State of Florida

Public Service Commission

-M-E-M-O-R-A-N-D-U-M-

AUG -5 PM 2:31
COMMISSION CLERK

DATE: August 5, 2004
TO: Division of the Commission Clerk and Administrative Services
FROM: Division of Economic Regulation (Brady) pb
RE: Docket No. 031042-WS, Application for transfer of Certificate Nos. 611-W and 527-S from Hunter Creek Utilities, LLC to Rivers Edge Utilities, LLC in Charlotte County

Please add to the docket file the attached letter dated August 2, 2004, from George C. MacFarlane, for the utility, to Patti Daniel, Commission staff, which transmits an original cost study in response to staff's final audit report filed February 24, 2004.

Attachment
cc: Division of Economic Regulation (Redemann, Kaproth)
Office of the General Counsel (Vining)
Division of the Commission Clerk and Administrative Services (2)

CMP _____
COM _____
CTR _____
ECR _____
GCL _____
OPC _____
MMS _____
RCA _____
SCR _____
SEC 1
OTH _____

DOCUMENT NUMBER-DATE
08547 AUG-5 8
FPSC-COMMISSION CLERK

Regulatory Consultants, Inc.

405 Interstate Boulevard; #A Sarasota, Florida 34240
Telephone (941) 371-8499 Fax (941) 379-2828
RegCon401@aol.com

August 2, 2004

Patti Daniel, Supervisor of Certification
Division of Commission Clerk and Administrative Services
Florida Public Service Commission
Capital Circle Office Center
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: River's Edge Utility, LLC (Hunters Creek) Original Cost Study

Dear Ms. Daniel:

Please find enclosed the Original Cost Study for the Application for Transfer of Water Certificate 611-W and Wastewater Certificate 527-S for River's Edge Utility, LLC. I apologize for the delay in responding to you and if you have any questions, please don't hesitate to call me.

Thank you for your consideration.

Sincerely,

George C. MacFarlane

GCM/ssm
encl.

RECEIVED
FLORIDA PUBLIC SERVICE
COMMISSION
04 AUG -4 AM 10: 15
DIVISION OF
ECONOMIC REGULATION

04 AUG -4 AM 9: 35
DISTRIBUTION CENTER

RIVERS EDGE UTILITIES, LLC

Original Cost Study for the

Application for Transfer

of

Water Certificate 611 -W
and
Wastewater Certificate 527 - S

August 2004

REGULATORY CONSULTANTS, INC.
405 Interstate Blvd., Suite A
Sarasota, Florida 34240
(941) 371-8499

RIVERS EDGE UTILITIES, LLC

Original Cost Study for the

Application for Transfer

of

Water Certificate 611 -W
and
Wastewater Certificate 527 - S

August 2004

REGULATORY CONSULTANTS, INC.
405 Interstate Blvd., Suite A
Sarasota, Florida 34240
(941) 371-8499

RIVERS EDGE UTILITIES, LLC
HUNTER CREEK UTILITIES, LLC (RIVERS EDGE UTILITIES, LLC)
DETERMINATION OF RATE BASE

LINE NO.	(A)	(B) WATER	(C) WASTE WATER	(D) TOTAL
1	ORIGINAL COST OF UTILITY PLANT-IN-SERVICE (UPIS) AT 11/30/02			
2	WATER	379,171		379,171
3	WASTEWATER		188,366	188,366
4	TOTAL	379,171	188,366	567,537
5				
6	ACCUMULATED DEPRECIATION OF UPIS AT 11/30/02			
7	WATER	(116,545)		(116,545)
8	WASTEWATER		(96,146)	(96,146)
9	TOTAL	(116,545)	(96,146)	(212,691)
10				
11	CONTRIBUTIONS IN AID OF CONSTRUCTION (CIAC) AT 11/30/02			
12	WATER	(85,227)		(85,227)
13	WASTEWATER		(96,166)	(96,166)
14	TOTAL	(85,227)	(96,166)	(181,393)
15				
16	ACCUMULATED AMORTIZATION OF CIAC AT 11/30/02			
17	WATER	27,350		27,350
18	WASTEWATER		49,084	49,084
19	TOTAL	27,350	49,084	76,434
20				
21	NET UPIS LESS NET CIAC AT 11/30/02	204,749	45,138	249,887
22				

RIVERS EDGE UTILITIES, LLC
HUNTER CREEK UTILITIES, LLC (RIVERS EDGE UTILITIES, LLC)
WATER UTILITY PLANT-IN-SERVICE SCHEDULE
AND CONTRIBUTIONS IN AID OF CONSTRUCTION

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
LINE NO.	NARUC A/C #	DESCRIPTION	SERVICE YEAR	ORIGINAL COST	LIFE	LIFE AS A %	ANNUAL DEPREC. EXPENSE 12/31/02	ACCUM. DEPREC. AT 12/31/02	ELEVEN MONTHS DEPREC. EXPENSE	ACCUM. DEPREC. AT 11/30/02	ORIGINAL COST CIAC	ACCUM. AMORT. AT 11/30/02
1	353	LAND (STATE EASEMENT)	1990	12,698	N/A							
2	304	STRUCTURES & IMPROV. (BUILDING)	1982	105,120	40	2.50%	2,628	53,874	2,409	53,655		
3	304	STRUCTURES & IMPROV.(ELECTRICAL)	1982	26,600	40	2.50%	665	13,633	610	13,578		
4	307	WELLS	1982	13,070	40	2.50%	327	6,699	300	6,672		
5	309	SUPPLY MAINS - PIPING	1982	10,025	40	2.50%	251	5,138	230	5,117		
6	309	SUPPLY MAINS - FLOW METERS	1982	1,550	40	2.50%	39	795	36	792		
7	311	HIGH SERVICE PUMPING EQUIPMENT	1982	4,000	40	2.50%	100	2,050	92	2,042		
8	320	WATER TREATMENT EQUIPMENT	1982	110,780	40	2.50%	2,770	56,775	2,539	56,544		
9	320	WATER TRMT EQUIP. (Retired 2000-75%	1982	(64,487)	40	2.50%	0	(64,487)	0	(64,487)		
10	320	WATER TREATMENT EQUIPMENT	2000	85,983	40	2.50%	2,150	5,374	1,971	5,195	(35,895)	2,169
11	330	DISTRIBUTION RESERVOIRS	1982	23,500	40	2.50%	588	12,044	539	11,995		
12	331	TRANSMISSION & DISTRIBUTION LINES	1982	35,107	40	2.50%	878	17,993	805	17,920	(35,107)*	17,920
13	333	SERVICES	1982	11,425	40	2.50%	286	5,856	262	5,832	(11,425)*	5,832
14	335	HYDRANTS	1982	2,800	40	2.50%	70	1,435	64	1,429	(2,800)*	1,429
15	339	MISC. EQUIPMENT (2-30gpm Port. Pumps	1992	1,000	40	2.50%	25	263	23	261		
16				379,171			10,777	117,442	9,880	116,545	(85,227)	27,350
17		RECAP										
18		LAND		12,698			0	0	0	0	0	0
19		STRUCTURES & IMPROVMENTS		131,720			3,293	67,507	3,019	67,233	0	0
20		WELLS		13,070			327	6,699	300	6,672	0	0
21		SUPPLY MAINS		11,575			290	5,933	266	5,909	0	0
22		HIGH SERVICE PUMPING EQUIPMENT		4,000			100	2,050	92	2,042	0	0
23		WATER TREATMENT EQUIPMENT		132,276			4,920	(2,338)	4,510	(2,748)	(35,895)	2,169
24		DISTRIBUTION RESERVOIRS		23,500			588	12,044	539	11,995	0	0
25		TRANSMISSION & DISTRIBUTION LINES		35,107			878	17,993	805	17,920	(35,107)	17,920
26		SERVICES		11,425			286	5,856	262	5,832	(11,425)	5,832
27		HYDRANTS		2,800			70	1,435	64	1,429	(2,800)	1,429
28		OTHER PLANT & MISC. EQUIPMENT		1,000			25	263	23	261	0	0
29												

30 *NOTE: THE CIAC AMOUNT SHOWN ABOVE IS IMPUTED TO THE EXTENT OF THE WATER DISTRIBUTION SYSTEM

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Land (State Easement)

LAND LEASE PAYMENT DNR	$4600.00
SPECTRA ENGINEERING COSTS	8,098.00
TOTAL COSTS	$12,698.00

★ Domenic Petrizzo
1601 Hunter Creek Dr.
Punta Gorda, FL 33982

This Instrument Prepared By:
Karen Lee Garrison
Bureau of Submerged Lands and Preserves
3900 Commonwealth Boulevard
Mail Station No. 125
Tallahassee, Florida 32399

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND
OF THE STATE OF FLORIDA

SOVEREIGN SUBMERGED LANDS EASEMENT

Recording $ 28.50 Copies $ 6.00
Document Tax Pd $ 32.20
Record Verified: CAROLINE MORGANI, D.C.

bara T. Scott, Clerk of the Circuit Court - Charlotte County
e Number: 195382 OR BOOK 1244 PAGE 0353
orded: 10-30-92 10:26 A.M.

NO. 00351(4219-08)

THIS EASEMENT is hereby granted by the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida, hereinafter referred to as the Grantor.

WITNESSETH: That for the faithful and timely performance of and compliance with the terms and conditions stated herein, the Grantor does hereby grant to Rivers Edge, Inc., hereinafter referred to as the Grantee, a nonexclusive easement on, under and across the sovereign lands described as follows:

> A parcel of sovereign submerged land in Section 11 and 12, Township 40 South, Range 23 East, in Hunter's Creek, Charlotte County, as is more particularly described and shown on Attachment A, dated June 7, 1991.

TO HAVE THE USE OF the hereinabove described premises for a period of 20 years from August 11, 1992, the effective date of this easement. The terms and conditions of and for which this easement is granted are as follows:

1. The Grantee hereby agrees to pay to the Grantor, prior to commencement of activities authorized herein and within 30 days of receipt of the fully executed easement, the sum of $ 4,600.00.

2. The above described parcel of land shall be used solely for a reject water discharge pipe and Grantee shall not engage in any activity except as described in the Florida Department of Environmental Regulation Permit No. 081950195 dated June 7, 1991, attached hereto as Attachment B, and made a part hereof.

3. The rights hereby granted shall be subject to any and all prior rights of the United States and any and all prior grants by the Grantor in and to the submerged lands situated within the limits of this easement.

4. Grantee shall not damage the easement lands or unduly interfere with public or private rights therein.

5. This easement is nonexclusive, and the Grantor, or its duly authorized agent, shall retain the right to enter the property or to engage in management activities not inconsistent with the use herein provided for and shall retain the right to grant compatible uses of the property to third parties during the term of this easement.

6. Grantor, or its duly authorized agent, shall have the right at any time to inspect the works and operations of the Grantee in any matter pertaining to this easement.

[54]

7. The Grantee shall investigate all claims of every nature at its expense, and shall indemnify, defend and save and hold harmless the Grantor and the State of Florida from all claims, actions, lawsuits and demands arising out of this easement.

8. Grantee waives venue as to any litigation arising from matters relating to this easement and any such litigation between Grantor and Grantee shall be initiated and maintained only in Leon County, Florida.

9. This easement shall not be assigned or otherwise transferred without prior written consent of the Grantor or its duly authorized agent. Any assignment or other transfer without prior written consent of the Grantor shall be null and void and without legal effect.

10. The Grantee, by acceptance of this easement, binds itself,its successors and assigns, to abide by the provisions and conditions herein set forth, and said provisions and conditions shall be deemed covenants of the Grantee, its successors and assigns. In the event the Grantee fails or refuses to comply with the provisions and conditions herein set forth or in the event the Grantee violates any of the provisions and conditions herein, this easement may be terminated by the Grantor upon 30 days written notice to Grantee. If terminated, all of the above-described parcel of land shall revert to the Grantor. All costs, including attorneys' fees, incurred by the Grantor to enforce the provisions of this easement shall be paid by the Grantee. All notices required to be given to Grantee by this easement or applicable law or administrative rules shall be sufficient if sent by U.S. Mail to the following address:

Rivers Edge, Inc.
1601 Hunter Creek Drive
Punta Gorda, Florida 33982

The Grantee agrees to notify the Grantor by certified mail of any changes to this address at least ten (10) days before the change is effective.

11. The Grantee shall assume all responsibility for liabilities that accrue to the subject property or to the improvements thereon, including any and all drainage or special assessments or taxes of every kind and description which are now or may be hereafter lawfully assessed and levied against the subject property during the effective period of this easement which result from the grant of this easement or the activities of Grantee hereunder.

12. Renewal of this easement is at the sole option of the Grantor. Such renewal shall be subject to the terms, conditions and provisions of current management standards and applicable laws, rules and regulations in effect at that time. In the event that Grantee is in full compliance with the terms of this easement, the Grantee shall be allowed a 30-day grace period after expiration of this easement to apply in writing for a renewal. If the Grantee fails to apply for a renewal within the grace period, or in the event the Grantor does not grant a renewal, the Grantee shall vacate the premises and remove all structures and equipment occupying and erected thereon at its expense.

13. If the Grantee does not remove said structures and equipment occupying and erected upon the premises after expiration or cancellation of this easement, such structures and equipment will be deemed forfeited to the Grantor, and the Grantor may authorize removal and may sell such forfeited structures and equipment after ten (10) days written notice by certified mail addressed to the Grantee at the address specified in Item 10 or at such address on record as provided to the Grantor by the Grantee. However, such remedy shall be in addition to all other remedies available to Grantor under applicable laws, rules and regulations including the right to compel removal of all structures and the right to impose administrative fines.

14. No failure, or successive failures, on the part of the Grantor to enforce any provision, nor any waiver or successive waivers on its part of any provision herein, shall operate as a discharge thereof or render the same inoperative or impair the right of the Grantor to enforce the same upon any renewal thereof or in the event of subsequent breach or breaches.

OR BOOK 1244 PAGE 0354

15. The Grantee, at its own expense, shall record this easement and any subsequent approved renewal and/or modified easements in the official records of the county within which the easement site is located within ten (10) days after receipt of a fully executed copy of this easement, and shall provide the Grantor with a copy of the recorded easement indicating the book and page at which the easement is recorded.

16. This easement is the entire and only agreement between the parties. Its provisions are not severable. Any amendment or modification to this easement must be in writing and must be accepted, acknowledged and executed by the Grantee and Grantor.

17. The Grantee shall ensure that no additional structures and/or activities including repairs or renovations to structures authorized by this easement shall be erected or conducted over sovereignty submerged lands without prior written consent from the Grantor. Unless specifically authorized in writing by the Grantor, such activities or structures shall be considered unauthorized and a violation of Chapter 253, Florida Statutes, and shall subject the Grantee to administrative fines under Rule 18-14, Florida Administrative Code.

18. SPECIAL EASEMENT CONDITIONS:

a. The Grantee shall ensure that any sovereign lands temporarily disturbed by the pipe installation shall be replaced on top of the pipe immediately after installation.

b. The Grantee shall install and maintain, during the term of this easement and any subsequent renewal periods, appropriate signs on the adjacent upland property to warn passing boaters of the presence of the submerged water discharge outfall pipe.

c. The Grantee shall comply with the following construction conditions for the protection of the endangered manatee:

1. The Grantee shall instruct all personnel associated with the project of the potential presence of manatees and the need to avoid collisions with manatees.

2. The Grantee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act of 1972, the Endangered Species Act of 1973, and the Florida Manatee Sanctuary Act.

3. The Grantee shall ensure that siltation barriers are made of material in which manatees cannot become entangled, are properly secured, and are regularly monitored to avoid manatee entrapment. Barriers must not block manatee entry to or exit from essential habitat.

4. The Grantee shall ensure that all vessels associated with the construction project operate at "no wake/idle" speeds at all times while in water where the draft of the vessel provides less than a four foot clearance from the bottom and that vessels will follow routes of deep water whenever possible.

5. Construction activities in open water shall cease upon the sighting of a manatee(s) within 100 yards of the project area. Construction activities will not resume until the manatee(s) has departed the project area.

6. Any collision with and/or injury to a manatee shall be reported immediately to the "Florida Marine Patrol" (1-800-DIAL-FMP) and to the U.S. Fish and Wildlife Service, Jacksonville Office (904-791-2580) for North Florida and to the Vero Beach Field Office (407-562-3909) for South Florida.

7. Prior to commencement of construction each vessel involved in the construction shall display in a prominent location, visible to the operator an 8 1/2" X 11" temporary placard reading, "Manatee Habitat/Idle Speed in Construction Area". A second temporary 8 1/2" X 11" placard reading, "Warning Manatee Area" will be posted in a location prominently visible to water related construction crews.

BOOK 1244 PAGE 0355

Pearce Engineering and Surveying, Inc.
630 Woodbury Drive, Port Charlotte, Florida 33954 (813) 627-3366

321777

THIS SKETCH OF SURVEY PREPARED FOR THE EXCLUSIVE USE OF: RIVERS EDGE, INC.

TYPE OF SURVEY, (PER CHAPTER 21HH-6, F.A.C.): SPECIAL PURPOSE SURVEY

LEGEND

P.P.	= Power Pole	Δ	= Delta Angle
W.M.	= Water Meter	A	= Arc Length
FND	= Foundation	R	= Radius
PK & W	= PK Nail & Washer	N	= North
@	= at	E	= East
P.I.	= Point of Intersection	W	= West
		S	= South
P.C.	= Point of Curvature	Subd	= Subdivision
P.R.C.	= Point of Reverse Curvature	Sec	= Section
		N/A	= Not Applicable
P.T.	= Point of Tangency	N&R	= Nail & Ribbon
U.T.S.	= United Telephone Service	N&D	= Nail & Disc
		PCC	= Point of Compound Curvature
I.R.	= Iron Rod		
℄	= Centerline	A.T.O.S.	= At Time of Survey
El.	= Elevation	A/C	= Air Conditioner
PK & D	= PK and Disc	L.B.	= Licensed Business
C.M.	= Concrete Monument	CONC.	= Concrete
FIN FL	= Finish Floor	R/W	= Right-of-Way
D.H.	= Drill Hole	w/CAP	= With Cap
P.O.B.	= Point of Beginning	P.B.	= Plat Book
P.O.L.	= Point on Line	Pg.	= Page
INV	= Invert	C.O.R.	= Crown of Road
C.M.P.	= Corrugated Metal Pipe	D.U.E.	= Drainage & Utility Easement
P.O.C.	= Point of Commencement	F.H.	= Fire Hydrant
		B.M.	= Bench Mark

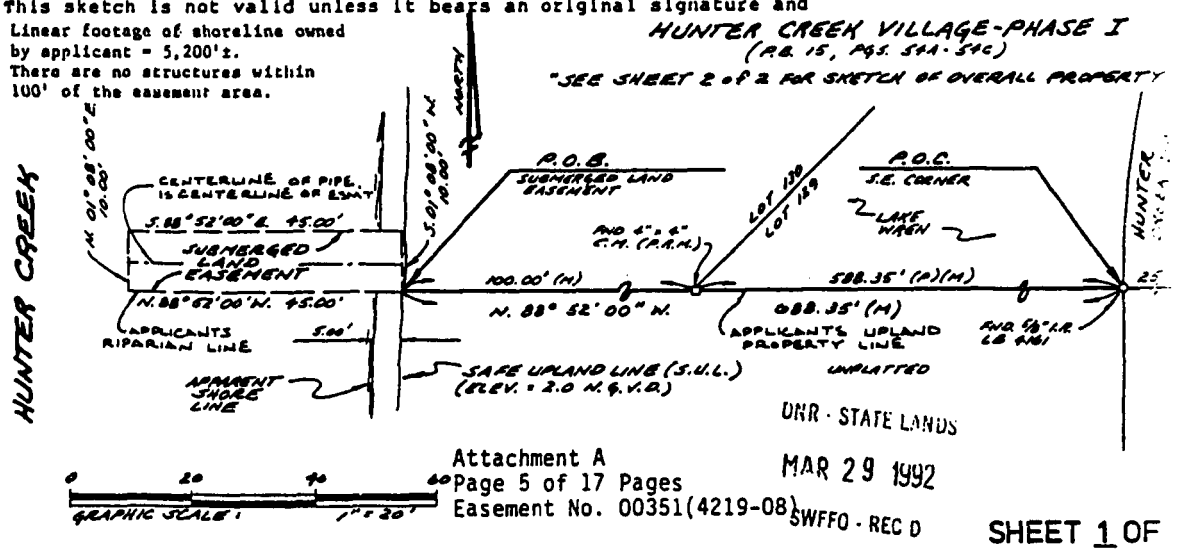
SURVEYOR'S DESCRIPTION: Submerged land easement

Being a part of Section 11, Township 40 South, Range 23 East, Charlotte County, Florida, and being a small strip of submerged land being more particularly described as follows:

Commencing at a 5/8" iron rod with cap No. LB4161 at the Southeast corner of Lake Wren according to the plat of HUNTER CREEK VILLAGE PHASE 1 as recorded in Plat Book 15 at Pages 54A thru 54C of the Public Records of Charlotte County, Florida, thence N.88°52'00"W., along the south line of said plat, 588.35 feet to a concrete monument (PRM) at the southeast corner of Lot 130 of said plat; thence continue N 88°52'00"W., along said south line 100.00 feet to a point marking the "safe upland line" (elevation 2.0 NGVD) and the POINT OF BEGINNING of said easement; thence continue N.88° 52'00"W., along said south line, 45.00 feet; thence N.01°08' 00"E., 10.00 feet; thence S.88°52'00"E., 45.00 feet; thence S.01°08'00"W., 10.00 feet to the Point of Beginning, containing 450 square feet.

SURVEYOR'S NOTATIONS

1. Bearings are based on the South line of the Section 11, T40S-R23E, as being N.88°52'00"W. per plat of Hunter Creek Village Phase 1.
2. The "safe upland line" elevation of 2.0 was established by phone conversation with D.N.R. on Jan. 29, 1992.
3. The location of the "safe upland line" was determined by cross section of existing embankment from elevation +6 to -2.
4. Geographic coordinates of P.O.B. (Scaled from USGS quad Ft. Ogden, 1972) Longitude = 81°58'50.8" W Latitude = 42°00'07.9" N
5. Elevations are based on National Geodetic Vertical Datum. Base Bench Mark: Charlotte County Engineering Dept. BM #16 Elevation = 10.25 Railroad spike in power pole on east right-of-way of Palm Shore Dr.
6. This sketch is not valid unless it bears an original signature and
7. Linear footage of shoreline owned by applicant = 5,200'±.
8. There are no structures within 100' of the easement area.



Attachment A
Page 5 of 17 Pages
Easement No. 00351(4219-08)

MAR 29 1992
SWFFO - REC D

SHEET 1 OF

UPDATES & REVISIONS	FB/PG	DATE	BY	CK'D

DESCRIPTION (By Client): SEE ABOVE

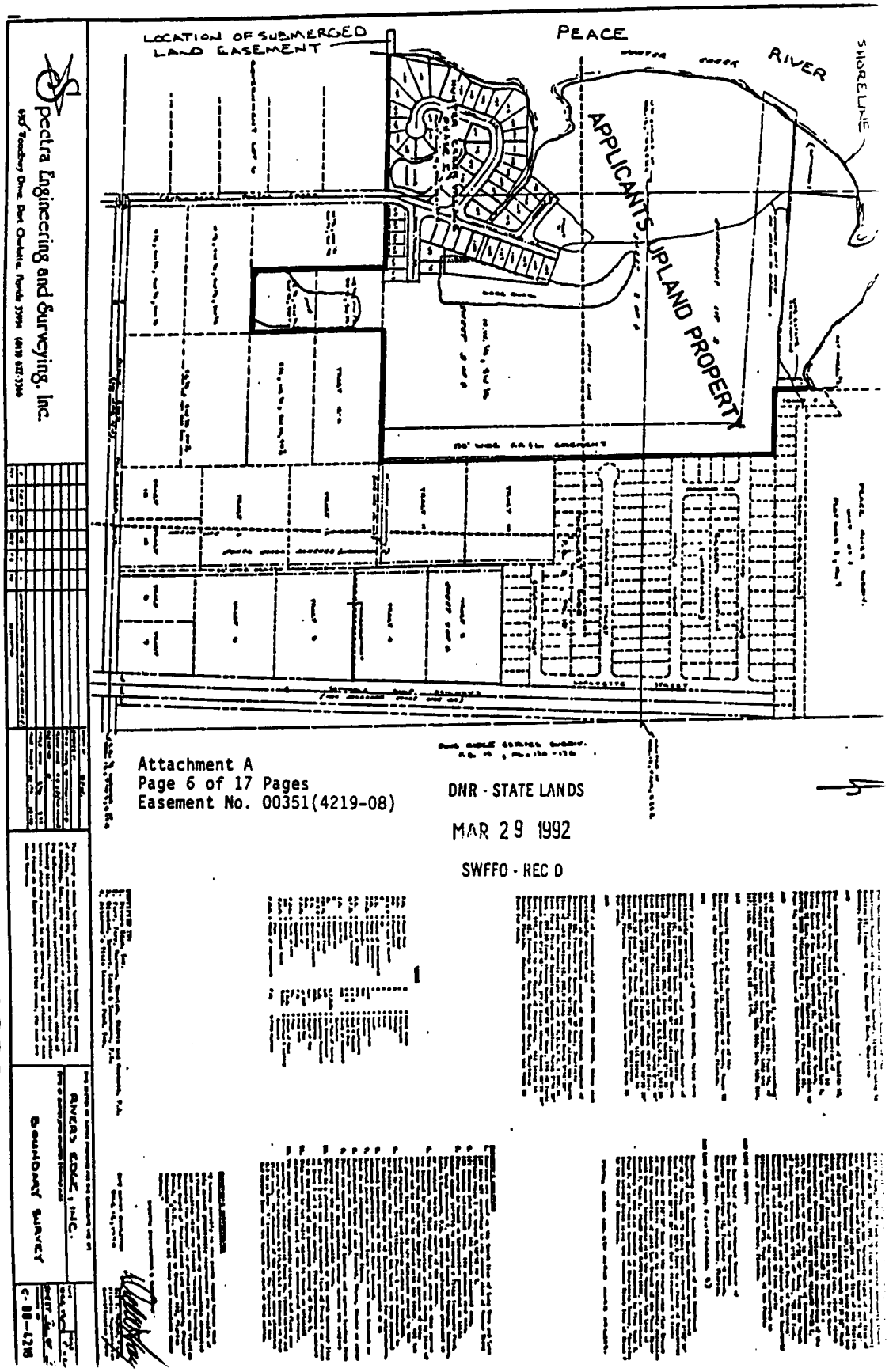
Lot Block
according to the plat thereof, as recorded in plat book page thru page of the Public Records of Charlotte County, Florida.
Said lands situate

SURVEYOR'S CERTIFICATE:
"I hereby certify to the party named hereon that this sketch graphically represents the results of a field survey made under my responsible direction and complies with the latest 'Minimum Technical Standards for Surveys' as promulgated by the Florida State Board of Professional Land Surveyors, Chapter 21HH-6, F.A.C., pursuant to Chapter 472, Florida Statutes; subject to all notes and exceptions shown hereon.

DATE SURVEY COMPLETED: 1-28-92

BY: Del W. Hayner
Professional Land Surveyor
Fl. Regis. Cert. No. 4058

THE SURVEY AS SHOWN HEREIN WAS MADE WITHOUT BENEFIT OF ABSTRACT OF TITLE, AND THEREFORE THE UNDERSIGNED AND SPEC ENGINEERING & SURVEYING, INC., MAKE NO GUARANTEES OR REPRESENTATIONS REGARDING INFORMATION SHOWN HEREIN PERTAIN TO EASEMENTS, CLAIMS OF BOUNDARY LINE DISPUTES, AGREEME RESERVATIONS OR OTHER SIMILAR MATTERS WHICH MAY APPEAR



Attachment A
Page 6 of 17 Pages
Easement No. 00351(4219-08)

DNR - STATE LANDS

MAR 29 1992

SWFFO - REC D

WITNESSES:

Original Signature

Cathy Watkins

Typed/Printed Name of Witness

Judith A. Booth

Original Signature

Judith A. Booth

Typed/Printed Name of Witness

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA

(SEAL)

BY Virginia B. Wetherell

Virginia B. Wetherell, Executive Director, Department of Natural Resources, Agent for the Board of Trustees of the Internal Improvement Trust Fund

"GRANTOR"

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 28th day of September, 1992, by Virginia B. Wetherell, Executive Director, who is personally known to me and who did not take an oath.

APPROVED AS TO FORM AND LEGALITY:

William C. Robinson Jr.

DNR Attorney

Cathy Lynn Watkins

Notary Public, State of Florida

CATHY LYNN WATKINS
MY COMMISSION # CC 187822 EXPIRES
March 22, 1996
BONDED THRU TROY FAIN INSURANCE, INC.

Printed, Typed or Stamped Name

My Commission Expires:

Commission/Serial No.

WITNESSES:

Original Signature

Dominick Petrizzo

Typed/Printed Name of Witness

Patricia E. Leonette

Original Signature

PATRICIA E. LEONETTE

Typed/Printed Name of Witness

Rivers Edge, Inc. (SEAL)

Grantee

BY John Leonette

Original Signature of Executing Authority

JOHN LEONETTE

Typed/Printed Name of Executing Authority

President

Title of Executing Authority

"GRANTEE"

STATE OF Florida

COUNTY OF Charlotte

The foregoing instrument was acknowledged before me this 4th day of September, 1992, by John Leonette of Rivers Edge, Inc., a Florida corporation, on behalf of the corporation. He/she is personally known to me or who has produced known to me as identification and did (did not take an oath.

My Commission Expires:

Notary Public, State of Florida at Large

~~My commission expires November 2, 1993~~

Commission/Serial No. 721046

Marie A. Moore

Notary Public, State of Florida

Marie A. Moore

Printed, Typed or Stamped Name

Page 4 of 17 Pages

Easement No. 00351(4219-08)

OR BOOK 1244 PAGE 0358

Spectra Engineering and Surveying, Inc.

(58-4216)

March 18, 1993

Rivers Edge, Inc.
1601 Hunter Creek Drive
Punta Gorda, FL 33950

ATTN: Mr. John Leonette

RE: Outstanding Invoices

Dear John:

As per our conversation, I have reviewed your account with members of our firm along with the services provided as of this date. I would like to offer the following breakdown of services:

CONTRACT:

Water Treatment Plant	$12,000.00
Site Plans	43,750.00
SUB TOTAL	$55,750.00

NON CONTRACT ITEMS:

Surveying

• Boundary Survey entire tract	$ 6,630.00
• Survey Plat	1,027.00
• Lot Surveys	650.00
• Legals for vacation of plat	965.25
• Stake Out	1,015.00
SUB TOTAL	$10,278.25

Club House & Pool	$ 2,963.75
Special Exception	$ 4,065.00

DNR

• Research	$ 1,622.50
• Permit	$ 2,120.00
• Land Lease	4,355.00
SUB TOTAL	$ 8,097.50

Water Treatment Plant Construction

• Tank	$ 427.50
• Water Testing	247.50
• Operating Manual	4,700.00
• Meeting with DER Operating Permit	830.00
• Certification	1,360.00
SUB TOTAL	$ 7,565.00

Sewage Treatment Facilities

• Sludge Research	$ 440.00
• Soil Sampling & Analysis	4,617.25
• Misc - discussions with City	
- Agriculture Use Plan	
- Monitoring Report	
- Franchise vs. private	
- General	1,777.50
SUB TOTAL	$ 6,834.75

Miscellaneous

• Reproduction of plans	$ 1,257.33
• UPS	42.00
• DER Fee	440.00
• Advertising Fees	92.53
• General Consulting	480.00
• Meeting with residents; discussions with owner	600.00
• Check weir elevation	450.00
SUB TOTAL	$ 3,361.86

Preliminary Plat	$ 3,872.50
TOTAL CONTRACT ITEMS	$55,750.00
TOTAL NON CONTRACT ITEMS	$47,038.61

We would be glad to sit down with you at your earliest convenience to discuss this matter with you.

A few weeks ago, we discussed receiving a payment of $2,200, which would be forwarded to us upon closing of a unit. As of this date, we have not recieved this payment. This situation has forced us to temporarily stop work on this project until a payment schedule has been agreed upon.

Please feel free to contact me if you have any questions.

Very truly yours,

SPECTRA ENGINEERING & SURVEYING, INC.

William L. Murray, P.E.
President

WLM/cl

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Structures & Improvement (Building)

DESOTO LAND DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

STORM SEWERS	Units	Price	Amount
24x35	275 lf	38.00 lf	10,450.00
18" CMP	40 lf	18.50 lf	740.00
24" CMP	1 lf	27.50 lf	27.50
27" CMP	93 lf	30.50 lf	2,836.50
Catch Basins	6	800.00 ea.	4,800.00
			18,854.00
Less Materials on hand			18,000.00
Total Storm Sewers			854.00

WATER			
3" PVC WM	1870 lf	5.00 lf	9,350.00
8" PVC WM	800 lf	9.75 lf	7,800.00
6" PVC WM	1732 lf	7.80 lf	13,509.60
6" GV	1	[illegible]	1,890.00
2" Blowoff	[illegible]	[illegible]	300.00
Services-Double	21	200.00 ea.	4,200.00
Services-Single	4	175.00 ea.	700.00
			37,749.60
Less Materials on hand			9,700.00
Total Water			28,049.60

ROADS			
12" Sub Base	8363 sy	2.45 sy	20,489.35
			20,489.35

SANITARY SEWER			
Services-Double	24	285.00	6,840.00
Services-Single	2	260.00	520.00
Lift Station	1070	25,000.00	2,500.00
			9,860.00
Less Materials on hand			10,500.00
Total Sanitary Sewer			(640.00)

WATER TREATMENT PLANT	1070	270,000.00	27,000.00
Less Materials on hand			8,000.00
Total Water Treatment Plant			19,000.00

EXCAVATION	15,000 cy	1.20 cy	18,000.00

TOTAL BILLING 85,752.95

TOTAL WATER TREATMENT PLANT	$ 270,000	ABOVE
R.O. PLANT, HIGH SERVICE PUMPING, ETC	$ 114,780	AGRI PUMP SYSTEMS
30,000 GALLONS STORAGE @ $5,000/10000 GALS	15,000	✓ 1/8/81
HYDRO NEUMATIC TANK	8,500	✓
R.O. BUILDING	105,120	PLANTATION

WORK IN PLACE

Project Name: Reverse Osmosis Water Treatment Plant Contract 1

Project No. 345

Contractor: Boyce Company

Date 6-25-84

Page 1 of 1

Item No.	Description	Bid Quantity and Unit	Unit Price	Bid Amount	Quantity Installed to Date	Amount Earned to Date
1	Mobilization	100%	1,500.00		100%	1,500.00
2	Sitework	100%	30,764.00		100%	30,764.00
3	R.O. Building	100%	121,281.00		100%	121,281.00
4	Gen. Building	100%	92,579.00		100%	92,579.00
5	Yard Piping	100%	171,475.00		100%	171,475.00
6	Electrical	100%	48,554.00		100%	48,554.00
7	Permit	100%	11,973.00		100%	11,973.00
	R.O. BLDG 1984	$121,281				
	BUILDING COST INDEX 1981/1984 2097/2417	= 86.76%				
	1981 COSTS R.O. BUILDING ≅	$105,420				
	Totals	100%	478,126.00		100%	478,126.00

BALANCES

WOR THAT DOING

The McGraw-Hill Companies

McGraw-Hill CONSTRUCTION

visit search

Work Centers | Our Sites

enr.com Engineering News-Record

THE U FACTOR

subscriptions | advertise | careers | contact us | my ac

home | news | features | projects | products | people & firms | opinions

features & co

Buildings

Business & Lab

Education

Environment

Power & Industrial

e-Construction

Transportation

International

Construction Economics

Click here for a free trial subscription to: McGraw-Hill Construction ENR

search the DO E project marke e

search the SW TS product mark e

be the first to know subscribe e-newsl

building cost index history

Building Cost Index History (1915-2004)

HOW ENR BUILDS THE INDEX: 66.38 hours of skilled labor at the 20-city average of bricklayers, carpenters and structural ironworkers rates, plus 25 cwt of standard structural steel shapes at the mill price prior to 1996 and the fabricated 20-city price from 1996, plus 1.128 tons of portland cement at the 20-city price, plus 1,088 board-ft of 2 x 4 lumber at the 20-city price.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVG
1990	2664	2668	2673	2676	2691	2715	2716	2716	2730	2728	2730	2720	2702
1991	2720	2716	2715	2709	2723	2733	2757	2792	2785	2786	2791	2784	2751
1992	2784	2775	2799	2809	2828	2838	2845	2854	2857	2867	2873	2875	2834
1993	2886	2886	2915	2976	3071	3066	3038	3014	3009	3016	3029	3046	2996
1994	3071	3106	3116	3127	3125	3115	3107	3109	3116	3116	3109	3110	3111
1995	3112	3111	3103	3100	3096	3095	3114	3121	3109	3117	3131	3128	3111
1996	3127	3131	3135	3148	3161	3178	3190	3223	3246	3284	3304	3311	3203
1997	3332	3333	3323	3364	3377	3396	3392	3385	3378	3372	3350	3370	3364
1998	3363	3372	3368	3375	3374	3379	3382	3391	3414	3423	3424	3419	3391
1999	3425	3417	3411	3421	3422	3433	3460	3474	3504	3505	3498	3497	3456
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVG
2000	3503	3523	3536	3534	3558	3553	3545	3546	3539	3547	3541	3548	3539
2001	3545	3536	3541	3541	3547	3572	3625	3605	3597	3602	3596	3577	3574
2002	3581	3581	3597	3583	3612	3624	3652	3648	3655	3651	3654	3640	3623
2003	3648	3655	3649	3652	3660	3677	3683	3712	3717	3745	3765	3757	3693
2004	3767	3802	3859*	3908	3956	3996	4013	4027					

Base: 1913=100

*= Revised

ANNUAL AVERAGE

1915	95	1936	172	1957	509	1978	1654
1916	131	1937	196	1958	525	1979	1919
1917	167	1938	197	1959	548	1980	1941
1918	159	1939	197	1960	559	1981	2097
1919	159	1940	203	1961	568	1982	2234

»Marketplace Sponsored Links

Corecon - Construction Estimating and PM Software
Looking for a scalable solution to meet your estimating, project ...

The Jobclock
The Contractor's Timeclock. Portable, Rugged and Weatherproof.

Endless Pools - Swim at Home - Free DVD or Video
Swim or exercise in place against a

1920	207	1941	211	1962	580	1983	2384
1921	166	1942	222	1963	594	1984	2417
1922	155	1943	229	1964	612	1985	2428
1923	186	1944	235	1965	627	1986	2483
1924	186	1945	239	1966	650	1987	2541
1925	183	1946	262	1967	676	1988	2598
1926	185	1947	313	1968	721	1989	2634
1927	186	1948	341	1969	790		
1928	188	1949	352	1970	836		
1929	191	1950	375	1971	948		
1930	185	1951	401	1972	1048		
1931	168	1952	416	1973	1138		
1932	131	1953	431	1974	1205		
1933	148	1954	446	1975	1306		
1934	167	1955	469	1976	1425		
1935	166	1956	491	1977	1545		

Click here to view the ENR Cost Indexes FAQ'S >>

Our Sites
McGraw-Hill Sites
2004 The McGraw-Hill Companies, Inc.
All Rights Reserved

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Structures & Improvement (Electrical)

SUB-CONTRACT DRAW REQUEST

RAMAR GROUP CONSTRUCTORS, INC.
P.O. BOX 1845 600 BIRD BAY DRIVE VENICE, FLORIDA 33595
PHONE (813) 485-1525

Sub-Contractor's Name & Address:
Hatten Electric
410 S. Venice Ave
Venice, Fla 33595

Project Name: Water Treatment Plant - Plantation

Date: 2/24/81
RGC Job No. 302
Cost Code # ~~25,250~~ 17.010
Bldg. No. —
Requisition No. 1

	Contract Amounts	X	*Percentage Completed To Date	=	Amount Completed To Date
Base Contract Amount	$ 26,600	X	100 %	=	$ 26,600.00
Total Change Order # 1 Thru —	$	X	%	=	$
Total Revised Contract Amount	$ 26,600 OK			=	$ 26,600 ENTER THIS FIGURE AT (2) BELOW

PROCESSED
MAR 04 1981
ACCOUNTS PAYABLE
20 012

NOTE: *Attach applicable schedule of total work completed to date as per contract draw schedule.

	TOTALS TO DATE (2) THIS REQUEST
Work Performed	$ 26,600
Plus Materials Stored (MUST BE ACCOMPANIED WITH ITEMIZED PRICED OUT LIST)	$ —
Total Gross Invoice	$ —
Less -0- % Retainage	$ —
Gross Invoice Less Retainage	$ 26,600.00
Less Previous Payments	$ — OK
Balance due this draw	$ 26,600.00

Final Draw

Approved for payment by:

RAMAR GROUP CONSTRUCTORS, INC.
By: Bruce Elliott
Date: 2-27-81

Pay By This Date: 3-10-81

SUBMITTED BY:
Hatten Electric
(Sub's Company Name)

By: Jeff Hucklin
(Signature of Sub-Contractor)

WATER TREATMENT PLANT REPORT

FOR

RIVERS EDGE

(FORMALLY HUNTERS CREEK MOBILE HOME PARK)

INTRODUCTION:

In January of 1989 SPECTRA Engineering & Surveying, Inc. was retained to resolve the permitting problems associated with water treatment plant at Hunters Creek Mobile Home Park. Upon review of the available records dating back to 1980 and meetings with the Department of Environmental Regulations in Fort Myers, it was determined that this plant did not have a valid permit for discharge of R.O. concentrate. With the change in district boundary lines from Fort Myers to Tampa, the next year was spent performing an alternatives analysis for discharge and applying for a surface water discharge permit from the Industrial Waste Permitting section of DER in Tampa. With this surface water discharge permit in hand, an NPDES permit was applied for and a study of the existing plant facilities was commissioned. During this time a new owner purchased the mobile home park and changed the name of this development to Rivers Edge.

The information collected for this study came from researching records, an on site inspection of the existing facilities and interviews with previous owners. Some of the sources which were instrumental in providing information on the history of this facility include:

- Report by Missimer and Associates entitled "Stream Characterization and R.O. Concentrate Disposal at Hunters Creek Village, Charlotte County, Florida"
- Report by Ian Watson Rostek Services, Inc. - Fort Myers, Florida
- Waste water land application study performed by Ardaman and Associates, Inc. - Sarasota, Florida
- SWFWMD Well Permitting department, Brooksville, Florida
- Curtis Newburry Well Drilling - DeSoto County, Florida
- Hydropro, Inc. - North Palm Beach, Florida
- Harn R.O. - Venice, Florida
- Dwane Fenner, plant operator
- Dave Sheppard, Loredo Development, past owner

GENERAL OVERVIEW:

Rivers Edge Water Treatment Plant is located approximately 10 miles north of the intersection of I-75 and Route 17 in Charlotte County (please refer to Figure 1). The plant and mobile home park are situated in a relatively rural part of the county. At present this development is considered to be outside the urban service area.

This park, with frontage along Hunters Creek, will have to provide potable water and sewage treatment facilities to its residents because there are no centralized water or sewage treatment facilities available near by. Fortunately, the amount of property owned by the park and the current zoning regulations will allow for this type of development.

EXISTING WATER TREATMENT PLANT:

The original water treatment plant was installed around 1981. The reverse osmosis unit was supplied by the Permutit Company of Paramus, New Jersey. The storage tanks, hydropneumatic system, wells, distribution system, and associated appurtences were completed at that same time. In June of 1982 the system was cleared for operation by DER in Fort Myers and began producing water. Shortly thereafter, EPA went through a rule change which classified R.O. concentrate as an industrial waste. Facing this permitting stumbling block, the plant went through a series of permit applications and consent orders which ultimately found this plant to be out of compliance.

Several years and several owners later, SPECTRA Engineering & Surveying was retained to resolve the permitting problems. After receiving a surface water discharge permit, an inventory of the existing system was taken.

There are two existing wells on site (please see Figure 2 for general location and overall park layout). Both wells were installed by Curtis Newburry (#1212) in September, 1980. They are 4" PVC wells approximately 230 feet deep. Well boring logs for these wells are included in the appendix of this report. Originally 3 HP Fling and Walling pumps rated at 55 GPM were installed in the well. Records indicate

that these pumps have been replaced with 3 HP Gould pumps rated at 50 GPM. We feel that these pumps will meet our current demands.

The two well heads suffer from lack of maintenance and will require work to bring them up to current regulations. Specifically, new 6' x 6' concrete slabs will have to be poured around each well casing and appropriate tamper-proof sample points and valving will be required.

Piping from the wells to the treatment plant is 3" schedule 40 PVC. It is in good shape where inspected and should provide adequate service for the years to come.

In general the equipment within the existing plant suffers from lack of maintenance and will have to be replaced. However, there are some pieces worth noting that can be incorporated into the new plant. The embermaic cartridge filter is in excellent condition. It has a rated capacity of 55 GPM and requires only minor maintenance such as replacement of gaskets and its filter element. Since all PVC piping valves and sensors will be replaced, this filter can be easily plumbed into the new system. The high pressure pump on the R.O. skid is a Tonka Flow Model 8533SE with a 20 HP motor. It was overhauled in 1986 and appears to be in good shape. During construction, this motor will be thoroughly examined and rebuilt as necessary. The existing building that houses this portion of the treatment plant is in good condition. It is constructed on a slab foundation with concrete block walls and wood truss with asphalt roof. It will continue to supply adequate shelter for the water treatment plant equipment. The existing concrete storage tanks and steel Hydro tank are in good condition. With the exception of some minor cosmetic repairs, these tanks are ready for service and will provide excellent reliable storage capacity.

PROPOSED WATER TREATMENT:

As previously mentioned, some of the existing equipment will be incorporated into the new plant. In general, most of the functioning parts of the treatment plant will be replaced. During construction, every aspect of the treatment plant will be examined to insure proper functioning of its equipment and compliance with current DER regulations.

Based on the water quality analysis performed on the existing wells and after analysis of possible treatment alternatives, it was determined that the reverse osmosis water treatment process was the most economical method of providing potable drinking water to the mobile home park. Water is withdrawn from the two existing wells on an altering basis. This pumping action is controlled through float level switches in the water storage tank. Once the water is inside the treatment building, sulfuric acid is injected into the raw water to help prevent the precipitation of calcium carbonate scale. The acified water is then filtered through a 10 micron cartridge filter. This is a very effective method of removing suspended solids from the feed stream which would tend to foul the membrane. The feed water is then injected with an antiscalent. This antiscalent is specifically designed for use with R.O. systems. It is especially effective in preventing organic scale such as calcium carbonate, calcium sulfate, barium sulfate, and strontium sulfate. Use of an antiscalent such as Flocon 100 can greatly improve the life of a reverse osmosis membrane.

The feed water then enters a high pressure pump. We are expecting to be operating at a pressure of 200 - 300 psi depending on the brand of membrane selected. Water is then piped through a series of manifolds to the membrane array. Once inside the membrane, the actual R.O. process begins.

The principal mechanism involved in the R.O. process is separation through diffusion, charge repulsion, and size exclusion. Basically, application of pressure in excess of osmotic pressure on one side of a semi-permeable membrane results in a greater mass transfer of water then salute and therefore creates a condition in which one side of the membrane has a more highly concentrated aquaeous stream. The result of this process is that raw water enters the first membrane and is split into two streams: one stream of relatively pure solution and one stream of more concentrated solution or "concentrate". The "pure" stream is then blended with a mix of raw water to produce the final product and to lower its corrosive nature. It is then pipe through a degassifier to remove hydrogen sulfide and enters the storage tank where it is chlorinated. The potable water is pumped through a Hydro tank by high lift service pumps and is distributed throughout the park.

To increase plant efficiency, the concentrate from the first membrane will run through a second membrane which will again split the flow into two parts. The "pure" flow stream will enter into the potable water supply system and the concentrate from this second membrane will be piped to a separate degassifier and then will be discharged into Hunters Creek. Using this process we are anticipating a recovery rate of about 75%. This means that about 75% of the water withdrawn from the ground is processed into potable water.

In general, the plant is designed to operate automatically. The R.O. portion of the treatment plant is controlled by float level switches within the storage tank. Water is produced at a constant rate and the storage tank evens out any peaks or valleys in demand. The service pumps and Hydro tank work together to maintain distribution line pressure. There is a low level float switch in the Hydro tank that will sound an alarm should water levels reach a critical stage. The plant operator's main function is maintenance. He should test the product water for residual chloride, keep tract of the amount of chemicals used, check operation of equipment and resupply chemicals as required.

PLANT SIZING AND PER CAPITA FLOW:

The initial step in setting the plant size is to estimate the amount of water used by each person. Enclosed in the Appendix is an excerpt from a book entitled "Water Resource Engineering Third Edition" by Linsley and Franzini. Table 15-3 states a total of 64 gpcd for conventional household devices. This list of devices fits very well with the type of devices you would expect to find in a mobile home. Assuming there are two persons per trailer, add 20% for lawn watering and 20% for car washing and line loss, we calculate the average daily demand per trailer of 185 GPD. This rate correlates very well with the daily rated gallonage published by General Development Utilities for the Charlotte County Division. A copy of that rate schedule is included in the Appendix.

Utilizing that rate schedule and sizing out the wells and pumps for maximum flow, we find that a 45,000 GPD plant will serve 320 residents. This equates to 160 mobile home units and one club house. (Please refer to the Appendix for actual flow calculations.)

CHLORINATION:

The chlorine feed rate, based on the average daily water demand, is 0.5 lbs/day. Therefore, pursuant to FAC 17-555.320 5b we will use hypochlorination. This is assuming a rate of application of 2 Mg/liter (please refer to the Appendix for calculations). Because the storage tank eliminates any peaks or valleys in demand, the sizing of the chlorinator is based on the maximum daily flow of the R.O. unit even though the maximum hourly rate for the service pumps is higher. This is because the water in the storage tank has already been chlorinated. The chlorine feeder is activated by the R.O. unit which produces potable water at a constant rate. The hourly rate used in the service pump sizing has to do more with supply then treatment and therefore does not apply to sizing the chlorinator.

CONCLUSION:

The current construction permit application is being submitted for two reasons; the first of which is to provide the mobile home park with potable water and secondly to allow for future expansion of this facility as needed. Because of the time peiod involved between original construction and permitting, it is our intention to certify this facility for operation once the proper permits are received and re-construction is complete.

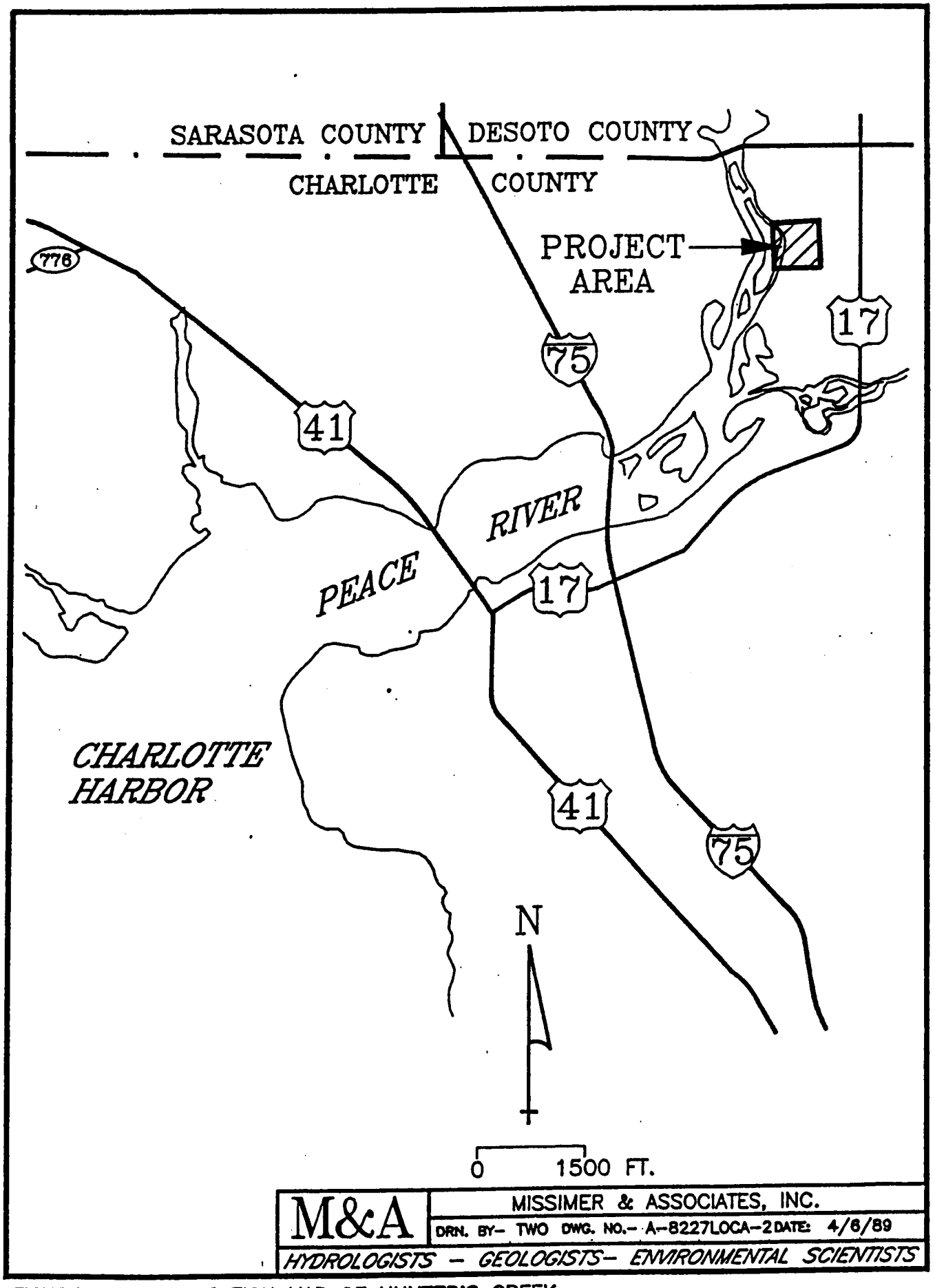


FIGURE 1 LOCATION MAP OF HUNTER'S CREEK.

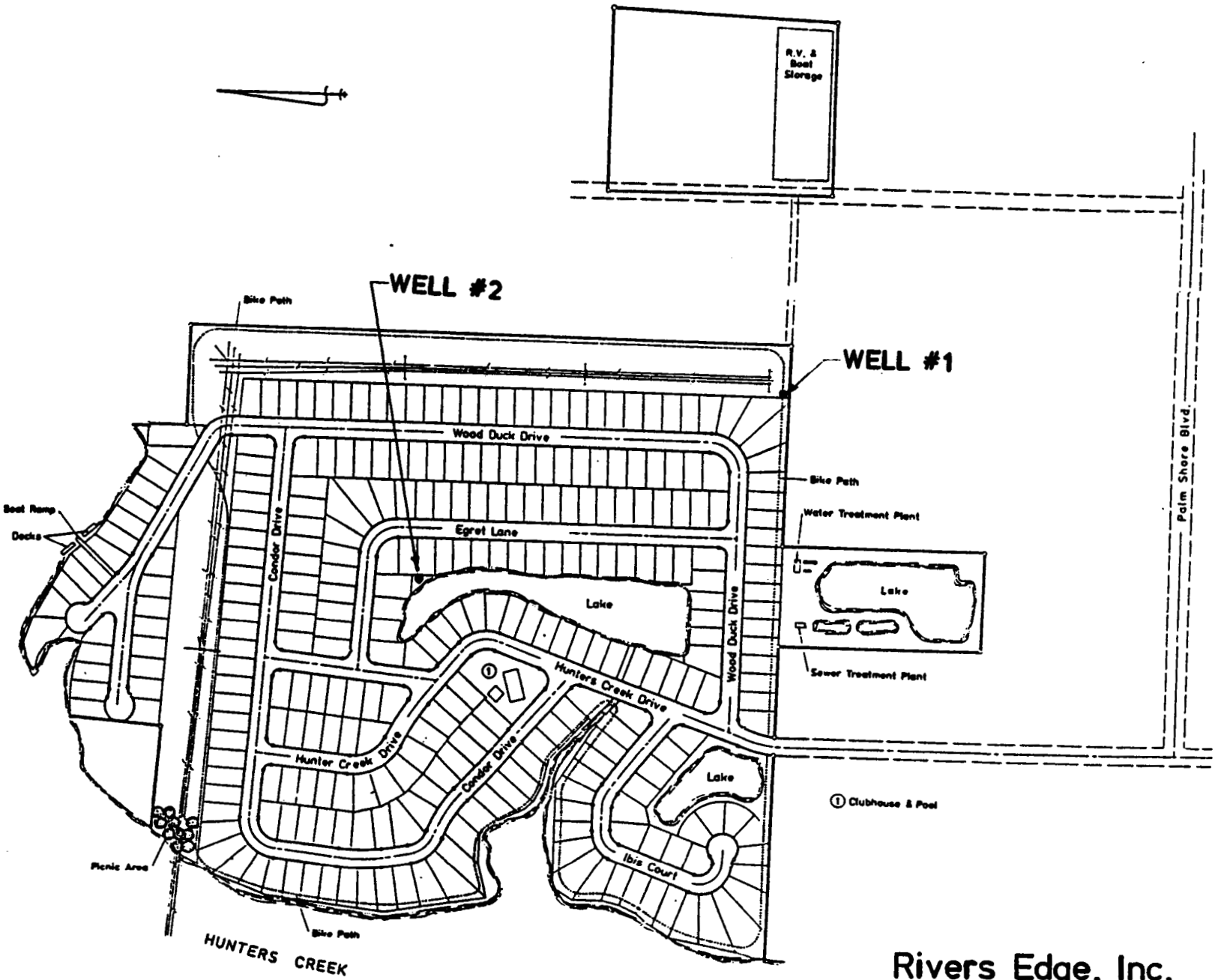
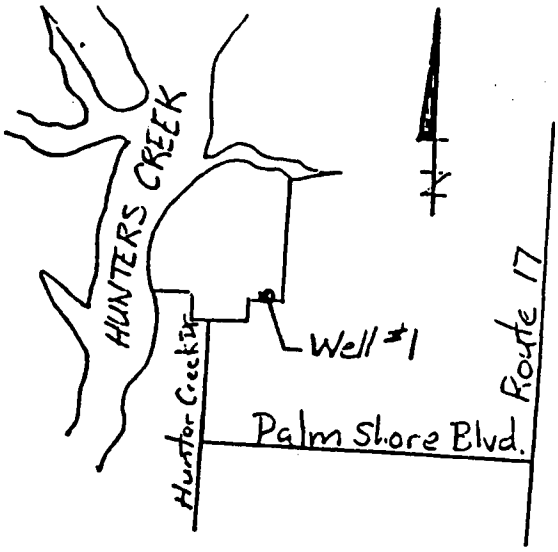


FIGURE 2

Rivers Edge, Inc.
April 22, 1991
Spectra Engineering and Surveying, Inc.



RIVERS EDGE MOBILE HOME PARK

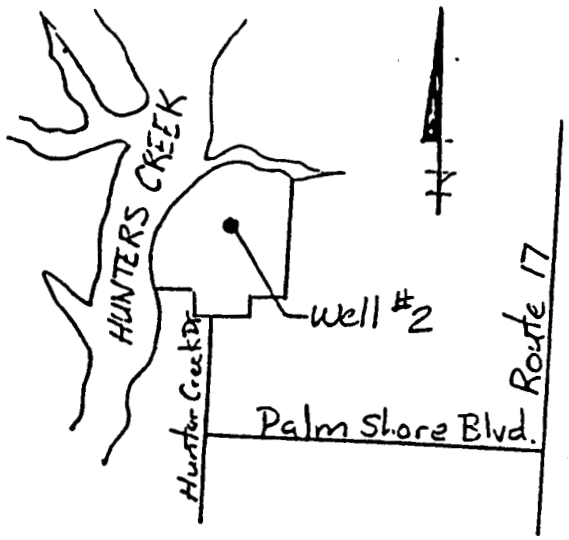
WELL BORING LOG

Well No. 1:

Location: Section 12, Township 40, Range 23 East
Latitude: 27° 00' 37"
Longitude: 81° 59' 03"
Casing: 4" PVC Schedule 40
SWFWMD Permit No.: 356913-20
Completion Date: 9-11-80, 9-12-80
Contractor: Curtis Newburry #1212

Depth	Description of Material
00-20	Sand
20-41	Sand and clay
41-70	Green clay, sand and gravel
70-90	Rock, clay and sand
90-100	Clay and rock
100-125	Rock and clay
125-125	4" PVC cemented in rock
125-150	Rock and Hawthorn clay
150-181	Clay and rock
181-230	White clay and Hawthorn rock
230-230	Bottom of well

Static water level 3' below existing grade.



RIVERS EDGE MOBILE HOME PARK

WELL BORING LOG

Well No. 2:

Location: Section 12, Township 40, Range 23 East
Latitude: 27° 00' 43"
Longitude: 81° 59' 06"

Casing: 4" PVC Schedule 40

SWFWMD Permit No.: 356914-20
Completion Date: 9/10/80
Contractor: Curtis Newburry #1212

Depth	Description of Material
00-20	Sand
20-40	Sand and clay
40-70	Green clay, sand, gravel, phosphate rock
70-100	Clay and rock
100-125	Hawthorn rock and clay
125-125	4" PVC cemented in Hawthorn rock
125-160	Hawthorn rock clay
160-190	Gray rock and clay
190-230	White rock
230-230	Bottom of well

Static water level 3' below existing grade.

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Wells

COST TO DRILL 4" WELL 225' DEEP AND CASED TO 125'	$4,405
COST OF PUMP INCLUDING INSTALLATION	2,130
TOTAL COST PER WELL	$6,535
NUMBER OF WELLS DRILLED	x 2
TOTAL COST OF WELLS	$13,070

SOUTHWEST FL DA WATER MANAGEMENT DISTRICT
PUBLIC WATER SUPPLY
GROUTING REPORT

AME OF DRILLING CONTRACTOR: Curtis E. Newberry, Sr. LICENSE NO.: 1212

AME OF PROPERTY OWNER: Hunter Creek, LTD. PERMIT NO.: 356913

CATION: SECTION 12 TOWNSHIP 40 RANGE 23 COUNTY Charlotte

REET ADDRESS: 1275 Sheri St., Lake Suzy, Fla.

ZE OF CASING: 4" DEPTH OF CASING: 125' DEPTH OF WELL: 225'

YPE OF CASING: BLACK IRON _____ PVC X GALV. _____ T&C _____ WELDED _____

AND CASING USED: YES _____ NO X METHOD: GRAVITY FLOW USING TREMIE _____

MP BAILER _____ PRESSURE PUMPED THROUGH: CASING X TREMIE _____

OF GROUT USED: 15 TYPE OF DRILLING EQUIPMENT USED: Rotary

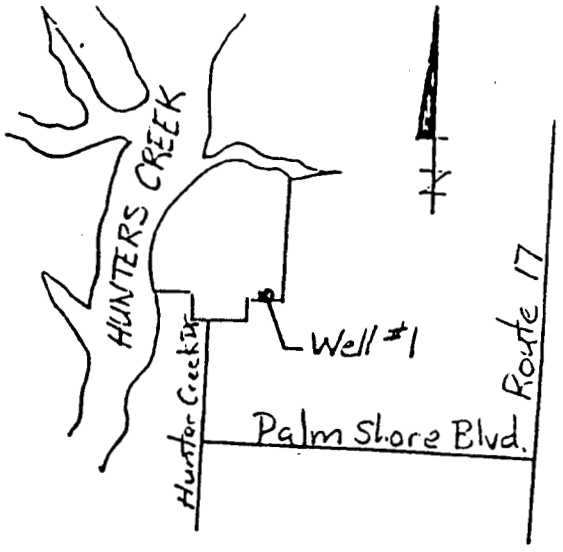
SERVER'S ARRIVAL TIME: 9:30 a.m. GROUTING START TIME: 10:30 a.m.

OUTING FINISHING TIME: 3:00 p.m. OBSERVER'S DEPARTURE TIME: 3:00 p.m.

ESCRIPTION OF GROUTING PROCEDURES: This process was done in accordance with Chapter 17-22 [redacted] 24 [redacted], filled anular space from bottom to top with neat cement grout.

E: Sept. 8, 1980 OBSERVER'S SIGNATURE: [signature]

es



RIVERS EDGE MOBILE HOME PARK

WELL BORING LOG

Well No. 1:

Location: Section 12, Township 40, Range 23 East
Latitude: 27° 00' 37"
Longitude: 81° 59' 03"
Casing: 4" PVC Schedule 40
SWFWMD Permit No.: 356913-20
Completion Date: 9-11-80, 9-12-80
Contractor: Curtis Newburry #1212

Depth	Description of Material
00-20	Sand
20-41	Sand and clay
41-70	Green clay, sand and gravel
70-90	Rock, clay and sand
90-100	Clay and rock
100-125	Rock and clay
125-125	4" PVC cemented in rock
125-150	Rock and Hawthorn clay
150-181	Clay and rock
181-230	White clay and Hawthorn rock
230-230	Bottom of well

Static water level 3' below existing grade.

SOUTHWEST FL IDA WATER MANAGEMENT DISTRICT
PUBLIC WATER SUPPLY
GROUTING REPORT

AME OF DRILLING CONTRACTOR: Curtis E. Newberry, Sr. LICENSE NO.: 1212

35641

AME OF PROPERTY OWNER: Hunter Creek, LTD. PERMIT NO.: 35641

OCATION: SECTION 12 TOWNSHIP 40 RANGE 23 COUNTY Charlotte

TREET ADDRESS: 1275 Sheri St., Lake Suzy, Fl.

IZE OF CASING: 4" DEPTH OF CASING: 125' DEPTH OF WELL: 225'

YPE OF CASING: BLACK IRON _____ PVC x GALV. _____ T&C _____ WELDED _____

SAND CASING USED: YES _____ NO x METHOD: GRAVITY FLOW USING TREMIE _____

DUMP BAILER _____ PRESSURE PUMPED THROUGH: CASING x TREMIE _____

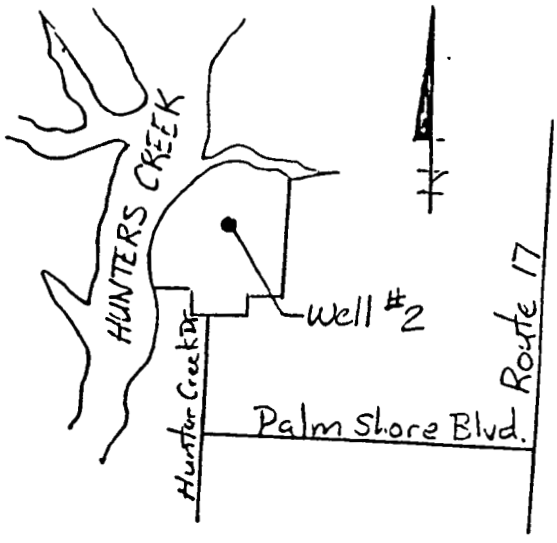
BA[redacted]OF GROUT USED: 15 TYPE OF DRILLING EQUIPMENT USED: Rotary

OBSERVER'S ARRIVAL TIME: 10:00 a.m. GROUTING START TIME: 11:00 a.m.

GROUTING FINISHING TIME: 3:00 p.m. OBSERVER'S DEPARTURE TIME: 3:00 p.m.

DESCRIPTION OF GROUTING PROCEDURES: This process was done in accordance with Chapter 17-22, [redacted]. Filled anular space from bottom to top with neat cement grout.

[redacted]E: Sept. 9, 1980 OBSERVER'S SIGNATURE: [signature]



RIVERS EDGE MOBILE HOME PARK

WELL BORING LOG

Well No. 2:

Location: Section 12, Township 40, Range 23 East
Latitude: 27° 00' 43"
Longitude: 81° 59' 06"

Casing: 4" PVC Schedule 40

SWFWMD Permit No.: 356914-20
Completion Date: 9/10/80
Contractor: Curtis Newburry #1212

Depth	Description of Material
00-20	Sand
20-40	Sand and clay
40-70	Green clay, sand, gravel, phosphate rock
70-100	Clay and rock
100-125	Hawthorn rock and clay
125-125	4" PVC cemented in Hawthorn rock
125-160	Hawthorn rock clay
160-190	Gray rock and clay
190-230	White rock
230-230	Bottom of well

Static water level 3' below existing grade.

INVOICE (UNIT PRICE DRAW)

To: **RAMAR GROUP CONSTRUCTORS, INC.**
P.O. BOX 1845 600 BIRD BAY DRIVE VENICE, FLORIDA 33595
PHONE (813) 485-1525

P. O. # 24174

Date: September 11, 1980

From: Guest Well Drilling Co.
6101 Porter Road
Sarasota, Fla. 33582

Project: Plantations

Job # 301

Req. #: 1

Bldg. or Job No.	Qty	Unit	Item	Unit Price	Amount	JOB SUPT. USE ONLY Cost Code	Cost Type
Well #1			Rig mobilization & Setup sharge	200.00	200.00		
Permit #356913		125' ~~60'~~	4" Sch. 40 P.V.C. casing	4.00/ft	50.00 ~~240.00~~		
		20 ~~10~~	Sacks cement grout	7.00/sk	140.00 ~~70.00~~		
			Labor to grout casing		125.00		
		225' ~~195'~~	8" x 4" Well drilling	12.00/ft	2,700.00 ~~2,340.00~~		
			Disinfection of well		250.00		
			Installing & running pump test		150.00		
			County & state permits		15.00		
			Complete water analysis		325.00		

7' WT
5000 GPH

Sub-Total	$ 4405 ~~3,715.00~~	COST ONE WELL 225 DEEP W/ 125' CASING
Less % Retainage	$ -0-	
Net Amount Due	$ 4405 ~~3,715.00~~	4405.00 ~~$3,715.00~~

COST OF TWO 4" WELLS 225' DEEP

x 2

Guest Well Drilling Co. $8810.00
(Sub Contractors Co. Name)

APPROVED FOR PAYMENT:

RAMAR GROUP CONSTRUCTORS, INC.

By: Bruce Elliott

Date: 9/16/80

Date Payment Due:

James R. Hunt Pres.
(Signature of Representative)

(Date)

ABOVE INVOICED USED TO ESTIMATE THE COST TO DRILL WELL AT HUNTER'S CREEK. MODIFICATIONS REPRESENT ACTUALS FOR HUNTER'S CREEK WELL.

Contract

INVOICE (UNIT PRICE DRAW)

C.O. # 24174

To: **RAMAR GROUP CONSTRUCTORS, INC.**
P.O. BOX 1845 600 BIRD BAY DRIVE VENICE, FLORIDA 33595
PHONE (813) 485-1525

35420

Date: November 25, 1980

From: Guest Well Drilling Co.
6101 Porter Rd.
Sarasota, Florida 33582

Project: The Plantation Water Plant

Job #: 301

Req. #: XXX -2.

Bldg. or Job No.	Qty	Unit	Item	Unit Price	Amount	JOB SUPT. USE ONLY Cost Code	Cost Type
301	3	1	5 h.p. Submersible U.T.K. Goulds	1,708.00	5,124.00	25.257	4
301	150'	2"	Galv. pump pipe	2.50/ft	375.00		
301	3	60'	12 x 3 pump cable packages	50.30/ea	150.00		
301	3	1	4" x 2" Well seal	10.80/ea	32.40		
301	3	1	2" Check valves AV6-20	29.00/ea	87.00		
301	3	1	2" Gate valves	35.00/ea	105.00		
301	3	1	2" galv. tee's	4.84/ea	13.44		
301	9	1	2" x 6" galv. nipples	3.81/ea	34.29		
301	3	1	Pressure gauges	4.25/ea	12.75		
301	3	1	2" galv. reducing bushings	1.87/ea	5.61		
301	3	1	Labor per pump installation	150.00/ea	450.00		

Sub-Total ..... $ ~~6,390.39~~

Less % Retainage $

Net Amount Due ..... $ ~~6,390.39~~

3 WELLS
6,389.49/3
= 2129.83
2130.00
x 2
~~6,389.49~~
4,260.00

EACH WELL

Pump COST 2 WELLS

CHG TO

APPROVED FOR PAYMENT:

RAMAR GROUP CONSTRUCTORS, INC.

By: Bruce Elliott

Date: 12/4/80

Date Payment Due: 12/25/80

Guest Well Drilling Co.
(Sub Contractors Co. Name)

J. R. Guest Pres.
(Signature of Representative)

November 26, 1980
(Date)

5,574.00 325
815.49 3.4
6,389.49

RECEIVED
DEC 05 1980
ACCOUNTS PAYABLE

INVOICE (UNIT PRICE DRAW)

To: **RAMAR GROUP CONSTRUCTORS, INC.**
P.O. BOX 1845 600 BIRD BAY DRIVE VENICE, FLORIDA 33595
PHONE (813) 485-1525

P. O. # 24174

Date: September 8, 1980

From: Guest Well Drilling Co.
6101 Porter Road
Sarasota, Florida 33582

Project: Plantations

Job # 301

Req. #: 1

Bldg. or Job No.	Qty	Unit	Item	Unit Price	Amount	JOB SUPT. USE ONLY Cost Code	Cost Type
11 # 2			Rig mobilization & setup charge		200.00		
		60'	4" Sch. 40 P.V.C. Casing	4.00/ft	240.00		
		14	Sacks cement grout	7.00/ft	98.00		
			Labor to grout casing		125.00		
		200'	8" x 4" Well drilling	12.00/ft	2,400.00		
			Disinfection of well		250.00		
			Installing and running test pump		150.00		
			County & state permits		15.00		
			Complete water ~~xxxxx~~ analysis		325.00		

2' WT

4800 GPH

Sub-Total	$ 3,803.00
Less % Retainage	$ -0-
Net Amount Due.....	$ 3,803.00

31 4

APPROVED FOR PAYMENT:

RAMAR GROUP CONSTRUCTORS, INC.

By: Bruce Elliott

Date: 9/18/80

Date Payment Due:

Guest Well Drilling Co.
(Sub Contractors Co. Name)

James R. Guest Pres.
(Signature of Representative)

(Date)

INVOICE (UNIT PRICE DRAW)

To: **RAMAR GROUP CONSTRUCTORS, INC.**
P.O. BOX 1845 600 BIRD BAY DRIVE VENICE, FLORIDA 33595
PHONE (813) 485-1525

P. O. # 24174

Date: September 4, 1980

From: Guest Well Drilling Co.
6101 Porter Road
Sarasota, Fla. 33582

Project: Plantations

Job #: 301

Req. #: 1

Bldg. or Job No.	Qty	Unit	Item	Unit Price	Amount	JOB SUPT. USE ONLY Cost Code	Cost Type
Well # 3			Mobilization & setup charge		200.00		
		60'	4" P.V.C. Sch 40 well casing	4.00/ft	240.00		
		14	Sacks cement grout	7.00/sk	98.00		
			Labor to grout casing		125.00		
		180'	8" x 4" Well drilling	12.00/ft	2,160.00		
			Disinfection of well		250.00		
			Installing & running test pump		150.00		
			County & state permit		15.00		
			Complete water analysis		325.00		

7' WT

4800 GPH

Sub-Total	$ 3,563.00
Less % Retainage	$ -0-
Net Amount Due	$ 3,563.00

314

APPROVED FOR PAYMENT:

RAMAR GROUP CONSTRUCTORS, INC.

By: [signature]

Date: 9/18/80

Date Payment Due:

Guest Well Drilling Co.
(Sub Contractors Co. Name)

[signature]
(Signature of Representative)

(Date)

WHITE: ACCOUNTING YELLOW / REMITTANCE COPY

SUB-CONTRACT AGREEMENT

THIS AGREEMENT, made this 8 day of AUGUST A.D., 19 80 by and between RAMAR GROUP CONSTRUCTORS, INC. of VENICE, FLORIDA hereinafter called the "Contractor" and GUEST WELL DRILLING COMPANY

of SARASOTA, FLORIDA hereinafter called the "Sub-Contractor".

For the consideration hereinafter named, the said Sub-Contractor covenants and agrees with the Contractor, as follows:

FIRST: (a) In this contract the word "Work" shall mean the work, labor, services, materials, matters and things required to be done and furnished by the Sub-Contractor under this contract.

(b) The word "Owner" shall mean the person, firm, corporation, municipality, county, or department or agency of the State or Federal government primarily and originally contracting with the Contractor for the performance of the work.

(c) The words "Architect" or "Engineer" shall mean the Architect or Engineer or other representative of the owner under whose supervision or inspection the work is required to be done by the terms of the primary contract between the Owner and the Contractor.

(d) The words "Building" or "Structure" shall also mean and include outside utilities, sidewalks, landscaping, roads, streets and other subjects and objects of construction provided for in the primary and principal contract between the Owner and the Contractor.

(e) The "Owner" is THE PLANTATION DEVELOPMENT CO. of VENICE, FLORIDA.

(f) The Sub-Contractor agrees to provide the work required to complete and will complete the following described items of work in connection with the erection of WATER & WASTE WATER FACILITIES

, and will furnish all labor, material, scaffolding, equipment, machinery, tools, apparatus, transportation, all required shop drawings, all required samples, and shall, as often as directed by Contractor, completely clean all work and remove all debris from job site, and perform all work necessary to complete

IBSTALLATION OF 3 WELLS

all as shown and called for on the plans and described in the specifications, including addenda thereto, if any, all of which Sub-Contractor hereby acknowledges that he has read and is familiar with, entitled

THE PLANTATION 6001 S.TAMIAMI TRAIL, VENICE, FLORIDA

and including the GENERAL CONDITIONS and/or SPECIAL CONDITIONS as prepared by Architect or Engineer, POST, BUCKLEY, SCHUH & JERNIGAN THESE DRAWINGS, PLANS, SPECIFICATIONS AND ADDENDA SHALL BE kept on file in the office of Contractor, and shall be considered as part of and illustrating this agreement. The Sub-Contractor shall be bound to the Contractor by the terms of this agreement and of the Contract Documents between the Owner and Contractor and shall assume toward the Contractor all the obligations, responsibilities, terms and conditions which the Contractor, by those contract Document, assumes toward the Owner. Work shown on drawings though not mentioned in specifications, or described in specifications and not shown on drawings, shall be executed as part of this contract, and said drawings and specifications shall be construed as supplementing one another.

(g) All of the provisions of the Prime Contract between RAMAR GROUP CONSTRUCTORS, INC. AND THE PLANTATION DEVELOPMENT CO, dated are to govern the work under this Sub-Contract and Sub-Contractor is bound by all of the terms of the Prime Contract, including specifically, but not by way of limitation, all direct or indirect references to Sub-Contractor.

SECOND: (a) The Sub-Contractor agrees to proceed at once with the preparations of material and shall promptly submit shop drawings and samples, and be prepared to begin work as soon as instructed by Contractor, and shall carry on said work promptly, efficiently and at a speed that will not cause delay in the progress of Contractor's work or other branches of the work carried on by other sub-contractors. If, in the opinion of the Contractor, the Sub-Contractor falls behind in the progress of the work to be done under this sub-contract, the Contractor may direct the Sub-Contractor to take such steps as the Contractor deems necessary to improve the rate of progress, including requiring the Sub-Contractor to increase the number of shifts and/or overtime operations, days of work, amount of plant or other remedies and to submit for approval an outline schedule demonstrating the manner in which the required rate of progress will be regained, without additional cost to the Contractor. Contractor may require Sub-Contractor to prosecute in preference to other parts of the work such part or parts as Contractor may specify. Sub-Contractor shall maintain a competent and experienced superintendent or foreman on the job at all times, with authority to carry out directives of the Contractor relating to the Sub-Contractor's work or responsibility. Sub-Contractor shall at all times supply adequate tools, appliances and equipment, shall also at all times supply and promptly pay for a sufficient number of properly skilled workmen and a sufficient amount of materials and supplies of proper quality to efficiently and promptly prosecute said work, and shall promptly pay for materials furnished or used by him in said work and shall pay all workmen each week, and if required by the Contractor, shall obtain and furnish Contractor weekly with signed receipts from workmen showing the date of payment, amount paid, number of hours paid for, days on which said work was performed, and two copies of the payroll certified by Affidavit, and to complete fully the work as follows:

SEE SCHEDULE "A"

FOURTEENTH: Sub-Contractor shall give bond payable to Contractor in the sum of N/A on the form hereto attached with surety thereon satisfactory to Contractor for the faithful performance of this sub-contract.

FIFTEENTH: Sub-Contractor agrees that he shall not cause any labor disputes, including but not limited to strikes, picketing, boycotts, and slow-downs and that any labor dispute, regardless of whether the Sub-Contractor is a cause, shall not excuse the failure to perform or excuse delays in performance by the Sub-Contractor. Contractor may terminate this contract as to all or part of this contract for any breach of this agreement or failure to abide by the terms, conditions, responsibilities, or obligations assumed by Contractor to Owner in the Contract Documents. Contractor may terminate this agreement upon the filing of a voluntary or involuntary petition of bankruptcy, or if Sub-Contractor makes a general assignment for the benefit of creditors, or if insolvency proceedings of any kind are instituted by or against Sub-Contractor, or if Sub-Contractor is insolvent. It is a breach of contract if a Sub-Contractor or supplier of materials or laborer files a lien. In the event that the Sub-Contractor is in violation of his duty to perform under this contract, the Contractor may, after twenty-four hours written notice to the Sub-Contractor of his violation of this duty, have the right to take the courses of action previously outlined in Paragraph THIRD (c) and any other remedies of the contract under the Contract.

FIFTEENTH: (a) HIS SUBCONTRACTOR SHALL MAINTAIN THE FOLLOWING INSURANCE COVERAGE: A.) PUBLIC LIABILITY IN THE AMOUNT OF NOT LESS THAN $250,000 TO COVER INJURY OR DEATH TO ANY ONE PERSON IN ANY ONE ACCIDENT AND NOT LESS THAN $500,000 TO COVER INJURY OR DEATH TO TWO OR MORE PERSONS FROM ANY ONE ACCIDENT. B.) PROPERTY DAMAGE IN AN AMOUNT OF NOT LESS THAN $100,000 TO COVER THE CLAIM OF ANY ONE PERSON AND NOT LESS THAN $300,000 TO COVER THE CLAIM OF TWO OR MORE PERSONS ARISING OUT OF ANY ONE ACCIDENT.

Sub-Contractor acknowledges that the contractor and the shareholders of contractors are also affiliated with the architect and comprise some or all of the partners of, or are affiliated with, the Owner. Owner obligations shall not be created by virtue of this contract.

SIXTEENTH: Contractor agrees to pay to the Sub-Contractor for said work the sum of SIXTEEN THOUSAND, SEVEN HUNDRED AND SIXTY FOUR DOLLARS AND NINE CENTS DOLLARS($ 16,764.09) The said sum hereinafter referred to as the "Price", shall be paid by Contractor to the Sub-Contractor in current funds upon receipt of same by Contractor from Owner as follows:

As the work progresses an amount equal to ninety per cent (90 %) of the value of completed work done from month to month, which meet specification requirements, as shown by the Architect's or Engineer's or Owner's Certificate, provided that at any such time Sub-Contractor has delivered to the Contractor on the 25th day of the preceding thirty (30) days an estimate of the work performed during the month by Sub-Contractor, and provided further that the unpaid balance of the price at all times be sufficient in the judgment of the Architect, or Engineer, or Contractor, to complete the work and to pay any unpaid liens or claims for which said Contractor is responsible hereunder. It is further understood and agreed that materials stored on the site shall not be removed from the site without the written consent of the Contractor. Sub-Contractor shall submit to Contractor satisfactory evidence of payment of all indebtedness incurred for material and labor under this contract. The final payment shall be made 30 days after completing of the work, upon issuance of certificate from the Architect that the work has been done to his satisfaction, provided the Contractor has received payment for work performed hereunder from the Owner. This certificate shall be condition precedent to the right of Sub-Contractor to final payment. If at any time there shall be evidence of any lien or claim for which, if established, Contractor or Owner might become liable, and which is chargeable to Sub-Contractor, the Contractor shall have the right to retain out of any payment due or to become due, an amount sufficient to indemnify Contractor and Owner against such lien or claim and charge or deduct all the cost of defense thereunder, including reasonable attorneys' fees. Should any claim or liens develop after all payments are made, Sub-Contractor shall refund to Contractor all monies that the latter may be compelled to pay in discharging such claims or liens, including court costs and reasonable attorneys' fees incurred by the Contractor in discharging such claims or liens, or incurred in collecting said monies from the Sub-Contractor.

No progress payment made under this contract shall be conclusive evidence of the performance of this contract either wholly or in part, and no payment shall be construed to be acceptance of defective work or improper materials.

The Contractor and the Sub-Contractor for themselves, their successors, executors, administrators and assigns, hereby agree to the full performance of the covenants of this agreement.

IN WITNESS WHEREOF, they have executed this agreement the day and year first written above.

WITNESS

CONTRACTOR

RAMAR GROUP CONSTRUCTORS, INC.

By E. L. Kennedy

Title V. President Date 11 Aug 80

SUB-CONTRACTOR

GUEST WELL DRILLING COMPANY

By James R. Guest

Title Pres Date 8-14-80

SCHEDULE "A"
SUBCONTRACT AGREEMENT
BETWEEN
RAMAR GROUP CONSTRUCTORS, INC.
AND
GUEST WELL DRILLING CO.
AUGUST 8, 1980

Subcontractor shall provide all labor, materials, tools, equipment and supervision necessary to install 3 wells as shown on drawings titled: Water & Waste Water Facilities, The Plantation, Unit One, Sheets 1 thru 7, dated 4/17/80, and as specified in the technical specifications for the Plantation, Unit one, prepared by Post, Buckley, Schuh and Jernigan, Inc. Consulting Engineers and Planners, sarasota, Florida. The scope of the work shall include, but not be limited to the following:

1. All work and material shall comply with all current governing ordinances, and insepctor's requirements.

2. Layout and engineering shall be furnished by General Contractor.

3. Subcontractor will coordinate his work with Project Superintendent and other Subcontractors and trades to avoid conflicts.

4. Subcontractor will be paid on a unit price basis, according to the following unit prices:

3 - 4" Public Water Supply Wells

3 mobilization & rig setup charge @ $200.00	$600.00
Estimate 195' 4" Sch. 40 P.V.C. well casing @ $4.00/ft.	$780.00
Estimate 52 Sacks cement grout @ $7.00/sk.	$364.00
Labor charge to grout casing 3 @ $125.00/ea.	$375.00
Estimate 480' Total drilling (8"x4") @ $12.00/ft.	$5,760.00
Disinfection of 3 wells @ $250.00/ea. well	$750.00
Installing & running pump test on 3 wells @ $150.00/ea.	$450.00
3 County & State well permits @ $15.00/ea.	$ 45.00
3 Complete water analysis @ $325.00/ea.	$975.00
ESTIMATED TOTAL	$10,099.00

3 - 5 h.p. U.T.K. Submersibles - 80 g.p.m. @ 150 f.t.h.

3 Submersible goulds U.T.K. 5 h.p. @ $1,708.00/ea.	$5,124.00
150' 12" galv. pump pipe @ $2.50/ft.	$375.00
3 60' - 12 x 3 pump cable packages @ $50.30/ea.	$150.00
3 4" x 2" well seals @ $10.80/ea.	$ 32.40
3 2" check valves (AV6-20) @ $29.00/ea.	$ 87.00
3 2" gate valves @ $35.00/ea.	$105.00
3 2" galv. tess's @ $4.48/ea.	$ 13.44
9 2" x 6" galv. nipples @ $3.81/ea.	$ 34.29
3 Pressure gauges @ $4.25/ea.	$ 12.75
3 2" galv. reducing bushings @ $1.87/ea.	$ 5.61
3 2" P.V.C. female adapters @ $1.80/ea.	~~$ 5.40~~
3 3" x 2" P.V.C. reducing bushings @ $3.10/ea.	~~$ 9.30~~
30' 3" Sch. 40 P.V.C. pipe @ $2.00/ft.	~~$ 60.00~~
Misc. pipe & fittings	~~$200.00~~

5. Subcontractor shall be responsible for clean-up and removal from the job site of all debris which is a product of his work.

6. As work progresses, subcontractor may make monthly draws on work completed. Draws will be presented timely on forms provided by General Contractor. Draws presented by the 25th of the month will be paid by the 10th of the following month. All draws are subject to a 10% retainage.

TOTAL ESTIMATED CONTRACT AMOUNT $16,764.09

GUEST WELL DRILLING COMPANY

BY James R. Guest Pres.

DATE 8-14-80

RAMAR GROUP CONSTRUCTORS, INC.

BY E. L. Kennedy

DATE 11 Aug 80

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Supply Mains - Piping

UNTER'S CREEK UTILITY
RIGINAL COST STUDY
ATER DISTRIBTION AND SUPPLY LINES

Line No.	(A) Description	(B) Length in Feet Water Mains	(C) Cost of Water Lines Per Foot	(D) Total Cost of Water Lines	(E) Total Cost of Raw Water Lines	(F) Cost of Blow Off Assemb.	(G) Cost of Gate Valves	(H) Cost of Fire Hydrants	(I) Number of Double Services	(J) Cost of Double Service	(K) Total Cost of Double Service	(L) Number of Single Services	(M) Cost of Single Service	(N) Total Cost of Single Service
1														
2	Year 1982													
3	Run #1													
4	2" blow off					$300.00			16	$200.00	$3,200.00	2	$175.00	$350.00
5	4" PVC WM	45	$5.00	$247.50										
6	4" PVC WM	50	5.00	275.00										
7	4" PVC WM	35	5.00	192.50										
8	4" PVC WM	43	5.00	236.50										
9	4" PVC WM	215	5.00	1,182.50										
10	Fire Hydrant							$700.00						
11	6" PVC WM	147	7.80	1,146.60										
12	6" PVC WM	19	7.80	148.20										
13	6" PVC WM	408	7.80	3,182.40										
14	6" tee													
15	6" PVC WM	110	7.80	858.00										
16	6" tee													
17	Run #2													
18	2" blow off					replaced			2	200.00	400.00			
19	6" G.V						$315.00							
20	6" PVC WM	100	7.80	780.00										
21	6" tee													
22	Run #3													
23	2" blow off					replaced			5	200.00	1,000.00	2	175.00	350.00
24	6" PVC WM	45	7.80	351.00										
25	6" G.V													
26	6" PVC WM	25	7.80	195.00										
27	6" tee													
28	6" PVC WM	100	7.80	780.00										
29	Fire Hydrant							700.00						
30	6" G.V						315.00							
31	6" PVC WM	255	7.80	1,989.00										
32	6" tee													
33	6" PVC WM	120	7.80	936.00										
34	6" PVC WM	29	7.80	226.20										
35	Run #4 & #6													
36	2" blow off					300.00			15	200.00	3,000.00	3	175.00	525.00
37	6" PVC WM	318	7.80	2,480.40										
38	6" G.V						315.00							
39	Fire Hydrant							700.00						
40	6" PVC WM	180	7.80	1,404.00										
41	6" PVC WM	61	7.80	475.80										
42	6" PVC WM	104	7.80	811.20										
43	6" PVC WM	160	7.80	1,248.00										
44	6" G.V						315.00							
45	6" PVC WM	29	7.80	226.20										
46	6" tee													
47	6" PVC WM	46	7.80	358.80										
48	6" tee													
49	6" PVC WM	46	7.80	358.80										
50	6" tee													
51	6" PVC WM	35	7.80	273.00										
52	6" G.V						315.00							
53	6" PVC WM	243	7.80	1,895.40										
54	Run # 5													
55	2" blow off					300.00								
56	6" PVC WM	529	7.80	4,126.20					8	200.00	1,600.00			
57	6" G.V						315.00							
58	6" PVC WM	25	7.80	195.00										
59	6" tee													
60	6" PVC WM	29	7.80	226.20					5	200.00	1,000.00			
61	6" G.V						315.00							
62	6" PVC WM	241	7.80	1,879.80										
63	6" G.V						315.00							
64	Fire Hydrant							700.00						
65	Run #8 (Well #1 and Well #2 Raw Supply)													
66	3" PVC WM	505	5.00		2,525.00									
67	3" PVC WM	1500	5.00		7,500.00									
68	Main@WTP													
69	8" PVC WM	290	9.75	2,827.50										
70														
71	Totals 1982 Water Costs			$31,512.70	$10,025.00	$900.00	$2,520.00	$2,800.00	51		$10,200.00	7		$1,225.00
72														

ACTUALS
PER MAPS
OF SYSTEM

DESOTO LAKE DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

STORM SEWERS	Units	Price	Amount
24x35	275 lf	38.00 lf	10,450.00
18" CMP	40 lf	18.50 lf	740.00
24" CMP	1 lf	27.50 lf	27.50
27" CMP	93 lf	30.50 lf	2,836.50
Catch Basins	6	800.00 ea.	4,800.00
			18,854.00
Less Materials on hand			18,000.00
Total Storm Sewers			854.00
WATER			
3" PVC WM	1870 lf	5.00 lf	9,350.00
8" PVC WM	800 lf	9.75 lf	7,800.00
6" PVC WM	1732 lf	7.80 lf	13,509.60
6" GV	6	315.00 ea.	1,890.00
2" Blowoff	1	300.00 ea.	300.00
Services-Double	21	200.00 ea.	4,200.00
Services-Single	4	175.00 ea.	700.00
			37,749.60
Less Materials on hand			9,700.00
Total Water			28,049.60
ROADS			
12" Sub Base	8363 sy	2.45 sy	20,489.35
			20,489.35
SANITARY SEWER			
Services-Double	24	285.00	6,840.00
Services-Single	2	260.00	520.00
Lift Station	1070	25,000.00	2,500.00
			9,860.00
Less Materials on hand			10,500.00
Total Sanitary Sewer			(640.00)
WATER TREATMENT PLANT	1070	270,000.00	27,000.00
Less Materials on hand			8,000.00
Total Water Treatment Plant			19,000.00
EXCAVATION	15,000 cy	1.20 cy	18,000.00
TOTAL BILLING			85,752.95

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Supply Mains – Flow Meters

COST OF FLOW METER	$ 480
FREIGHT COST OF FLOW METER	10
INSTALLATION COSTS OF FLOW METER	285
TOTAL COST FLOW METER	775
NUMBER OF WELLS	x 2
TOTAL COST OF FLOW METERS	$ 1,550

INVOICE

PUMPING SYSTEMS, INC.

11311 HARRY HINES #404 • DALLAS, TEXAS 75229 • PHONE (214) 241-0725

SOLD TO

Ramar Group Constructers, Inc.
6001 South U.S. 41
Venice, FL 33595

SHIPPED TO

-30-81	Fac. Direct	35129	Dallas, Tx 2%-10 NET 3	003886

ACCOUNTS PAYABLE NOV 18 1981 PROCESSED

1	McCrometer #M0406 6" Flow Meter	436.00
	plus 10% Restocking charge for weld on stub-	43.60
	incorrectly opened, Return stub to:	479.60
	McCrometer	
	3255 W. Stetson Ave.	
	Hemet, CA 92343	
	ATTN: Lloyd	

03 077

+10.-

2% or $8.72 discount allowed if paid by 10-10-81

Discount not allowed if paid past discount date.

ACCT #354*
OK

PROCESSING
O/L # 35129
JOB # 3013
COST CODE 2.660
COST TYPE 2
PAY ITEM
EQP. #
DATE 10.6.81
APPROVED Jill

"FREIGHT CHARGES TO FOLLOW"

OCT 1981 RECEIVED Ramar-Group Constructors, Inc.

THANK YOU *Only flow meter I know of

Invoice

PUMPING SYSTEMS, INC.
12311 HARRY HINES, #404
DALLAS, TEXAS 75229

No. 3922
Date 10-15-81

Your Order No.

Sold To Ramar Group Construction, Inc.
6001 South U.S. #41
Venice, FL 33595

Shipped to

Your Order No.	Salesman	Terms	F.O.B.	Date Shipped	Shipped Via
		Net 10 days			

Quantity Ordered	Quantity Shipped	Stock Number/Description	Unit Price	Unit	Amount
		REF: Invoice # 3886			
		Freight charges on flow meter.			$10.78

ACCOUNTS PAYABLE
NOV 18 1981
PROCESSED

014

03 076

PROCESSING
G/L # 35129
JOB # 901
COST CODE 2.660
COST TYPE 2
PAY ITEM
EQP. #
DATE 11-9-81
APPROVED

OCT 1981
RECEIVED
Ramar-Group Constructors, Inc.

GROUP CONSTRUCTORS, INC.

THIS ORDER NUMBER ... ALL CORRESPONDENCE, INV... AGES AND SHIPPING PAPERS.

P.O. BOX 1845 600 BIRD BAY DRIVE VENICE, FL. 33595
TELEPHONE (813) 485-1525

PURCHASE ORDER

NO. 36698

To: AMERICAN PLUMBING
4233 Clark Rd., Suite #20
Sarasota, Florida 33583

Job No.: Item

Job Name: Plantation

Ship To: PLANTATION
6001 South Tamiami Trail
Venice, Florida 33595

Date: 10/28/81

THIS PURCHASE ORDER IS SUBJECT TO THE INSTRUCTIONS AND PROVISIONS LISTED ON THE REVERSE SIDE.

SHIP VIA	F.O.B.	TERMS	DELIVERY REQUIRED

COST CODE	COST TYPE	PAY ITEM	EQUIPT. NO.	PER YOUR QUOTATION	PROMISED DELIVERY DATE & DESTINATION
Item	4				

QUANTITY	PART NO. OR DESCRIPTION		PRICE PER	AMOUNT
JOB#314	W.O.#5038-A.V. #23-Refrig. line	CC#15.100		169.00
JOB#028	W.O.#5037-Pro Shop-drain lines	CC#101.171		146.00
JOB#314	W.O.#4218-A.V. #25-Replace closet seat	CC#15.100		22.00
JOB#314	W.O.#4217-A.V. #52-Replace closet seat	CC#15.100		22.00
JOB#~~314~~ 313	W.O.#4215-A.V.#51&52-Sewerline stoppage	CC#~~15.100~~ 2.660		1,116.00
JOB#~~314~~ 313	W.O.#4214-A.V.#53&54-Repair sewerlines and waterlines	CC#~~15.100~~ 2.660		486.00
JOB#~~313~~ 304	W.O.#4213-Install water meter in main line on well	CC#2.660		285.00
[redacted]				

PROCESSED
NOV 12 1981
ACCOUNTS PAYABLE

JOB#314 - 1,815.00
JOB#028 - 146.00
JOB#313 - 285.00
JOB#318 - 45.00
Total 2,291.00

Confirming - do not duplicate

	SUB-TOTAL	2246.00
	4% FLA. SALES TAX	[redacted]
	TOTAL	n/a
		[redacted]

RAMAR GROUP 2246.00

By: [signature]

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

High Service Pumping Equipment

TOTAL COST OF PUMP	$1,445
✓ ✓ ✓ PARTS	15
COST OF LABOR TO INSTALL	540
TOTAL COST PER PUMP	$2,000 —
TOTAL NUMBER OF PUMPS	2
TOTAL COST OF PUMPS	4,000.00

Post Office Box 155
Laurel, Florida 33545

HARN CONSTRUCTION CO.

RESIDENTIAL — COMMERCIAL — UTILITY

"Where Dream Homes Become Reality"

GENERAL CONTRACTOR

ACCOUNTS PAYABLE

STATE OF FLORIDA CERTIFICATE #G-01075 BONDED AND INSURED

May 20, 1981

PROCESSED
JUN 05 1981
ACCOUNTS PAYABLE

Ramar Group Companies
c/o Philip Ohman
600 Bird Bay Plaza
Venice, Fla. 33595

STATEMENT

RE: Purchase Order 31237 - The Plantation

Furnish & Deliver:

1 - Peerless 2½ x 2 High Service Pump
model # C-820M
301/25.257/2 As per Quote..... $ 1388.00
Sales Tax..... 55.52

$ 1443.52 — 15 064 — $ 1443.52

Rebuild Existing Pump with New Liquid End
and Seal;
301/25257/2 As Per Quote on Parts.....$ 298.47
Sales Tax 11.94

$ 310.41 — 310.41

Labor:
Install New Pump, Remove, Rebuild
& Reinstall Existing Pump.
36 Hours @ $ 20.00 — 720.00

$ 2473.93

1 - 2½" Companion Flange for Space Pump.....$ 9.28
1 - 2½" x 2½" Nipple..... 5.45
$ 14.73
Sales Tax..... .59

$ 15.32 — 15.32

COST ABOVE 1,415 —
INSTALLATION 27 HOURS @ $20 540 —
TOTAL COST PER PUMP $ 2000 —

$ 2489.25

Thank you.

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Water Treatment Equipment (1982)

TOTAL COST OF WATER TREATMENT EQUIP. INCLUDING HIGH SERVICE PUMPING	$114,780
LESS HIGH SERVICE PUMPING	<4,000>
NET COST OF WATER TREATMENT EQUIPMENT	$110,780

THE AGRI-PUMP SYSTEMS, INC.
P. O. Box 6851
Fort Myers, Florida 33901
(813) 482-7811

942-1143

8 January 1981

639-5301
Zelon

Loreda Development Inc.
910 Kings Highway
Lake Suzy, Fla. 33821

Att: Mr. Dave Sheppard

Re: ALTERNATE PROPOSAL FOR WATER TREATMENT SYSTEM FOR HUNTER CREEK VILLAGE LTD.

Dear Dave,

Please find enclosed, our proposal for the Hunter Creek Village LTD. water treatment system.

If you have any questions regarding the information contained herein, please call me.

Sincerely,

Mark Markley

Mark Markley
President

MM:jm

what does heat do
Can it be replaced?
30hp pump to 20hp.

Sulfides

Permit - 305.

.041 007 # [illegible]
+ 1½

Proposal

THE AGRI-PUMP SYSTEMS, INC.
P. O. Box 6851
Fort Myers, Florida 33901
(813) 995-3512

ALTERNATE PROPOSAL

PROPOSAL SUBMITTED TO: Loreda Development, Inc.	PHONE: 629-5007	DATE: Jan. 8, 1981
STREET: 910 Kings Highway	JOB NAME: Hunter Creek Village LTD.	
CITY, STATE AND ZIP CODE: Lake Suzy, Fla. 33821	JOB LOCATION: Kings Highway	
ARCHITECT: Att: Mr. D. Sheppard / DATE OF PLANS:	Pt. Charlotte, Fla.	JOB PHONE:

We hereby submit specifications and estimates for:

Agri-Pump Systems, Inc. agrees to furnish, install and test equipment and systems per the provisions of the attached proposal, section two and exhibits dated January 8, 1981, for a lump sum price of one hundred and twenty one thousand and two hundred dollars ~~($121,200.)~~ $114,780

TIME TO COMPLETION

The time required to complete the work specified herein is ninety (90) calander days from the date of acceptance of the proposal by the owner.. The contractor's proposed time to completion is predicated on estimated R.O. skid delivery and owner's completion of owner furnished items as defined in section two of the proposal.

TERMS OF PAYMENT

Initial payment - Upon acceptance of proposal - amount of payment due - $35,000.

2nd payment - State construction permits approved settling tanks, pumps (except R.O. feed pump) partial control system components and partial piping gallery components on site. Amount of payment due - $30,000.

Stor. - add $10,000
Figure - $7500/perm. in futu

We Propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:

_____ dollars ($ _____).

Payment to be made as follows:

ABOVE

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature: Mark Markley, Pres. — Mark Markley

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _____

Signature _____

Date of Acceptance: _____

Proposal

THE AGRI-PUMP SYSTEMS, INC.
P. O. Box 6851
Fort Myers, Florida 33901
(813) 995-3512

ALTERNATE PROPOSAL

PROPOSAL SUBMITTED TO: Loreda Development, Inc.	PHONE: 629-5007	DATE: Jan. 8, 1981
STREET: 910 Kings Highway	JOB NAME: Hunter Creek Village LTD.	
CITY, STATE AND ZIP CODE: Lake Suzy, Fla. 33821	JOB LOCATION: Kings Highway	
ARCHITECT: Att: Mr. D. Sheppard / DATE OF PLANS:	Pt. Charlotte, Fla.	JOB PHONE:

We hereby submit specifications and estimates for:

3rd Payment - Partial R.O. systems on site, piping gallery installed settling tank and pressure tank installed and connected to system. High service pumps installed. Amount of payment due -

$30,000.

4th Payment - R.O. skid installed, systems inter-connection test completed. Amount of payment due -

$26,200.

OPTIONS

1. Change pressurize storage (total volume 15,000 gallons, total usable volume = 4,500 gallons) to accommodate ultimate fire flow. Add to base alternate proposal - $8,500.

2. Add cleaning system - module or Macro Pak. Add to base proposal - $1,725.

3. Add test equipment. Add to base alternate proposal - $1,150.

875

We Propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:

_____ dollars ($ _____).

Payment to be made as follows:

ABOVE

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature: Mark Markley, Pres.
Mark Markley

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _____

Signature _____

Date of Acceptance: _____

SECTION TWO - A

PROPOSED WATER TREATMENT SYSTEM

1. GENERAL - The proposed potable water treatment system defined in this section is developed to meet the specific design criteria outlined in section one herein. Portions of the treatment, pumping, control and water storage systems defined in this section are identified for the ultimate project capacities, while other portions are identified for interim capacity requirements only. It is assumed that interim capacity "works" will be expanded to ultimate capacities at a point in time when project build out warrants system expansion.

2. WATER SUPPLY (WELLS)

Water supply wells, pumps and well appurtenances, associated piping and electrical wiring, and remote electrical power controls at the well site and from the well site to the water treatment plant building, are excluded from this proposal.

3. WATER TREATMENT UNITS - Defined in exhibit two herein, pages 1-13, will be furnished and installed by the contractor.

3.1 EXCLUSIONS

3.1.1 SITE AND BUILDING - Treatment plant site preparation, security and restoration are excluded from this proposal. The owner will provide a building capable of containing the treatment units and applicable controls, interconnecting piping and wiring. The building shall be of sufficient size and proper configuration to provide for equipment installation and service, proper lighting and ventilation, adequate floor drainage and sturctural support for equipment, and water testing facilities.

3.1.2 BUILDING ELECTRICAL POWER SUPPLY AND DISTRIBUTION - Electrical power supply and distribution as required for treatment unit and control system power and auxillary and convenience power and lighting are excluded from this proposal.

Revised - 1-8-81

3. WATER TREATMENT UNITS (cont.)

3.2.3 - CONTRACTOR REQUIREMENTS - The contractor shall furnish the owner with "single-line sketches" depicting preferred building size and equipment locations together with equipment and control power supply sizes and preferred locations.

The contractor furnished sketches defined in this paragraph will not be intended as construction documents.

3.3.4 - BRINE WASTE PIPING AND DISCHARGE STRUCTURE - The brine waste piping (2" Sch. 40 P.V.C.) and applicable discharge structure are excluded from this proposal.

4. WATER STORAGE UNITS (see Exhibit three)

4.1 - NON-PRESSURIZED STORAGE - INTERIM ONLY #5000

Furnish and install two (2) pre-fabricated re-enforced concrete 5,000 gallon capacity tanks (total 10,000 gallon capacity) with applicable piping, valving and level controls. All exposed tank surfaces will be coated with two (2) coats of approved P.V.A. paint. Poly Vinyl Acrylic

4.2 - PRESSURIZED STORAGE - ULTIMATE - Furnish and install a welded steel 5,000 gallon, horizontal, hydropneumatic pressurized storage tank complete with appropriate gaging and valving, an access cover, level controls, saddles and an "Add-Air" system. The tank shall have a 40-60 PSI working pressure and shall be rated at 125 PSI maximum pressure. The tank shall be "innertol" finished on the interior and have a primed exterior.

4.3 - EXCLUSIONS - Storage unit site preparation, site security and site restoration are excluded from this proposal.

5. PRESSURIZATION SYSTEM - ULTIMATE

5.1 - Furnish and install two (2) high service pumps, 208 GPM @ 160' TDH each (see exhibit five) complete with isolation valving, interconnecting piping, pump starters and controls.

5.2 - EXCLUSIONS - High service pump electrical power supplies to pump starters are excluded from this proposal.

6. CONTROL SYSTEMS (cont.)

6.5.3 - CONTROLS

6.5.3.1 - LEVEL - Settling tank level controls will be the mercury encapsulated type and pressure tank level controls will be the inductive type.

6.5.3.2 - PUMP FLOW - Pump flow sensors will be paddle type.

6.5.3.3 - TREATMENT SYSTEM - Treatment system controls will be as shown in exhibit two.

6.5.3.4 - OTHER - Pump on-off and overload controls will be in accordance with N.E.C. and applicable pump manufacturers recommendations.

7. PIPING AND PLUMBING SYSTEM COMPONENTS

All water piping furnished and installed by the contractor will be schedule 40 PVC, NSF, PW, unless otherwise specified. Valves will be per applicable AWWA specifications.

8. ELECTRICAL WIRING - All electrical wiring furnished and installed by the contractor shall be per N.E.C. and applicable local regulations.

9. SYSTEMS TESTS - All systems furnished and installed by the contractor will be tested incrementally and in complete form by the contractor as required to demonstrate the proposed system conformance to the design parameters contained in section one and the furnished unit performance specifications contained in section two herein.

10. BACTERIOLOGICAL TESTS - The contractor shall provide for the disinfection and bacteriological clearance of contractor furnished and installed equipment. The contractor is not responsible for the bacteriological quality of the raw (well) water after reasonable and diligent effort has been made by the contractor to disinfect systems furnished and installed by him.

11. DRAWINGS, DATA, PERMITS AND CERTIFICATIONS - The contractor shall provide shop drawings, systems drawings and specifications for the works proposed to be furnished and installed by the contractor. Works to be provided by the owner under the exclusions to this proposal and not otherwise required as a part of the contractor's permitting requirements are excluded from this proposal. State required permits and certifications requiring the services of Florida registered engineer are excluded from this proposal.

12. EXCLUSIONS - Exclusions to this proposal as defined in section two, complete, are the sole responsibility of the owner. The contractor assumes no liability for the provisioning of items specifically excluded from the proposal.

13. CONTRACT COMPLETION - The contractor's work shall be considered complete when the contractor proposed works have been installed and systems tests and certifications per section two, paragraphs 9, 10 and 11, herein, have been completed.

14. GUARANTY - The contractor warrants all works furnished and installed by the contractor against defects in workmanship and defects in material, in the manufacture and installation of works, and within the systems and systems components use and maintenance specifications, for one year from the date of installation. The contractor is not responsible for component or systems failures as a result of acts of God, equipment mishandling, improper operation and/or maintenance by unqualified personnel engaged by the owner.

END SECTION TWO

THE AGRI-PUMP SYSTEMS, INC.
P. O. Box 6851
Fort Myers, Florida 33901
(813) 482-7811

EXHIBIT ONE

WATER SUPPLY CHEMICAL ANALYSIS FOR EXISTING WELLS - PER TELECON GEN. DEV. UTILITIES - 1/2/81 - LOREDA DEVELOPMENT

HUNTER CREEK

COLOR	7.0	
TDS	1253	AVG.
CHLORIDES	456	AVG.
ALKALINITY	121	ppm
FLUORIDE	1.12	"
PH	7.75	
SILICA	9.32	ppm
POTASSIUM	7.92	"
TOTAL PHOSPHATE	.212	"
MAGNESIUM	121	"
CALCIUM AS CA	65.6	"
SODIUM	97.7	"
IRON AS FE	0.02	"
NITRATE	LESS THAN .003	"
SULPHATE	27.2	"
SULFIDE	1.4 to 2.0	"

EXHIBIT TWO -

Proposal 1-8-81

PERMUTIT FLUID TREATING EQUIPMENT

SPECIFICATIONS OF ADDITIONAL ASSETS

Integral with the basic specifications for this fluid treating equipment are a number of intangible assets which contribute materially to its successful performance. These include:

Experienced Field Engineering

Permutit field sales engineers are college graduates, many with advanced engineering degrees and professional licenses. Such mature engineering experience is responsible for the most efficient process and design concepts in the industry. This exclusive Permutit asset is available to serve you at all times.

Full Coverage Field Service

Wherever your plant is located, Permutit Service is available. Permutit's staff of full time Field Service Men is the largest in the water treating industry and the most experienced. This exclusive Permutit asset is your insurance of satisfactory operation at all times.

Quality Standards

The equipment described in this proposal will be designed and fabricated in accordance with Permutit Standards which are recognized as highest quality and accepted as industry criteria.

Controlled Manufacture

Permutit is the only producer of fluid treatment equipment that manufactures its own ion exchange resin as well as the equipment in which it is used. In addition, it produces in its own plants such specialty equipment as multiport valves, controls and panels, meters, valves, preassembled systems, etc. No other water treating company manufactures as extensively as does Permutit. This is your assurance of highest possible quality control.

Experience

Permutit offers more than 50 years experience in the design and manufacture of water treating equipment; the most extensive in the industry. It is reflected in advanced design and product superiority. Leadership in development is indicated by Permutit introduction of the:

First Zeolite Water Softeners
First Acid Regenerated and Cation Exchange System
First Automatic Ion Exchange System
First Anion Exchange System
First Demineralizer
First Neutralizing Filter
First Automatic Valveless Gravity Filter
First Upflow Sludge Blanket Softener-Coagulator
First Silica Removal Process for Boiler Feed Water.

EXHIBIT TWO

Proposal 1-8-81

GENERAL

Permutit Company proposes to furnish one complete Reverse Osmosis System to produce ultimately 80,000 gallons per day of product. All components have been sized for the ultimate flow condition except that membrane has been deleted so that the system will produce 32,000 gallons per day, initially. Membrane may be added in 16,000 GPD increments up to the ultimate system capacity. The system is designed to operate at 200-250 psi feed pressure and it is assumed that the feed water will allow this.

Specifically, the following components are included:

a) Acid feed system
b) Sodium hexameta-phosphate feed system
c) Micron cartridge filter
d) R.O. skid, including membrane and 316SS Goulds pump.
e) Post-treatment systems, including caustic feeder and degasifier.
f) Single train wall mounted control panel.
g) Cleaning system - OPTIONAL
h) Test equipment - OPTIONAL

1114-1106

EXHIBIT TWO

Proposal 1-8-81

POLYPHOSPHATE FEED SYSTEM

One (1) - Packaged polyphosphate feed system Permutit #PPF 187-16189 containing one ~~(1)~~ ~~Wallace & Tiernan~~ Series 12000 Precision metering pump; maximum capacity 20 gpd with plastic liquid ends or equal.

One (1) - Polyethylene tank with cover 50 gallon capacity.

One (1) - Suction strainer foot valve.

One (1) - Liquid low level switch.

One (1) - Mixer with ¼ hp motor.

Pump, mixer and level switch are designed for 110 volts, 60 Hz single phase electrical power.

10 ft. of discharge tubing and a suction pipe are provided.

ACID FEED SYSTEM

One (1) - Packaged acid feed system Permutit #PPA 187-16184 containing one ~~(1)~~ ~~Wallace & Tiernan~~, Series 12000 Precision metering pump; maximum capacity 20 gpd with plastic liquid ends.

One (1) - Polyethylene tank with cover 50 gallon capacity.

One (1) - Suction strainer foot valve.

One (1) - Liquid low level switch.

Pump, mixer and level switch are designed for 110 volts, 60 Hz., single phase electrical power.

10 ft. of discharge tubing and suction tubing are provided.

OPTIONAL:

Antisyphon injection nozzle X included or ------ not included for ~~Wallace and Tiernan~~ Precision Acid Feed system.

EXHIBIT TWO

Proposal 1-8-81

MICRON FILTERS

One (1) — Filter Housing(~~s~~) Facet, or equal, epoxy coated inside and out, carbon steel.

Permutit No. 187-16858
Maximum flow capacity 75 gpm
Flow capacity per unit 75 gpm
X Non-code 200# construction
____ ASME Code 150# construction
Inlet and discharge connections
____" ~~Flanged~~ / 2 " NPT

Two (2) — Pressure gauges, stainless steel material of construction.

Two (2) — Changes of micron filter elements, all polypropylene construction (nominal 10 micron rating).

EXHIBIT TWO

Proposal 1-8-81

PermuRO I MacRO MODEL BDK-12-A6

Capacities (in U.S. Gallons)

Plant Feed Rate	44.4	GPM
Plant Production	22.2	GPM
Nominal Conversion (Recovery)	50	%
Nominal Operating Pressure	200-250	PSIG
Design Water Temperature	77	°F.
Positive Permeate Backpressure (Max.)	50	PSIG
Number of Modules	One	

Standard Membrane Specification

____ Dupont B-9 Model 0840-_____ hollow fiber type aromatic polyamide membrane, encased in an 8" dia. x 48" lg. FRP shell.

X Dowex ~~RO~~ XFS-416.16L ~~XFX~~ hollow fiber type cellulose triacetate membrane, encased in an epoxy coated steel shell.

Minimum salt rejection for both membranes is 90% based on 1500 ppm NaCl solution at 400 psig operating feed pressure, 75% water recovery and 77°F. operating temperature.

Unit (Pak) Specification

Two Permeators as specified above.

One (1) Multistage centrifugal pump, Goulds Model 3335 Size HDB-210, coupled to a 30 HP, 460 Volt, 3 phase, 60 Hz., ODP motor.

Two (2) Pressure switches, one for pump suction and one for permeator inlet header

One (1) Pump throttle valve, ball type, 304 S.S. construction.

One (1) Reject control valve, ball type, 304 S.S. construction.

One (1) Lot of reject high pressure mini-probe sample connections, 316 S.S. construction.

One (1) Lot of product sample needle valves.

One (1) Lot of Victaulic type flush connections.

EXHIBIT TWO

Proposal 1-8-81

PermuRO I MacRO MODEL _____(Continued)

Six (6) Stainless steel glycerine damped pressure gauges will be provided at the pump inlet, discharge, 1st stage inlet header, 2nd stage inlet header (if provided), concentrate (reject) header, and the permeate (product) header.

High pressure piping will be 304 S.S. construction. Low pressure piping will be PVC construction.

All connections to the permeators will be either high or low pressure tubing.

One (1) Conductivity monitor and insertion type cell, automatic temperature compensate, Balsbaugh Model 500, or equal.

Two (2) Rate of flow indicators for Total Product, for Total Reject direct reading type.

One (1) Pump motor starter, NEMA 4 type enclosure with hand-off-auto switch.

All the above to be preassembled on a single polyurethane painted structural steel skid as shown on Drawing_____, _____" lg. x _____" wd., _____" hg.

OPTIONAL ACCESSORIES

Leeds & Northrop Model 7075 pH indicator with cell for feedwater monitoring.

EXHIBIT TWO

Proposal 1-8-81

PermuRO CONTROL PANEL

The PermuRO Control Panel was designed to provide standard controls for all Permutit R.O. systems.

Three units are available based on the number of trains (control blocks) in the system. A maximum of three trains can be controlled with this system. The unit selected for your application is:

Single _x_ Train Panel
Dual ___ Train Panel
Triple ___ Train Panel

The enclosure components for these units are detailed below:

Enclosure:	- approx. 24" hg. x 24" wd. x 8" dp. (for wall mounting) conforms to NEMA Type 4 intended for use indoors or outdoors to protect the enclosed equipment against splashing water, seepage of water and falling or hose-directed water.
Control Voltage Required	- 110/120 V.A.C. 50/60 Hz
Relays	- 110/120 V.A.C. 50/60 Hz 2-SPDT contacts rated 10 amps, dust cover, octal plug
Time Delay Relays	- 110/120 V.A.C. 50/60 Hz 2-SPDT contacts rated 10 amps, dust cover, octal plug, knob adjustable 1-180 sec.
Timers	- 110/120 V.A.C. 50/60 Hz 2-SPDT contact rated 5 Amps Knob adjustable 1 sec to 1 hr.
Selector Switches & Switches	- Heavy duty, rated 600 volts Maximum NEMA 4
Annunciator Display Box	- Window Size: 12/16" x 2-1/2" NEMA 4 glass cover, sequence: ISA-1C
Alarm Horn	- 110/120 V.A.C. 50/60 Hz
Terminals	- Tubular Clamp Type
Wire	- #14 MTW

Proposal 1-8-81

TYPICAL SINGLE TRAIN CONTROL PANEL

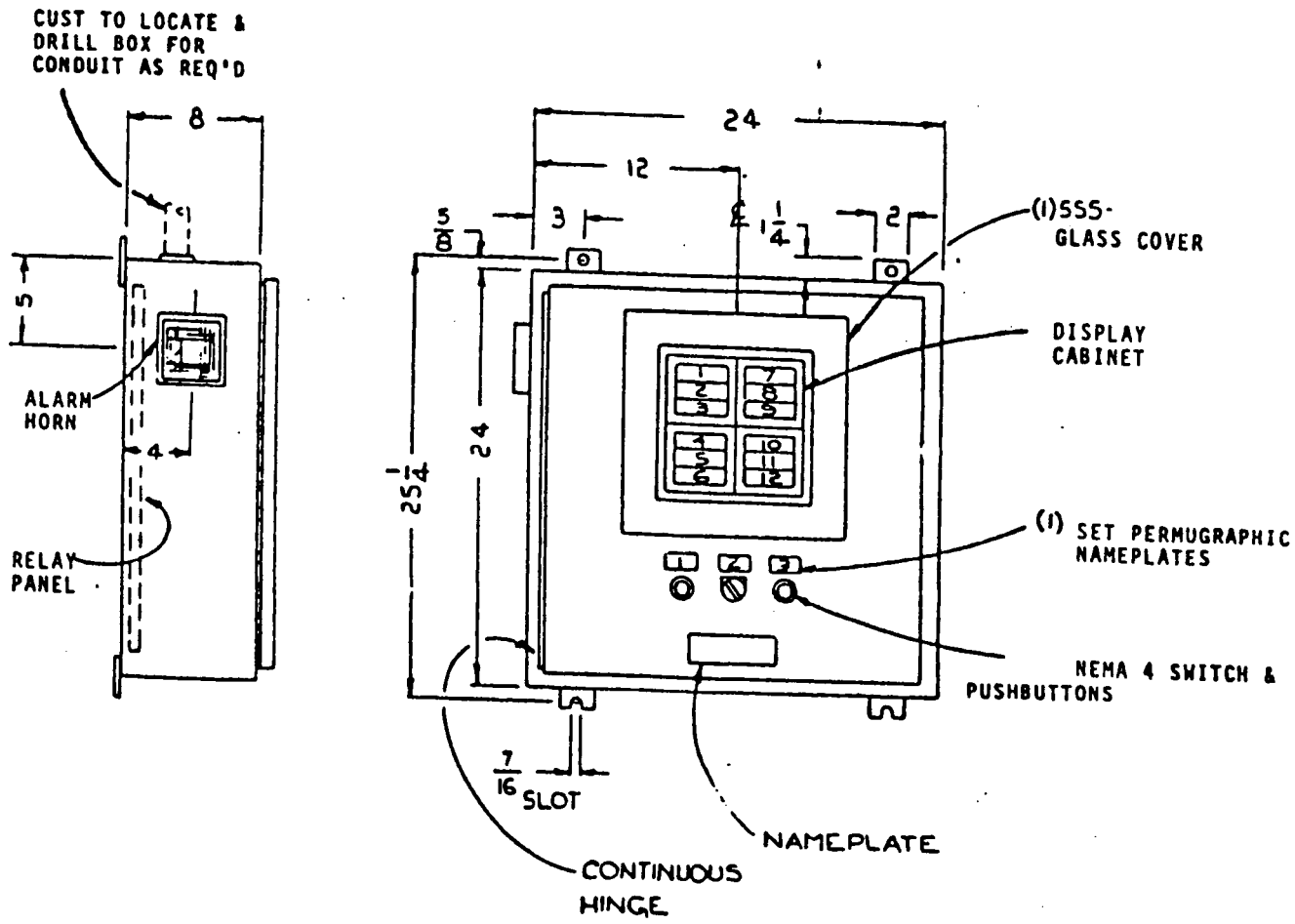


EXHIBIT TWO

Proposal 1-8-81

POST TREATMENT SYSTEMS

CHEMICAL FEED SYSTEM

One (1) - Packaged Caustic feed system Permutit #PPF 187-17823 containing one (1) ~~Wallace & Tiernan~~ 12,000 Precision metering pump maximum capacity 60 GPD with plastic liquid ends or equal.

One (1) - Polyethylene tank with cover 100 gallon capacity.

One (1) - Suction strainer foot valve.

One (1) - Liquid low level switch.

One (1) - Mixer with 1/4 H.P. motor.

Pump, mixer and level switch are designed for 110 volts, 60 Hz., 1 phase electrical power.

10 ft. of discharge tubing and a rigid suction pipe are provided.

DEGASIFIER

As a result of acidification of the raw water, free CO_2 content is increased. This dissolved gas, as well as the hydrogen sulfide dissolved in the raw water, passes through the Reverse osmosis membrane. These gases are driven off to atmosphere by a forced-draft degasifier.

CAPACITY	80,000 GPD (55 GPM)
OUTER TANK	Round
DIMENSIONS	24" dia. x 14'6" high
TANK MATERIAL	Molded FRP, segmented construction, white outer finish.
PACKING MATERIAL AND DEPTH	10 ft. PVC honeycomb
SCREENED VENT	Included
BLOWER	Included, 500 cfm, 110v. motor
MISCELLANEOUS	Also included are PVC connecting duct work between blower and tower and guy wire connections.

EXHIBIT TWO

Proposal 1-8-81

PermuRO I PERFORMANCE GUARANTEE

Satisfactory operation of the PermuRO Reverse Osmosis system is dependent upon water temperature, pressure, pH, dissolved solids concentration and SDI as well as proper operation of the proposed pretreatment equipment. When the system is operated in accordance with our instructions, it will provide the following results:

Percent Total Dissolved Solids* Rejected -	90%
Product Water Flow Rate (gpd)	32,000

at these operating conditions:

Feed solution	- Page___ Column___
Silt Density Index (SDI)	- Less than 3
Design Water Temperature (°F.)	- 77
Nominal Inlet Pressure (PSIG)	- ~~250~~
Nominal Percent Water Conversion	- 50 ?

Product water flow capacity is a direct function of water temperature. For water temperatures below 77 °F., to a minimum of 32°F., the flow capacity will be reduced. For water temperatures above 77 °F. to a maximum of 95 °F. the flow capacity will be increased. The long term effects of water temperature and high ambient temperature (greater than 95°F.) variations are subject to flux decline corrections.

The maximum free chlorine tolerance is 1.0 ppm.

Based on the above operating conditions, the stated performance is that expected at the end of 3 years. The integrity of the permeator is fully guaranteed for one year, as defined in the "Permeator Material and Workmanship Warranty" page. The remaining 24 months of membrane performance is guaranteed on a pro rata basis.

Permutit reserves the right to inspect the system and make operation recommendations prior to replacement or addition of membrane under the conditions of the guarantee. All permeators replaced or added to the system will be guaranteed for material and workmanship as defined in "Permeator Workmanship and Material Warranty" and will be assigned the original guarantee date of the system for long term performance regardless of when they are installed in the system.

---

*Total Dissolved Solids determined by Standard Methods 14th Edition, Method 208C "Total Filterable Residue Dried at 103-105°C.".

EXHIBIT TWO

Proposal 1-8-81

PermuRO I PERFORMANCE GUARANTEE (Continued)

Shutdown periods in excess of two consecutive days will require special maintenance to prevent bacterial growth in accordance with prescribed operating instructions.

Permutit PermuRO Systems incorporate cartridge filters for removal of gross particulate matter ahead of the Reverse Osmosis permeators. Also included are facilities for applying periodic cleansing treatments to the membrane. Ordinarily, these facilities will enable the PermuRO equipment to operate at high efficiency with minimal daily attention. However, if the amount or type of impurities in the feed water is such as to require excessive treatments, additional pretreatment equipment may be required at Purchaser's expense.

Our guarantee is conditional on the Purchaser's:

1. Providing competent personnel for the operation of the system.

2. Following prescribed operational procedures and cooperating with updating suggestions.

3. Maintaining specified log sheets (supplied by Permutit) on the operation of the equipment and forwarding these weekly to Robert Osmond of the Permutit Customer Service Department for review.

Guarantee period commences from whichever of the following events occurs first:

a. Commercial start-up of the system.

b. 120 days from date of shipment from Permutit manufacturing facilities in Lancaster, Pennsylvania for pre-assembled systems.

c. 120 days from date of shipment from membrane manufacturer's plant for field assembled systems.

The liability of Permutit under this guarantee is limited to the replacement or addition of permeators to restore the system to its original guaranteed condition.

What about rest of system?

EXHIBIT TWO

Proposal 1-8-81

PERMEATOR MATERIAL AND WORKMANSHIP WARRANTY

The Permutit Company, Inc. hereby warrants to the Purchaser each permeator(s) against defects in material and workmanship under normal conditions of usage and service for one (1) year from whichever of the following events occurs first:

a) Commercial start-up of the system.

b) 120 days from date of shipment from Permutit manufacturing facilities in Lancaster, Pa. for pre-assembled system.

c) 120 days from date of shipment from the membrane manufacturer's plant, for field-assembled systems.

Upon notification of the Manufacturer's evaluation of the returned Permeator(s), the Purchaser shall have 30 days in which to respond in writing to Permutit as to its disposition. If the Purchaser fails to notify Permutit within this 30 day period, the Manufacturer shall have the options to discard the Permeator(s) or to return the Permeator(s), if considered usable, to the Purchaser, F.O.B. Manufacturer's location.

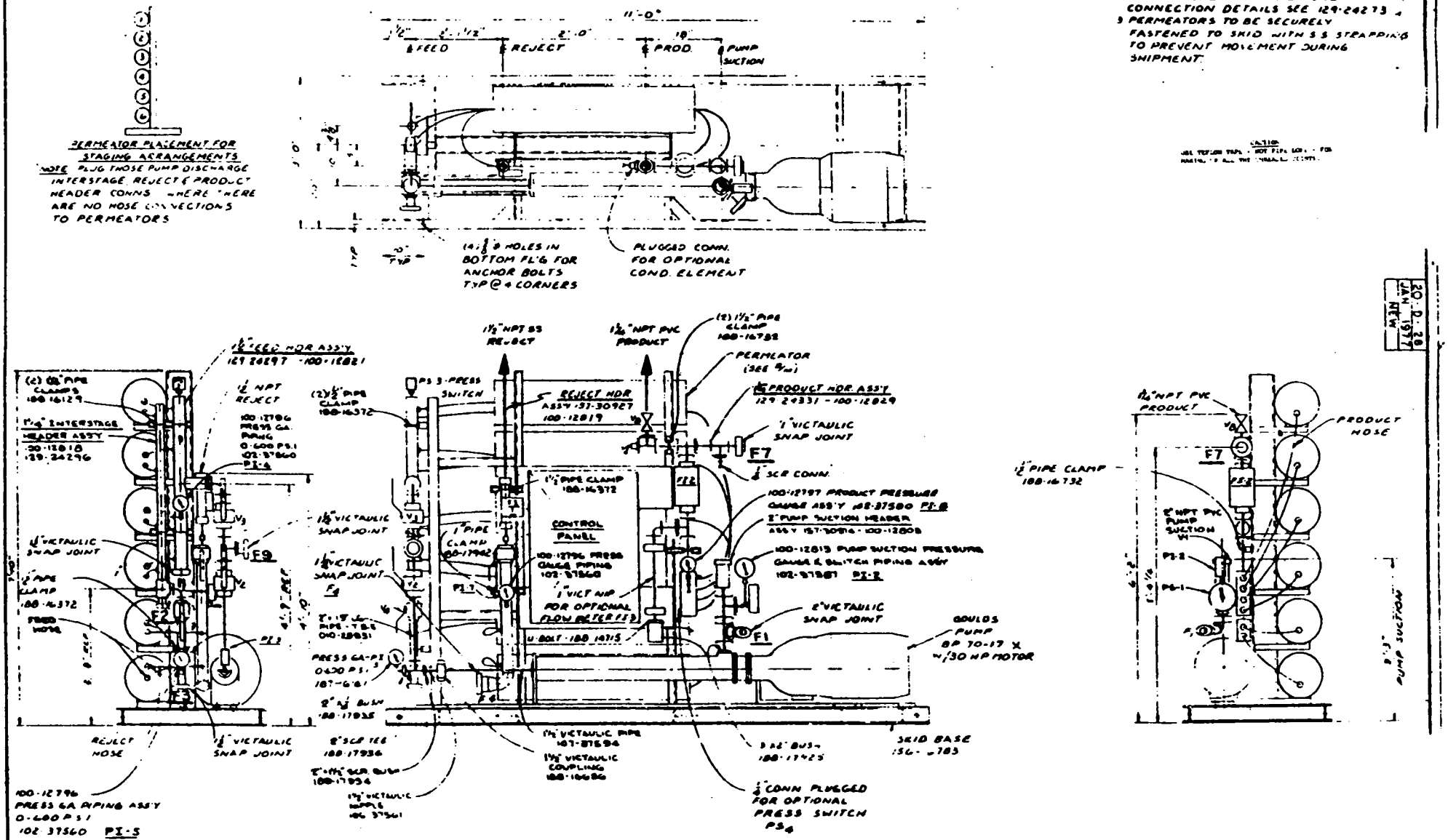

NOTES
1 REF. FLOW DIAGRAM 137-30890
2 FOR TYPICAL PERMEATOR END CONNECTION DETAILS SEE 129-24273
3 PERMEATORS TO BE SECURELY FASTENED TO SKID WITH S.S. STRAPPING TO PREVENT MOVEMENT DURING SHIPMENT.
PERMEATOR PLACEMENT FOR STAGING ARRANGEMENTS
NOTE PLUG THOSE PUMP DISCHARGE INTERSTAGE REJECT & PRODUCT HEADER CONNS WHERE THERE ARE NO HOSE CONNECTIONS TO PERMEATORS
11'-0"
FEED
REJECT
PROD.
PUMP SUCTION
(4) 3/8 HOLES IN BOTTOM FL'G FOR ANCHOR BOLTS TYP @ 4 CORNERS
PLUGGED CONN. FOR OPTIONAL COND. ELEMENT
1 1/2" NPT SS REJECT
1 1/2" NPT PVC PRODUCT
(2) 1 1/2" PIPE CLAMP 100-16732
PERMEATOR (SEE 4/M)
PRODUCT HDR ASS'Y 129-24331 - 100-12829
1" VICTAULIC SNAP JOINT
F7
SCR CONN.
100-12797 PRODUCT PRESSURE GAUGE ASS'Y 102-37580 PI-8
2" PUMP SUCTION HEADER ASSY 137-30914 - 100-12808
100-12813 PUMP SUCTION PRESSURE GAUGE & SWITCH PIPING ASSY 102-37587 PI-2
2" VICTAULIC SNAP JOINT
GOULDS PUMP BP 70-17 X w/30 HP MOTOR
SKID BASE 156-16783
1/2" CONN PLUGGED FOR OPTIONAL PRESS SWITCH PS4
REJECT HDR ASS'Y 137-30927 100-12819
PS 3-PRESS SWITCH
CONTROL PANEL
1" VICT NIP FOR OPTIONAL FLOW METERS
U BOLT - 188 14715
1 1/2" VICTAULIC PIPE 107-37594
1 1/2" VICTAULIC COUPLING 188-16686
3 1/2" BUSH 188-17425
1/2" VICTAULIC SNAP JOINT
F9
F2
F3
F4
F1
F8
PI-3
PI-4
PI-5
PI-7
PI-8
PI-2
PS-1
PS-2
PUMP SUCTION
PRODUCT HOSE
1/2" PIPE CLAMP 188-16732
1/4" NPT PVC PRODUCT
2" NPT PVC PUMP SUCTION
100-12796 PRESS GA PIPING ASS'Y 0-600 PSI 102-37560 PI-5
REJECT HOSE
FEED HOSE
1/2" ECC HDR ASS'Y 129-24297 - 100-12821
1/2" NPT REJECT
(2) 1/2" PIPE CLAMP 188-16372
1/2" VICTAULIC SNAP JOINT
1" PIPE CLAMP 188-17942
1" VICTAULIC SNAP JOINT
PRESS GA-PI 0-600 PSI 107-6161
2" 1/2 BUSH 188-17935
2" SCR TEE 188-17936
2"-1 1/2" SCR BUSH 188-17934
1 1/2" VICTAULIC NIPPLE 106-37561
20-D-28 JAN 1977 NEW
BID MODEL 'BC' PAK SKID ASSEMBLY
PERMUTIT
WATER AND WASTE TREATMENT
156-16766
B/M 100-12765
NOTE: DO NOT SCALE THIS DRAWING USE DIMENSIONS ONLY

EXHIBIT TWO

OPTION No. 2

Proposal 1-8-81

CLEANING SYSTEM - MODULE OR MACRO PAK

One (1) - Cleaning tank Polypropylene construction, 350 gallons, 48" " dia. X 51 " str.

One (1) - Drain valve ball type PVC material of construction.

One (1) - S.S. cooling coil.

Four (4) - Hose assemblies with victaulic couplings.

One (1) - Temperature indicator.

One (1) - Portable mixer.

One (1) - Tank stand with mixer support (required for polypropylene tank only).

Optional

Cleaning system pump _____ ~~included~~ X not included.

One (1) - Single stage centrifugal pump, Goulds model 3196, or equal transfer pump, 316 stainless steel material of construction. In this option, the pump and cleaning tank are preassembled on a single polyurethane painted structural steel skid.

EXHIBIT TWO

Proposal : 1-8-81

OPTION NO. 3

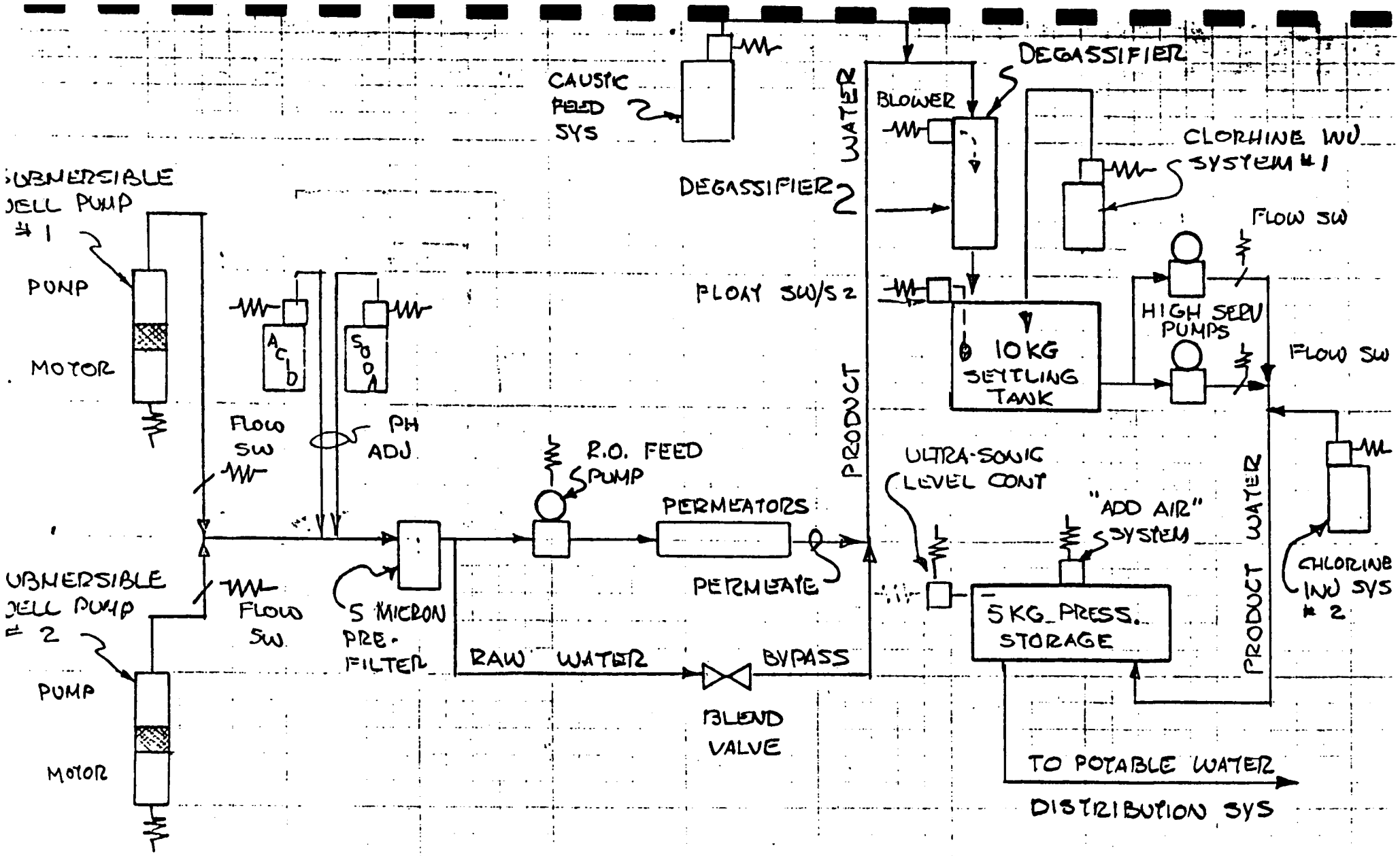
TEST EQUIPMENT

One (1) Combination test kit "modified" Hach Model CN-39-WR consisting of a colorimetric chlorine test, total hardness titration test, a colorimetric iron test and a colrimetric pH test complete with instructions and 7½" x 5" x 5" styrene case.

One (1) Portable multi-range conductivity meter, Myron-L Model EP self contained, having a permanent built-in cell with fully automatic temperature compensation (50°F. to 160°F.), powered by a 9 volt transistor battery. Ranges: 0-5, 0-50, 0-500, and 0-5000 micromhos complete with re-1-range extendor for 0-50,000 micromhos.

One (1) Differential pressure test rig, the main component beign a differential pressure gauge, Mid-West Model 120 with 2½" dial and stainless steel wetted parts.

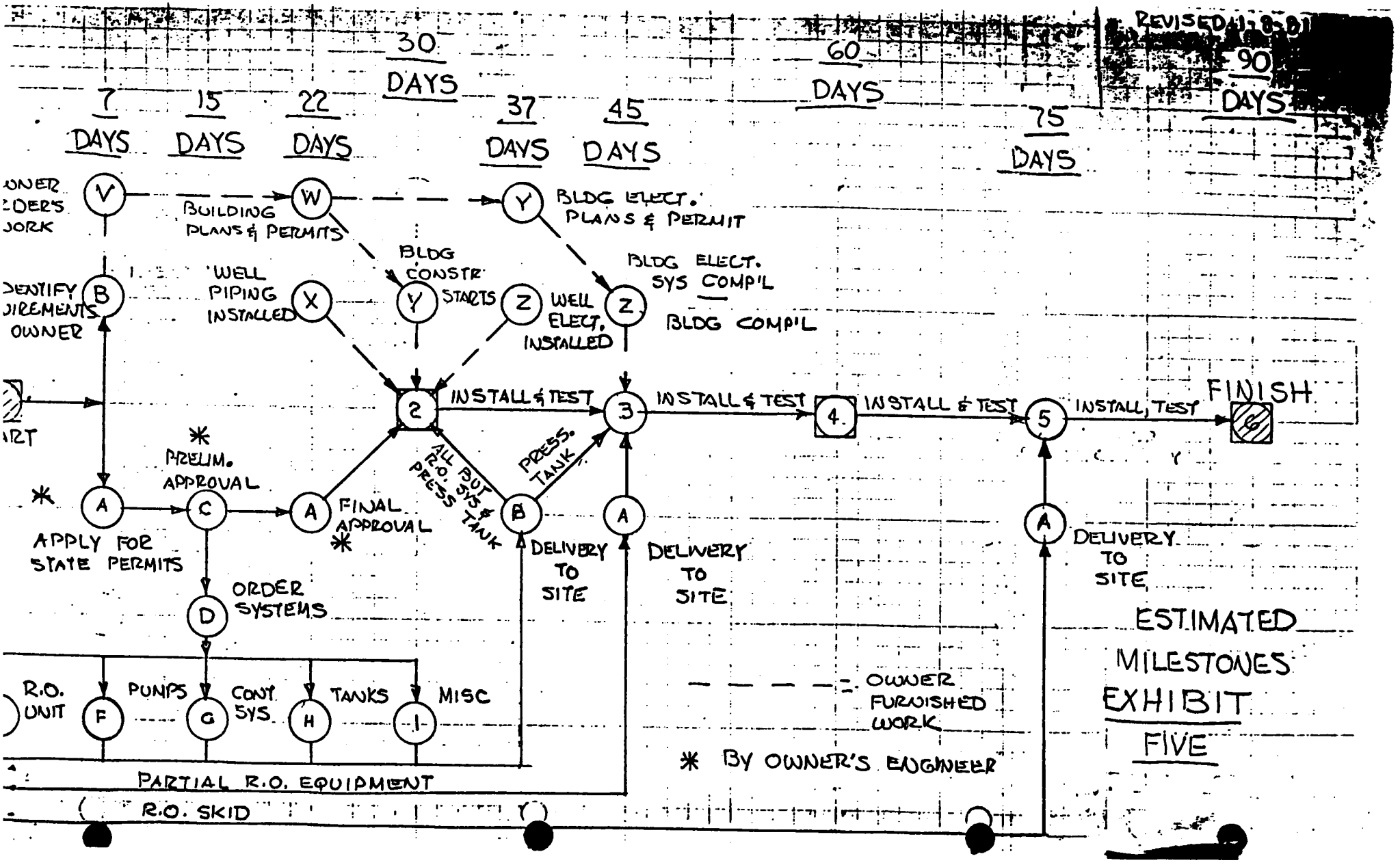
One (1) Sub-micron filter test rig, the main components of which are a filter disc holder, Millipore Model XX 430-4700 complete with one box of (100) 0.45 micron filter discs; a pressure reducing valve ½" and a 500 milliliter graduated cylinder.



PROPOSED SYSTEM FLOW DIAGRAM

EXHIBIT THREE

1-5-81


REVISED 11.8.81
7 DAYS
15 DAYS
22 DAYS
30 DAYS
37 DAYS
45 DAYS
60 DAYS
75 DAYS
90 DAYS
OWNER ORDERS WORK
V
BUILDING PLANS & PERMITS
W
BLDG ELECT. PLANS & PERMIT
Y
IDENTIFY REQUIREMENTS OWNER
B
WELL PIPING INSTALLED
X
BLDG CONSTR STARTS
Y
WELL ELECT. INSTALLED
Z
BLDG ELECT. SYS COMP'L
Z
BLDG COMP'L
START
2
INSTALL & TEST
3
INSTALL & TEST
4
INSTALL & TEST
5
INSTALL, TEST
FINISH
6
PRELIM. APPROVAL
A
APPLY FOR STATE PERMITS
C
A
FINAL APPROVAL
ALL BUT R.O. SYS & PRESS TANK
PRESS. TANK
B
DELIVERY TO SITE
A
DELIVERY TO SITE
A
DELIVERY TO SITE
D
ORDER SYSTEMS
R.O. UNIT
F
PUMPS
G
CONT. SYS.
H
TANKS
I
MISC
PARTIAL R.O. EQUIPMENT
R.O. SKID
OWNER FURNISHED WORK
* BY OWNER'S ENGINEER
ESTIMATED MILESTONES
EXHIBIT FIVE

Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347

Lawton Chiles, Governor 813-623-5561 Carol M. Browner, Secretary

PERMITTEE
John Leonette, President
River's Edge, Inc.
1601 Hunter's Creek Drive
Punta Gorda, Florida 33950

Permit/Certification
ID. Number: 6084078
Permit Number WC08-194653
Date of Issue:
Expiration Date:
County: Charlotte
Lat/Long:
Plant 27°00'35"N/81°59'09"W
Well # 1 27°00'37"N/81°59'03"W
Well # 2 27°00'43"N/81°59'06"W
Sect/Town/Rge: 12/40/23E
Project: Rivers Edge (a.k.a. Hunter's Creek) R.O. Water Treatment Plant

DRAFT

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-555. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with department and made a part hereof and specifically described as follows:

Construction of a modification to an existing community public water supply facility. The existing facility was constructed without a permit and failed to provide water meeting all applicable water quality standards established in F.A.C. Rule 17-550. This permit covers acceptance of a portion of the existing facilities and acceptance of the new facilities constructed prior to permitting in violation of F.A.C. Rule 17-555.520(1). The facilities covered by this permit are to be in accordance with the plans and specification prepared by Spectra Engineering and Surveying and are to include the following:

Two 4-inch potable supply wells, each well 230 feet deep, cased to 125 feet and equipped with 50 gpm submersible pump and 3 Hp motor;

Raw water lines to water treatment plant;

Recycled Paper

DRAFT

PERMITTEE:
John Leonette, President
Rivers Edge (a.k.a. Hunter's Creek)
R.O. Water Treatment Plant

Permit No.: WC08-194653

Acid feed system consisting of a minimum of a 55 gallon storage tank with cover, chemical feeder and low level indicator switch;

10 micron cartridge filter with a minimum flow rating of 55 gpm;

Antiscalent feed system consisting of a minimum of a 55 gallon storage tank with cover, chemical feeder, and low level indicator switch;

Fully automated reverse osmosis system using spiral wound or hollow fiber membranes with a minimum rated flux rate of 3 gallons per minute per square foot, operating pressure of 250 to 600 psi, 75% recovery rate, and a capacity to produce 30,000 gpd within 16 hours and 45,000 gpd in 24 hours;

Hypochlorination feed system consisting of a minimum of a 55 gallon storage tank, chemical feeder, and low level indicator;

Degassifier;

Six (6) existing 5,000 gallon concrete clearwells for a total capacity of 30,000 gallons;

Two 275 gpm, 15 Hp high service pumps;

5,000 gallon hydropneumatic tank; and,

Portable pumps with a minimum rating of 300 gpm.

The finished water is to be a blend of product and raw water in a ratio of 1:0.08. Need some type of flow monitoring to get mix Ratio

The permitted capacity of the water treatment plant is 0.030 MGD.

Location: 113 Hunters Creek Drive, Punta Gorda, Florida.

Specific Conditions

1. The permittee shall purchase a minimum of two (2) portable pumps each having a minimum rating of 300 gpm for use in draining the clearwells. The pumps shall be maintained in good operating condition and shall be kept at the plant site at all times.

2. Each set of three clearwells shall be drained and cleaned at least once every 6 months. The clearwells shall be inspected for deterioration of the concrete each time they are drained. The clearwells shall be throughly disinfected, bacteriologically cleared and approval obtained from the Department prior to being placed back into service after each routine cleaning. After one year of service, the frequency of cleaning may be reduced to once a year with Departmental approval upon a showing to the Department that there has been no deterioration of the concrete and less frequent cleaning will not result in a lower quality water.

3. Once the maximum daily demand reached 80% of the permitted capacity, no further connections may be made to the water supply system until a permit application providing for additional capacity has been submitted and approved.

4. No new connections may be made to the water supply system until the water treatment plant serving the mobile home park has been constructed and cleared by this Department for service.

5. The Department must be notified in writing and prior approval obtained for any changes or revisions to be made to project during construction.

6. Permitted construction or alteration of public drinking water systems must be supervised during construction by a professional engineer registered in the State of Florida.

7. The system may be placed in service upon receipt of clearance from this Department (Chapter 17-555.345, F.A.C.).

8. A letter of clearance may be issued by the Fort Myer's DER District Office upon receipt of the following items:

a. 'Request for a Letter of Release to Place Water Supply System into Service', DER Form 17-555.910(9);

b. Copies of satisfactory bacteriological analysis of the water taken on two consecutive days from a point downstream of high service pumps and prior to hydropneumatic tank and a point downstream of the hydropneumatic tank prior to the point of connection between yard piping and distribution system.

c. Copy of an analysis of the finished water for all corrosivity parameters including field parameters, turbidity, chloride, iron, manganese, color, total dissolved solids, gross alpha, and radium 226 and 228 demonstrating compliance with the water quality standards established in F.A.C. Rule 17-550. Should compliance with each and every water quality standard not be met, an application for a modification of the water treatment plant addressing treatment which provides reasonable assurance of compliance must be submitted, approved and constructed, prior to clearance of the water supply system.

d. Record drawings of water treatment plant and specifications of the actual equipment installed.

9. The permittee shall instruct the engineer of record to request system clearance from the Department within 30 days of completion of construction, testing and disinfection of the system covered by this permit.

10. Your facility has been classified as a Category II, Class C water treatment plant. You must provide staffing by a Class C or higher operator 1 hour/day for 5 days/week and one visit on each weekend day. The lead or chief operator must be Class C or higher.

11. Monthly operation reports must be submitted by your certified operator.

12. Compliance Monitoring:

a. The drinking water must be analyzed for primary and secondary contaminants listed in Chapter 17-550.310 and 17-550.320, F.A.C., to the degree and frequency required by Chapter 17-550.510 and 17-550.520, F.A.C. Samples for compliance with radionuclide monitoring collected the first year of plant operation may <u>not</u> be composited.

b. The drinking water must be analyzed for coliform bacteria every month. The minimum number of samples required depending on population is outlined in Chapter 17-550, F.A.C.; however, at no time may you submit less than one (1) raw sample from each supply well and two (2) distribution samples.

c. The drinking water must be analyzed for unregulated organic contaminants listed in Chapter 17-550.410, F.A.C., to the degree and frequency outlined in Chapter 17-550.510, F.A.C.

d. All water quality analysis must be performed by a laboratory certified by the Department of Health and Rehabilitative Services (DHRS) and the results forwarded to the district office.

13. Sewage disposal facilities shall not be installed within 200' of any water supply well (Chapter 17-555.312, F.A.C.).

14. Reclaimed water land application areas may not be located within the setback distances established in Chapter 17-610, F.A.C.

15. Other sanitary hazards may not be located within 100' of any water supply well.

16. If historical or archaeological artifacts, such as Indian canoes, are discovered at any time within the project site the permittee shall immediately notify the district office and the Bureau of Historic Preservation, Division of Archives, History and Records Management, R.A. Gray Building, Tallahassee, Florida 32301, Telephone number (904) 487-2073.

17. The permittee shall operate and maintain this facility in accordance with Chapter 17-555.350, F.A.C.

18. The permittee shall be aware of and operate under the attached "General Conditions". General conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION

DRAFT

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

RECEIVED
JAN 15 1992
SPECTRA ENGINEERING

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of an
Application for Permit by: DER File NO.: WC08-194653

John Leonette, President
River's Edge, Inc.
1601 Hunter's Creek Drive
Punta Gorda, Florida 33950

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the application specified above. The Department is issuing this Intent to Issue for the reasons stated below.

The applicant, John Leonette, President, River's Edge, Inc., 1601 Hunter's Creek Drive, Punta Gorda, Florida 33950, applied on March 27, 1991 to the Department of Environmental Regulation for a permit to construct a modification to an existing community public water supply facility.

The Department has permitting jurisdiction under 403.861, Florida Statutes. The project is not exempt from permitting procedures. The Department has determined that a construction permit is required for the proposed work.

The permittee has provided reasonable assurances pursuant to Florida Administrative Code Rule 17-555.530(1)(a) that compliance

will be met with each and every quality standard in Part III of Chapter 17-555, Florida Administrative Code (F.A.C.).
The permittee has provided reasonable assurances pursuant to Florida Administrative Code Rule 17-555.530(1)(b) that adequate engineering design complying with the principles established in Chapter 17-555.310 through .360, F.A.C. has been provided.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on permit application. The notice must be published one time only in a section of a major local newspaper of general circulation in the county in which the project is located and within thirty (30) days from receipt of this intent. Proof of publication must be provided to the Department within seven days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S. A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. Petitions must comply with the requirement of Florida Administrative Code Rules 17-103.155 and 28-5.201 (copies attached) an be filed with (received by) the Office of General Counsel of the Department at 2600 Blair Stone

Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant must be filed within fourteen (14) days of receipt of this intent. Petitions filed by other persons must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this intent, whichever first occurs. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes, concerning the subject permit application. Petitions which are not filed in accordance with the above provisions will be dismissed.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

William Kutosh

for Richard D. Garrity, Ph.D.
Director of District Management
Southwest District
4520 Oak Fair Boulevard
Tampa, FL 33610-7347

RDG/jhp

cc: Charlotte CPHU
Christopher B. Cole, P.E.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT and all copies were mailed before the close of business on 1-13-92 to the listed persons.

Clerk Stamp
FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to §120.60(3), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Dorothy Pellham 1-13-92
Clerk Date

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Water Treatment Equipment (2000)

COST OF HYDROPRO 40,000 GPD R.O. UNIT	$ 37,440
COST OF INSTALLATION	4,825
SALES TAX	2,534
A & A ENGINEERING	4,900
SPECTRA ENGINEERING (WTP CONTRACT)	12,000
SPECTRA ENGINEERING BRINE DISPOSAL STUDY WITH MISSIMER & ASSOC.	22,000
COST OF REBUILD KIT (REQUIRED)	1,982
TOTAL COST OF WTP	$ 85,683

PLANT COSTS REIMBURSED BY FDEP $ (35,895) CIAC

S/B 1/28/00

HYDROPRO, INC.

1346 SOUTH KILLIAN DRIVE
LAKE PARK, FLORIDA 33403
PH. (561) 848-6788 FAX (561) 881-0315

PAGE NO.	INVOICE NO.	APPLY TO	INVOICE DATE	CUST. NO.
1	00112		01/28/90	00535
INVOICE			99428 WORK ORDER NO.	0 B.O.

S RIVERS EDGE INC.
O 1601 HUNTERS CREEK DRIVE
PUNTA GORDA, FL 33950
T

S RIVERS EDGE INC.
H 1601 HUNTERS CREEK DRIVE
I PUNTA GORDA, FL 33950
P
T
O

SHIPPED	PURCHASE ORDER NO.	SHIP VIA	F.O.B.	TERMS
1/28/90		OUR TRUCK	LAKE PARK, FL	PER CONTRACT

ER	DATE REQUESTED	LOCATION	SALESPERSON	TERRITORY
HN LEONETTE	01/28/90		DAVID MCGAHEN	FLORIDA

ITEM NO.	DESCRIPTION	QUANTITY ORDERED	QUANTITY BACK ORD.	QUANTITY SHIPPED	UNIT PRICE	EXTENSION	TAX
	RIVER'S EDGE						
	HYDROPRO PROPOSAL HYD08/98-01						
	40,000 USGPD RO UNIT	1		1	37440.00	37440.00	
	INSTALLATION AND COMMISIONING	1		1	4825.00	4825.00	
	LESS DEPOSIT	1		1-	13218.00	-13218.00	
	55% DUE UPON SHIPMENT $24,820.50						
	10% DUE 10 DAYS AFTER STARTUP OR 45 DAYS AFTER SHIPMENT WHICHEVER OCCURS 1ST						

SUBTOTAL 29047.00

STATE TAX 2535.90

31582.90

INVOICE NO. 00112

RVICE CHARGE OF 11/2% PER MONTH WILL BE ADDED TO PAST DUE ACCOUNTS.

PLEASE REMIT THIS AMOUNT

HYDROPRO, IN

1346 SOUTH KILLIAN DRIVE
LAKE PARK, FLORIDA 33403
PH. (561) 848-6788 FAX (561) 881-0315

PAGE NO.	INVOICE NO.	APPLY TO	INVOICE DATE	CUST. NO.
1	00110		01/28/90	00535
INVOICE			S1057 WORK ORDER NO.	0 B.O.

RIVERS EDGE INC.
1601 HUNTERS CREEK DRIVE
PUNTA GORDA, FL 33950

SHIP TO

RIVERS EDGE INC.
1601 HUNTERS CREEK DRIVE
PUNTA GORDA, FL 33950

SHIPPED	PURCHASE ORDER NO.	SHIP VIA	F.O.B.	TERMS
28/90		UPS	LAKE PARK, FL	NET 10

	DATE REQUESTED	LOCATION	SALESPERSON	TERRITORY
IE	01/28/90		DAVID MCGAHEN	FLORIDA

ITEM NO.	DESCRIPTION	QUANTITY ORDERED	QUANTITY BACK ORD.	QUANTITY SHIPPED	UNIT PRICE	EXTENSION	TAX
	STACK KIT FOR GRUNDFOS CRN16-80	1		1	1668.65	1668.65	T
	SEAL & GASKET KIT	1		1	173.65	173.65	T
	FREIGHT IN	1		1	16.25	16.25	T

Paid 2/7/90

BAL	STATE TAX	FREIGHT	
358.55	111.52	11.70	1981.77

INVOICE NO. 00110

CHARGE OF 1 1/2% PER MONTH WILL BE ADDED TO PAST DUE ACCOUNTS.

PLEASE REMIT THIS AMOUNT

A & A ENGINEERING

300 Corporate Center Drive
Manalapan, NJ 07726

(732) 845-1770 **FAX: (732) 845-1790**

January 4, 2000

Mr. John Leonetti
Rivers Edge, Inc.
1601 Hunter Creek Drive
Punta Gorda, FL 33982

RE: Rivers Edge WTP
PWS. ID. No. 5084074
(97-265)

Dear John:

A requirement of the permit issued for the replacement of the R.O. unit for the Water Treatment Plant is that a rebuild kit (stack kit) be provided for the Grundfos Model No. CRN 16-80 R.O. pump. In order to comply with the permit application requirements, a rebuild kit must be ordered prior to installation of the new R.O. unit. Upon delivery of the rebuild kit, it must be stored on-site and available for installation when required.

Please contact Hydropro, Inc. to arrange for purchase and delivery of the rebuild kit, so that installation of the new R.O. unit can be scheduled as soon as the second membrane is delivered and assembled on the R.O. skid.

Please provide me with a copy of the purchase order confirmation upon receipt from Hydropro.

If you have any questions, do not hesitate to contact me at 732-845-1770.

Very truly yours,

A & A ENGINEERING

James A. Ruddiman

James A. Ruddiman, PE

JAR/sw

HYDROPRO, INC

FAX TRANSMITTAL · Total Pages (including this page): 1

To:

Vinnie
Rivers Edge

Tel:
Fax: 941-637-0302

From:

David McGahen
Hydropro, Inc.
1346 S. Killian Dr.
Lake Park, FL 33403
Tel. (561) 848-6788 Fax. (561) 881-0315

Re: Rivers Edge RO Unit

The cost of the rebuild stack kit and seals for the RO pump are:

Stack Kit for Grundfos CRN16-80	**$1668.65**
Seal and Gasket Kit	**$ 173.65**
Total	**$1842.30**

Should you wish to place these items on order, please sign and return this fax quote.

Signature: VJGreen **Date:** 1-12-00

HYDROPRO, INC.

David McGahen

1346 South Killian Drive - Lake Park, FL 33403 - (561) 848-6788 - Fax (561) 881-0315 - e-mail:hhydropro@aol.com

RIVERS EDGE INC.

006880

A & A Engineering
Reimburse for R.O Plant expenses
11/29/99
$ 4900.48

RIVERS EDGE INC.
1601 HUNTER CREEK DR.
PUNTA GORDA, FL 33982
(941) 637-5757

NationsBank OF FLORIDA

006880
CHECK NO.

Four Thousand Nine Hundred and 48/00
PAY TO THE ORDER OF:
A & A ENGINEERING
300 CORPORATE Center DR.
MANALAPAN, N.J. 07726

DATE
11/29/99

AMOUNT
$ 4900.48

AUTHORIZED SIGNATURE

⑈006880⑈ ⑆063100277⑆ 0089027000⑈

x

Rivers Edge, Inc.
1601 Hunter Creek Drive
Punta Gorda, FL. 33982
941-637-5757

December 9,1999

Andres E Kraul P.E
DEP – Water Supply
Twin Tower Building Room 569C
2600 Blair Stone Road MS 3506
Tallahassee, Fl. 32399-2400

Re: PO #S 3700 915372

Enclosed are copies of invoices in the amount of $4900.48 paid to A&A Engineering, regarding engineering services provided for the new Reverse Osmosis Filtration system.

I am requesting reinbursement for the same. However , I realize that I will only receive a percentage of this amount.

Sincerely,

John Leonette

John Leonette, President
Rivers Edge, Inc.

RIVERS EDGE INC.

006880

A+A Engineering
Reimburse for R.O. Plant expenses
11/29/99
$4900.48

RIVERS EDGE INC.
1601 HUNTER CREEK DR.
PUNTA GORDA, FL 33982
(941) 637-5757

NationsBank OF FLORIDA

006880
CHECK NO.

Four Thousand Nine Hundred and 48/00
PAY TO THE ORDER OF:
A+A ENGINEERING
300 CORPORATE Center DR.
MANALAPAN, N.J. 07726

DATE
11/29/99

AMOUNT
$4900.48

AUTHORIZED SIGNATURE

Security Features included. Details on back

⑈006880⑈ ⑆063100277⑆ 0089027000⑈

RECEIVED
DEC 9 1999
WATER SUPPLY
RESTORATION

RECEIVED
DEC 10 1999
DEP
Finance & Accounting

Invoice

A&A ENGINEERING
300 Corporate Center Drive
Manalapan, New Jersey 07726
732/845-1770 FAX 732/845-1790

September 30, 1999
Project No: 97-26500.0PUN
Invoice No: 0101906

MR. JOHN LEONETTI
% WHISPERING PINES COMMUNITY
1601 HUNTER CREEK DR
PUNTA GORDA FL 33982

Project: 97-26500.0PUN Hunter's Creek- Utilities (Punta Gorda)

Professional Services: August 28, 1999 through September 24, 1999

Professional Personnel

	Hours	Rate	Amount
[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]
Ruddiman, James A. 07/14/99	1.00	90.00	90.00
DISCUSS PERMITTING REQ'S FOR NEW RO ~~WATT~~ UWTT & PROPOSAL FROM HYDROPRO INC.			
Ruddiman, James A. 08/12/99	0.50	90.00	45.00
REVIEW DOC'S ON REPLACEMENT WATER SYS. & DISCUSS NOTICE TO DEP W/FRED E.			
Ruddiman, James A. 08/16/99	0.50	90.00	45.00
PREPARE LETTER TO MARK CHARNESKI RE: PERMIT APPLICATION FOR WATER TREATMENT PLANT			
Ruddiman, James A. 08/17/99	1.00	90.00	90.00
CONFERENCE CALL W/ANDRES KRAUL OF FLDEP RE: REIMBURSEMENT OF COST FOR WATER PLANT & REVIEW PLANT PURCHASE CONTRACT W/FRED E.			
Ruddiman, James A. 09/09/99	1.50	90.00	135.00
REVIEW FILE ON WATER TREATMENT SYSTEM & TELECON W/ATLANTIC FILTER TO REQUEST PROPOSAL TO FURNISH & INSTALL REPLACEMENT WTP			
Ruddiman, James A. 09/15/99	0.50	90.00	45.00
TELECON W/MARK CHARNESKI OF FL. DEP RE: WTP PERMIT & DISCUSS W/F.E			
Ruddiman, James A. 09/17/99	3.00	90.00	270.00
REVIEW PROPOSALS FOR R.O. PLANT & TELECON W/ATLANTIC FILTER AND HYDROPRO			
Ruddiman, James A. 09/23/99	0.50	90.00	45.00
TELECON W/J. LEONETTI TO DISCUSS PROPOSALS FOR WATER TREATMENT PLANT & DISCUSS W/ FRED ESPOSITO			
Walling, Sue 08/16/99	0.10	35.00	3.50
TYPED LETTER TO MARK CHARNESKI, DEP RE: REPLACEMENT WTR TRMT SYSTEM			
Totals	[redacted]	TOTAL [redacted]	$ 768.50

Rcd # 6880
11/29/99

SAY $768

Invoice

A&A ENGINEERING
300 Corporate Center Drive
Manalapan, New Jersey 07726
732/845-1770 FAX 732/845-1790

November 3, 1999
Project No: 97-26500.0PUN
Invoice No: 0101916

MR. JOHN LEONETTI
% WHISPERING PINES COMMUNITY
1601 HUNTER CREEK DR
PUNTA GORDA FL 33982

Project: 97-26500.0PUN Hunter's Creek- Utilities (Punta Gorda)

Professional Services: September 25, 1999 through October 29, 1999

Professional Personnel

		Hours	Rate	Amount
Howarth, David J.	10/29/99	0.50	67.24	33.62
BEGIN WORKING ON PROJECT LOCATION MAP FOR WTP				
Ruddiman, James A.	10/06/99	1.20	90.00	108.00
COLLECT DATA FOR PERMIT APPLICATION FOR WTP				
Ruddiman, James A.	10/06/99	0.50	90.00	45.00
TELECON W/HYDROPRO RE: WTP & LEFT MESSAGE W/MARK CHERNESKY OF FLORIDA DEP				
Ruddiman, James A.	10/08/99	3.00	90.00	270.00
COLLECT DATA FOR PERMIT APPLICATION & PREPARE APPLICATION FORM				
Ruddiman, James A.	10/08/99	0.50	90.00	45.00
TELECON W/JEFF SCHUMACHER RE: DRAWINGS & DOCUMENTS FOR WTP				
Ruddiman, James A.	10/11/99	2.00	90.00	180.00
PREPARE DEP APPLICATION FOR WTP REPLACEMENT				
Ruddiman, James A.	10/13/99	2.50	90.00	225.00
REVIEW WTP DOC'S FROM HYDROPRO & PREPARE FLA DEP PERMIT APPLICATION				
Ruddiman, James A.	10/14/99	2.50	90.00	225.00
REVIEW DOCUMENTATION/CALCS ON R.O. SYSTEM FOR PERMIT SUBMISSION				
Ruddiman, James A.	10/14/99	0.50	90.00	45.00
TELECON W/JEFF SCHUMAKER TO DISCUSS DOCUMENTATION ON WTP				
Ruddiman, James A.	10/15/99	1.00	90.00	90.00
REVIEW PROJECT DATA FOR DEP APPLICATION				
Ruddiman, James A.	10/15/99	0.50	90.00	45.00
TELCON W/JEFF SCHUMAKER RE: R.O. PLANT, WATER TESTS & PLANT CALCS.				
Ruddiman, James A.	10/18/99	0.20	90.00	18.00
TELECON W/JOHN LEONETTI RE: WTP PERMIT APPLICATION				
Ruddiman, James A.	10/20/99	1.00	90.00	90.00
REVIEW UPDATED F.A.C. FOR NEW DRINKING WATER STANDARDS				

Ruddiman, James A.	10/20/99	0.50	90.00	45.00
TELECON W/BEN M. OF HYDROPRO RE: QUESTIONS ON R.O. DESIGN CALCULATIONS				
Ruddiman, James A.	10/21/99	2.20	90.00	198.00
REVIEW REVISED R.O. DESIGN PRINTOUT FROM HYDROPRO & PREPARE APPLICATIONS FOR SUBMISSION				
[redacted]				
Ruddiman, James A.	10/25/99	2.00	90.00	180.00
PREPARE DOC'S FOR WTP PERMIT				
Ruddiman, James A.	10/27/99	1.50	90.00	135.00
PREPARE WATER DEMAND COMPUTATIONS FOR PERMIT APPLICATION				
Ruddiman, James A.	10/27/99	1.50	90.00	135.00
REVIEW WTP MONTHLY REPORTS & TABULATE DATA				
[redacted]				
Ruddiman, James A.	10/29/99	2.00	90.00	180.00
WORK ON APPLICATION FOR WTP, KEY MAP & LOCATION MAP				
Totals	[redacted]	TOTAL	[redacted]	$2292.62
Total Labor				[redacted]

Reimbursable Expense

[redacted]

Total this invoice [redacted]

SAY $2293

Pd ck # 6880
11/29/99

Invoice

A&A ENGINEERING
300 Corporate Center Drive
Manalapan, New Jersey 07726
732/845-1770 FAX 732/845-1790

November 19, 1999
Project No: 97-26500.0PUN
Invoice No: <Draft>

MR. JOHN LEONETTI
% WHISPERING PINES COMMUNITY
1601 HUNTER CREEK DR
PUNTA GORDA FL 33982

Project: 97-26500.0PUN Hunter's Creek- Utilities (Punta Gorda)

Professional Services: November 1, 1999 through November 5, 1999

Professional Personnel

		Hours	Rate	Amount
Howarth, David J.	11/01/99	1.50	67.24	100.86
PREPARE VICINITY AND LOCATION MAP FOR WATER TREATMENT PLANT APPLICATION				
Ruddiman, James A.	11/01/99	1.50	90.00	135.00
PREPARE DOCUMENTATION FOR WTP APPLICATION				
Ruddiman, James A.	11/02/99	3.50	90.00	315.00
TELECON WITH HYDROPRO, JAMES ONI & JOHN LEONETTI & PREPARED CHANGES TO PLANT SIZING FROM 20K TO 40K				
Ruddiman, James A.	11/03/99	5.00	90.00	450.00
COORDINATE WITH HYDROPRO, JOHN LEONETTI & FRED ESPOSITO RE: UPGRADE OF WTP TO 40K GPD, REVISE CALCULATIONS AND PERMIT DATA				
Ruddiman, James A.	11/04/99	2.50	90.00	225.00
PREPARE REVISIONS TO WTP APPLICATION FOR 40K GPD R.O UNIT				
Ruddiman, James A.	11/05/99	4.50	90.00	405.00
NUMEROUS TELECON'S WITH HYDROPRO TO FINALIZE R.O CALCS AND PLANS. ASSEMBLE SIGN & SEAL PERMIT APPLICATION PACKAGES				
Walling, Sue	11/01/99	0.50	35.00	17.50
TYPED WATER TREATMENT PLANT PERMIT				
Walling, Sue	11/04/99	0.60	35.00	21.00
TYPED LETTER TO JAMES ONI OF FLORIDA DEP RE: SENDING COPIES OF APPLICATION FOR DRINKING WATER FACILITY				
Walling, Sue	11/05/99	2.00	35.00	70.00
GBC BOUND WATER TREATMENT PLANT PERMIT APPLICATION, JAMES ONI LETTER AND OTHER DOCUMENTS NEEDED FOR PERMIT				
Totals		21.60		1,739.36

Total Labor **1,739.36**

Reimbursable Expense

Misc Reimbursable Expens

11/05/99	Florida Department of Environmental Prot	Permit Fee PWS I.O. #5084074	100.00	
	Total Reimbursables		**100.00**	**100.00**

Total this invoice **$1,839.36**

SAY $1839

Pd ck# 6880
11/29/99

BOM

1. FLOW METER -CONCENTRATE
2. CONDUCTIVITY METER
3. FLOW METER -PERMEATE
4. PRESSURE GAUGE, 4" ROUND
5. 3-WAY SWITCHING VALVE, 316SS
6. MICRON CARTRIDGE FILTER
7. PRODUCT HOSE
8. PRESSURE VESSEL HOUSING, WHITE GLOSS FINISH
9. FEED PUMP, VERTICAL PUMP
10. FLOW METER

LEGEND:

VICTAULIC COUPLING

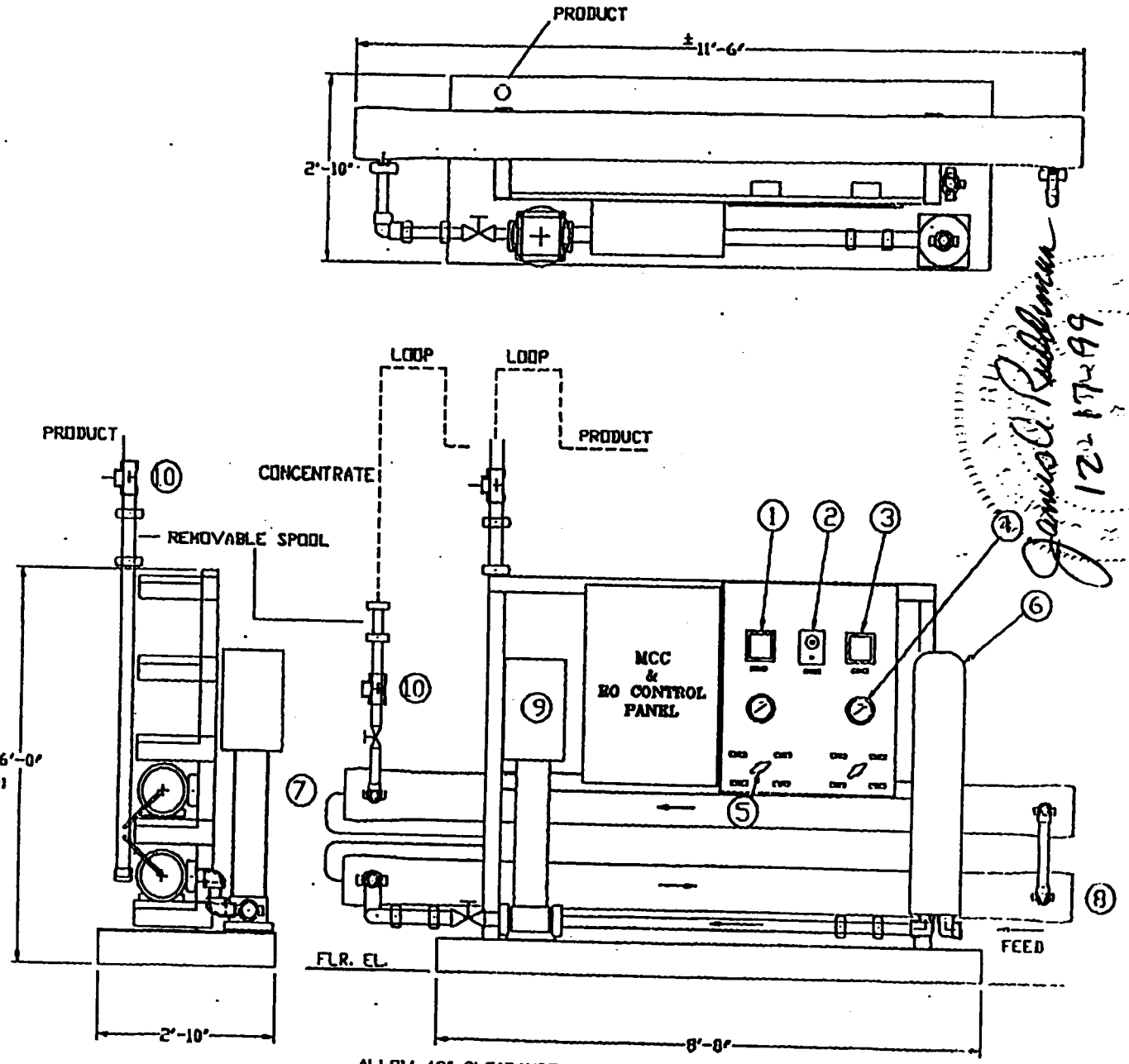
REMOVABLE CLEANING SPOOL

UNIT SPECIFICATIONS:

SYSTEM CONFIGURATION:	1 STAGE
SYSTEM RECOVERY:	75%
FEED FLOW:	30 GPM
PRODUCT FLOW:	27.0 GPM (40K GPD)
MEMBRANE:	ESPA SERIES
PRESSURE VESSEL:	300 PSI
UNIT WEIGHT(OPERATION):	1500 (lbs)

UNIT SPECIFICATIONS (FUTURE)

SYSTEM CONFIGURATION:	2 STAGE
SYSTEM RECOVERY:	75%
FEED FLOW:	90 GPM (129,600 GPD)
PRODUCT FLOW:	62.5 GPM (90K GPD)
MEMBRANE:	ESPA SERIES
PRESSURE VESSEL:	300 PSI
UNIT WEIGHT(OPERATION):	2300 (lbs)



ALLOW 48" CLEARANCE EACH END OF VESSEL FOR MEMBRANE LOAD/REMOVAL

GENERAL NOTES:

1. DIMENSIONS ARE IN FEET & INCHES.

This drawing contains proprietary information and designs owned by HYDROPRO,INC. All designs, manufacturing, reproduction, use patent rights, and sales rights regarding the same are reserved by HYDROPRO,INC. Unless required by seismic code design, HYDROPRO, INC reserves the right to modify/revise FRP structural shapes used in it's designs.

HYDROPRO, INC.

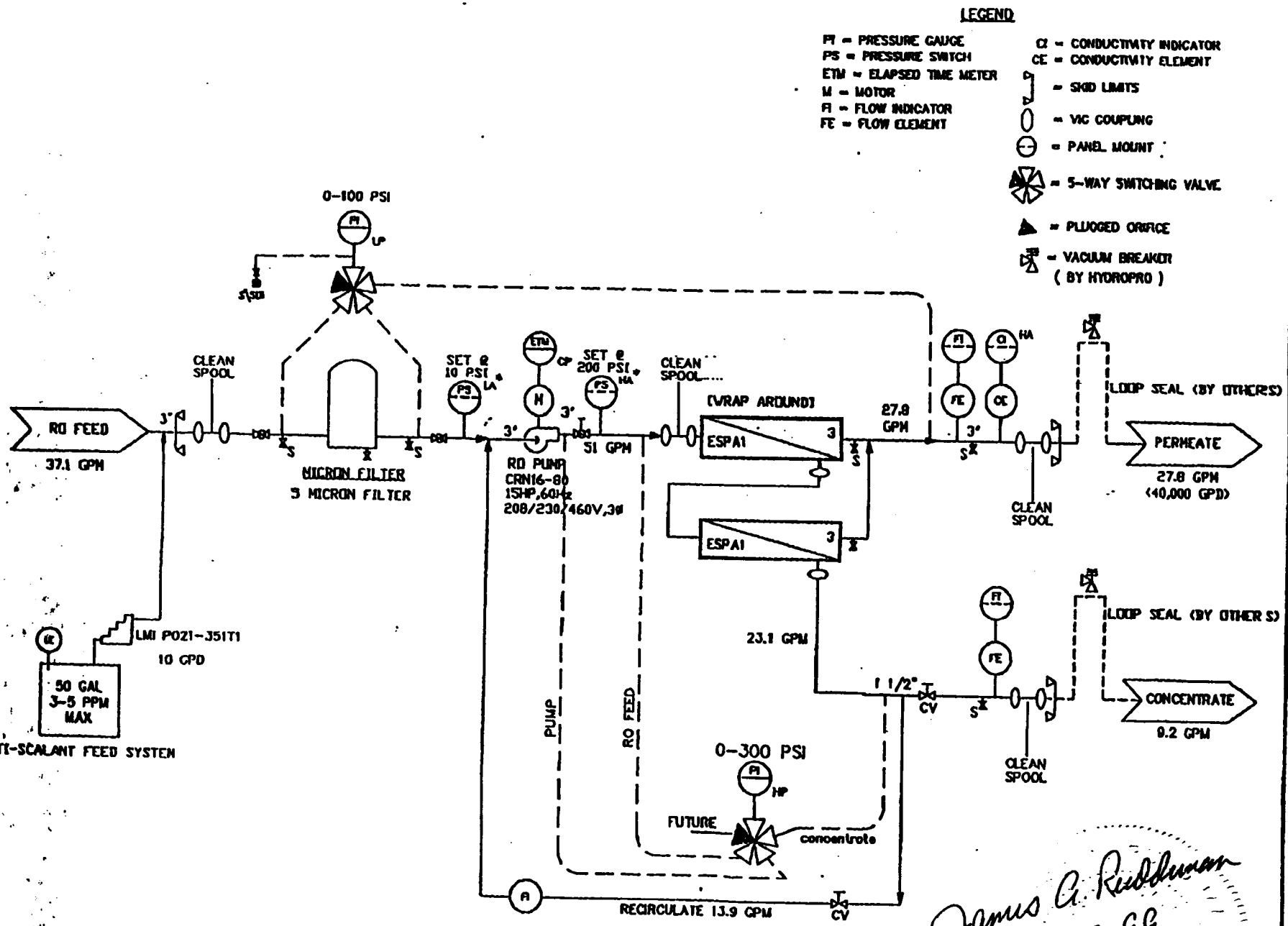
4.5X EXPANDABLE TO 9.0K FOR RIVER EDGE

ESTS-100 GENERAL ARRANGEMENT

JOB NO. 90420

SHEET NO. 1 of 1

M01



James A. Rudlman
12-17-99

This drawing contains proprietary information and designs owned by HYDROPRO,INC. All designs, manufacturing, reproduction, use, patent rights, and sales rights regarding the same are reserved by HYDROPRO,INC.

Spectra Engineering and Surveying, Inc.

(58-4216)

March 18, 1993

Rivers Edge, Inc.
1601 Hunter Creek Drive
Punta Gorda, FL 33950

ATTN: Mr. John Leonette

RE: Outstanding Invoices

Dear John:

As per our conversation, I have reviewed your account with members of our firm along with the services provided as of this date. I would like to offer the following breakdown of services:

CONTRACT:

Water Treatment Plant	$12,000.00
Site Plans	43,750.00
SUB TOTAL . .	$55,750.00

NON CONTRACT ITEMS:

Surveying

• Boundary Survey entire tract . . .	$ 6,630.00
• Survey Plat	1,027,00
• Lot Surveys	650.00
• Legals for vacation of plat . . .	965.25
• Stake Out	1,015,00
SUB TOTAL . .	$10,278.25

Club House & Pool	$ 2,963.75
Special Exception	$ 4,065.00

DNR

• Research	$ 1,622.50
• Permit	$ 2,120.00
• Land Lease	4,355.00
SUB TOTAL . .	$ 8,097.50

630 Woodbury Drive, Port Charlotte, Florida 33954 (813) 627-3366 FAX (813) 743-9004

Water Treatment Plant Construction

• Tank	$ 427.50
• Water Testing	247.50
• Operating Manual	4,700.00
• Meeting with DER Operating Permit	830.00
• Certification	1,360.00
SUB TOTAL	$ 7,565.00

Sewage Treatment Facilities

• Sludge Research	$ 440.00
• Soil Sampling & Analysis	4,617.25
• Misc - discussions with City	
- Agriculture Use Plan	
- Monitoring Report	
- Franchise vs. private	
- General	1,777.50
SUB TOTAL	$ 6,834.75

Miscellaneous

• Reproduction of plans	$ 1,257.33
• UPS	42.00
• DER Fee	440.00
• Advertising Fees	92.53
• General Consulting	480.00
• Meeting with residents; discussions with owner	600.00
• Check weir elevation	450.00
SUB TOTAL	$ 3,361.86

Preliminary Plat	$ 3,872.50
TOTAL CONTRACT ITEMS	$55,750.00
TOTAL NON CONTRACT ITEMS	$47,038.61

We would be glad to sit down with you at your earliest convenience to discuss this matter with you.

A few weeks ago, we discussed receiving a payment of $2,200, which would be forwarded to us upon closing of a unit. As of this date, we have not recieved this payment. This situation has forced us to temporarily stop work on this project until a payment schedule has been agreed upon.

Please feel free to contact me if you have any questions.

Very truly yours,

SPECTRA ENGINEERING & SURVEYING, INC.

William L. Murray, P.E.
President

WLM/cl

Spectra Engineering and Surveying, Inc.
630 Woodbury Drive, Port Charlotte, Florida 33954
(813) 627-3366 FAX (813) 743-2904

INVOICE № 16569

DATE September 27, 1991

PROJECT # 884216

PROJECT NAME Rivers Edge

Rivers Edge, Inc.
1601 Hunters Creek Drive
Punta Gorda, FL 33950

Quantity	Unit Price	Service Performed	Amount
		SITE DESIGN	
		TOTAL CONTRACT $43,750.00	
		TOTAL COMPLETED 42,696.25	
		TOTAL BILLED 41,846.25	
		TOTAL THIS INVOICE 850.00	$ 850.00
		10 hrs. @ $55/hr - Professional Engineer $550.00	
		10 hrs. @ $30/hr - Draftsman 300.00	
		WATER PLANT	
		TOTAL CONTRACT $12,000.00	
		TOTAL COMPLETED 12,000.00	
		PREVIOUSLY BILLED 11,500.00	
		THIS INVOICE 500.00	500.00
		Total	CONTINUED

TERMS: NET 10 DAYS

THANK YOU FOR YOUR BUSINESS
Please give this invoice your utmost priority
as it will be greatly appreciated

Past due balances
are subject to a 1½ %
service charge per month

PROPOSAL/CONTRACT

FOR

HUNTERS CREEK

MARCH 28, 1990

The following is a Proposal/Contract for engineering and surveying services for the Hunters Creek project. The numbers shown herein are approximate; the exact fees will be given as each phase proceeds.

Phase 1(A) - Surveying

-A complete jurisdictional survey will be completed with the assistance of our environmentalist. The Department of Environemental Regulation and the Corp of Engineers will be asked to examine the site for their opinion.

TOTAL FEE = $1,500.00

Phase 1(B) - Surveying

-A complete boundary survey will be performed once an abstract of the property has been done.

-The jurisdictional line will be tied into the boundary survey of the property.

-A check of the topo and an as-built survey of the existing items constructed will be performed. This will not be a complete topo; if one is needed, it will be brought to your attention.

TOTAL FEE $4,000.00

No survey work should start without a complete legal and an abstract for the property.

Phase 2 - Master Plans

-Water plant: The plans to upgrade the existing plant will be prepared and submitted to DER for their approval.

APPROXIMATE FEE = $12,000.00

No fee for a consumptive use permit is included. A a complete determination of the extent of the permit will be required.

-A pump test for the wells will run approximately $1,500.00

-Master site plan & Preliminary plat: It would be our responsibility to prepare a preliminary plat for the remaining lands, which is approximately 245 mobile home lots. The plat will have to be submitted to the County and approval meetings will be attended.

TOTAL FEE = $3,100.00

-Master Stormwater Plan: A master stormwater plan will be provided. This plan will also show proposed elevations and minor details for construction. This plan will be the basis for the construction of the entire project. The plan will be submitted to Southwest Florida Water Management District for a concept plan review and to Charlotte County Engineering for concept plan review.

TOTAL FEE = $4,575.00

-Master Sanitary Collection System & Sewage Treatment Plant: A master plan for the sanitary sewer collection system and the sewage treatment plant will be developed. This will be used as a guide for future plant expansion. In addition, a soils investigation will be performed.

TOTAL FEE = $5,800.00

Phase 3 - Phase Development

-This phase of the approval process will involve the detail plans for the individual sections of the development. This Proposal/Contract ocvers the next phase of the development. This phase will contain approximately 50 lots. The following will be performed:

1. Final plat for the phase

2. Detail engineering plans:

a. grading plan
b. stormwater collection system
c. stormwater treatment and retention plan
d. utility plan
e. detail plans for expansion to sewage treatment plant

3. Submission to Charlotte County for final plat

4. Submission to Charlotte County Engineering Department for stormwater approval

5. Submission to Charlotte County for detail plan approval

6. Submission to Southwest Florida Water Management District for stormwater approval

7. Submission to the Department of Environmental Regulation for water line extension

8. Submission to the Department of Environmental Regulation for sanitary sewer line extension

9. Submission the the Department of Environmental Regulation for sewage treatment plant expansion

10. Attendance at approval meetings

TOTAL FEE = $18,500.00

This fee is based on the fact that Phase 1 and 2 are complete.

RETAINAGE: Prior to the start of any work, a retainer in the amount of $5,000 will be required. This retainage will be applied to the last invoice.

ITEMS NOT INCLUDED: The following items are not included in this Proposal/Contract: reproduction of plans, submission fes, travel and/or construction stake out.

SCOPE OF SERVICES:

It shall be understood that this Proposal/Contract is based upon information supplied to us and our understanding of the project. The fee(s) stated may not necessarily represent the full scope of services required for this project. The fee(s) stated represent our best effort to set forth those services which we believe to be those services required by you and/or those we have determined to be needed to accomplish a particular objective.

If a variation from the original concept or understanding of the project occurs, we shall advise you of such and seek your direction on how to proceed.

Services required as a result of a change in the original Scope of Services or requirements for additional services will be billed to you at the rates stated herein. No work beyond the original scope of services will be performed after advising you of such requirements without your approval.

PERMITS AND APPLICATION

This firm will make every effort to apply for all required permits and agency approvals, Due to the ongoing change of agency requirements, we cannot assure to this client that every conceivable permit or approval has been applied for.

APPLICATION FEES

The fees set forth shall include, but are not limited to, travel expense (lodging, meals, etc.), job related mileage at 20 cents per mile, long distance telephone calls, postage, express mail and reproduction costs.

SERVICES NOT SPECIFIED

If additional services are required beyond the original scope of service, they will be billed at the following hourly rates:

Professional Engineer	$55.00
Professional Surveyor	$55.00
Three man field crew	$65.00
2 man field crew	$60.00
Survey Technician	$45.00
Draftsmen	$30.00
Engineering Technician	$45.00
Clerical	$15.00

Work will not be performed without prior knowledge and approval by the client. These rates are based upon normal working hours and will be billed on the hourly rates stated herein. If overtime work is required and approved, those rates specified will be billed at time and a half.

FEES

The stated lump sum fees are fixed for a time period of one year from the date of this Proposal/Contract. If all phases of this Proposal/Contract are not started within that one year,this firm has the right to terminate those areas of this Proposal/Contract. If service in initiated, but is not concluded within a twelve (12) month period due to conditions that this firm has no control over, the fee stated will be adjusted upward at the rate of one percent (1%) per month for each month the service continues until completion.

INVOICING AND PAYMENT

Invoicing will be performed on approximately the 30th day of each month. These invoices will be based on the appropriate amount of work performed. Payment of said invoices will be expected upon receipt of the invoice by the client. If payment is not received within 30 days, this firm has the right to add a late charge on one and one half percent (1 1/2%) per month on the outstanding balance.

If payment is not received within 45 days of the invoice date, this firm has the right to terminate this Proposal/ Contract or suspend work under this Proposal/Contract until payment has been made in full. The client agrees to pay all costs of collection, including hourly fees, should action be required and and should the court find justice in our favor, Cost of collection shall be deemed to include, but not limited to court costs, interest and a reasonable attorney's fee for such collection.

DOCUMENT OWNERSHIP

This firm will retain ownership of all original documents pertaining to this project and will not release copies of same without authorization from client, unless documents are required by government for approval or recording purposes.

LIABILITY

The owner agrees to limit the engineer's and surveyor's liability to the owners and to all contractors and sub contractors on the project, due to the engineer's and surveyor's negligent acts, errors or engineer or surveyor to all those named shall not exceed $50,000, or the engineer's and Surveyor's total fee for services rendered on this project, which ever is greater.

CONTRACT ASSIGNMENT

This Proposal/Contract is for the use of the client and is not assignable to or assumable by any third party without prior written consent of this firm.

ACCEPTANCE

This Proposal/Contract and fee schedule, stated herein are based on your acceptance ad authorization to proceed with stated work, within 30 days of the date of this Proposal/ Contract. If authorization is not received within the stated time period, we reserved the right to re-evaluate the terms and conditions contained herein.

If this Proposal/Contract is agreeable with you, please sign the enclosed copy and return same to our office. Once this Proposal/Contract is received by this office, it will become a Contract.

Proposal/Contract prepared by:

SPECTRA ENGINEERING & SURVEYING, INC,

William L. Murray, P.E.
President

WLM/cl

Encl.

PROPOSAL/CONTRACT ACCEPTED BY:

_____
Firm Name*

_____
Principal of Firm (title)

_____
Name

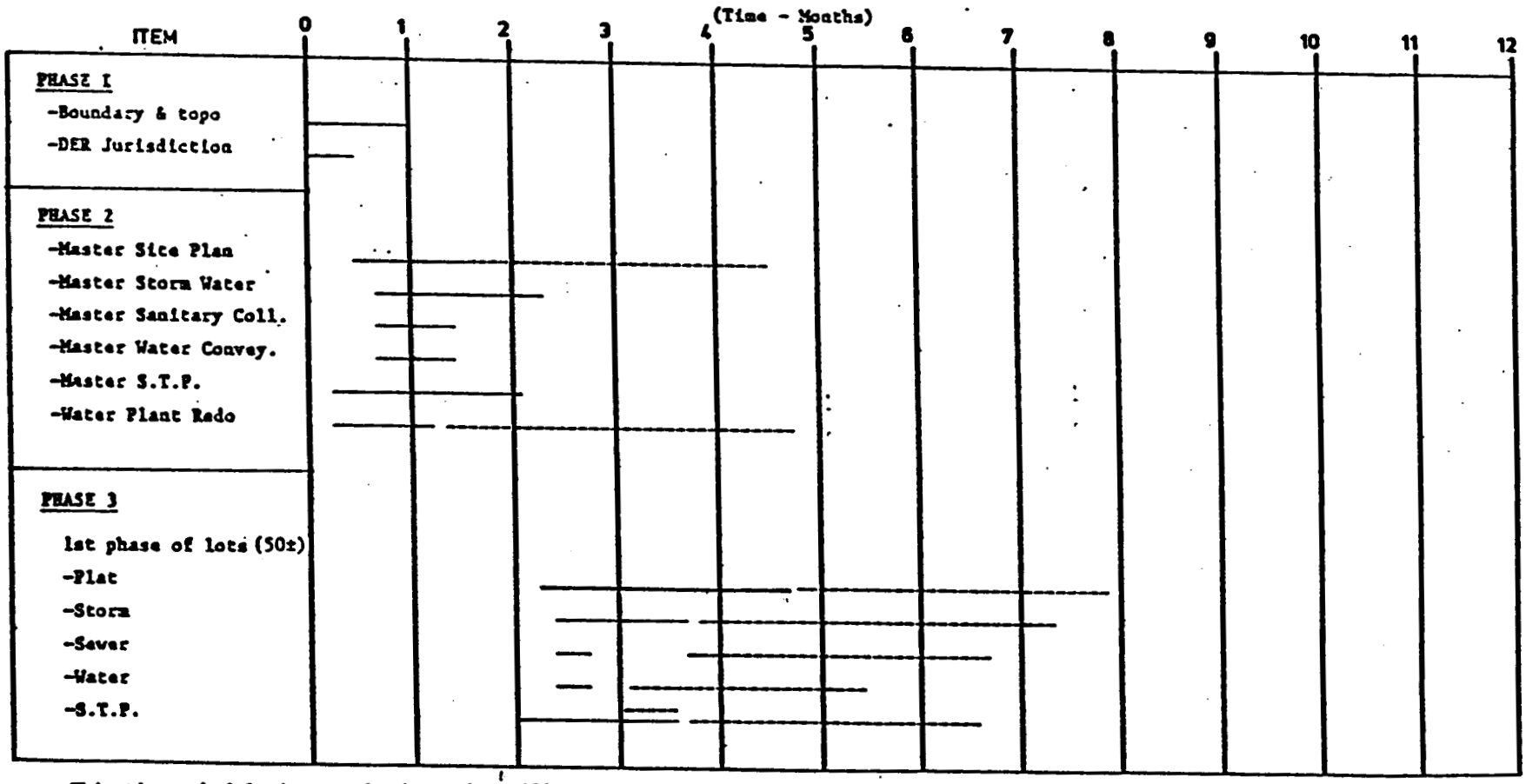
_____
Date

*If you are not the owner as defined in Chapter 813, Florida Statutes, please attach an Exhibit "A" to this Proposal/ Contract, giving us the warranty deed owner's name and mailing address.

HUNTERS CREEK

APPROXIMATE TIME SCHEDULE

(NO DRI)



This time schedule is very basic. Alot will have to do with the number of units per phase that will be constructed.

DESIGN ————

APPROVALS ————

Spectra Engineering and Surveying, Inc.

February 20, 1989

Ernest MacLachlan
Route 1, Box 433C
Punta Gorda, Florida 33982

RE: Hunter's Creek
#88-4216

Dear Mr. MacLachlan:

At this time we would like to advise you that Phase One has been completed, as outlined in our Proposal dated August 11, 1988. As part of the first phase, we performed an investigation to determine the best method of disposing of the brine solution from the R/O plant.

During the last meeting with the Department of Environmental Regulation (D.E.R.) on January 27, 1989, we informed them that the best solution to the problem would be to spray irrigate the land under the Florida Power & Light Company easement and a sod field. As you know, D.E.R. recommended that we use that as a second option and evaluate the existing water adjacent to the site for direct discharge to such waters. This task was not part of the original Proposal for services to you. Therefore, we are recommending the addition of a new phase to the planning process.

The purpose of this new task is to prove to D.E.R. that the receiving waters adjacent to the site have the ability to receive the concentrated brine solution without polluting the waters. This analysis will be accomplished by obtaining water samples, profiling the stream, and meetings with the reviewing agencies for a concept approval.

848 Tamiami Trail, Port Charlotte, Florida 33954 (813) 627-3366

It must be noted that this phase of the planning will not be for the actual permit submission, but to obtain a concept approval so that the permitting procedure will move forward smoothly. Attached is a projected cost for the remainder of the project and a Proposal/Contract for the next phase.

After your review of this information, please contact us so we may explain any areas in question.

Very truly yours,

SPECTRA ENGINEERING & SURVEYING, INC.

William L. Murray, P.E.
President

WLM/cl

Encl.

PROPOSAL/CONTRACT

FOR

HUNTERS CREEK

FEBRUARY 20, 1989

PROJECT:

This Proposal/Contract is for Phase II of the Hunter's Creek R/O plant evaluation. Under this Phase, SPECTRA and it's consultants will evaluate the waters adjacent to the Hunter's Creek project for the possible discharge of the brine solution to such waters.

SERVICES:

This firm and it's consultants will provide an evaluation of the waters adjacent to the Hutner's Creek project. This evaluation will include sampling of the waters, laboratory analysis, profiling the stream, collection of additional information for the permits that will be required and meetings with the reviewing agencies.

It must be noted that the actual submission for permits will not occur.

TOTAL FEE $22,000.00

The following items are not inlcuded in this Proposal/Contract: reproduction of plans, submission fees, legal descriptions, construction plans and/or permit applications.

Spectra Engineering and Surveying, Inc.

February 21, 1989

Ernest MacLachlan
Route 1, Box 433C
Punta Gorda, Florida 33982

RE: Hunter's Creek
Phase II
Proposal/Contract

Dear Mr. MacLachlan:

Please find attached, a Proposal/Contract for Phase II of the above referenced project. This Proposal/Contract is for services relating to the brine discharge system at Hunter's Creek. This Proposal/Contract is based upon meetings with the Department of Environmental Regulation and present standards for stream discharge.

If you have any questions, please contact us.

Very truly yours,

SPECTRA ENGINEERING & SURVEYING, INC.

William L. Murray, P.E.
President

WLM/cl

Encl.

848 Tamiami Trail, Port Charlotte, Florida 33954 (813) 627-3366

M&A

MISSIMER AND ASSOCIATES, INC.

Consulting Hydrologists · Geologists · Environmental Scientists

428 PINE ISLAND ROAD, S.W.
CAPE CORAL, FLORIDA 33991
PHONE (813) 574-1919
FAX 813-574-8106

THOMAS M. MISSIMER, P.G.
RICHARD L. HOLZINGER
LARRY K. HOLLAND, P.G.
LLOYD E. HORVATH, P.E.
THOMAS H. O'DONNELL, P.G.

W. KIRK MARTIN, P.G.
MICHAEL J. WESTPHALL, P.G.
BILL W. JOHNSON, P.G.

February 3, 1989

Mr. Harry Farrar
Spectra Engineering and Surveying, Inc.
848 Tamiami Trail
Port Charlotte, Florida 33954

RE: Proposal Hunters Creek Brine Disposal

Dear Harry,

Herewith is our cost estimate for stream profiling and water sampling as required to support permitting of R.O. brine disposal into Hunters Creek. It is my understanding that Missimer and Associates, Inc. will not actually be obtaining the required permits but will be supplying necessary data and recommendations to you for submittal of permit applications. Permits that will probably be required are: Industrial Discharge (FDER), Dredge and Fill (FDER), Wastewater Treatment Facility (FDER), Drinking Water Treatment Facility (FDER), Water Use (SWFWMD), National Pollution Discharge Elimination System (USEPA), and possibly some interaction with the Army Corps of Engineers.

You will note that the stream profiling and water characterization is fairly labor intensive but laboratory fees are extreme. The laboratory analysis of the well water should be sent to Ian Watson so he can give an estimate of brine quality for each of the required parameters for comparison to creek quality. Please let me know if you have any questions or which to schedule this work.

Sincerely,

MISSIMER AND ASSOCIATES, INC.

W. Kirk Martin

W. Kirk Martin, P. G.
Senior Hydrologist

WKM:gng

PROPOSAL FOR PROFILING AND
WATER QUALITY TESTING OF HUNTERS CREEK

Consulting Fees

Task	Fee
Profile Creek - 3 transects - 15 soundings	$ 4400.00
Sample Creek - 18 samples - analyze for temperature, dissolved oxygen, pH, and specific conductance - 1 samples for laboratory analysis of F.A.C. 17-3 Class III waters	2100.00
Groundwater Sample -1 sample for laboratory analysis of F.A.C. 17-3 Class III waters	300.00
Data analysis, interpretation, reporting and administration	4100.00
Aid Spectra Engineering in permit process - time and materials basis estimate 40 hrs. @ $80/hour	3200.00
Consulting Fees Sub-Total:	$ 14,100.00

Laboratory Fees

Items	Unit Cost	Fee
2 samples analyzed for parameters dictated in F.A.C. Chapter 17-~~22~~ 3 for Class III surface waters	$960/ea.	$ 1920.00
Laboratory Fees Sub-Total:		$ 1920.00
Total Cost Estimate		$ 16,020.00

Note: If additional samples are required by DER for 17-3 parameters, then cost will be on time and materials basis plus laboratory fees.

PROJECT AUTHORIZATION - R.O. BRINE
DISPOSAL TO HUNTERS CREEK

This Agreement authorizes Missimer and Associates, Inc. to perform work indicated in the attached proposal for stream characterization at Hunters Creek dated February 3, 1989. Project cost estimate is $16,020.

Billings by Missimer and Associates, Inc. are sent out near the first day of the month. Payment is to be made within 30 days of the invoice date and late invoices may be charged at a rate of 1-1/2% per month beyond 30 days. In the unfortunate event that legal action is necessary to collect invoices, the costs incurred in the legal collection process will be paid to the prevailing party.

This authorization constitutes a legal contract under the laws of the State of Florida. The undersigned parties have reviewed this document and agree to the scope of services to be provided and all terms of the contract.

FOR: MISSIMER AND ASSOCIATES

_____ _____
W. Kirk Martin, P. G. Date
Senior Hydrologist

FOR: Spectra Engineering & Surveying, Inc.

_____ _____
Date

_____
Title

MISSIMER AND ASSOCIATES, INC.

HOURLY RATE SCHEDULE

EFFECTIVE NOVEMBER 1, 1988

President	$120/hour
Principal Hydrologist - Vice President	$ 92/hour
Remediation Engineer P.E.	$ 85/hour
Senior Project Manager	$ 75/hour
Senior Hydrologist, P.G.	$ 68/hour
Senior Hydrologist	$ 65/hour
Senior Chemist	$ 65/hour
Health and Safety Officer	$ 65/hour
Quality Assurance Officer	$ 65/hour
Project Manager	$ 65/hour
Engineer	$ 60/hour
Environmental Scientist	$ 55/hour
Computer Programmer	$ 55/hour
Hydrologist - Geologist	$ 50/hour
Biologist	$ 50/hour
Senior Hydrologic Technician	$ 45/hour
Hydrologic Technician	$ 40/hour
Draftsperson	$ 35/hour
Clerical	$ 27/hour

Spectra Engineering and Surveying, Inc.

March 16, 1989

Missimer and Associates
Route 8, Box 625-D
428 Pine Island Road
Cape Coral, Florida 33991

ATTN: Kirk Martin

RE: Hunter's Creek

Dear Kirk:

SPECTRA Engineering and Surveying, Inc. hereby authorizes your company to proceed with your profile of the stream and sampling of the water, as required to support the permitting of direct discharge brine disposal.

We appreciate your attention to this matter as soon as possible. We look forward to hearing from you periodically concerning the status of this project.

Sincerely,

SPECTRA ENGINEERING AND SURVEYING, INC.

Harry J. Farrar, Jr., P.E.
Director of Engineering

HJF/br

848 Tamiami Trail, Port Charlotte, Florida 33954 (813) 627-3366

UTILITY NAME: Hunter Creek Utilities, LLC

YEAR OF REPORT DECEMBER 31 2000

CONTRIBUTIONS IN AID OF CONSTRUCTION (271)

(a)	Water (b)	Wastewater (c)	Total (d)
1) Balance first of year	$ 0	$ 0	$ 0
2) Add credits during year	$ 35,895	$	$ 35,895
3) Total	35,895		35,895
4) Deduct charges during the year	35,895		35,895
5) Balance end of year	0		0
6) Less Accumulated Amortization	1196		1196
7) Net CIAC	$ 34,699	$ 0	$ 34,699

ADDITIONS TO CONTRIBUTIONS IN AID OF CONSTRUCTION DURING YEAR (CREDITS)

Report below all developers or contractors agreements from which cash or property was received during the year.	Indicate "Cash" or "Property"	Water	Wastewater
DEP grant	Cash	35,895	
Sub-total		$35,895	$ 0

Report below all capacity charges, main extension charges and customer connection charges received during the year.

Description of Charge	Number of Connections	Charge per Connection	Water	Wastewater
None		$	$	$
Total Credits During Year (Must agree with line # 2 above.)			$ 35,895	$ 0

ACCUMULATED AMORTIZATION OF CIAC (272)

	Water	Wastewater	Total
Balance First of Year	$ 0	$ 0	$ 0
Add Credits During Year	35,895		35,895
Deduct Debits During Year	1196		1196
Balance End of Year (Must agree with line #6 above.)	$ 1196	$	$ 1196

STATE OF FLORIDA

OFFICE OF COMPTROLLER

REMITTANCE ADVICE

4-30 654 02

THIS IS NOT A PAYMENT DEV

SAMAS ACCOUNT CODE	OLO	SITE	DOCUMENT NUMBER	OBJECT	DATE	PAYMENT
37-202780001-37350000-00-10149200	370000	02	D0000269009	4990	11/03/99	090789

PAYMENT AMOUNT

$ 11,896.20

DO NOT CASH

AGENCY DOCUMENT NO

VCF4869

RIVERS EDGE INC
1601 HUNTER CREEK RD
PUNTA GORDA FL 33982

PLEASE DIRECT QUESTIONS TO: (850) 488-0605, ENVIRON. PROTECTION - DISB.

INVOICE NUMBER	AMOUNT
915272-1	$ 11,896.20

DETACH CAREFULLY AND RETAIN FOR YOUR RECORDS BEFORE CASHING OR DEPOSITING THE WARRANT

Rivers Edge, Inc.
1601 Hunter Creek Drive
Punta Gorda, FL 33982
941-637-5757

October 18, 1999

INVOICE

Andres E. Kraul PE
DEP - Water Supply
Twin Tower Building Room 569C
2600 Blair Stove Road MS 3506
Tallahassee, FL 32399-2400

Re: PO #S 3700 915372

Enclosed is a paid invoice in the amount of $13,218.00 paid to Hydropro as a down payment on the purchase of a new 20,000 GPD Reverse Osmosis filtration system.

I am requesting reimbursement for the same. However, I realize that I will only receive a percentage of this amount.

Sincerely,

John Leonette, President
Rivers Edge, Inc.

Payment Requested		10% "Retainage"		Payment Amount
$13,218	–	1,321.80	=	$11,896.20

RECEIVED
OCT 22 1999
PROCUREMENT & ACCOUNTING

RECEIVED
OCT 20 1999

HYDROPRO, INC. 1346 South Killian Drive, Lake Park, Florida U$A 33403

FAX TRANSMITTAL · Total Pages (including this page) 1

To:

John Leonetti
Rivers Edge
Fax: 914-733-5840

From:

Mary C. Aguiar
Hydropro, Inc
1346 S Killian Drive
Lake Park, FL 33403
Phone: 561-848-6788 Fax:561-881-0315

RE. Rivers Edge

John,

This fax is to confirm the receipt of your check in the amount of $13,218.00, for a deposit on a new B_2FS reverse osmosis unit.

On behalf of Hydropro, Inc. I would once again thank you for your business. If you have any questions or require additional information, please do not hesitate to contact me.

Mary

STATE OF FLORIDA
OFFICE OF COMPTROLLER
REMITTANCE ADVICE

4-31 047 747

THIS IS NOT A PAYMENT DEV

SAMAS ACCOUNT CODE	OLO	SITE	DOCUMENT NUMBER	OBJECT	DATE	PAYMENT
37-202780001-37350000-00-10149200	370000	02	D0000363371	4990	12/17/99	12351(

PAYMENT AMOUNT
$ 4,410.00

DO NOT CASH

AGENCY DOCUMENT NO
VCF9008

RIVERS EDGE INC
1601 HUNTER CREEK RD
PUNTA GORDA FL 33982

PLEASE DIRECT QUESTIONS TO: (850) 488-0605, ENVIRON. PROTECTION - DISB.

INVOICE NUMBER	AMOUNT
915272-2	$ 4,410.00

DETACH CAREFULLY AND RETAIN FOR YOUR RECORDS BEFORE CASHING OR DEPOSITING THE WARRANT

SAMAS ACCOUNT CODE	DOCUMENT NO.	OBJECT	DATE	WARRANT NO	63-69 / 630
37-202780001-37350000-00-10149200	D0000363371	4990	12/17/99	1235108	

VOID AFTER 12 MONTHS

4-31 047 747

STATE OF FLORIDA
OFFICE OF COMPTROLLER

PAY

FOUR-THOUSAND-FOUR-HUNDRED-TEN & 00/100 DOLLARS

AMOUNT
$*****4,410.0(

TO THE ORDER OF:

RIVERS EDGE INC
1601 HUNTER CREEK RD
PUNTA GORDA FL 33982

VENDOR ID NUMBER

EXPENSE WARRANT

TO: TREASURER OF FLOR
TALLAHASSEE

COMPTROLLER OF FLORIDA

STATE OF FLORIDA
FLA. DEPARTMENT OF ENVIRONMENTAL PROTECTION

PURCHASE ORDER

PO NO: S 3700 915272
ISSUE DATE: JUNE 24, 1999

PO NUMBER MUST APPEAR ON ALL CORRESPONDENCE, SHIPMENTS, AND INVOICES. SEE REVERSE SIDE FOR ADDITIONAL TERMS AND CONDITIONS.

REFER TO: ANDRES KRAUL 850/4888163
SHIP TO: DEP-WATER SUPPLY
TWIN TOWERS BLDG RM 569C
2600 BLAIR STONE RD MS 3506
TALLAHASSEE FL 32399-2400

INVOICE TO: DEP-WATER SUPPLY
TWIN TOWERS BLDG RM 569C
2600 BLAIR STONE RD MS 3506
TALLAHASSEE FL 32399-2-

VENDOR (NOT TRANSFERABLE)

RIVERS EDGE INC
1601 HUNTER CREEK RD
PUNTA GORDA FL 33982

VEN#: F650225456001
CMBE: A
BID/QUOTE/CONT NO:

CHANGE ORDER

*** CHANGE ORDER NO. 1 - DO NOT DUPLICATE ***

VENDOR PHONE # 941/637-5757

ATTN: JOHN LEONETTE

STATE SALES TAX EXEMPT

FOB: DESTINATION FGT: FRT INCLUDED IN PRI

P.O. LINE	COMMODITY CODE/DESCRIPTION	QUANTITY AND UNIT	UNIT PRICE	EXTENDED TOTAL
C 1	991 890 000 0000 FURNISH ALL LABOR, EQUIPMENT AND MATERIALS TO INSTALL A 20,000-GALLON/DAY REVERSE OSMOSIS FILTRATION SYSTEM AT THE RIVERS EDGE WATER SYSTEM IN PONTA GORDA, FL. THE TOTAL COST OF THE PROJECT EXCEEDS $30,834. HOWEVER, DEP'S SHARE OF THE PROJECT IS LIMITED TO $24,667.00	1 JOB	$35,895.000 0.000% DISC TAKEN	$35,895.0

THIS IS A FRANCHISED SERVICE AREA

PAYMENTS WILL BE PROCESSED AS INVOICES ARE SUBMITTED AND SERVICES REVIEWED AND APPROVED.

RESTORATION/REPLACEMENT OF POTABLE WATER WATER WELL CONTAMINATED BY GROSS ALPHA AND RADIUM-226 & 228, AS SPECIFIED IN CHAPTER 376, FL. STATUTES.

$11228. ADDED 12/15/99 - ORIGINAL PO AMOUNT WAS BASED ON A COST ESTIMATE AND DID NOT INCLUDE COSTS FOR ENGINEERING, INSTALLATION, CONSTRUCTION, AND

CONTINUED ON NEXT PAGE

STATE OF FLORIDA PURCHASE ORDER PO NO: S 3700 915272
FLA. DEPARTMENT OF ENVIRONMENTAL PROTECTION ISSUE PAGE: 2

*** CHANGE ORDER NO. 1 - DO NOT DUPLICATE ***

CLEARANCE OF THE SYSTEM, ETC.

THE STATE OF FLORIDA'S PERFORMANCE AND OBLIGATION TO PAY UNDER THIS CONTRACT IS CONTINGENT UPON AN ANNUAL APPROPRIATION BY THE LEGISLATURE.

DELIVER ON OR BEFORE: 06/20/2000
PURCHASE CODE: F ONE OR NO BID RESPONSE

ADDITIONAL CONDITIONS/INSTRUCTIONS

BWFF-99-WS-115
FUND 780001
CATEGORY 101492
MODULE # 8249

TOTAL $35,895.0

REQ NO	ORIGINATOR	P.A. / TELEPHONE
NONE		JOANN WEBB 850-488-6711

ORG. CODE---	EO	VR	OBJECT	ENCUMBRANCE	AMOUNT	VENDOR NO	P/O NUMBER
35 20 40 603	87	01	499080	$0.00	$35,895.00	F650225456 001	S 3700 915272

BY:
AS AGENT FOR ABOVE NAMED GOVERNMENT ENTITY

END OF PURCHASE ORDER LINE ITEM COUNT: 1 **********

33,564.67

Rivers Edge, Inc.
1601 Hunter Creek Drive
Punta Gorda, FL. 33982
941-637-5757

December 9,1999

Andres E Kraul P.E
DEP – Water Supply
Twin Tower Building Room 569C
2600 Blair Stone Road MS 3506
Tallahassee, Fl. 32399-2400

Re: PO #S 3700 915372

Enclosed are copies of invoices in the amount of $4900.48 paid to A&A Engineering, regarding engineering services provided for the new Reverse Osmosis Filtration system.

I am requesting reinbursement for the same. However, I realize that I will only receive a percentage of this amount.

AEK

Payment Requested – 10% "Retainage" Payment Amount
$4,900.00 – $490.00 = $4,410.00

Sincerely,

John Leonette

John Leonette, President
Rivers Edge, Inc.

RECEIVED
DEC 9 1999
WATER SUPPLY
RESTORATION

RECEIVED
DEC 10 1999
DEP
Finance & Accounting

Attachment #3
December 3, 1999

Engineering Cost Summary

Reverse Osmosis Filtration Unit
Rivers Edge WTP
PWS ID No. 5084074

A & A Engineering - Professional Services for Design and Permitting Requirements for replacement R.O. Unit

Invoice Period 8/28/99 to 9/24/99	$ 768
Invoice Period 9/25/99 to 10/29/99	$2,293
Invoice Period 11/1/99 to 11/5/99	$1,839
Total	$4,900

STATE OF FLORIDA
OFFICE OF COMPTROLLER
REMITTANCE ADVICE

4-31 775 93

THIS IS NOT A PAYMENT DEVICE

SAMAS ACCOUNT CODE	OLO	SITE	DOCUMENT NUMBER	OBJECT	DATE	PAYMENT NO
37-202780001-37350000-00-10149200	370000	02	D0000521004	4990	03/02/00	1774740

PAYMENT AMOUNT
$ 17,674.92

DO NOT CASH

AGENCY DOCUMENT NO
VD57639

RIVERS EDGE INC
1601 HUNTER CREEK RD
PUNTA GORDA FL 33982

PLEASE DIRECT QUESTIONS TO: (850) 488-0805, ENVIRON. PROTECTION - DISB.

INVOICE NUMBER	AMOUNT
020900	$ 17,674.92

DETACH CAREFULLY AND RETAIN FOR YOUR RECORDS BEFORE CASHING OR DEPOSITING THE WARRANT

RECEIVED

FEB 15 2000

WATER SUPPLY
RESTORATION

Rivers Edge Inc.
1601 Hunter Creek Drive
Punta Gorda, Fl. 33982
(941)-637-5757

February 9, 2000

INVOICE

Andres E. Kraul P.E.
DEP – Water Supply
Twin Tower Building Room 569C
2600 Blair Stone Road MS 3506
Tallahassee, Fl. 32399-2400

Re: PO#S 37009152 72

The R.O. has been delivered and installed. Enclosed are copies of invoices in the amount of $33,564.67 paid to HYDROPRO, INC.

I am requesting reinbursement for same. However, I realize that I will only receive a percentage of this amount.

Sincerely,

John Leonette

John Leonette, President
Rivers Edge, Inc.

$ 19,638.80 left on PO
- 1,963.88 Retainage

$ 17,674.92 Payment Amount

FEB 16 2000

STATE OF FLORIDA
OFFICE OF COMPTROLLER
REMITTANCE ADVICE

4- 31 807 2

THIS IS NOT A PAYMENT DEVIC

SAMAS ACCOUNT CODE	OLO	SITE	DOCUMENT NUMBER	OBJECT	DATE	PAYMENT N
37-202780001-37350000-00-10149200	370000	02	D0000530300	4990	03/07/00	1805639

PAYMENT AMOUNT
$ 1,913.88

DO NOT CASH

AGENCY DOCUMENT NO
VD57763

RIVERS EDGE INC
1601 HUNTER CREEK RD
PUNTA GORDA FL 33982

PLEASE DIRECT QUESTIONS TO: (850) 488-0805, ENVIRON. PROTECTION - DISB.

INVOICE NUMBER	AMOUNT
915272	$ 1,913.88

DETACH CAREFULLY AND RETAIN FOR YOUR RECORDS BEFORE CASHING OR DEPOSITING THE WARRANT

RECEIVED

FEB 28 2000

WATER SUPPLY
RESTORATION

Rivers Edge Inc.
1601 Hunter Creek Drive
Punta Gorda, Fl. 33982
(941)-637-5757

February 9, 2000

INVOICE

Andres E. Kraul P.E.
DEP – Water Supply
Twin Tower Building Room 569C
2600 Blair Stone Road MS 3506
Tallahassee, Fl. 32399-2400

Re: PO#S 37009152372

The R.O. has been delivered and installed. Enclosed are copies of invoices in the amount of $33,564.67 paid to HYDROPRO, INC.

I am requesting reinbursement for same. However, I realize that I will only receive a percentage of this amount.

Pay $1,913.88
(Amount left on this PO!)

Sincerely,

John Leonette

John Leonette, President
Rivers Edge, Inc.

RECEIVED
DISBURSEMENT SECTION
FINANCE AND ACCOUNTING

2000 FEB 29 PM 4:41

DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Distribution Reservoirs

COST OF 10,000 GALS OF STORAGE	$ 5,000
TOTAL STORAGE UNITS TO EQUAL 30,000 GALS	× 3
TOTAL COST OF STORAGE (NON PRESSURE)	15,000
COST OF PRESSURIZED STORAGE	8,500
TOTAL COST OF DISTRIBUTION RESERVOIRS	$ 23,500

3. WATER TREATMENT UNITS (cont.)

3.2.3 - CONTRACTOR REQUIREMENTS - The contractor shall furnish the owner with "single-line sketches" depicting preferred building size and equipment locations together with equipment and control power supply sizes and preferred locations.

The contractor furnished sketches defined in this paragraph will not be intended as construction documents.

3.3.4 - BRINE WASTE PIPING AND DISCHARGE STRUCTURE - The brine waste piping (2" Sch. 40 P.V.C.) and applicable discharge structure are excluded from this proposal.

4. WATER STORAGE UNITS (see Exhibit three)

4.1 - NON-PRESSURIZED STORAGE - INTERIM ONLY #5000

Furnish and install two (2) pre-fabricated re-enforced concrete 5,000 gallon capacity tanks (total 10,000 gallon capacity) with applicable piping, valving and level controls. All exposed tank surfaces will be coated with two (2) coats of approved P.V.A. paint. Poly Vinyl Acrylic

4.2 - PRESSURIZED STORAGE - ULTIMATE - Furnish and install a welded steel 5,000 gallon, horizontal, hydropneumatic pressurized storage tank complete with appropriate gaging and valving, an access cover, level controls, saddles and an "Add-Air" system. The tank shall have a 40-60 PSI working pressure and shall be rated at 125 PSI maximum pressure. The tank shall be "innertol" finished on the interior and have a primed exterior.

4.3 - EXCLUSIONS - Storage unit site preparation, site security and site restoration are excluded from this proposal.

5. PRESSURIZATION SYSTEM - ULTIMATE

5.1 - Furnish and install two (2) high service pumps, 208 GPM @ 160' TDH each (see exhibit five) complete with isolation valving, interconnecting piping, pump starters and controls.

5.2 - EXCLUSIONS - High service pump electrical power supplies to pump starters are excluded from this proposal.

Proposal

THE AGRI-PUMP SYSTEMS, INC.
P. O. Box 6851
Fort Myers, Florida 33901
(813) 995-3512

ALTERNATE PROPOSAL

PROPOSAL SUBMITTED TO: Loreda Development, Inc.	PHONE: 629-5007	DATE: Jan. 8, 1981
STREET: 910 Kings Highway	JOB NAME: Hunter Creek Village LTD.	
CITY, STATE AND ZIP CODE: Lake Suzy, Fla. 33821	JOB LOCATION: Kings Highway	
ARCHITECT: Att: Mr. D. Sheppard / DATE OF PLANS:	Pt. Charlotte, Fla.	JOB PHONE:

We hereby submit specifications and estimates for:

Agri-Pump Systems, Inc. agrees to furnish, install and test equipment and systems per the provisions of the attached proposal, section two and exhibits dated January 8, 1981, for a lump sum price of one hundred and twenty one thousand and two hundred dollars ~~($121,200.)~~ $114,780

TIME TO COMPLETION

The time required to complete the work specified herein is ninety (90) calander days from the date of acceptance of the proposal by the owner.. The contractor's proposed time to completion is predicated on estimated R.O. skid delivery and owner's completion of owner furnished items as defined in section two of the proposal.

TERMS OF PAYMENT

Initial payment - Upon acceptance of proposal - amount of payment due - $35,000.

2nd payment - State construction permits approved settling tanks, pumps (except R.O. feed pump) partial control system components and partial piping gallery components on site. Amount of payment due - $30,000.

Stor. - add $10,000 + $5,000 = $15,000
Figure - $7500/perm. in future

We Propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:

_____ dollars ($ _____).

Payment to be made as follows:

ABOVE

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature: Mark Markley, Pres. — Mark Markley

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _____

Signature _____

Date of Acceptance: _____

Proposal

THE AGRI-PUMP SYSTEMS, INC.
P. O. Box 6851
Fort Myers, Florida 33901
(813) 995-3512

ALTERNATE PROPOSAL

PROPOSAL SUBMITTED TO: Loreda Development, Inc.	PHONE: 629-5007	DATE: Jan. 8, 1981
STREET: 910 Kings Highway	JOB NAME: Hunter Creek Village LTD.	
CITY, STATE AND ZIP CODE: Lake Suzy, Fla. 33821	JOB LOCATION: Kings Highway	
ARCHITECT: Att: Mr. D. Sheppard / DATE OF PLANS:	Pt. Charlotte, Fla.	JOB PHONE:

We hereby submit specifications and estimates for:

3rd Payment - Partial R.O. systems on site, piping gallery installed settling tank and pressure tank installed and connected to system. High service pumps installed. Amount of payment due -

$30,000.

4th Payment - R.O. skid installed, systems inter-connection test completed. Amount of payment due -

$26,200.

OPTIONS

1. Change pressurize storage (total volume 15,000 gallons, total usable volume = 4,500 gallons) to accommodate ultimate fire flow. Add to base alternate proposal - $8,500.

2. Add cleaning system - module or Macro Pak. Add to base proposal - $1,725.

3. Add test equipment. Add to base alternate proposal - $1,150.

875

We Propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:

_____ dollars ($ _____).

Payment to be made as follows:

ABOVE

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Mark Markley, Pres.

Authorized Signature: Mark Markley

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _____

Signature _____

Date of Acceptance: _____

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Transmission & Distribution Lines

COST OF WATER LINES	$ 31,687
COST OF BLOW OFF ASSEMBLIES	900
COST OF GATE VALVES	2,520
TOTAL COST OF WATER LINES	$ 35,107

HUNTER'S CREEK UTILITY
ORIGINAL COST STUDY
WATER DISTRIBTION AND SUPPLY LINES

Line No.	(A) Description	(B) Length in Feet Water Mains	(C) Cost of Water Lines Per Foot	(D) Total Cost of Water Lines	(E) Total Cost of Raw Water Lines	(F) Cost of Blow Off Assemb.	(G) Cost of Gate Valves	(H) Cost of Fire Hydrants	(I) Number of Double Services	(J) Cost of Double Service	(K) Total Cost of Double Service	(L) Number of Single Services	(M) Cost of Single Service	(N) Total Cost of Single Service
1														
2	Year 1981													
3	Run #1													
4	2" blow off					$300.00			16	$200.00	$3,200.00	2	$175.00	$350.00
5	4" PVC WM	45	$5.95	$267.75										
6	4" PVC WM	50	5.95	297.50										
7	4" PVC WM	35	5.95	208.25										
8	4" PVC WM	43	5.95	255.85										
9	4" PVC WM	215	5.95	1,279.25										
10	Fire Hydrant							$700.00						
11	6" PVC WM	147	7.80	1,146.60										
12	6" PVC WM	19	7.80	148.20										
13	6" PVC WM	408	7.80	3,182.40										
14	6" tee													
15	6" PVC WM	110	7.80	858.00										
16	6" tee													
17	Run #2													
18	2" blow off					replaced			2	200.00	400.00			
19	6" G.V						$315.00							
20	6" PVC WM	100	7.80	780.00										
21	6" tee													
22	Run #3													
23	2" blow off					replaced			5	200.00	1,000.00	2	175.00	350.00
24	6" PVC WM	45	7.80	351.00										
25	6" G.V													
26	6" PVC WM	25	7.80	195.00										
27	6" tee													
28	6" PVC WM	100	7.80	780.00										
29	Fire Hydrant							700.00						
30	6" G.V						315.00							
31	6" PVC WM	255	7.80	1,989.00										
32	6" tee													
33	6" PVC WM	120	7.80	936.00										
34	6" PVC WM	29	7.80	226.20										
35	Run #4 &#6													
36	2" blow off					300.00			15	200.00	3,000.00	3	175.00	525.00
37	6" PVC WM	318	7.80	2,480.40										
38	6" G.V						315.00							
39	Fire Hydrant							700.00						
40	6" PVC WM	180	7.80	1,404.00										
41	6" PVC WM	61	7.80	475.80										
42	6" PVC WM	104	7.80	811.20										
43	6" PVC WM	160	7.80	1,248.00										
44	6" G.V						315.00							
45	6" PVC WM	29	7.80	226.20										
46	6" tee													
47	6" PVC WM	46	7.80	358.80										
48	6" tee													
49	6" PVC WM	46	7.80	358.80										
50	6" tee													
51	6" PVC WM	35	7.80	273.00										
52	6" G.V						315.00							
53	6" PVC WM	243	7.80	1,895.40										
54	Run # 5													
55	2" blow off					300.00								
56	6" PVC WM	529	7.80	4,126.20					8	200.00	1,600.00			
57	6" G.V						315.00							
58	6" PVC WM	25	7.80	195.00										
59	6" tee													
60	6" PVC WM	29	7.80	226.20					5	200.00	1,000.00			
61	6" G.V						315.00							
62	6" PVC WM	241	7.80	1,879.80										
63	6" G.V						315.00							
64	Fire Hydrant							700.00						
65	Run #8 (Well #1 and Well #2 Raw Supply)													
66	3" PVC WM	505	5.00		2,525.00									
67	3" PVC WM	1500	5.00		7,500.00									
68	Main@WTP													
69	8" PVC WM	290	9.75	2,827.50										
70														
71	Totals 1981 Water Costs			$31,687.30	$10,025.00	$900.00	$2,520.00	$2,800.00	51		$10,200.00	7		$1,225.00
72														

ACTUAL FEET PER MAP

COST REFLECTED ON INVOICE

Do not think this is part of LSU's territory.

DESOTO LAND DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

November 30, 1980

	Units	Price	Amount
STORM SEWERS			
24" RCP	322 lf	28.50 lf	9,177.00
30" RCP	450 lf	35.00 lf	15,750.00
Catch Basins	2	800.00 ea.	1,600.00
Materials on Hand			14,000.00
			40,527.00
WATER			
6" PVC WM	2003 lf	7.80 lf	15,623.40
4" PVC WM	388 lf	5.95 lf	2,308.60
6" GV	4	315.00 ea	1,260.00
Fire Hydrants	4	700.00 ea	2,800.00
2" Blow Off	2	300.00 ea	600.00
Services-Double	28	200.00 ea	5,600.00
Services-Single	4	175.00 ea	700.00
Materials on Hand			9,700.00
			38,592.00
ROADS			
6" Shell Base	3533 sy	2.90 sy	10,245.70
12" Sub Base	6181 sy	2.45 sy	15,143.45
			25,389.15
SANITARY SEWER			
8" PVC 0'-6' Cuts	664 lf	9.65 lf	6,407.60
8" PVC 6'-8' Cuts	664 lf	13.25 lf	8,798.00
8" PVC 8'-10' Cuts	713 lf	16.50 lf	11,764.50
8" PVC 10'-12' Cuts	724 lf	21.00 lf	15,204.00
MH 0'-6'	4	795.00 ea	3,180.00
MH 6'-8'	1	965.00 ea	965.00
MH 8'-10'	2	1175.00 ea	2,350.00
MH 10'-12'	2	1500.00 ea	3,000.00
Services-Double	24	285.00 ea	6,840.00
Services-Single	13	260.00 ea	3,380.00
Lift Station	80%	25,000.00	20,000.00
Materials on Hand			10,500.00
			92,389.10
TREATMENT PLANT	90%	30,000.00	27,000.00
WATER TREATMENT PLANT			
Materials on Hand			8,000.00
EXCAVATION	50,000 cy	1.20 cy	60,000.00
GRADING LOTS	7	250.00	1,750.00
FILL POND	31,000 cy	1.20 cy	37,200.00
		TOTAL:	330,847.25
		Less Progress Payments: (See Attached Schedule)	320,602.59
		Balance Due DeSoto Land	$ 10,244.66

DESOTO LAND DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

STORM SEWERS	Units	Price	Amount
24x35	275 lf	38.00 lf	10,450.00
18" CMP	40 lf	18.50 lf	740.00
24" CMP	1 lf	27.50 lf	27.50
27" CMP	93 lf	30.50 lf	2,836.50
Catch Basins	6	800.00 ea.	4,800.00
			18,854.00
Less Materials on hand			18,000.00
Total Storm Sewers			854.00
WATER			
3" PVC WM	1870 lf	5.00 lf	9,350.00
8" PVC WM	800 lf	9.75 lf	7,800.00
6" PVC WM	1732 lf	7.80 lf	13,509.60
6" GV	6	315.00 ea.	1,890.00
2" Blowoff	1	300.00 ea.	300.00
Services-Double	21	200.00 ea.	4,200.00
Services-Single	4	175.00 ea.	700.00
			37,749.60
Less Materials on hand			9,700.00
Total Water			28,049.60
ROADS			
12" Sub Base	8363 sy	2.45 sy	20,489.35
			20,489.35
SANITARY SEWER			
Services-Double	24	285.00	6,840.00
Services-Single	2	260.00	520.00
Lift Station	1070	25,000.00	2,500.00
			9,860.00
Less Materials on hand			10,500.00
Total Sanitary Sewer			(640.00)
WATER TREATMENT PLANT	1070	270,000.00	27,000.00
Less Materials on hand			8,000.00
Total Water Treatment Plant			19,000.00
EXCAVATION	15,000 cy	1.20 cy	18,000.00
TOTAL BILLING			85,752.95

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTH FLORIDA DISTRICT
2269 BAY STREET
FORT MYERS, FLORIDA 33901

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PHILIP R. EDWARDS
DISTRICT MANAGER

June 18, 1982

Mr. Dave Sheppard, Chairman of the
Board
Loreda Development, Incorporated
910 Kings Highway
Lake Suzy, Florida 33821

RE: Charlotte County - WD
Hunter Creek Village WTP
764' on Pintail Lane beginning at S. plat line; 1446' on Wood Duck Drive beginning at Pintail Lane; 284' on Egret Street beginning at Wood Duck; 170' on Condor Drive beginning at Wood Duck Drive Only.

Dear Mr. Sheppard:

This acknowledges receipt of certification that the subject water distribution system extension has been completed in accordance with the plans and related materials permitted by this agency on Permit Number WD08-7593 dated May 13, 1981.

Based on this certification and satisfactory bacteriological results, we are approving these facilities for service. Your continued cooperation in our water supply program is appreciated.

Sincerely,

Philip R. Edwards

Philip R. Edwards
District Manager

PRE/JPC/ls

CC: Charlotte County Health Dept.
C. O. Morgan, P.E.

DER Form 17-1.122(60)

APPROVED
Proj.: Hunter Creek Village
WD08-7593
Date: 5-13-81
By: [illegible]

RECEIVED
APR 14 1981
H.R. SO. FLA. DISTRICT

PAID APR 14 1981

7593

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICATION FOR CONSTRUCTION PERMIT
PUBLIC DRINKING WATER SYSTEM

INSTRUCTIONS: All of the application forms, including engineering plans and specifications, must be completed and submitted. For construction of facilities consisting solely of pumping and disinfection, Parts A, B, C, D, and E 2. (d) through (f), as well as engineering plans and specifications, must be completed and submitted. Submission of any false statement or representation in this application is a violation of the law.

System Name: Hunter Creek Village County: Charlotte

System Address: Street 113 Hunter Creek Drive City: (Near) Punta Gorda

Applicant's Name and Title: Loreda Development, Inc.

Applicant's Address: 910 Kings Highway, Lake Suzy, Florida 33821

Utility Supplying Water Name: Hunter Creek Homeowner's Association

Utility Address: Hunter Creek Drive, Punta Gorda, Florida 33950 49371

Owner/Operator After Construction, if different: N/A 20.00

Owner/Operator Address: N/A DS

Type of Proposed Facility: Distribution System

To Serve: Mobile Home Subdivision
(Subdivision, school, trailer park, etc.)

A. Applicant:

I, the owner/authorized representative* of Loreda Development, Inc.

am fully aware that the statements made in this application for a permit to construct a Water Distribution Facility are true, correct and complete to the best of my knowledge and belief. Further, the undersigned agrees to maintain and operate the facility in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the department. The undersigned also understands that a permit, if granted by the department, will be non-transferable and will promptly notify the department upon sale or legal transfer of the permitted facility.

*Attach letter of authorization

Signed: [signature]
Owner/Authorized Representative

Dave Sheppard, Chairman of the Board
Name and Title (Please Type)

Date: _____ Telephone No. 813/629-5007

B. OWNER/AUTHORIZED REPRESENTATIVE OF UTILITY SUPPLYING WATER (if applicable)

The undersigned, owner/authorized representative* of Hunter Creek (Not Permitted) hereby certifies that the above reference utility has adequate reserve capacity to supply water to this project and will provide the necessary treatment as required by Chapter 403, Florida Statutes, and all rules and regulations of the department. Further, the undersigned verifies that his treatment plant is operating under a valid permit, No. _____ dated _____, issued by the department, and the connection of the proposed project will not be in violation of any condition of said permit.

*Attach letter of authorization

Signed: _____

_____
Name and Title (Please Type)

Date: _____ Telephone No. _____

C. OWNER/OPERATOR* AFTER CONSTRUCTION (if different from applicant)

I, the undersigned, do certify that I will become the owner/operator of the proposed facility after construction. Further, I certify that I am fully aware that the statements made in this application are true, correct and complete to the best of my knowledge. Also, I agree to operate and maintain the facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the department. I understand the permit is non-transferable and will promptly notify the department upon sale or legal transfer of the permitted establishment.

*If signed by an authorized agent, attach letter of authorization.

Signed: _____

_____
Name and Title (Please Type)

Date: _____ Telephone No. _____

D. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA

This is to certify that the engineering features of this public drinking water system have been designed/examined by me and found to be in conformity with modern engineering principles, applicable to the treatment and distribution of drinking water characterized in this application. There is reasonable assurance in my professional judgment that the facility, when constructed as planned and properly maintained and operated, will comply with all applicable statutes of the State of Florida and the rules and regulations of the department.

Signed: William N. Clark

William N. Clark
Name (Please Type)

(Affix Seal)

Craven Thompson & Associates, Inc. West
Company Name (Please Type)

310 Nesbit Street, Punta Gorda, FL 33950
Mailing Address (Please Type)

Florida Registration No. 20317 Date: 4/15/81 Telephone No. 813/639-8826

PART A – GENERAL

1. Estimated total cost of project _____ Water Treatment _____
2. Plant capacity increase (MGD) N/A Distribution $55,000. (Phase I - 100 Lots)
3. Previous permit number(s), if any None
4. Present population (municipality, institution, etc.) 0
5. Design population (additional served by this project) 750
6. Per capita consumption 100 GPD
7. Give any industrial users or abnormal demands N/A
8. Is plant designed for 24-hour operation or what portion? 24 Hours
9. Give characteristics of raw water (attach chemical analysis) N/A
10. Give source proposed water 2-4" Wells @ approx. 250' deep
(deep well, shallow well, spring, surface)
11. Sewage disposal Hunter Creek Homeowner's Assoc., Hunter Creek Drive, Punta Gorda, FL 339
(Name and address of sewerage utility)
12. Purified water storage: Capacity present elevated 0 Ground 30,000 Gal: (Prop.)
13. Static head in relation to pumping plant 0
14. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code? _____ Yes X No

PART B – DISTRIBUTION SYSTEM

1. Interconnection with other system N/A
2. Min. size pipe 4" Residual pressure at peak load 20 PSI
3. Is fire control provided in design? Yes
4. Describe dead-end conditions and necessity for flushing 1 - permanent 4" dead end, 4 tempory 6" dead end all with 2" blowoff
5. Cross-connection control program N/A

PART C – WELL SUPPLY N/A

Existing Wells									
NUMBERS									
SIZES									
DEPTHS									
PUMP (type)									
CAPACITY									

Proposed Wells									
NUMBERS									
SIZES									
DEPTHS									
PUMP (type)									
CAPACITY									

Type of construction _____ Casing _____

Give all geological data, including log of test wells or wells in vicinity (attach sheet)

Describe possible sources of contamination _____

PART D – SURFACE SUPPLIES N/A

1. Name of stream, lake, or pond _____
2. Show by attached map watershed, towns or communities above intake, industrial plants, and in immediate vicinity, farm house, picnic ground, abattoirs and other sources of pollution, with distance from intake. Locate intake on map.
3. Size of watershed in square miles _____ Est. Min. dry-weather flow at intake _____.
4. Basis of min. dry-weather flow estimate _____

C. OWNER/OPERATOR* AFTER CONSTRUCTION (if different from applicant)

I, the undersigned, do certify that I will become the owner/operator of the proposed facility after construction. Further, I certify that I am fully aware that the statements made in this application are true, correct and complete to the best of my knowledge. Also, I agree to operate and maintain the facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all rules and regulations of the department. I understand the permit is non-transferable and will promptly notify the department upon sale or legal transfer of the permitted establishment.

*If signed by an authorized agent, attach letter of authorization.

Signed: _____

_____
Name and Title (Please Type)

Date: _____ Telephone No. _____

D. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA

This is to certify that the engineering features of this public drinking water system have been designed/examined by me and found to be in conformity with modern engineering principles, applicable to the treatment and distribution of drinking water characterized in this application. There is reasonable assurance in my professional judgment that the facility, when constructed as planned and properly maintained and operated, will comply with all applicable statutes of the State of Florida and the rules and regulations of the department.

Signed: William N. Clark

William N. Clark
Name (Please Type)

Craven Thompson & Associates, Inc. West
Company Name (Please Type)

(Affix Seal)

310 Nesbit Street, Punta Gorda, Florida 3395
Mailing Address (Please Type)

Florida Registration No. 20317 Date: _____ Telephone No. 813/639-8826

PART A – GENERAL

1. Estimated total cost of project $185,000. (Phase I) Water Treatment $130,000. (Phase I) $160,000. (Ultimate)
2. Plant capacity increase (MGD) N/A Distribution $55,000. (Phase I - 100 lots
3. Previous permit number(s), if any None
4. Present population (municipality, institution, etc.) 0
5. Design population (additional served by this project) 750
6. Per capita consumption 100 GPD
7. Give any industrial users or abnormal demands N/A
8. Is plant designed for 24-hour operation or what portion? 24 Hours
9. Give characteristics of raw water (attach chemical analysis) See Attachment
10. Give source proposed water 2-4" Wells @ approx. 250' deep
(deep well, shallow well, spring, surface)
11. Sewage disposal Hunter Creek Homeowner's Assoc., Hunter Creek Drive, Punta Gorda, FL 33950
(Name and address of sewerage utility)
12. Purified water storage: Capacity present elevated 0 Ground 30,000. Gal: (prop
13. Static head in relation to pumping plant 0
14. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code? _____ Yes X No

PART B – DISTRIBUTION SYSTEM

Interconnection with other system N/A

Min. size pipe 4" Residual pressure at peak load 20 PSI

Is fire control provided in design? Yes

Describe dead-end conditions and necessity for flushing 1 - permanent 4" dead end, 4 tempory 6" dead ends all with 2" blowoff

Cross-connection control program N/A

PART C – WELL SUPPLY

Existing Wells

NUMBERS	1	2							
SIZES	4"	4"							
DEPTHS	250 ±	250 ±							
PUMP (type)	submersible								
CAPACITY	55 GPM	55 GPM							

* from in place pump test - pumps are Flint & Walling - 3 HP

Proposed Wells

NUMBERS	1								
SIZES	4"								
DEPTHS	250 ±								
PUMP (type)	submersible								
CAPACITY									

Type of construction Rotary Combination Casing PVC

Give all geological data, including log of test wells or wells in vicinity (attach sheet)

Describe possible sources of contamination Existing off site septic systems, Min. 500' from wells

PART D – SURFACE SUPPLIES N/A

1. Name of stream, lake, or pond
2. Show by attached map watershed, towns or communities above intake, industrial plants, and in immediate vicinity, farm house, picnic ground, abattoirs and other sources of pollution, with distance from intake. Locate intake on map.
3. Size of watershed in square miles Est. Min. dry weather flow at intake
4. Basis of min. dry-weather flow estimate

5.

	Existing Raw Water Pumps			Proposed Raw Water Pumps			
Type							
Capacity							
Suction Head							
Discharge Head							

PART E – TREATMENT PLANT

1. Type of treatment:

a) pumping and disinfection ____ b) conventional floc and settling ____ c) upflow ____

d) demineralization (type) Reverse Osmosis e) other ____

2. Design details:

a) emergency intake None bypass of raw water N/A b) Aeration: type Degassifier *

max. design rate 55 GPM detention 19 Hrs. offices 1 number of trays 0

loss of head N/A c) Service pumps: existing (no. & cap.) None

proposed (no. & cap.) 2 @ 208 GPM @ 160' Total Dynamic Head

d) Disinfection: type disinfectant. Hypochlorination

type, make, capacity and number of feeders Liquid Metrics Inc. - Model 81011 w/level switches & 30 Gal. fiberflass container - 2 feeds: 5-10 PPM after degass, 1-2 PPM after hig service pumps

e) Auxiliary power None Provided

f) Metering device and location Turbine type flow meter at hydro tank inlet

g) Mixing chamber (conventional): type N/A

dimensions ____ capacity ____ detention ____ velocity (at maximum

design rate) ____ Allowable head: total ____ per baffle ____

Mechanical agitator: size blade ____ motor ____ peripheral speed ____

bypass ____ drainage ____

h) Coagulating basins (conventional): N/A

capacity ____ detention time at maximum plant capacity ____ velocity ____

capacity of each compartment ____ Distribution flow inlet devices ____ outlet devices ____

i) Suspended solids contact units (upflow)

Process	Diameter	Capacity	Upflow rate	Detention period	Overflow rate
Softening	N/A				
Clarification	N/A				

Remarks: Reverse Osmosis system has PH adjustment & filtering before the permeators, with caustic & cholrine feeds and aeration (degassifier) afterward

* Degassifier air supply passes through a submicron, disposable ba: media, dry filter with a larger size prefilter in front.

j) Chemical dosing devices (other than disinfecting):

number of machines and type feeding: Alum _____. Lime _____ coagulant aid (name) _____

Activated Carbon _____ recarbonation _____ other PH and caustic adjust

number and size of solution tanks PH - acid, 50 Gal; polyphosphate, 50 Gal. Caustic - 100 Gal.

points of application See Agri-Pump Sketches - Sheet 1

size and kind of piping ¼" I.D., 3/8" O.D. -Poly tubing inside - black PVC outside

k) Filter Units:

type, material, number units 1 - 10 micron stack with cartridge - fiber membrane

areas, dimensions, capacity of each unit and for total plant 75 GPM Total

wash troughs, number and shape _____

dimensions and distance above sand (top trough and top sand)

spacing (c to c) _____

max. travel suspended particles _____

filtering material: gravel (depth & size) _____

sand or other media (specify) _____

depth of bed _____ mean effective size _____ m.m. uniformity coefficient _____

filter bottom: type _____

ratio total area of performations to sand area _____

laterals: size and spacing on manifold _____

performations: size and spacing on laterals _____

on manifold _____ ratio total area performations to total c.s. area of laterals _____

manifold size and cross-section area _____

backwash pump(s): type and design rate _____

depth water on sand: maximum _____ minimum _____ average _____

wash tank capacity _____

Appurtenances: loss of head gauges _____ rate of flow gauges _____ rate controllers _____

Clear well: location 1st settling tank ~~See Layout~~ capacity 5,00 Gal. dimensions 13'4" X 10' X 10'

l) Laboratory: room and bench space (areas) 1 area, approx. 75 sf (see diagram)

scope of tests provided for PH, TDS, Chlorides, Chlorine residual, permeator plug factor

m) Bypass to plant N/A _____ emergency intake N/A

n) List type and capacities of emergency well and service pumping units 2 seperate supply wells with submersible pumps, each capable of delivering 100% of daily flow requirements, thus providin a 100% mechanical standby.

o) Sketch of plant (schematic):

See Agri-Pump Sketches - Sheets 1 & 3

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Services

COST FOR DOUBLE SERVICES	$10,200
COST FOR SINGLE SERVICES	1,225
TOTAL COST OF SERVICES	$11,425

UNTER'S CREEK UTILITY
RIGINAL COST STUDY
WATER DISTRIBTION AND SUPPLY LINES

Line No.	(A) Description	(B) Length in Feet Water Mains	(C) Cost of Water Lines Per Foot	(D) Total Cost of Water Lines	(E) Total Cost of Raw Water Lines	(F) Cost of Blow Off Assemb.	(G) Cost of Gate Valves	(H) Cost of Fire Hydrants	(I) Number of Double Services	(J) Cost of Double Service	(K) Total Cost of Double Service	(L) Number of Single Services	(M) Cost of Single Service	(N) Total Cost of Single Service
1														
2	Year 1981													
3	Run #1													
4	2" blow off					$300.00			16	$200.00	$3,200.00	2	$175.00	$350.00
5	4" PVC WM	45	$5.95	$267.75										
6	4" PVC WM	50	5.95	297.50										
7	4" PVC WM	35	5.95	208.25										
8	4" PVC WM	43	5.95	255.85										
9	4" PVC WM	215	5.95	1,279.25										
10	Fire Hydrant							$700.00						
11	6" PVC WM	147	7.80	1,146.60										
12	6" PVC WM	19	7.80	148.20										
13	6" PVC WM	406	7.80	3,162.40										
14	6" tee													
15	6" PVC WM	110	7.80	858.00										
16	6" tee													
17	Run #2													
18	2" blow off					replaced			2	200.00	400.00			
19	6" G.V						$315.00							
20	6" PVC WM	100	7.80	780.00										
21	6" tee													
22	Run #3													
23	2" blow off					replaced			5	200.00	1,000.00	2	175.00	350.00
24	6" PVC WM	45	7.80	351.00										
25	6" G.V													
26	6" PVC WM	25	7.80	195.00										
27	6" tee													
28	6" PVC WM	100	7.80	780.00										
29	Fire Hydrant							700.00						
30	6" G.V						315.00							
31	6" PVC WM	255	7.80	1,989.00										
32	6" tee													
33	6" PVC WM	120	7.80	936.00										
34	6" PVC WM	29	7.80	226.20										
35	Run #4 & #6													
36	2" blow off					300.00			15	200.00	3,000.00	3	175.00	525.00
37	6" PVC WM	318	7.80	2,480.40										
38	6" G.V						315.00							
39	Fire Hydrant							700.00						
40	6" PVC WM	180	7.80	1,404.00										
41	6" PVC WM	61	7.80	475.80										
42	6" PVC WM	104	7.80	811.20										
43	6" PVC WM	160	7.80	1,248.00										
44	6" G.V						315.00							
45	6" PVC WM	29	7.80	226.20										
46	6" tee													
47	6" PVC WM	46	7.80	358.80										
48	6" tee													
49	6" PVC WM	46	7.80	358.80										
50	6" tee													
51	6" PVC WM	35	7.80	273.00										
52	6" G.V						315.00							
53	6" PVC WM	243	7.80	1,895.40										
54	Run #5													
55	2" blow off					300.00								
56	6" PVC WM	529	7.80	4,126.20					8	200.00	1,600.00			
57	6" G.V						315.00							
58	6" PVC WM	25	7.80	195.00										
59	6" tee													
60	6" PVC WM	29	7.80	226.20					5	200.00	1,000.00			
61	6" G.V						315.00							
62	6" PVC WM	241	7.80	1,879.80										
63	6" G.V						315.00							
64	Fire Hydrant							700.00						
65	Run #8 (Well #1 and Well #2 Raw Supply)													
66	3" PVC WM	505	5.00		2,525.00									
67	3" PVC WM	1500	5.00		7,500.00									
68	Main@WTP													
69	8" PVC WM	290	9.75	2,827.50										
70														
71	Totals 1981 Water Costs			$31,667.30	$10,025.00	$900.00	$2,520.00	$2,800.00	51		$10,200.00	7		$1,225.00
72														

COST PER SERVICE PER INVOICE

ACTUAL SERVICES PER MAP

Do not think this is part of LSU's territory.

DESOTO LAND DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

November 30, 1980

	Units	Price	Amount
STORM SEWERS			
24" RCP	322 lf	28.50 lf	9,177.00
30" RCP	450 lf	35.00 lf	15,750.00
Catch Basins	2	800.00 ea.	1,600.00
Materials on Hand			14,000.00
			40,527.00
WATER			
6" PVC WM	2003 lf	7.80 lf	15,623.40
4" PVC WM	388 lf	5.95 lf	2,308.60
6" GV	4	315.00 ea	1,260.00
Fire Hydrants	4	700.00 ea	2,800.00
2" Blow Off	2	300.00 ea	600.00
Services-Double	28	200.00 ea	5,600.00
Services-Single	4	175.00 ea	700.00
Materials on Hand			9,700.00
			38,592.00
ROADS			
6" Shell Base	3533 sy	2.90 sy	10,245.70
12" Sub Base	6181 sy	2.45 sy	15,143.45
			25,389.15
SANITARY SEWER			
8" PVC 0'-6' Cuts	664 lf	9.65 lf	6,407.60
8" PVC 6'-8' Cuts	664 lf	13.25 lf	8,798.00
8" PVC 8'-10' Cuts	713 lf	16.50 lf	11,764.50
8" PVC 10'-12' Cuts	724 lf	21.00 lf	15,204.00
MH 0'-6'	4	795.00 ea	3,180.00
MH 6'-8'	1	965.00 ea	965.00
MH 8'-10'	2	1175.00 ea	2,350.00
MH 10'-12'	2	1500.00 ea	3,000.00
Services-Double	24	285.00 ea	6,840.00
Services-Single	13	260.00 ea	3,380.00
Lift Station	80%	25,000.00	20,000.00
Materials on Hand			10,500.00
			92,389.10
TREATMENT PLANT	90%	30,000.00	27,000.00
WATER TREATMENT PLANT			
Materials on Hand			8,000.00
EXCAVATION	50,000 cy	1.20 cy	60,000.00
GRADING LOTS	7	250.00	1,750.00
FILL POND	31,000 cy	1.20 cy	37,200.00
		TOTAL:	330,847.25
		Less Progress Payments: (See Attached Schedule)	320,602.59
		Balance Due DeSoto Land	$ 10,244.66

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Hydrants

UNTER'S CREEK UTILITY
ORIGINAL COST STUDY
WATER DISTRIBTION AND SUPPLY LINES

Line No.	(A) Description	(B) Length in Feet Water Mains	(C) Cost of Water Lines Per Foot	(D) Total Cost of Water Lines	(E) Total Cost of Raw Water Lines	(F) Cost of Blow Off Assemb.	(G) Cost of Gate Valves	(H) Cost of Fire Hydrants	(I) Number of Double Services	(J) Cost of Double Service	(K) Total Cost of Double Service	(L) Number of Single Services	(M) Cost of Single Service	(N) Total Cost of Single Service
1														
2	Year 1981													
3	Run #1													
4	2" blow off					$300.00			16	$200.00	$3,200.00	2	$175.00	$350.00
5	4" PVC WM	45	$5.95	$267.75										
6	4" PVC WM	50	5.95	297.50										
7	4" PVC WM	35	5.95	208.25										
8	4" PVC WM	43	5.95	255.85										
9	4" PVC WM	215	5.95	1,279.25										
10	Fire Hydrant							$700.00						
11	6" PVC WM	147	7.80	1,146.60										
12	6" PVC WM	19	7.80	148.20										
13	6" PVC WM	406	7.80	3,162.40										
14	6" tee													
15	6" PVC WM	110	7.80	858.00										
16	6" tee													
17	Run #2													
18	2" blow off					replaced			2	200.00	400.00			
19	6" G.V						$315.00							
20	6" PVC WM	100	7.80	780.00										
21	6" tee													
22	Run #3													
23	2" blow off					replaced			5	200.00	1,000.00	2	175.00	350.00
24	6" PVC WM	45	7.80	351.00										
25	6" G.V													
26	6" PVC WM	25	7.80	195.00										
27	6" tee													
28	6" PVC WM	100	7.80	780.00										
29	Fire Hydrant							700.00						
30	6" G.V						315.00							
31	6" PVC WM	255	7.80	1,989.00										
32	6" tee													
33	6" PVC WM	120	7.80	936.00										
34	6" PVC WM	29	7.80	226.20										
35	Run #4 &#6													
36	2" blow off					300.00			15	200.00	3,000.00	3	175.00	525.00
37	6" PVC WM	318	7.80	2,480.40										
38	6" G.V						315.00							
39	Fire Hydrant							700.00						
40	6" PVC WM	180	7.80	1,404.00										
41	6" PVC WM	61	7.80	475.80										
42	6" PVC WM	104	7.80	811.20										
43	6" PVC WM	160	7.80	1,248.00										
44	6" G.V						315.00							
45	6" PVC WM	29	7.80	226.20										
46	6" tee													
47	6" PVC WM	46	7.80	358.80										
48	6" tee													
49	6" PVC WM	46	7.80	358.80										
50	6" tee													
51	6" PVC WM	35	7.80	273.00										
52	6" G.V						315.00							
53	6" PVC WM	243	7.80	1,895.40										
54	Run # 5													
55	2" blow off					300.00								
56	6" PVC WM	529	7.80	4,126.20					8	200.00	1,600.00			
57	6" G.V						315.00							
58	6" PVC WM	25	7.80	195.00										
59	6" tee													
60	6" PVC WM	29	7.80	226.20					5	200.00	1,000.00			
61	6" G.V						315.00							
62	6" PVC WM	241	7.80	1,879.80										
63	6" G.V						315.00							
64	Fire Hydrant							700.00						
65	Run #8 (Well #1 and Well #2 Raw Supply)													
66	3" PVC WM	505	5.00		2,525.00									
67	3" PVC WM	1500	5.00		7,500.00									
68	Main@WTP													
69	8" PVC WM	290	9.75	2,827.50										
70														
71	Totals 1981 Water Costs			$31,687.30	$10,025.00	$900.00	$2,520.00	$2,800.00	51		$10,200.00	7		$1,225.00
72														

Do not think this is part of LEU's territory.

DESOTO LAND DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

November 30, 1980

	Units	Price	Amount
STORM SEWERS			
24" RCP	322 lf	28.50 lf	9,177.00
30" RCP	450 lf	35.00 lf	15,750.00
Catch Basins	2	800.00 ea.	1,600.00
Materials on Hand			14,000.00
			40,527.00
WATER			
6" PVC WM	2003 lf	7.80 lf	15,623.40
4" PVC WM	388 lf	5.95 lf	2,308.60
6" GV	4	315.00 ea	1,260.00
Fire Hydrants	4	700.00 ea	2,800.00
2" Blow Off	2	300.00 ea	600.00
Services-Double	28	200.00 ea	5,600.00
Services-Single	4	175.00 ea	700.00
Materials on Hand			9,700.00
			38,592.00
ROADS			
6" Shell Base	3533 sy	2.90 sy	10,245.70
12" Sub Base	6181 sy	2.45 sy	15,143.45
			25,389.15
SANITARY SEWER			
8" PVC 0'-6' Cuts	664 lf	9.65 lf	6,407.60
8" PVC 6'-8' Cuts	664 lf	13.25 lf	8,798.00
8" PVC 8'-10' Cuts	713 lf	16.50 lf	11,764.50
8" PVC 10'-12' Cuts	724 lf	21.00 lf	15,204.00
MH 0'-6'	4	795.00 ea	3,180.00
MH 6'-8'	1	965.00 ea	965.00
MH 8'-10'	2	1175.00 ea	2,350.00
MH 10'-12'	2	1500.00 ea	3,000.00
Services-Double	24	285.00 ea	6,840.00
Services-Single	13	260.00 ea	3,380.00
Lift Station	80%	25,000.00	20,000.00
Materials on Hand			10,500.00
			92,389.10
TREATMENT PLANT	90%	30,000.00	27,000.00
WATER TREATMENT PLANT			
Materials on Hand			8,000.00
EXCAVATION	50,000 cy	1.20 cy	60,000.00
GRADING LOTS	7	250.00	1,750.00
FILL POND	31,000 cy	1.20 cy	37,200.00
		TOTAL:	330,847.25
		Less Progress Payments: (See Attached Schedule)	320,602.59
		Balance Due DeSoto Land	$ 10,244.66

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Misc. Equipment

2 - 30 GPM PORTABLE PUMPS
REQUIRED BY PERMIT @ $500/EA = $1,000.00

RIVERS EDGE UTILITIES, LLC
HUNTER CREEK UTILITIES, LLC (RIVERS EDGE UTILITIES, LLC)
WASTEWATER UTILITY PLANT-IN-SERVICE SCHEDULE
AND CONTRIBUTIONS IN AID OF CONSTRUCTION

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
LINE NO.	NARUC A/C #	DESCRIPTION	SERVICE YEAR	ORIGINAL COST	PER PSC NEW LIFE	PSC LIFE AS A %	ANNUAL DEPREC. EXPENSE 12/31/02	ACCUM. DEPREC. AT 12/31/02	ELEVEN MONTHS DEPREC. EXPENSE	ACCUM. DEPREC. AT 11/30/02	ORIGINAL COST CIAC	ACCUM. AMORT. AT 11/30/02
1	361	COLLECTION SEWERS - GRAVITY	1982	62,241	40	2.50%	1,556	31,898	1,426	31,768	(62,241)*	31,768
2	362	COLLECTION SEWERS - MANHOLES	1982	16,915	40	2.50%	423	8,669	388	8,634	(16,915)*	8,634
3	363	COLLECTION SEWERS - SERVICES	1982	17,010	40	2.50%	425	8,717	390	8,682	(17,010)*	8,682
4	371	RECEIVING WELLS	1982	25,000	40	2.50%	625	12,813	573	12,761		
5	380	TREATMENT & DISPOSAL EQUIPMENT	1982	30,000	40	2.50%	750	15,375	688	15,313		
6	380	TREATMENT & DISPOSAL PONDS	1982	37,200	40	2.50%	930	19,065	853	18,988		
7	381	OUTFALL SEWER LINES	1982	0	40	2.50%	0	0	0	0		
8	389	OTHER PLANT & MISC. EQUIPMENT	1982	0	40	2.50%	0	0	0	0		
9				188,366			4,709	96,537	4,318	96,146	(96,166)	49,084
10		RECAP										
11		COLLECTION SEWERS - GRAVITY		62,241			1,556	31,898	1,426	31,768	(62,241)	31,768
12		COLLECTION SEWERS - MANHOLES		16,915			423	8,669	388	8,634	(16,915)	8,634
13		COLLECTION SEWERS - SERVICES		17,010			425	8,717	390	8,682	(17,010)	8,682
14		RECEIVING WELLS		25,000			625	12,813	573	12,761	0	0
15		TREATMENT & DISPOSAL EQUIPMENT		67,200			1,680	34,440	1,541	34,301	0	0
16		OUTFALL SEWER LINES		0			0	0	0	0	0	0
17		OTHER PLANT & MISC. EQUIPMENT		0			0	0	0	0	0	0
18												

19 *NOTE: THE CIAC AMOUNT SHOWN ABOVE IS IMPUTED TO THE EXTENT OF THE WASTEWATER COLLECTION & PUMPING SYSTEM

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Collection Sewers- Gravity

HUNTER CREEK UTILITY
ORIGINAL COST STUDY
WASTEWATER COLLECTION SYSTEM & PUMP STATIONS

Line No.	(A) Description	(B) Manhole Number	(C) Manhole Depth	(D) Cost Per Manhole	(E) Cost Per Lift Station	(F) Length of Sewer Pipe (feet) (m/h to m/h)	(G) Cost Per Foot of Sewer Pipe	(H) Total Cost Pipe	(I) Number of Double Services	(J) Cost Per Double Service	(K) Total Cost of Double Services	(L) Number of Single Services	(M) Cost Per Single Service	(N) Total Cost of Single Services
1	Year 1981													
2	Run #1	MH #1	4.00	$795.00					15	$285.00	$4,275.00	4	$260.00	$1,040.00
3		MH #2	4.08	795.00		102	$9.65	$984.30						
4		MH #3	4.27	795.00		92	9.65	887.80						
5		MH #4	4.89	795.00		312	9.65	3,010.80						
6		MH #5	6.00	965.00		158	9.65	1,524.70						
7		MH #6	9.49	1,175.00		360	16.50	5,940.00						
8	Run #2	MH #38	6.44	965.00					2	285.00	570.00	2	260.00	520.00
9		MH #7	8.78	1,175.00		250	13.25	3,312.50						
10	Run #3	MH #34	7.50	965.00					5	285.00	1,425.00	2	260.00	520.00
11		MH #7	Repeat			295	13.25	3,908.75						
12		MH #6	Repeat			353	16.50	5,824.50						
13		MH #8	9.85	1,500.00	see inv.	183	21.00	3,843.00						
14	Run #4	MH #15	4.85	795.00					15	285.00	4,275.00	2	260.00	520.00
15		MH #14	5.91	795.00		400	9.65	3,860.00						
16		MH #13	7.06	965.00		190	13.25	2,517.50						
17	Run #5	MH #12	3.96	795.00					7	285.00	1,995.00	2	260.00	520.00
18		MH #11	6.20	965.00		300	9.65	2,895.00						
19		MH #10	8.06	1,175.00		250	13.25	3,312.50						
20	Run #6	MH #13	Repeat											
21		MH #10	Repeat			270	13.25	3,577.50						
22		MH #9	9.86	1,500.00	see inv.	261	21.00	5,481.00						
23	Run #7	MH #8	Repeat						2	285.00	570.00	3	260.00	780.00
24		MH #9	Repeat			376	21.00	7,896.00						
25	Run #8	MH #9	Repeat											
26		LS @ STP	1.00		$25,000.00	165	21.00	3,465.00						
27	Total 1981 Sewer Costs			$16,915.00	$25,000.00			$62,240.85	46		$13,110.00	15		$3,900.00
28														

ACTUAL FEET PER MAP

Get rid of this thru
as part of LSU's
settling.

DESOTO LAND DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

November 30, 1980

	Units	Price	Amount
STORM SEWERS			
24" RCP	322 lf	28.50 lf	9,177.00
30" RCP	450 lf	35.00 lf	15,750.00
Catch Basins	2	800.00 ea.	1,600.00
Materials on Hand			14,000.00
			40,527.00
WATER			
6" PVC WM	2003 lf	7.80 lf	15,623.40
4" PVC WM	388 lf	5.95 lf	2,308.60
6" GV	4	315.00 ea	1,260.00
Fire Hydrants	4	700.00 ea	2,800.00
2" Blow Off	2	300.00 ea	600.00
Services-Double	28	200.00 ea	5,600.00
Services-Single	4	175.00 ea	700.00
Materials on Hand			9,700.00
			38,592.00
ROADS			
6" Shell Base	3533 sy	2.90 sy	10,245.70
12" Sub Base	6181 sy	2.45 sy	15,143.45
			25,389.15
SANITARY SEWER			
8" PVC 0'-6' Cuts	664 lf	9.65 lf	6,407.60
8" PVC 6'-8' Cuts	664 lf	13.25 lf	8,798.00
8" PVC 8'-10' Cuts	713 lf	16.50 lf	11,764.50
8" PVC 10'-12' Cuts	724 lf	21.00 lf	15,204.00
MH 0'-6'	4	795.00 ea	3,180.00
MH 6'-8'	1	965.00 ea	965.00
MH 8'-10'	2	1175.00 ea	2,350.00
MH 10'-12'	2	1500.00 ea	3,000.00
Services-Double	24	285.00 ea	6,840.00
Services-Single	13	260.00 ea	3,380.00
Lift Station	80%	25,000.00	20,000.00
Materials on Hand			10,500.00
			92,389.10
TREATMENT PLANT	90%	30,000.00	27,000.00
WATER TREATMENT PLANT			
Materials on Hand			8,000.00
EXCAVATION	50,000 cy	1.20 cy	60,000.00
GRADING LOTS	7	250.00	1,750.00
FILL POND	31,000 cy	1.20 cy	37,200.00
		TOTAL:	330,847.25
		Less Progress Payments: (See Attached Schedule)	320,602.59
		Balance Due DeSoto Land	$ 10,244.66

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Collection Sewers- Manholes

HUNTER CREEK UTILITY
ORIGINAL COST STUDY
WASTEWATER COLLECTION SYSTEM & PUMP STATIONS

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
Line No.	Description	Manhole Number	Manhole Depth	Cost Per Manhole	Cost Per Lift Station	Length of Sewer Pipe (feet) (m/h to m/h)	Cost Per Foot of Sewer Pipe	Total Cost Pipe	Number of Double Services	Cost Per Double Service	Total Cost of Double Services	Number of Single Services	Cost Per Single Service	Total Cost of Single Services
1	Year 1981													
2	Run #1	MH #1	4.00	$795.00					15	$285.00	$4,275.00	4	$260.00	$1,040.00
3		MH #2	4.08	795.00		102	$9.65	$984.30						
4		MH #3	4.27	795.00		92	9.65	887.80						
5		MH #4	4.89	795.00		312	9.65	3,010.80						
6		MH #5	6.00	965.00		158	9.65	1,524.70						
7		MH #6	9.49	1,175.00		360	16.50	5,940.00						
8	Run #2	MH #38	6.44	965.00					2	285.00	570.00	2	260.00	520.00
9		MH #7	8.78	1,175.00		250	13.25	3,312.50						
10	Run #3	MH #34	7.50	965.00					5	285.00	1,425.00	2	260.00	520.00
11		MH #7	Repeat			295	13.25	3,908.75						
12		MH #6	Repeat			353	16.50	5,824.50						
13		MH #8	9.85	1,500.00	see inv.	183	21.00	3,843.00						
14	Run #4	MH #15	4.85	795.00					15	285.00	4,275.00	2	260.00	520.00
15		MH #14	5.91	795.00		400	9.65	3,860.00						
16		MH #13	7.06	965.00		190	13.25	2,517.50						
17	Run #5	MH #12	3.96	795.00					7	285.00	1,995.00	2	260.00	520.00
18		MH #11	6.20	965.00		300	9.65	2,895.00						
19		MH #10	8.06	1,175.00		250	13.25	3,312.50						
20	Run #6	MH #13	Repeat											
21		MH #10	Repeat			270	13.25	3,577.50						
22		MH #9	9.86	1,500.00	see inv.	261	21.00	5,481.00						
23	Run #7	MH #8	Repeat						2	285.00	570.00	3	260.00	780.00
24		MH #9	Repeat			376	21.00	7,896.00						
25	Run #8	MH #9	Repeat											
26		LS @ STP	1.00		$25,000.00	165	21.00	3,465.00						
27	Total 1981 Sewer Costs			$16,915.00	$25,000.00			$62,240.85	46		$13,110.00	15		$3,900.00
28														

MANHOLE DEPTH BASED ON RIM ELEVATIONS HOWEVER, THE 11/30/80 INVOICE INDICATES TWO MANHOLES BETWEEN 10'-12' FEET.

Do not think this is part of LSU's territory.

DESOTO LAND DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

November 30, 1980

	Units	Price	Amount
STORM SEWERS			
24" RCP	322 lf	28.50 lf	9,177.00
30" RCP	450 lf	35.00 lf	15,750.00
Catch Basins	2	800.00 ea.	1,600.00
Materials on Hand			14,000.00
			40,527.00
WATER			
6" PVC WM	2003 lf	7.80 lf	15,623.40
4" PVC WM	388 lf	5.95 lf	2,308.60
6" GV	4	315.00 ea	1,260.00
Fire Hydrants	4	700.00 ea	2,800.00
2" Blow Off	2	300.00 ea	600.00
Services-Double	28	200.00 ea	5,600.00
Services-Single	4	175.00 ea	700.00
Materials on Hand			9,700.00
			38,592.00
ROADS			
6" Shell Base	3533 sy	2.90 sy	10,245.70
12" Sub Base	6181 sy	2.45 sy	15,143.45
			25,389.15
SANITARY SEWER			
8" PVC 0'-6' Cuts	664 lf	9.65 lf	6,407.60
8" PVC 6'-8' Cuts	664 lf	13.25 lf	8,798.00
8" PVC 8'-10' Cuts	713 lf	16.50 lf	11,764.50
8" PVC 10'-12' Cuts	724 lf	21.00 lf	15,204.00
MH 0'-6'	4	795.00 ea	3,180.00
MH 6'-8'	1	965.00 ea	965.00
MH 8'-10'	2	1175.00 ea	2,350.00
MH 10'-12'	2	1500.00 ea	3,000.00
Services-Double	24	285.00 ea	6,840.00
Services-Single	13	260.00 ea	3,380.00
Lift Station	80%	25,000.00	20,000.00
Materials on Hand			10,500.00
			92,389.10
TREATMENT PLANT	90%	30,000.00	27,000.00
WATER TREATMENT PLANT			
Materials on Hand			8,000.00
EXCAVATION	50,000 cy	1.20 cy	60,000.00
GRADING LOTS	7	250.00	1,750.00
FILL POND	31,000 cy	1.20 cy	37,200.00
		TOTAL:	330,847.25
		Less Progress Payments: (See Attached Schedule)	320,602.59
		Balance Due DeSoto Land	$ 10,244.66

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Collection Sewers- Services

COST OF DOUBLE SERVICES	$13,110
COST OF SINGLE SERVICES	3,900
TOTAL COST OF SERVICES	$17,010

HUNTER CREEK UTILITY
ORIGINAL COST STUDY
WASTEWATER COLLECTION SYSTEM & PUMP STATIONS

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
Line No.	Description	Manhole Number	Manhole Depth	Cost Per Manhole	Cost Per Lift Station	Length of Sewer Pipe (feet) (m/h to m/h)	Cost Per Foot of Sewer Pipe	Total Cost Pipe	Number of Double Services	Cost Per Double Service	Total Cost of Double Services	Number of Single Services	Cost Per Single Service	Total Cost of Single Services
1	Year 1981													
2	Run #1	MH #1	4.00	$795.00					15	$285.00	$4,275.00	4	$260.00	$1,040.00
3		MH #2	4.08	795.00		102	$9.65	$984.30						
4		MH #3	4.27	795.00		92	9.65	887.80						
5		MH #4	4.89	795.00		312	9.65	3,010.80						
6		MH #5	6.00	965.00		158	9.65	1,524.70						
7		MH #6	9.49	1,175.00		360	16.50	5,940.00						
8	Run #2	MH #38	6.44	965.00					2	285.00	570.00	2	260.00	520.00
9		MH #7	8.78	1,175.00		250	13.25	3,312.50						
10	Run #3	MH #34	7.50	965.00					5	285.00	1,425.00	2	260.00	520.00
11		MH #7	Repeat			295	13.25	3,908.75						
12		MH #6	Repeat			353	16.50	5,824.50						
13		MH #8	9.85	1,500.00	see inv.	183	21.00	3,843.00						
14	Run #4	MH #15	4.85	795.00					15	285.00	4,275.00	2	260.00	520.00
15		MH #14	5.91	795.00		400	9.65	3,860.00						
16		MH #13	7.06	965.00		190	13.25	2,517.50						
17	Run #5	MH #12	3.96	795.00					7	285.00	1,995.00	2	260.00	520.00
18		MH #11	6.20	965.00		300	9.65	2,895.00						
19		MH #10	8.06	1,175.00		250	13.25	3,312.50						
20	Run #6	MH #13	Repeat											
21		MH #10	Repeat			270	13.25	3,577.50						
22		MH #9	9.86	1,500.00	see inv.	261	21.00	5,481.00						
23	Run #7	MH #8	Repeat						2	285.00	570.00	3	260.00	780.00
24		MH #9	Repeat			376	21.00	7,896.00						
25	Run #8	MH #9	Repeat											
26		LS @ STP	1.00		$25,000.00	165	21.00	3,465.00						
27	Total 1981 Sewer Costs			$16,915.00	$25,000.00			$62,240.85	46		$13,110.00	15		$3,900.00
28														

ACTUAL SERVICES PER MAP

Do not think this is part of LSU's contract!

DESOTO LAND DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

November 30, 1980

	Units	Price	Amount
STORM SEWERS			
24" RCP	322 lf	28.50 lf	9,177.00
30" RCP	450 lf	35.00 lf	15,750.00
Catch Basins	2	800.00 ea.	1,600.00
Materials on Hand			14,000.00
			40,527.00
WATER			
6" PVC WM	2003 lf	7.80 lf	15,623.40
4" PVC WM	388 lf	5.95 lf	2,308.60
6" GV	4	315.00 ea	1,260.00
Fire Hydrants	4	700.00 ea	2,800.00
2" Blow Off	2	300.00 ea	600.00
Services-Double	28	200.00 ea	5,600.00
Services-Single	4	175.00 ea	700.00
Materials on Hand			9,700.00
			38,592.00
ROADS			
6" Shell Base	3533 sy	2.90 sy	10,245.70
12" Sub Base	6181 sy	2.45 sy	15,143.45
			25,389.15
SANITARY SEWER			
8" PVC 0'-6' Cuts	664 lf	9.65 lf	6,407.60
8" PVC 6'-8' Cuts	664 lf	13.25 lf	8,798.00
8" PVC 8'-10' Cuts	713 lf	16.50 lf	11,764.50
8" PVC 10'-12' Cuts	724 lf	21.00 lf	15,204.00
MH 0'-6'	4	795.00 ea	3,180.00
MH 6'-8'	1	965.00 ea	965.00
MH 8'-10'	2	1175.00 ea	2,350.00
MH 10'-12'	2	1500.00 ea	3,000.00
Services-Double	24	285.00 ea	6,840.00
Services-Single	13	260.00 ea	3,380.00
Lift Station	80%	25,000.00	20,000.00
Materials on Hand			10,500.00
			92,389.10
TREATMENT PLANT	90%	30,000.00	27,000.00
WATER TREATMENT PLANT			
Materials on Hand			8,000.00
EXCAVATION	50,000 cy	1.20 cy	60,000.00
GRADING LOTS	7	250.00	1,750.00
FILL POND	31,000 cy	1.20 cy	37,200.00
		TOTAL:	330,847.25
		Less Progress Payments: (See Attached Schedule)	320,602.59
		Balance Due DeSoto Land	$ 10,244.66

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Receiving Wells

Do not think this is part of LEU's condition.

DESOTO LAND DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

November 30, 1980

	Units	Price	Amount
STORM SEWERS			
24" RCP	322 lf	28.50 lf	9,177.00
30" RCP	450 lf	35.00 lf	15,750.00
Catch Basins	2	800.00 ea.	1,600.00
Materials on Hand			14,000.00
			40,527.00
WATER			
6" PVC WM	2003 lf	7.80 lf	15,623.40
4" PVC WM	388 lf	5.95 lf	2,308.60
6" GV	4	315.00 ea	1,260.00
Fire Hydrants	4	700.00 ea	2,800.00
2" Blow Off	2	300.00 ea	600.00
Services-Double	28	200.00 ea	5,600.00
Services-Single	4	175.00 ea	700.00
Materials on Hand			9,700.00
			38,592.00
ROADS			
6" Shell Base	3533 sy	2.90 sy	10,245.70
12" Sub Base	6181 sy	2.45 sy	15,143.45
			25,389.15
SANITARY SEWER			
8" PVC 0'-6' Cuts	664 lf	9.65 lf	6,407.60
8" PVC 6'-8' Cuts	664 lf	13.25 lf	8,798.00
8" PVC 8'-10' Cuts	713 lf	16.50 lf	11,764.50
8" PVC 10'-12' Cuts	724 lf	21.00 lf	15,204.00
MH 0'-6'	4	795.00 ea	3,180.00
MH 6'-8'	1	965.00 ea	965.00
MH 8'-10'	2	1175.00 ea	2,350.00
MH 10'-12'	2	1500.00 ea	3,000.00
Services-Double	24	285.00 ea	6,840.00
Services-Single	13	260.00 ea	3,380.00
Lift Station	80%	25,000.00	20,000.00
Materials on Hand			10,500.00
			92,389.10
TREATMENT PLANT	90%	30,000.00	27,000.00
WATER TREATMENT PLANT			
Materials on Hand			8,000.00
EXCAVATION	50,000 cy	1.20 cy	60,000.00
GRADING LOTS	7	250.00	1,750.00
FILL POND	31,000 cy	1.20 cy	37,200.00
		TOTAL:	330,847.25
		Less Progress Payments: (See Attached Schedule)	320,602.59
		Balance Due DeSoto Land	$ 10,244.66

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Treatment & Disposal Equipment

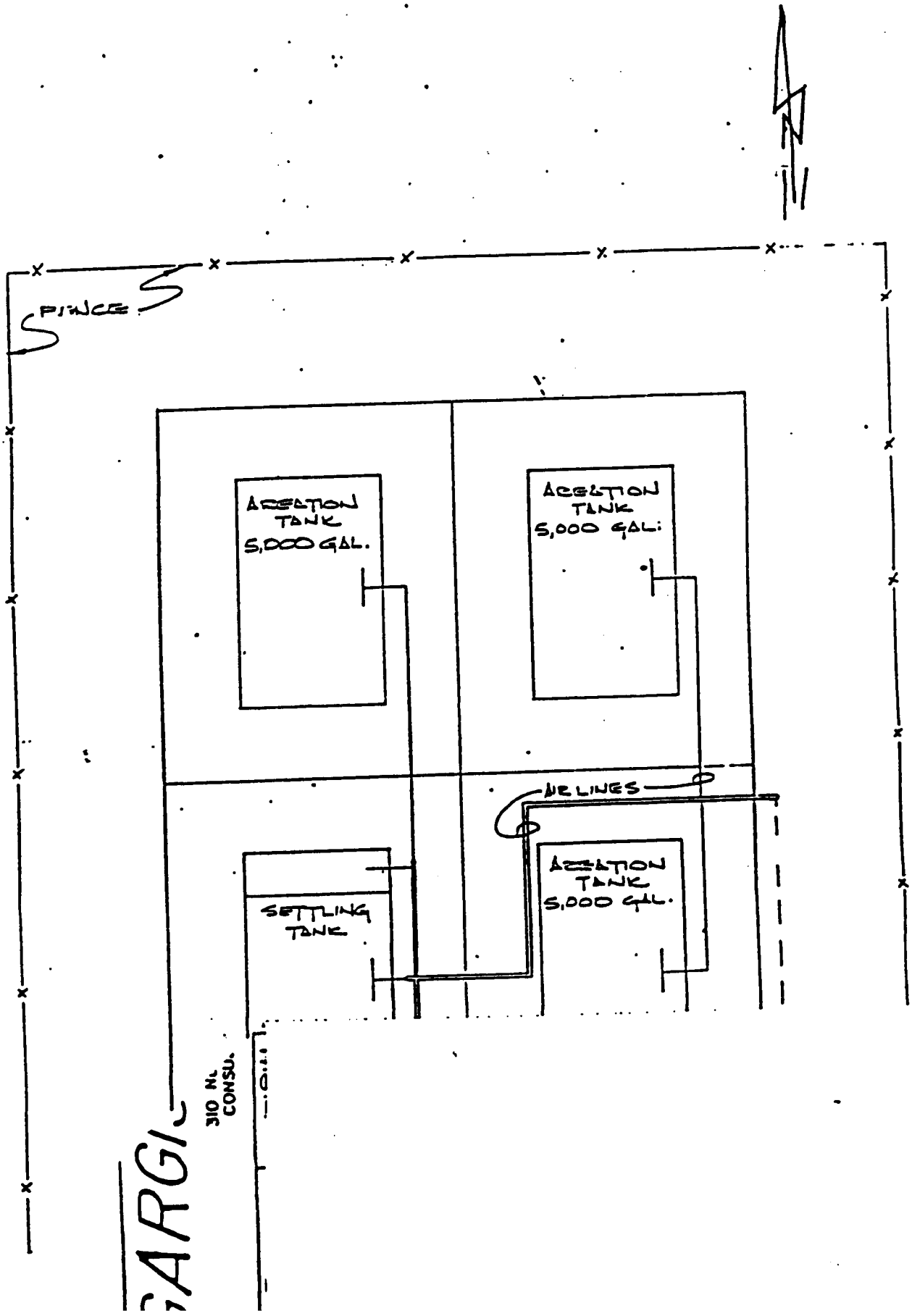
Do not think this is part of LEU's [illegible]

DESOTO LAND DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

November 30, 1980

	Units	Price	Amount
STORM SEWERS			
24" RCP	322 lf	28.50 lf	9,177.00
30" RCP	450 lf	35.00 lf	15,750.00
Catch Basins	2	800.00 ea.	1,600.00
Materials on Hand			14,000.00
			40,527.00
WATER			
6" PVC WM	2003 lf	7.80 lf	15,623.40
4" PVC WM	388 lf	5.95 lf	2,308.60
6" GV	4	315.00 ea	1,260.00
Fire Hydrants	4	700.00 ea	2,800.00
2" Blow Off	2	300.00 ea	600.00
Services-Double	28	200.00 ea	5,600.00
Services-Single	4	175.00 ea	700.00
Materials on Hand			9,700.00
			38,592.00
ROADS			
6" Shell Base	3533 sy	2.90 sy	10,245.70
12" Sub Base	6181 sy	2.45 sy	15,143.45
			25,389.15
SANITARY SEWER			
8" PVC 0'-6' Cuts	664 lf	9.65 lf	6,407.60
8" PVC 6'-8' Cuts	664 lf	13.25 lf	8,798.00
8" PVC 8'-10' Cuts	713 lf	16.50 lf	11,764.50
8" PVC 10'-12' Cuts	724 lf	21.00 lf	15,204.00
MH 0'-6'	4	795.00 ea	3,180.00
MH 6'-8'	1	965.00 ea	965.00
MH 8'-10'	2	1175.00 ea	2,350.00
MH 10'-12'	2	1500.00 ea	3,000.00
Services-Double	24	285.00 ea	6,840.00
Services-Single	13	260.00 ea	3,380.00
Lift Station	80%	25,000.00	20,000.00
Materials on Hand			10,500.00
			92,389.10
TREATMENT PLANT	90%	30,000.00	27,000.00
WATER TREATMENT PLANT			
Materials on Hand			8,000.00
EXCAVATION	50,000 cy	1.20 cy	60,000.00
GRADING LOTS	7	250.00	1,750.00
FILL POND	31,000 cy	1.20 cy	37,200.00
		TOTAL:	330,847.25
		Less Progress Payments: (See Attached Schedule)	320,602.59
		Balance Due DeSoto Land	$ 10,244.66


PINCE
AERATION TANK 5,000 GAL.
AERATION TANK 5,000 GAL.
AIR LINES
AERATION TANK 5,000 GAL.
SETTLING TANK
310 N. CONSU.
GARG

HUNTER CREEK VILLAGE

A REPORT ON THE WATER AND WASTEWATER TREATMENT PLANTS

WATER REPORT PREPARED BY

IAN C. WATSON, P.E.
ROSTEK SERVICES, INC.
FORT MYERS, FLORIDA

WASTEWATER REPORT PREPARED BY

JAMES P. ELLIOTT, P.E.
SOURCE, INC.
CAPE CORAL, FLORIDA

NOVEMBER 1987

SECTION B - WASTEWATER TREATMENT PLANT

B.1 CURRENT CONDITION

The existing wastewater system includes a collection system, master lift station and modular precast concrete 15,000 gallon per day average daily flow (ADF) extended aeration plant and polishing pond/percolation pond system. For purposes of review, we will summarize the condition of the system by components as follows:

1. Collection System. We did not physically open manholes, but witnessed a continuous flow of ground water into the lift station wet well. Further review by manually pumping down the wet well uncovered an unusual accumulation of sand deposits that indicate that an excessive amount of infiltration is leaching into the existing collection system.

2. Master Lift Station. The lift station controls and pumps were observed to be in very good condition. The concrete wet well was in good structural condition. We noted that the lift station wet well hatch and electrical control center did not have locks. Such absence of locks leave the owner liable for vandalism, damage and injury.

3. Precast Concrete Plant. (see enclosed sketch plan prepared by Gargis & Associates) The plant consisted of 3 - 5,000 gallon aeration tanks, a 5,000 gallon hopper bottom settling tank, chlorine contact tank and aerobic digester tank all of precast concrete construction manufactured by Aerobics Incorporated. The tankage appeared in good condition. The air was supplied by a single 3 hp positive displacement type blower manufactured by Roots Div. Dresser Industries, Inc. The motor control system was functional and contained a time clock to regulate the blower. Observation of the blower operation and belt wear indicated that the unit was well balanced. The air supply was provided through galvanized steel piping that appeared to be partially plugged indicated by the extremely slow mixing. Disinfection was supplied by hypochlorite solution fed by a small positive displacement metering pump. At the time of the inspection the chlorine pump was not pumping liquid. Also we noted the chlorine solution pump was wired to a contact such that it operated only when the blower circuit was energized. Note the chlorine feed metering pump should be on either continuously or when flow is discharged from the plant.

It should be noted that a biological process cannot be maintained with such a minimum sewage flow. Our estimate is that less than 300 gallons per day (gpd) of domestic sewage is being processed at the plant when a minimum of 4,300gpd will be necessary to maintain a stable process. The plant appeared to be in good condition.

Rivers Edge Utilities, LLC (Hunter Creek Utilities, LLC)

Treatment & Disposal Ponds

Correct this to
... part of LEC's
...

DESOTO LAND DEVELOPMENT

Hunter Creek Village
P.O. Box 1446
Punta Gorda, FL 33950

November 30, 1980

	Units	Price	Amount
STORM SEWERS			
24" RCP	322 lf	28.50 lf	9,177.00
30" RCP	450 lf	35.00 lf	15,750.00
Catch Basins	2	800.00 ea.	1,600.00
Materials on Hand			14,000.00
			40,527.00
WATER			
6" PVC WM	2003 lf	7.80 lf	15,623.40
4" PVC WM	388 lf	5.95 lf	2,308.60
6" GV	4	315.00 ea	1,260.00
Fire Hydrants	4	700.00 ea	2,800.00
2" Blow Off	2	300.00 ea	600.00
Services-Double	28	200.00 ea	5,600.00
Services-Single	4	175.00 ea	700.00
Materials on Hand			9,700.00
			38,592.00
ROADS			
6" Shell Base	3533 sy	2.90 sy	10,245.70
12" Sub Base	6181 sy	2.45 sy	15,143.45
			25,389.15
SANITARY SEWER			
8" PVC 0'-6' Cuts	664 lf	9.65 lf	6,407.60
8" PVC 6'-8' Cuts	664 lf	13.25 lf	8,798.00
8" PVC 8'-10' Cuts	713 lf	16.50 lf	11,764.50
8" PVC 10'-12' Cuts	724 lf	21.00 lf	15,204.00
MH 0'-6'	4	795.00 ea	3,180.00
MH 6'-8'	1	965.00 ea	965.00
MH 8'-10'	2	1175.00 ea	2,350.00
MH 10'-12'	2	1500.00 ea	3,000.00
Services-Double	24	285.00 ea	6,840.00
Services-Single	13	260.00 ea	3,380.00
Lift Station	80%	25,000.00	20,000.00
Materials on Hand			10,500.00
			92,389.10
TREATMENT PLANT	90%	30,000.00	27,000.00
WATER TREATMENT PLANT			
Materials on Hand			8,000.00
EXCAVATION	50,000 cy	1.20 cy	60,000.00
GRADING LOTS	7	250.00	1,750.00
FILL POND	31,000 cy	1.20 cy	37,200.00
		TOTAL:	330,847.25
		Less Progress Payments: (See Attached Schedule)	320,602.59
		Balance Due DeSoto Land	$ 10,244.66