



CITY OF FORT PIERCE, FLORIDA
BUILDING DEPARTMENT
APPLICATION FOR BUILDING PERMIT
(772) 467-3529 or 467-3724 FAX (772) 467-3849

Permit # 17-2555
FBC 2014(5th edition)
PIN # 628315

*Property Address 221 Fernandina St *Date ___ *# of plans submitted ___ *# of CD's submitted ___
Parcel ID# 2401-501-0204-000-5 Phone # (772) 465 - 7886 Fax # (772) 465 - 8448
(Located on your tax bill) Email Address Brian.Pearl@amerigas.com Cell # (772) 633 - 0740
*Owner Name Lawrence Weiner *Owner Address 6410 Holatee Trail SW Ranches FL 33330

Type of permit Gas tank and line *Valuation \$ 2350.00 4985.00

*Description of Work Set aboveground 120 gallon tank on blocks. Run line to outside tank less water heater. Run inside lines to stove and BBQ.

Architect: ___ Phone() - Fax () -

Email Address ___

Engineer: ___ Phone() - Fax () -

Email Address ___

*CONTRACTOR/APPLICANT INFORMATION: City License # ___ State License # 02707

Company Name AmeriGas Propane Qualifier Larry Licastri

Address 3301 Oleander Ave City/State Fort Pierce FL Zip 34982

Phone # (772) 465 - 7886 Fax # () - Cell # (772) 633 - 0740

Email Address Brian.Pearl@amerigas.com

RECEIVED
SEP 05 2017
Building Department

SUBCONTRACTORS: See Subcontractor Verification Sheet. It may be Required to accompany this application

Occupancy ___ Construction Type ___ # of Units ___ # of Stories ___

Sq. Ft. Conditioned Space ___ Total Sq. Ft. ___

Is the property located in a Special Flood Hazard Area (floodplain) per the current Flood Insurance Rate Map (FIRM)

[X] Yes [] No

If Yes, the applicant must include certified elevation information on a FEMA NFIP Elevation Certificate.

I understand that no building may be occupied until a Certificate of Occupancy/Certificate of Completion has been issued after final inspection by the Building Department and full compliance with the building code, city and state ordinances and other applicable rules and regulations. I am also certifying that all sets of plans submitted are identical.

Signature of Applicant [Signature]

Signature of Property Owner ___

State of Florida, County of St. Lucie

State of Florida, County of ___

Affirmed to and subscribed before me this August 15, 2017, by Larry Licastri

Affirmed to and subscribed before me this ___ 20___, by ___

Personally known to me or who has produced identification. ___

Personally known to me or who has produced as identification. ___

Notary Signature: [Signature]

Notary Signature: ___

Notary (print name) Amber L Diaz

Notary (print name) ___

Construction documents must accompany this application. The Florida energy code submitted becomes an integral part of this plan and must pass final inspection. "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 record of this county, and there may be additional permits required from other governmental entities such as waste management district, state agencies, or federal agencies." SIGNATURE OF THE APPLICANT MUST BE NOTARIZED. If owner builder, applicant must sign in person. BUILDING PERMIT includes: Building, Electrical, Plumbing, Mechanical, and Sewer only. All other trades require separate permits.

*Required Information

Asbestos compliance: It is the owner's or operator's responsibility to comply with section 469.003, Florida Statutes, and to notify the Department of Environmental Protection of his or her intentions to remove asbestos, when applicable, in accordance with state and federal law.

OFFICE USE ONLY

FEES: * See the break Down Fee Sheet

Total Fees Due \$ ___

Remarks

Reviewed by [Signature] Date 9-13-17 Final Check ___ Date ___

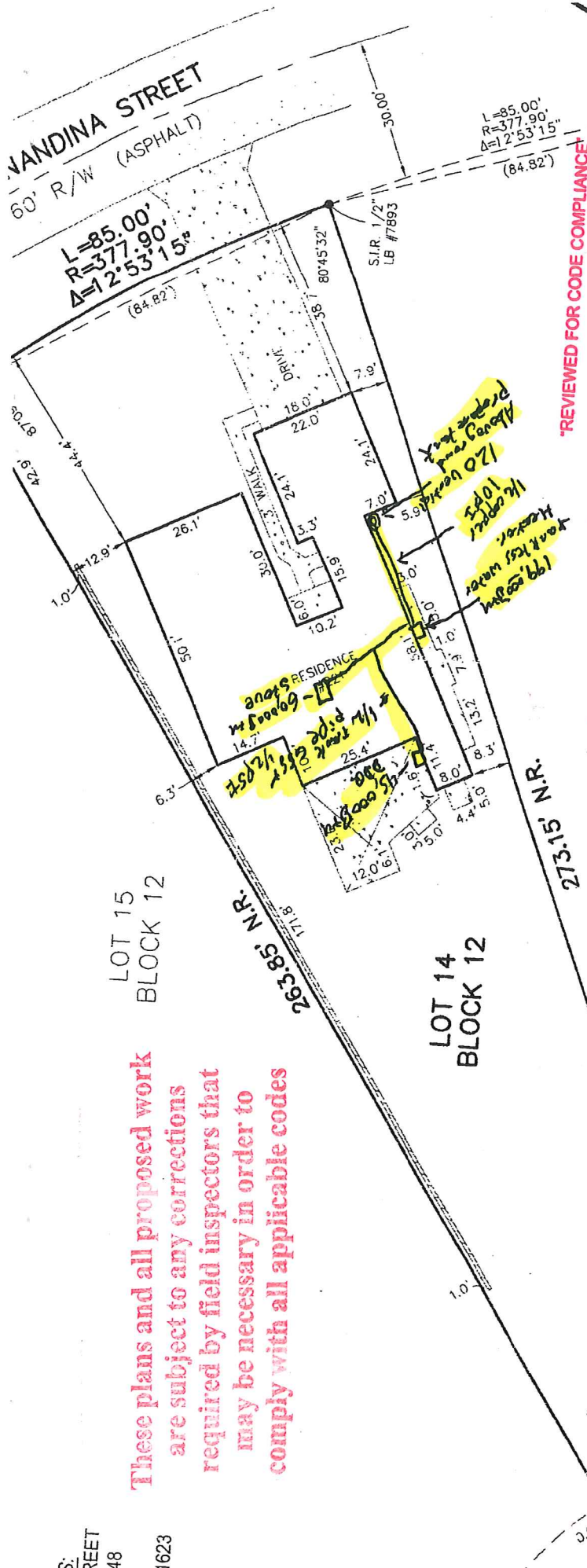
Need debris PF 100
PL 75
SC 463

AMBER L DIAZ
MY COMMISSION # F050145
EXPIRES February 01, 2020
FloridaNotaryServices.com

35
FEET
348

11623

These plans and all proposed work are subject to any corrections that are required by field inspectors that may be necessary in order to comply with all applicable codes



REVIEWED FOR CODE COMPLIANCE

A permit issued shall be construed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code inadvertently overlooked during plan review as outlined in Chapter 1 Section 105.4 of the Florida Building Code. All proposed work is subject to any corrections required by field inspectors that may be necessary in order to comply with all applicable codes.

LOT 13
BLOCK 12

CITY OF FORT PIERCE

Reviewed: JDB

Date: 9-13-11

LEGAL DESCRIPTION:

LOT 14, BLOCK 12, OF REVISED MAP FORT PIERCE BEACH, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 8, PAGE 29, OF THE PUBLIC RECORDS OF ST LUCIE COUNTY, FLORIDA.
CERTIFIED TO:
F AND B PALACE, LLC; ST. LUCIE TITLE SERVICES, INC.; COMMONWEALTH LAND TITLE INSURANCE COMPANY

GENERAL NOTES:

- 6) DIMENSIONS SHOWN ARE PLAT AND MEASURED UNLESS OTHERWISE SHOWN.
- 7) EASEMENT OWNERSHIP NOT DETERMINED.
- 8) ELEVATIONS IF SHOWN ARE BASED UPON N.G.V.D. UNLESS OTHERWISE NOTED.
- 9) BEARINGS REFERENCED TO LINE NOTED AS B.R.
- 10) IN SOME INSTANCES, GRAPHIC REPRESENTATION HAVE BEEN...

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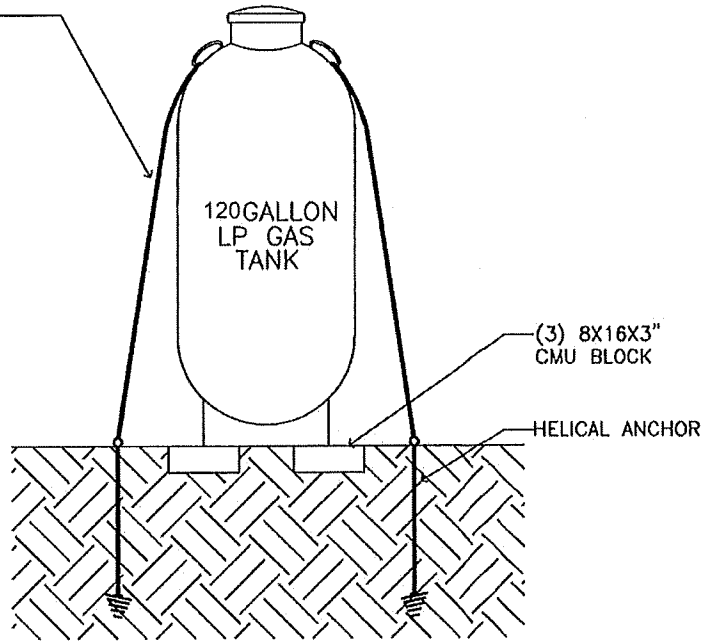
MANAGE EASEMENT
W/VEWAY
VTRAI AND P...

XX XX

EXISTING P...

L=85.00'
R=377.90'
Δ=12°53'15"
(84.82')
F.C.M.

1/8" COATED GALV.
CABLE W/ (2) HDG
CLAMPS TO ANCHOR
(PULLED TIGHT)



(3) 8X16X3"
CMU BLOCK

HELICAL ANCHOR

GENERAL NOTES:

1. HELICAL ANCHORS SHALL HAVE AN ALLOWABLE PULL-OUT CAPACITY OF 400#. ANCHORS SHALL BE INSTALLED PER ANCHOR MANUFACTURER TO ACHIEVE STATED LOAD CAPACITY. CAPACITY VARIES WITH SOIL TYPE. VERIFY ANCHOR CAPACITY WITH SOIL TYPE ENCOUNTERED.
2. CHECK FOR GROUND UTILITIES PRIOR TO ANCHOR INSTALLATION
3. LOCATION OF TANK RELATIVE TO ADJACENT STRUCTURES AND FEATURES IS DEPENDENT UPON LOCAL CODES AND IS THE RESPONSIBILITY OF CLIENTS.
4. THE TANK AS SHOWN HAS BEEN DESIGNED TO PREVENT FLOTATION, COLLAPSE, OR LATERAL MOVEMENT DURING THE BASE FLOOD EVENT.
5. WIND LOAD DESIGN CRITERIA
60 MPH EXPOSURE GCpi N/A; Cf = 0.6



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DATE: 03-20-2017

AMERIGAS



FARLEY ENGINEERING LLC
Consulting Engineer #40111 - CA28108
8800 N. U.S. #1, Suite #2, Sebastian, Florida 32958
(772) 589.2286 fox

Table P-1B Propane

Maximum Capacity of TracePipe® CounterStrike® CSST in Thousands of BTU per House Propane Gas
(Based on a 1.62 Specific Gravity / 2520 BTU per cubic foot Gas)

Size (EHD)	15	190	138	114	100	89	82	71	65	59	55	54	52	49	46	41	38	33	30	27	24	22	19	17	17	16	16	14	14	14	13	13	13
3/8"	15	190	138	114	100	89	82	71	65	59	55	54	52	49	46	41	38	33	30	27	24	22	19	17	17	16	16	14	14	14	13	13	13
3/4"	25	1069	763	625	545	488	446	388	348	318	294	285	277	261	249	222	204	177	158	146	127	112	103	95	90	84	81	76	73	71	68	66	66
1 1/4"	37	3469	2467	2022	1756	1574	1439	1249	1119	1023	948	917	889	836	796	712	652	567	507	464	402	361	329	306	287	271	256	245	234	225	217	211	211
2"	62	13073	9259	7568	6558	5969	5361	4645	4158	3797	3516	3398	3090	3103	2945	2635	2407	2085	1867	1704	1477	1322	1206	1118	1047	996	893	855	822	792	765	765	

Notes: EHD (Equivalent Hydraulic Diameter) A theoretical size which reflects the hydraulic performance of the tubing. It is not a true physical measure. This number is used to compare individual sizes between different manufacturers. The higher the EHD number the greater the flow capacity of the piping.

Table P-2 Propane Medium Pressure

Maximum Capacity of TracePipe CounterStrike CSST in Thousands of BTU per House Propane Gas
(Based on a 1.62 Specific Gravity / 2520 BTU per cubic foot Gas)

Size (EHD)	15	190	138	114	100	89	82	71	65	59	55	54	52	49	46	41	38	33	30	27	24	22	19	17	17	16	16	14	14	14	14	14	
3/8"	15	190	138	114	100	89	82	71	65	59	55	54	52	49	46	41	38	33	30	27	24	22	19	17	17	16	16	14	14	14	14	14	14
3/4"	25	1069	763	625	545	488	446	388	348	318	294	285	277	261	249	222	204	177	158	146	127	112	103	95	90	84	81	76	73	71	68	66	66
1 1/4"	37	3469	2467	2022	1756	1574	1439	1249	1119	1023	948	917	889	836	796	712	652	567	507	464	402	361	329	306	287	271	256	245	234	225	217	211	211
2"	62	13073	9259	7568	6558	5969	5361	4645	4158	3797	3516	3398	3090	3103	2945	2635	2407	2085	1867	1704	1477	1322	1206	1118	1047	996	893	855	822	792	765	765	

Notes: Tables above include losses for four 90-degree bends and two end fittings. Fitting runs with larger numbers of bends and/or fittings shall be increased by the equivalent length of tubing to the following equation: L=1.5n where L is the additional length of tubing and n is the number of additional fittings and/or bends.

Table 15.1(f) Pipe Sizing Between First-Stage and Second-Stage Regulators: Outside Diameter Copper Tubing, Type K

		Gas: Undiluted Propane			
		Inlet Pressure:	10.0 psi		
		Pressure Drop:	1.0 psi		
		Specific Gravity:	1.52		
Tubing Length (ft)	3/8 in. 0.305	1/2 in. 0.402	5/8 in. 0.527	3/4 in. 0.652	7/8 in. 0.745
30	284	587	1193	2085	2959
40	243	502	1021	1785	2532
50	216	445	905	1582	2244
60	195	403	820	1433	2033
70	180	371	754	1319	1871
80	167	345	702	1227	1740
90	157	374	659	1151	1633
100	148	306	622	1087	1542
150	119	246	500	873	1239
200	102	210	428	747	1060
250	90	186	379	662	940
300	82	169	343	600	851
350	75	155	316	552	783
400	70	144	294	514	729
450	66	136	276	482	654
500	62	128	260	455	646
600	56	116	236	412	585
700	52	107	217	379	538
800	48	99	202	353	501
900	45	93	189	331	470
1000	43	88	179	313	444
1500	34	71	144	251	356
2000	29	60	123	215	305

Notes:

- (1) Capacities are in 1000 Btu/hr.
- (2) To convert to capacities at a gauge pressure of 5 psi setting with 10 percent (0.5 psi) pressure drop, multiply values by 0.606. To convert to capacities at a gauge pressure of 15 psi setting with 10 percent (1.5 psi) pressure drop, multiply values by 1.380.

Table 15.1(g) Copper Tube Sizing Between Second-Stage Regulator and Appliance: Outside Diameter Copper Tubing, Type K

		Gas: Undiluted Propane			
		Inlet Pressure:	11 in. w.c.		
		Pressure Drop:	0.5 in.		
		Specific Gravity:	1.52		
Tubing Length (ft)	3/8 in. 0.305	1/2 in. 0.402	5/8 in. 0.527	3/4 in. 0.652	7/8 in. 0.745
10	45	93	188	329	467
20	31	64	129	226	321
30	25	51	104	182	258
40	21	44	89	156	221
50	19	39	79	138	196
60	17	35	71	125	177
80	15	30	61	107	152
100	13	27	54	95	134
125	11	24	48	84	119
150	10	21	44	76	108
200	9	18	37	65	92
250	8	16	33	58	82
300	7	15	30	52	74
350	7	14	28	48	68
400	6	13	26	45	63

Note: Capacities are in 1000 Btu/hr.