constructs Used

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1004	Concrete floor, carpet and rubber pad	No	No	0.60	9.33	140.00	1.6703	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	151	CONC HW, DRD, 140LB, 4IN	0.3333	0.00	☐
2	178	CARPET W/RUBBER PAD		0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1008	Partition wall, 0.75 in. gyp, airspace, 0.75 in. gyp	No	No	0.83	2.50	100.00	1.1976	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	57	3/4 in. Plaster or gypsum	0.0625	0.00	☐
2	72	AIR LAYER, 3/4IN OR LESS, VERT. WALLS		0.00	☐
3	57	3/4 in. Plaster or gypsum	0.0625	0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1020	Metal siding/R11Batt/0.5"Gyp	No	No	0.10	0.76	16.80	10.4535	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	4	Steel siding	0.0050	0.00	☐
2	12	3 in. Insulation	0.2500	0.00	☐
3	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1025	Hollow core flush	No	Yes	0.76			1.3239	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	276	Hollow core flush (1.75")		0.00	☐

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]	
1047	Mtl Bldg Roof/R-19 Batt	No	No	0.05	1.34	9.49	20.3366	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	94	BUILT-UP ROOFING, 3/8IN	0.0313	0.00	☐
2	23	6 in. Insulation	0.5000	0.00	☐

Notice of Authorization

I, Seth Hitzman, hereby authorize Linda Roder or Melanie Roder to be my Representative and act on my behalf in all aspects for applying for a Building Permit to be located in Columbia County. Chris Williams

X _____ 9-5-07

Contractor's Signature Date

Sworn to and Subscribed before me this 5 day of September, 2007 by Seth Hitzman, who

✓ is Personally Known or

_____ has produced _____ as identification.

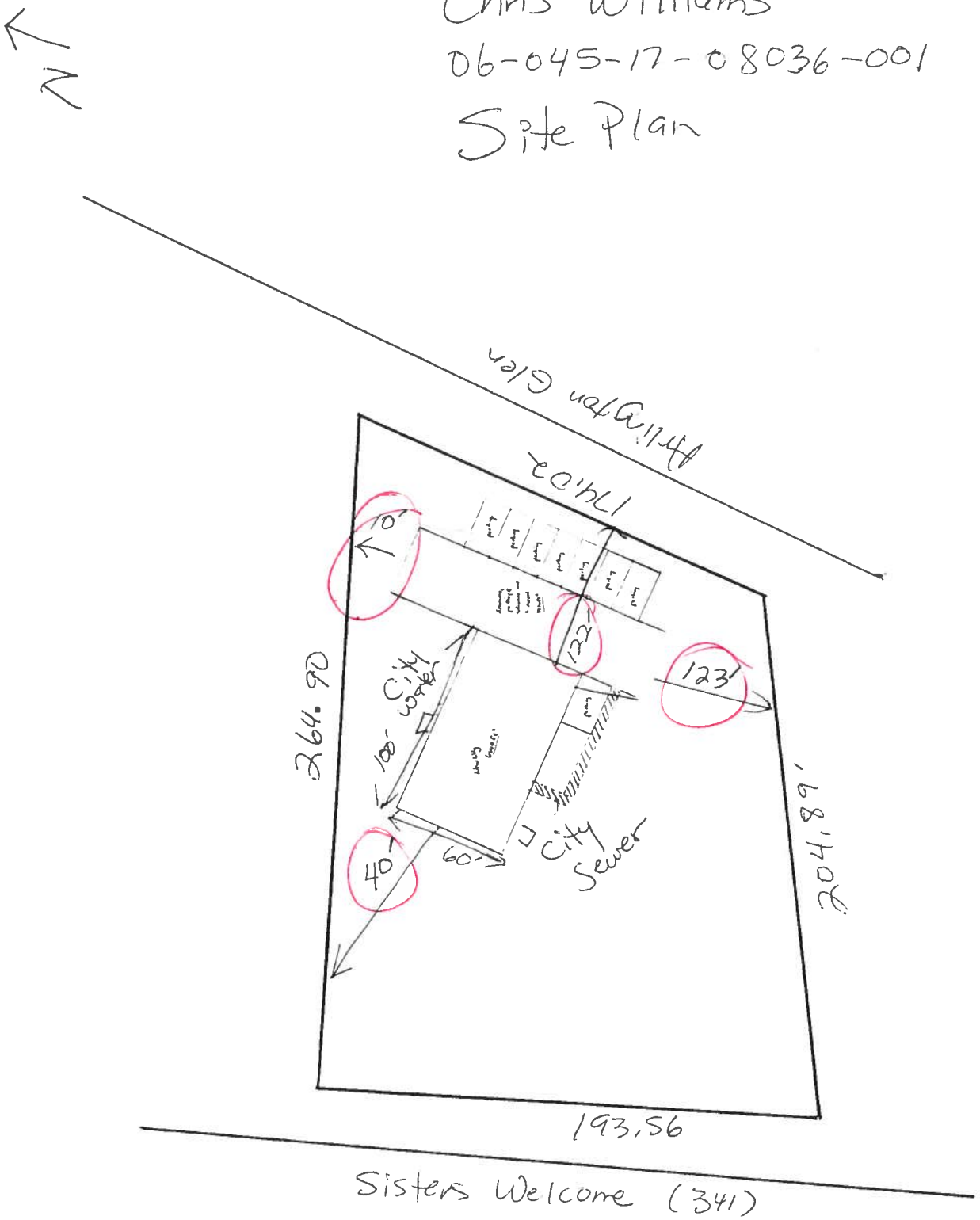
_____

Notary Public Notary Stamp

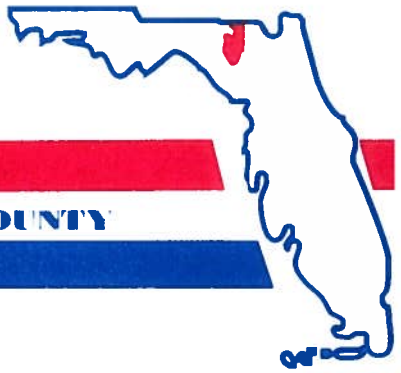
NOTARY PUBLIC STATE OF FLORIDA

Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

Chris Williams
06-045-17-08036-001
Site Plan



District No. 1 - Ronald Williams
District No. 2 - Dewey Weaver
District No. 3 - George Skinner
District No. 4 - Stephen E. Bailey
District No. 5 - Elizabeth Porter



24 September 2007

TO: File

FROM: Land Development Regulation Administrator

SUBJECT: BP 07-3 (Williams)

Concurrency Assessment Concerning a Building Permit

The following assessment is provided for the purpose of a binding concurrency determination regarding the demand and residual capacities for public facilities required to be addressed within the Concurrency Management System. This assessment serves as a binding concurrency determination, but does not ensure that facilities, which are not owned, operated or permitted by the County will be available to the property at the time development occurs.

BP 07-3, an application by Chris Williams, for building permit approval for general office and warehouse use located in a COMMERCIAL INTENSIVE (CI) zoning district in accordance with a site plan and submitted as part of building permit application 0709-50 dated September 17, 2007 to be located on property described, as follows:

A parcel of land lying with in Section 6, Township 4 South, Range 17 East, Columbia County, Florida. Being more particularly described, as follows: Commence at the Northwest corner of said Section 6. Thence North 88°05'00" East along the north line of said Section 6 a distance of 330.17 feet; thence South 00°11'00" West 257.48 feet to the South right-of-way line of Southwest Summers Lane; thence North 76°47'50" West along said South right-of-way line of Southwest Summers Lane a distance of 5.77 feet; thence South 08°24'43" West 157.55 feet to the Point of Beginning; thence continue South 08°24'43" West 193.56 feet; thence North 88°09'00" East 205.44 feet; thence North 29°31'39" East 173.94 feet; thence North 82°44'07" West 264.87 feet to the Point of Beginning .

Containing 0.94 acre, more or less.

Availability of and Demand on Public Facilities

Potable Water Impact -

The site is located within the City of Lake City community potable water system service area. The community potable water system is currently meeting or exceeding the adopted level of service standard for potable water facilities established within the Comprehensive Plan.

The proposed development will result in the location of 540 square feet gross floor area of specialty retail use, 1,080 square feet gross floor area of general office use and 4,380 square feet gross floor area of warehouse use to be located on the site.

An average specialty retail use is estimated to have 1.82 employees per 1,000 square feet gross floor area:

0.54 (540 square feet gross floor area) x 1.82 (employees per 1,000 square feet gross floor area) = 1 employee x 45 gallons of potable water usage per employee per day = 45 gallons of potable water usage per day.

An average general office use is estimated to have 3.39 employees per 1,000 square feet gross floor area.

1.087 (1,080 square feet gross floor area) x 3.39 (employees per 1,000 square feet gross floor area) = 4 employees x 30 (gallons of potable water generated per 1,000 square feet gross floor area) = 120 gallons of potable water generated per day.

An average warehouse use is estimated to have 1.87 employees per 1,000 square feet gross floor area.

4.38 (4,380 square feet gross floor area) x 1.87 (employees per 1,000 square feet gross floor area) = 9 employees x 22.5 (gallons of potable water generated per 1,000 square feet gross floor area) = 203 gallons of potable water generated per day.

Therefore, the estimated number of gallons of potable water generated day = 386 gallons per day (45 + 120 + 203 = 386).

Permitted capacity of the community potable water system = 6,000,000 gallons of potable water per day.

The average daily potable water usage for 2006 = 3,320,000 gallons of potable water per day

Residual available capacity prior to reserved capacity for previously approved development = 2,680,000 gallons of potable water per day.

Less reserved capacity for previously approved development = 147,065 gallons of potable water per day.

Residual available capacity after reserved capacity for previously approved development = 2,532,935 gallons of potable water per day.

Less estimated gallons of potable water use as a result of this proposed development = 386 gallons of potable water per day.

Residual capacity after proposed development = 2,532,549 gallons of potable water per day.

Based upon the above analysis, the potable water facilities are anticipated to continue to meet or exceed the adopted level of service standard for potable water facilities as provided in the Comprehensive Plan, after adding the potable water demand generated by the special retail, general office and warehouse uses of the site.

Sanitary Sewer Impact -

The site proposes to connect in with the City of Lake City community centralized sanitary sewer system service area. The community centralized sanitary sewer system is currently meeting or exceeding the adopted level of service standard for sanitary sewer established within the Comprehensive Plan. Currently the City of Lake City has a temporary permit from F.D.E.P. allowing for an addition 500,000 gallons of sanitary sewer effluent being treated per day.

The proposed development will result in the location of 540 square feet gross floor area of specialty retail use, 1,080 square feet gross floor area of general office use and 4,380 square feet gross floor area of warehouse use to be located on the site.

An average specialty retail use is estimated to have 1.82 employees per 1,000 square feet gross floor area:

0.54 (450 square feet gross floor area) x 1.82 (employees per 1,000 square feet gross floor area) = 1 employee x 34.5 (gallons of sanitary sewer effluent per employee per day) = 35 gallons of sanitary sewer effluent per day.

An average general office use is estimated to have 3.39 employees per 1,000 square feet gross floor area.

1.08 (1,080 square feet gross floor area) x 3.39 (employees per 1,000 square feet gross floor area) = 4 employees x 23 (gallons of sanitary sewer effluent generated per day) = 52 gallons of sanitary sewer effluent generated per day.

An average warehouse use is estimated to have 1.87 employees per 1,000 square feet gross floor area.

4.38 (4,380 square feet gross floor area) x 1.87 (employees per 1,000 square feet gross floor area) = 9 employees x 17.25 (gallons of sanitary sewer effluent generated per day) = 156 gallons of sanitary sewer effluent generated per day.

Therefore, the estimated number of gallons of sanitary sewer effluent generated per day = 243 gallons (35 + 52 + 156 = 243).

Permitted available capacity of the community centralized sanitary sewer system = 3,000,000 gallons of sanitary sewer effluent per day.

The average daily sanitary sewer usage for 2006 = 2,400,000 gallons of sanitary sewer effluent per day.

The residual available capacity prior to reserved capacity for previously approved development = 600,000 gallons of sanitary sewer effluent per day.

With the temporary permit allowing an additional 500,000 gallons of sanitary sewer effluent per day. The residual available capacity prior to reserved capacity for previously approved development = 1,100,000 gallons of sanitary sewer effluent per day.

Less reserved capacity for previously approved development = 1,050,000 gallons of sanitary sewer effluent per day.

Residual available capacity after reserved capacity for previously approved development = 49,810 gallons of sanitary sewer effluent per day.

Less estimated gallons of sanitary sewer use as a result of this proposed development = 243 gallons of sanitary sewer effluent per day.

Residual capacity after the proposed development = 49,567 gallons of sanitary sewer effluent per day.

Based upon the above analysis, the sanitary sewer facilities are anticipated to continue to meet or exceed the adopted level of service standard for sanitary sewer facilities as provided in the Comprehensive Plan, after adding the sanitary sewer demand generated by the specialty retail, general office and warehouse uses of the site.

Solid Waste Impact -

Solid waste facilities for the use to be located on the site are provided at the County sanitary landfill, the level of service standard established within the Comprehensive Plan for the provision of solid waste disposal is currently being met or exceeded.

The proposed development will result in the location of 540 square feet gross floor area of specialty retail use, 1,080 square feet gross floor area of general office use and 4,380 square feet gross floor area of warehouse use to be located on the site.

Based upon an average of 5.5 pounds of solid waste generated per 1,000 square feet gross floor area per day:

6.0 (6,000 square feet gross floor area) x 5.5 (pounds of solid waste generated per 1,000 square feet gross floor area per day) = 33 pounds of solid waste generated per day.

Total County average solid waste disposal per day (including municipalities) = 416,000 pounds per day.

Based upon the annual projections of solid waste disposal at the sanitary landfill for 2007, solid waste facilities are anticipated to meet or exceed the adopted level of service standard for solid waste facilities, as provided in the Comprehensive Plan, after adding the solid waste demand generated by the specialty retail, general office and warehouse uses of the site.

Drainage Impact -

Drainage facilities are already maintained on site for the management of stormwater. As stormwater is to be retained on site, the proposed development is not anticipated to adversely impact drainage systems. Therefore, the adopted level of service standard for drainage established within the Comprehensive Plan is anticipated to continue to be met or exceeded.

Recreation Impact -

The level of service standards established within the Comprehensive Plan for the provision of recreation facilities are currently being met or exceeded.

As there will be no additional population generated by the proposed specialty retail, general office and warehouse uses, the proposed development is not anticipated to have an adverse impact on recreational facilities.

Therefore, the level of service standards established within the Comprehensive Plan for the provision of recreation facilities are anticipated to continue to be met or exceeded.

Traffic Impact -

The roadway serving the site is currently meeting or exceeding the level of service standard required for traffic circulation facilities as provided in the Comprehensive Plan.

The proposed development will result in the location of 540 square feet gross floor area of specialty retail use, 1,080 square feet gross floor area of general office use and 4,380 square feet gross floor area of warehouse use to be located on the site.

Summary of Trip Generation Calculations for Specialty Retail Use

Based upon 0.96 p.m. peak hour trips per 1,000 square feet gross floor area per day:

0.54 (540 square feet gross floor area) x 0.96 (trips per 1,000 square feet gross floor area per day) = 1 p.m. peak hour trip.

Summary of Trip Generation Calculations for General Office Use

Based upon 0.46 p.m. peak hour trip per 1,000 square foot gross floor area:

1.08 (1,080 square foot gross floor area) x 0.46 (p.m. peak hour trips) = 1 p.m. peak hour trip.

Summary of Trip Generation Calculations for a Warehouse Use

Based upon .59 p.m. peak hour trips on a weekday per 1,000 square foot gross floor area:

4.38 (4,380 square foot gross floor area) x .59 (p.m. peak hour trips per weekday) = 3 p.m. peak hour trips.

Therefore, the estimated number of p.m. peak hour trips generated per day = 5 p.m. peak hour trips per day (1 + 1 + 3 = 5).

Existing p.m. peak hour trips = 1,900 annual average daily traffic trips per day (2006 Estimates Based on 1989 Annual Average Daily Traffic Count Station Data, Florida Department of Transportation). x .097 (k factor) = 180 peak hour p.m. trips per day.

The following table contains information concerning the assessment of the traffic level of service on the surrounding road network by the proposed development.

Level of Service Section	Existing P.M. Peak Hour Trips	Existing Level of Service	Reserved Capacity P.M. Peak Hour Trips Previously Approved	Development P.M. Peak Hour Trips	P.M. Peak Hour Trips With Development	Level of Service With Development
Section 71 C.R. 341 (from Lake City Urban Area Boundary to C.R.242)	185[a]	B	38	5	228	C

a 2006 Estimates Based on 1989 Annual Average Daily Traffic Count Station Data, Florida Department of Transportation.

Sources: Trip Generation. Institute of Transportation Engineers, 7th Edition, 2003.

Quality/Level of Service Handbook. Florida Department of Transportation, February 2002.

Based upon the above analysis and the adopted level of service standard of "D" with a capacity of 1,350 p.m. peak hour trips for Section 71, the roadway serving the site is anticipated to continue to meet or exceed the level of service standard required for traffic circulation facilities as provided in the Comprehensive Plan after adding the projected number of trips associated with the proposed development.

Surrounding Land Uses

The site is currently vacant. The site is bound on the north by commercial, on the east by single family residential, on the south by single family residential land uses and on the west by vacant land.

Historic Resources

According to Illustration A-II of the Comprehensive Plan, entitled Historic Resources, which is based upon the Florida Division of Historical Resources, Master Site File, dated 1989 and 1996, there are no known historic resources located on the site.

Flood Prone Areas

According to Illustration A-V of the Comprehensive Plan, entitled General Flood Map, which is based upon the Flood Insurance Rate Map, prepared by the Federal Emergency Management Agency, dated January 6, 1988, the site is not located within flood zone area.

Wetlands

According to Illustration A-VI of the Comprehensive Plan, entitled Wetland Areas, which is based upon the National Wetlands Reconnaissance Survey, dated 1981, and the National Wetlands Inventory, dated 1987, there are no wetlands located on the site.

Minerals

According to Illustration A-VII of the Comprehensive Plan, entitled Minerals, which is based upon Natural Resources, prepared by the North Central Florida Regional Planning Council, 1977, the site is within an area known to contain phosphate deposits.

Soil Types

According to Illustration A-VIII of the Comprehensive Plan, entitled General Soil Map, which is based upon the U.S. Department of Agriculture, Soil Conservation Service, Soil Survey dated October 1984, the Mascotte fine sand soils.

Mascotte fine sand soils are poorly drained, nearly level soils around wet depressions on uplands and throughout the flatwoods. The surface and subsurface layers are comprised of fine sand to a depth of 15 inches. The subsoil layer is comprised of fine sand, fine sandy loam and loamy sand to a depth of 80 inches or more.

Mascotte fine sand soils have severe limitations for building site development .

Stream to Sink

According to the Stream to Sink Watersheds, prepared by the Suwannee River Water Management District, dated October 7, 1997, the site is located within a stream to sink area.

High Aquifer Groundwater Recharge

According to the Areas of High Recharge Potential to the Floridan Aquifer, prepared by the Suwannee River Water Management District, dated July 17, 2001, the site is not located within an area of high aquifer groundwater recharge.

Vegetative Communities/Wildlife

According to Illustration V-I of the Data and Analysis Report, entitled Vegetative Communities, the site is located within a non-vegetative community. There are no known wildlife habitats associated with a non-vegetative community.

SUWANNEE
RIVER
WATER
MANAGEMENT
DISTRICT
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (386) 362-1001
TELEPHONE: 800-226-1066
FAX (386) 362-1056

NOTICED GENERAL PERMIT

PERMITTEE:
CHRISTOPHER WILLIAMS
368 SW SISTER'S WELCOME RD.
LAKE CITY, FL 32025

PERMIT NUMBER: ERP07-0307
DATE ISSUED: 07/09/2007
DATE EXPIRES: 07/09/2010
COUNTY: COLUMBIA
TRS: S6/T4S/R17E

PROJECT: CHRISTOPHER WILLIAMS BUILDING

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

CHRISTOPHER WILLIAMS
368 SW SISTER'S WELCOME RD.
LAKE CITY, FL 32025

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource noticed general permit is in effect for the permitted activity description below:

Construction and operation of less than 0.22 acres of impervious structures consisting of a 6000 square foot building, a sidewalk, and parking for eight vehicles on a total project area of 0.94 acres in a manner consistent with the application package submitted by Christopher A. Williams on June 25, 2007 and in accordance with District Rule 40B-4.2010(2)(a)2 .

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing or mediation. Please refer to enclosed notice of rights.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400, F.A.C. A noticed general permit authorizes the construction, operation, maintenance, alteration,

abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

General Conditions for All Noticed General Permits:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this section are general permit conditions and are binding upon the permittee for all noticed general permits in Part II of this chapter. These conditions are enforceable under Part IV of chapter 373, F.S.

2. The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit. A violation of the permit is a violation of Part IV of chapter 373, F.S., and may result in suspension or revocation of the permittee's right to conduct such activity under the general permit. The District may also begin legal proceedings seeking penalties or other remedies as provided by law for any violation of these conditions.

3. This general permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any construction, alteration, operation, maintenance, removal or abandonment authorized by this permit.

4. This general permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the general permit and Part II of this chapter.

5. This general permit does not relieve the permittee from liability and penalties when the permitted activity causes harm or injury to human health or welfare, animal, plant or aquatic life, or property. It does not allow the permittee to cause pollution in contravention of Florida Statutes and District rules.

6. The permittee is hereby advised that s.253.77, F.S., states that a person may not commence any excavation, construction or other activity involving the use of sovereign or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.

7. The authorization to conduct activities pursuant to general permit may be modified, suspended or revoked in accordance with chapter 120, and s.373.429, F.S.

8. This permit shall not be transferred to a third party except pursuant to s.40B-4.1130, F.A.C. The permittee transferring the general permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located.

9. Upon reasonable notice to the permittee, District staff with proper identification shall have permission to enter, inspect, sample and test the permitted system to insure conformity with the plans and specifications approved by the permit.

10. The permittee shall maintain any permitted system in accordance with the plans submitted to the District and authorized by this general permit.

11. A permittee's right to conduct a specific noticed activity under this noticed general permit is authorized for the duration on the front of this permit.

12. Construction, alteration, operation, maintenance, removal and abandonment approved by this general permit shall be conducted in a manner which does not cause violations of state water quality standards, including any antidegradation provisions of s.62-4.242(1)(a) and (b), 62-4.242(2) and (3), and 62-302.300, F.A.C., and any special standards for Outstanding Florida Waters and Outstanding National Resource Waters. The permittee shall implement best management practices for erosion, turbidity and other pollution control to prevent violation of state water quality standards. Temporary erosion control measures such as sodding, mulching, and seeding shall be implemented and shall be maintained on all erodible ground areas prior to and during construction. Permanent erosion control measures such as sodding and planting of wetland species shall be completed within seven days of any construction activity. Turbidity barriers shall be installed and maintained at all locations where the possibility of transferring suspended solids into wetlands or other surface waters exists due to the permitted activity. Turbidity barriers shall remain in place and shall be maintained in a functional condition at all locations until construction is completed and soils are stabilized and vegetation has been established. Thereafter the permittee shall be responsible for the removal of the barriers. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

13. The permittee shall hold and save the District harmless from any and all damages, claims or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the general permit.

14. The permittee shall immediately notify the District in writing of any previously submitted

information that is later discovered to be inaccurate.

15. The permittee shall perform all construction authorized in a manner so as to minimize adverse impacts to fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during construction including riprap, reinforcement, or compaction of any fill materials placed around newly installed structures, to minimize erosion, turbidity, nutrient loading, and sedimentation in the receiving waters.

16. The permit is issued based on the information submitted by the applicant which reasonably demonstrates that adverse off-site water resource impacts will not be caused by the permitted activity. It is the responsibility of the permittee to insure that such adverse impacts do not in fact occur either during or after construction.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

Approved by _____ Date Approved July 9, 2007

District Staff

NOTICE OF RIGHTS

1. A person whose substantial interests are or may be determined has the right to request an administrative hearing by filing a written petition with the Suwannee River Water Management District (District), or may choose to pursue mediation as an alternative remedy under Section 120.569 and 120.573, Florida Statutes, before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth in Sections 120.569 and 120.57 Florida Statutes. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). A petition must comply with Chapter 28-106, Florida Administrative Code.

2. If the Governing Board takes action which substantially differs from the notice of District decision to grant or deny the permit application, a person whose substantial interests are or may be determined has the right to request an administrative hearing or may chose to pursue mediation as an alternative remedy as described above. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). Such a petition must comply with Chapter 28-106, Florida Administrative Code.

3. A substantially interested person has the right to a formal administrative hearing pursuant to Section 120.569 and 120.57(1), Florida Statutes, where there is a dispute between the District and the party regarding an issue of material fact. A petition for formal hearing must comply with the requirements set forth in Rule 28-106.201, Florida Administrative Code.

4. A substantially interested person has the right to an informal hearing pursuant to Section 120.569 and 120.57(2), Florida Statutes, where no material facts are in dispute. A petition for an informal hearing must comply with the requirements set forth in Rule 28-106.301, Florida Administrative Code.

5. A petition for an administrative hearing is deemed filed upon receipt of the petition by the Office of the District Clerk at the District Headquarters in Live Oak, Florida.

6. Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing pursuant to Rule 28-106.111, Florida Administrative Code.

7. The right to an administrative hearing and the relevant procedures to be followed is governed by Chapter 120, Florida Statutes, and Chapter 28-106, Florida Administrative Code.

8. Pursuant to Section 120.68, Florida Statutes, a person who is adversely affected by final District action may seek review of the action in the District Court of Appeal by filing a notice of appeal pursuant to the Florida Rules of Appellate Procedure, within 30 days of the rendering of the final District action.

9. A party to the proceeding before the District who claims that a District order is inconsistent with the provisions and purposes of Chapter 373, Florida Statutes, may seek review of the order pursuant to Section 373.114, Florida Statutes, by the Florida Land and Water Adjudicatory Commission, by filing a request for review with the Commission and serving a copy of the Department of Environmental Protection and any person named in the order within 20 days of adoption of a rule or the rendering of the District order.

10. For appeals to the District Courts of Appeal, a District action is considered rendered after it is signed on behalf of the District, and is filed by the District Clerk.

11. Failure to observe the relevant time frames for filing a petition for judicial review, or for Commission review, will result in waiver of the right to review.

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Notice of Rights has been sent by U.S. Mail to:

CHRISTOPHER WILLIAMS
368 SW SISTER'S WELCOME RD.
LAKE CITY, FL 32025

At 4:00 p.m. this 9 day of July, 2007.

Jon M. Dinges
Deputy Clerk
Suwannee River Water Management District
9225 C.R. 49
Live Oak, Florida 32060

386.362.1001 or 800.226.1066 (Florida only)

cc: File Number: ERP07-0307

Prepared by & Return to:
Matthew D. Rocco
Sierra Title, LLC
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

File Number: 07-0248

Inst:200712021001 Date:9/14/2007 Time:3:03 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 2

NOTE: This Deed is being re-recorded to add the Parcel ID number.

1124/290

Inst:200712014860 Date:7/5/2007 Time:9:33 AM
Doc Stamp-Deed:0.70
DC,P DeWitt Cason ,Columbia County Page 1 of 2

General Warranty Deed

Made this July 3, 2007 A.D. By **Christopher A. Williams, a married man,** hereinafter called the grantor, to **Christopher A. Williams and his wife, Lacrecia Williams,** whose post office address is: 2715 NW Noegel Road, Wellborn, FL 32094-5060 , hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, ($10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

See Attached Schedule "A"

Parcel ID Number: ~~03036-000~~ 08036-001

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2006.

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness Printed Name **Matthew D. Rocco**

Christopher A. Williams (Seal)
Address:

Witness Printed Name MELINDA WEAVER

(Seal)
Address:

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 3rd day of July, 2007, by **Christopher A. Williams, a married man,** who is/are personally known to me or who has produced A Drivers License as identification.

Notary Public State of Florida
Matthew Rocco
My Commission DD578349
Expires 09/17/2010

Notary Public
Print Name:

My Commission
Expires:

DEED Individual Warranty Deed with Legal on Schedule A
Closers' Choice

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Sharon Feagle
Deputy Clerk
Date 09-14-2007

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

Columbia County Property Appraiser

DB Last Updated: 8/2/2007

2007 Proposed Values

Tax Record | Property Card | Interactive GIS Map

New Super Homestead Taxable Value Calculator

Print

Parcel: 06-4S-17-08036-001

Search Result: 1 of 1

Owner & Property Info

Owner's Name	WILLIAMS CHRISTOPHER A		
Site Address			
Mailing Address	2715 NW NOEGEL RD WELLBORN, FL 320945060		
Use Desc. (code)	VACANT COM (001000)		
Neighborhood	6417.00	**Tax District**	2
UD Codes	MKTA06	**Market Area**	06
Total Land Area	0.938 ACRES		
Description	COMM NW COR OF SEC, RUN E 330.17 FT, S 257.48 FT TO S R/W OF SUMMERS RD, NW ALONG R/W 5.77 FT, SW 157.55 FT. TO POB, CONT SW 193.56 FT, EAST 205.44 FT, NE 173.94 FT, NW 264.87 FT TO POB (LEGAL FROM SURVEY PARCEL "B" ORB 854-792 856-1670, 866-331		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$102,207.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$102,207.00

Just Value	$102,207.00
Class Value	$0.00
Assessed Value	$102,207.00
Exempt Value	$0.00
Total Taxable Value	$102,207.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vimp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
001000	VACANT COM (MKT)	40883.000 SF - (.938AC)	1.00/1.00/1.00/1.00	$2.50	$102,207.00

Columbia County Property Appraiser DB Last Updated: 8/2/2007

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

25 SEPTEMBER 2007

JOHNNY KEARSE, BUILDING OFFICIAL
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: NEW FACILITIES for COUNTRY COMFORT AIR CONDITIONING
PERMIT Nr.: _____

DEAR SIR:

PLEASE BE ADVISED OF THE FOLLOWING CHANGES TO THE CONSTRUCTION DOCUMENTS FOR THE ABOVE REFERENCED PROJECT:

1. AT THE REAR WALL OF THE OFFICE AREA, ADD A 16" WIDE X 10" THICK X CONTINUOUS MONOLITHIC FOOTING, W/ 2 #5 REBAR X CONTINUOUS TO CARRY THE IMPOSED LOAD OF THE STORAGE AREA ABOVE THE OFFICE AREA.

2. REFER TO THE ATTACHED DRAWINGS FOR THE REQUIRED FIRE SEPARATION BETWEEN THE OFFICE AREA AND THE STORAGE AREAS.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR ASSISTANCE.

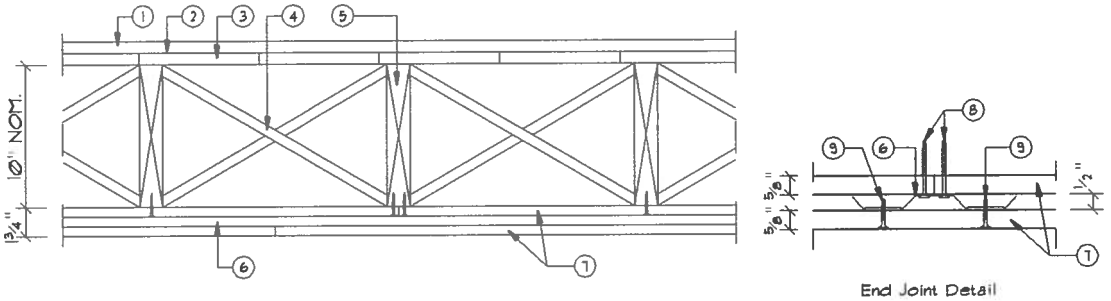
YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

Design No. L511

Unrestrained Assembly Rating - 2 Hours
Finish Rating-71 Min.



End Joint Detail

1, 2, 3. Finish flooring-Min. 23/32 in. thick T & G plywood, min. grade "Underlayment" or "Sturd-I- Floor" conforming to PS 1-74 specifications. Face grain to be perpendicular to joists with joints of the finish flooring and sub-flooring staggered. Vapor retarder-Optional-Commercial, rosin-sized building paper 0.010 in. thick.
Sub-flooring-Min. 23/32 in. thick T & G plywood, min. grade "Underlayment" or "Sturd-I-Floor" conforming to PS 1-83 specifications. Face grain to be perpendicular to joists with joints staggered.

4. Cross Bridging-1 by 3 in.

5. Wood Joists-2 by 10 in. spaced 16 in. O.C., fire-stopped.

6. Resilient Furring Channels-Formed of 25 MSG electro-galvanized steel, spaced 24 in. O.C. perpendicular to joists and located 12 in. from each long edge of base layer wallboard. Channels placed with 1/4 in. clearance at the ends and fastened to each joist with 1-7/8 in. long furring channel screws. Min end clearance of channels to walls: 3/8 in. Additional pieces, 60 in. long, placed immediately adjacent to channels for attachment of end joints of second layer, secured with 1-7/8 in. long furring channel screws driven through wallboard to joists. Ends to extend 6 in. beyond each side of end joint.

7. Wallboard, Gypsum*-5/8 in. thick, 4 ft wide. First layer installed perpendicular to joists with butted end joints of boards located at the joists. Nailed to joists with 8d cement-coated cooler nails and spaced 7 in. O.C. in the field of the board. Nails to be 1/2 in. from the butted end joints. Second layer secured to furring channels by 1 in. long wallboard screws, with long edge perpendicular to the furring channels, with the center line of boards located under a joist and so placed that the long edge joints are staggered with the butted end joints of the first layer. Secured to furring channels with 1-in. wallboard screws 12 in. O.C. Butted end joints of wallboard fastened at additional furring channels as shown in end joint detail. All screws located 1 and 1-3/4 in. from the long edges and the butted end of boards, respectively.
Canadian Gypsum Co., Ltd.- Type C.
Celotex Corp.-Type FRP.
Domtar Gypsum-Type 5.
United States Gypsum Co.- Type C. O. or IP-X2.

8 Screw, Furring Channel-Case-hardened steel, 1-7/8 in. long, 0.150-in. diam shank, diamond point, 0.335-in diam. Phillips type head.

9. Screw, Wallboard-Case-hardened steel, 1 in. long, 0.150-in. diam shank, self-drilling and self-tapping, 0.335-in. diam Phillips-type head.

10. Alternate Finishing System (Not Shown) Outer layer wallboard joints covered with fiber tape and joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

*Bearing the UL Classification Marking

RE: NEW FACILITIES for COUNTRY COMFORT AIR CONDITIONING
PERMIT Nr.: _____

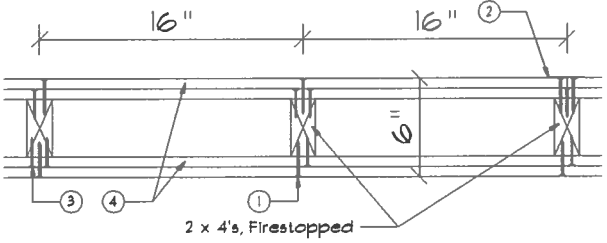
ARTCOS
25 Sep 2007

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

Design No. U301

Bearing Wall Rating-2 Hr.
Finish Rating-66 Min.



1. Nailheads - Exposed or covered with joint finisher.

2. Joints - Exposed or covered with fiber tape and joint finisher. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

3. Nails - 6d cement-coated nails 1-7/8 in. long, 0.0915 in. shank diam., 1/4 in. diam. heads, and 8d cement-coated nails 2-3/8 in. long, 0.113 in. shank diam, 9/32 in. diam. heads.

4. Wallboard, Gypsum* - 5/8 in. thick, two layers applied either horizontally or vertically. Inner layer attached to studs with the 1-7/8 in. nails spaced 6 in. O.C. Outer layer attached to studs over inner layer with the 2-3/8 in. long nails spaced 8 in. O.C. Vertical joints located over studs. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side.

Canadian Gypsum Co., Ltd. - Types C, SCX, SHX, WRX.
Celotex Corp. - Type I or FAP.
Domtar Gypsum - Type C, 4 or 9.
Gold Bond Building Products - Types FSK, FSK-G, -4, FSW, FSW-G, or -4.
James Hardie Gypsum - Type Fire X.
Pabco Gypsum, A Div. of Pacific Coast Bldg. Products, Inc. - Types PG-2, -3, -3W, -3WS, -4 or -6.
Standard Gypsum Corp. - Type SGC or SGC-G.
United States Gypsum Co. - Type C, IP-X1, IP-X2, SCX, SHC, SHX, WRX-C, or WRX.

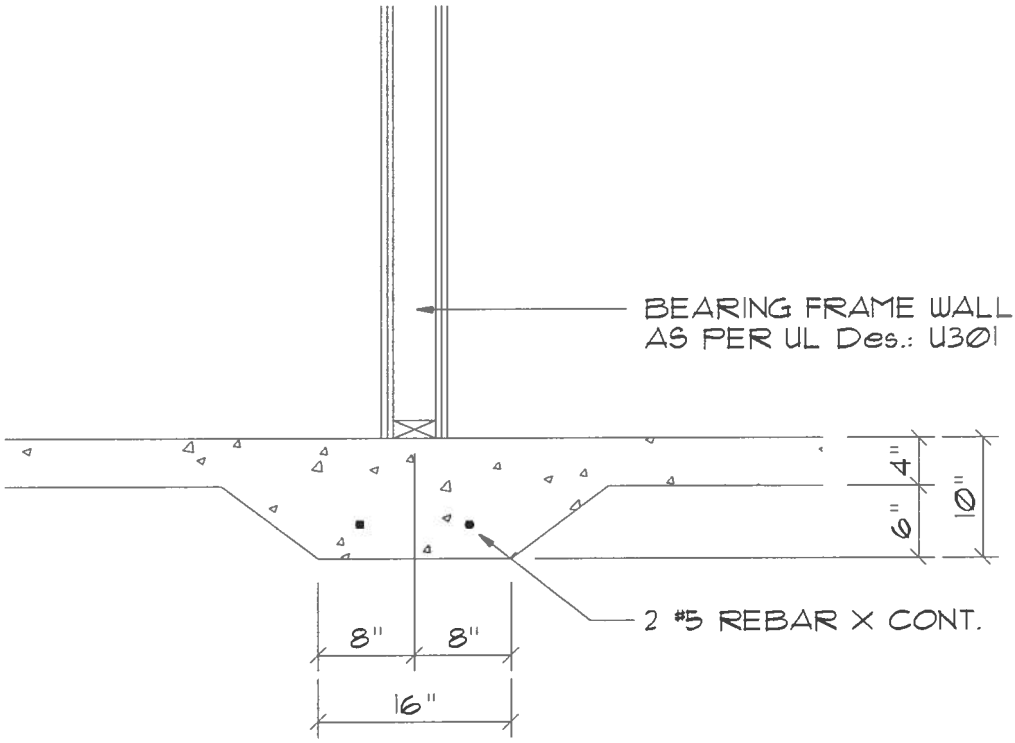
*Bearing the UL Classification Marking

RE: NEW FACILITIES for COUNTRY COMFORT AIR CONDITIONING
PERMIT Nr.: _____

25 Sep 2017

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021



Footing DETAIL

SCALE: 3/4" = 1'-0"

RE: NEW FACILITIES for COUNTRY COMFORT AIR CONDITIONING
PERMIT Nr.: _____

25 Sep 2007

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625 • Lake City, FL 32056 • (386) 755-3633 • Fax (386) 752-5456

2230 Greensboro Hwy
Quincy, FL 3235
(850) 442-3495 • Fax (850) 442-400
4784 Rosselle St
Jacksonville, FL 3225
(904) 381-8901 • Fax (904) 381-890

REPORT OF DAILY CONSTRUCTION TESTING AND MONITORING

Client Country Comfort Heating + A/C
Project Metal Warehouse Building
Contractor

Date 9/26/07
Job. No 07-273
Technician C. Day

WORK ORDER:

☑ DENSITY
Spec's: 95%
Test No.: 1-4
Inches: 12"

☐ CONCRETE
☐ Cylinders
☐ Beams
☐ Prisms
☐ Pick-Up
Set No.

☐ Pick-Up Proctor

☐ Pick-Up LBR

DESCRIPTION OF DAYS ACTIVITIES:

Performed 4 density tests on building pad.

07 09-50 JOC
Chris Williams
397-5731

Time Out: 7:15 A
Time In: 8:00 A

FDT's Performed (4)
Cyls Cast/Cal-Tech
Cyls Cast/Client
Beams Cast/Cal-Tech:

Weather:
Hours Worked: .50
Other Tests:

Hours Travel: .25
Miles Travel:
Hours Standby:
Hours O.T.:

Chad Day
FIELD REPRESENTATIVE

CLIENT REPRESENTATIVE

Cal-Tech Testing, Inc.

• Engineering
• Geotechnical
• Environmental
Laboratories

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
4784 Rosselle St., Jacksonville, FL 32254 • Tel(904)381-8901 • Fax(904)381-8902
2230 Greensboro Hwy • Quincy, FL 32351 • Tel(850)442-3495 • Fax(850)442-4008

REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 07-273
DATE TESTED: 9/26/07
DATE REPORTED: 9/26/07

PROJECT: Metal Warehouse Building, Lake City, FL

CLIENT: County Comfort Heating & Air Conditioning, 278 SW Summers Lane, Lake City FL 32025

GENERAL CONTRACTOR: County Comfort Heating & Air Conditioning

EARTHWORK CONTRACTOR: County Comfort Heating & Air Conditioning

INSPECTOR: Chad Day

ASTM METHOD	SOIL USE
(D-2922) Nuclear	BUILDING FILL

SPECIFICATION REQUIREMENTS: 95%

TEST NO.		TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft^3)	MOISTURE PERCENT	DRY DENSITY (lb/ft^3)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1		NW Corner, 20' East x 10' South	12"	111.8	5.8	105.7	06-708-1	109.2	97%
2		SW Corner, 15' North x 20' East	12"	112.8	5.7	106.7	06-708-1	109.2	98%
3		SE Corner, 25' West x 25' North	12"	113.8	7.1	106.3	06-708-1	109.2	97%
4		NE Corner, 25' West x 20' South	12"	113.5	6.5	106.6	06-708-1	109.2	98%

REMARKS: The Above Tests Meet Specification Requirements.

PROCTORS

PROCTOR NO.		SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft^3)	OPT. MOIST.	TYPE
06-708-1		Grey Silty Fine Sand (Timberland Estates)	109.2	11.7	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda Creamer

Linda M. Creamer
President - CEO

Reviewed By:

Date: 9/26/07
Licensed, Florida No: 57842

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

#26279

THIS INSTRUMENT PREPARED BY:

CAMPUS USA CREDIT UNION
Attn: David Barber
POST OFFICE BOX 147029
GAINESVILLE, FL 32614-7029

Inst:200712020235 Date:9/6/2007 Time 10:53 AM
DC,P.DeWitt Cason ,Columbia County Page 1

PERMIT NO. _____ TAX FOLIO NO.: 08036-001

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

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.

1. PROPERTY DESCRIPTION:

COMM NW COR OF SEC, RUN E 330.17 FT, S 257.48 FT TO S R/W OF SUMMERS RD, NW ALONG R/W 5.77 FT, SW 157.55 FT. TO POB, CONT SW 193.56 FT, EAST 205.44 FT, NE 173.94 FT, NW 264.87 FT TO POB (LEGAL FROM SURVEY PARCEL "B" ORB 854-792 856-1670, 866-331

2. GENERAL DESCRIPTION OF IMPROVEMENTS: 6,000 s.f. Metal Building
3. OWNER INFORMATION:
   A. Name and Address: Christopher A. and Lacrecia K. Williams, 2715 NW Noegel Rd., Wellborn, FL 32094
   B. Interest In Property: Fee Simple
4. CONTRACTOR: Seth Heitzman Construction, Inc., P.O. Box 3642, Lake City, FL 32056
5. SURETY: N/A
6. LENDER: Campus USA Credit Union, 2511 NW 41st St., Gainesville, FL 32606
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1) (a) 7., Florida Statutes: None
8. In addition to himself, Owner designates Campus USA Credit Union, 2511 NW 41st St., Gainesville, FL 32606, to receive a copy of the Lienor's Notice as provided in Section 713.13(1) (b), Florida Statutes.
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

SIGNATURE OF OWNER:

Christopher A. Williams

Lacrecia K. Williams

The foregoing instrument was acknowledged before me this 6 day of September 2007, by Christopher A. Williams, ✓ who was personally to me or provided the following identification: _____.

SCOTT THOMAS MOORE
MY COMMISSION # DD 695342
EXPIRES: November 16, 2011
Bonded Thru Notary Public Underwriters

Notary Public
My Commission Expires:

The foregoing instrument was acknowledged before me this 6th day of September 2007, by Lacrecia K. Williams, ✓ who was personally to me or provided the following identification: _____.

GENEVIEVE W REGISTER
Comm# DD0257418
Expires 11/4/2007
Bonded thru (800)432-4254
Florida Notary Assn., Inc

Notary Public
My Commission Expires:

Product Approval
USER: Public User

FL #	FL5190
Application Type	New
Code Version	2004
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Wheeling Corrugating Company
Address/Phone/Email	1134 Market Street Wheeling, WV 26003
Authorized Signature	James L. Buckner, P.E. @ C-Buck, Inc. jimmy@cbuckinc.net
Technical Representative	David W. Boltz
Address/Phone/Email	1134 Market Street Wheeling, WV 26003 boltzdw@wpsc.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Roofing
Subcategory	Metal Roofing
Compliance Method	Evaluation Report from a Florida Registered Licensed Florida Professional Engineer ✓ Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	James L. Buckner

Florida License	PE-31242
Quality Assurance Entity	Underwriters Laboratories Inc.
Validated By	Warren W. Schaefer, P.E.
Certificate of Independence	
Referenced Standard and Year (of Standard)	**Standard** UL 580 with 1998 Revisions
Equivalence of Product Standards Certified By	
Sections from the Code	1507.4
Product Approval Method	Method 1 Option D
Date Submitted	09/01/2005
Date Validated	09/23/2005
Date Pending FBC Approval	10/01/2005
Date Approved	10/11/2005

Summary of Products

FL #	Model, Number or Name	Description
5190.1	1- "5-V"	Minimum 29 Gauge Steel, Maximum 24 Attached to Wood Deck

Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Design Uplift Pressure = -52.5 psf. The required design wind loads shall be determined for each project. The maximum fastener spacing listed herein shall not be exceeded. All rational analysis computations shall be prepared by a qualified design professional, as required by Florida Building Code, Section 105. This product is not approved for use in the High Velocity Hurricane Zone. Refer to Evaluation Report.	**Installation Instructions** Verified By: **Evaluation Reports** PTID_5190_T_1-5V_24in_29GaSteelOnWood_EVALREPO PTID_5190_T_2-5V_24in_26GaSteelOnWood_EVALREPO PTID_5190_T_3-CenturyDrain_36in_29GaSteelOnWood_ PTID_5190_T_4-CenturyDrain_36in_26GaSteelOnWood_ PTID_5190_T_5-RPanel_36in_29GaSteelOnWood_EVALR PTID_5190_T_6-RPanel_36in_26GaSteelOnWood_EVALR PTID_5190_T_7-LocSeam_16in_26GaSteelOnWood_EVA PTID_5190_T_8-LocSeam_12in_26GaSteelOnWood_EVA

		PTID_5190_T_NS-CertOfIndepAndQA.p
5190.2	2- "5-V"	Minimum 26 Gauge Steel, Maxir Panel Attached to Wood Deck
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Design Uplift Pressure = -90 psf. The required design wind loads shall be determined for each project. The maximum fastener spacing listed herein shall not be exceeded. All rational analysis computations shall be prepared by a qualified design professional, as required by Florida Building Code, Section 105. This product is not approved for use in the High Velocity Hurricane Zone. Refer to Evaluation Report.		**Installation Instructions** Verified By: **Evaluation Reports**
5190.3	3- "Centurydrain"	Minimum 29 Gauge Steel, Maxir Panel Attached to Wood Deck
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Design Uplift Pressure = -52.5 psf. The required design wind loads shall be determined for each project. The maximum fastener spacing listed herein shall not be exceeded. All rational analysis computations shall be prepared by a qualified design professional, as required by Florida Building Code, Section 105. This product is not approved for use in the High Velocity Hurricane Zone. Refer to Evaluation Report.		**Installation Instructions** Verified By: **Evaluation Reports**
5190.4	4- "Centurydrain"	Minimum 26 Gauge Steel, Maxir Panel Attached to Wood Deck
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Design Uplift Pressure = -70 psf. The required design wind loads shall be determined for each project. The maximum fastener spacing listed herein shall not be exceeded. All rational analysis computations shall be prepared by a qualified design professional, as required by Florida Building Code, Section 105. This product is not approved for use in the High Velocity Hurricane Zone. Refer to Evaluation Report.		**Installation Instructions** Verified By: **Evaluation Reports**

5190.5	5- "R-Panel"	Minimum 29 Gauge Steel, Maxir Panel Attached to Wood Deck
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Design Uplift Pressure = -52.5 psf. The required design wind loads shall be determined for each project. The maximum fastener spacing listed herein shall not be exceeded. All rational analysis computations shall be prepared by a qualified design professional, as required by Florida Building Code, Section 105. This product is not approved for use in the High Velocity Hurricane Zone. Refer to Evaluation Report.		**Installation Instructions** Verified By: **Evaluation Reports**
5190.6	6- "R-Panel"	Minimum 26 Gauge Steel, Maxir Panel Attached to Wood Deck
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Design Uplift Pressure = -87.5 psf. The required design wind loads shall be determined for each project. The maximum fastener spacing listed herein shall not be exceeded. All rational analysis computations shall be prepared by a qualified design professional, as required by Florida Building Code, Section 105. This product is not approved for use in the High Velocity Hurricane Zone. Refer to Evaluation Report.		**Installation Instructions** Verified By: **Evaluation Reports**
5190.7	7- "Loc-Seam"	Minimum 26 Gauge Steel, 12"-1 Attached to Wood Deck
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Design Uplift Pressure = -52.5 psf. The required design wind loads shall be determined for each project. The maximum fastener spacing listed herein shall not be exceeded. All rational analysis computations shall be prepared by a qualified design professional, as required by Florida Building Code, Section 105. This product is not approved for use in the High Velocity Hurricane Zone. Refer to Evaluation Report.		**Installation Instructions** Verified By: **Evaluation Reports**
5190.8	8- "Loc-Seam"	Minimum 26 Gauge Steel, Maxir Panel Attached to Wood Deck

Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Design Uplift Pressure = -70 psf. The required design wind loads shall be determined for each project. The maximum fastener spacing listed herein shall not be exceeded. All rational analysis computations shall be prepared by a qualified design professional, as required by Florida Building Code, Section 105. This product is not approved for use in the High Velocity Hurricane Zone. Refer to Evaluation Report.	**Installation Instructions** Verified By: **Evaluation Reports**

Back Next

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436
© 2000-2005 The State of Florida. All rights reserved. Copyright and Disclaimer
Product Approval Accepts:

 fixed glass

Product Approval
USER: Public User

FL #	FL44-R3
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Florida Extruders International, Inc.
Address/Phone/Email	2540 Jewett Lane Sanford, FL 32771 (407) 323-3300 ext 340 ramoruso.pe@floridaextruders.com
Authorized Signature	Robert Amoruso ramoruso.pe@floridaextruders.com
Technical Representative	Robert J. Amoruso
Address/Phone/Email	2540 Jewett Lane Snaford, FL 32828 (407) 323-3300 ramoruso.pe @floridaextruders.com

Quality Assurance Representative	Kirby Osteen
Address/Phone/Email	2540 Jewett Lane Sanford, FL 32771 (407) 323-3300 ramoruso.pe@floridaextruders.com
Category	Windows
Subcategory	Fixed
Compliance Method	Certification Mark or Listing
Certification Agency	Intertek Testing Services - ETL/Warnock Hersey

Referenced Standard and Year (of Standard)

Standard	Year
ANSI/AAMA/NWWDA 101/I.S. 2	1997
ANSI/AAMA/NWWDA 101/I.S. 2	1997
SBCCI SSTD 12	1999
SBCCI SSTD 12	1999

Equivalence of Product Standards Certified By	
Sections from the Code	1609.1.4 1714.5.2.1 R301.2.1.2 R613.3.1
Product Approval Method	Method 1 Option A

Date Submitted	12/27/2005
Date Validated	12/27/2005
Date Pending FBC Approval	01/05/2006
Date Approved	02/07/2006

Summary of Products

FL #	Model, Number or Name	Description
44.1	Milestone – Series 1000 Fixed Window	Aluminum Fixed Window with non- impact resistant glazing
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 1) The windows shall be installed in accordance with the Manufacturer's Installation Drawings. 2) Fastener Size, Type and Spacing are determined by the type of construction per the Manufacturer's Installation Drawings. 3) The windows and patio doors shall not be installed in areas where the applied transverse wind loads exceed the allowable design pressure based on the following: fastener type and spacing on the installation drawings, test report design pressure and/or glass load resistance determined from ASTM E-1300. 4) MILESTONE Non-Impact Resistant Windows have not been evaluated for use in High Velocity Hurricane Zones (Broward and Dade Counties) or in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential and shall not be used in the HVHZ. See Item 5 for exception. 5) MILESTONE Non-Impact Resistant		**Certification Agency Certificate** **Installation Instructions** PTID_44_R3_I_2001to2004_FBC_Comparison.pdf PTID_44_R3_I_Fixed_Widow_Listing_Reports_ATM.pdf PTID_44_R3_I_FL44-F_InstallationDrawing.pdf Verified By:

Windows may be used in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential that lie outside the High Velocity Hurricane Zones (Broward and Dade counties) if a Florida Building Code approved shutter assembly is employed to protect the window in accordance with applicable FBC Code Sections. 6) Performance Ratings and Certification Agency Listing No. R50 (DSB) (4′ 0″ x 4′ 0″ - Listing No. 16742-3A) C60 (3/16) (5′ 0″ x 6′ 0″ - Listing No. 16742-3A) C70 (1/4) (6′ 0″ x 6′ 0″ - Listing No. 16742-3A)	

44.2	Milestone – Series 1000 Fixed Window (Impact)	Aluminum Fixed Window with impact resistant glazing
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 1) The windows shall be installed in accordance with the Manufacturer's Installation Drawings. 2) Fastener Size, Type and Spacing are determined by the type of construction per the Manufacturer's Installation Drawings. 3) The windows and patio doors shall not be installed in areas where the applied transverse wind loads exceed the allowable design pressure based on the following: fastener type and spacing on the installation drawings, test report design pressure and/or glass load resistance determined from ASTM E-1300. 4) MILESTONE Impact Resistant Windows have not been evaluated for use in High Velocity Hurricane Zones (Broward and Dade Counties) as defined in the 2001 Florida Building Code, 2004		**Certification Agency Certificate** **Installation Instructions** Verified By:

Florida Building Code-Building and 2004 Florida Building Code-Residential and shall not be used in the HVHZ. 5) MILESTONE Impact Resistant Windows have been evaluated for use in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential that lie outside the High Velocity Hurricane Zones (Broward and Dade counties). 6) Performance Ratings and Certification Agency Listing No. R/C60 (6' 0" x 5' 0" - Listing No. 16742-3B) R/C60 (6' 2" x 4' 0" - Listing No. 16742-3B) R/C60 (12' 0" x 2' 0" - Listing No. 16742-3B	

44.3	Milestone – Series 2000 Fixed Window	Aluminum Fixed Window with non- impact resistant glazing
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 1) The windows shall be installed in accordance with the Manufacturer's Installation Drawings. 2) Fastener Size, Type and Spacing are determined by the type of construction per the Manufacturer's Installation Drawings. 3) The windows and patio doors shall not be installed in areas where the applied transverse wind loads exceed the allowable design pressure based on the following: fastener type and spacing on the installation drawings, test report design pressure and/or glass load resistance determined from ASTM E-1300. 4) MILESTONE Non-Impact Resistant Windows have not been evaluated for use in High Velocity Hurricane Zones (Broward and Dade		**Certification Agency Certificate** **Installation Instructions** Verified By:

Counties) or in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential and shall not be used in the HVHZ. See Item 5 for exception. 5) MILESTONE Non-Impact Resistant Windows may be used in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential that lie outside the High Velocity Hurricane Zones (Broward and Dade counties) if a Florida Building Code approved shutter assembly is employed to protect the window in accordance with applicable FBC Code Sections. 6) Performance Ratings and Certification Agency Listing No. R50 (DSB) (4' 0" x 4' 0" - Listing No. 16742-3C) C60 (3/16) (5' 0" x 6' 0" - Listing No. 16742-3C) C70 (1/4) (6' 0" x 6' 0" - Listing No. 16742-3C)	

44.4	Milestone – Series 2000 Fixed Window (Impact)	Aluminum Fixed Window with impact resistant glazing
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 1) The windows shall be installed in accordance with the Manufacturer's Installation Drawings. 2) Fastener Size, Type and Spacing are determined by the type of construction per the Manufacturer's Installation Drawings. 3) The windows and patio doors shall not be installed in areas where the applied transverse wind loads exceed the allowable design pressure based on the following: fastener type and spacing on the installation drawings, test report design pressure		**Certification Agency Certificate** **Installation Instructions** Verified By:

and/or glass load resistance determined from ASTM E-1300. 4) MILESTONE Impact Resistant Windows have not been evaluated for use in High Velocity Hurricane Zones (Broward and Dade Counties) as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential and shall not be used in the HVHZ. 5) MILESTONE Impact Resistant Windows have been evaluated for use in Wind-Borne Debris Regions as defined in the 2001 Florida Building Code, 2004 Florida Building Code-Building and 2004 Florida Building Code-Residential that lie outside the High Velocity Hurricane Zones (Broward and Dade counties). 6) Performance Ratings and Certification Agency Listing No. R/C60 (6′ 0″ x 5′ 0″ - Listing No. 16742-3D) R/C60 (6′ 2″ x 4′ 0″ - Listing No. 16742-3D) R/C60 (12′ 0″ x 2′ 0″ - Listing No. 16742-3D)	

Back Next

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436
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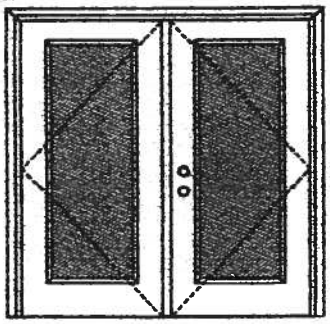
Product Approval Accepts:

XX
Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door
Minimum unit size = 6'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed -- see MAD-WL-MA0012-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed -- see MID-WL-MA0002-02.

APPROVED DOOR STYLES:

1/4 GLASS:


100 Series


133, 135 Series


136 Series


680 Series


822 Series

1/2 GLASS:


105 Series*

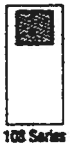

106, 160 Series*


129 Series*


200 Series*


12 RA, 23 RA, 24 RA Series*


107 Series*


108 Series


304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson EntrySystems

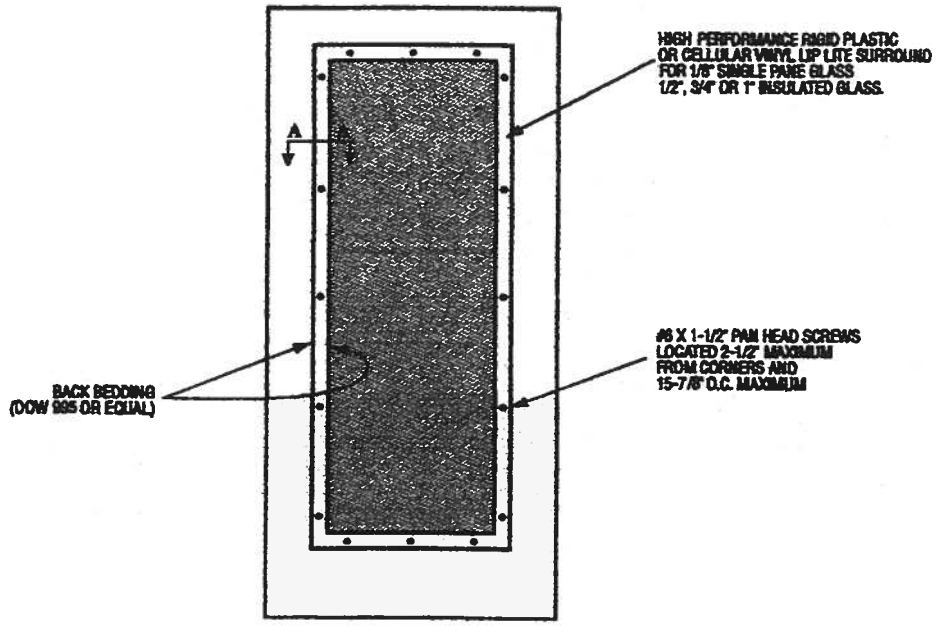
March 29, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMDOR Collection Premium Quality Doors

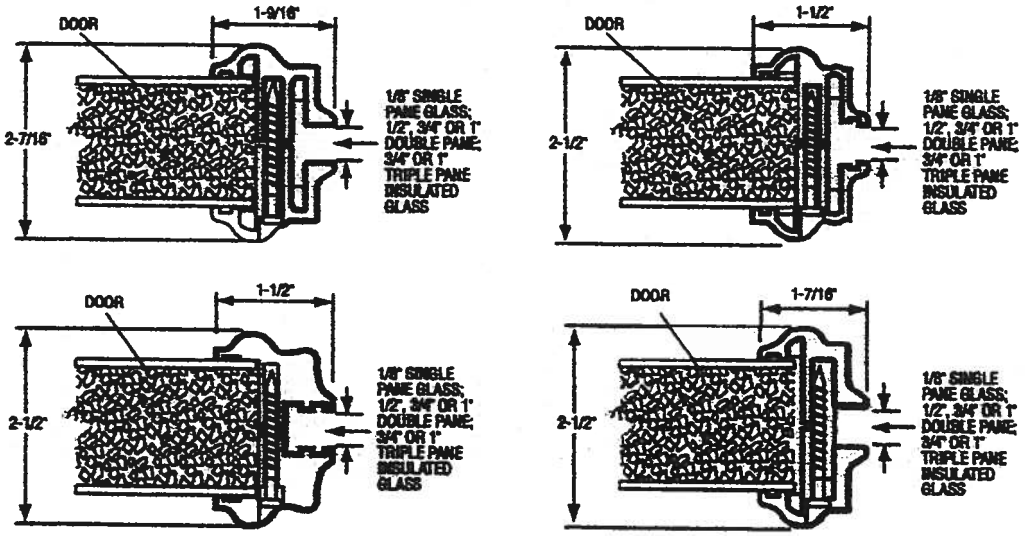
Exclusively from Masonite
Masonite International Corporation

MAD-WL-MA0041-02

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A
TYPICAL RIGID PLASTIC LIP LITE SURROUND



March 29, 2002
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PREMDOR Collection Premium Quality Doors
Exclusively from Masonite
Masonite International Corporation

XX
Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:


404 Series


416 Series


450 Series

FULL GLASS:


109 Series


114, 120, 122 Series


152 Series


149 Series


500 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Johnson EntrySystems

March 29, 2002
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PREMDOR Collection Premium Quality Doors

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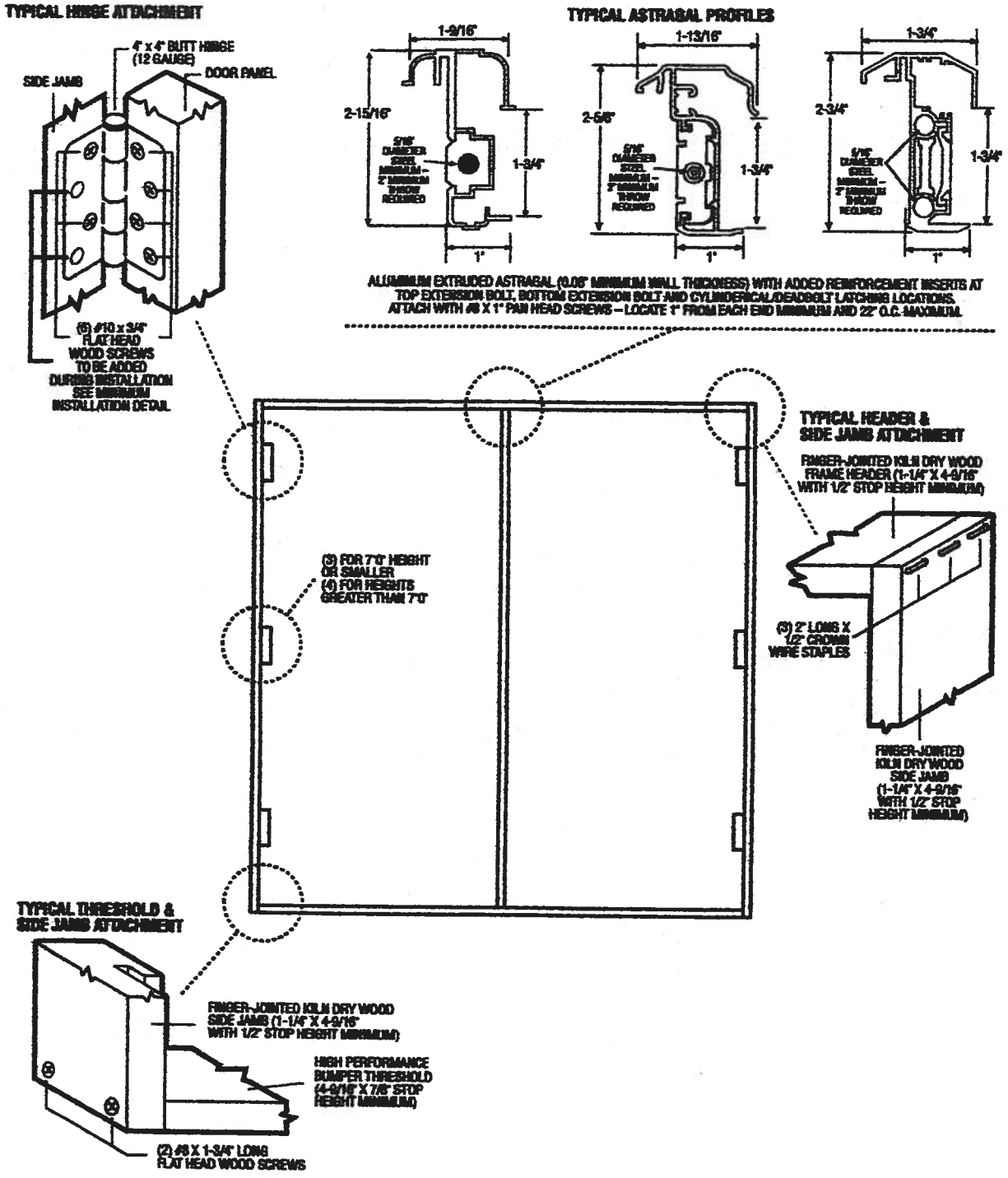
Masonite International Corporation

XX
Unit

MAD-WL-MA0012-02

OUTSWING UNITS WITH DOUBLE DOOR



March 29, 2002
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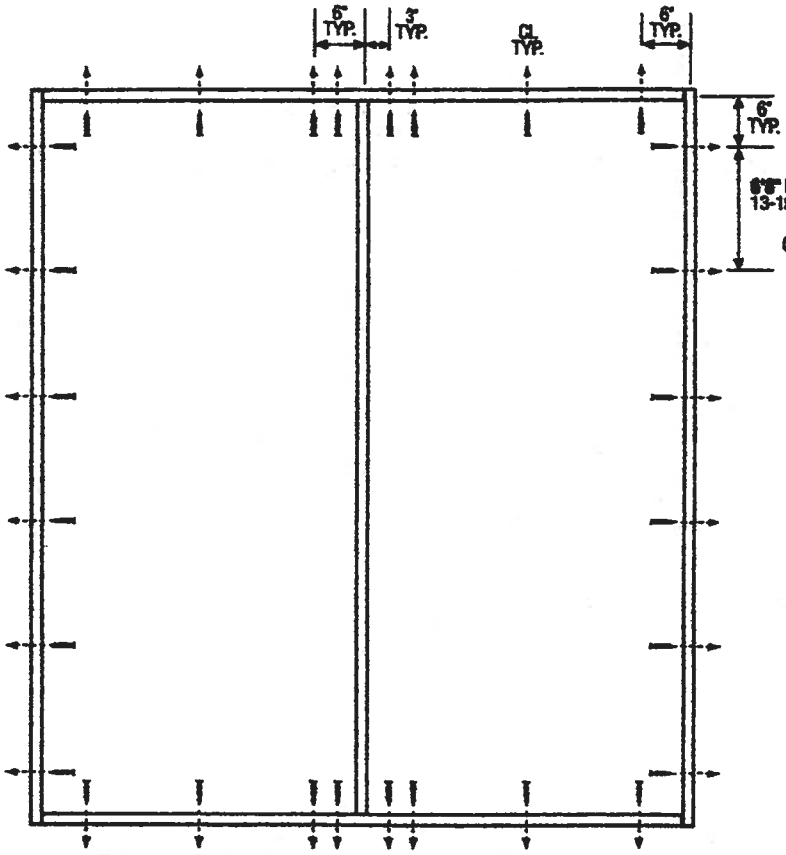
XX
Unit

MID-WL-MA0002-02

DOUBLE DOOR



Minimum Fastener Count

- 6 per vertical framing member
- 8 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Latching Hardware:

- Compliance requires that GRADE 2 or better (ANSI/BHMA A156.2) cylinderical and deadlock hardware be installed.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade Country approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

March 29, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

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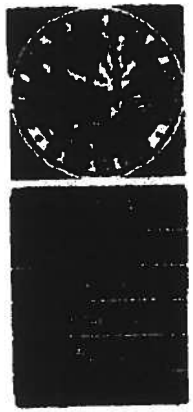
Masonite International Corporation

Florida Building Code Online



FLORIDA BUILDING CODE

Overview | User Registration | Organization Registration | User Authorization | Organization Search | Organization Accreditation

Select the organization type, status, or name to find an organization

Organization Type: Product Manufacturer

Approval Status: (ALL)

Organization Name: General American Door - Product Manufacturer

Cancel Search

Result List for Organizations

Displaying 1-1 of 1

Name	City	Contact	Phone	Type	Expire	Status
General American Door	Montgomery	James Campbell	6308593000	Product Manufacturer	01/01/2099	Approved
Org Code: PDM System ID: 3585			Site Link: www.gadco.com			

Displaying 1-1 of 1

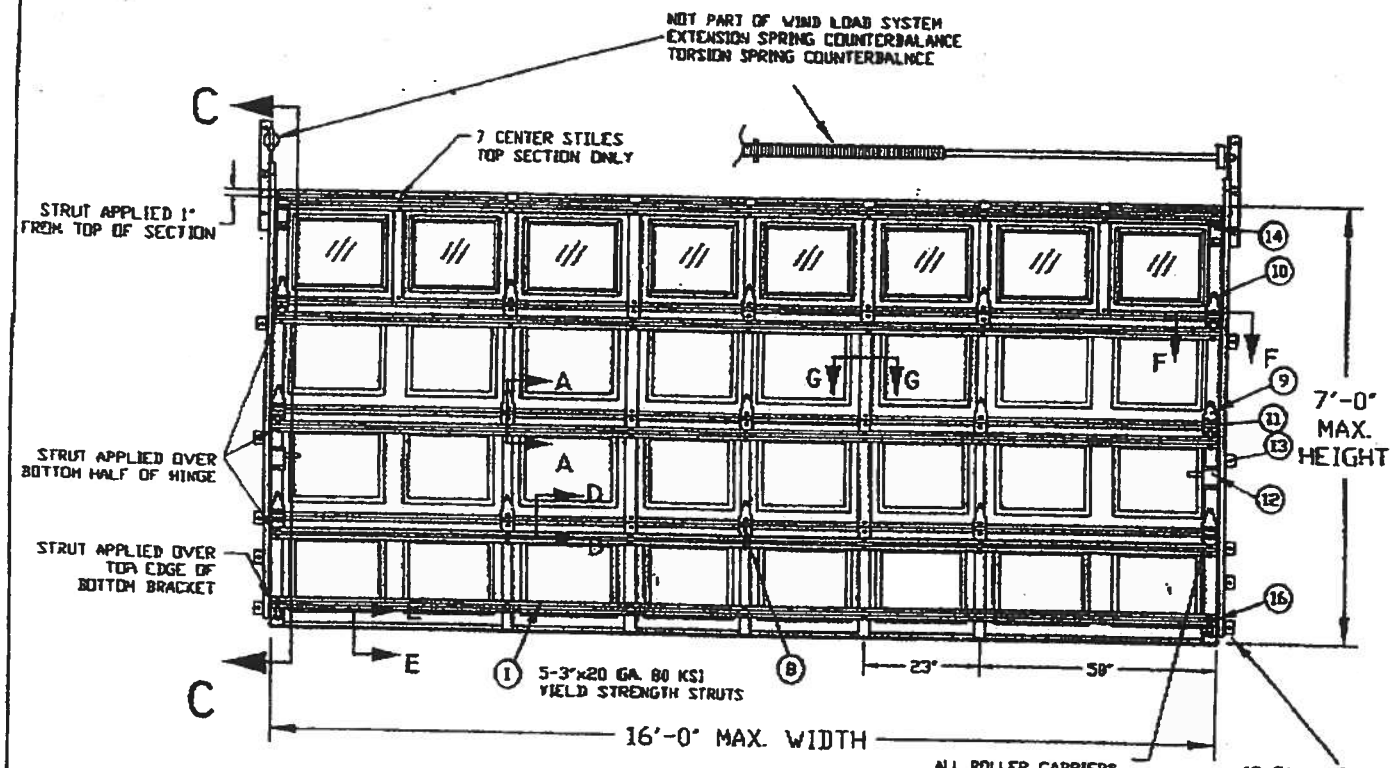
FROM :Columbia Door Company FAX NO. :386-754-9993 Jun. 28 2004 07:37AM P1

FROM :Columbia Door Company FAX NO. :386-754-9993 Jun. 28 2004 07:38AM P2

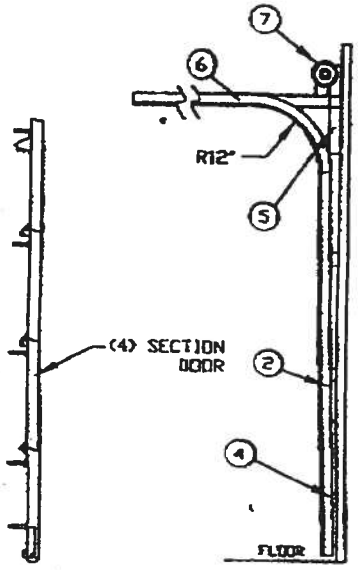
REV.	DATE	BY	DESCRIPTION
A-A	11-10-00	DW	SEE E.C.N. 831

NOTES:

1. TESTED TO POSITIVE AND NEGATIVE 20 PSF DESIGN AND POSITIVE AND NEGATIVE 30 PSF TEST PRESSURES PER ASTM E-330
2. MAXIMUM SECTION HEIGHT= 21"
3. SECTION HEIGHTS OF 21.00" AND 19.50" ARE AVAILABLE AND MAY BE USED IN ANY COMBINATION TO ACHIEVE VARIOUS DOOR HEIGHTS.
4. WINDOWS MAY BE INSTALLED IN THE TOP SECTION (AS TESTED WITH 1/8" DSB GLASS OR EQUIVALENT) OR IN THE SECTION IMMEDIATELY BELOW THE TOP SECTION.
5. MINIMUM LENGTH OF ROLLER STEM IS 5½" (7" AS TESTED)
6. THE STRUT PLACEMENT ON DOOR MUST BE CONSISTENT WITH THE DOOR SHOWN.
7. STRUTS SECURED AT ALL LOCATIONS WITH TEK SCREWS.
8. QUANTITY OF SIDE LOCKS CAN BE 0,1, OR 2 AS TESTED.
9. (A) DROP IN TYPE OF INSULATION IS OPTIONAL



INSIDE ELEVATION



SEC C-C
VERTICAL TRACK, (16 GA.)

The seal on this drawing only certifies that the product(s) illustrated and described herein represent the configuration(s) of dimensions and installation(s) of the door as tested.

NORTH CAROLINA PROFESSIONAL ENGINEER WALTER R KEEVAN SEAL PE No. 024280

LISTED SBCCI PST & ESI REPORT No. 2202

TEST REPORTS ON FILE VIDEO 10/19/00 (00293)

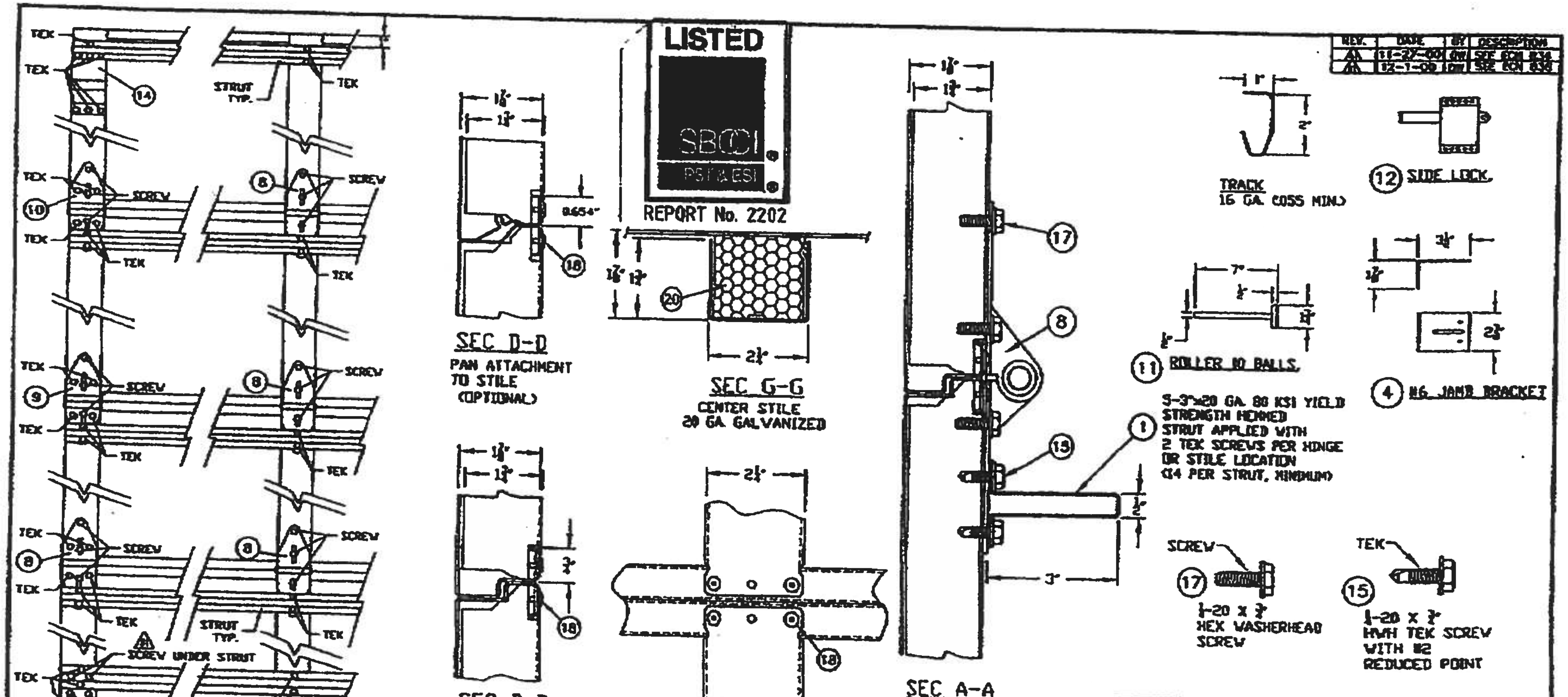
DESIGN LOAD +20.0 PSF & -20.0 PSF
TEST LOAD +30.0 PSF & -30.0 PSF

GADCO DOORS
SERIES 7400, EXTERIOR STEEL =.017 MIN (AS TESTED)
SERIES 7825, EXTERIOR STEEL =.019" MIN (A)
SERIES 7524, EXTERIOR STEEL =.024" MIN (A)
(TESTED WITH WINDOWS

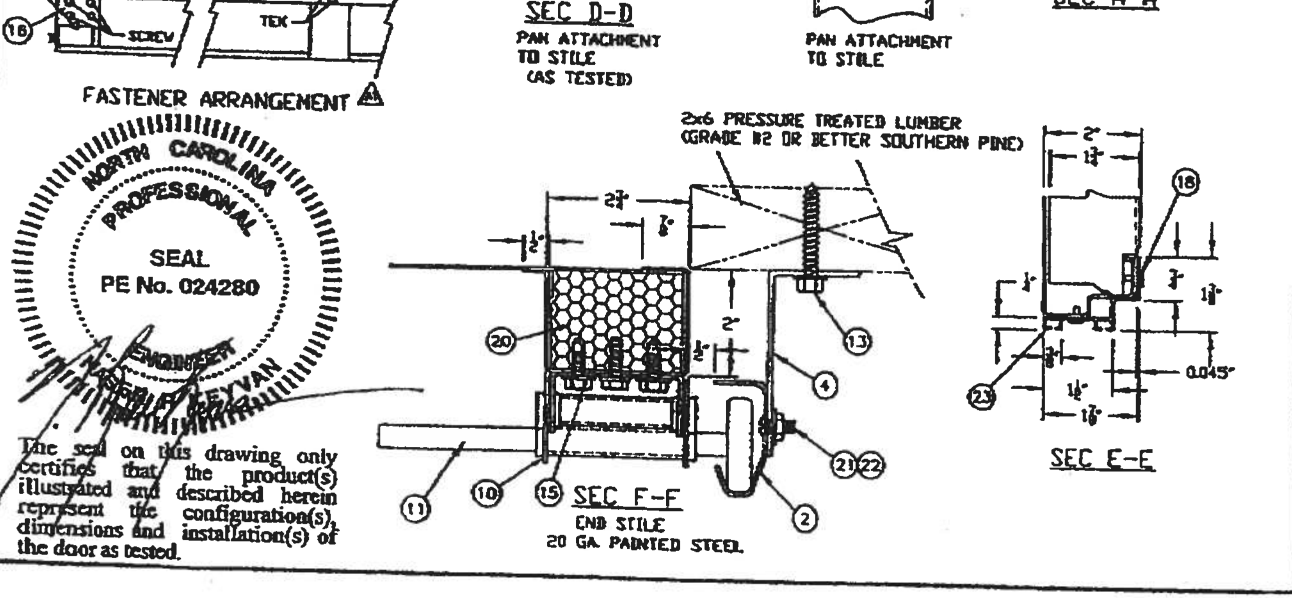
MAXIMUM DOOR WIDTH	MAXIMUM DOOR HEIGHT	TYPICAL CTR. STILE SPACING	STRUTS 80 KSI SIZE	STRUTS 80 KSI QTY.	VERTICAL TRACK
16'	7'	23"	3"	5	2 IN.

GADCO
GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

SCALE: 1/3 | APPROVED BY: | DRAWN BY: B WIEDMAN
DATE: 10-20-00 | REVISED: (A) 11-10-00
DESCRIPTION: 16' X 7' MAX. RAISED PANEL STEEL DOOR -WINDLOAD ±20 PSF
PART NUMBER: PAGE 1 OF 2 | DRAWING NUMBER: W13220-1



REV.	DATE	BY	DESCRIPTION
A	11-27-00	DW	SEE ECN 834
A	12-1-00	DW	SEE ECN 836



The seal on this drawing only certifies that the product(s) illustrated and described herein represent the configuration(s), dimensions and installation(s) of the door as tested.

ITEM	PART NO.	DESCRIPTION
23	3485	BOTTOM RAIL, 6063 T6 ALUM EXT.
22	1391	1/4"-20 X 3/8" RIBBED NECK SCREW
21	4044	1/4"-20 SERRATED FLANGE NUT
20		LLB DENSITY FILLER BLOCK EPS
19		
18	4383	POP RIVET, 3/32" STEEL
17	4229	HEX WASHERHEAD SCREW 1/4"-20 X 3/4"
16	1399LLR	BOTTOM ROLLER BRACKET
15	0138	HWH TEK SCREW 1/4-20 X 3/4 W/ REDUCED PT.
14	3875	TOP SUPPORT BRACKET
13	4043	5/16" X 1-5/8" LAG SCREW
12	4710	SIDE LOCK
11	4306	LONG STEM ROLLER 2"
10	4203	ROLLER CARRIER HINGE #3 (14 GA)
9	4202	ROLLER CARRIER HINGE #2 (14 GA)
8	4201	ROLLER CARRIER HINGE #1 (14 GA)
7		COUNTER BALANCE (TORSION BAR & SPRINGS)
6		HORIZONTAL TRACK & ANGLE (16 GA)
5		VERTICAL FLAG ANGLE
4	4585-6	TRACK BRACKET #6 (12 GA)
3		
2		VERTICAL TRACK (16 GA)
1		3" HEMMED STRUT (20 GA) MIN. YIELD STR. 80KSI

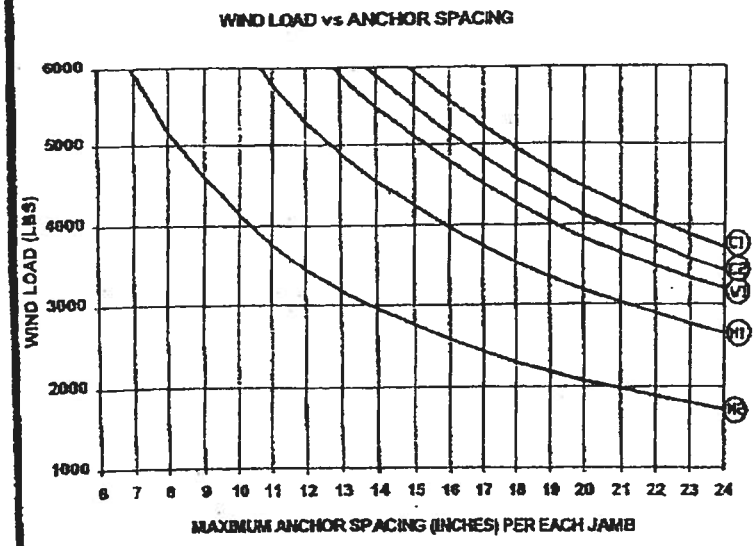
GADCO®
GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

SCALE: NONE | APPROVED BY: | DRAWN BY: D. VIEDMAN
DATE: 11-7-00 | REVISED: (B) 12-1-00

DESCRIPTION: 16' X 7' MAX. RAISED PANEL STEEL DOOR-WINDLOAD ±20 PSF

PAGE 2 OF 2 | DRAWING NUMBER: W13220-2

FROM :Columbia Door Company FAX NO. :386-754-9993 Jun. 28 2004 07:39AM P4



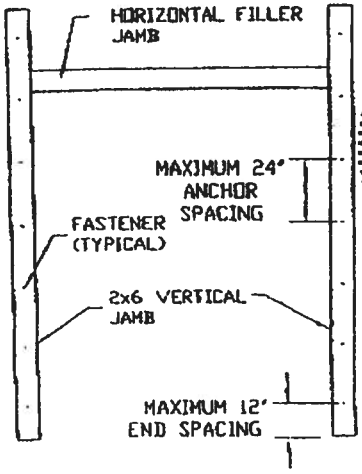
DESIGN LOAD $\frac{(LBS)}{FT^2}$ X GARAGE DOOR AREA(WIDTH-FT X HEIGHT-FT) = WIND LOAD(LBS)

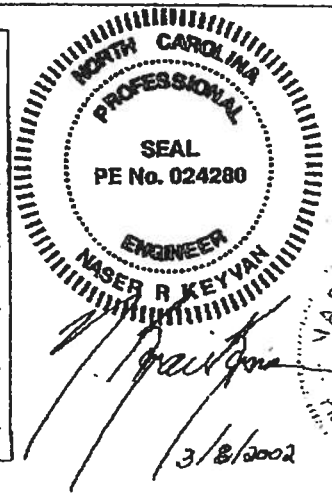
EXAMPLE

$\frac{30\ LBS}{FT^2}$ X (16 FT WIDE X 8 FT HIGH) = 3840 LBS

- C1 USE 22" SPACING
- C2 USE 21" SPACING
- W1 USE 19" SPACING
- M1 USE 16" SPACING
- M2 USE 10" SPACING

SEE NOTE 11 FOR ADDITIONAL REQUIRED 2X6 WOOD JAMB ANCHORS





2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

2x6 PRESSURE TREATED (GRADE #2 OR BETTER SOUTHERN PINE) WOOD JAMB SHALL BE ANCHORED TO BUILDING WOOD FRAME, GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS.

NOTES:

1) ALL DOOR OPENING SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT WITH DUE CONSIDERATION GIVEN TO INSTALLATIONS USING CENTER "HURRICANE" POSTS.

2) ALL DOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SBCCI "STANDARD FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION: SSTD 10," CURRENT EDITION.

3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.

4) WOOD FRAME BUILDINGS: STUDS AT EACH SIDE OF DOOR OPENING SHALL BE PROPERLY DESIGNED, CONNECTED, ANCHORED AND SHALL CONSIST OF A MINIMUM OF THREE (3) LAMINATIONS OF 2X6 PRESSURE TREATED SOUTHERN PINE (#2 GRADE OR BETTER) WALL STUDS CONTINUOUS FROM FOOTING TO DOUBLE TOP PLATE.

5) REINFORCED CMU OR CONCRETE: 2X6 WOOD JAMB SHALL BE ANCHORED TO SOLIDLY GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS. ANCHOR SPACING AND EMBEDMENT IS BASED ON CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2150 PSI; GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI; REINFORCED CONCRETE COLUMNS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.

6) EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.

7) ANCHORS FOR CONCRETE AND CONCRETE MASONRY UNITS (CMU) SHALL HAVE A MINIMUM 3" EDGE DISTANCE FROM ALL EDGES OF CONCRETE OR CONCRETE MASONRY UNITS. ANCHORS FOR CONCRETE AND CMU SHALL HAVE A MINIMUM SPACING OF 3-3/4"

8) LAG SCREWS SHALL BE CENTERED IN ONE OF THE 1-1/2" DIMENSION FACES OF THE TRIPLE 2X6 WALL STUDS.

9) WASHERS ARE REQUIRED ON ALL FASTENERS.

10) THE WIND LOAD VS. ANCHOR SPACING CHART IS FOR A MAXIMUM DOOR SIZE OF 18' X 8' AT A MAXIMUM 42 PSF DESIGN WIND LOAD.

11) FOR THE UPPER THREE INDIVIDUAL STEEL JAMB BRACKETS, BRACKETS SHALL BE CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JAMB ANCHORS, ADD AN ADDITIONAL 2X6 WOOD JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO WOOD JAMB ANCHORS.

GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

SCALE: NONE	APPROVED BY:	DRAWN BY: DV
DATE: 8-30-99		REVISED:
DESCRIPTION: JAMB TO STRUCTURE ATTACHMENT FOR WIND LOADED GARAGE DOORS		
	MASTER DRAWING NUMBER: A10560	DRAWING NUMBER

Cal-Tech Testing, Inc.
• Engineering
• Geotechnical
• Environmental
LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625 Tel. (386) 755-3633 • Fax (386) 752-5456
4784 Rosselle Street • Jacksonville, FL 32254 Tel. (904) 381-8901 • Fax (904) 381-8902
2230 Greensboro Hwy • Quincy, FL 32351 Tel. (850) 442-3495 • Fax (850) 442-4008

June 5, 2007

Country Comfort Heating & Air Conditioning
278 SW Summers Lane
Lake City, Florida 32025

Attention: Chris Williams

Reference: Metal Warehouse Building
Lake City, Florida
Cal-Tech Project No. 07-273

Dear Mr. Williams:

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation for the proposed warehouse building in Lake City, Florida. Our work was performed in conjunction with and authorized by you.

Introduction

We understand you will construct a single-story, metal structure covering an area of approximately 6,000 square feet. Support for the structure is to be provided by conventional, shallow spread footings. We expect that the foundation will be a monolithic slab with thickened, "turn down" sections around the perimeter walls. Detailed foundation loads have not been provided; however, we assume column and wall loads will not exceed 40 kips and 4.0 kips per foot, respectively.

The purposes of our investigation were to evaluate the existing subgrade soils for an allowable bearing pressure and to present recommendations for foundation design and construction.

Site Investigation

The subsurface conditions were investigated by performing four (4) Standard Penetration Test borings advanced to a depth of 15 feet. The borings were performed at the approximate locations indicated on the attached Report of Soil Borings and were located in the field by the client.

The Standard Penetration Test (ASTM D-1586) is performed by driving a standard split-barrel sampler into the soil by blows of a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler 1 foot, after seating 6 inches, is designated the penetration resistance, or N-value; this value is an index to soil density or consistency.

Findings

In general, all of the borings initially encountered medium dense fine sands (SP) to a depth of about six feet in Borings B-1 through B-3 and to a depth of about 12 feet in Boring A-4. This was underlain by medium dense clayey fine sands (SC) to the termination depth of 15 feet.

Ground water was encountered at a depth of 7.5 to 9.0 feet, at the time of drilling.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Report of Soil Borings. Note that the transition between soil layers may be gradual and not abrupt as indicated by the logs; therefore, the thickness of soil layers should be considered approximate.

Discussion and Recommendations

The site soils appear to be a little looser near the ground surface and increase in density with depth. Based upon these findings, moderate site improvement should be performed; however, it is our opinion the site soils are suitable to provide support for the building using conventional, shallow spread footings. We recommend that the foundations be sized using a maximum soil bearing pressure of 3,000 psf; however, we recommend foundations have minimum widths of 18 and 24 inches for strip and isolated footings, respectively, even though the allowable soil bearing pressure may not be developed. The bottoms of foundations should be embedded a minimum of 18 inches below the lowest adjacent grade (finished surface grade, for example).

Due to the generally loose condition of the immediate bearing soils, we believe it would be beneficial to proof-roll and then proof-compact the bearing soils in all foundation and floor slab areas. These bearing soils should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of at least 2 feet. Compaction of the bearing soils will reduce settling of the foundations and thereby reduce the likelihood of distress in the structure.

Our evaluation is based upon subsurface conditions encountered at this site and as presented within this report. However, subsurface conditions may exist that differ from our findings. We request that we be notified if substantially different subsurface conditions are encountered.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be further assistance.

Respectfully submitted,
Cal-Tech Testing, Inc.

Linda Creamer, CEO

Linda Creamer
President / CEO

Robert W Clark

Robert W. Clark, P.E. 6/4/07
Geotechnical Engineer
Registered Florida No. 52210

B-1

Water Table: 7.5 ft.

Depth (ft)	N	Soil Description
0 ft		
		Brown, Slightly Silty, Fine Sand, Trace Organ P/SM)
	15	Medium Dense, Grey, Fine Sand (SP)
	18	Medium Dense, Dark Brown, Fine Sand (SP
5 ft	15	Medium Dense, Tan and Brown, Fine Sand (
	18	Medium Dense, Tan and Brown, Fine Sand (ace
		ine Sand,
	14	
	16	
10 ft		Medium Dense, Tannish Brown, Slightly Cla ey, Fine Sand (SP/SC)
		; Fine
	16	Medium Dense, Light Tan, Clayey, Fine Sanc
15 ft		TOB

B-4

Water Table: 8.0 ft.

Depth (ft)	N	Soil Description
0 ft		
	16	Medium Dense, Brown, Slightly Silty, Fine S Organics (SP/SM)
	20	Medium Dense, Brownish Tan, Fine Sand (S
5 ft	19	Medium Dense, Dark Brown, Fine Sand (SP
	22	Medium Dense, Greyish Tan, Fine Sand (SP
	34	Dense, Brown to Dark Brown, Fine Sand (SF
	32	
10 ft		Dense, Greyish Tan, Fine Sand (SP)
		Medium Dense, White, Clayey, Fine Sand (S
	15	
15 ft		TOB

ENGINEERING CLASSIFICATION

GRANULAR MATERIALS-

Relative Density	SPT (Blows/12 inches)
Very Loose	Less than 4
Loose	4-10
Medium Dense	11-30
Dense	31-50
Very Dense	Greater than 50

SILTS AND CLAYS-

Consistency	SPT (Blows/12 inches)
Very Soft	Less than 2
Soft	2-4
Medium Stiff	5-8
Stiff	9-15
Very Stiff	16-30
Hard	Greater than 30

LEGEND:

TOB	Termination of Boring
GSE	Ground Surface Elevation
▽	Ground Water at Time of Drilling
V	Wet Season Water Table
N	Standard Penetration Resistance in Blows Per 12 inches (18- inch Spoon, ASTM D-1586)
WOR	Weight of Rod
WOH	Weight of Hammer
MC	Moisture Content (%)
OC	Organic Content (%)
-200	Percent Passing No. 200 U.S. Standard Sieve
LL	Liquid Limit
PI	Plasticity Index
(SP)	Unified Soil Classification Based on Visual Observation and Laboratory Tests

SAND | SILTY SAND

SAND with SILT | CLAYEY SAND

SAND with CLAY | SANDY CLAY

CLAY | LIMESTONE

MARL | ORGANICS

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DE

OUSE
NG & AIR

JECT I.D.

REPORT OF SOIL BORINGS

SHEET NO.

1 of 1

PRODUCT APPROVAL SPECIFICATION SHEET

Location: Chris Williams **Project Name:**

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s
A. EXTERIOR DOORS			
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up	General American	double Garage	FL 2868
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed	FL Extruders	fixed windows	FL 44-R3
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	Wheeling Corrugating	non-structural metal	FL 5190
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspect

Contractor or Contractor's Authorized Agent Signature

Linda Roder 9-6-07

Print Name Date

443 SW Sisters Welcome

Location

Permit # **(FOR STAFF USE ONLY)**

Chris Williams

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

DAVID POPE
Chairman
Alachua, Florida

DON R. EVERETT, JR.
Vice Chairman
Perry, Florida

SYLVIA J. TATUM
Secretary/Treasurer
Lawtey, Florida

KELBY ANDREWS
Chiefland, Florida

C. LINDEN DAVIDSON
Lamont, Florida

DON R. EVERETT, JR.
Perry, Florida

GEORGIA C. JONES
Lake City, Florida

OLIVER J. LAKE
Lake City, Florida

JOHN P. MAULTSBY
Madison, Florida

LOUIS C. SHIVER
Mayo, Florida

JERRY A. SCARBOROUGH
Executive Director
Live Oak, Florida

June 26, 2007

Christopher Williams
368 SW Sister's Welcome Rd.
Lake City, FL 32025

Subject: Receipt of Environmental Resource Permit Application for Christopher Williams Building - ERP07-0307 - Columbia County

Dear Mr. Williams:

The Suwannee River Water Management District (SRWMD) received your application package on June 25, 2007, for Christopher Williams Building. Your proposed project has been assigned permit number ERP07-0307, and is currently under review by Resource Management staff. You will receive a response from staff within 30 days after receipt of the application package. This is pursuant to Chapter 120.60(1), Florida Statutes.

Please be advised that it is a violation of SRWMD rules to begin any work on the project before this permit is issued. Your submitted application package does not alleviate you from having to obtain all other clearances, permits, or authorization required by any other unit of local, state, or federal government.

Florida Statutes 373.419 states, "Within 30 days after the completion of construction or alteration of any stormwater management system, dam, impoundment, reservoir, appurtenant work, or works, the permittee shall file a written statement of completion with the governing board..." We will enclose the appropriate forms upon issuance of the permit to satisfy the requirement.

If you have any further questions, please contact Irene Meisel at 386/362-1001, or toll free at 800/226-1066. In order to better serve you, please include the permit number in all correspondence.

Sincerely,

Jon Dinges
Director, Resource Management

9225 CR 49 • LIVE OAK, FLORIDA 32060 • TELEPHONE 386/362-1001 • 800/226-1066 • FAX 386/362-1056

COLUMBIA COUNTY BUILDING DEPARTMENT

COMMERCIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 WITH AMENDMENTS

ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INCLUDE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTE 1606 OF THE FLORIDA BUILDING CODE 2001 WITH AMENDMENTS BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SIGNATURE AND SEAL OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED THE STATE OF FLORIDA. THE FOLLOWING BASIC WIND SPEED AS PER SECTION 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75
1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ---------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ---------- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: **Two (2) complete sets of plans containing a floor plan, site plan, foundation pla floor/roof framing plan or truss layout, wall sections and all exterior elevations with the following criteria and documents:**

Applicant	Plans Examiner	
☑	☐	**All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.**
☑	☐	**Designers name and signature on document (FBC 104.2.1) If licensed architect or engineer, official seal shall be affixed.**
☐	☐	**Two (2) Copies of Approved Site Plan**
☐	☐	**Minimum Type Construction (FBC Table 500)**
☑	☐	**Wind Load Engineering Summary, calculations and any details required:** a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC 1. Basic wind speed (MPH) 2. Wind importance factor (I) and building category 3. Wind exposure – if more than one wind exposure is used, the wind exposu and applicable wind direction shall be indicated 4. The applicable internal pressure coefficient 5. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☐	☐	**Fire Resistant Construction Requirements shall include:**
☑	☐	a) Fire resistant separations (listed system)
☑	☐	b) Fire resistant protection for type of construction
☐	☐	c) Protection of openings and penetrations of rated walls (listed systems)
☐	☐	d) Fire blocking and draft-stopping
☐	☐	e) Calculated fire resistance

Fire Suppression Systems shall include: (To be reviewed by Fire Department)

- ☑ ☐ a) Fire sprinklers
- ☐ ☐ b) Fire alarm system (early warning) with name of licensed installer. If not shown on plans or not known at time of permitting, a separate permit shall be required by the licensed installer
- ☐ ☐ c) Smoke evacuation system schematic
- ☐ ☐ d) Stand-pipes
  - Pre-engineered system
  - Riser diagram

Life Safety Systems shall include: (To be reviewed by Fire Department)

- ☐ ☐ a) Occupancy load and egress capacity
- ☐ ☐ b) Early warning
- ☐ ☐ c) Smoke control
- ☐ ☐ d) Stair pressurization
- ☐ ☐ e) Systems schematic

Occupancy Load/Egress Requirements shall include:

- ☐ ☐ a) Occupancy load (gross and net)
- ☐ ☐ b) Means of egress
  - exit access, exit and exit discharge
- ☐ ☐ c) Stair construction/geometry and protection
- ☐ ☐ d) Doors
- ☐ ☐ e) Emergency lighting and exit signs
- ☐ ☐ f) Specific occupancy requirements
  1. Construction requirements
  2. Horizontal exits/exit passageways

Structural Requirements shall include:

- ☐ ☐ a) Soil conditions/analysis
- ☐ ☐ b) Show type of termite treatment (termicide or alternative method)
- ☐ ☐ c) Design loads
- ☐ ☐ d) Wind requirements
- ☐ ☐ e) Building envelope
- ☐ ☐ f) Structural calculations
- ☐ ☐ g) Foundations
- ☐ ☐ h) Wall systems
- ☐ ☐ i) Floor systems
- ☐ ☐ j) Roof systems
- ☐ ☐ k) Threshold inspection plan (if applicable)
- ☐ ☐ l) Stair systems

Materials shall include:

- ☐ ☐ a) Wood
- ☑ ☐ b) Steel
- ☑ ☐ c) Aluminum
- ☐ ☐ d) Concrete
- ☐ ☐ e) Plastic
- ☑ ☐ f) Glass (mfg. Listing for wind zone including details for installation and attachments
- ☑ ☐ g) Masonry
- ☐ ☐ h) Gypsum board and plaster
- ☐ ☐ i) Insulating (mechanical)
- ☑ ☐ j) Roofing (mfg. Listed system for wind zone with installation and attachments)
- ☐ ☐ k) Insulation

Accessibility Requirements shall include:

- ☐ ☐ a) Site requirements
- ☐ ☐ b) Accessible route
- ☐ ☐ c) Vertical accessibility
- ☐ ☐ d) Toilet and bathing facilities
- ☐ ☐ e) Drinking fountains
- ☐ ☐ f) Equipment
- ☐ ☐ g) Special occupancy requirements
- ☐ ☐ h) Fair housing requirements

Interior Requirements shall include:

- ☐ ☐ a) Interior finishes (flame spread/smoke develop)
- ☐ ☐ b) Light and ventilation
- ☐ ☐ c) Sanitation

Special Systems shall include:

- ☐ ☐ a) Elevators
- ☐ ☐ b) Escalators
- ☐ ☐ c) Lifts

Swimming Pools – Commercial – Plans shall be signed and sealed by a Professional Engineer registered in the State of Florida and approved by the Department of Business and Professional Regulation/Health Department Indicating compliance with the Florida Administrative Code, Chapter 64E-9 And Section 424 of the Florida Building Code

Electrical:

- ☑ ☐ a) Electrical wiring, services, feeders and branch circuits, over-current protection, grounding, wiring methods and materials, GFCIs
- ☑ ☐ b) Equipment
- ☐ ☐ c) Special Occupancies
- ☐ ☐ d) Emergency Systems
- ☐ ☐ e) Communication Systems
- ☐ ☐ f) Low Voltage
- ☐ ☐ g) Load calculations
- ☐ ☐ h) Riser diagram

Plumbing:

- ☑ ☐ a) Minimum plumbing facilities
- ☐ ☐ b) Fixture requirements
- ☐ ☐ c) Water supply piping
- ☐ ☐ d) Sanitary drainage
- ☑ ☐ e) Water heaters
- ☐ ☐ f) Vents
- ☐ ☐ g) Roof drainage
- ☐ ☐ h) Back flow prevention
- ☐ ☐ i) Irrigation
- ☐ ☐ j) Location of water supply
- ☐ ☐ k) Grease traps
- ☐ ☐ l) Environmental requirements
- ☐ ☐ m) Plumbing riser

Mechanical:

- ☐ ☐ a) Energy calculation (signed and sealed by Architect or Engineer, registered in the State of Florida)
- ☐ ☐ b) Exhaust systems (clothes dryer exhaust, kitchen equipment exhaust, Specialty equipment exhaust)
- ☐ ☐ c) Equipment
- ☐ ☐ d) Equipment location
- ☐ ☐ e) Make-up air
- ☐ ☐ f) Roof mounted equipment
- ☐ ☐ g) Duct systems
- ☐ ☐ h) Ventilation
- ☐ ☐ i) Combustion air
- ☐ ☐ j) Chimneys, fireplaces and vents
- ☐ ☐ k) Appliances
- ☐ ☐ l) Boilers
- ☐ ☐ m) Refrigeration
- ☐ ☐ n) Bathroom ventilation
- ☐ ☐ o) Laboratory

Gas:

- ☐ ☐ a) Gas piping
- ☐ ☐ b) Venting
- ☐ ☐ c) Combustion air
- ☐ ☐ d) Chimney's and vents
- ☐ ☐ e) Appliances
- ☐ ☐ f) Type of gas
- ☐ ☐ g) Fireplaces
- ☐ ☐ h) LP tank locations
- ☐ ☐ i) Riser diagram/shut offs

☐ ☐ **Disclosure Statement for Owner Builders**

☐ ☐ ***Notice of Commencement Required Before Any Inspections will be Done**

☐ ☐ **Private Potable Water:**

a) Size of pump motor
b) Size of pressure tank
c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all construction projects; If you were required to have a Site and Development Plan Approval, list SDP number.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser is required. A copy of property deed is also requested. (386) 758-1084

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic tank approval or sewer tap is required

4. **City Approval:** If the project is located within the city limits of the Town of Fort White prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) **has been** established shall meet the requirements of section 8.8 of the Columbia County Land Development Regulations. Any project that is located within a flood zone where the base flood elevation (100 year flood) **has not been** established shall meet the requirements of section 8.7 of the Columbia Cou Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD HAS BEEN ESTABLISHED.**
   A development permit will also be required. **The development permit cost is $50.00**

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit must be made **($25.00)**. Culvert installation for commercial, industrial and other uses shall **conform to the approved site plan or to the specifications of a registered engineer. Joi use culverts will comply with Florida Department of Transportation specifications.** If the project is to located on a F.D.O.T. maintained road, then an F.D.O.T. access permit is required.

7. **Suwannee River Water Management District Approval:** All commercial projects must have an SRWMD permit issued or an exemption letter, before a building will be issued.

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFE WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS – PLEASE DO NOT ASK

Commercial Jobs - $5.00 Per thousand dollars of cost of Construction.

Plus - 75.00 Zoning fee.