



**CITY OF FORT PIERCE, FLORIDA
BUILDING DEPARTMENT
APPLICATION FOR BUILDING PERMIT**
(772) 467-3718 FAX (772) 467-3849
building@city-ftpierce.com

PERMIT # 19-289
FBC (2017) 6th Edition
PIN # 860238

Building Department Project Manager:
Amaris

RECEIVED
JAN 28 2019
Building Department

*Property Address 1814 N 21st Street *Date _____

Parcel ID# 2404-212-0002-000-1 (Located on your tax bill) *# of plans submitted _____ *# of CD's submitted _____

*Owner Name American Legion Post 171 *Owner Address P.O. Box 1791 Fort Pierce, FL 34954

Phone # (772) 224-0011 Fax # () _____ Cell # (772) 224-0011

Email Address _____

***Required Information**

Type of permit Gas Tank and Line *Valuation \$ 1401.80

*Description of Work: Set two 420# tanks and run gas line to the commercial range and fryer.

Architect: _____

Phone () _____ Fax () _____ Email Address _____

Engineer: _____

Phone () _____ Fax () _____ Email Address _____

***CONTRACTOR/APPLICANT INFORMATION:**

City License # 18-00024041 State License # 02707

Company Name AmeriGas Propane Qualifier Larry Licastri

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

Phone # (772) 465-7886 Fax # () _____ Cell # (772) 971-6290

Email Address AmeriGas-7262@amerigas.com

Occupancy SFR Construction Type _____ # of Units _____ # of Stories _____

Sq. Ft. Conditioned Space _____ Total Sq. Ft. _____

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 ordinances, state statutes and other applicable rules and regulations have been satisfied. I am also verifying that all sets of plans submitted are identical.

Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for electrical work, plumbing, signs, wells, pools, furnaces, boilers, heaters, tanks, and air conditioners etc.

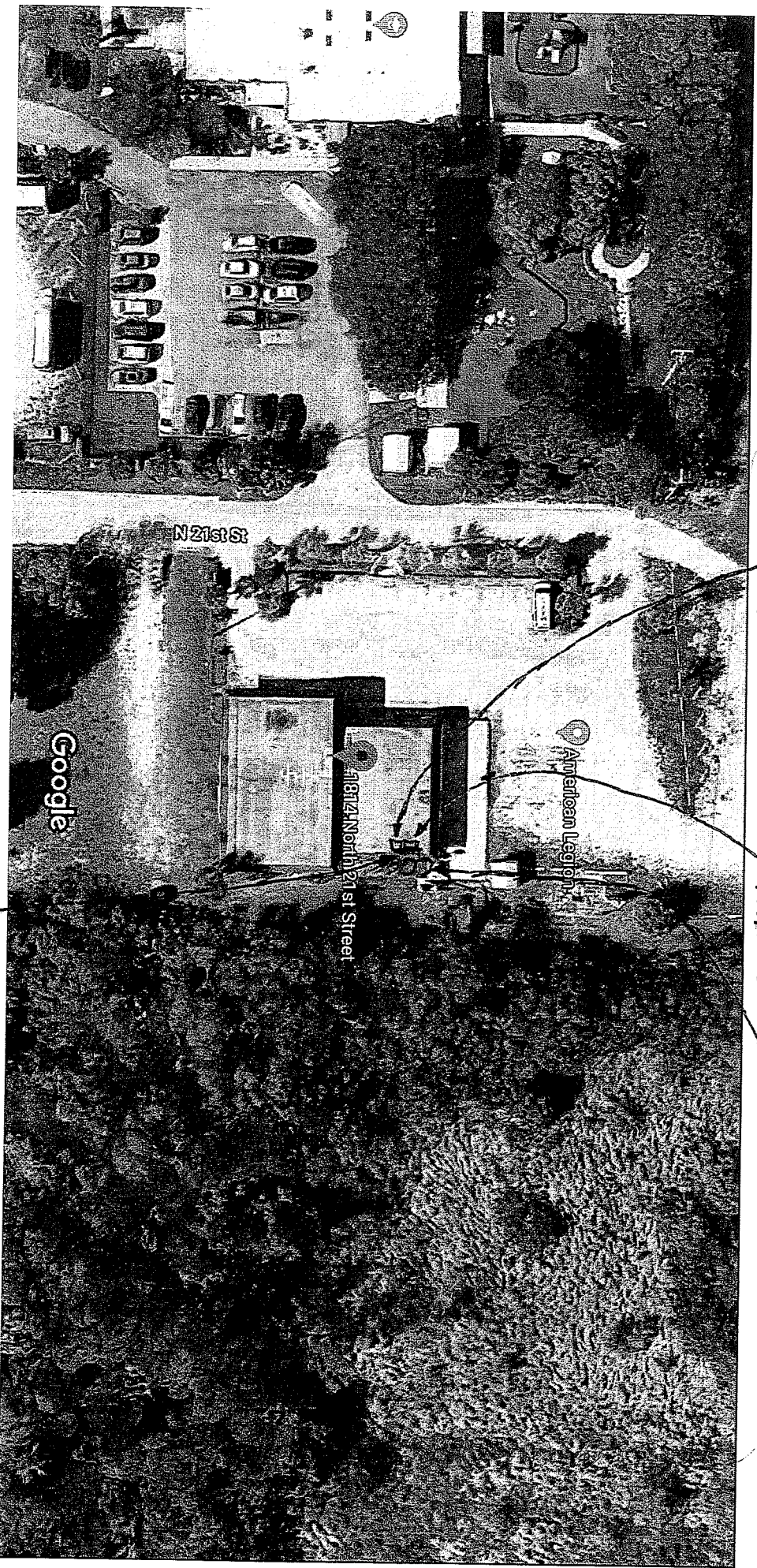
Owner's Affidavit: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and zoning.

Google Maps 1814 N 21st St

Commercial Fryer
90,000 BTU's

Commercial Range
179,000 BTU's

2x420 # Tanks



Imagery ©2019 Google, Map data ©2019 Google 50 ft

20 feet
3/4 Schedule 40

AmeriGas

America's Propane Company

RELIABLE. SAFE. RESPONSIVE

- Corrugated stainless steel tubing (CSST) gas piping systems will be bonded in accordance with Section G2411.1 (310) of the Florida Building Code and NFPA 54.
- Underground gas piping will be installed at a minimum depth of 12 inches below grade in accordance with Section G2415.12 (404.12) of the Florida Building Code and NFPA 58.
- Polyethylene pipe will be installed in accordance with 6.11.4 of NFPA 58 and the Florida Building Code.
- Carbon monoxide monitors will be installed prior to inspection and will meet all code and safety requirements of NFPA 54 and the Florida Building Code.

Compact First Stage Regulators LV3403TR

Application

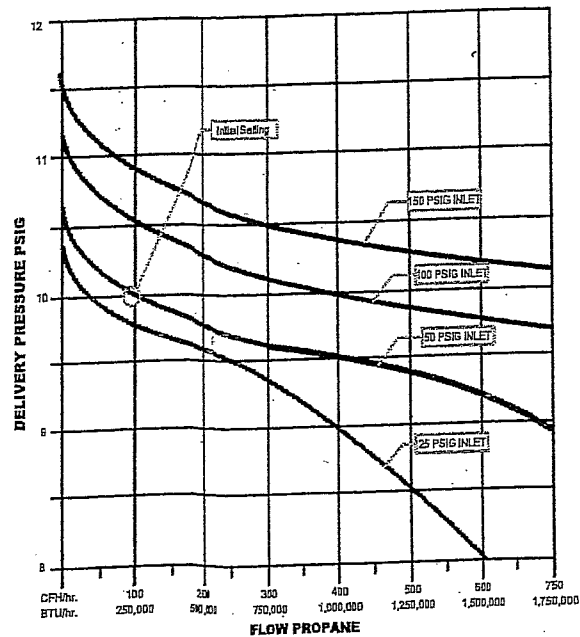
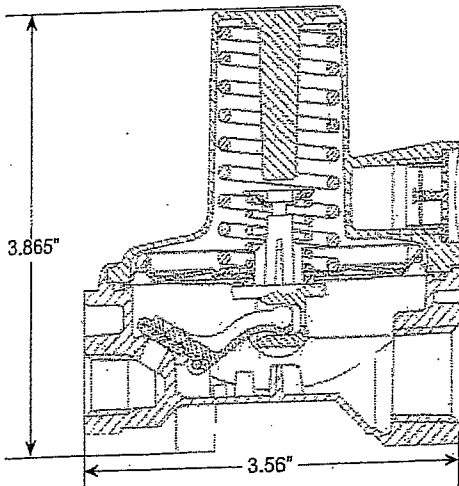
Ideal for use as a first stage regulator on any domestic size ASME or DOT container in propane gas installations requiring up to 1,500,000 BTU's per hour. The regulator is factory set to reduce container pressure to an intermediate pressure of approximately 10 PSIG.

Features

- Compact design can be connected to a service valve using either a POL adapter or a RegO product pigtail.
- Large threaded 3/8" FNPT bonnet vent can easily be piped-away underground installations without the need of glue kits or extra adapters.
- Non Adjustable
- Large flow orifice resists freeze ups due to water concentration in LPG vapor.
- Design provides for good flow regulation at both high and low container pressures.
- Built in relief valve and travel stop comply with NFPA 58 over pressure requirements.
- Incorporates 1/8" FNPT downstream pressure tap for an easy inline check of the regulator's delivery pressure.
- Molded diaphragm provides an o-ring type seal between the body and bonnet.
- Body and bonnet are assembled in the USA using the unique, patented RegUlok seal system.
- Fully painted in brilliant red for complete corrosion protection.
- Mounting bracket available as an accessory: part number 2302-31.

Materials

Body Zinc
 Bonnet Zinc
 Spring Steel
 Seat Disc Resilient Rubber
 Diaphragm Integrated Fabric and Synthetic Rubber



Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Bonnet Vent Position	Vapor Capacity BTU/hr Propane*
LV3403TR	1/4" FNPT	1/2" FNPT	1/4"	10 PSIG	Over Outlet	1,500,000
LV3403TRV9	1/4" FNPT	1/2" FNPT	1/4"	10 PSIG	9:00	1,500,000

* Maximum flow based on inlet pressure 20 PSIG higher than the regulator setting and delivery pressure 20% lower than the setting.

Low Pressure Second Stage Regulators - Standard Settings LV4403B Series

Application

Designed to reduce first stage pressure of 5 to 20 PSIG down to burner pressure, normally 11" w.c. Ideal for medium commercial installations, multiple cylinder installations and normal domestic loads.

Features

- Large vent helps prevent blockage and has 1/4" F.NPT for vent piping.
- With 15 PSIG inlet pressure, regulator is designed to not pass more than 2 PSIG with the seat disc removed.
- Incorporates Integral relief valves.
- Replaceable valve orifice and valve seat disc.
- Straight line valve closure reduces wear on seat disc.
- Unique bonnet vent profile minimizes vent freeze over when properly installed.
- Large molded diaphragm is extra sensitive to pressure changes.
- Built in pressure tap has plugged 1/8" F.NPT outlet. Plug can be removed with a 3/16" hex allen wrench.
- Select brown finish.

Materials

Body Die Cast Zinc
 Bonnet Die Cast Zinc
 Nozzle Orifice Brass
 Spring Steel
 Valve Seat Disc Resilient Rubber
 Diaphragm Integrated Fabric and Synthetic Rubber

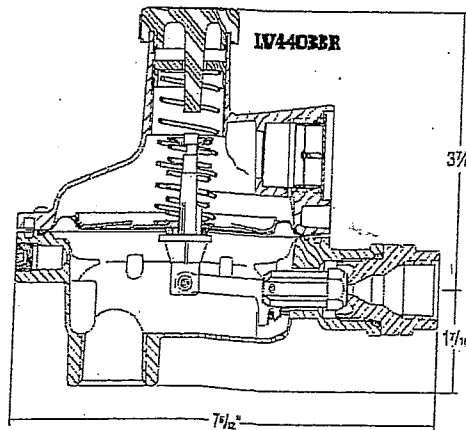
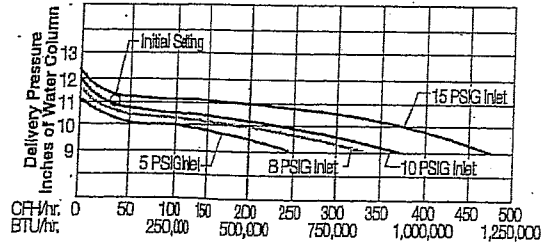
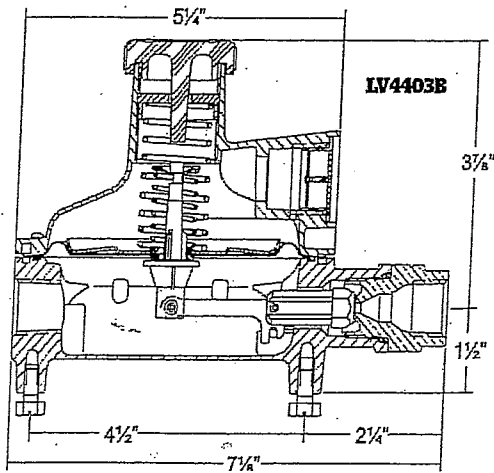


LV4403B Series

A

Backmount Design

Mounts directly to house line piping. Eliminates need for union joints, elbows, and mounting brackets. Quick and easy to install.



Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure	Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane*
LV4403B45	1/2" F. NPT	1/2"	#28 Drill	11" w.c. at 10 PSIG Inlet	9" to 13" w.c.	Over Inlet	935,000
LV4403B46R*							
LV4403B66	3/4" F. NPT						
LV4403B66R*							
	3/4" E. NPT						

* Backmount design

** Maximum flow based on 10 PSIG inlet and 9" w.c. delivery pressure.

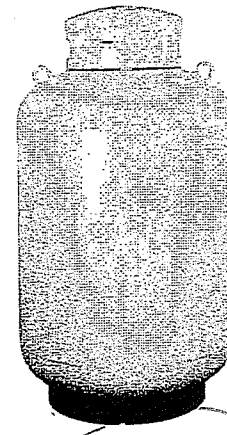
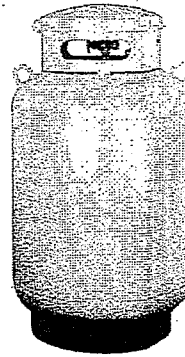
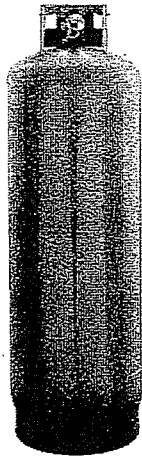
TABLE 16.1(c) Schedule 40 Metallic Pipe

		Gas: <i>Undiluted Propane</i>							
		Inlet Pressure: <i>11.0 in. w.c.</i>							
		Pressure Drop: <i>0.5 in. w.c.</i>							
		Specific Gravity: <i>1.50</i>							
<i>INTENDED USE: Pipe Sizing Between Single- or Second-Stage (Low-Pressure) Regulator and Appliance.</i>									
<i>Pipe Size (in.)</i>									
<i>Nominal:</i>	<i>½</i>	<i>¾</i>	<i>1</i>	<i>1¼</i>	<i>1½</i>	<i>2</i>	<i>2½</i>	<i>3</i>	<i>4</i>
<i>Actual:</i>	0.622	0.824	1.049	1.380	1.610	2.067	2.469	3.068	4.026
<i>Length (ft)</i>	<i>Capacity in Thousands of Btu per Hour</i>								
10	291	608	1,150	2,350	3,520	6,790	10,800	19,100	39,000
20	200	418	787	1,620	2,420	4,660	7,430	13,100	26,800
30	160	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	9,030	18,400
50	122	255	480	985	1,480	2,840	4,530	8,000	16,300
60	110	231	434	892	1,340	2,570	4,100	7,250	14,800
80	101	212	400	821	1,230	2,370	3,770	6,670	13,600
100	94	197	372	763	1,140	2,200	3,510	6,210	12,700
125	89	185	349	716	1,070	2,070	3,290	5,820	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	543	814	1,570	2,500	4,420	9,010
250	62	129	243	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	618	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	1,130	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	1,630	3,320
1,200	24	50	95	195	292	562	895	1,580	3,230

(Continues)

LPG

HEATING



SPECIFICATIONS

STANDARD

MODEL/SIZE (LBS)	100	200	420
HEIGHT (IN)	48	43	52
LPG CAPACITY (GAL)	23.6	47.2	99.1
WATER CAPACITY (FBS)	239	474	1,000
NOMINAL TARE WEIGHT (LBS)	68	142	271
CYLINDER DIAMETER (IN)	14.7	24	30
CYLINDER VOLUME (CU. IN)	6,616	13,120	27,680
COLLAR DIAMETER (IN)	6.5	16	16
COLLAR HEIGHT (IN)	5.1	6.9	6.9
FOOTRING DIAMETER (IN)	14.5	19	22
VALVE	CGA-510 NO OPD	CGA-510 NO OPD	CGA-510 NO OPD
STANDARD SPECIFICATION	DOT-4BW240	DOT-4BW240	DOT-4BW240

METRIC

MODEL/SIZE (LBS)	100	200	420
HEIGHT (MM)	1,219	1092	1,321
LPG CAPACITY (L)	86.7	172	360
WATER CAPACITY (KGT)	108.4	215	450
NOMINAL TARE WEIGHT (KG)	30.8	64.4	122.9
CYLINDER DIAMETER (MM)	373	610	762
CYLINDER VOLUME (L)	108.4	215	450
COLLAR DIAMETER (MM)	165	406	406
COLLAR HEIGHT (MM)	130	175	175
FOOTRING DIAMETER (MM)	368	483	559
VALVE	CGA-510 NO OPD	CGA-510 NO OPD	CGA-510 NO OPD
STANDARD SPECIFICATION	DOT-4BW240	DOT-4BW240	DOT-4BW240

All dimensions are approximate.

200 OLD WILSON BRIDGE ROAD
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 F. 614.438.3083

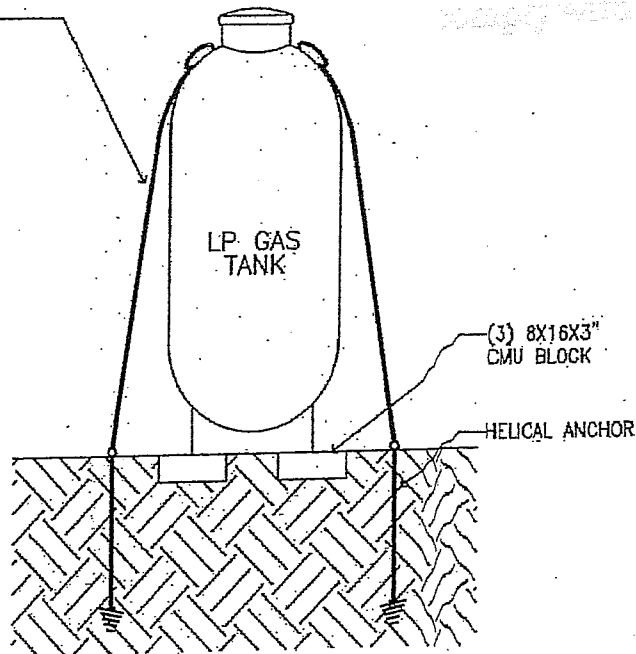
TOLL-FREE: 866.928.2657
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1/8" COATED GALV.
CABLE W/ (2) HDG
CLAMPS TO ANCHOR
(PULLED TIGHT)



"REVIEWED FOR CODE COMPLIANCE"

CITY OF FORT PIERCE

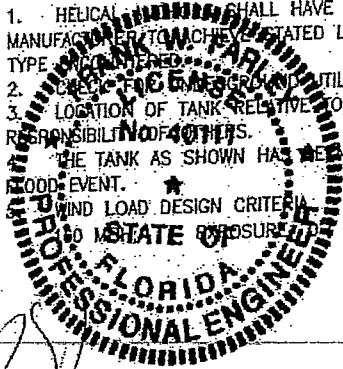
Reviewed: JTB

Date: 1-30-19

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.

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.
 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 THE SUBMITTER.
- THE TANK AS SHOWN HAS BEEN DESIGNED TO PREVENT FLOTATION, COLLAPSE OR LATERAL MOVEMENT DURING THE BASE FLOOD EVENT.
- WIND LOAD DESIGN CRITERIA
 GCpi N/A; Cf = 0.6



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