

**REQUEST TO ESTABLISH DOCKET**

(Please Type)

<b>Date:</b>	7/11/2005	<b>Docket No.:</b>	05 0474-SU
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<b>1. Division Name/Staff Name:</b>	Economic Regulation/Hudson <i>SH</i>
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<b>2. OPR:</b>	ECR
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<b>3. OCR:</b>	GCL
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<b>4. Suggested Docket Title:</b>	Request for approval of a new class of bulk wastewater rates in Monroe County by K.W. Resort Utilities, Corp.
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**5. Suggested Docket Mailing List (attach separate sheet if necessary)**

A. Provide NAMES OR ACRONYMS ONLY if a regulated company.

B. Provide COMPLETE NAME AND ADDRESS for all others. (Match representatives to companies.)

1. Parties and their representatives (if any):

KW Resort Utilities	
P.O. Box 2125	
Key West, FL 33045	

2. Interested persons and their representatives (if any):


**6. Check one:**

Documentation is attached.

Documentation will be provided with recommendation.

DOCUMENT NUMBER-DATE

06496 JUL 11 05

KW RESORT UTILITIES

P.O. Box 2125  
Key West, Florida 33045  
Telephone (305) 294-9578  
Facsimile (305) 294-1212

June 28, 2005

Mr. Troy Rendell  
Public Service Commission  
Capital Circle Office Center  
2540 Shumard Oak Blvd  
Tallahassee, FL 32399-0850

Dear Troy:

Re: Tariff Sheet - South Stock Island Marinas (Peninsular Marina)

Enclosed is the corrected tariff sheet, with the effective date being the date of connection, as you requested. Also enclosed is a copy of the DEP Application and the KWRU Inspection Report.

Please advise if you need anything further for us to be in compliance.

Yours sincerely,  
KW RESORT UTILITIES CORP



Doug Carter  
General Manager

RECEIVED  
FLORIDA PUBLIC SERVICE  
COMMISSION  
05 JUN 31 AM 10:34  
DIVISION OF  
ECONOMIC REGULATION

Encs

**ORIGINAL SHEET #16.0**

**2005 INDEX**

**NAME OF COMPANY: KW RESORT UTILITIES CORPORATION  
SEWER TARIFF**

**BULK WASTEWATER RATE FOR SOUTH STOCK ISLAND MARINAS**

**AVAILABILITY** - For South Stock Island Marinas

**APPLICABILITY** - Peninsular Marina

**LIMITATIONS** - Subject to all Rules and Regulations of this Tariff and General Rules and Regulations of The Commission as amended from time to time.

**BILLING PERIOD**-Monthly.

<b><u>RATE</u></b> -	13 Residential living units at 1 ERC each (2 houses; 1 mobile home and 10 houseboats)	\$ 493.09
	16 Live aboard boats at .6 ERC each	364.13
	26 Live aboard boats at .2 ERC each	197.34
	1 Bathhouse at 1 ERC	37.93
	3 Commercial businesses at .5 ERC each	<u>56.90</u>
	<b><u>Total Bulk Rate</u></b>	<b><u>\$1149.39</u></b>

**TERMS OF  
PAYMENT** -

Bills are due and payable when rendered and become delinquent if not paid within twenty (20) days. After five (5) working days, written notice, separate and apart from any other bill, service may then be disconnected.

**EFFECTIVE DATE: JUNE 2, 2005**

**ORDER NO.:**

**TYPE OF FILING: 2005 INDEX**

**FOR SERVICE RENDERED ON OR AFTER JUNE 30, 2005**

**William L. Smith**  
Issuing Officer

**President**  
Title



# Florida Department of Environmental Protection

Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

## REQUEST FOR APPROVAL TO PLACE A DOMESTIC WASTEWATER COLLECTION/TRANSMISSION SYSTEM INTO OPERATION

### PART I - INSTRUCTIONS

- (1) This form shall be completed and submitted to the appropriate DEP district office or delegated local program for all collection/transmission system projects required to obtain a construction permit in accordance with Chapter 62-604, F.A.C.
- (2) Newly constructed or modified collection/transmission facilities shall not be placed into service until the Department has cleared the project for use.
- (3) All information shall be typed or printed in ink, and all blanks must be filled.

### PART II - PROJECT DOCUMENTATION

#### (1) Collection/Transmission System Permittee

Name Robert D. Ming Title Vice President  
 Company Name Peninsular Marine Enterprises  
 Address 6000 Peninsula Avenue  
 City Key West State FL Zip 33040  
 Telephone (305) 296-8110 Fax \_\_\_\_\_ Email \_\_\_\_\_

#### (2) General Project Information

Project Name Sewer Connection to KW Resort Utilities Corp for Peninsular Marine Enterprises  
 Construction Permit No. 63485-029-DWC/CG Dated March 24, 2005

Is the entire project included under the collection/transmission system permit substantially complete?  Yes  No (If approval is being requested to place a portion of the project into operation, attach a copy of the site plan or sketch that was submitted with the application showing the portion of the project which is substantially complete and for which approval is being requested.)

Description of Portion of Project for Which Approval is Being Requested (including pipe length, total number of manholes and total number of pump stations) 300'+/- Force Main, 2 Grinder Pumps

Expected Date of Connection to Existing System or Treatment Plant June 2005

#### (3) Treatment Plant Serving Collection/Transmission System

Name of Treatment Plant Serving Project Key West Resort Utilities, Corp. (FLA014951)  
 County Monroe City Stock Island  
 DEP permit number FL 014951 Expiration Date 11/27/06

*For Department Use Only*

Date \_\_\_\_\_  
 By \_\_\_\_\_

CLEARED FOR USE

DEP Form 62-604.300(8)(b)  
Effective November 6, 2003

PART III - CERTIFICATIONS

(1) Collection/Transmission System Permittee

I, the undersigned owner or authorized representative\* of Peninsular Marine Enterprises certify that the engineer has provided us a copy of the record drawings for this project and if there is not already an existing applicable operation and maintenance (O&M) manual, one has been prepared for the new or modified facilities.

Also, I certify that, if we will not be the owner of this project after it is placed into service, we have provided a copy of the above mentioned record drawings and a copy of the above mentioned O&M manual, if applicable, to the person or system that will be the owner of this project after it is placed into service.

Signed [Signature] Date 6-22-05  
 Name Robert D. Ming Title Vice President

\* Attach a letter of authorization.

(2) Owner of Collection/Transmission System After it is Placed into Service

I, the undersigned owner or authorized representative\* of Peninsular Marine Enterprises certify that we accept the project as constructed and will be the owner of this project after it is placed into service. I agree to report any abnormal events in accordance with Rule 62-604.550, F.A.C. and promptly notify the Department if we sell or legally transfer ownership of the collection/transmission system. Also I certify that we agree to operate and maintain the facilities in accordance with the provisions of Chapter 403 Florida Statutes (F.S.) and applicable Department rules and that we have received a copy of the record drawings and O&M manual for this project and that these record drawings and O&M manual are available at the following location which is within the boundaries of the district office or delegated local program permitting the collection/transmission system:

16000 Peninsula Avenue, Key West, FL

Signed [Signature] Date 6-22-05  
 Name Robert D. Ming Title Vice President  
 Company Name Peninsular Marine Enterprises  
 Address 6000 Peninsular Avenue  
 City Key West State FL Zip 33040  
 Telephone (305) 296-8110 Fax \_\_\_\_\_ Email \_\_\_\_\_

\* Attach a letter of authorization.

(3) Wastewater Facility Serving Collection/Transmission System

I, the undersigned owner or authorized representative\* of the Key West Resort Utilities, Corp. (FLA014951) Wastewater facility hereby certify that the above referenced facility has adequate reserve capacity to accept the flow from this project and will provide the necessary treatment and disposal as required by Chapter 403, F.S., and applicable Department rules. Also, I certify that any connections associated with this project to the above referenced facility, which we operate and maintain, have been completed to our satisfaction and we have received a copy of the record drawings for this project.

Signed [Signature] Date 6-22-05  
 Name Doug Carter Title General Manager  
 Address 6630 Front Street  
 City Key West State FL Zip 33040  
 Telephone (305) 294-5232 Fax \_\_\_\_\_ Email doug@keywestgolf.com

\* Attach a letter of authorization.

(4) Professional Engineer Registered in Florida

I, the undersigned professional engineer registered in Florida, certify the following:

- that this project has been constructed in accordance with the construction permit and engineering plans and specifications or that, to the best of my knowledge and belief, any deviations from the construction permit and engineering plans and specifications will not prevent this project from functioning in compliance with Chapter 62-604, F.A.C.;
- that the record drawings for this project are adequate and include substantial deviations\*\* from the construction permit and engineering plans and specifications;
- that a copy of the record drawings has been provided to the permittee and to the wastewater treatment facility serving the collection/transmission system;
- that the O&M manual for this project has been prepared or examined by me, or by an individual(s) under my direct supervision, and that there is reasonable assurance, in my professional judgment, that the facilities, when properly maintained and operated in accordance with this manual, will function as intended; and
- that, to the best of my knowledge and belief, appropriate leakage tests have been performed and the new or modified facilities meet the specified requirements.

This certification is based upon on-site observation of construction conducted by me or by a project representative under my direct supervision and upon a review of shop drawings, test results/records, and record drawings performed by me or by a project representative under my direct supervision.

The following is a description and explanation of substantial deviations\*\* from the construction permit and engineering plans and specifications for the substantially completed portion of this project. (Attach additional sheets if necessary.)

The length of force main required was 300' instead of 260'.

Polyethylene pipe was substituted for the underground pipe.

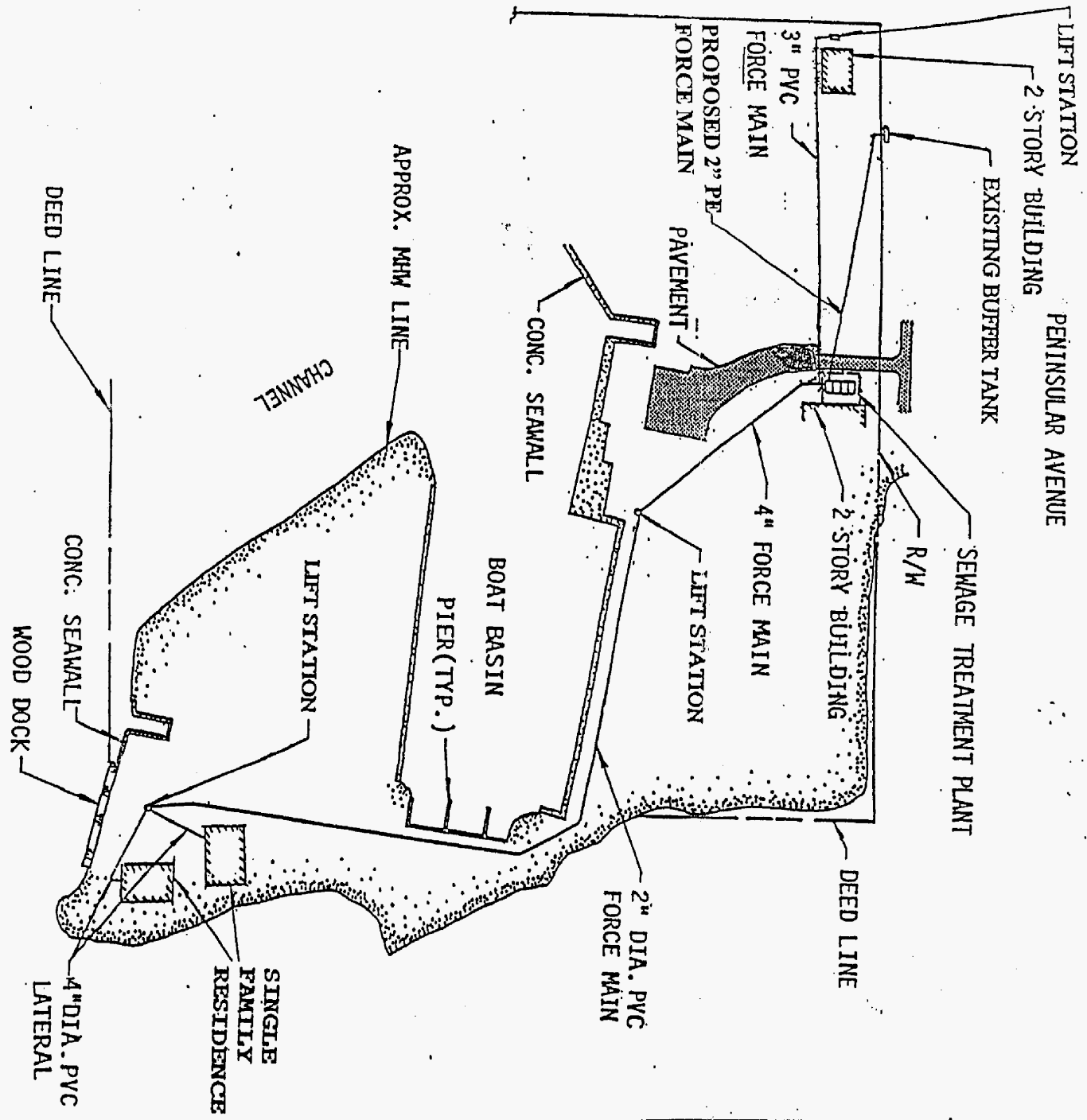
The valve at the right of way was eliminated.

Signed 

Date 6/20/05

Name Sean Kirwan Florida Registration No. 57506  
Company Name Glen Boe & Associates, Inc.  
Address 5800 Overseas Highway, Suite 4  
City Marathon State FL Zip 33050  
Telephone (305) 743-9121 Fax (305) 743-9197 Email glenboe@bellsouth.net

\*\* Substantial deviations are construction deviations greater than 10% from plans and specifications and any deviations which fall below minimum standards established in Rule 62-604, F.A.C.



SITE PLAN  
 SCALE: 1" = 160'



REVISIONS:	
1	06/20/05

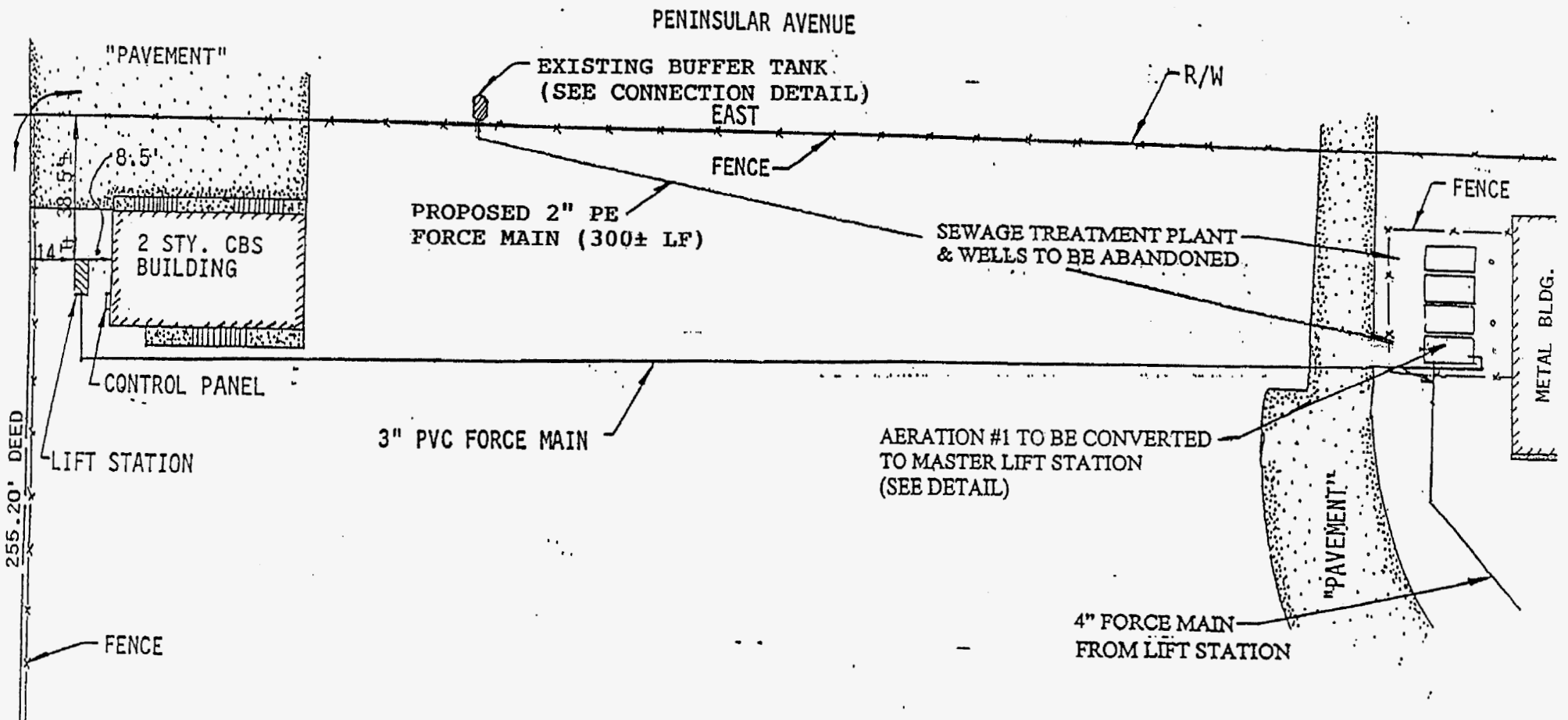
*[Handwritten Signature]*  
 6/20/05

CERTIFIED BY:

SEWER CONNECTION TO KW RESORT UTILITIES CORP  
 FOR PENINSULAR MARINE ENTERPRISES  
 STOCK ISLAND, MONROE COUNTY, FL

GLEN BOE AND ASSOCIATES, INC. # 4061  
 5800 OVERSEAS HIGHWAY, SUITE 4, MARATHON, FL 33050  
 Telephone (305) 743-9121 Fax (305) 743-9197

DATE: 03/05/05



**PARTIAL SITE PLAN**  
 SCALE: 1" = 40'



SHEET 2 OF 5

2

DATE: 03/08/05  
 GLEN BOE AND ASSOCIATES, INC. # 4061  
 5800 OVERSEAS HIGHWAY, SUITE 4, MARATHON, FL 33050  
 Telephone (305) 743-9121 Fax (305) 743-9197

SEWER CONNECTION TO KW RESORT UTILITIES CORP  
 FOR PENINSULAR MARINE ENTERPRISES  
 STOCK ISLAND, MONROE COUNTY, FL

CERTIFIED BY: *B. R. Cooper*

REVISIONS:	
1	06/20/05



GENERAL NOTES:

1. THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION & MONROE COUNTY REGULATIONS SHALL GOVERN ALL UTILITY WORK. WHERE A CONFLICT EXISTS IN THE REQUIREMENTS OF A REFERENCED MATERIAL OR INSTALLATION STANDARD, THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SHALL HAVE PRECEDENCE. WHERE THE REQUIREMENTS OF A STATE OR LOCAL AGENCY HAVING JURISDICTION ARE MORE STRINGENT, THOSE REQUIREMENTS SHALL PREVAIL.
2. UTILITY LOCATIONS ARE APPROXIMATE AND BASED ON AVAILABLE INFORMATION. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING & MARKING LIMITS OF CONSTRUCTION USING THE SERVICE OF A LOCATING COMPANY & CONTACTING THE UTILITY COMPANIES AS NECESSARY PRIOR TO THE START OF CONSTRUCTION.
3. CONTRACTOR SHALL PROVIDE ACCURATE ASBUILT OF PROJECT.
4. SOIL COMPACTION SHALL BE BASED UPON THE MODIFIED PROCTOR (AASHTO T-180). GENERALLY, 95% OF MAXIMUM PROCTOR OUTSIDE PAVED AREA AND 98% OF MAXIMUM PROCTOR WITHIN PAVED AREA SHALL BE OBTAINED.
5. ALL PIPE SHALL BE BACK FILLED TO MINIMUM SPECIFICATION COVER AND DEPTH BEFORE IT SHALL BE PLACED INTO SERVICE BY THE OWNER. 30" MINIMUM COVER SHALL BE REQUIRED OVER FORCE MAIN.
6. ALL POTABLE WATER REQUIRED FOR CONSTRUCTION PURPOSES SHALL BE METERED BY APPROVED METER WITH APPROVED BACKFLOW-PREVENTION DEVICES AND PAID FOR BY THE CONTRACTOR.
7. SEWER/FORCE MAINS MUST BE IN SEPARATE TRENCHES FROM POTABLE WATER AND RECLAIMED WATER MAINS WITH A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET CLEAR (EDGE TO EDGE) TO POTABLE WATER MAINS. AT CROSSINGS A VERTICAL SEPARATION OF NOT LESS THAN 1.5 FEET (18 INCHES) FROM THE CROWN OF THE SEWER OR FORCE MAIN TO THE INVERT OF THE WATER MAIN. IF LESS, OR IF THE WATER MAIN PASSES UNDER THE SEWER OR FORCE MAIN, THE SEWER OR FORCE MAIN SHALL BE ENCASED IN CONCRETE OR PLACED IN A STEEL SLEEVE FOR 20 FEET CENTERED ON THE CROSSING.
8. FORCE MAINS SHALL BE TESTED IN ACCORDANCE WITH AWWA C600 (LATEST EDITION) WITH A TEST PRESSURE OF 100 PSI. MAXIMUM LEAKAGE SHALL NOT EXCEED  $L=(SxD)/13,320$  WHERE L=LEAKAGE IN GALLONS PER HOUR, S=LENGTH OF TEST SEGMENT IN FEET, D=PIPE DIAMETER IN INCHES. TEST DURATION SHALL BE ONE (1) HOUR. NO INTERCONNECTIONS BETWEEN THE POTABLE WATER SYSTEM & THE FORCE MAIN SYSTEMS SHALL BE ALLOWED WITHOUT EXPRESS WRITTEN APPROVAL OF FLORIDA KEYS AQUEDUCT AUTHORITY. FORCE MAINS SHALL PASS LEAKAGE TEST PRIOR TO THE SYSTEM BEING PLACED INTO SERVICE.
9. CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS PRIOR TO COMMENCING WORK.
10. THE CONTRACTOR SHALL CONTACT ALL CONCERNED UTILITIES, INCLUDING KEY WEST RESORT UTILITY, AND THE ENGINEER AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION OPERATIONS. ALL WORK AND TESTING SHALL BE WITNESSED BY A REPRESENTATIVE OF KW RESORT UTILITY.
11. CONTRACTOR SHALL RESTORE ALL EXISTING STRUCTURES, INCLUDING BUT NOT LIMITED TO PAVEMENT, PLANTERS, AND CONCRETE TO PRECONSTRUCTION CONDITIONS.
12. THE CONTRACTOR SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE STATE, COUNTY, AND CITY AUTHORITIES REGARDING CLOSING OR RESTRICTING THE USE OF PUBLIC STREETS OR HIGHWAYS.
13. PIPE SHALL BE LAID TRUE TO LINE AND GRADE WITH BELL UPGRADE IN DRY TRENCH ON WELL COMPACTED BED.
14. FORCE MAIN - POLYVINYL CHLORIDE PIPE (PVC) SEWER PIPE AND FITTINGS SHALL MEET OR EXCEED ASTM D-1785 (LATEST EDITION). PIPE SHALL BE SCHEDULE 40 WITH SOLVENT WELD JOINTS. PROVIDE MAGNETIC "FORCE MAIN" IDENTIFICATION TAPE 6" BELOW GRADE OVER PROPOSED FORCE MAIN.
15. ALL GRASS AREAS IN RIGHT-OF-WAYS DISTURBED BY CONSTRUCTION SHALL BE SEED OR RECEIVE SOD.
16. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE COMMENCING WORK.
17. COORDINATE WORK WITH OWNER TO MINIMIZE DISRUPTION TO THE SANITARY SEWER SERVICE.
18. ALL NEW PIPING, INCLUDING FORCE MAINS MUST BE PIGGED OR OTHERWISE DEMONSTRATED TO BE FREE OF ROCK DEBRIS PRIOR TO FINAL CONNECTION OF BUFFER TANK.
19. ALL NEW AND EXISTING GRAVITY SEWER, INCLUDING LINES UNDER STRUCTURES, MUST BE DEMONSTRATED TO BE WATERTIGHT.

THE FOLLOWING NOTES REFERENCE "WASTEWATER SYSTEM EXPANSION - STOCK ISLAND" PROVIDED BY THE WEILER ENGINEERING CORPORATION:

1. CONTRACTOR TO VERIFY THE EXACT LOCATION, TYPE AND SIZE OF ALL EXISTING UTILITIES WHETHER THEY ARE IDENTIFIED ON THE DRAWING OR NOT.
2. EXISTING UTILITY LOCATIONS PROVIDED TO WEC ARE BASED ON INFORMATION SUPPLIED BY THE SURVEYOR AND FKAU UTILITY AS-BUILTS.
3. ALL REQUIRED TESTING (EXCEPT DENSITY TEST, LAB REPORTS ARE SUFFICIENT) INCLUDING BUT NOT LIMITED TO, ALL PRESSURE TESTS, LEAKAGE TESTS, AND PERFORMANCE TESTS NEED TO BE WITNESSED BY A UTILITY AND WEC REPRESENTATIVE.
4. THE CONTRACTOR SHALL INCLUDE THE COST OF EROSION CONTROL. EROSION AND SEDIMENT CONTROL BEST MANAGEMENT SHALL BE OBSERVED DURING CONSTRUCTION BY THE CONTRACTOR. THE METHODS WHICH SHOULD BE USED INCLUDE BUT ARE NOT LIMITED TO:
  - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SITUATION ENTERING THE STORM DRAINAGE SYSTEM BOTH ON-SITE AND OFF-SITE. THE CONTRACTOR SHALL UTILIZE SAN BAGS AND HAY BALES OR OTHER EROSION CONTROL METHODS TO CONTROL EROSION.

REVISIONS:

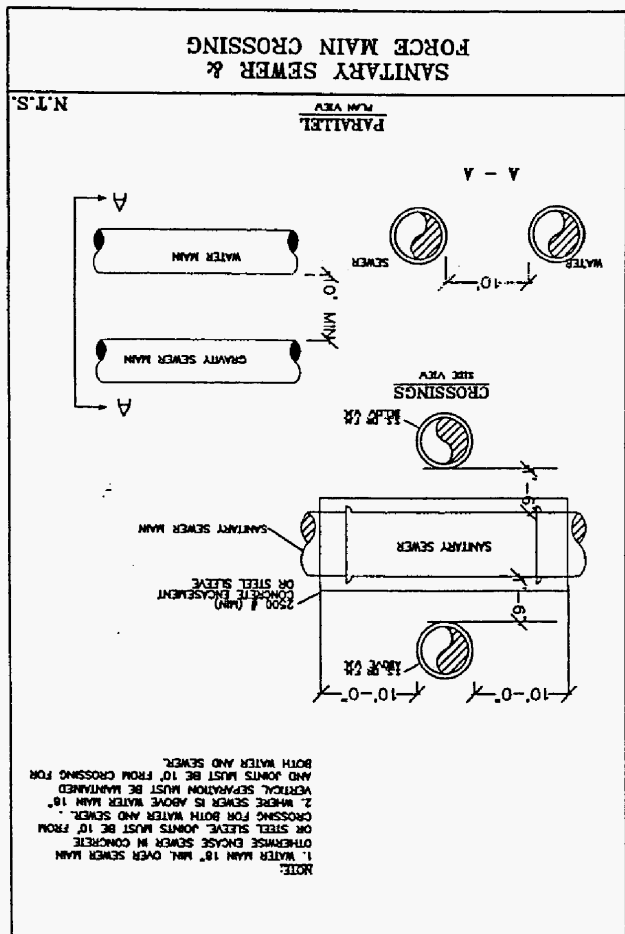
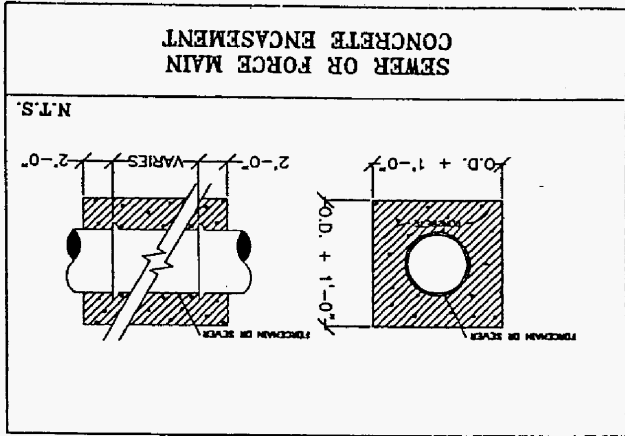
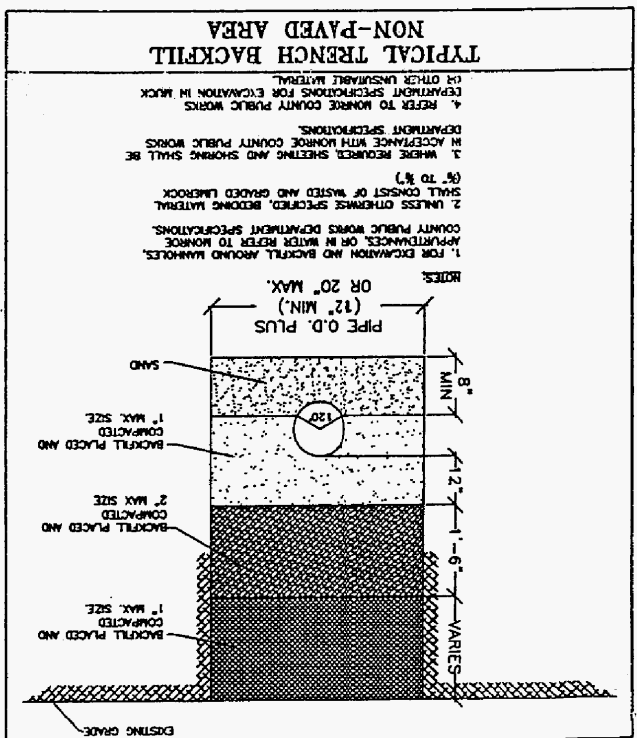
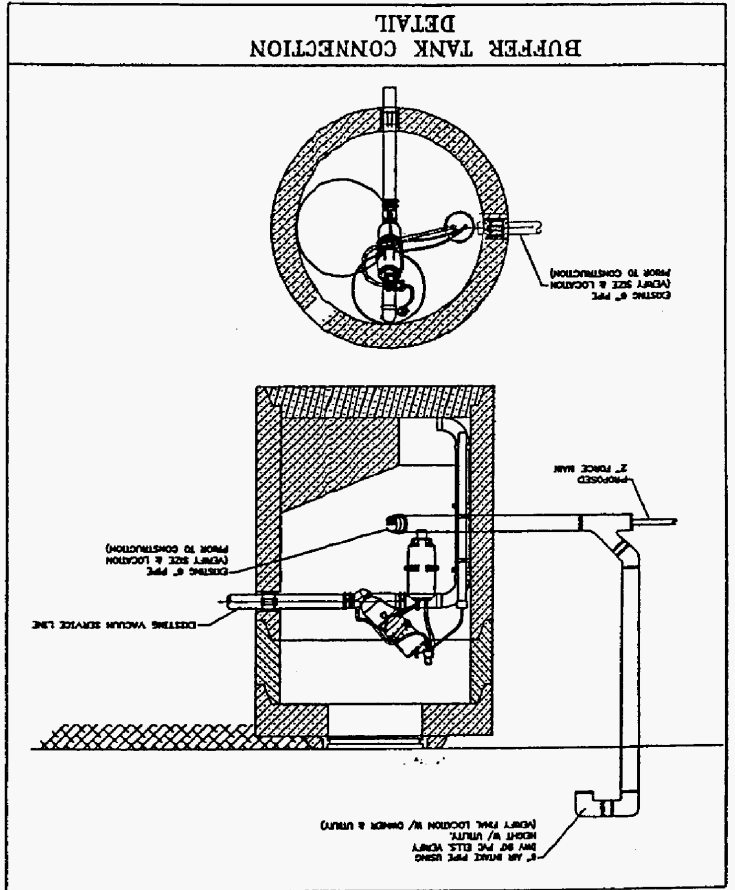
1 06/20/05

SEWER CONNECTION TO KW RESORT UTILITIES CORP  
FOR PENINSULAR MARINE ENTERPRISES  
STOCK ISLAND, MONROE COUNTY, FL

GLEN BOE AND ASSOCIATES, INC. # 4061  
5800 OVERSEAS HIGHWAY, SUITE 4, MARATHON, FL 33060  
Telephone (305) 743-9121 Fax (305) 743-9197

DATE: 03/09/05

CONSTRUCTION DETAILS  
SCALE: NONE



DATE: 03/08/05

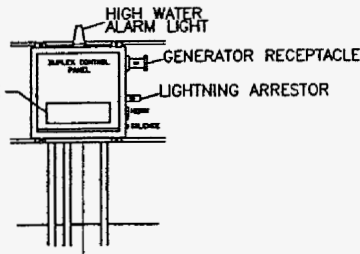
GLEN BOE AND ASSOCIATES, INC. # 4061  
5800 OVERSEAS HIGHWAY, SUITE 4, MARATHON, FL 33050  
Telephone (305) 743-9121 Fax (305) 743-9187

SEWER CONNECTION TO KW RESORT UTILITIES CORP  
FOR PENINSULAR MARINE ENTERPRISES  
STOCK ISLAND, MONROE COUNTY, FL

CERTIFIED BY: *[Signature]*

REVISIONS:	DATE
1	06/20/05

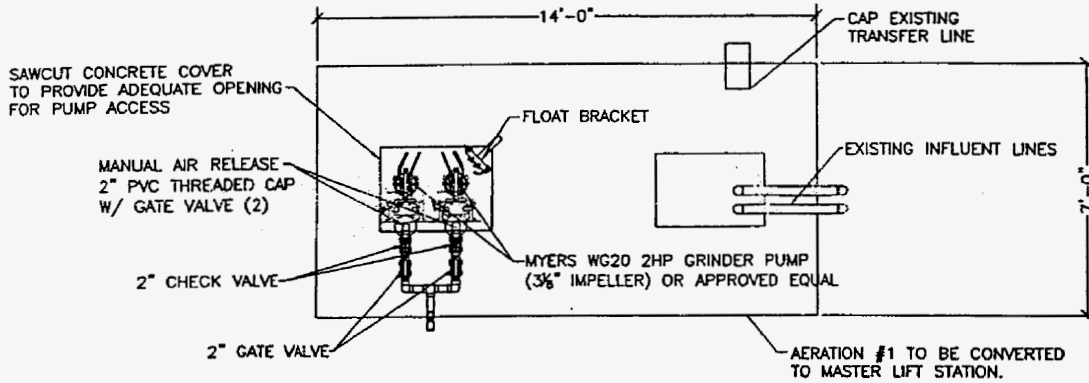
EMERGENCY INFORMATION PLAQUE  
ENGRAVED ON 2-PLY PLASTIC  
LAMINATE TO INCLUDE:  
CONTACT NAME AND PHONE  
NUMBER



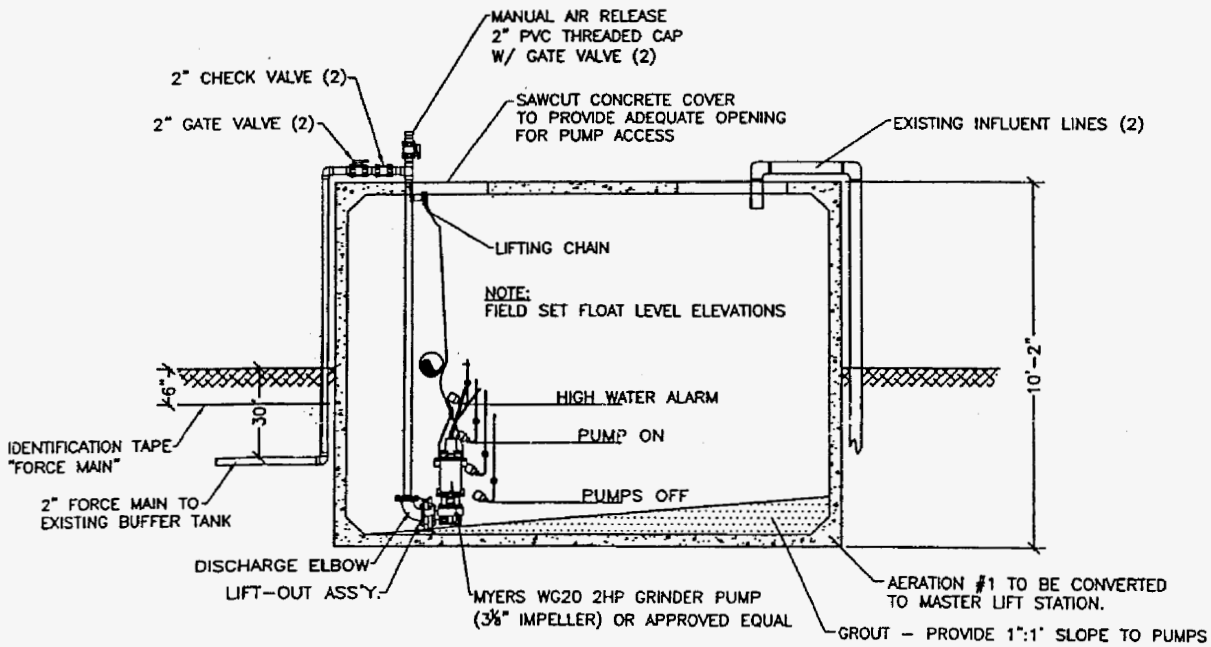
FIELD LOCATE CONTROL PANEL

**CONTROL PANEL**

SCALE: NONE



**PLAN**



NOTES:

1. CONTRACTOR SHALL DETERMINE EXACT LENGTH OF CABLES FROM CONTROL PANEL TO PUMPS & FLOATS IN FIELD PRIOR TO ORDERING EQUIPMENT.
2. DISCONNECT IS REQUIRED WITHIN SIGHT OR 50' MAX FROM PANEL LOCATION.
3. PROVIDE PHASE MONITOR FOR 3 PHASE POWER. PROVIDE VOLTAGE MONITOR FOR 1 PHASE POWER.
4. PROVIDE AUTOMATIC ALTERNATION OF PUMPS ON SUCCESSIVE PUMP CYCLE.
5. PROVIDE ELAPSED TIME METER FOR EACH PUMP.
6. PROVIDE LIGHTNING AND SURGE ARRESTOR.
7. COORDINATE ALL ELECTRICAL WORK PRIOR TO ORDERING EQUIPMENT.

**SECTION**

**LIFT STATION DETAILS**

SCALE: 3/16" = 1'-0"

REVISIONS:	06/20/05
1	

*[Handwritten signature]*  
6/20/05

SEWER CONNECTION TO KW RESORT UTILITIES CORP  
FOR PENINSULAR MARINE ENTERPRISES  
STOCK ISLAND, MONROE COUNTY, FL

GLEN BOE AND ASSOCIATES, INC. # 4061  
5800 OVERSEAS HIGHWAY, SUITE 4, MARATHON, FL 33060  
Telephone (305) 743-9121 Fax (305) 743-9187

DATE: 03/09/0

Keys Environmental Inc.  
6630 Front Street  
Key West, FL 33040  
Phone (305) 295-0309  
FAX (305) 295-0143

**FIELD INSPECTION OF GRAVITY SEWER CONNECTION**

Property Owner Name: BOB MENG / JACK MENG  
Address: 6000 PENTACULAR AVE.

Telephone Number 296-8110  
Billing Address (if different from above) \_\_\_\_\_

Contractor Name: DANNY THOMAS  
Contractor Contact Person: AQUA WASTE  
Contractor Phone Number: 772-519-1342  
Contractor Address: 2575 SWEED RD.  
P.O. BOX 34945

Contractor License Number: \_\_\_\_\_  
Date: 6-2-05  
Time: \_\_\_\_\_ AM / PM  
Inspector: D.W. / C.S.

System Type:  Gravity into gravity main system  Gravity into vacuum system  
 Other INTERNAL SYSTEM INTO VACUUM BUFFER TANK

Test:  Hydrostatic  Air  Other \_\_\_\_\_

Duration of test as witnessed: \_\_\_\_\_ min. hrs. days.  
If Hydrostatic estimated stack height: \_\_\_\_\_ feet

Materials: Pipe SCH 40 SDR 21  
Glue Grey  
Primer Purple  
Fittings SCH 40 dwv

System Assessment: 10' Head Test PASS FAIL  
System Assessment: Low Pressure Test PASS FAIL

Flush: PIG Jet Rodder Camera  
Valve Installed by: R.H. Valve SN 3074908  
Valve timing 6 sec Controller SN 09470  
On Line Date: 6-2-05 Breather SN \_\_\_\_\_  
Water Meter Size: Meter 1 Meter 2 Meter 3  
FKAA No. \_\_\_\_\_  
Number of units \_\_\_\_\_

Comments/Notes: ALL INSPECTION REPORTS ARE IN KEY  
FILE. BILLING INFO IS IN KWRM FILE.

DOH Permit # \_\_\_\_\_  
Building Dept Permit # ON FILE