	DIA County mit Expires One Ye			PERMIT 000023409
ADDRESS 1890. SW MIDTOWN PI	ACE	LAKE CITY	155-1767	FL 32025
OWNER WESTFIELD GROUP	5.100	PHONE	755-0757	<u> </u>
ADDRESS 2929 HIGHWAY 90 WE	EST	LAKE CITY	755 0757	FL 32025
CONTRACTOR DAVID SIMQUE		PHONE	755-0757	
LOCATION OF PROPERTY HIGHWA	Y 90 WEST, BETWEEN	——— N APPLEBEES AND W	AFFLE HOUSE	
BUILDIN				***
TYPE DEVELOPMENT COMMERCIAL	STORE EST	TIMATED COST OF CO	ONSTRUCTION	.00
HEATED FLOOR AREA 8960.00	TOTAL ARE	A 10033.00	HEIGHT	.00 STORIES 1
FOUNDATION CONC WAL	LS FRAMED R	OOF PITCH 2/12	FL	OOR SLAB
LAND USE & ZONING CG		MAX	K. HEIGHT 2	7
Minimum Set Back Requirments: STREET-	-FRONT 20.00	REAR	15.00	SIDE 5.00
NO. EX.D.U. 0 FLOOD ZONE				3.00
	<u>X</u>	DEVELOPMENT PER	WIII NO.	
PARCEL ID 35-3S-16-02585-006	SUBDIVISION	VILLAGE SQUAI	RE	
LOT BLOCK PHASE	2 UNIT _	TOT	AL ACRES	
	CDC05(150	1	TIM	1
Culvert Permit No. Culvert Waiver C	CBC056158 Contractor's License Number		d //	
FDOT X05-0095	BK	Dei ,	Applicant/Owner/O	Contractor N
Driveway Connection Septic Tank Number	LU & Zoning	g checked by App	roved for Issuance	·
COMMENTS: ONE FOOT ABOVE THE ROA	D	,		
				-
			Check # or Ca	sh 1395
FOR BU	ILDING & ZONING	G DEPARTMENT	ONI Y	
Temporary Power	Foundation		Monolithic	(footer/Slab)
date/app. by		date/app. by		date/app. by
Under slab rough-in plumbing	Slab		Sheathing/N	ailing
date/app Framing		date/app. by		date/app. by
date/app. by	Rough-in plumbing above	ve slab and below wood	floor	1.7
Electrical rough-in	Heat & Air Duct			date/app. by
date/app. by	_	date/app. by	eri. beam (Lintel)	date/app. by
Permanent powerdate/app. by	C.O. Final		Culvert	
M/H tie downs, blocking, electricity and plumbing	dat	e/app. by		date/app. by
-	date/app. b	ру	Pool	date/app. by
Reconnection date/app. by	Pump pole date/ap	Utility Pole		- date/app. by
M/H Pole Trave	el Trailer		date/app. by Re-roof	
date/app. by	date	/app. by		date/app. by
BUILDING PERMIT FEE \$ 3000.00	CERTIFICATION FEE \$	5 50.16	SURCHARGE F	EE\$ (50.16)
			BEKEII/KGE I	50.10
	EKI. FEE \$ 50.00	FIRE FEE \$	WASTE	FFF \$
FLOOD ZONE DEVELOPMENT FEE	CULVERT FEE		WASTE	
NSPECTORS OFFICE	CULVERT FEE			3/50.32 A

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

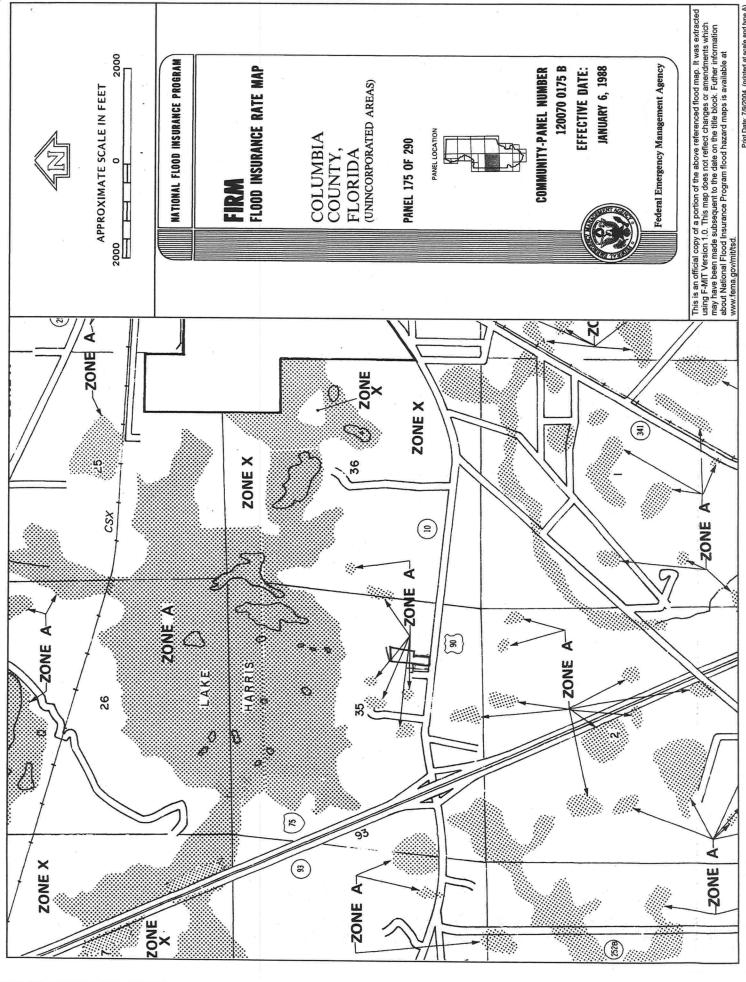
"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

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

Columbia County Building Permit Application CK# 1389 Revised 9-23-04

For Office Use Only Application # 6504-06 Date Rec	
Application Approved by - Zoning Official Suke Date	05.05 Plans Examiner Date
Flood Zone Development Permit Zoning_	<u>CG</u> Land Use Plan Map Category CommeACEAL
Comments SDP 04-6	
	847-
Applicants Name Dowid Single - Singe	<u>e Const.</u> Phone 386-755-7187
Address 1890 S.W. Midtown D. L	Lake City, 9.32025
Owners Name Mestified Group	Phone 386-755 0757
9 1 Address 29 29 Hay 90 Lake	City. Fl. 32025
Contractors Name David J. Singue	Phone 386-755-7767
Contractors Name David 5. Singue Address P.O. Box 29Ce2 Lake (CHY F1.32050
Fee Simple Owner Name & Address Westfield Gro	up'
Bonding Co. Name & Address	
Architect/Engineer Name & Address Bailey Bish	on 3 Lane P.O. Box 3719
Mortgage Lenders Name & Address Mercantile	
Circle the correct power company – FL Power & Light – Clay I	Elec. – Suwannee Valley Elec. – Progressive Energy
Property ID Number 35-38-16-02585006	Estimated Cost of Construction (\$600 000 - 60)
Subdivision Name Village Square (#	[2] Lot Block Unit Phase 2
Driving Directions Hwy 90 WEST OF	
Walthe house as Applebets	
The state of the s	
Type of Construction <u>Retail Center</u> Nu	umber of Existing Dwellings on Property
Total Acreage / Do you need a - Culve	
Actual Distance of Structure from Property Lines - Front 408	Side 300 Colveit Waiver or Have an Existing Drive
4 7	The state of the s
Nothber of Stories _1 He	eated Floor Area 2000 - Roof Pitch 2//2
Application is hereby made to obtain a permit to do work and inst	tallations as indicated. I certify that no work or
installation has commenced prior to the issuance of a permit and	that all work be performed to meet the standards of
all laws regulating construction in this jurisdiction.	
OWNERS AFFIDAVIT: I hereby certify that all the foregoing inform compliance with all applicable laws and regulating construction a	nation is accurate and all work will be done in
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF	OF COMMENCMENT MAY PESULT IN YOU BAYING
I WICE FOR IMPROVEMENTS TO YOUR PROPERTY, IF YOU INTE	ND TO OBTAIN FINANCING CONSULT WITH YOUR
LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF	F COMMENCEMENT.
Owner Builder or Agent (Including Contractor)	Contractor Signature
STATE OF FLORIDA CRISTA THOMAS	Contractors License Number CBC056/57 Competency Card Number
COUNTY OF COLUMBIA MY COMMISSION # DD092740 EXPIRES Feb. 14, 2006	NOTARY STAMP/SEAL
Sworn to (or affirmed) and subscribed before The Notary Public Underwriters	
this 31 day of March 2005.	Myss dans
Personally known or Produced Identification	Notary Signature



Print Date: 7/9/2004 (printed at scale and type A)

Cert Copy 4.50

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID POST OFFICE BOX 1328 LAKE CITY, FL 32056-1328

40/47/2004 Time: 16:39		D. 4502
Inst:2004028144 Date:12/17/2004 Time:16:39 DC,P.DeWitt Cason,Columbia County	B: 1033	F. 1302
DC, P. DeWitt Cason, out		

P	ERMIT	NO.	
_			

TAX FOLIO NOS.: 35-3S-16-02585-006

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. Description of property:

SEE SCHEDULE "A" ATTACHED HERETO FOR LEGAL DESCRIPTION

- 2. General description of improvement: Construction of a retail shopping center.
 - 3. Owner information:
- a. Name and address: WESTFIELD GROUP, LLLP a Florida Limited Liability Limited Partnership, Post Office Box 3566, Lake City, Florida 32056.
 - b. Interest in property: Fee Simple
- c. Name and address of fee simple title holder (if other than $\mbox{{\tt Owner}}):$
- 4. Contractor: SIMQUE CONSTRUCTION, Post Office Box 2962, Lake City, Florida 32056.
 - 5. Surety
 - a. Name and address: None
- 6. Lender: MERCANTILE BANK, 187 SW Baya Drive, Lake City, Florida 32025.
- 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 ROBERT W. TURBEVILLE, Sr. Vice President of MERCANTILE BANK, 187 SW Baya Drive, Lake City, Florida 32025, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

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 Deputy Clerk

Date Deputy Clerk

Date County Cle

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified). December 17, 2005.

WESTFIELD GROUP, LLLP, a Florida Limited Liability Limited

Partnership

Ву:∫

Charles S. Sparks General Partner

Inst:2004028144 Date:12/17/2004 Time:16:39
____DC,P.DeWitt Cason,Columbia County B:1033 P:1503

Ву:

Scott D. Stewart General Partner

The foregoing instrument was acknowledged before me this 17th day of December 2004, by CHARLES S. SPARKS and SCOTT D. STEWART, General Partners of WESTFIELD GROUP, LLLP, a Florida Limited Liability Limited Partnership, on behalf of the partnership. They are personally known to me and did not take an oath.

Notary Public

My commission expires:

EXHIBIT "A"

TOWNSHIP 3 SOUTH - RANGE 16 EAST

SECTION 35: Part of the SE 1/4, Section 35, Township 3 South, Range 16 East, Columbia County, Florida, being more particularly described as follows:

COMMENCE at the intersection of the East Line of Brookside, a subdivision as recorded in Plat Book 3 at Page 45 of the public records of Columbia County, Florida and the Northerly Right of Way of U.S. Highway 90 (State Road No. 10) and run thence S 84°51'35"E along said Northerly Right of Way, 275.03 feet to the POINT OF BEGINNING; thence N 03°02'38"E 464.44 feet; thence S 84°52'31"E, 342.21 feet; thence S 03°38'27"E 69.55 feet; thence N 84°47'26"W 156.62 feet; thence S 03°35'56"E, 400.33 feet to aforesaid Northerly Right of Way; thence N 84°51'35"W, along said Northerly Right of Way 240.04 feet to the POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

Inst:2004028144 Date:12/17/2004 Time:16:39
_____DC,P.DeWitt Cason,Columbia County B:1033 P:1504



• Environmental

P.O. Box 1625 • Lake City, FL 32056-1625 6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456 Tel. (904) 262-4046 • Fax (904) 262-4047

June 23, 2005

Simque Construction P. O. Box 2962 Lake City, Florida 32056

Attention:

David Simque

Reference:

Village Square, Building No. 2

U.S. 90

Lake City, Florida

Cal-Tech Project No. 05-291

Dear Mr. Simque,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation of the site for building No. 2 at Village Square on U. S. 90 in Lake City, Florida. Our work was planned in conjunction with and authorized by you.

Introduction

We understand you will construct a single story, masonry building with lateral dimensions of approximately 50 feet by 150 feet. Support for the structure is to be provided by conventional, shallow spread footings. Anticipated foundation loads were not provided; however, we assume column and wall loads will not exceed 30 kips and 2.5 kips per foot, respectively. The proposed building site appears to have been striped and filled to grade.

The purposes of our investigation were to determine the general subsurface conditions in the proposed building area, and to present recommendations for design and construction as appropriate.

Site Investigation

The subsurface conditions were investigated by performing three (3) Standard Penetration Test borings advanced to depths of 10 feet. The borings were performed at the approximate locations indicated on the attached Location Plan. These locations were selected by Cal-Tech Testing, Inc.

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

"Excellence in Engineering & Geoscience"

inches, is designated the penetration resistance, or N-value; this value is an index to soil density or consistency.

Findings

The soil borings encountered generally medium dense, tannish gray, brownish gray, grayish tan or dark gray sand (SP) for the full depth of the borings. Some roots were encountered at a depth of about 6 feet at boring location B-2. The N-values for this layer range from 9 to 36 blows per foot.

Groundwater was encountered at depths of 4.1 to 5.9 feet at the time of our investigation (6/20/05), and we estimate the wet season water table will occur at a depth of about 4 feet.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs. Note specifically 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

From the results of our investigation, it is our opinion the structure can be supported by the proposed shallow spread footings, and we recommend these footings be sized to exert a maximum soil bearing pressure of 3,000 pounds per square foot. Further, we recommend the 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. We recommend the bottoms of foundations be embedded at least 16 inches below the lowest adjacent grade (finished surface grade, for example).

It appears very thorough compaction was performed for the fill materials; therefore, only normal, good practice site preparation procedures should be required to complete the construction.

We recommend bearing soils be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of 1-foot below bearing grade. Fill soils, as required, should consist of relatively clean, fine sand containing less that 10% passing the No. 200 sieve. Fill should be placed in maximum 12-inch, loose lifts, and each lift should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density.

Field density testing should be performed in the compacted subgrade, in each lift of fill, and in foundation excavations to verify the recommended compaction has been achieved.

Our recommendations are based upon our findings as described in this report; however, subsurface conditions may exist that were not encountered in the soil test

borings. Cal-Tech Testing, Inc. should be notified if different soil conditions are encountered during construction. It may be necessary to reevaluate this site and revise our recommendations.

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 or further assistance.

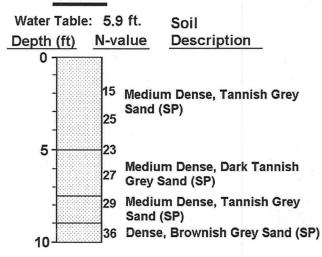
Respectfully submitted, Cal-Tech Testing, Inc.

de Creamer

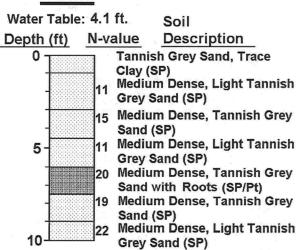
Linda Creamer President / C. E. O. John C. Dorman, Jr., Ph.D., P.E. Geotechnical Engineer 6/23/05

52612

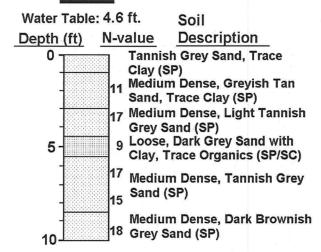
B-1

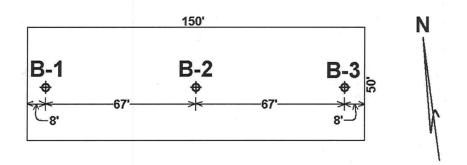


B-2



B-3





Boring Logs and Location Plan: Village Square Building No. 2

	FL	ORIDA ENERG CHAPTER							HON		
FORM 400C-			· • • • • • • • • • • • • • • • • • • •	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					CIII	nete Zor	North es 1 2 3
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City, Zip Code:	-90 W	EST	O OFF			Permit N		2340	0		•
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Operationa Manual Windows & Doors	102.1	Operations manual									
Joints/Cracks	408.1	Maximum: .3 c/m pe To be caulked, gast					t. of door a	700.			
Dropped Celling Cavity	408.1	Vented: seal and in					ing air barri	er: seal and it	naulate roo	and side wa	ilis.
Reheat	407,1	Electric resistance n	eheat prohibit	9ď.		ind_					
Ventilation	409.1	Supplied with readily	y accessible s	witch for shut-	off and/or v	olume redu	ction when	ventilation is	enluper ton	d.	
HVAC Controls	407.1, 408.1	Minimum efficiencie Beparate readily ac	o - Moating: T	ables 4-7, 4-8	c thermout	ng: Tables	4-3, 4-4, 4-1	5, 4-0,			
HVAC Ducts	410.1	Air duats, fittings, m						ally attached	, sealed, in	sulated	
	-	and installed in acco				1;					limin .
Belancing	410.1	MVAC distribution as		d and balance	id.						1
Piping Insulation Water Heaters	411.1	In accordance with Automatic electric el		matero <120 n	allone and	ama & all fine	ad abovene	water healers	75 000 B	hufa ehall ma	21
		performance requirer	ments in Table	4-12. Electric:	>120 gallons	: etendby lo	88 ≤.30+27	V _T . Qas >75,0	000, Oll >10	5,000: £, .78,	
Swimming Pools	412,1	Standby loss £ 1.30. Span & heated pools	s must have o	overs. Non-co	mmercial po	oole must h	Syderoe.	imer. Gas sos	ad loog & a	Black Breds	
& Spas	1 1	have a minimum tha	rmal efficiency	y of 78%.							NA
Hot Water Pipe Insulation	412.1	Piping heat loss is ill tank.	mited to the is	vela in Teble 4	8-11 for alra	ulating syst	ems and th	e first 8' of pip	e from a s	lorage	
Water Fixures	412.1	Shower head water							k). Public la	avatory fixture	9
Lighting	415.1	Ballasts shall have F				circulating,	.5 gallon no	n-circulating.			
11			***************************************	***************************************			· · · · · · · · · · · · · · · · · · ·				
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MECHANICAL SYSTEM	DESIGNER:					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
PLUMBING SYSTEM D	EGIGNER:_		46-40-4-4								
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Traffic safety control tow	819Y			9 <5,000 sq.R.					ulidings <8		5
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Windows & Doors	408.1	Maximum: .3 c/m p					door area.			
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Reheat	407,1	Electric resistance	reheat prohibit	ed.						Man
Ventilation	609.1	Supplied with readi	ly acceasible 6	witch for shut-off	end/or volu	ime reduction	when ventilatio	n la not req	ulred.	
HVAC Efficiency HVAC Controls	407.1, 409.1	Minimum efficiencie								V
HVAC Ducta	410,1	Beparate readily ac Air ducts, fittings, m	cassions manu	lai or automatic in	ormosiat ic	or each bysis	III.	had contra	d impulsame	
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Bolancing	410.1	MVAC distribution s	ystem(s) tests	d and balanced.						No.
Piping Insulation	411.1	In accordance with					2.1			December 1
Water Heaters	412.1	Automatic electric a performance require	torage water h	Petera 5120 gallo	na and gas	a a oil fired as	orage water hea	1019 £75,00	D Blwh shall meet	
		Stancoy loss £ 1.30	4114/Vr. Gen.	Oil >155.000: E.7	76. Stenda	M 1088 ≤ 1.20	-95/V ₀ .	70,000, OII	>105,000: E ₁ ./8,	1
Swimming Pools	412.1	Spas & heated pool	s must have o	overs. Non-comm	ercial pools	e must have p	oump ilmer. Gas	804 & poo	heaters must	
A Spas	nan a	have a minimum tha								NA
Hot Water Pipe Insulation	412.1	Piping heat kes is if tank.	inited to the le	weig in 19018 4-11	vor diravia	lang systems	and the first B' o	pipa from	a storage	1
Water Flaures	412.1	Shower head water	flow restricted	to maximum of 2	5 apm at A	30 pai, Tollets	mest 42CFR 62	95(h). Buh	ic lavatory figure	-
- January Control of the Control of		maximum flow of .5	gpm; or if self-	closing valve, .25	gallon circ	ulating, .6 ga	llon non-circulat	ng.	y made	1
Lighting	415.1	Ballaste shall have f			-					
W										U _A
W required by Florida law	s, I horoby cord	ly that the ayelem dos	ign is in compl	llance with the Flo	rida Energ	y Code.			Registration N	lo.
Architect: Electrical system	DESIGNED.			****				***************************************		
Lighting system de	and the state of t			,			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		· · · · · · · · · · · · · · · · · · ·	
MECHANICAL SYSTEM										
PLUMBING SYSTEM D		F-1		· · · · · · · · · · · · · · · · · · ·		20. (20)				
Compliance with Chap	tor 4 wen durin	ennirated by a Prosc	nesski eviiqh	mothedology	g:			G. C.	The second distriction of the second distric	Stillness Berg Sellie
Detached Buildings <20		TO TO	100	o stores <5,000 e			Office	buildings -	-5, 000 sq.ft.	
Skybones/sports stadiur	V18			<5.000 sq.R.	3.57	Ĭ			<5,000 sq.ft.	5 1
Traffic safety control tow	978		Retail stores	<5,000 sq.R.				The second secon	3,pe 000,8>	<u> </u>
I hereby carrily that the pla	ne and agaziñosi	May of wared by the calc	utation are in co	mpliance, with the	Raulaw	of piana and ar	acifications covere	d by this nate	amos eelippioni nglippius	allanca with
Florida Energy Coda	11/8 /	// =		2/1/2	the Flori	da Energy Cod	e. Belore construc	ion is comple	Hed, this building will be	8 juabscied
I hereby contry that this but	M	new state of the s	DATE:	6/11/05			dance with Section			
	Yang in Cambila		-							
OWNER AGENT:			DATE.		DAVE:					

	FL	orida ener	gy effic	iency co	DE FOR	BUILD	ING COI	NSTRUC	CTION		
	2 200		74 - Cor								
FORM 400C	-01					-					North
Limited and Sp	escial Veg Bui	lidings				1	_		C	Ilmate Zon	08 1 2 3
Project Name: \	JILLAGE	SQUARE	BLOG :	2-C	Zone:						
Address: U.S	5-90 W	EST)		Building	Classific	ation:				
City, Zip Code:			2055		Building						
Builder: 51M	QUE CO	DNST RUC-	TION.		Permittir	g Office:	COLL	IMBIA.	COL	INTY	
Owner: WES	STFIEL	d Group			Jurisdict	ion No.:					
				SECTION SECTION TO	TO CONTROL OF STREET	567					
WALL	8	ROOFICE	IUNG	BUILDING IA	FLOORS	ME		00683		ĞL	185
TYPE	WI ARRA I	TYPE	U AREA	TYPE	[u]	AREA	TYPÉ		AREA	TABE	U AREA
		Under Attic Single Assembly	.03 1325	Slab-on-gra Raised Woo	od I	1325	Wood	1.40	21	Single, wall Double, wall	87 167
Metal frame		Other:		Raised Con	grata 📗		Insulated		-	Single, roof	
Insulation A-value		Insulation R-value	1301	Insulation R	-AGIRA-		Other			Double, roof	
	X 100 40 45 4 10	Million III an		BABLEMB IK					-		
TYPE	AIR CONG	ICIENCA MUNICIPAL	TONS	TYPE	NEAT	CALCA SYST	ENCY	PTUN	TYPE	HOT WAT	ER
Unitary & Hoat Pump		SEER		Central & Ma		The same of the sa	and an arrangement of the same		Electric		
<65,000 Btu/h ≥65,000 Btu/h		_ 8eer _ eer ip	<u>3</u>	<65,000 E ≥65,000 B		6.8	16PF COP	37,500	N .	stance	2
Water cooled		EER IP		Weller coo			COP		Gas	icated Heat Pum	p U
Evaporatively cool		_ EER		0	rely cooled		OP		Nati	ural	
PTAC Chiller		_eer _copip		Electric Resi Gas/Oil (circl		0	COP		LPG		
Gas heat pump	-	COP	and the same of th		300,000 BW	h	FUE	-	HRU Other:		뭄
Omer:					300,000 Bu/		,		Other.		_ ⊔
LIGHTING TO	tal Lighting Wei	tege /	760	1.3		912	ING CALCU	LATION	DI	CTS R-value	0
Total	Conditioned Flo	or Area	325	Wat	Re/eq.ft.	Am	bertan			Location	ATTIC
				************		1					
2	7		tive measl	MES (Much b	e mest or or	cooded b	y all buildli	ngs.)			
Componente Operationa Manual	102.1	Requirements Operations manu	al will be arouit	ded to owner							Chock
Windows & Doors	4G8.1	Maximum: .3 cm	per ag.ft. of wi	ndow area: Ma	dmum: 1.2 c	fm par sq.f	L of door are	M.			
Jointa/Cracks	408.1	To be coulted, go	sketed, weath	eretripped or ot	herwise seal	84.					
Dropped Celling Cavity Reheat	407.1	Vented: seal and Electric resistance	Insulate ceiling	(no Y-bar cetti	ngs). Unvent	ed, no cell	ng air barrie	r: seal and i	naulate r	oof and alde wal	
Ventilation	409.1	Supplied with read			off and/or vo	dume redu	tion when v	antilation is	not requ	Inari	1
HVAC Efficiency	407.1, AQB.1	Minimum efficienc	les - Heating:	Tables 4-7, 4-8	i, 4-9. Coolin	g: Tables 4	-3, 4-4, 4-5,	4-8,	noi rode	iiou.	
HVAC Controls HVAC Ducts	407.1	Separate readily a Air ducts, fittings,	ocessible man	ual or automat	c thermostal	for each a	ystem.				V
TO NO SUCIA	010.1	ten ducie, marrige.	marchenicei eq	the citaria of s	enum chamb ection A10.1	era anali b	magnanios	lly arrached	, 3 98/60,	insulated	2
		and installed in ac									1 /
Balancing	410.1	and installed in ac		ea ana bamings	ed.						Dem
Piping Insulation	419.1	and installed in ac nolludiretti DAVM in economecca ni	system(s) test h Table 4-11.								100
WHITE STREET, SHOWING THE		and installed in ac HVAC distribution in accordance with Automatic electric	system(s) test n Table 4-11. storage water	heatera ≤120 g	allons and g						100
Piping insulation Water Heaters	419.1 412.1	and installed in ac MVAC distribution In accordance with Automatic electric performance required Standby lose ≤ 1.3	eystem(s) test h Table 4-11. atorage water rements in Tabl 30-114/V _T , Gar	healers <120 g e 4-12. Electric e, Oll >155,000	allons and g >120 gallons: E.78, Stand	standby los Stay loss ≤ 1	.30+95/V ₂	T. GRS >75,0	100, OII >	105,000: É ₁ .78,	100
Piping Insulation Water Heaters Swimming Pools	419.1	and installed in ac HVAC distribution in accordance with Automatic electric performance requil Standby lose £ 1.3 Spas & heated po	teet (a) teet in Table 4-11. In Table 4-11. It is the memory It is the memory It is the memory It is the memory in the memory is the memory in	heatera ≤120 g e 4-12. Electric : a, Oll >155,000: covers. Non-co	allons and g >120 gallons: E.78, Stand	standby los Stay loss ≤ 1	.30+95/V ₂	T. GRS >75,0	100, OII >	105,000: É ₁ .78,	
Piping insulation Water Heaters	419.1 412.1	and installed in ac HVAC distribution in accordance with Automatic electric performance required Standby loss st 1.3 Spas & heated po- have a minimum ti	system(s) test in Table 4-11. atorage water rements in Table 30+114/V _T . Gai ols must have harmal efficien	heaters ≤120 g e 4-12. Electric : e, Oll >155,000: covers. Non-co cy of 76%.	allons and g 120 gallons: E,78, Stand	standby los sby loss ≤ 1 ols must ha	88 ≤.30+27/V .30+95/V₁. IV6 pump (In	т. Сев >75,0 пог. Сев вра	100, OII >	105,000: £; .78,	100
Piping insulation Water Meaters Swimming Pools & Spas Hot Water Pipe Insulation	412.1 412.1 412.1	and installed in ac MVAC distribution In accordance with Automatic electric performance requir Standby loss £ 1.3 Spas & heated po have a minimum to Piping heat loss is tank.	system(s) test in Table 4-11. atorage water rements in Table 30-114/V _T . Gar ols must have harmal efficien illimited to the	healers ≤120 g a 4-12. Electric a, Oli >155,000: covers. Non-co cy of 76%. svels in Table 4	allona and g >120 gallons: E,78, Stand mmercial po-	etandby los sby loss < 1 ols must ha dating syste	36 ≤.30+27/V .30+95/V ₇ . 30 ye pump tin 30 ye pump tin	T. GAB >75,0 191. GAB BOS first 6' of pig	600, OII > 6 & pool 9	105,000: £; .78, heaters must	
Piping Insulation Water Meaters Swimming Pools & Spas Hot Water Pipe	412.1	and installed in ac MVAC distribution In accordance with Automatic electric performance requi- Standby lose £ 1.2 Spas & heated po- have a minimum ti Piping heat loss is tank. Shower head wate	system(s) test in Table 4-11. storage water rements in Table 30-114/V _T . Gar old must have harmal efficien il limited to the or flow restricts	healers ≤120 g e 4-12. Electric s, Oli >155,000: covers. Non-co cy of 76%. svels in Table 4 d to maximum	Allona and g 120 gallons: E,78, Stand mmercial po-	etandby loss s 1 obs must hat deting systems 180 psi. To	se ≤.30+27/V30+95/V ₁ ve pump tin ms and the	T. GAS >75,0 THE T. GAS SPAN T	600, OII > 6 & pool 9	105,000: £; .78, heaters must	
Piping insulation Water Meaters Swimming Pools & Spas Hot Water Pipe Insulation	412.1 412.1 412.1	and installed in ac MVAC distribution In accordance with Automatic electric performance requi- Standby lose s. 1 Spas & heated po- have a minimum ti Piping heat loss is tank. Shower head water maximum flow of	system(s) test in Table 4-11. atorage weter ements in Tabl 30+114/V _T . Gat ols must have harmal efficien limited to the in office of the initial of the ini	heaters <120 g a 4-12. Eteotric : a, Oll > 155,000: covers. Non-co cy of 76%. evels in Table 4 d to maximum of-closing valve,	allona and g >120 gellons: E.78, Stand mmercial po- 4-11 for dirau of 2.5 gpm a .25 gallon ci	etandby loss s 1 obs must hat deting systems 180 psi. To	se ≤.30+27/V30+95/V ₁ ve pump tin ms and the	T. GAS >75,0 THE T. GAS SPAN T	600, OII > 6 & pool 9	105,000: £; .78, heaters must	
Piping Insulation Water Meaters Swimming Pools IL Spas Hot Water Pipe Insulation Water Fixtures Lighting	412.1 412.1 412.1 412.1 412.1 412.1	and installed in ac MYAC distribution In accordance with Automatic electric performance require Standby loss £ 1.3 Spas & heated po have a minimum to Piping heat loss is tank. Shower head wate maximum flow of Ballasts shall have	system(s) test in Table 4-11, atorage water rements in Table 30-114/Vr. Gat ols must have harmal efficien illimited to the in or flow restricts 5 gpm; or if se	heaters ≤120 g a 4-12. Electric y a, Oil > 155,000 covers. Non-co cy of 76%. svels in Table d to maximum d-closing valve, s no less than	Allons and g >120 gellons: E.78, Stanc mmercial po 4-11 for circu of 2.5 gpm a 2.5 gellon a 2.0	etandby lose style st	se ≤.30+27/V30+95/V ₁ ve pump tin ms and the	T. GAS >75,0 THE T. GAS SPAN T	600, OII > 6 & pool 9	105,000: £; .78, heaters must	
Piping Insulation Water Meeters Swimming Pools It. Spas Hot Water Pipe Insulation Water Fixures Lighting If required by Florida is	412.1 412.1 412.1 412.1 412.1 412.1	and installed in ac MYAC distribution In accordance with Automatic electric performance require Standby loss £ 1.3 Spas & heated po have a minimum to Piping heat loss is tank. Shower head wate maximum flow of Ballasts shall have	system(s) test in Table 4-11, atorage water rements in Table 30-114/Vr. Gat ols must have harmal efficien illimited to the in or flow restricts 5 gpm; or if se	heaters ≤120 g a 4-12. Electric y a, Oil > 155,000 covers. Non-co cy of 76%. svels in Table d to maximum d-closing valve, s no less than	Allons and g >120 gellons: E.78, Stanc mmercial po 4-11 for circu of 2.5 gpm a 2.5 gellon a 2.0	etandby lose style st	se ≤.30+27/V30+95/V ₁ ve pump tin ms and the	T. GAS >75,0 THE T. GAS SPAN T	600, OII > 6 & pool 9	105,000: £; .78, heaters must	V N/A V V V V V V V V V
Piping Insulation Water Meaters Swimming Pools & Spas Kot Water Pipe Insulation Water Fixtures Lighting If required by Florida is ARCHITEOT:	412.1 412.1 412.1 412.1 412.1 415.1	and installed in ac MYAC distribution In accordance with Automatic electric performance requi- Standby loss £ 1. Spas & heated po- have a minimum to Piping heat loss is tank. Shower head wate madmum flow of . Balliasts shall have	system(s) test in Table 4-11. atorage water rements in Table 30-4114/v _T . Gat old must have harmal efficien illimited to the in or flow restricts 5 gpm; or if set of Power Factor ostign is in com-	heaters ≤120 g a 4-12. Electric a, Oll > 155,000 covers. Non-co cy of 78%. svels in Table d to maximum fi-closing valve, a no less than .	Allons and g >120 gellons: E.78, Stanc mmercial po 4-11 for circu of 2.5 gpm a 2.5 gellon a 2.0	etandby lose style st	se ≤.30+27/V30+95/V ₁ ve pump tin ms and the	T. GAS >75,0 THE T. GAS SPAN T	600, OII > 6 & pool 9	105,000: E, .76, heaters must a storage c lavatory fixture	V N/A V V V V V V V V V
Piping Insulation Water Meaters Swimming Pools & Spas Kot Water Pipe Insulation Water Fixtures Lighting If required by Florida is ARCHITECT: ELECTRICAL SYSTER	412.1 412.1 412.1 412.1 412.1 415.1 415.1	and installed in ac MYAC distribution In accordance with Automatic electric performance regula Standby loss £ 1.2 Spas & heated po have a minimum to Piping heat loss is tank. Shower head wate maximum flow of . Ballasts shall have	system(s) test in Table 4-11. atorage water rements in Table 30-114/Vr. Gar ols must have harmal efficien illimited to the in or flow restricts 5 gpm; or if se selgn is in comp	heaters ≤120 g a 4-12. Electric a, Oil > 155,000 covers. Non-co cy of 76%. evels in Table d to maximum d-closing valve, s no less than.	allona and g 120 gellore: E.78, Stant mmercial po- 4-11 for dirau of 2.5 gpm a .25 gallon al 80.	estandby lose ≤ 1 ole must he eleting system t 60 pai. To irculating,	ss s.30+27/V, .30+95/V, .ve pump tin ms and the liets mast 42 5 gallon non	T. GAS >75,0 THE T. GAS SPAN T	600, OII > 6 & pool 9	105,000: E, .76, heaters must a storage c lavatory fixture	V N/A V V V V V V V V V
Piping Insulation Water Meature Swimming Pools & Spas Hot Water Pipe Insulation Water Fixtures Lighting If required by Florida is ARCHITECT: ELECTRICAL SYSTEI LIGHTING SYSTEM D MECHANICAL SYSTE	412.1 412.1 412.1 412.1 412.1 415.1 W DESIGNER: ESIGNER: M DESIGNER:	and installed in ac MVAC distribution In accordance with Automatic electric performance requi- Standby lose ≤ 1 Spas & heated po- have a minimum ti Piping heat loss is tank. Shower head wate maximum flow of Balliasis shall have	system(s) test in Table 4-11. storage water rements in Table dot 114/Vr. Gar old must have harmal efficien if flow restricts of gpm; or if se prower Factor ostign is in com	heaters ≤120 g e 4-12. Electric e, Oil > 155,000: covers. Non-co cy of 78%. sevels in Table d to maximum of closing valve, e no less than pliance with the	allona and g >120 gallons: E. 78, Stant mmercial po 4-11 for circu of 2.5 gpm a .25 galton a 20.	estandby lose ≤ 1 ole must he eleting system t 60 pai. To irculating,	ss s.30+27/V, .30+95/V, .ve pump tin ms and the liets mast 42 5 gallon non	T. GAS >75,0 THE T. GAS SPAN T	600, OII > 6 & pool 9	105,000: E, .76, heaters must a storage c lavatory fixture	V N/A V V V V V V V V V
Piping Insulation Water Meaters Swimming Pools & Spas Kot Water Pipe Insulation Water Fixtures Lighting If required by Florida is ARCHITECT: ELECTRICAL SYSTEM D MECHANICAL SYSTEM IN MECHANICAL SYSTEM IN MECHANICAL SYSTEM	412.1 412.1 412.1 412.1 412.1 415.1 415.1 M DESIGNER: ESIGNER: M DESIGNER: DESIGNER:	and installed in ac MVAC distribution In accordance with Automatic electric performance requir Standby lose ≤ 1.3 Spas & heated po have a minimum th Piping heat loss is tank. Shower head wate maximum flow of Ballasts shall have	system(s) test in Table 4-11. storage water rements in Table 30-4114/vr. Gar old must have harmal efficien illimited to the in or flow restricts 5 gpm; or if se prower Factor ostign is in comp	heaters ≤120 g e 4-12. Electric e, Oil > 155,000 covers. Non-co cy of 78%. svela in Table d to maximum el-closing valve, s no less than .	allona and g >120 gellons: E. 78, Stant mmercial po \$-11 for circu of 2.5 gpm a .25 galton a 80.	estandby lose ≤ 1 ole must he eleting system t 60 pai. To irculating,	ss s.30+27/V, .30+95/V, .ve pump tin ms and the liets mast 42 5 gallon non	T. GAS >75,0 THE T. GAS SPAN T	600, OII > 6 & pool 9	105,000: E, .76, heaters must a storage c lavatory fixture	V N/A V V V V V V V V V
Piping Insulation Water Meature Swimming Pools & Spas Hot Water Pipe Insulation Water Fixtures Lighting If required by Florida is ARCHITECT: ELECTRICAL SYSTEI LIGHTING SYSTEM D MECHANICAL SYSTE	412.1 412.1 412.1 412.1 412.1 415.1 415.1 M DESIGNER: ESIGNER: M DESIGNER: DESIGNER:	and installed in ac MVAC distribution In accordance with Automatic electric performance requir Standby lose ≤ 1.3 Spas & heated po have a minimum th Piping heat loss is tank. Shower head wate maximum flow of Ballasts shall have	system(s) test in Table 4-11. storage water rements in Table 30-4114/vr. Gar old must have harmal efficien illimited to the in or flow restricts 5 gpm; or if se prower Factor ostign is in comp	heaters ≤120 g e 4-12. Electric e, Oil > 155,000 covers. Non-co cy of 78%. svela in Table d to maximum el-closing valve, s no less than .	allona and g >120 gellons: E. 78, Stant mmercial po \$-11 for circu of 2.5 gpm a .25 galton a 80.	estandby lose ≤ 1 ole must he eleting system t 60 pai. To irculating,	ss s.30+27/V, .30+95/V, .ve pump tin ms and the liets mast 42 5 gallon non	T. GAS >75,0 THE T. GAS SPAN T	600, OII > 6 & pool 9	105,000: E, .76, heaters must a storage c lavatory fixture	V N/A V V V V V V V V V
Piping Insulation Water Meaters Swimming Pools & Spas Kot Water Pipe Insulation Water Fixtures Lighting If required by Florida is ARCHITECT: ELECTRICAL SYSTEM LIGHTING SYSTEM ID MECHANICAL SYSTE PLUMBING SYSTEM I Compliance with Cha	412.1 412.1 412.1 412.1 412.1 415.1 415.1 M DESIGNER: ESIGNER: M DESIGNER: DEGIGNER: DEGIGNER: DEGIGNER:	and installed in ac MVAC distribution In accordance with Automatic electric performance requir Standby lose ≤ 1.3 Spas & heated po have a minimum th Piping heat loss is tank. Shower head wate maximum flow of Ballasts shall have	system(s) test in Table 4-11. atorage water rements in Table 30-114/Vr. Gar old must have harmal efficien illimited to the in or flow restricts 5 gpm; or if sel or flow is in companient selign is in companient companient	heaters ≤120 g a 4-12. Electric a, Oll > 155,000 covers. Non-co cy of 78%. evels in Table d to maximum fi-closing valve, a no less than . plience with the	Allona and g 120 gellore: E.78, Stant mmercial po 4-11 for direu of 2.5 gpm a .25 gallon al 80. Florida Ene	estandby lose ≤ 1 ole must he eleting system t 60 pai. To irculating,	ss s.30+27/V, .30+95/V, .ve pump tin ms and the liets mast 42 5 gallon non	r. Gas spaner. Gas	i & pool is & pool	105,000: E, .76, heaters must a storage c lavatory fixture	V N/A V V V V V V V V V
Piping Insulation Water Meature Swimming Pools & Spas Hot Water Pipe Insulation Water Fixtures Lighting If required by Florida is ARCHITEOT: ELECTRICAL SYSTEM D MECHANICAL SYSTEM IN MECHANICAL SYSTE	412.1 412.1 412.1 412.1 412.1 412.1 415.1 W DESIGNER: ESIGNER: M DESIGNER: DEGIGNER: DEGIGNER: DEGIGNER: DEGIGNER: DEGIGNER:	and installed in ac MVAC distribution In accordance with Automatic electric performance requir Standby lose ≤ 1.3 Spas & heated po have a minimum th Piping heat loss is tank. Shower head wate maximum flow of Ballasts shall have	system(s) test in Table 4-11. atorage water ements in Tabl 30-114/V _T . Gat old must have harmal efficien illimited to the ill of flow restricts 5 gpm; or if se in Power Factor osign is in comp	heaters ≤120 g e 4-12. Electric e, Oil > 155,000 covers. Non-co cy of 78%. svels in Table d to maximum el-closing valve, s no less than . pliance with the	Allona and g 120 gellons: E. 78, Stant mmercial po 4-11 for circu of 2.5 gpm a .25 gallon al 80. Florida Ene	estandby lose ≤ 1 ole must he eleting system t 60 pai. To irculating,	ss s.30+27/V, .30+95/V, .ve pump tin ms and the liets mast 42 5 gallon non	r. Gas spaner. Gas	i & pool i &	105,000: £, 76, heaters must a storage c lavatory fixture Registration 5,000 sq.ft.	No.
Piping Insulation Water Meature Swimming Pools & Spas Kot Water Pipe Insulation Water Fixtures Lighting If required by Florida is ARCHITECT: ELECTRICAL SYSTEM D MECHANICAL SYSTEM IN MECHANICAL SYSTEM IN MECHANICAL SYSTEM IN MECHANICAL SYSTEM IN Compliance with Cha Detached Buildings <2 Styponos/sports stedia Traffic safety control to	412.1 412.1 412.1 412.1 412.1 412.1 415.1 415.1 We lead the service of the servi	and installed in ac MVAC distribution In accordance with Automatic electric performance requir Standby loss £ 1.3 Spas & heated po have a minimum th Piping heat loss is tank. Shower head wate maximum flow of . Ballasts shall have	system(s) test in Table 4-11. atorage water rements in Table 30-114/Vr. Gar ols must have harmal efficien illimited to the in or flow restricts 5 gpm; or if se proper Factor cellen is in company computer Mess Convenien Restauran Restaul store	heaters ≤120 g a 4-12. Electric a, Oll > 155,000 covers. Non-co cy of 78%. evels in Table d to maximum d-closing valve, s no less than . pliance with the surres methoda co stores <5,00 ts <5,000 sq.R. se <5,000 sq.R.	Allona and g 120 gellore: E. 75, Stanc mmercial po 4-11 for dirau of 2.5 gpm a .25 gallon a 20. Florida Ene	estandby lose ≤ 1 ole must he eleting system t 60 pai. To irculating,	ss s.30+27/V, .30+95/V, .ve pump tin ms and the liets mast 42 5 gallon non	r. Gas spaner. Gas	i & pool i &	105,000: £, 76, heaters must a storage c lavafory fixture Registration	N/A
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		CHAPTER	14.	— Con	morcial E	Building	Compl	lanca M	ethods				
Form 400C-	3.50												HTR
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Project Name: V	"ILLAGE	SQUARE;	13	LDG =	2-P	Zone:	. PSI						
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Metal frame		Other: Insulation R-value	30		Ralsed Cond	ernta i		Insulated		-	Single, roof		
Insulation 9-value		MISHINIAN MASSING	1301		Insulation R	AGIDA		Other			Double, roof		
	AIR COM				Bablenb im	FORMATION WEA	MONTH TO WAR	neon.		7	HOT WAT	SB	
TYPE	」	JOIENGA	-	TONS	TYPE		FFFIC	ENCY	PTUA	TYPE		(h-b)	
Unitary & Heat Pump <65,000 Btu/h	16.	O SEER		3_	Central & Ho		6.8	HSPF	37,500	\ \	ic ilstance		DI
≥65,000 Btu/h Water cooled		EER IPL EER IPL			≥65,000 Bi			00P		Dec	icated Heat Pum	р	
Evaporatively cools		_ EER	. v		Water cool Evaporativ			COP		Gas Nat	umal		п
PTAC		_EER			Electric Rosis			COP	-	LPC			Ħ
Chiller Gas heat pump		COPIPL _COP	₩.		Gas/Oil (oiroid	e one) 300,000 Biu	/h/	AFUE		HRU			Ħ
Other:		-				000,000 Ba			_	Other.		_	
LIGHTING TO	al Lighting Wa	The second second	60	The second second	1.3		912	ING CALC	ULATION	D	UCTS R-valuo	0	
Total	Conditioned Fla	per Area 13	44		Watt	te/eq.ft.	AM	bertae			Location	AT	TIC
	The second second	PRESCRIP	TRME	MEASL	RES (Must be	n recent our mi	recoded b	se will Barrilloli	(mese)	-	Total Control of the		
Componente	esetton	Requirements	7000	THE STATE OF THE S	rese figratic and	p reat of or	a continue to	A con the profession	rigo-j			7	Chock
Operations Manual Windows & Doors	102.1	Operations manus				1			2000				1
Jointe/Cracks	408.1	Maximum: .3 c/m To be caulked, gas	skete	d, weathe	retripped or att	nerwise ses	leģ.	**				-	
Dropped Celling Cavity Reheat	408.1 407,1	Vented: seal and l	rsula	te ceiling	(no T-bar cellin	iga). Unven	ted, no cell	ng air barrie	r: seal and	insulate	roof and side wall	5.	Description
Ventilation	409.1	Supplied with read	ily ac	consible e	witch for shut-	off and/or v	olume redu	ction when	ventilation i	not real	ulned.	_	
HVAC Efficiency HVAC Controls	407.1 409.1	Minimum efficienci	99 -	Heating: 1	ables 4-7, 4-8	, 4-9. Coolli	ng: Tables	1-3, 4-4, 4-6	. 4-6.		** *******		1
HVAC Ducts	410.1	Beparate readily a Air ducts, fittings, r	ולכופח	anical equ	pment and ple	num cham	bera shall b	ysism. o mochanic	ally affacho	d. sealed	l. insulated	-	
m.	445.4	and installed in acc	orde	nos with 6	he criteria of se	ection 410.1	l				,		
Belancing Piping Insulation	410.1	In assertiance with			d and balance	d.						- 1	Market State of the State of th
Water Heaters	412.1	Automatic electric			ealera ≤120 ga	allona and e	gas & oil fire	d storage w	valer healer	9 ≤75,00	0 Blu/h shall mea	-	1
		Standby lose £ 1.3	men 0-11	ts in Table 4∧√. Gan	4-12. Electric >	-120 gallons F. 78 Sten	s: etendby lo	88 ≤.30+27/	V _T . Gas >75	,000, OII ,	>105,000: É ₁ .78,	Ι,	
Swimming Pools	412,1	Span & heated poo	ds mi	uat have o	overs. Non-cor	mmercial po	ole must he	ave pump th	mer. Gas s	looq & ac	heaters must	-	110
A Spas Hot Water Pipe	412.1	have a minimum th Piping heat loss is				-11 for alra	ulatina avst	mma and the	Hret A' of n	ing from	a ptompo	1	1/6
Insulation		tank.										1 1	
Water Flatures	412.1	Shower head water maximum flow of .6	HOW HOW	restricted	domaximum c	25 gpm s	at 80 pai, To	lets maet 4	2CFR 6295	(k). Publ	ic lavatory fixture	Τ.	1
Lighting	415.1	Ballasta shall have	Pow	er Factors	no lees than .	30.	incurating, .	o ganon noi	-orougure	<u>. </u>		1	
Il required by Florida lav	u I bemb	olfis share the assessment	alc:	A 14 -	1								
ARCHITECT:	HI I INDIANA CEN	and men are stated to	sign i	a iu comb	Hence with Ine	Florida Ene	ngy Code.				Registration I	No.	
ELECTRICAL SYSTEM	DESIGNER:								~	W			
Lighting system de Mechanical system													
PLUMBING SYSTEM D	EBIGNER:						V41						_
Compliance with Chap	tor 4 was den	renotrated by a Pres	empt	IAS MOESI	ros mothedol	legy:				100000			
Detached Buildings <20		Д			o stores <5,00	n.pe O					5,000 sq.ñ.		
Skyboxos/sports stadiur Traffic asfety control low	9.75 10 3.160				7.7.pg 000,73				School	uildings	<5,000 sq.N.		
I hereby certify that the pla		plietry recovered by the anti-	_			-	100		-		. 4,000 sq.R.		
Florida Energy Coda					-/./	the F	florida Energi	Code. Belor	e construction	is comple	ulalion indicales con led, this building will i	pliance	s with ecied
PREPARED DY:	ding in in compile	ance with the Floride Free	ov Co	DATE:	2/11/05	for G	Ompliance In	accordance u	Alth Section 5	53.908, F.5	i,		
e e personal des	0		27 00			MUN	LANG DEFIC	HAL!					#

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Florida Building Code — Building

OWNER AGENT:

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			Orida energy Chapter 4						CTION	
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	-		Square : 1	2100 \$	2-E	Zone:				
Address:		-90 W		26069-	7.00		Classification	1:		
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					BUILDING IA		N	200		
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Insulation A-va	lue]		naulation R-value 30	o)	Insulation R		Othe		Double, rool	
					Bystems in	FORMATIO	N			
TYPE		ARCOND	no de Maio			NKA	ING BYRTEN		MOT WATE	R
Unitary & Hout	Pump		GIENCY	TONS	Central & Mo	at Pump	EFFICIENC)		TYPE	
<65,000 Bru	/h		SEER	3	<65,000 B	hu/h	6.8 HSPF	37,500	Resistance	121
≥85,000 Btu			_EERIPLV		≥65,000 B		COP		Dedicated Heat Pump	
Evaporetive			EERIPLV		Water cod Evaporativ	isty cooled	COP		Gen	П
PTAC			EER		Electric Rost	atanoa	COP	**Commission	Natural LPG	H
Chiller Gas heat pump			COPIPLV	-	Gas/Oil (oirol		AFILE		HRU	. 5
Other:	,			and the same of		300,000 Bw/			Other:	. 0
LIGHTING	Pot	al Lighting Wes	ege 1760	7)	1.3			MALANI ASIAN	Patrice D	0
Elebri ince		Conditioned Flo				te/8g, ft.	Amanad	CALCULATION	DUCTS R-value	
L	. O - O - C		1525) 	VOL	LES BY, IL.	MILLIONOU		LOCARON _	
			PRESCRIPTIN	VE MEABU	MES (Must b	e mest or es	coeded by all i	Leonibilise		
Componente		estion	Requirements	***************************************						Chacu
Operations Mar		102.1	Operations manual v						(Amount properties of the Control of	1
Windows & Dog Joints/Creats	D/B	608.1 608.1	Maximum: .3 c/m per To be caulted, gaste	BQ.ft. Of Win	dow area; Max	umum: 1,2 c	m per eq.ft. of d	oor area.		1
Dropped Celling							A CO			
Rehest	Cavity	408.1	Vented: seal and inst	ulate ceiling	(no T-bar cetti	nerwise şeşli ngs). Unventi	ed, no celling air	barrier: seal and i	naulate roof and aide walls.	le l
24	Cavity	407,1	Vented: seal and inst Electric resistance re	ulate ceiling	(no T-bar celli ed.	nga). Unvent	ed, no celling air		naulate roof and aide walls.	
Ventilation		407,1 409.1	Vented: seal and insu Electric resistance re Supplied with readily	ulate ceiling heat prohibit acceasible s	(no T-bar cellir led. swiich for shut-	ngs). Unvent	ed, no celling air	when ventilation is		
HVAC Efficienc	y	407,1	Vented: seal and inst Electric resistance re	ulate ceiling heat prohibit acceasible s — Heating: T	(no T-bar celli led. wijch for shut- rables 4-7, 4-8	off and/or vo	lume reduction to 3: Tables 4-3, 4-	when ventilation is 4, 4-5, 4-6.		· V
HVAC ENICIONC	y	407,1 409.1 407.1,409.1	Vented: east and insu Electric restatance re Supplied with readily Minimum efficiencies Separate readily acc Air ducts, fittings, mp	ulate ceiling heat prohibit acceasible a - Heating: T assible manu chanical equ	(no T-bar celling led. led) led) for shut- lad or automati dement and platement and pl	ngs). Unvento off and/or vo I, 4-9. Coolin ic thermostat enum chamb	iume reduction to g: Tables 4-3, 4- for each system era shall be med	when ventilation is 4, 4-6, 4-6,	not required.	
HVAC Efficience HVAC Controls HVAC Ducts	y	407,1 409.1 407.1, 408.1 407.1 410.1	Vented: seal and inst Electric resistance re Supplied with readily Minimum efficiencies Separate readily acc Air ducts, fittings, mo and installed in accor	ulate ceiling heat prohibit accessible a — Heating: T assible manu chanical equ mance with it	(no T-bar celling and the collection of the coll	ngs). Unventioned of snd/or voil and/or voil, 4-9. Cooling to thermostate anum chambection 410.1.	iume reduction to g: Tables 4-3, 4- for each system era shall be med	when ventilation is 4, 4-6, 4-6,	not required.	
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HVAC Efficienc HVAC Controls HVAC Ducts Belancing Piping Insulator	ν	407,1 408.1 407.1,408.1 407.1 410.1 410.1 419.1	Vented: seal and inst Electric resistance re Supplied with readily accordance with a coordance with It in accordance with It ac	ulate ceiling heat prohibit accessible a - Heating: 1 assible manu risance with a stem(s) teate able 4-11. arage water i anta in Table	(no 7-bar ceilined. notice for shut- rables 4-7, 4-8 sal or gurormati premarand pluberarand pluberarand pluberarand pluberarand dand balance sectors ≤120 g 4-12. Electric:	off and/or vo 1, 4-9. Coolin to thermostat enum chamb ection 410.1. ed.	ed, no celling air	when ventilation is 4, 4-6, 4-6, hanically attached rage water heaters 0-27/1, Gas >75,	not required.	
HVAC Efficienc HVAC Controls HVAC Ducts Belancing Piping Insulator	y n	407,1 408.1 407.1,408.1 407.1 410.1 410.1 419.1	Vented: seal and inst Electric resistance re Supplied with readily Minimum efficiencies Separate readily accor Air ducts, fittings, mo- and installed in accor MVAC distribution syr In accordance with Ti Automatic activic ato performance requirem Standby loss £ 1.304	ulate ceiling theat prohibit accessible accessible manuchanical equivalence with senior less than the senior less	(no 7-ber cettined. and or shuffich for shu	ngs). Unventition of and/or voil and/or voil, 4-9. Caolini, the mostate anum chambection 410.1. ad. 120 gellone: E, 78, Stand	ed, no celling air lume reduction ; g: Tables 4-3, 4- for each system era shall be med as & oil fired ator etendby loss ≤ 3.30-5 by loss ≤ 1.30-5	when ventilation is 4, 4-5, 4-6, chanically stached rage water heators 0+27/V _T . Gas >75,	of required. 5, sealed, insulated 5 <75,000 Blu/n shall meet 000, Oil >105,000: £1.78,	
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HVAC Efficienc HVAC Controls HVAC Ducts Belanding Piping Insulation Water Heaters Swimming Peol & Spas Hot Water Pipe	y n	407.1 409.1 407.1, 408.1 407.1 410.1 410.1 411.1 412.1	Ventad: eaal and inst Electric resistance re Supplied with readily Minimum efficiencies Separate readily acco Air ducts, fittings, mo and installed in accor MVAC distribution sy in accordance with Ti Automatic electric ato performance requirem Standby loss ≤ 1.304 Span & heated pools have a minimum than Piping heat loss is tim	ulate ceiling theat prohibit accessible accessible accessible manuchanical equivalence with the accessible 4-11. Trage water it sents in Table and in Table and afficience mal efficience mal efficience mal efficience	(no 7-bar ceilin led. Ables 4-7, 4-8 lal or gutomati ilpment and pi he criteria of s d and balance besiers ≤120 g 4-12. Electric Oil >155,000 overs. Non-co y of 76%.	ngs). Unvention of and/or voil and/or voil and/or voil of the mostate anum chambection 410.1. add. allona and gallons: E.78, Standammercial pool	iume reduction of Tables 4-3, 4- for each systemera shall be med as & oil fired store stendby lose ≤ 3 by loss ≤ 1.30-5 ble must have pu	when ventilation is 4, 4-5, 4-6,	of required. 5, seated, insulated 5 <75,000 Blu/h shall meet 000, Oil >105,000: £, .78, 8 & pool heaters must	
HVAC Efficienc HVAC Centrols HVAC Ducts Belanding Piping insulation Weter Meaters Swimming Pool & Spas	y n	407.1 408.1 407.1, 408.1 407.1 410.1 410.1 411.1 412.1	Vented: seal and inst Electric resistance re Supplied with readily accordance with a continuation of the c	ulate ceiling thest prohibit accessible accessible accessible manuchanical equivalence with astern(s) teste able 4-11. Intege water it sents in Table 114/Vr. Gua, must have a mal efficiency altered to the is	(no 7-ber ceilined. witch for shuf- rables 4-7, 4-8 all or guromati ilpment and plushe criteria of sid and balance sectors ≤120 g 4-12. Etsotric: Oil >155,000 overs. Non-co y of 76%.	ngs). Unventition of snel/or voil, 4-9. Cooling to thermostate anum chambes ection 410.1. Incl. Solution	ed, no celling air iume reduction (3: Tables 4-3, 4- for each system era shall be med as & oil fired ato) standby loss ≤ 3 by loss ≤ 1.30+ ple must have pu	when ventilation is 4, 4-5, 4-6, 1. Ananically attached to the state of the state	not required. 5, sealed, insulated 6 \$75,000 Elu/h shall meet 5000, Oil >105,000: £, .78, 8 & pool heaters must pe from a storage	
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FORM 400C- Limited and Spa		Midinas								C	Ilmate Zono	North 38 1 2 3
Project Name: V			BL	DG X	2-=	Zone:	000000	9 -0				***************************************
Address: 1)5	-90 W	EST	100			Building	Classific	ation;		- ·		
City, Zip Code:			205	5		Building	Permit P	Vo.:				
		ONSTRUC-				Permitti	ng Office	: COU	UMBIA	COL	MTY	
THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED I	TFIEL			-		Jurisdic						
					STILL SUBJECT IN		287					
WALLS		ROOFICE	LING		iuilding in	FLOORS	ON		西西西西西		GLA	288
TAPE	ARRA	YYPE	TUT	AREA	TAPE	u		TYPE		AREA	TYPE	LU AREA
Concrete (CBS) . Wood frame	15 220	Under Attic Single Assembly	- 03	1232	Slab-on-grad Raised Woo		1232	Wood	1,40	21	Single, wall Double, wall	.87 167
Metal frame		Other:			Raised Conc	rata		Insulated	1,90	4)	Single, roof	10/110/
Insulation A-value		Insulation R-value			Insulation R	ABIND		Other			Double, roof	
		CONTRACTOR OF THE PROPERTY OF	-	9	AND END IN	FORMATI	DN		MERCHANICAL	- CHILDREN PROPERTY		- ACTION - ACTION
	AIR CON	DOUGNER PICIENCY					TING BYS	DEM			HOT WAT	ER .
Unitary & Heat Pump		PIGIENGY		TONS	Central & Mo	or Diamo	EFFIG	IENCA	PTUA	Flocty		
<85,000 Btu/h	10	O SEER		3	<65,000 B		6.8	HSPF	37.50	200	istance	626
≥65,000 Btu/h		_EERIP	LV		≥65,000 Bi					7100	icated Heat Pumi	
Water cooled	_	EERIP	LV		Water cool			COP		Gas	13.33.0	C. bend
Evaporatively cools	d	EER			Evaporativ			COP		Nati		
PTAC Chiller	-	eer cop ipi	V		Electric Rosis Gas/Oil (circle			COP	-	LPG	i)	
Gas heat pump		COP				00.000 Bil	vh	AFUE	-	HRU Other:		
Other:					≥225,000/9	00,000 Ba	/h l	E,		Cirian.		
LIGHTING TO	al Lighting We	ettege 17	60		1.4		913	ING CALC	JLATION	D	UCTS A-value	0
	Conditioned Fi	oor Area 12	32			te/eg.ft.		ached				ATTIC
							1	-				
	No. of the local division in the local divis	PRESCRIP	TIVE	MEASU	RES (Must be	nost or a	seconded h	the file of	nos l			
Componente	Beatten	Regulaments						7		Series Sentence		Check
Operationa Manual	102.1	Operations manu					***************************************					1
Windows & Doors	400.1	Maximum: .3 c/m	per sq	.fl. of win	dow area; Max	dmum: 1,2	ofm per sq.	ft. of door ar	8B.			1
Jointe/Cracks Dropped Celling Cavity	408.1 408.1	To be caulted, ga								ina laka		
Reheat	407,1	Electric resistance				ga). unven	ted, no cen	ing air barrie	ir: Besi and	IUSTIBLE I	oor and alea wall	8. 1
Ventilation	409.1	Supplied with read				off and/or v	olume redu	ction when	ventilation i	a not requ	ilred.	
HVAC Efficiency	407.1, 409.1	The state of the s							4-6.			
HVAC Controls	410.1	Air ducts, fittings,							-WMh-			V
No Pie Guota	310.1	and installed in ac	COMIS	nness equ	ipment and ple	enion A10	oera anali o I	NE PROPINE	any arraone	D, Sealed	, insulated	
Belancing	410.1	MVAC distribution										Rosent
Piping Insulation	419.1	In accordance with							-			R.
Water Heaters	412.1	Automatic electric	atorag	ge water h	estera ≤120 g	allona and (gas & oil fire	ed alorage w	rater heato	18 \$75,000) Blu/h shall meet	t
		Stancey loss s 1.3							V _T . Ges >75	,000, OII ,	-105,000: E ₁ .76,	
Swimming Pools	412.1	Span & heated po							mer. Gas s	Soon & Bes	hesters must	100
A Spas		have a minimum t	norma	l efficienc	y of 78%.							N/A
Hot Water Pipe Insulation	412.1	Piping heat loss is tank.	limite	d to the is	vela in Table 4	-11 for alra	ulating syst	ome and the	first 6' of p	ipe from	a storage	11/
Water Fixtures	412.1	Shower head water	r flema	restricted	to maximum a	12 A anm .	st 60 nei Tr	ollete most A	OCED DOO	5(h) 5	c Inventory flature	
THE PARTY OF THE P	mar 1	maximum flow of .									C INVENDITY NEXULE	1
Lighting	415.1	Ballasta shall have					-		-			No.
		90CCC					-		~~			1
Il required by Florida la	w, I hereby ce	ndly that the ayatem do	sign i	s in comp	llance with the	Florida End	ergy Code.				Registration	No.
ARCHITECT:	DEDICHES.		-		*****							
ELECTRICAL SYSTEM LIGHTING SYSTEM DE									~			
MECHANICAL SYSTEM	M DESIGNER	,	101		~							
PLUMBING SYSTEM D							~~~~					
Compliance with Chap	Mar 4 ware des	menotrated by a Pwa	erine	va Masan	ima masheda	leary.						
Detached Buildings <20		41679			o stores <5,00				Oction !	uildines	£ 200 4-	
Skybones/sports stadius		8			0 310195 <5,00 1 <5,000 8q.R.	₩ 04.II.					5,000 sq.ft. <5,000 sq.ft.	8 1
Traffic safety control to		ä			45,000 sq.R.						<5,000 sq.n.	HI
I hereby certily that the of	ano and storic	miles countries by the an	louist-	n nea la co		-	-					
Florida Energy Coda) / arm apacies	mental of the case of the case	icus and		//	the					ulation indicates con led, this building will	
PREPARED BY:	11	1		DATE:	2/11/05	tord	ompliance In	accordance w	Alth Section 5	53.908, F,S		
I hereby certify that this bu	ilding in in compl	lance with the Florida Ene	rgy Co	de	,,		LDING OFFIC	CIAL!				

CHARGE AGENT: DATE DATE DATE

Florida Building Code — Building

-								- Arthur			
	F	LORIDA EN								HOIT	
FORM 400C-	01	CHAP		4 — Con	mercial f	งนแตเกฐ	Compi	iancs ia	ignoda		NORTH
Limited and Spe		ildings								Climate Zone	8 1 2 3
Project Name: V	ILLAGE	SOLIARE	· B	LDG #	2-G	Zone:					
Address: US	-90 W	EST	,				Classific				
City, Zip Code:				2055			Permit N				
		ONSTRUC	TIC	2N		Jurisdict	ng Office	- COI	UMBIA	A COUNTY	
Owner: WEST	FIELD	GROUP				Julisdici	IOH NO.,			and the second	-
WALLA			Likeran		BUILDING IN		ON				88
	AREA	TYPE		U AREA	TYPE	FLOORS	AREA	TYPE	DOORS	AREA TYPE	U AREA
Concrete (CBS) / I	5 223	Under Attic Single Assembly	-	.03 1250	Slab-on-gra Raised Woo		1250	Wood	.40	Single, wall 2-1 Double, wall	.87 375
	3 134-3	Other: Insulation R-value		301250	Raised Con Insulation R	crete		Insulated Other		Single, roof	
THEORETION N-ARMO		MISCHISTIAN M-ABIL	NV 1					Onisi		Double, (ob)	
	AIR CON	DITIONER		1990-1	SYSTEMS IN		TING SYS	PEM		T HOT WATE	IR .
Unitary & Heat Pump		PICIENCY		TONS	Central & He		EFFIC		FTUM		
<65,000 Btu/h	10	— Olia in. 1		_3_	<65,000 B	hu/h	6.8		37,500	Resistance	Ø
≥65,000 Btu/h Water cooled		EER	_ IPL\ _ IPL\		≥65,000 B Water cod		!	COP COP	-	Dedicated Heat Pump Gas	
Evaporatively cools		EER	_ " "		Evaporath	vely cooled		COP		Natural	
PTAC Chiller	=	eer cop	_ IPL\	, —	Electric Resi Gas/Oil (circ			COP	-	LPG	₫
Gas heat pump	_	COP	- " -		<225,000/	300,000 Btu		AFUE		HRU Other:	_
Other:			-			300,000 Bt	/h!	<u> </u>			
	tal Lighting W		170		1.4				ULATION	DUCTS R-value _	6
1 out t	Conditioned F	loor Area	125	0	Wat	tts/eq.ft.	An	ached		Location _	ATTIC
		PRES	RIPT	IVE MEASU	MES (Must b	e met or e	ceeded b	v all bulls	inos.)		
Componente	Section	Requiremen	ts								Check
Operations Manual Windows & Doors	102.1			will be provid	ed to owner. Idow area; Ma	10					larente
Jointe/Cracks	408.1				retripped or of			I. OI GOOT B	798.		1
Dropped Celling Cavity Reheat	408.1 407.1	Vented: seal	and in	sulate ceiling	(no T-bar cetti	ngs). Unven	ted, no cell	ing air barr	ler: seal and it	naulate roof and aide walls	. 1
Ventilation	409.1			reheat prohibi	tea. switch for shut	off and/or v	olume redu	ction when	ventilation is	not required	
HVAC Efficiency HVAC Controls	407.1, 409.1	Minimum effi	blencle	es - Heating: "	Tables 4-7, 4-6	1, 4-9. Cooli	ng: Tables	4-3, 4-4, 4-	5. 4-6.		
HVAC Ducts	410.1	Air ducts, fitti	ngs, m	echanical equ	ual or automat	enum cham	bers shall b	iystem. Ne mechani	cally attached	, sealed, insulated	- Indiana
Belancing	440.4	and installed	in acc	ordance with i	the criteria of s	section 410.					lament .
Piping Insulation	410.1	In accordance			ed and balance	ed.					
Water Heaters	412.1	Automatic ele	ctric s	torage water	heatera ≤120 g	gallona and	gas & oil fir	ed atorage	water heaters	≤75,000 Btu/h shall meet	
		Standby loss	equire s 1.30	ments in Table ⊶114/V⊷. Gan	4-12. Electric , Oil >155,000	>120 gallom	s: standby lo	88≤.30+27 1 30+95∧-	N _T . Gas >75,0	000, Oil >105,000: £; .78,	1
Swimming Pools	412,1	Spas & heats	d pool	s must have d	covers. Non-co	mmercial p	ools must h	ave pump i	imer. Gas spa	sum stetted loog & a	
A Spas Hot Water Pipe	412.1	Piping heat lo				4-11 tor gira	ulatino svat	ame and th	e first R' of nir	oe from a storage	N/A
Insulation Water Fixtures	140.4	tank.									
Admi Lather	412.1	maximum flor	water 8. to v	now restricted	d to maximum I-closing valve	of 2.5 gpm : 25 gallon	ut 60 pai, To circulating	Dieta maet 5 gallon no	42CFR 6295(k). Public lavatory fixture	
Lighting	615.1	Ballasts shall	have	ower Factors	no less than	.90.			on conducting.		
If required by Florida la	w I barahu ca	wife that the avete	en des	lan is is s	Daniel III de la company	Florido Po					
ARCHITECT:	W, I Hereby Ce	ruly uses the ayan	III ÇGS	ign is in comp	Mance with the	9 Florida En	argy Code.			Registration I	No.
ELECTRICAL SYSTEM	DESIGNER:								~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
LIGHTING SYSTEM DI MECHANICAL SYSTEM	ESIGNER: _ M DESIGNER	•		***							
PLUMBING SYSTEM D	ESIGNER:_		***	1000			~~~~~				
Compliance with Char	oter 4 was de	monstrated by a	Prasc	nptive Meas	ures methodo	ology:				THE RESERVE OF THE PERSON OF T	
Detached Buildings <20		8			ce stores <5,0				Office bu	ildings <5,000 sq.ft.	
Skyboxes/sports stadius Traffic safety control tox	rms enew	8			7. pe 000,72 es					uildings <5,000 sq.ft.	
I hereby certify inal the pi							-			pulldings <5,000 sq.ft.	
Florida Energy Code	aria and apacin	Incliants governor by	HB CBIC	uiation are in c	-1.1	the				this calculation indicates com is completed, this building will t	
PREPARED BY:	iding in in con-	Anno with the Elect	9 Fran	DATE:	2/11/05	tord	ompliance in	accordance	with Geotlan 55	3.908, F.S.	
OWNER AGENT:	noing in comp	THE PORT OF THE PROPERTY.	a Ener	gy Code DATE							
				· ··· DATE		DA	Ei				

FLORIDA BUILDING CODE — BUILDING

CHECK

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CLIMATE ZONES 1 2 3

PRESCRIPTIVE REQUIREMENTS LIST*

*All Basic Prescriptive Requirements, designated in the Code by ".1.ABCD" and summarized on the front of this form, must also be met.

FORM 400C-01 METHOD C Table 4C-1 Detached Commercial Buildings Less than 200 sq.ft. No limit. Glass Area: Minimum 1 foot if not under another structure; or Overhang: No overhang with a glazing Solar Heat Gain Coefficient of 0.48 or less. Minimum insulation level Walls: Frame walls - R-11. Masonry walls - R-5. Minimum insulation level - R-19. Roofs/Cellings: Minimum insulation level - None. Floors: Code minimums as per section 407.1.ABCD.3. Cooling System: Code minimums as per section 408.1.ABCD.3. Heating System: Table 4C-2 Skyboxea or Sports Stadiums No limit with glazing Solar Heat Gain Coefficient of 0.48 or less. Glass: None required. Overhang: Minimum insulation level Walls: Frame walls - R-11. Masonry walls - R-5. Minimum insulation level - R-19. Roots/Cellings: Minimum insulation level Floors: Frame floor - R-19. Concrete floor - None. Minimum equipment efficiency requirements Cooling System: Air cooled - 10.0 EER or 10.5 SEER. Water cooled - 11.0 EER. Code minimume as per section 408.1.ABCD.3. Heating System: A programmable setback shall be installed for in-season use; At least one humidistat control per zone shall be installed for off-season use. Air Distribution: EXCEPTION: installation of a central energy management system. Total connected waitage shall not exceed 1.8 waits per square foot of conditioned space. Lighting: Table 4C-3 Traffic Safety Control Towers No limit. Minimum 1 foot if not under another structure; or Overhand: No overhang with a glazing Solar Heat Gain Coefficient of 0.48 or less. Minimum insulation level Walls: Frame walls - R-11. Masonry walls - R-5. Minimum insulation level — R-19. Roofs/Cellings: Minimum insulation level - None. Floors: Code minimums as per section 407.1.ABCD.3. Cooling System: Code minimums as per section 408.1.ABCD.3. Heating System: Total connected wartage shall not exceed 2.1 watts per square foot of conditioned space. Lighting: Table 4C-4 General Requirements for Building Packages <5,000 sq.ft. Slab-on-Grade FLOOR: R-19 Raised Wood **R-7 Palsed Concrete** R-7 (exterior, adjacent and common) WALL: Masonry R-11 (exterior, adjacent and common) Wood Frame R-13 (exterior, adjacent and common) Metal Frame R-19 Insulation above Deck ROOF: R-19 Insulation in Attic or Dropped Celling Cavity Code minimums in section 406.1.ABCD.1 INFILTRATION: Code minimums in section 410.1.ABCD.2 DUCTS: Code minimums in section 412.1,ABCD.3

LIGHTING CONTROLS: Each space must have the lights divided into at least two "banks" — each one with a manual On/Off switch;
OR Each space must have one occupancy sensor (or other automatic control) to turn the lights on and off.

FLORIDA BUILDING CODE — BUILDING

13.164

DOMESTIC HOT WATER:

3867582160

FORM 400C-01

CLIMATE ZONES 1 2 3

HVAC, GLASS AREA, AND LIGHTING: See Chart below. Select and circle the desired combination of glass-to-wall area percentage (GL AREA %) and lighting level (W/SF) based on the type of HVAC system and efficiency. Report the levels installed on the front of the form.

Table 4C-5			CO	NVENIENCE 8	UILDING < 5,0	00 SF			
		MAXIMUM	ALLOWABLE	GLASS ARE	A % AND ALLC	WABLE LIGH	TING W/SF		
	Cooling Equ		ity ≥85,000 B1u			47		Capacity <8	6,000 Btu/h
EED.	8.9-9.0		1-10.0		0.1-11.0	EER: 1	1.1-UP	SEER:	10.0-UP
GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF
15	2.7	15	2.7	15	3.1	15	3.5	15	3.5
25	2.4	25	2.9	25	2.9	25	3.1	25	3.1
25				35	2.4	35	2.7	35	2.7
			- 1			45	2.1	45	2.1
lazing:						And He	at Pump	And He	at Pump
olar Heat Gali	n Coefficient <=	0.87				COP:	> = 3.0	HSPF:	>= 6.8
						55	3.9	55	3.9

Table 4C-6	RESTAURANT BUILDING < 5,000 SF								
		MAXIMU	ALLOWABLE	GLASS ARE	A % AND ALLO	WABLE LIGH	ting w/sf		
	Cooling Equ		Hy ≥65,000 Btu		A STATE OF THE PARTY OF THE PAR			Capacity <6	5,000 Btu/h
FFR:	8.9-9.0	EER: 9	0.1-10.0	EER: 1	D.1-11.0	EER: 1	1.1-UP	SEER:	10.0-UP
GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/\$F	GL AREA	LIGHTING W/SF	GL AREA %	LIGHTING W/SF
30	1,0	30	1.2	30	1.4	30	1.8	30	1.6
35	0.8	35	1,0	35	1.2	35	1.4	35	1.4
		40	0.8	40	1.0	40	1.2	40	1.2
lanta.	ı			45	0.8	45	1.0	45	1.0
lazing:	Coefficient -	0 77 or		50	0.6	50	0.8	50	0.8
olar Heat Gain Coefficient <=0.77 or						And Heat Pump		And Heat Pump	
ouble Pane						COP:	> = 3.0	HSPF:	>= 6.8
						65	1.8	65	1.8

Table 4C-7		retail building < 5,000 SF								
		MAXIMUR	ALLOWABLE	GLASS ARE	A % AND ALLO	WABLE LIGH	iting w/sf			
	Cooling Equi	pment Capaci	ty ≥65,000 Btu	/n, Room Unit	s, PTACs			Capacity <6	5,000 Btu/h	
EEA:	9.9-9.0	EER: 9	,1-10.0	EER: 1	0.1-11.0	EER:	11.1-UP	SEER: 10.0-UP		
GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	
35	2.2	35	2.4	35	2.5	35	2.6	35	2.6	
45	2.0	45	2.2	45	2.3	45	2.4	45	2.4	
		55	2.0	55	2.1	55	2.2	55	2.2	
azing:	Ľ				Trailit.	And Me	at Pump	And He	at Pump	
	n Coefficient <=	0.87				COP:	> = 3.0	HSPF:	> = 6.8	
iai neat Gal	Committeen <=	0.07			1	65	3.0	65	3.0	

FORM 400C-97

CLIMATE ZONES 1 2 3

HVAC, GLASS AREA, AND LIGHTING; See Chart below. Select and circle the desired combination of glass-to-wall area percentage (GL AREA %) and lighting level (W/SF) based on the type of HVAC system and efficiency. Report the levels installed on the front of the form.

Table 4C-8		91		OFFICE BUIL	DING < 5,000 S	F			
		MAXIMU	ALLOWABLE	GLASS ARE	A % AND ALLO	WABLE LIGH	ting W/SF		
	Cooling Equ	Ipment Capac	ity ≥85,000 Biu	/h, Room Unit	s, PTACs			Capacity < 8	5,000 Btu/h
FER:	8.9-9.0	EER: 9	0.1-10.0	EER: 1	0,1-11.0	EER: 11.1-UP		SEER: 10.0-UP	
GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GL AREA %	LIGHTING W/SF
20	2.0	20	2.2	30	2.2	25	2.4	25	2.4
25	1.8	30	2.0	40	2.0	36	2.2	35	2.2
		35	1.8	45	1.8	45	2.0	45	2.0
				<u> </u>		50	1.8	50	1.8
lazing:	C - 411-1	A 84				And He	at Pump	And Me	at Pump
olar Heat Gal	n Coefficient <=	0.01				COP:	> = 3.0	H\$PF:	>= 6.8
					-	75	2.2	75	2.2
							J		

Table 4C-9				SCHOOL BUIL	DING < 5,000 !	8F			
		MAXIMU	M ALLOWABLI	E GLASS ARE	A % AND ALLO	WABLE LIGH	ting W/SF		
	Cooling Equ	ipment Capac	ity ≥85,000 Btu	/h, Room Unit	s, PTACE			Capacity <6	15,000 Blu/n
EER:	8.9-9.0	EER: 9	9.1-10.0	EER: 1	0.1-11.0	EER:	11.1-UP	SEER:	10.0-UP
GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GL AREA %	LIGHTING W/SF	GL AREA %	LIGHTING W/SF	GL AREA	LIGHTING W/SF
20	1.6	20	1.8	20	2.0	20	2.2	20	2.2
25	1.4	25	1.6	25	1.8	25	2.0	25	2.0
***************************************		30	1.4	30	1.6	30	1.8	30	1.8
lazing:		·	* 1	35	1.4	35	1.6	35	1.6
•	n Coefficient <=	0.87	1			40	1.2	40	1.2
Oldi Hedi Cal	11 000111010111 <=	0.07				And He	at Pump	And He	at Pump
)	COP:	> = 3.0	HSPF:	>=6.8
						60	2.6	60	2.6
					1			lane.	

Table 4C-10	STORAGE BUILDING < 5,000 BF								
		IUMIXAM	W ALLOWABLE	GLASS ARE	A % AND ALLO	WABLE LIGH	TING W/SF		
	Cooling Equ	Ipment Capac	ity ≥65,000 Btu	/h, Room Unit	s, PTACs	1.1111		Сарасиу <6	5,000 Btu/h
EER:	EER: 8.9-9.0 EER: 9.1-10.0			EER: 1	EER: 10.1-11.0		1.1-UP	SEER: 10.0-UP	
GL AREA	LIGHTING W/SF	GL AREA	LIGHTING W/SF	GLAREA	LIGHTING W/SF	GL AREA %	LIGHTING W/SF	GL AREA	LIGHTING W/SF
5	0.6	5	0.74	5	0.85	5	0.85	5	0.85
***************************************		15	0.1	15	0.35	15	0.47	15	0.47
	Ľ			25	0.10	25	0.37	25	0.37
lazing:			,			And He	at Pump	And He	at Pump
	Coefficient <=	0 77 or				COP:	> = 3.0	HSPF:	>=6.8
sulated		yez			Į.	40	1,25	40	1.25

13.166

FLORIDA BUILDING CODE — BUILDING

Cal-Tech Testing, Inc.

• Engineering

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

Geotechnical

6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)4047

 Environmental Laboratories

JOB NO.: 05-010 **DATE TESTED:** 5/25/2005

~

DATE REPORTED: 6/1/2005

REPORT OF IN-PLACE DENSITY TEST

PROJECT:

Village Square @ US - 90

CLIENT:

Simque Construction, PO Box 2962, Lake City, FL 32056

GENERAL CONTRACTOR:

Simque Construction

EARTHWORK CONTRACTOR:

Simque Construction

INSPECTOR:

T. Hygema

ASTM METHOD (D-2922) Nuclear ~

La Creamer

SOIL USE

BUILDING FILL

SPECIFICATION REQUIREMENTS:

95%

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft³)	MOISTURE PERCENT	DRY DENSITY (lb/ft³)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
PAD						***************************************		
1	25'W x 12'N from SE Corner	0 - 12"	123.2	8.3	113.8	1	114.8	99.1%
2	Center of Pad	0 - 12"	122.7	9.0	112.6	1	114.8	98.1%
3	24'E x 20'S from NW Corner	0 - 12"	122.3	8.7	112.5	1 -	114.8	98.0%
4	20'E x 10'N from SW Corner	0 - 12"	121.5	7.5	113.0	1	114.8	98.5%

REMARKS:

The Above Tests Meet Specification Requirements.

		PROCTORS		
TEST NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (Ib/ft³)	OPT. MOIST.	· TYPE
1	Gray Sand w/ Trace Clay	114.8	12.0	MODIFIED (ASTM D-1557)

Respectfully Submitted, CAL-TECH TESTING, INC.

Linda M. Creamer President - CEO

Reviewed By:

John C. Dorman, P.E., PhD Florida Registration No.: 52612

Date: 6/1/05

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 of conditions can vary between test locations and

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Cal-Tech Testing, Inc.

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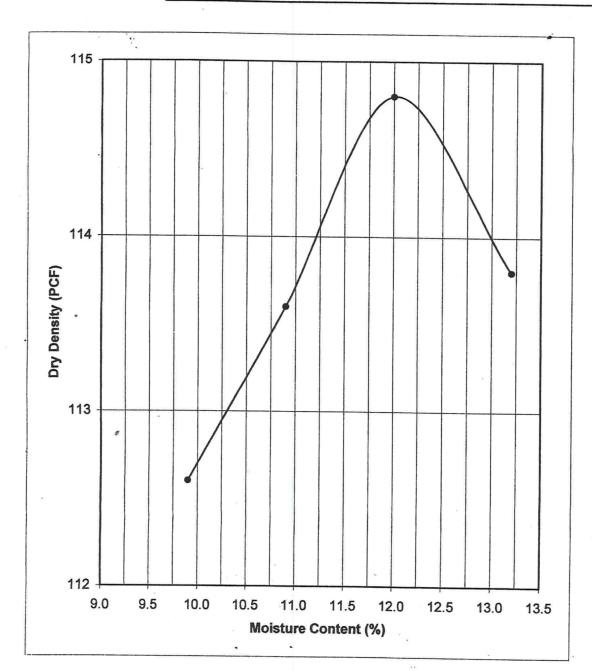
P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456

6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)4047

REPORT OF LABORATORY COMPACTION TEST

Client: **Project Name: Project Location:** Contractor:

Simque Construction, PO Box 2962, Lake City, FL 32056 Village Square @ US - 90 File No: Date: 6/1/2005 Lake City, Florida Lab No: 7552 Simque Construction



PROCTOR DATA					
Proctor No.:	1				
Modified Proctor (ASTM D-1557)	7				
Standard Proctor (ASTM D-698)					
Maximum Dry Dens. Pcf:	114.8				
Optimum Moisture Percent:	12.0				

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

Sample Location: Proposed Use: Sampled By: Tested By:

Remarks:

Sample Description: Gray Sand w/ Trace Clay

Date:

Date:

Existing Material

Building Fill

T. Hygema

W. McCollum 1cc: Client

1cc: File

Linda M. Creamer

5/25/2005 5/26/2005

Reviewed By: Date:

President - CEO

FL Registration No:

52612

inda Cream

ta

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525 (exp. 10/31/2005)

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control (Operator and builder, unless stated otherwise. # 23409
Section 1: General Information (Treating Company In	nformation)
Company Name: Aspen Post Control, Inc. Company Address: 301 NW Cole Terrace Company Business License No. 48103476 FHA/VA Case No. (if any)	City Lake City State Zip Zip Company Phone No.
Section 2: Builder Information	
Company Name: David 5: mgv	Company Phone No.
Section 3: Property Information	
Location of Structure(s) Treated (Street Address or	Legal Description, City, State and Zip) Uillay - Square U.S. Huy 90 22 62 7.7. Fl.
Type of Construction (More than one box may be of Approximate Depth of Footing: Outside	
Approximate Total Gallons of Solution Applied Was treatment completed on exterior? Yes Service Agreement Available?	Linear ft Linear ft. of Masonry Voids No No Is to be issued. This form does not preempt state law.
Comments	
Name of Applicator(s) 5/404 Brann	Certification No. (if required by State law)
The applicator has used a product in accordance with the federal regulations.	product label and state requirements. All treatment materials and methods used comply with state and
Authorized Signature	Date 7-25-05-
	Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)
Form NPCA-99-B may still be used Reorder Product #2581 • From Crown Graphics, Inc. • 1-800-252-4011	form HUD-NPCA-99-B (04/2003)

23409



LAKE CITY / COLUMBIA COUNTY

FIRE - RESCUE

225 NW Main Blvd., Suite 101, Lake City, FL 32055

Phone: 386-752-3312 Fax: 386-758-5424

e-mail: lcfd@se.rr.com

alwilson@se.rr.com (Fire Chief)

Inspection Division

Firesafety Inspectors

Carlton A. Tunsil Assistant Fire Chief

Frank E. Armijo Captain

Captain

To:

Columbia County Building Department

Nathiel L. Williams, Sr. Driver/Engineer

FROM:

Frank E. Armijo, Captain

State Fire Inspector License #112877

DATE:

December 14, 2005

SUBJECT:

Fire Safety Inspection

A fire safety inspection was performed today at Village Square suite 102, 104, 106, 114, located at 90 west, Lake City, FL. This business meets all requirements of Chapter 38 of the Florida Fire Prevention Code, 2004 Edition. No violations were noted. I recommend approval.

Frank E. Armijo, Captain

State Fire Inspector License #112877

