

April 06, 2007

The Honorable Colleen M. Dale
Secretary/Chief Regulatory Law Judge
Missouri Public Service Commission
P. O. Box 360
Jefferson City, MO. 65102-0360

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APR 6 2007
Missouri Public
Service Commission

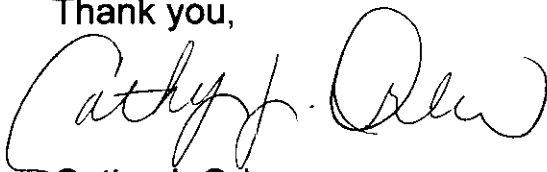
Re: Case Nos. WC-2006-0082, et al.; WO-2007-0277

The Honorable Judge Dale:

Please find enclosed, for filing, "Cathy Orlor's Response to the Commission's Order Requiring Late-Filed Exhibit." Five, (5) additional copies are also included to be distributed to the appropriate Commission personnel, if you would be so kind as to bring this filing to their attention.

Please contact me, if you should have any questions regarding these filings.

Thank you,



Cathy J. Orlor
3252 Big Island Drive
Roach, MO. 65787
(573)317-1490

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF
MISSOURI

Cathy J. Orlor,)	
Complainant,)	
)	
v.)	<u>Case No. WC-2006-0082, et al.</u>
)	
Folsom Ridge, LLC, (Owning and Controlling)	
the Big Island Homeowners' Association),)	
Respondents.)	
)	
In the Matter of the Application of Folsom)	
Ridge, LLC., and Big Island Homeowners')	
Water and Sewer Association, Inc., for an)	
Order Authorizing the Transfer and Assignment))	
of Certain Water and Sewer Assets to Big)	
Island Water Company and Big Island Sewer)	
Company, and in Connection Therewith)	
Certain Other Related Transactions)	

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Missouri Public
Service Commission

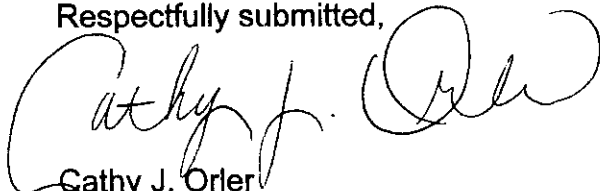
CATHY ORLER'S RESPONSE TO THE COMMISSION'S ORDER REQUIRING
LATE-FILED EXHIBIT

COMES NOW, Cathy J. Orlor, on her own behalf, and pursuant to the Commission's Order issued on March 30, 2007, Ms. Orlor submits to the Commission, late-filed exhibit no. 110.

1. Exhibit no. 110 is being submitted

Wherefore, Ms. Orlor submits to the Commission, late-filed exhibit no. 110 in response to the Commission's Order.

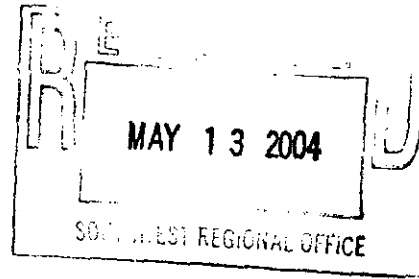
Respectfully submitted,


Cathy J. Orlor



May 10, 2004

Breck Summerford, P.E.
Section Chief
Infrastructure Permits & Engineering Section
P.O. Box 176 (65102)
101 Adams Street, 3rd Floor
Jefferson City, MO 65101



Re: Camden County
Big Island Subdivision
Permit No. MO 3031265
Settlement agreement

Dear Mr. Summerford;

Enclosed please find plans and specifications submitted in regard to the above referenced.

These plans and specifications are being submitted for a relocation and replacement project necessitated to bring the distribution system into compliance with Department regulations regarding separation of water and sewer lines. Also enclosed with this submittal is an engineering report and an Application for a Construction Permit.

You will note that our relocation routing takes advantage of the roadways that will be constructed in the inner portion of the project.

We will be submitting documents in the near future for a waterline extension and a storage facility upgrade to serve additional parcels.

If you have any questions or comments, please don't hesitate to contact me at (573) 346-5316.

Respectfully submitted,

David Krehbiel, P.E., P.L.S.

C: Mr. Reggie Golden (without plans)
Mr. Charles McElyea (without plans)
Mr. Kevin Mohammadi
Ms. Cynthia Davies

KREHBIEL ENGINEERING, INC.

63 BLAIR AVENUE POST OFFICE BOX 587 CAMDENTON, MISSOURI 65020
573-346-5316 FAX 573-346-3851 info@krehbielengineering.com www.krehbielengineering.com

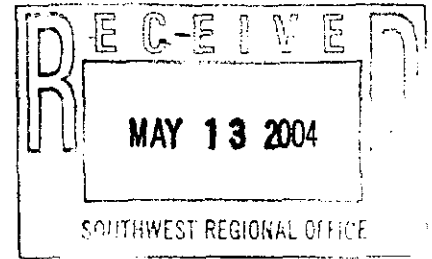


ENGINEERING REPORT AND
TECHNICAL SPECIFICATIONS
FOR
WATER SYSTEM IMPROVEMENTS
AT BIG ISLAND
CAMDEN COUNTY, MISSOURI

May 2004

Prepared For:

Folsom Ridge, LLC
c/o Reggie Golden
P.O. Box 54
2602 Clover Basin Drive, Suite B
Longmont, CO 80501
(303) 702-0708



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Longmont, CO 80501
(303) 702-0708

Prepared By:

Krehbiel Engineering, Inc.
63 Blair Ave.
Camdenton, MO 65020
(573) 346-5316

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ENGINEERING REPORT
FOR
WATER LINE IMPROVEMENTS
AT BIG ISLAND
CAMDEN COUNTY, MISSOURI

Introduction

The following is an Engineering Report and Technical Specifications for the construction of water line replacement and relocation at Big Island in Camden County, Missouri. This report along with plans and specifications has been prepared for Folsom Ridge, LLC. by Krehbiel Engineering, Inc., May, 2004.

Location of Project

The proposed improvements are located in Section 1, Township 38 North, Range 18 West; Section 6, Township 38 North, Range 17 West and Section 31, Township 39 North, Range 17 West, as shown on the attached USGS Location Map. (Exhibit A)

Purpose and Scope of Report

The purpose of this report is to provide information in regard to the replacement and relocation of an existing 4" waterline with new 4" and 2" waterline in order to establish the proper horizontal and vertical separation between waterline and sewerline.

Description of Existing System

Big Island operates their own water supply, storage and distribution system. The supply capacity is from 1 deep well pumping into 4 pressure tanks and 2 ground storage reservoirs. There are no other pumping units required on the system; and, currently, no water treatment is required. The existing distribution system is comprised of 2" service lines and 4" distribution mains.

Proposed Improvements

It is proposed to relocate and construct approximately 11,268 feet of 4" PVC waterline and approximately 2448 feet of 2" PVC waterline with appurtenances.

Population to be Served

The water system will continue to serve existing customers and additional of Big Island, Camden County, Missouri. The system has been modeled on the basis of 300 residential customers.

Design Considerations

Design calculations were completed using WaterCAD software and calculations using Hazen-Williams formula with a C coefficient of 150. Design calculations are attached. The layout for the model is in the envelope at the back of this report and before the Technical Specifications (Exhibit B).

Water Supply

Water for the residents of Big Island will be supplied by Big Island's existing water system.

Land Use and Zoning

Construction will be completed in accordance with the planning and zoning regulations of Camden County, Missouri.

Party Responsible for System

Upon completion of construction, these improvements will remain a part of the Big Island Subdivision water system.

David Krehbiel, P.E. 11594

GREEN BAY TERRACE QUADRANGLE
(MISSOURI-CAMDEN CO.)
7.5 MINUTE SERIES (TOPOGRAPHIC)

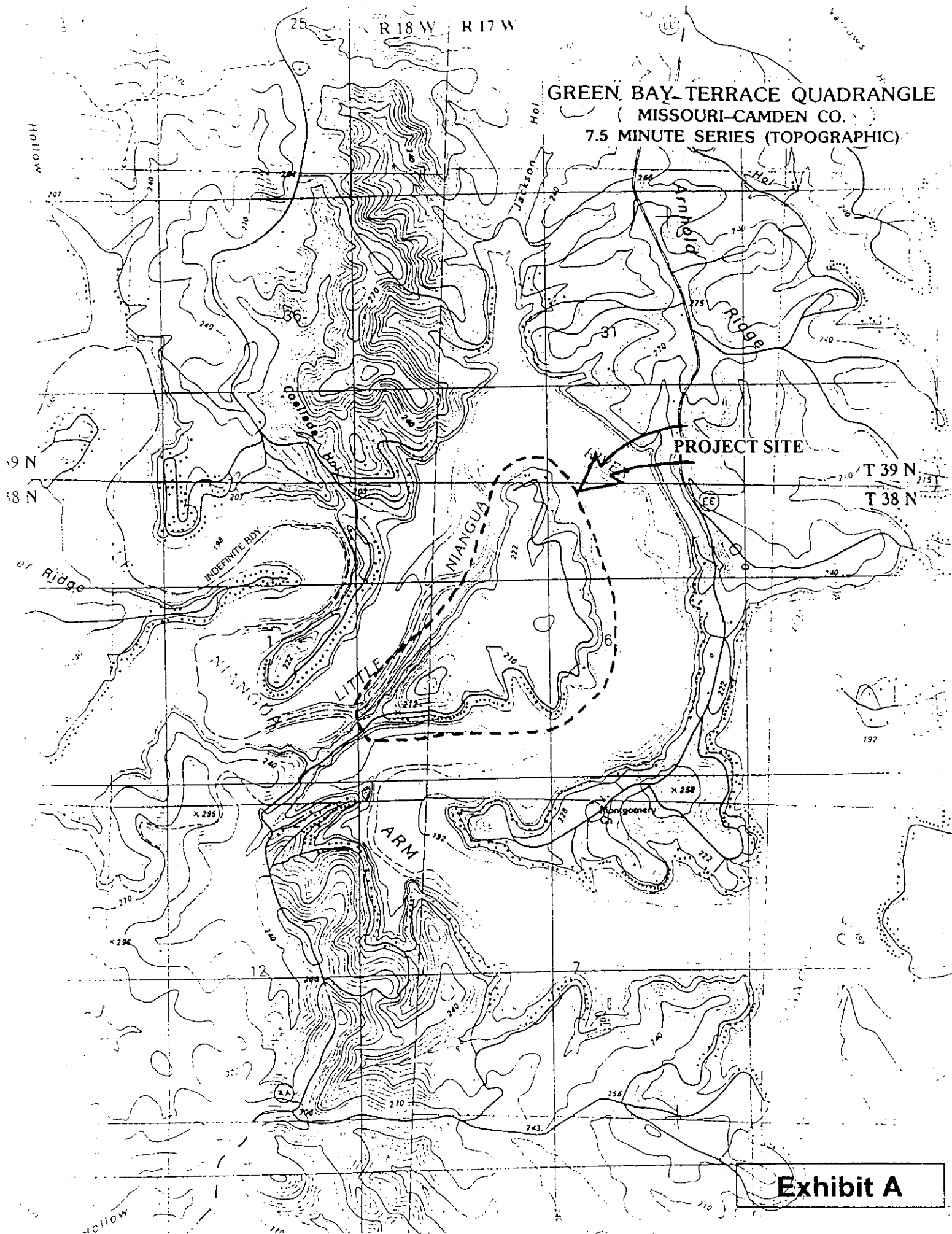


Exhibit A

SECTION 2.0

WATER LINES AND APPURTENANCES

2.0-1. Description

This work shall consist of the furnishing of all equipment, materials, skill, tools, and labor necessary for the installation of all waterlines and appurtenances as shown on the plans or herein specified for a complete working water distribution system.

2.0-2. Materials

The quality of all materials, the process of manufacture, and the finished pipe shall be subject to inspection and approval by Krehbiel Engineering, Inc. Such inspection may be made at the place of manufacture or on the work site after delivery, or at both places, and the pipe shall be subject to rejection at any time on account of failure to meet any of the specification requirements even though sample pipes may have been accepted as satisfactory at the place of manufacture.

Krehbiel Engineering, Inc. shall have the right to cut cores from such pieces of the finished pipe as desired for such inspection and tests as deemed necessary. If Krehbiel Engineering, Inc. has a core cut from a finished pipe and that core is found not to be in compliance with the specifications, such pipe shall be replaced by, and at the expense of, the manufacturer of the pipe. If the pipe is found to be in compliance with the specifications, the Owner will pay for the replacement.

Any pipe, which has been damaged after delivery, will be rejected and if such pipe is already laid in the conduit line, it shall be acceptably repaired, if permitted, or removed and replaced, or made good solely at the Contractor's expense.

- A. Integral Bell PVC Pressure Pipe - Only PVC pipe jointed by elastomeric ring seal joint shall be used in the distribution system. PVC pipe pressure rating is to be based on ASTM Standards. The pipe is to bear the seal of NSF.

PVC pipe and fittings with elastomeric ring seal joints shall meet the requirements of ASTM D-3139. The elastomeric ring seal joints shall have been tested and approved by the National Sanitation Foundation (NSF) and certification of said approval shall be submitted.

1. General. This specification designates the general requirements and installation of Polyvinyl Chloride (PVC) pipe and fittings used for conveying potable water under pressure.

2. Pipe. All plastic pipe shall meet the requirements of the National Sanitation Foundation. Each length of pipe must also show the diameter and the commercial standard, which is applicable to the type of pipe specified. Plastic pipe shall be polyvinyl chloride ASTM type 1, grade 1 (normal impact), conforming to the commercial standard, which is, applicable to the type of pipe specified. Plastic pipe shall conform to ASTM D2241, latest edition. Class 200 PVC pipe, shall have a maximum design stress of 2000 pounds per square inch.

3. Certification Requirements. The Contractor shall furnish three copies of a pipe manufacturer's certification that the pipe furnished is in full compliance with the commercial standards applicable to the pipe specified. The Contractor shall furnish Krehbiel Engineering, Inc. three copies of data showing the physical properties of the pipe furnished. Properties should include normal bursting pressure, manufacturer's maximum working pressure, physical dimensions, and tolerances. Pipe shall not be purchased until approved by Krehbiel Engineering, Inc.

The Contractor shall have the manufacturer provide a factory representative skilled in the installation of the type of pipe purchased to instruct the Contractor's personnel in the proper procedures for connecting and laying the pipe.

4. Fittings. All fittings, couplings and adapters shall be manufactured out of materials conforming to the same standards as the pipe and having a design strength equal or better than the adjacent pipe.
5. Mechanical Joint Adapters. It is contemplated that valves two inches and larger may be specified mechanical joint, AWWA, and in such event PVC Mechanical Joint Adapters shall be furnished. They are to be made of Schedule 80 PVC at least twelve (12) inches long. One end shall be built up to an O.D. equal to that required by the MJ fitting.

Male adapters shall be of the heavy duty type, be made of Schedule 80 pipe and have socket depth equal to the coupling. All threads shall be iron pipe size and be sized for a tight fit. Extra heavy-duty adapters shall be used wherever possible. Schedule 80 PVC pipe shall meet all requirements of SDR pipe and shall conform in all respects to the commercial standards CS-207-60.

Contractor's Guarantee - Pipe furnished by Contractor shall be

guaranteed against rot, electrolytic corrosion, and production defects.

Contractor shall maintain the pipe lines for a period of one year from date of acceptance by Krehbiel Engineering, Inc. Such remedial measures as required to correct leaks and similar troubles will be done by the Contractor at his own expense.

- B. Gate Valves - Gate valves shall be iron-body, resilient-seated, tight closure gate valves with nonrising stems, "O" ring type packing, and complying with AWWA C509. The waterway of the valve in the fully open position shall be unobstructed. All exposed gate valves shall have flanged ends conforming to ANSI B16.1, Class 125. All buried gate valves shall be specifically designed for buried use and shall be equipped with mechanical joint ends. The gate valve wedge shall have Buna "N" or SBR rubber bond to both sides to form a double seal when the valve is closed. The operator shall be of the hand wheel type for exposed valves. Buried gate valves shall be equipped with a 2-inch square operating nut. All valves shall open in a counterclockwise direction. The valve interior and exterior shall be coated with epoxy paint standard with the valve manufacturer.
- C. Gate valves Two and One-half Inches and Smaller - Unless otherwise specified, gate valves two and one-half inches smaller in size shall be standard, bronze, solid-wedge, rising stem type gate valves with screwed ends, suitable for 125 pound working stem pressure and conforming to Federal Specification WW-V-54, Amendment 1, Class B, for Valves, Bronze, Gate 125 and 150 pound Screwed and Flanged (for land use).
- D. Service Connections - Service connection shall be 1/2" Copper pipe shall be rigid cold drawn type. Copper shall be completely deoxidized and conform to Federal Specifications ASTM B88, latest edition, Type K or 3/4", SDR 9, 200 psi, PE-3408 Eagle Pure-Core Blue HDPE Tubing.
- E. Valve Boxes - Valve boxes shall be provided for all gate valves on the system. Boxes shall be tough, white, high-strength PVC plastic molded in a ribbed configuration having rolled edges. They shall have suitable bases to fit around the valve bodies without bearing on them. Barrels shall be made telescopic for adjustment and shall have a minimum inside diameter of five inches. They shall be designed for the depth of trench specified. Top section shall have a flange for holding it in position. Covers shall be recessed flush with top, and marked "Water" in raised letters.
- F. Data - For valves, gates and appurtenances the Contractor shall