



# City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811  
 Tel 407-581-8161 \* Fax 407-581-0313 \* [www.universalengineering.com](http://www.universalengineering.com)

## PERMIT CARD – PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FBC 105.3.3: An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "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." The issuance of this permit does not grant permission to violate any applicable City, Orange County, State of Florida and/or Federal codes and/or ordinances. Separate permits are required for Signs, Roofing, Electrical, Gas, Plumbing and Mechanical services. This permit becomes VOID if the work authorized is not commenced within 6 months, or is suspended or abandoned for a period of 6 months after commencement. **WORK SHALL BE CONSIDERED SUSPENDED IF AN APPROVED INSPECTION HAS NOT BEEN MADE WITHIN A 6 MONTH PERIOD. PERMISSION IS GRANTED TO DO THE FOLLOWING WORK ACCORDING TO THE CONDITIONS HEREON AND THE APPROVED PLANS AND SPECIFICATIONS, SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE, FLORIDA.**

<p><b>Scope of Work:</b> GAS: 1 fireplace, 1 grill, 1 range, 1 water heater</p> <p><b>Comments:</b> None</p> <p><b>Project Information</b>          Address: 2523 Kissam Court, Belle Isle, FL 32809          Parcel ID: 18-23-30-6031-00-230          Property Owner: Johnson, Horton &amp; Cynthia          Phone Number: 407 466 3882          *****          Company Name: Fireplace &amp; Gas Services Inc.          Contractor Name: Jenkins, Chris          License Number: 31607 &amp; 19183          Address: 3975 Forrestal Avenue, #100, Orlando, FL 32806          Phone Number: 407-856-7770</p>	<p style="text-align: right;"><b>Permit Number: 2015-01-026</b></p> <p style="text-align: right;"><b>Date of Application: 01/19/2015</b>  <b>Date Permit Issued: 01/20/2015</b></p> <p><b>WARNING TO OWNER:</b> "YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU 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." ON THE JOB INSPECTION(S) MUST BE MADE BEFORE PROCEEDING WITH SUBSEQUENT WORK. THIS CARD MUST BE DISPLAYED OUTSIDE AND BE PROTECTED FROM THE WEATHER WHILE BEING VISIBLE FROM THE STREET UNTIL THE FINAL INSPECTIONS HAVE BEEN APPROVED.</p>
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### BUILDING FEATURES

<p><b>IMPACT FEES</b> School \$</p> <p><b>ZONING FEES</b> Zoning Fee \$</p> <p><b>UNIVERSAL ENG - BUILDING FEES</b></p> <table style="width:100%;"> <tr><td>Demo</td><td>\$</td></tr> <tr><td>Building</td><td>\$</td></tr> <tr><td>Fence</td><td>\$</td></tr> <tr><td>Driveway</td><td>\$</td></tr> <tr><td>Shed</td><td>\$</td></tr> <tr><td>Window(s)</td><td>\$</td></tr> <tr><td>Door(s)</td><td>\$</td></tr> <tr><td>PrePower</td><td>\$</td></tr> <tr><td>Electrical</td><td>\$</td></tr> <tr><td>Temp Pole</td><td>\$</td></tr> <tr><td>Plumbing</td><td>\$</td></tr> <tr><td>Mechanical</td><td>\$</td></tr> <tr><td>Gas</td><td>\$123.00</td></tr> <tr><td>Roofing</td><td>\$</td></tr> <tr><td>Boat Dock</td><td>\$</td></tr> <tr><td>Screen Encl</td><td>\$</td></tr> <tr><td>Swimming Pool</td><td>\$</td></tr> </table> <p><b>SURCHARGE FEES</b></p> <table style="width:100%;"> <tr><td>Surcharge Fee</td><td>\$2.00</td></tr> <tr><td>Surcharge Fee</td><td>\$2.00</td></tr> </table> <p style="text-align: center;"><b>TOTAL FEES \$127.00</b></p> <p><b>Date Paid</b> 1-21-15</p> <p><b>CC or Check #</b> MC 8835</p> <p><b>Amount Paid</b> 127.00</p> <p>The person accepting this permit shall conform to the terms of the application on file and construction shall conform to the requirements of the Florida Building Code (FS 553).</p>	Demo	\$	Building	\$	Fence	\$	Driveway	\$	Shed	\$	Window(s)	\$	Door(s)	\$	PrePower	\$	Electrical	\$	Temp Pole	\$	Plumbing	\$	Mechanical	\$	Gas	\$123.00	Roofing	\$	Boat Dock	\$	Screen Encl	\$	Swimming Pool	\$	Surcharge Fee	\$2.00	Surcharge Fee	\$2.00	<p style="text-align: center;"><b>BUILDING INSPECTOR USE ONLY</b></p> <p>IF APPLICABLE:          Have Zoning Approval Conditions Been Met? YES NO    Have Stormwater Approval Conditions Been Met? YES NO    Silt fencing in place? YES NO    Turbidity Barrier in place? YES NO</p> <p><b>BUILDING</b></p> <p>1<sup>st</sup> _____ (Footing/Foundation)          Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? _____</p> <p>2<sup>nd</sup> _____ (Slab)</p> <p>3<sup>rd</sup> _____ (Lintel)(Wall Reinforcing on Masonry Building)</p> <p>4<sup>th</sup> _____ (Exterior Framing)(Roof/Wall Sheathing)</p> <p>5<sup>th</sup> _____ (Framing) (To be made after Plumbing/ Mechanical/ Electrical Rough-Ins &amp; Windows/Doors Installed)</p> <p>6<sup>th</sup> _____ (Insulation to be Made After Roof Installed)</p> <p>7<sup>th</sup> _____ (Drywall)</p> <p>8<sup>th</sup> _____ (Sidewalk/Driveway)</p> <p>9<sup>th</sup> _____ (Other)</p> <p>10<sup>th</sup> _____ (Final – After MEP and Other Applicable Finals)</p> <p><b>ROOFING</b></p> <p>1<sup>ST</sup> ROOFING Deck Nailing/Dry-in/Flashing _____</p> <p>2<sup>nd</sup> ROOFING Covering In-Progress _____</p> <p>3<sup>rd</sup> ROOFING Covering Final _____</p> <p><b>PLUMBING</b> (Pool-Piping, Solar, Irrigation, Water Treatment Equip, Etc...)</p> <p>1<sup>ST</sup> _____ (Underground)    2<sup>nd</sup> _____ (Sewer)</p> <p>3<sup>rd</sup> _____ (Rough-In/Tub Set)    4<sup>th</sup> _____ (Final)</p> <p><b>CHECK APPROPRIATE BOX</b></p> <p><input type="checkbox"/> GAS <input type="checkbox"/> Natural <input type="checkbox"/> LP    <input type="checkbox"/> MECHANICAL    <input type="checkbox"/> ELECTRICAL    <input type="checkbox"/> LOW VOLTAGE</p> <p>1<sup>st</sup> _____ (Rough-In)    2<sup>nd</sup> _____ (Final)</p>
Demo	\$																																						
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Inspection requests are to be emailed to [BDscheduling@UniversalEngineering.com](mailto:BDscheduling@UniversalEngineering.com); a confirmation email will be sent back to you upon scheduling. **Next-Day Inspection requests must be made by 1pm.** Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed.



CITY OF BELLE ISLE  
Permit Application Review Sheet

Permit Number	2015-01-026
Property Owner	Johnson, Horten & Cynthia
Address	2523 Kissam Court
Nature of Improvement	Gas: 1 fireplace, 1 range, 1 water heater, 1 grill
Received Application	1-19-15
Sent for Stormwater Review	
Stormwater Approved	
Sent for Zoning Review	
Zoning Approved	
Applied for Variance	
Variance Approved	
Sent to BO for Review	1-20-15
Building Official Approved	1/21/2015

Comments	
1. Susan 1-19-15	Sent email - we need States Local Licenses ✓
2. 1-16-15 wq	<del>emailed contractor for signed/dated diagram + cost of appliances</del>
3.	
4. Susan 1-20-15	review wo# 46128 <u>Reid</u>
5. Susan 1-21-15	emailed it's ready ✓
6.	
7.	
8.	
9.	
10.	
11.	
12.	permit typed

*Filed 1/16 4:30*



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## APPLICATION FOR GAS PERMIT

**WARNING TO OWNER:** YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

DATE OF APPLICATION: 1-15-2016 PERMIT NUMBER: 2015-01-026  
The undersigned hereby applies for a permit to make: (Indicate) Natural  Liquefied Petroleum Gas  Installations as indicated below. PLEASE PRINT

Project Address 2523 KISSAM CT, Belle Isle FL 32809 32812  
Property Owner Johnson, Horton + Cynthia Phone 407-466-3882  
Property Owner's Mailing Address Same City \_\_\_\_\_  
State \_\_\_\_\_ Zip Code \_\_\_\_\_ Parcel Id Number: 18-23-30-6031-00-230  
To obtain this information, please visit <http://www.ocpafl.org/Searches/ParcelSearch.aspx>

Class of Building: Old  New  Type of Building: Residential  Commercial  Other   
Type of Work: New  Alteration  Addition  Repair

# GAS OUTLETS 4 DELIVERY PRESSURE 11" TOTAL # BTU'S 195

\*\*\* SIGNED & DATED PIPING PLAN/SKETCH WITH GAS CALCULATIONS REQUIRED \*\*\*  
GENERATOR INSTALLATION SHOULD INCLUDE INLET PRESSURE AND SUPPLY SPECIFICATIONS

#### APPLIANCES:

\*ALL VENTING AND COMBUSTION AIR SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER, AND WILL BE INSTALLED AT THE ROUGH-IN STAGE. INDICATE ALL DIRECT VENT/POWER VENT APPLIANCES IN SPECIAL COMMENTS\*

Type of Appliance	Qty	Value of Each*
DRYER		\$
FURNACE		\$
FIREPLACE	1	\$ 2000.00
RANGE - COOKTOP	1	\$ 250.00
WATER HEATER	1	\$ 285.00
GRILL	1	\$ 250.00
POOL HEATER		\$
SPA		\$
BOILER		\$
MISC		\$

Estimated Value for Labor & Appliance(s) = 27,500.00

Special Comments: Gas Piping to Cooktop (65k btu)  
Water Heater (40k)  
Fireplace (40k)  
Grill (50k)

\*VALUE MEANS REASONABLE RETAIL VALUE

Building Official: Angel Perez Date 1/15/2015  
Verified Contractor's Licenses & Insurance are on file \_\_\_\_\_ Date \_\_\_\_\_

Permit Fee \$ 82-  
Review Fee \$ 41-  
3% Florida Surcharge \$ 4-  
Total Permit Fee \$ \_\_\_\_\_

I hereby certify that the above is true and correct to the best of my knowledge and make Application for Permit as outlined above, and if same is granted I agree to conform to all Florida Building Code Regulations and City Ordinances regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable Town and/or State of Florida codes and/or ordinances.

LICENSE HOLDER SIGNATURE [Signature] LICENSE # 311607  
LICENSE HOLDER NAME Chas L. Jenkins COMPANY NAME Fireplace + Gas Services  
Street Address 3915 Forestal Ave Suite 100  
City Orlando State FL Zip Code 32806 Phone Number 407-856-7770  
Email Address Jenkins@fireplaceandgas.com

NOTE: The Building Permit Number is required if the Gas Installation is associated with any construction or alteration where a Building Permit has been issued. Building Permit Number 2014-09-017



# COBI Permit Fee Calculation Form



Reviewer Signature: AP

Date: 1/21/2015

Permit Type:	<u>Gas</u>	Job Cost:	<u>\$ 2,750-</u>
Permit Fee:	<u>\$ 82-</u>		
Plans Review Fee:	<u>\$ 41-</u>	(50% of permit fee - excluding ReRoofs)	
1.5% State Fee:	<u>\$ 2-</u>		
1.5% State Fee:	<u>\$ 2-</u>		
<b>TOTAL BUILDING FEE:</b>	<u>\$ 127<sup>00</sup></u>	(does not include Zoning fees or Deposits)	

Note: Total gets doubled for SWO/AFT permits

$$\$62 + (\$10 \times 2) = 62 + 20 = \$82$$

$$\$82 \times 50\% = \$41^{00}$$

$$\$82 + 41 = \$123$$

$$\$123 \times 3\% = \$4$$

$$\$123 + 4 = \$127$$

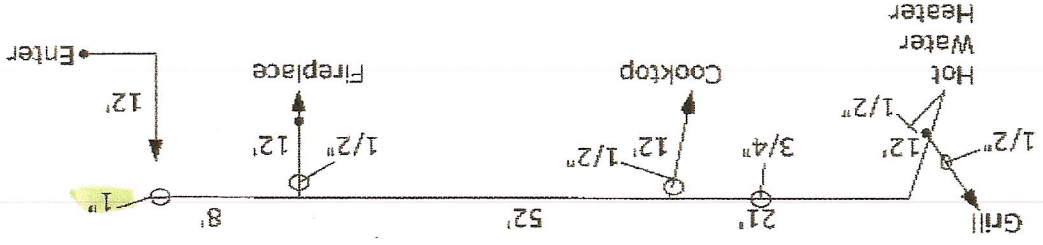


**FIREPLACE & GAS**



S E R V I C E S

3975 FORRESTAL AVE, SUITE 100, ORLANDO FL 32806  
 407-856-7770  
 MASTER QUALIFIER NO. 31607  
 CHRIS L JENKINS



APPLIANCE VALUES

FIREPLACE	- \$2,000.00
COOKTOP	- \$250.00
WATER HTR	- \$250.00
GRILL	- \$250.00

Fireplace	- 50,000 BTUS
Cooktop	- 60,000 BTUS
Water Heater	75,000 BTUS
Grill	55,000 BTUS
<hr/>	
	240,000 BTUS

KONKOL CUSTOM HOMES  
 2523 KISSAM COURT  
 LP GAS 11" WATER COLUMN  
 #2014-09-017

Farthest Pt. 105'

Reviewed for Code Compliance  
 Universal Engineering  
 Sciences

**Table 6.3(d) Schedule 40 Metallic Pipe**

		Gas: Undiluted Propane								
		Inlet Pressure: 11.0 in. w.c.								
		Pressure Drop: 0.5 in. w.c.								
		Specific Gravity: 1.50								
INTENDED USE: Pipe Sizing Between Single- or Second-Stage (Low-Pressure) Regulator and Appliance.										
		Pipe Size (in.)								
Nominal Inside:		1/2	3/4	1	1 1/4	1 1/2	2	2 1/4	3	4
Actual:		0.622	0.824	1.049	1.380	1.610	2.067	2.469	3.068	4.026
Length (ft)		Capacity in Thousands of Btu per Hour								
10	291	608	1,150	2,350	3,320	6,790	10,800	19,100	99,000	
20	200	418	787	1,620	2,420	4,660	7,480	13,100	26,800	
30	190	336	632	1,300	1,940	3,750	5,970	10,600	21,500	
40	137	287	541	1,110	1,660	3,210	5,110	9,050	18,400	
50	122	255	480	985	1,480	2,840	4,330	8,000	16,300	
60	110	231	434	892	1,340	2,370	4,100	7,250	14,800	
80	101	212	400	821	1,250	2,370	3,770	6,670	13,600	
100	94	197	372	763	1,140	2,200	3,510	5,310	12,700	
125	89	185	349	716	1,070	2,070	3,290	5,320	11,900	
150	84	175	330	677	1,010	1,950	3,110	5,500	11,200	
175	74	155	292	600	899	1,730	2,760	4,880	9,950	
200	67	140	265	548	814	1,570	2,500	4,420	9,010	
250	62	129	242	500	749	1,440	2,300	4,060	8,290	
300	58	120	227	465	697	1,340	2,140	3,780	7,710	
350	51	107	201	412	613	1,190	1,900	3,350	6,840	
400	46	97	182	373	560	1,080	1,720	3,040	6,190	
450	42	89	167	344	515	991	1,580	2,790	5,700	
500	40	83	156	320	479	922	1,470	2,600	5,300	
550	37	78	146	300	449	865	1,380	2,440	4,970	
600	35	73	138	283	424	817	1,300	2,300	4,700	
650	33	70	131	269	403	776	1,240	2,190	4,460	
700	32	66	125	257	385	741	1,180	2,090	4,260	
750	30	64	120	246	368	709	1,150	2,000	4,080	
800	29	61	115	236	354	681	1,090	1,920	3,920	
850	28	59	111	227	341	656	1,050	1,850	3,770	
900	27	57	107	220	329	634	1,010	1,790	3,640	
950	26	55	104	213	319	613	978	1,730	3,530	
1,000	25	53	100	206	309	595	948	1,680	3,420	
1,100	25	52	97	200	300	578	921	1,650	3,320	
1,200	24	50	95	195	292	562	895	1,580	3,230	
1,300	23	48	90	188	277	534	850	1,500	3,070	
1,400	22	46	86	176	264	509	811	1,430	2,930	
1,500	21	44	82	169	253	487	777	1,370	2,800	
1,600	20	42	79	162	243	468	746	1,320	2,690	
1,700	19	40	76	156	234	451	719	1,270	2,590	
1,800	19	39	74	151	226	436	694	1,230	2,500	
1,900	18	38	71	146	219	422	672	1,190	2,420	
2,000	18	37	69	142	212	409	652	1,150	2,350	

Note: All table entries are rounded to 5 significant digits.

