FORM 405-10

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name.	ARLINGTON 3D 15 - JACKSONVILLE	Builder Name:	MARONDA HOMES
Street.		Permit Office:	
City, State, Zip	, FL ,	Permit Number·	
Owner	MARONDA HOMES	Jurisdiction:	
Design Location.	FL, Jacksonville		

1	New construction or existing	New (From Plans)
2	Single family or multiple family	Single-family
3	Number of units, if multiple family	1
4	Number of Bedrooms	3
5	Is this a worst case?	Yes
6	Conditioned floor area above grade (ft²)	1877
	Conditioned floor area below grade (ft²)	0

7 Windows(158 0 sqft)	Description	Area
a. U-Factor	Dbl, U=0.34	158 00 ft²
SHGC	SHGC=0.23	
b. U-Factor	N/A	ft²
SHGC		
c U-Factor	N/A	ft²
SHGC		
d U-Factor·	N/A	ft²
SHGC		
Area Weighted Average Overhang Depth		1 000 ft.
Area Weighted Average SHGC:		0 230

8 Floor Types (1877 0 sqft)	Insulation	Area
a Slab-On-Grade Edge Insulation	R=0 0	1877.00 ft²
b N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types (1710.0 sqft.)	Insulation	Area
a. Concrete Block - Int Insul, Exterior	R=4.1	1494.00 ft²
b Frame - Wood, Adjacent	R=13.0	216 00 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types (1877.0 sqft.)	Insulation	Area
a. Under Attic (Vented)	R=30.0	1877.00 ft²
b N/A	R=	ft²
c N/A	R=	ft²

11. Ducts	R	ft²
a. Sup· Attic, Ret: Main, AH· Main	6	375

12. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	34 8	SEER:15 00

13. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	34.8	HSPF.8 70

14. Hot water systems	
a Electric	Cap: 50 gallons
	EF: 0.900
b. Conservation features	
None	
15 Credits	Pstat

Glass/Floor Area: 0.084

Total Proposed Modified Loads: 26.86

Total Standard Reference Loads: 39.99

PASS

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

PREPARED BY: KENNETH WAYNE CAMPBELL JR

DATE: 9/16/13

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

OWNER/AGENT: KENNETH WAYNE CAMPBELL JR

DATE: 9/16/13

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 with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____

- **Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with 403.2.2.1.1.**
- **Compliance requires completion of a Florida Air Barrier and Insulation Inspection Checklist**

LOT 27/1 TIMBERLANDS

226 SW MULBERRY DR, LAKE CITY FL 32024

PROJECT

Title	ARLINGTON 3D 15 - JACKS	Bedrooms:	3	Address Type.	Street Address
Building Type:	User	Conditioned Area:	1877	Lot #	
Owner:	MARONDA HOMES	Total Stories:	1	Block/SubDivision:	
# of Units.	1	Worst Case.	Yes	PlatBook:	
Builder Name:	MARONDA HOMES	Rotate Angle	225	Street:	
Permit Office		Cross Ventilation.	No	County:	Columbia
Jurisdiction:		Whole House Fan.	No	City, State, Zip:	, FL ,
Family Type	Single-family				
New/Existing:	New (From Plans)				
Comment.					

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Jacksonville	FL_JACKSONVILLE_INT	2	32	93	70	75	1281	49	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	1877	16893

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	1877	16893	Yes	4	3	1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Main	185 ft	0	1877 ft²	----	0	0 4	0 6

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul	Pitch (deg)
_____	1	Hip	Composition shingles	2099 ft²	0 ft²	Medium	0 85	No	0 9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	150	1877 ft²	Y	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Main	30	1877 ft²	0.07	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
	1	N=>SW	Exterior	Concrete Block - Int Insul	Main	4 1	20	0	9	0	180.0 ft²	0	0	0.6	0
	2	E=>NW	Exterior	Concrete Block - Int Insul	Main	4 1	58	0	9	0	522.0 ft²	0	0	0.6	0
	3	S=>NE	Exterior	Concrete Block - Int Insul	Main	4.1	40	0	9	0	360 0 ft²	0	0	0.6	0
	4	W=>SE	Exterior	Concrete Block - Int Insul	Main	4.1	48	0	9	0	432.0 ft²	0	0	0.6	0
	5	N=>SW	Garage	Frame - Wood	Main	13	27	0	8	0	216 0 ft²		0.19	0.01	0

DOORS

√	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
	1	N=>SW	Insulated	Main	None	16	3		6	8	20 ft²
	2	N=>SW	Insulated	Main	None	.16	2	6	6	8	16.7 ft²

WINDOWS

Orientation shown is the entered orientation (=>) changed to Worst Case

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
	1	N=>SW	1	Vinyl	Low-E Double	Yes	0 34	0.23	30.0 ft²	1 ft 0 in	5 ft 0 in	Drapes/blinds	None
	2	E=>NW	2	Vinyl	Low-E Double	Yes	0.34	0.23	20.0 ft²	1 ft 0 in	2 ft 0 in	Drapes/blinds	None
	3	E=>NW	2	Vinyl	Low-E Double	Yes	0 34	0.23	15.0 ft²	1 ft 0 in	2 ft 0 in	Drapes/blinds	None
	4	S=>NE	3	Vinyl	Low-E Double	Yes	0.34	0.23	48.0 ft²	1 ft 0 in	1 ft 0 in	Drapes/blinds	None
	5	W=>SE	4	Vinyl	Low-E Double	Yes	0.34	0.23	30.0 ft²	1 ft 0 in	2 ft 0 in	Drapes/blinds	None
	6	W=>SE	4	Vinyl	Low-E Double	Yes	0 34	0.23	15.0 ft²	1 ft 0 in	2 ft 0 in	Drapes/blinds	None

GARAGE

√	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
	1	375 ft²	375 ft²	52 ft	9 ft	1

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Best Guess	.0003	1477	81.09	152.49	231	5.246

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
	1	Electric Heat Pump	None	HSPF· 8 7	34 8 kBtu/hr	1	sys#1

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
	1	Central Unit	None	SEER: 15	34 8 kBtu/hr	1044 cfm	0.73	1	sys#1

HOT WATER SYSTEM

√	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	None	Garage	0.9	50 gal	47 gal	120 deg	None

SOLAR HOT WATER SYSTEM

√	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	None	None			ft²		

DUCTS

√	#	---- Supply ---- Location	R-Value	Area	---- Return ---- Location	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	Cool
_____	1	Attic	6	375 ft²	Main	20 ft²	Default Leakage	Main	(Default)	(Default)			1	1

TEMPERATURES

Programable Thermostat. Y

Ceiling Fans:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Heating	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Venting	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

MECHANICAL VENTILATION

Type	Supply CFM	Exhaust CFM	Fan Watts	HRV	Heating System	Run Time	Cooling System
None	0	0	0	0	1 - Electric Heat Pump	0%	1 - Central Unit

FORM 405-10

Florida Code Compliance Checklist

Florida Department of Business and Professional Regulations
Residential Whole Building Performance Method

ADDRESS:	PERMIT #:
, FL,	

MANDATORY REQUIREMENTS SUMMARY - See individual code sections for full details.

COMPONENT	SECTION	SUMMARY OF REQUIREMENT(S)	CHECK
Air leakage	402.4	To be caulked, gasketed, weatherstripped or otherwise sealed. Recessed lighting IC-rated as meeting ASTM E 283. Windows and doors = 0.30 cfm/sq.ft. Testing or visual inspection required. Fireplaces: gasketed doors & outdoor combustion air. Must complete envelope leakage report or visually verify Table 402.4.2.	✓
Thermostat & controls	403.1	At least one thermostat shall be provided for each separate heating and cooling system. Where forced-air furnace is primary system, programmable thermostat is required. Heat pumps with supplemental electric heat must prevent supplemental heat when compressor can meet the load.	✓
Ducts	403.2.2 403.3.3	All ducts, air handlers, filter boxes and building cavities which form the primary air containment passageways for air distribution systems shall be considered ducts or plenum chambers, shall be constructed and sealed in accordance with Section 503.2.7.2 of this code. Building framing cavities shall not be used as supply ducts.	✓
Water heaters	403.4	Heat trap required for vertical pipe risers. Comply with efficiencies in Table 403.4.3.2. Provide switch or clearly marked circuit breaker (electric) or shutoff (gas). Circulating system pipes insulated to = R-2 + accessible manual OFF switch.	✓
Mechanical ventilation	403.5	Homes designed to operate at positive pressure or with mechanical ventilation systems shall not exceed the minimum ASHRAE 62 level. No make-up air from attics, crawlspaces, garages or outdoors adjacent to pools or spas.	✓
Swimming Pools & Spas	403.9	Pool pumps and pool pump motors with a total horsepower (HP) of = 1 HP shall have the capability of operating at two or more speeds. Spas and heated pools must have vapor-retardant covers or a liquid cover or other means proven to reduce heat loss except if 70% of heat from site-recovered energy. Off/timer switch required. Gas heaters minimum thermal efficiency=78% (82% after 4/16/13). Heat pump pool heaters minimum COP= 4.0.	N/A
Cooling/heating equipment	403.6	Sizing calculation performed & attached. Minimum efficiencies per Tables 503.2.3. Equipment efficiency verification required. Special occasion cooling or heating capacity requires separate system or variable capacity system. Electric heat >10kW must be divided into two or more stages.	✓
Ceilings/knee walls	405.2.1	R-19 space permitting.	✓

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 67

The lower the EnergyPerformance Index, the more efficient the home.

, , FL,

1	New construction or existing		New (From Plans)
2.	Single family or multiple family		Single-family
3	Number of units, if multiple family		1
4	Number of Bedrooms		3
5	Is this a worst case?		Yes
6	Conditioned floor area (ft²)		1877
7	Windows**	Description	Area
	a U-Factor	Dbl, U=0.34	158.00 ft²
	SHGC·	SHGC=0.23	
	b. U-Factor·	N/A	ft²
	SHGC:		
	c U-Factor:	N/A	ft²
	SHGC:		
	d. U-Factor	N/A	ft²
	SHGC:		
	Area Weighted Average Overhang Depth·		1.000 ft.
	Area Weighted Average SHGC		0 230

8	Floor Types	Insulation	Area
	a Slab-On-Grade Edge Insulation	R=0.0	1877.00 ft²
	b. N/A	R=	ft²
	c N/A	R=	ft²

9.	Wall Types	Insulation	Area
	a. Concrete Block - Int Insul, Exterior	R=4.1	1494.00 ft²
	b Frame - Wood, Adjacent	R=13.0	216.00 ft²
	c. N/A	R=	ft²
	d. N/A	R=	ft²
10.	Ceiling Types	Insulation	Area
	a. Under Attic (Vented)	R=30 0	1877.00 ft²
	b N/A	R=	ft²
	c. N/A	R=	ft²
11.	Ducts		R ft²
	a. Sup: Attic, Ret: Main, AH: Main		6 375

12.	Cooling systems	kBtu/hr	Efficiency
	a. Central Unit	34.8	SEER:15.00
13.	Heating systems	kBtu/hr	Efficiency
	a. Electric Heat Pump	34.8	HSPF:8.70
14	Hot water systems		
	a. Electric		Cap: 50 gallons
			EF: 0.9
	b. Conservation features		
	None		
15.	Credits		Pstat

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: KENNETH WAYNE CAMPBELL JR Date: 5/6/13

Address of New Home: 226 SW MULBERRY DR City/FL Zip: LAKE CITY FL 32024

LOT 27/1 TIMBERLANDS

*Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida EnergyGauge Rating. Contact the EnergyGauge Hotline at (321) 638-1492 or see the EnergyGauge web site at energygauge.com for information and a list of certified Raters. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

**Label required by Section 303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

Project Summary
Entire House
ALL ELEMENTS MECHANICAL

Job: ARLINGTON 3 BDR 15
Date: MARCH 1ST 2013
By: ANASTASIA

776 BENNETT RD, LONGWOOD, FL 32750 Phone: 4072601539 Web: WWW.ALLELEMENTSMECHANICAL.COM License CAC058534

Project Information

For: ARLINGTON 3 BDR 15, MARONDA HOMES
4005 MARONDA WAY, SANFORD, FL 32771
Phone: 4073210064

Notes: ARLINGTON 3 BDR 15

Design Information

Weather: Jacksonville Intl AP, FL, US

Winter Design Conditions

Outside db	33	°F
Inside db	70	°F
Design TD	38	°F

Summer Design Conditions

Outside db	93	°F
Inside db	75	°F
Design TD	18	°F
Daily range	M	
Relative humidity	50	%
Moisture difference	51	gr/lb

Heating Summary

Structure	25792	Btuh
Ducts	7051	Btuh
Central vent (0 cfm)	0	Btuh
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	32843	Btuh

Sensible Cooling Equipment Load Sizing

Structure	20231	Btuh
Ducts	8725	Btuh
Central vent (0 cfm)	0	Btuh
Blower	0	Btuh
Use manufacturer's data	n	
Rate/swing multiplier	0.98	
Equipment sensible load	28290	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1877	1877
Volume (ft³)	15016	15016
Air changes/hour	0.38	0.20
Equiv. AVF (cfm)	95	50

Latent Cooling Equipment Load Sizing

Structure	3139	Btuh
Ducts	1949	Btuh
Central vent (0 cfm)	0	Btuh
Equipment latent load	5088	Btuh
Equipment total load	33378	Btuh
Req. total capacity at 0.73 SHR	3.2	ton

Heating Equipment Summary

Make	TEMPSTAR
Trade	HEAT PUMP
Model	NXH536
AHRI ref	3670858

Efficiency	8.7 HSPF	
Heating input		
Heating output	0	Btuh @ 47°F
Temperature rise	0	°F
Actual air flow	1200	cfm
Air flow factor	0.037	cfm/Btuh
Static pressure	0.50	in H2O
Space thermostat		

Cooling Equipment Summary

Make	TEMPSTAR
Trade	HEAT PUMP
Cond	NXH536
Coil	FXM4X36
AHRI ref	3670858

Efficiency	12.5 EER, 15 SEER	
Sensible cooling	25404	Btuh
Latent cooling	9396	Btuh
Total cooling	34800	Btuh
Actual air flow	***1200***	cfm
Air flow factor	0.041	cfm/Btuh
Static pressure	0.50	in H2O
Load sensible heat ratio	0.85	

Bold/italic values have been manually overridden

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Building Analysis
Entire House
ALL ELEMENTS MECHANICAL

Job: ARLINGTON 3 BDR 15
Date: MARCH 1ST 2013
By: ANASTASIA

776 BENNETT RD, LONGWOOD, FL 32750 Phone 4072601539 Web. WWW ALLELEMENTSMECHANICAL.COM License. CAC058534

Project Information

For: ARLINGTON 3 BDR 15, MARONDA HOMES
4005 MARONDA WAY, SANFORD, FL 32771
Phone: 4073210064

Design Conditions

Location:
Jacksonville Intl AP, FL, US
Elevation: 33 ft
Latitude: 30°N

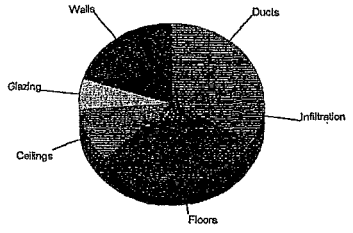
Outdoor:	**Heating**	**Cooling**
Dry bulb (°F)	33	93
Daily range (°F)	-	18 (M)
Wet bulb (°F)	-	77
Wind speed (mph)	15.0	7.5

Indoor:	**Heating**	**Cooling**
Indoor temperature (°F)	70	75
Design TD (°F)	38	18
Relative humidity (%)	30	50
Moisture difference (gr/lb)	11.0	51.2

Infiltration:	
Method	Simplified
Construction quality	Average
Fireplaces	0

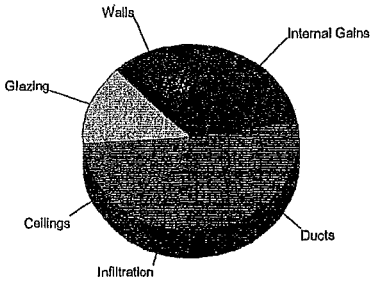
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	4.5	6579	20.0
Glazing	26.8	2012	6.1
Doors	0	0	0
Ceilings	1.8	3708	11.3
Floors	14.4	9574	29.2
Infiltration	2.6	3918	11.9
Ducts		7051	21.5
Piping		0	0
Humidification		0	0
Ventilation		0	0
Adjustments		0	
Total		**32843**	**100.0**



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	2.4	3518	12.1
Glazing	53.6	4020	13.9
Doors	0	0	0
Ceilings	2.6	5310	18.3
Floors	0	0	0
Infiltration	0.6	973	3.4
Ducts		8725	30.1
Ventilation		0	0
Internal gains		6410	22.1
Blower		0	0
Adjustments		0	
Total		**28956**	**100.0**



Latent Cooling Load = 5088 Btuh
Overall U-value = 0.139 Btuh/ft²-°F

WARNING: window to floor area ratio = 4.0% - less than 5%.

Duct System Summary
Entire House
ALL ELEMENTS MECHANICAL

Job: ARLINGTON 3 BDR 15
Date: MARCH 1ST 2013
By: ANASTASIA

776 BENNETT RD, LONGWOOD, FL 32750 Phone 4072601539 Web. WWW ALLELEMENTSMECHANICAL.COM License CAC058534

Project Information

For: ARLINGTON 3 BDR 15, MARONDA HOMES
4005 MARONDA WAY, SANFORD, FL 32771
Phone: 4073210064

	Heating	Cooling
External static pressure	***0.50*** in H2O	***0.50*** in H2O
Pressure losses	0 in H2O	0 in H2O
Available static pressure	0.50 in H2O	0.50 in H2O
Supply / return available pressure	0.40 / 0.10 in H2O	0.40 / 0.10 in H2O
Lowest friction rate	0.400 in/100ft	0.400 in/100ft
Actual air flow	1200 cfm	***1200*** cfm
Total effective length (TEL)	125 ft	

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	H x W (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
FAMILY ROOM-A	c 2835	102	117	0.400	6.0	0x0	VlFx	100.0	0	st1
FAMILY ROOM	c 2835	102	117	0.400	6.0	0x0	VlFx	100.0	0	st1
KITCHEN	c 2599	68	108	0.400	6.0	0x0	VlFx	100.0	0	st1
MASTER TOILET	h 1283	47	39	0.400	4.0	0x0	VlFx	100.0	0	st1
UTILITY	h 2391	87	36	0.400	5.0	0x0	VlFx	100.0	0	st1
LIVING ROOM	c 4242	19	176	0.400	7.0	0x0	VlFx	100.0	0	st1
DINING ROOM	h 4049	148	118	0.400	7.0	0x0	VlFx	100.0	0	st1
MASTER BATH	h 4504	165	81	0.400	7.0	0x0	VlFx	100.0	0	st1
MASTER BDR	h 3188	116	116	0.400	6.0	0x0	VlFx	100.0	0	st1
BDR #2	c 2755	83	114	0.400	6.0	0x0	VlFx	100.0	0	st1
BATHROOM	h 1372	50	29	0.400	4.0	0x0	VlFx	100.0	0	st1
BDR #3	h 5804	212	149	0.400	8.0	0x0	VlFx	100.0	0	st1

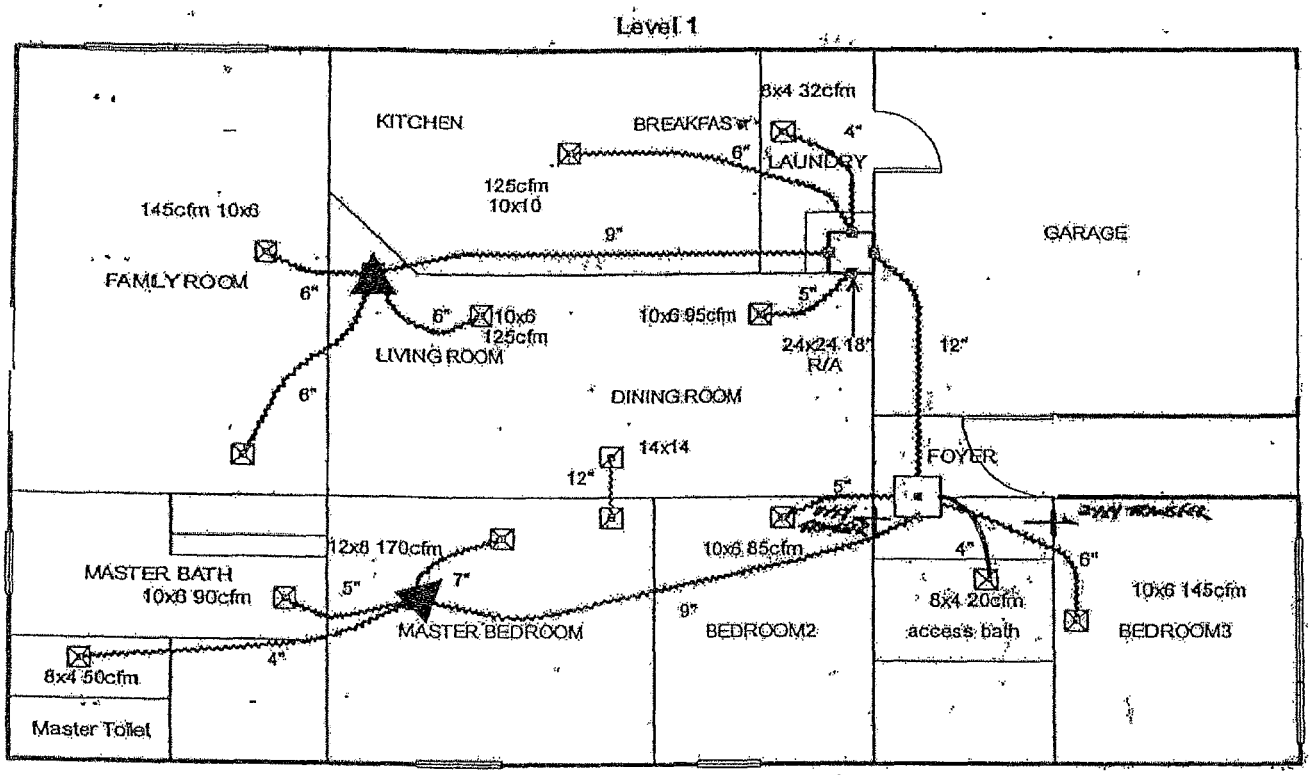
Supply Trunk Detail Table

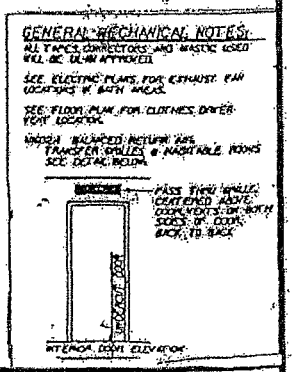
Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
st1	Peak AVF	1200	1200	0.400	859	16.0	0 x 0	VinlFlx	

Bold/italic values have been manually overridden

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	0x0	1200	1200	25.0	0.400	679	18.0	0x 0		VlFx	





Job #: ARLINGTON - 3
Performed by ANASTASIA OCUNEVA for:
ALL ELEMENTS MECHANICAL CORP
776 BENNETT DRIVE
LONGWOOD, FL 32750

MECHANICAL EQUIPMENT

3 Ton Heat Pump 15 Seer
5KW Aux Heat

Scale: 1 : 104

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