

DATE 01/30/2009

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000027606

APPLICANT KEVIN MAY PHONE 904.237.8450
ADDRESS 58 CORIANDER TERRACE MIDDLEBURG FL 32069
OWNER STAFFORD & ANNE SCAFF PHONE 386.752.7344
ADDRESS 2399 SE BAYA DRIVE LAKE CITY FL 32025
CONTRACTOR SCOTT LAMBERSON.KC PETROLEUM PHONE 904.693.3200
LOCATION OF PROPERTY CORNER OF SE BAYA & SR 100 ON THE R. S&S STOE # 14.

TYPE DEVELOPMENT REPL DISPENSER SUMPS ESTIMATED COST OF CONSTRUCTION 31280.00
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING I MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT REAR SIDE
NO. EX.D.U. 1 FLOOD ZONE DEVELOPMENT PERMIT NO.

PARCEL ID 34-3S-17-06948-001 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES

PCC1256768

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
FDOT-EXISTING P-025 BLK RTJ N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE. IMPACT FEE EXEMPT. NO ADDITIONAL SQ FOOTAGE.

Check # or Cash 1016

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic
 date/app. by date/app. by date/app. by
Under slab rough-in plumbing Slab Sheathing/Nailing
 date/app. by date/app. by date/app. by
Framing Rough-in plumbing above slab and below wood floor
 date/app. by date/app. by
Electrical rough-in Heat & Air Duct Peri. beam (Lintel)
 date/app. by date/app. by date/app. by
Permanent power C.O. Final Culvert
 date/app. by date/app. by date/app. by
M/H tie downs, blocking, electricity and plumbing Pool
 date/app. by date/app. by
Reconnection Pump pole Utility Pole
 date/app. by date/app. by date/app. by
M/H Pole Travel Trailer Re-roof
 date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 160.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 210.00
INSPECTORS OFFICE CLERKS OFFICE

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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGRESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Building Permit Application

For Office Use Only Application # 0901-39 Date Received 1/27 By JW Permit # 27606
 Zoning Official BLK Date 29.01.09 Flood Zone N/A FEMA Map # N/A Zoning I
 Land Use I Elevation N/A MFE N/A River N/A Plans Examiner [Signature] Date 1/28/09
 Comments Impact Fee Exempt - no additional sq. ft.
☐ NOC ☐ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☒ Letter of Authorization from Contractor
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. P-025-IN BOX Fax 904-786-8441

Name Authorized Person Signing Permit Kevin May Phone 904-237-8450

Address 58 CORIANDER TERRACE, Middleburg, FL 32069

Owners Name SCOTT STAFFORD L. & S. ADAMS #14 Phone 386-752-7344

911 Address 2399 BAYA DR. SE, Lake City, FL 32025

Contractors Name R.C. Petroleum, Inc. Phone 904-693-3200

Address 650 Talleyrand Av, Jacksonville, FL 32202

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address _____

Mortgage Lenders Name & Address _____

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 34-35-17-06948-001 Estimated Cost of Construction 31280.00

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Driving Directions E on Hwy 100 to Baya Dr. S&S Foods @ 2399 SE BAYA DR.

at corner of Baya + Hwy 100

Number of Existing Dwellings on Property 1

Construction of Replace existing dispenser sumps. Total Acreage _____ Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height _____

Actual Distance of Structure from Property Lines - Front _____ Side _____ Side _____ Rear _____

Number of Stories _____ Heated Floor Area _____ Total Floor Area _____ Roof Pitch _____

Application is hereby made to obtain a permit to do 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 be performed to meet the standards of all laws regulating construction in this jurisdiction.

Columbia County Building Permit Application

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU 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 ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.


Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

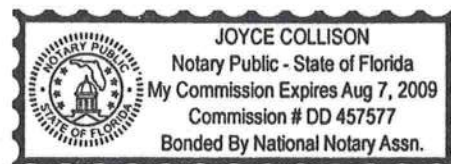

Contractor's Signature (Permitee)

Contractor's License Number PCC 1256768
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 20th day of January 2009.
Personally known ☒ or Produced Identification _____


State of Florida Notary Signature (For the Contractor)

SEAL:



JW called Kevin 1.29.09

NOTICE OF COMMENCEMENT

Inst: 200912001208 Date: 1/27/2009 Time: 9:41 AM
DC, P. DeWitt Cason, Columbia County Page 1 of 2 B: 1166 P: 23

Tax Parcel Identification Number 34-35-17-06948-001

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): See Attached
a) Street (job) Address: 2399 Baya Dr., Lake City, FL 32025-4908
2. General description of improvements: Replace existing dispenser sumps and repipe existing piping.
3. Owner Information
a) Name and address: SCAFF STAFFORD L., 134 SE Colburn Ave., Lake City, FL 32025
b) Name and address of fee simple titleholder (if other than owner) _____
c) Interest in property OWNER
4. Contractor Information
a) Name and address: H.C. Petroleum, Inc., 650 Talleyrand Ave., Jacksonville, FL 32202
b) Telephone No.: 904-693-3200 Fax No. (Opt.): 904-786-8441
5. Surety Information
a) Name and address: N/A
b) Amount of Bond: _____
c) Telephone No.: _____ Fax No. (Opt.): _____
6. Lender
a) Name and address: N/A
b) Phone No. _____
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
a) Name and address: KEVIN L. CORMIER, P.O. Box 60742, Jacksonville, FL 32236
b) Telephone No.: 904-693-3200 Fax No. (Opt.): 904-786-8441

8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:

- a) Name and address: _____
- b) Telephone No.: _____ Fax No. (Opt.): _____

9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN 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 YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

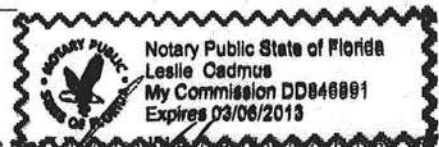
STATE OF FLORIDA
COUNTY OF COLUMBIA

10. [Signature]
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager
LESTER SCAFF
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 27 day of January, 2009, by:
Lester Scaff as President (type of authority, e.g. officer, trustee, attorney
fact) for _____ (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification _____ Type _____

Notary Signature [Signature] Notary Stamp or Seal:



11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

[Signature]
Signature of Natural Person Signing (in line #10 above.)

001 Columbia County 2009 R
CARD 001 of 001
PRINTED 1/09/2009 10:01
APPR 2/16/2005 TWDF BY JEFF

Columbia County 2009 R

1/09/2009 10:01

ARD 001 OF 001
BY JEFF

BOOK	PAGE	DATE	SALE	PERMITS	AMT	ISSUED	PRICE
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LIMITED POWER OF ATTORNEY

To: Columbia County Building Dept.
P. O. Box 1529
Lake City, FL 32056-1529

Date: 1/27/09

I hereby name and appoint: Kevin May
An agent of: K.C. Petroleum, Inc.
(name of company)

To be my lawful attorney-in-fact to act for me to apply for, receipt for, and sign for and do all things necessary to this appointment for a building permit for work to be performed at:

Parcel No.: 34-3S-17-06948-001

Lot No.:

Block No.:

Subdivision:

Job Site Address: 2399 S E Baya Dr., Lake City, FL 32025-4908

Owner Name: Scaff Stafford L.

Owner Address: 134 Colburn Ave., Lake City, FL 32025

Name of Contractor: Scott Lamberson

State License Number: CBC 058001 , PCC1256768

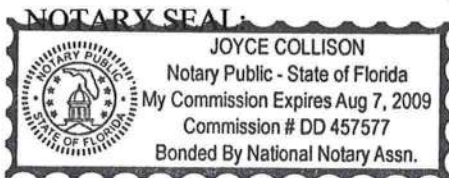
Signature of Contractor: Scott M. Lamberson

STATE OF FLORIDA

COUNTY OF: Duval

The foregoing instrument was acknowledged before me this 27th day of
January, 2009 by SCOTT Lamberson.;
(name of person acknowledging)

who is ☒ personally known to me or ☐ who produced _____
as identification.



LIMITED POWER OF ATTORNEY.doc

Joyce Collison
(Signature of Notary Public)

Joyce Collison
(Typed or Printed Name of Notary)

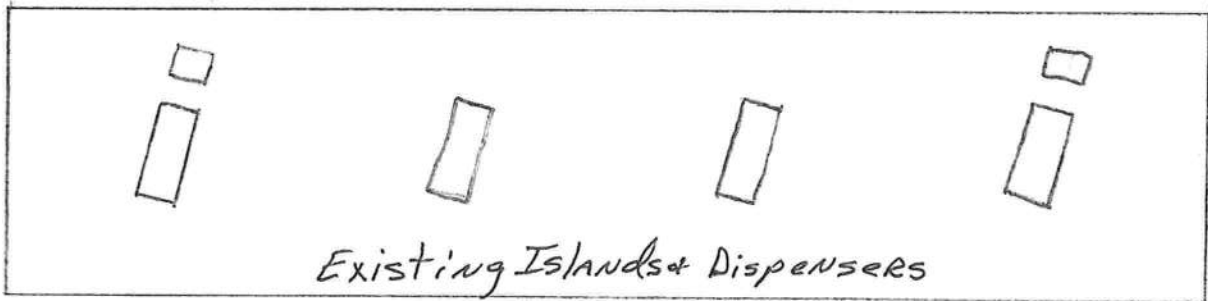
S&S 14

2399 SE BAY DR.

BAY DR.

Hwy 100

Break out concrete at each dispenser.
Replace existing dispenser sumps. Repipe
existing lines to new dispenser sumps.



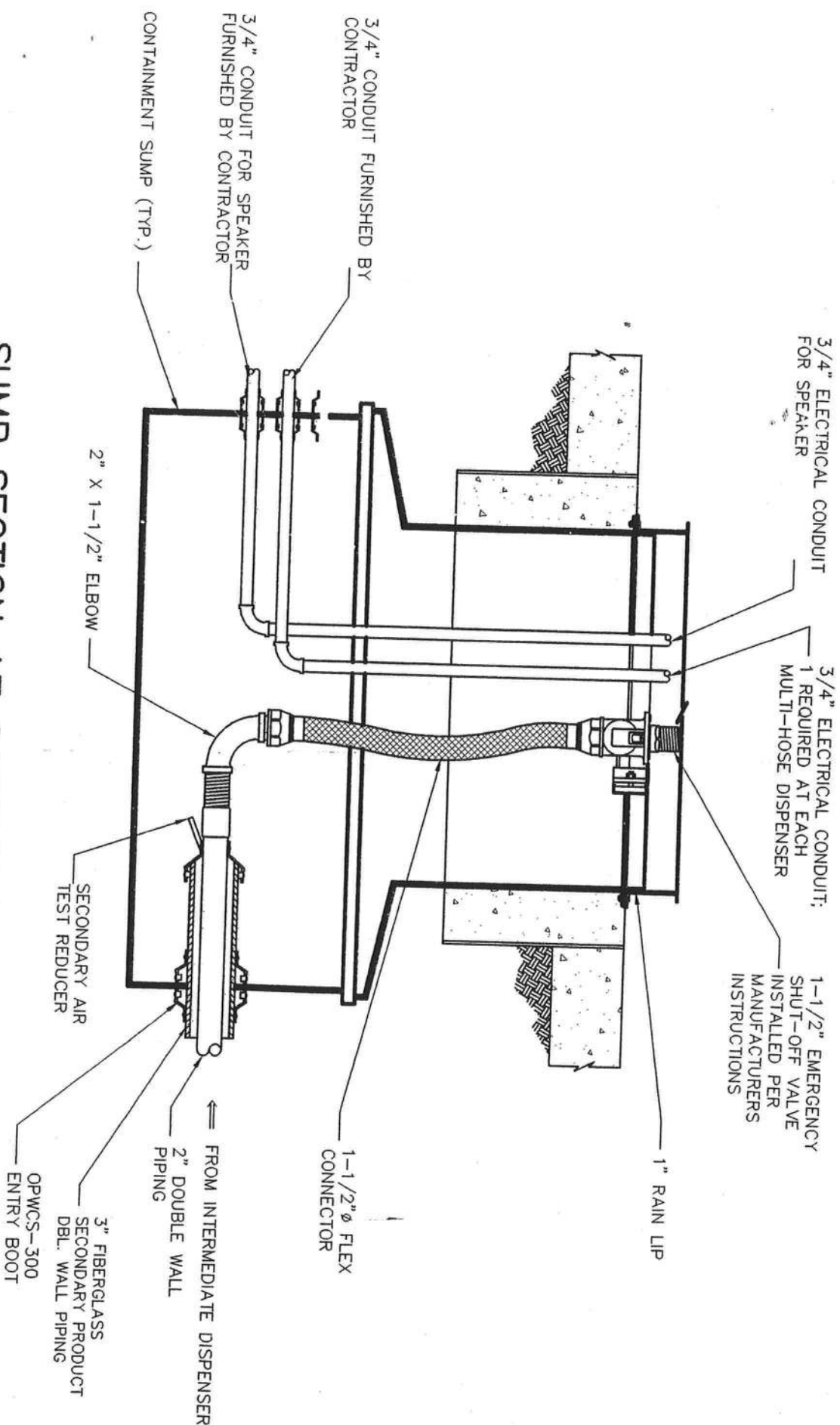
Existing Islands & Dispensers

Existing canopy



S&S #14

STORE



SUMP SECTION AT GASOLINE DISPENSER

N.T.S.



K.C. Petroleum, Inc.

P.O. Box 60742
Jacksonville, FL 32236
(904) 693-3200
(904) 786-8441



CBC-058001 PCC-1256768

Date: 01/20/09

RICHARD SCAFF
S&S FOOD STORES
134 S.E. COLBURN AVE
LAKE CITY, FL
32025

Job #: 560020

S&S #14 Dispenser Sump Replace
2399 Baya Dr.
LAKE CITY, FL

K.C Petroleum is pleased to provide the following proposal on the above referenced project:

COMBINED MATERIALS & EQUIPMENT

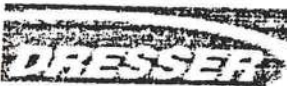
Manufacturer	Description	Quantity	Unit	Unit Price	Total Price
EQ 296	PetroFiberglass DPF-1A W - Advantage Disp. Sump	4.00	EA		
	PetroFiberglass DPF-7 W - H-111 Dispenser Sump	2.00	EA		
	PetroFiberglass DPF-SB-- Stabilizer Bar	10.00	EA		
FIBERGLASS PIPING & FITTINGS					
EQ 252	AO SMITH 3" RED THREAD IIA PIPE	50.00	FT		
	AO SMITH 2" RED THREAD IIA PIPE	50.00	FT		
	AO SMITH 2" RED THREAD IIA FITTINGS (90 ELBOW)	10.00	EA		
	AO SMITH 2" RED THREAD IIA FITTINGS-(45 ELBOW)	20.00	EA		
	AO SMITH 2" RED THREAD IIA FITTINGS (SLEEVE)	10.00	EA		
	AO SMITH 2x1.5 Female NPT Reducer Bushing	10.00	EA		
	AO SMITH 3" 45 Elbow Secondary Cont. Fittings	20.00	EA		
	AO SMITH 3" Sleeve Coupling Secondary Cont. Fittings	10.00	EA		
	DS-8000 Series Adhesive	30.00	EA		
FLEXIBLE PIPING & FITTINGS					
EQ 285	OPW Pisce EBF-0300 - 3" FRP Pipe Entry Fitting	10.00	EA		
	OPW Pisce TBA-3020- 3" to 2" Test Boot	10.00	EA		
	OPW Pisce EBF-0751 - Electrical Pipe Entry Fitting	12.00	EA		
FLEX CONNECTORS & SHEAR VALVES					
OPW	FCW15-SWM18 - 1.5" x 18" Flex Hose	10.00	EA		
OPW	10BF-5725 - 1.5 Shear Valve	10.00	EA		
	Freight	1.00	LS		

Equipment Sub-

SCOPE OF WORK

Obtain permits for our scope of work.

Disconnect, remove and set aside six existing dispensers and blow back the product piping to each tank.



Wayne

Proposal, Page #: 2
Date: 01/20/09

Proposal, Page #:

Date: 01/20/09

Saw-cut islands, demo, cut back the existing product piping and electrical, remove the existing dispenser pans and dispose of.

Furnish and install (4) dispenser sumps for Gilbarco Advantage B05 and (2) dispenser sumps for Gilbarco H-111 with flex hoses, shear valves, pipe entry boots.

Connect back dispensers using double-walled fiberglass product piping tying onto the existing.

Furnish, place and finish the demolished island areas as needed.

Re-install the (4) Advantage and (2) H-111 dispensers.

Purge and calibrate dispensers on start-up.

Precision test lines only.

Clean-up and dispose of any uncontaminated construction debris due to this scope of work.

Proposal Recap:

Equipment Sub-Total:

Installation Sub-Total:

PROJECT TOTAL:

All applicable sales tax is paid by K.C. Petroleum, Inc. and included in the proposal total above.


Payment is due upon completion of the work and should be made to the address shown above. Past due or unpaid balances shall accrue interest at the rate of 1.5% per month. Purchases further down the page are not included in the proposal total above.

Purchaser further agrees to pay K. C. Petroleum, Inc. reasonable attorneys fees and cost if this account is placed in the hands of an attorney or outside agency for collection.

If payment is not made in a timely manner, a lien will be filed on the property and will not be released until the balance is paid in full, including interest, attorney fees and recording fees.

NOTES:

1.) Exhibits A&B attached and made apart of this proposal. 2.) Environmental screening by others. 3.) Electrical by others. 4.) Diesel islands may need to be SHIFTED to clear canopy footings and will be extra on a T & M bases if required. 5.) Payment terms: Net 10 Days.

 1/20/09
Authorized Signature Date

Date _____

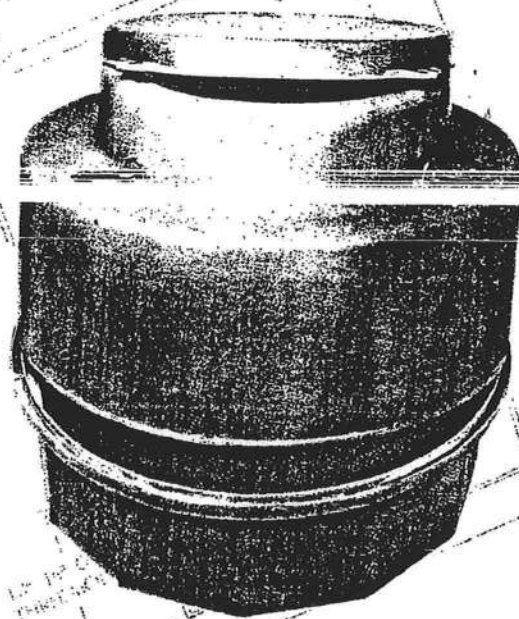
KC Petroleum, Inc.
PO Box 60742
Jacksonville, FL 32236

Acceptance Signature: _____

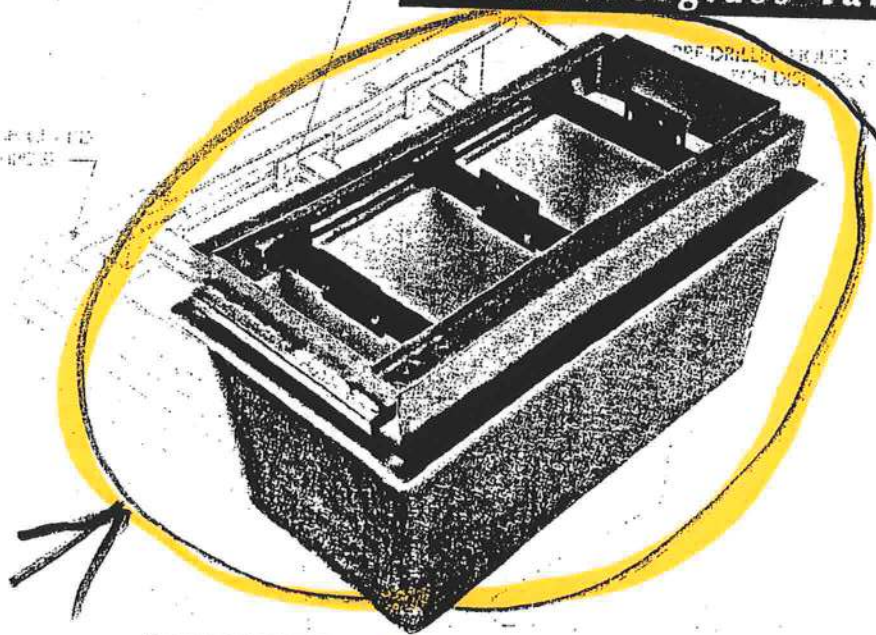
Date _____

Company Name/Billing Address

PETRO FIBERGLASS INC.



Fiberglass Tank Sump



Fiberglass Dispenser Sump

Petro
FIBERGLASS, INC.

The Fiberglass Advantage

Petro

FIBERGLASS SUMPS

PRODUCT & INSTALLATION DATA

Fiberglass Tank & Dispenser Sumps

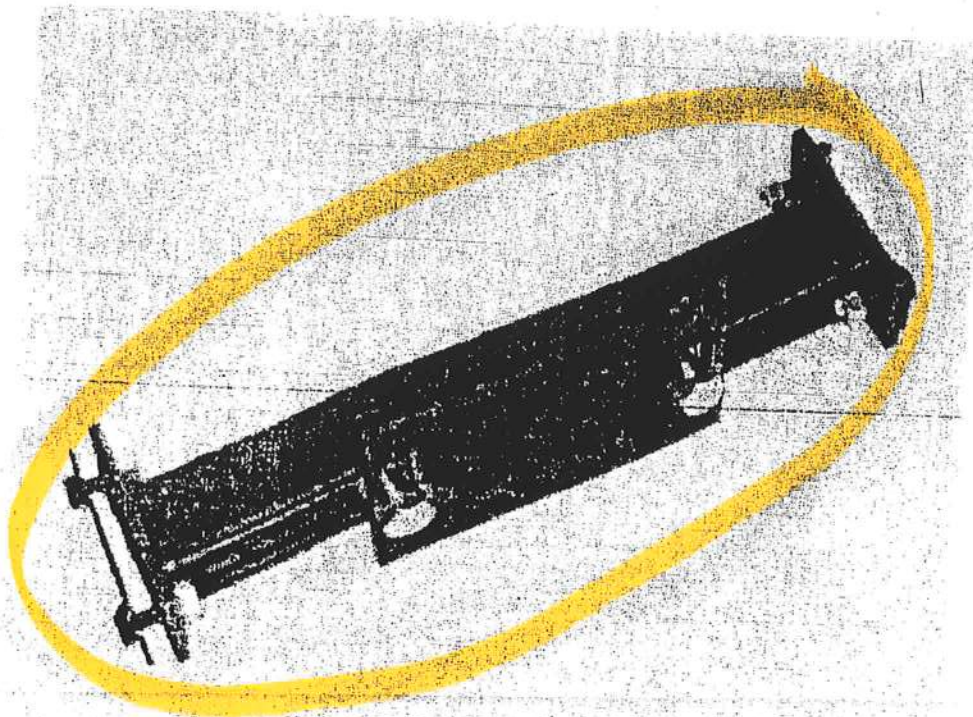
Petro Fiberglass Sumps offers fiberglass reinforced dispenser sumps and tank sumps which are designed to provide secondary containment for underground fuel systems. The sumps are manufactured for compatibility with piping systems. Both dispenser sumps and tank sumps are constructed of Isophthalic Polyester resin and 100% fiberglass reinforcement. These materials provide excellent chemical resistance to oxygenated fuels, alcohol blended fuels, and petroleum products. Stiffer than polyethylene, these stronger materials also resist soil and hydraulic forces in the buried environment resulting in fewer ecological clean-ups.

DISPENSER SUMPS

Dispenser sumps are available in a wide range of sizes to accommodate single, dual, and multi-product dispensers (MPD's).

- Dispenser sumps protect primary piping connections and the environment.
- Stabilizer bar kits with mounting plates are ordered with all Petro Fiberglass dispenser sumps.
- Both fiberglass and flexible entry fittings are available, from third party suppliers, for pipe entries.
- Mounting frame is independently tested for corrosion and impact.

STABILIZER BAR KIT



1-501-568-4010
Fax 1-501-568-4465 :62

Fiber Glass Systems™

Bulletin No. B2193
November 1, 2006

PIPING



PETROLEUM MARKETING Suggested Price Schedule

RED THREAD® IIA Primary Piping - All pipe is supplied spigot x spigot ends in 15-ft., 22-25 ft. or 26-30 ft. random lengths. RED THREAD IIA primary pipe is UL/ULC Listed.

ALL PRICES - U.S. DOLLARS

Nominal PIPE SIZE	PART. NUMBER	PIPE LENGTH	PRICE PER FOOT	WEIGHT	LENGTHS PER BUNDLE
2"	011020-069-1	15'	3.90	0.4	8
2"	011020-069-2	22-25'	3.90	0.4	8
2"	011020-069-3	26-30'	3.90	0.4	8
3"	011030-069-1	15'	5.90	0.8	6
3"	011030-069-2	22-25'	5.90	0.8	6
3"	011030-069-3	26-30'	5.90	0.8	6
4"	011040-071-1	15'	7.50	1.0	4
4"	011040-069-2	22-25'	7.50	1.0	4
4"	011040-071-3	26-30'	7.50	1.0	4

RED THREAD® IIA Secondary Containment Piping - All pipe is supplied plain end in 15-ft., 22-25 ft., or 26-30 ft. random lengths. Secondary Containment piping & fittings in 3" and 4" sizes are UL/ULC Listed. Note: 6" pipe and fittings are not UL/ULC Listed.

NON PIPE SIZE	PART NUMBER	PIPE LENGTH	PRICE PER FOOT	WEIGHT	LENGTHS PER BUNDLE
3"	011030-069-4	15'	5.90	0.8	6
3"	011030-069-5	22-25'	5.90	0.8	6
3"	011030-069-6	26-30'	5.90	0.8	6
4"	011040-077-5	15'	7.50	1.0	4
4"	011040-069-5	22-25'	7.50	1.0	4
4"	011040-077-6	26-30'	7.50	1.0	4
6"	011060-120-5	15'	13.50	2.4	2
6"	011060-120-4	22-25'	13.50	2.4	2
6"	011060-120-6	26-30'	13.50	2.4	2

PRIMARY FITTINGS



90° PRIMARY ELBOW, belled ends				
SIZE	PART NUMBER	PRICE	WEIGHT	PARTS PER BOX
2"	012020-360-4	34.30	1.2	20
3"	012030-360-4	46.80	2.3	12
4"	012040-360-4	65.80	3.3	6

FLANGE, belled end				
SIZE	PART NUMBER	PRICE	WEIGHT	PARTS PER BOX
2"	012020-170-4	28.20	1.3	16
3"	012030-170-4	33.30	2.6	8
4"	012040-170-4	38.40	3.6	6



45° PRIMARY ELBOW, belled ends				
SIZE	PART NUMBER	PRICE	WEIGHT	PARTS PER BOX
2"	012020-310-4	34.30	0.9	20
3"	012030-310-4	46.80	1.6	15
4"	012040-310-4	59.00	2.4	6

SLEEVE COUPLING, belled ends				
SIZE	PART NUMBER	PRICE	WEIGHT	PARTS PER BOX
2"	012020-101-8	10.20	1.2	25
3"	012030-101-8	15.30	2.3	12
4"	012040-101-4	21.20	3.3	5



TEE, belled ends				
SIZE	PART NUMBER	PRICE	WEIGHT	PARTS PER BOX
2"	012020-410-4	49.70	1.9	12
3"	012030-410-4	54.80	3.6	6
4"	012040-410-4	71.90	4.9	4

END CAP				
SIZE	PART NUMBER	PRICE	WEIGHT	PARTS PER BOX
2"	012020-180-4	42.00	1.4	16



NIPPLE, tapered both ends			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
2" x 4"	012020-004-5	5.90	25
2" x 6"	012020-006-5	6.60	25
2" x 8"	012020-008-5	7.20	25
2" x 10"	012020-010-5	8.50	12
2" x 12"	012020-012-5	9.40	12
3" x 6"	012030-006-5	7.20	12
3" x 8"	012030-008-5	7.30	9
3" x 10"	012030-010-5	9.40	5
3" x 12"	012030-012-5	10.80	5
4" x 6"	012040-006-4	9.20	9
4" x 8"	012040-008-4	9.40	6
4" x 10"	012040-010-4	10.70	4
4" x 12"	012040-012-4	12.60	4

THREADED ADAPTER				
SIZE	PART NUMBER	PRICE	WEIGHT	PARTS PER BOX
Bell x Male				
2"	012020-191-4	15.00	0.3	25
3"	012030-191-4	28.20	0.6	12
4"	012040-191-4	31.80	1.0	9
Bell x Female				
2"	012020-194-4	15.00	0.3	25
3"	012030-194-4	28.20	0.5	12
4"	012040-194-4	31.80	0.5	8
Spigot x Male				
2"	012020-192-4	15.00	0.3	25
3"	012030-192-4	28.20	0.6	12
4"	012040-192-4	31.80	1.0	8
Spigot x Female				
2"	012020-195-4	15.00	0.3	25
3"	012030-195-4	28.20	0.5	12
4"	012040-195-4	31.80	0.6	8

REDUCER BUSHING				
SIZE	PART NUMBER	PRICE	WEIGHT	PARTS PER BOX
2" x 1"	012020-233-4	22.40	0.4	20
2" x 1 1/4"	012020-232-4	22.40	0.1	20
2" x 1 1/2"	012020-231-4	22.40	0.1	20
3" x 2"	012030-231-4	23.30	0.8	24
4" x 3"	012040-231-4	29.90	1.0	9

* Reduced opening has female NPT threads.

SADDLE, female NPT				
SIZE	PART NUMBER	PRICE	WEIGHT	PARTS PER BOX
2" x 1 1/2"	012020-516-4	35.10	0.5	1

SUMP FITTINGS

SUMP ENTRY/TERMINATION FITTING			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
Bonded(1 Port, 3 Tapered Rings)			
3"	012030-626-0	157.70	1
4"	012040-626-0	194.00	1
Gasketed(1 Port)			
3"	012030-620-0	212.30	N/A
4"	012040-620-0	303.20	N/A

CONCENTRIC REDUCER			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
4" x 3"	012040-238-3	34.90	15
5" x 4"	012050-238-3	72.80	10

4" x 3" Concentric Reducer must be ordered when using 3" sump entry/termination fitting.

5" x 4" Concentric Reducer must be ordered when using 4" sump entry/termination fitting.

SUMP ADAPTER			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
3"	012030-610-1	92.40	N/A

Note: 3" x 2" Termination Fitting may be used with 3" sump adapter:

TAP	PART NUMBER	PRICE	PARTS PER BOX
With 3/4" NPT Tap	012030-236-3	103.00	12
Without Tap	012030-235-3	55.60	10

SECONDARY CONTAINMENT FITTINGS

90° ELBOW			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
3"	012030-360-3	49.20	10
4"	012040-360-3	95.20	5
6"	012060-360-9	289.20	N/A

45° ELBOW			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
3"	012030-310-3	49.20	10
4"	012040-310-3	95.20	5
6"	012060-310-9	279.90	N/A



TEE			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
3"	012030-410-3	72.20	10
4"	012040-410-3	118.80	5
6"	012060-410-9	332.10	N/A



SLEEVE COUPLING			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
3"	012030-101-3	42.20	10
4"	012040-101-3	92.00	5
6"	012060-101-9	251.80	N/A



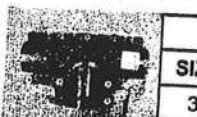
SLEEVE COUPLING, one-piece, Scarfed O.D.			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
2"	012020-101-9	20.80	25
3"	012030-101-9	22.80	12
4"	012040-101-9	28.80	5



THREADED ADAPTER, Bell x Male, Scarfed O.D.			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
2"	002020-191-7	18.00	25
3"	002030-191-7	31.40	12
4"	002040-191-7	36.40	9



CROSSOVER 45° ELBOW			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
3"	012030-311-3	57.50	10
4"	012040-311-3	97.80	5

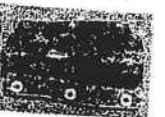


CROSSOVER TEE			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
3"	012030-411-3	74.40	10
4"	012040-411-3	120.30	5



CROSSOVER NIPPLE			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
3" x 6"	012030-006-7	8.00	12
4" x 6"	012040-006-7	9.30	9
6" x 8"	012060-008-7	14.20	N/A

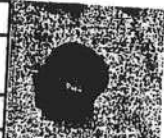
TERMINATION FITTING			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
<i>With 3/4" NPT Tap</i>			
3" x 2"	012030-236-3	103.00	12
4" x 3"	012040-236-3	134.80	8
6" x 4"	012060-234-7	285.40	N/A
<i>Without Tap</i>			
3" x 2"	012030-235-3	55.60	10
4" x 3"	012040-235-3	103.00	15
6" x 4"	012060-235-7	251.80	N/A



SADDLE			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
<i>Belled Outlet</i>			
3" x 2"	012030-521-4	47.00	1
4" x 2"	012040-521-4	53.10	1
4" x 3"	012040-531-4	63.90	1
<i>Female NPT Outlet</i>			
3" x 1"	012030-511-4	34.80	1
3" x 1 1/4"	012030-512-4	34.80	1
3" x 1 1/2"	012030-516-4	34.80	1
4" x 1"	012040-511-4	35.10	1
4" x 1 1/4"	012040-512-4	35.10	1
4" x 1 1/2"	012040-516-4	35.10	1



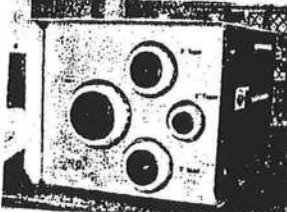
REDUCER BUSHING, Scarfed O.D.			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
3" x 2"	012030-231-7	18.80	24
4" x 3"	012040-231-7	26.30	9



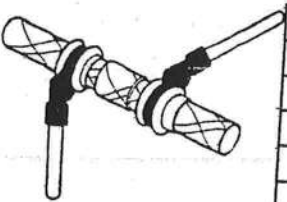
CENTRALIZER			
SIZE	PART NUMBER	PRICE	PARTS PER BOX
2" x 3"	013020-650-3	12.70	N/A
3" x 4"	013030-651-4	13.80	N/A
4" x 6"	013040-650-6	16.00	N/A



TOOLS & ACCESSORIES

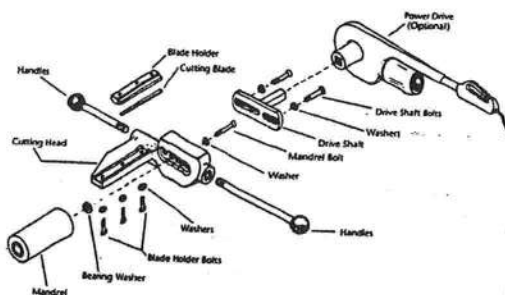


POWER TOOLS			
DESCRIPTION	PART NUMBER	PRICE	SIZE
Model 2100 Taper/Scarf	005990-795-0	1,771.70	110V
Model 2100-I Taper/Scarf	005990-797-0	2,039.60	220/240V 50 cycle
Model 2102 Taper/Scarf	005990-790-0	2,063.90	110V
Model 2102-I Taper/Scarf	005990-780-0	2,160.90	220/240V 50 cycle



T.A.B. JOINT WRENCH SETS			
SIZE	PART NUMBER	PRICE	PRICE (TWO WRENCH SET)
2"	005990-712-0	193.50	387.00
3"	005990-713-0	205.60	411.20
4"	005990-714-0	217.80	435.60
6"	005990-716-0	269.60	539.20

MANUAL TOOLS & ACCESSORIES



MANUAL TOOLS		
DESCRIPTION	PART NUMBER	PRICE
2" - 4" Manual Tapering Tool	005990-800-0	569.65
Cutting Head Kit	005990-810-0	336.00
Power Adapter for Cutting Head	005990-813-0	58.80
Adapter Block for 1" & 1 1/2"	005990-812-0	74.55
Adapter Kit for 1" & 1 1/2"	005990-811-0	211.05
Scarfig Adapter Kit for 3" & 4" Secondary Containment Pipe	005990-915-0	109.75
Scarfig Adapter Kit for 6" Secondary Containment Pipe	005990-922-1	148.60
1" Mandrel	005990-820-0	57.75
1 1/2" Mandrel	005990-821-0	70.90
2" Mandrel	005990-822-0	85.60
3" Mandrel	005990-823-0	122.35
4" Mandrel	005990-824-0	138.60
6" Mandrel	005990-825-0	212.65
Tapering Blade for 1" - 6" Tool	005990-814-0	3835
Scarfig Blade for Secondary Containment	005990-916-0	71.40
Blade Holder for Secondary Containment Blade	005990-917-0	73.50

SECONDARY CONTAINMENT GAUGE NIPPLES

SIZE	PART NUMBER	PRICE
3"	012030-050-0	6.10
4"	012040-050-0	7.30
6"	012060-120-0	18.80

ELECTRIC HEATING COLLARS

SIZE	PART NUMBER	PRICE	SIZE
2"	005990-502-0	106.00	110V
3"	005990-503-0	122.25	110V
4"	005990-504-0	136.00	110V
6"	005990-505-0	168.00	110V
2"	005990-502-1	149.85	240V
3"	005990-503-1	184.10	240V
4"	005990-504-1	215.05	240V
6"	005990-505-1	264.85	240V

SMITH HEAT PACK

SIZE	PART NUMBER	PRICE	PACKAGING
2"	005990-400-1	6.40	20/case
3"	005990-401-1	8.70	18/case
4"	005990-402-1	11.00	16/case
6"	005990-403-1	14.60	12/case

ADHESIVES

DESCRIPTION	PART NUMBER	PRICE	SIZE	PACKAGING
7014	002990-000-0	16.50	6.8 oz.	10/Box
7024	002990-040-0	22.10	2.5 oz. Twin Pack	10/Box
7069	002990-030-0	22.10	9.95 oz.	10/Box
8014	022990-000-0	16.50	6.4 oz.	10/Box
8024	022990-050-0	22.10	2.7 oz. Twin Pack	10/Box
8055	022990-020-0	11.70	1.6 oz. Small Pack	20/Case
8069	022990-033-0	22.10	9.3 oz.	10/Box
FILLER				
7014-8014	002990-004-0	2.80	For Secondary Containment	50/Case
7069-8069	002990-033-0	2.80	For Secondary Containment	50/Case
SOLVENT				
Trichloroethylene	002990-008-0	10.50	12 oz.	12/Case

UL TRAINING KIT	PART NUMBER	PRICE
4-Person Training Kit	012030-000-2	330.80

- 1 Each - 8024 Kit
- 2 Each - 2" 90° Elbows, 3" S.C. Couplings, 8014 Kit, 8014 Filler Kits
- 4 Each - 2" x 12" Plain End Pipe & 3" x 12" Plain End Pipe, B2160

MINIMUM ORDER - Total Quantity \$250.00

NOTE: MINIMUM ORDER TO RECEIVE DISCOUNT IS \$500.00

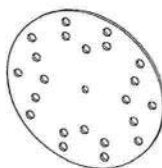
TERMS - F.O.B. Origin. A maximum of one pipe per bundle factory coupled lengths (joiners) may be shipped. All shipments will be to the nearest random length and billings will be made to the nearest foot shipped. Prices subject to change without notice. All sales subject to Fiber Glass Systems General Terms and Conditions of Sale.

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PISCES™ INSTALLATION TOOLS



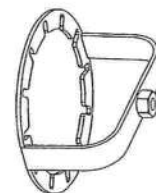
HS



BFT-300



SL-1100



CSW

Ordering Specifications

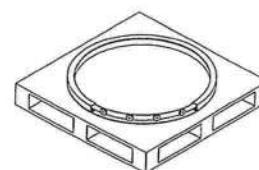
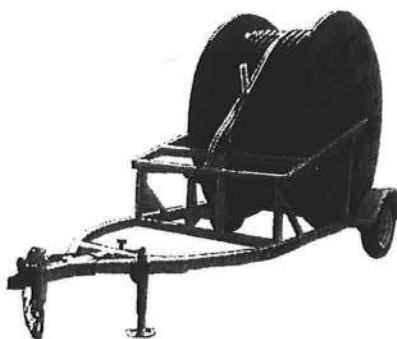
Model No.	Description	Weight	
		lbs.	kg.
HS-275	Hole Saw, 2 1/4" c/w Arbor	0.5	0.2
HS-300	Hole Saw, 3" c/w Arbor	0.5	0.2
HS-350	Hole Saw, 3 1/2" c/w Arbor	0.5	0.2
HS-375	Hole Saw, 3 3/4" c/w Arbor	0.5	0.2
HS-450	Hole Saw, 4 1/2" c/w Arbor	1	0.5
HS-500	Hole Saw, 5" c/w Arbor	1	0.5
HS-550	Hole Saw, 5 1/2" c/w Arbor	1	0.5
HS-600	Hole Saw, 6" c/w Arbor	1	0.5
CHS-275	Carbide Tip Hole Saw, 2 1/4" (for FRP Sumps)	0.5	0.2
CHS-300	Carbide Tip Hole Saw, 3" (for FRP Sumps)	0.5	0.2
CHS-350	Carbide Tip Hole Saw, 3 1/2" (for FRP Sumps)	0.5	0.2
CHS-375	Carbide Tip Hole Saw, 3 3/4" (for FRP Sumps)	0.5	0.2
CHS-450	Carbide Tip Hole Saw, 4 1/2" (for FRP Sumps)	1	0.5
CHS-500	Carbide Tip Hole Saw, 5" (for FRP Sumps)	1	0.5
CHS-550	Carbide Tip Hole Saw, 5 1/2" (for FRP Sumps)	1	0.5
CHS-600	Carbide Tip Hole Saw, 6" (for FRP Sumps)	1	0.5
HSA-600	Hole Saw Arbor for Carbide Tip Hole Saws (CHS)	1	0.5
BFT-300	Bolted Flex-Flange Fitting Installation Template	1	0.5
SL-1100	Urethane Sealant (Packaged 12 Tubes/Case)	1	0.5
CSW-300	Conical Seal Entry Fitting Wrench (for CS-200, 300, 400)	0.5	0.2
CSW-200	Conical Seal Entry Fitting Wrench (for CS-200F, 150)	0.5	0.2
CSW-100	Conical Seal Entry Fitting Wrench (for CS-100, 075)	0.5	0.2
BCW-30	Band Clamp Wrench, 30 in. lbs.	1	0.5
BCW-60	Band Clamp Wrench, 60 in. lbs.	1	0.5
SW-300	Open-Face Entry Fitting Spanner Wrench (for all CS Fittings with pipe installed)	1	0.5

PISCES™ Pipe Reel Handling Equipment

The PISCES™ Pipe Reel Trailer provides a convenient means to both transport and unroll PISCES™ Pipe. The PISCES™ Pipe Reel Carousel provides a convenient means of unrolling PISCES™ Pipe Reels.

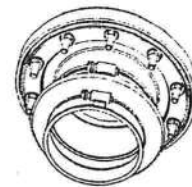
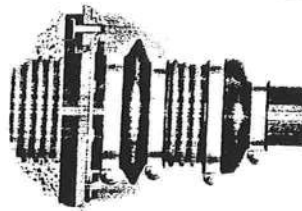
Ordering Specifications

Model No.	Description
PRT-1000	PISCES™ Pipe Reel Trailer
PRC-1000	PISCES™ Pipe Reel Carousel



PISCES™ BOLTED FLANGE ENTRY FITTINGS

PISCES™ Bolted Flange Entry Fittings are installed in sump walls to seal the entry of fuel pipes, conduits, and vapor pipes. The boots on these fittings are replaceable from inside the sump without excavation.

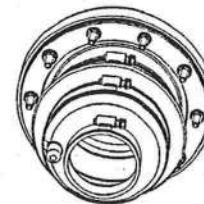
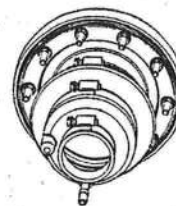


Ordering Specifications

Model No.	Bolted Flange Entry Fittings	Nominal Boot ID.	Hole Saw Required	Weight		Packaging
				lbs.	kg.	
BFP-400	4" PISCES™ AP40 Access/Containment or 4" FRP Pipe Entry Fitting	4 1/4"	5 1/2"	1.5	0.7	6/box
BFP-300	3" PISCES™ AP30 Access/Containment or 3" FRP Pipe Entry Fitting	3 3/4"	4 1/2"	1.5	0.7	6/box
BFP-200	2" PISCES™ CP20 Double Wall Primary Pipe Entry Fitting	2 1/2"	4 1/2"	1.5	0.7	6/box
BFP-200F	2" FRP Pipe Entry Fitting	2 1/2"	3 1/2"	1.5	0.7	6/box
BFP-150	1 1/2" PISCES™ CP15 Double Wall Primary Pipe Entry Fitting	2"	3 1/2"	1.3	0.6	6/box

Bolted Flange Entry Fittings With Integral Test Boots

Integral Test Boots provided on these fittings isolate the interstitial space between the primary and secondary pipes for air testing. A test port is provided for use with the LTK-36 Secondary Line Test Kit, and an optional air test valve is available.

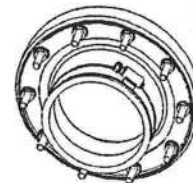
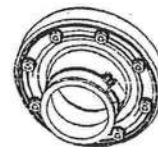
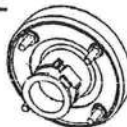


Ordering Specifications

Model No.	Bolted Flange Entry Fittings	Nominal Boot ID.	Hole Saw Required	Weight		Packaging
				lbs.	kg.	
BFP-420	4" PISCES™ AP40 Access/Containment or 4" FRP Pipe Entry Fitting with Test Boot for 2" PISCES™ or FRP Primary Pipe	2 1/2"	5 1/2"	1.5	0.7	6/box
BFP-420A	4" PISCES™ AP40 Access/Containment or 4" FRP Pipe Entry Fitting with Test Boot with Air Stem for 2" PISCES™ or FRP Primary Pipe	2 1/2"	5 1/2"	1.5	0.7	6/box
BFP-415	4" PISCES™ AP40 Access/Containment Pipe Entry Fitting with Test Boot for 1 1/2" PISCES™ Primary Pipe	2"	5 1/2"	1.5	0.7	6/box
BFP-415A	4" PISCES™ AP40 Access/Containment Pipe Entry Fitting with Test Boot with Air Stem for 1 1/2" PISCES™ Primary Pipe	2"	5 1/2"	1.5	0.7	6/box
BFP-315	3" PISCES™ AP30 Access/Containment Pipe Entry Fitting with Test Boot for 1 1/2" PISCES™ Primary Pipe	2"	4 1/2"	1.5	0.7	6/box
BFP-315A	3" PISCES™ AP30 Access/Containment Pipe Entry Fitting with Test Boot with Air Stem for 1 1/2" PISCES™ Primary Pipe	2"	4 1/2"	1.5	0.7	6/box

One-Piece Bolted Flex-Flange Entry Fittings

PISCES™ Bolted Flex-Flange Entry Fittings are installed in sump walls to seal the entry of fuel pipes, conduits, and vapor pipes. Bolted flange fittings require an entry hole to be cut and a bolt pattern to be drilled in the sump wall for installation.



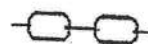
Ordering Specifications

Model No.	Bolted Flex-Flange Entry Fittings	Nominal Boot ID.	Hole Saw Required	Weight		Packaging
				lbs.	kg.	
BF-300	3" PISCES™ Access/Containment or 3" FRP Pipe Entry Fitting	3 3/4"	HS-500 (5")	1.8	0.8	6/box
BF-200	2" PISCES™ Double Wall Primary Pipe Entry Fitting	2 1/2"	HS-375 (3 3/4")	1.8	0.8	6/box
BF-200F	2" FRP Pipe Entry Fitting	2 1/2"	HS-375 (3 3/4")	1.3	0.6	6/box
BF-150	1 1/2" PISCES™ Double Wall Primary Pipe Entry Fitting	2"	HS-375 (3 3/4")	1.5	0.7	6/box
BF-100	1" Rigid Conduit Entry Fitting	1 1/4"	HS-275 (2 1/4")	1.0	0.5	6/box
BF-075	3/4" Rigid Conduit Entry Fitting	1 1/8"	HS-275 (2 1/4")	1.0	0.5	6/box

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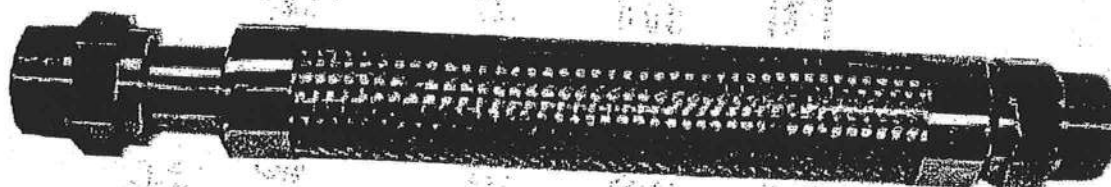
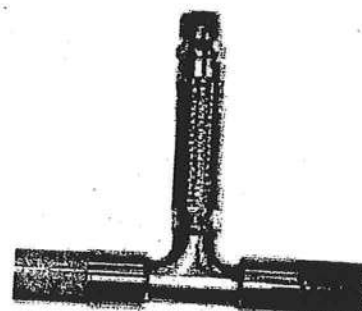
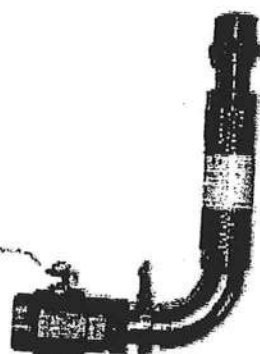
FLEX-INGTM



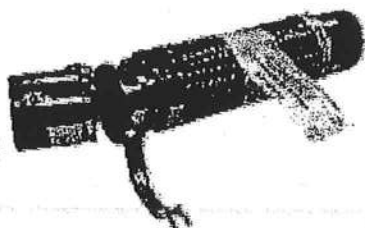
Facilitates
Compliance of
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Flexible Ideas For Flexible Products
For The
Petroleum, Hydraulic and Cryogenic Industries

FLEX-CONNECTOR SYSTEMS



1 1/2" x 18"

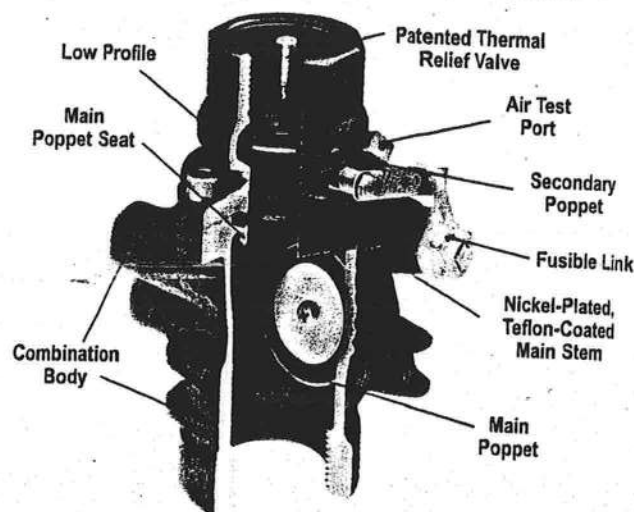


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OPW 10 SERIES EMERGENCY SHUT-OFF VALVES

OPW 10 Series Emergency Shut-off Valves are installed on fuel supply lines beneath dispensers at grade level to minimize hazards associated with collision or fire at the dispenser. If the dispenser is pulled over or dislodged by collision, the top of the valve breaks off at the integral shear groove, activating poppets and shutting off the flow of fuel. Single-poppet models shut off supply flow, while double-poppet models shut off supply as well as prevent release of fuel from the dispenser's internal piping. The base of the Emergency Valve is securely anchored to the concrete dispenser island through a stabilizer bar system within the dispenser sump or pan to ensure proper shearing action. The valve base is secured to the stabilizer bar using a three-point boss mount system or with a U-Bolt Kit. Valve inlet (bottom) connections are female pipe threads and outlet (top) connections are available with female threads, male threads, or a union fitting. Other options include suction system models with a normally closed secondary poppet which maintains prime, and models with external threads on the inlet body which connect to secondary containment systems.



Features

- ◆ **High Flow Capacity** – The primary poppet is held out of the flow stream while the secondary poppet is held normally open to minimize head loss across the valve and to protect the poppet seals from damage and erosion. True 1½" and 2" body sizes ensure maximum flow.
- ◆ **Fire Protection** – A fusible link trips the valve closed at 165° F to shut off fuel supply to the dispenser.
- ◆ **Main Poppet Seat Integral to the Top Assembly** – Having the main poppet seat as an integral part of the valve top assures a new, clean seating surface is installed each time the top is replaced. This design also ensures that the integrity of the seal between the valve top and bottom is verified during line testing and allows full inspection of the main poppet when the top is removed.
- ◆ **Reliable Shut-off** – A Stainless Steel Main Spring, a Teflon-Coated Brass Packing Nut, and a Copper-Nickel-Chrome Plated Brass Stem are designed to prevent tar build-up and corrosion from interfering with poppet operation after long periods of normal service without activation.
- ◆ **Integral Test Port** – A ⅜" Test Port allows the piping system to be air tested without breaking any piping connections.
- ◆ **Patented Thermal Relief Valve** – Relieves excessive pressure build-up caused by thermal expansion of fuel in the dispenser piping system in the event of fire (double-poppet models only).
- ◆ **Low-Profile Tops** – Female and Union-top double-poppet valves have a low-profile top to allow upgrading from OPW single-poppet valves without changing existing piping.
- ◆ **Multiple Mounting Options** – Valves are boss-mounted to stabilizer bars in sumps and pans or mounted to bars embedded in the island with U-Bolt kits. Versatile Combination Body (boss mount/U-Bolt mount) models are available to accommodate most mounting applications with one valve style.
- ◆ **Underwriters Laboratories** – Listed for use with gasoline and 85% and 100% methanol. All OPW 10 Emergency Shut-Off Valves meet requirements of UL STANDARD 842.
- ◆ **Duragard®-Coat Finish** – Provides superior corrosion resistance.

NOTICE:

As per NFPA 30A, electrical supply to the submersible pump must always be disconnected before servicing meters, dispensers or emergency shut-off valves.

Materials

- Top: cast iron*
- Body: cast iron*
- Disc: M-19
- Carrier: zinc plated steel
- Stem: copper-nickel-chrome plated brass
- Poppet spring: stainless steel
- Seal: M-19 O-ring
- Packing nut: brass, Teflon® coated
- Inlet and outlet thread: 1½" NPT (British threads available)
- *With black Duragard® coating

IMPORTANT NOTICE:

When mounting the OPW 10 Series Emergency Shut-off Valves, the anchoring system employed must withstand a force greater than 650 ft. pounds per valve. NFPA Code 30A, Automotive and Marine Service Station Code, requires that the automatic closing feature of emergency shut-off valves be checked at least once per year by manually tripping the hold-open linkage. OPW recommends the use of PISCES™ Stabilizer Bar Support System for proper mounting of 10 Series Valves.

OPW 10S Stabilizer Bar Assembly

The OPW 10S Stabilizer Bar Assembly is used in installations where no valve mounting system exists. When properly imbedded into the island concrete, 10S holds the OPW 10 Series valves rigidly in place to assure proper shearing action. The 10S assembly includes all necessary installation hardware.

OPW 10RW Wrench

The OPW 10RW Wrench is used to install and remove 1½" OPW 10 Series Emergency Shut-off Valves and is designed to prevent stress to the shear section of the valve during installation.

This wrench is made of ductile iron and has a 1½" diameter boss for use with a pipe