



140 Stonewall Avenue West, Ste 204 Fayetteville, GA 30214 Phone: 770-305-5420 www.fayettecountyga.gov

February 4, 2020

Subject: Request for Quote #1778-A: Crosstown WTP Raw Water VFD

Gentlemen/Ladies:

Fayette County, Georgia invites you to submit a quote for the above listed solicitation in accordance with the information and specifications contained herein.

A pre-quote conference will be held on February 11, 2020 at 11am at the Crosstown Water Treatment Plant, 3500 TDK Blvd., Peachtree City, GA 30269 this will provide the only opportunity for you to become familiar with the site and work conditions, and to ask questions. This is a secured facility and no other site visits will be available. After viewing the work needed at the Crosstown Water Treatment Plant, we will visit the Flint River Pump Station located at 437 Hampton Rd, Fayetteville, GA 30215 to view the work needed there.

Quotes will be accepted until 3pm, Friday, February 21, 2020. Please provide your quote and other information via email to Natasha Duggan, Contract Administrator at nduggan@fayettecountyga.gov or fax to (770) 719-5534.

Address any questions you may have about this request for quotes to Natasha Duggan via email to nduggan@fayettecountyga.gov or fax to (770) 719-5534. Questions will be accepted until 3pm, Monday, February 17, 2020.

Purchasing Department office hours are Monday through Friday 8:00 a.m. to 5:00 p.m. The office telephone number is (770) 305-5420.

Sincerely,

Ted L. Burgess

Director of Purchasing

GENERAL TERMS AND CONDITIONS RFQ #1778-A: Crosstown WTP Raw Water VFD

- Definitions: The term "contractor" as used herein and elsewhere in these Terms and Conditions shall be used synonymously with the term "successful responder." The term "county" shall mean Fayette County, Georgia.
- Quote is Offer to Contract: Each quote constitutes an offer to become legally bound to a contract with the county, incorporating the request for quote and the responder's quote. The binding offer includes compliance with all terms, conditions, special conditions, specifications, and requirements stated in the request for quote, except to the extent that a responder takes written exception to such provisions. All such terms, conditions, special conditions, specifications, and requirements will form the basis of the contract. The responder should take care to answer all questions and provide all requested information, and to note any exceptions in the quote submission. Failure to observe any of the instructions or conditions in this request for quote may result in rejection of the quote.
- 3. **Binding Offer:** Each quote shall constitute a firm offer that is binding for ninety (90) days from the received by date, unless the responder takes exception to this provision in writing.
- 4. **References**: Include with your quote a list of three (3) jobs that your company has done that are of the same or similar nature to the work described in this request for quote, on the form provided. Include all information as requested on the form.
- 5. Preparation Costs: The responder shall bear all costs associated with preparing the quote.
- 6. More Than One Quote: Do not submit alternate quotes or options, unless requested or authorized by the county in the request for quote. If a responder submits more than one quote without being requested or authorized to do so, the county may disqualify the quotes from that responder, at the county's option.
- Defects or Irregularities: The county reserves the right to waive any defect or irregularity in any quote received. In case of an error in extension of prices or totals in the quote, the unit prices shall govern.
- 8. Brand Name: If items in this request for quote have been identified, described or referenced by a brand name or trade name description, such identification is intended to be descriptive, but not restrictive and is to indicate the quality and characteristics of products that may be offered. Alternative products may be considered for award if clearly identified in the quote. Items offered must meet required specifications and must be of a quality which will adequately serve the use and purpose for which intended.
- Prices Held Firm: Prices quoted shall be firm for the period of the contract, unless otherwise specified in the quote. All prices for commodities, supplies, equipment, or other products shall be quoted FOB Destination, Fayette County or job site.

- 10. Responder Substitutions: Responders offering substitutions or deviations from specifications stated in the request for quote, shall list such substitutions or deviations on the "Exceptions to Specifications" sheet provided, or on a separate sheet to be submitted with the quote. The absence of such list shall indicate that the responder has taken no exception to the specifications. The evaluation of quotes and the determination as to equality and acceptability of products or services offered shall be the responsibility of the county.
- 11. Non-Collusion: By responding to this request for quote, the responder represents that the quote is not made in connection with any competing responder, supplier, or service provider submitting a separate response to this request for quote, and is in all respects fair and without collusion or fraud.
- 12. Ethics Disclosure of Relationships: Before a proposed contract in excess of \$10,000.00 is recommended for award to the Board of Commissioners or the County Administrator, or before the County renews, extends, or otherwise modifies a contract after it has been awarded, the contractor must disclose certain relationships with any County Commissioner or County Official, or their spouse, mother, father, grandparent, brother, sister, son or daughter related by blood, adoption, or marriage (including in-laws). A relationship that must be reported exists if any of these individuals is a director, officer, partner, or employee, or has a substantial financial interest the business, as described in Fayette County Ordinance Chapter 2, Article IV, Division 3 (Code of Ethics).

If such relationship exists between your company and any individual mentioned above, relevant information must be presented in the form of a written letter to the Director of Purchasing. You must include the letter with any bid, proposal, or price quote you submit to the Purchasing Department.

In the event that a contractor fails to comply with this requirement, the County will take action as appropriate to the situation, which may include actions up to and including rejection of the bid or offer, cancellation of the contract in question, or debarment or suspension from award of a County contract for a period of up to three years.

- 13. Evaluation: Award will be made to the lowest responsive, responsible responder, taking into consideration payment terms, vendor qualifications and experience, quality, references, any exceptions listed, and/or other factors deemed relevant in making the award. The county may make such investigation as it deems necessary to determine the ability of the responder to perform, and the contractor shall furnish to the county all information and data for this purpose as the county may request. The county reserves the right to reject any item, any quote, or all quotes, and to resolicit for pricing.
- 14. Payment Terms and Discounts: The County's standard payment terms are Net 30. Any deviation from standard payment terms must be specified in the resulting contract, and both parties must agree on such deviation. Cash discounts offered will be a consideration in awarding the quote, but only if they give the county at least 15 days from receipt of invoice to pay. For taking discounts, time will be computed from the date of invoice acceptance by the County, or the date a correct invoice is received, whichever is the later date. Payment is deemed made, for the purpose of earning the discount, on the date of the check.

- 15. Trade Secrets Internal Use: In submitting a quote, the responder agrees that the county may reveal any trade secret materials contained in the quote to all county staff and officials involved in the selection process, and to any outside consultant or other third parties who may assist in the selection process. The responder agrees to hold harmless the county and each of its officers, employees, and agents from all costs, damages, and expenses incurred in connection with refusing to disclose any material which the responder has designated as a trade secret.
- 16. Contract Execution & Notice to Proceed: After an award is made, and all required documents are received by the county, and the contract is fully executed with signature of both parties, the county will issue a written Notice to Proceed. The county shall not be liable for payment of any work done or any costs incurred by any responder prior to the county issuing the Notice to Proceed.
- 17. **Unavailability of Funds**: This contract will terminate immediately and absolutely at such time as appropriated and otherwise unobligated funds are no longer available to satisfy the obligations of the county under the contract.
- 18. **Insurance**: The contractor shall procure and maintain the following insurance, to be in effect throughout the term of the contract, in at least the amounts and limits as follows:
 - a. **General Liability Insurance**: \$1,000,000 combined single limit per occurrence, including bodily and personal injury, destruction of property, and contractual liability.
 - b. **Automobile Liability Insurance**: \$1,000,000 combined single limit each occurrence, including bodily injury and property damage liability.
 - c. **Worker's Compensation & Employer's Liability Insurance**: Workers Compensation as required by Georgia statute.

Before a contract is executed, the Certificates of Insurance for all required coverage shall be submitted. The certificate shall list an additional insured as follows:

Fayette County, Georgia 140 Stonewall Avenue West Fayetteville, GA 30214

- 19. Building Permits: Work performed for the county requiring building permits by licensed contractors will not have permit fees assessed, although any re-inspection fees for disapproved inspections will be the responsibility of the contractor prior to final inspections and the Certificate of Occupancy or Certificate of Completion being issued.
- 20. **Unauthorized Performance:** The County will not compensate the contractor for work performed unless the work is authorized under the contract, as initially executed or as amended.
- 21. **Assignment of Contract:** Assignment of any contract resulting from this request for quotes will not be authorized, except with express written authorization from the county.

- 22. Indemnification: The contractor shall defend, indemnify and save the county and all its officers, agents and employees harmless from all suits, actions, or other claims of any character, name and description brought for or on account of any damages, losses, or expenses to the extent caused by or resulting from the negligence, recklessness, or intentionally wrongful conduct of the contractor or other persons employed or utilized by the contractor in the performance of the contract. The contractor shall pay any judgment with cost which may be obtained against the county growing out of such damages, losses, or expenses.
- 23. Severability: The invalidity of one or more of the phrases, sentences, clauses or sections contained in the contract shall not affect the validity of the remaining portion of the contract. If any provision of the contract is held to be unenforceable, then both parties shall be relieved of all obligations arising under such provision to the extent that the provision is unenforceable. In such case, the contract shall be deemed amended to the extent necessary to make it enforceable while preserving its intent.
- 24. **Delivery Failures:** If the contractor fails to deliver contracted goods or services within the time specified in the contract, or fails to replace rejected items in a timely manner, the county shall have authority to make open-market purchases of comparable goods or services. The county shall have the right to invoice the contractor for any excess expenses incurred, or deduct such amount from monies owed the contractor. Such purchases shall be deducted from contracted quantities.
- 25. Substitution of Contracted Items: The contractor shall be obligated to deliver products awarded in this contract in accordance with terms and conditions specified herein. If a contractor is unable to deliver the products under the contract, it shall be the contractor's responsibility to obtain prior approval of the ordering agency to deliver an acceptable substitute at the same price quoted in the contractor's original bid. In the event any contractor consistently needs to substitute or refuses to substitute products, the County reserves the right to terminate the contract or invoke the "Delivery Failures" clause stated herein.
- 26. Termination for Cause: The county may terminate the contract for cause by sending written notice to the contractor of the contractor's default in the performance of any term of this agreement. Termination shall be without prejudice to any of the county's rights or remedies by law.
- 27. Termination for Convenience: The county may terminate the contract for its convenience at any time with 10 days' written notice to the contractor. In the event of termination for convenience, the county will pay the contractor for services performed. The county will compensate partially completed performance based upon a signed statement of completion.
- 28. **Force Majeure**: Neither party shall be deemed to be in breach of the contract to the extent that performance of its obligations is delayed, restricted, or prevented by reason of any act of God, natural disaster, act of government, or any other act or condition beyond the reasonable control of the party in question.
- 29. Governing Law: This agreement shall be governed in accordance with the laws of the State of Georgia. The parties agree to submit to the jurisdiction in Georgia, and further agree that any cause of action arising under this agreement shall be required to be brought in proper venue in Fayette County, Georgia.

Checklist of Required Documents

(Be Sure to Return This Checklist and the Required Documents in the order listed below)

RFQ #1778-A: Crosstown WTP Raw Water VFD

COMPANY INFORMATION RFQ #1778-A: Crosstown WTP Raw Water VFD

Company Name:	
Physical Address:	
AUTHORIZED REPRESENTATIVE	
Signature:	
Printed or Typed Name:	
Title:	
Email Address:	
Phone Number:	Fax Number:
PROJECT CONTACT PERSON	
Name:	
Title:	
Office Number:	_ Cellular Number:
Email Address:	

REFERENCES RFQ #1778-A: Crosstown WTP Raw Water VFD

Please list three (3) references for current or recent customers who can verify the quality of service your company provides. Projects of similar size and scope are preferable.

Government/Company Name	
City & State	
Approximate Completion Date	
Contact Person and Title	
Phone	Email
Government/Company Name	
City & State	
Work or Service Provided	
Approximate Completion Date	
Contact Person and Title	
Phone	Email
2. G	
3. Government/Company Name	
City & State	
Work or Service Provided	
Approximate Completion Date	
Contact Person and Title	
Phone	Email
COMPANY NAME.	
I I I I I I I I I I I I I I I I I I I	

Contractor Affidavit under O.C.G.A. § 13-10-91(b)(1)

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of Fayette County, Georgia has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number	-
Date of Authorization	-
Name of Contractor	
#1778-A: Crosstown WTP Raw Water VFD	
Name of Project	-
Fayette County Georgia	
Name of Public Employer	
I hereby declare under penalty of perjury that the foregoing is true and	correct.
Executed on,, 2020 in (city), (state)	
Signature of Authorized Officer or Agent	-
Printed Name and Title of Authorized Officer or Agent	-
SUBSCRIBED AND SWORN BEFORE ME	
ON THIS THE DAY OF,	2020
NOTARY PUBLIC	-
My Commission Expires:	

SCOPE AND SPECIFICATION

RFQ #1778-A: Crosstown WTP Raw Water VFD and Flint River Pump 3 VFD

INTRODUCTION

Fayette County Water System is seeking quotes from qualified vendors for the removal and replacement of two Cutler-Hammer SV9000 Variable Speed Drives at the Crosstown Water Treatment Plant (WTP) Raw Water Pump Station, located at 3500 TDK Blvd, Peachtree City, GA, and one Eaton SVX9000 Variable Speed Drive at the Flint River Pump Station located at 437 Hampton Rd, Fayetteville, GA 30215. The quote is for the removal of the failed units, installation of the new units, door mounted external operator, factory authorized start up and commissioning, Megger Test the existing motors, onsite thermal imaging scan of the installed drive and existing motor, and system control wiring documents and prints for new installation.

BACKGROUND

The Crosstown Water Treatment Plant Raw Water Pump Station has two 200 HP raw water pumps and two 40 HP raw water pumps. Pump #2 and Pump #4 each have Cutler-Hammer SV9000 Variable Speed Drives that need to be replaced. Both pumps have inverter duty rated motors with the following specifications (also see attached motor nameplates photos):

Pump #2 – 40 HP, 460 Volts, 50 Amps Pump #4 – 200 HP, 460 Volts, 232 Amps

The Flint River Pump Station has three pumps – pumps 1 and 2 are 400 HP using soft starters and pump 3 is 400 HP pump using the Eaton SVX9000 Variable Speed Drive that needs to be replaced. Pump 3 has an inverter duty motor with the following specifications (also see attached motor nameplate photo):

Pump #3 - 400 HP, 460 Volts, 441 Amps

SCOPE OF WORK

- 1. Remove existing drives, label wiring for reconnection to new drives and dispose of existing drives.
- 2. Prior to installing new drives, vendor shall perform a Megger Test to determine condition of each motor and provide report to Water System.
- 3. Provide one of the following or equal:
 - a. Crosstown Pump #2:
 - YASKAWA P1000 40 HP, 58 AMP, 480 V, 3P, NEMA 1 Enclosure Variable Speed Drive System. Include one (1) YASKAWA UUX000527 DIGITAL REMOTE OPERATOR, NEMA TYPE 3R/4X EXTERNAL DOOR MOUNT OPERATOR DISPLAY.
 - ii. Amtech AMT-065A-4, 40 HP, 59 AMP, 480 V, 60 Hz, 3 PH Amtech Axpert-Easy Standard drive module with 40 HP choke # 62RB003.
 - b. Crosstown Pump #4:

- YASKAWA P1000 250 HP, 296 AMP, 480 V, 3P, IP00 Enclosure Variable Speed Drive System. Include one (1) YASKAWA UUX000527 DIGITAL REMOTE OPERATOR, NEMA TYPE 3R/4X EXTERNAL DOOR MOUNT OPERATOR DISPLAY.
- ii. Amtech AMT-260A-4, 200 HP, 235 AMP, 480 V, 60 Hz, 3 PH Amtech Axpert-Easy Standard drive module with 200 HP choke # 240RB002.
- c. Flint River Pump #3:
 - YASKAWA P1000 400 HP, 515 AMP, 480 V, 3P, IP00 Enclosure Variable Speed Drive System. Include one (1) YASKAWA UUX000527 DIGITAL REMOTE OPERATOR, NEMA TYPE 3R/4X EXTERNAL DOOR MOUNT OPERATOR DISPLAY.
- 4. Drive must be installed in existing motor control centers (see attached photos). Use existing HOA switch and wire drive to run. Set to run locally and through remote SCADA operation. Install door mount operator display in existing door location. Call to run signal originates at the control rooms in the Crosstown WTP and the South Fayette WTP. PLC relays are located as follows:
 - a. Crosstown Raw Water Pumps 1 and 2 Horner PLC in Communication Room
 - b. Flint River Pump Station Pump 3 Horner RTU Cabinet in the Pump Station
- 5. Provide miscellaneous components needed for drive retrofit.
- Provide factory authorized start up and commissioning to assure that Fayette County Water System will be eligible for the Factory Warranty. Please include this information on the appropriate line on the Pricing Sheet.
- 7. Provide on-site operations training for Fayette County Water System personnel.
- 8. Provide on-site thermal imaging scan and report of the installed drives and existing pump motors.
- 9. Provide system control wiring documents and prints for new installation.
- 10. Include shipping costs.

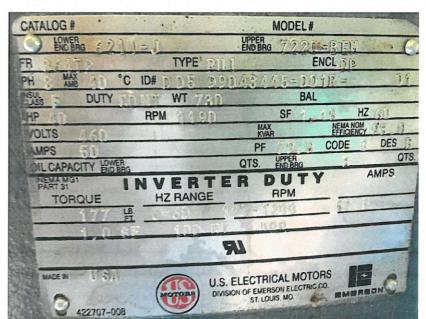


Figure 1 – Crosstown Pump 2 Motor and VFD Nameplates



Figure 2 - Crosstown Pump 4 Motor and VFD Nameplates

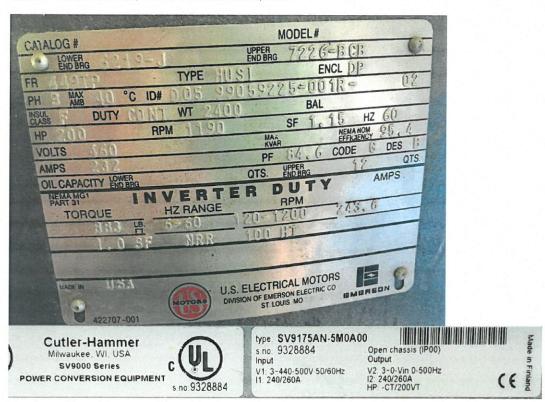
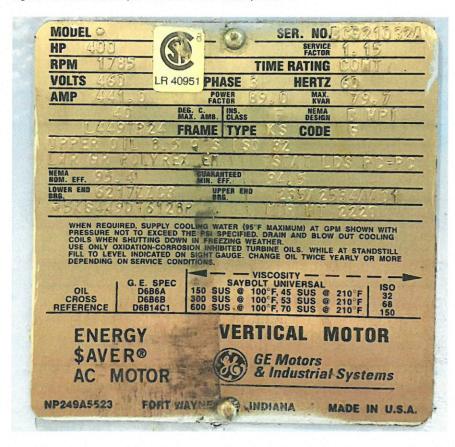


Figure 3 - RWPS MCC Drive Cabinets



Figure 4 Flint River Pump 3 Motor and VFD Nameplates



EATON ELECTRICAL ADJUSTABLE FREQUENCY DRIVES 4201 NORTH 27 TH STREET MILMAUKEE, WI 53216 FOR PRODUCT INFORMATION OR ASSISTANCE: (860) 322-4986 (920) 262-3687

CAT NO: CPX40064AAK2P1SN* OPTIONS: K2, P1, SN STYLE NO: CPX-SAT00422-9

NOMINAL HP: 4001L OVERLOAD: 1.18 ENCLOSURE: OVERSIZED NEMA TYPE 1 GASKETED AND FILTERED SHORT CIRCUIT CURRENT INTERRUPTING RATING: 65KAIC SERIAL: 12797222

Figure 5 Flint River Pump 3 Drive Cabinet Exterior



Figure 6 Flint River Pump 3 Drive Cabinet Interior



PRICING SHEET, page1 RFQ #1778-A: Crosstown WTP Raw Water VFD

Responder agrees to perform all the work descri	ibed in the Contract documents for the following prices:
Crosstown WTP Pump #2 Replacement:	\$
Crosstown WTP Pump #4 Replacement:	\$
Flint River PS Pump #3 Replacement:	\$
Total Quote	\$
NOTES:	
	d in your total quoted amount, including but not limited to ation, labor, and any other amounts. No additional charges d by date.
2. All warranties shall be included in your	total quoted amount.
compliance with all requirements of t of Utility Contractors, Georgia Code T performance of this work. Companie	ded a contract for the performance of this work shall be in the Georgia Construction Industry Licensing Board's Division Fitle 43, and any other regulations or requirements for the es submitting a quote shall include a copy of their Georgia eptable license or documentation, as appropriate.
State Brand & Model Quoted Pump 2	
State Brand & Model Quoted Pump 4	
State Brand & Model Quoted Pump 3	
State Factory Authorized company or personnel	who will be performing startup
State time needed to commence work after noti	ice to proceed is issued Days.

PRICING SHEET, page 2 RFQ #1778-A: Crosstown WTP Raw Water VFD

	State length of time needed to complete project	Days.	
	State, List or Attach the terms of your warranty, if applicable:		
(COMPANY'S NAME		

EXCEPTIONS TO SPECIFICATIONS

RFQ #1778-A: Crosstown WTP Raw Water VFD

		- De Wei		
		- 37		
Company and the company of the compa				
		-		
	1171			<u></u>

RAW WATER FLOW MODIFICATIONS CROSSTOWN TREATMENT PLANT

FOR

FAYETTE COUNTY WATER SYSTEM

TONY V. PARROTT, DIRECTOR

AUTHORIZED BY:

FAYETTE COUNTY BOARD OF COMMISSIONERS

HAROLD BOST, CHAIRMAN GREG DUNN, VICE-CHAIRMAN HERB FRADY GLEN GOSA LINDA WELLS

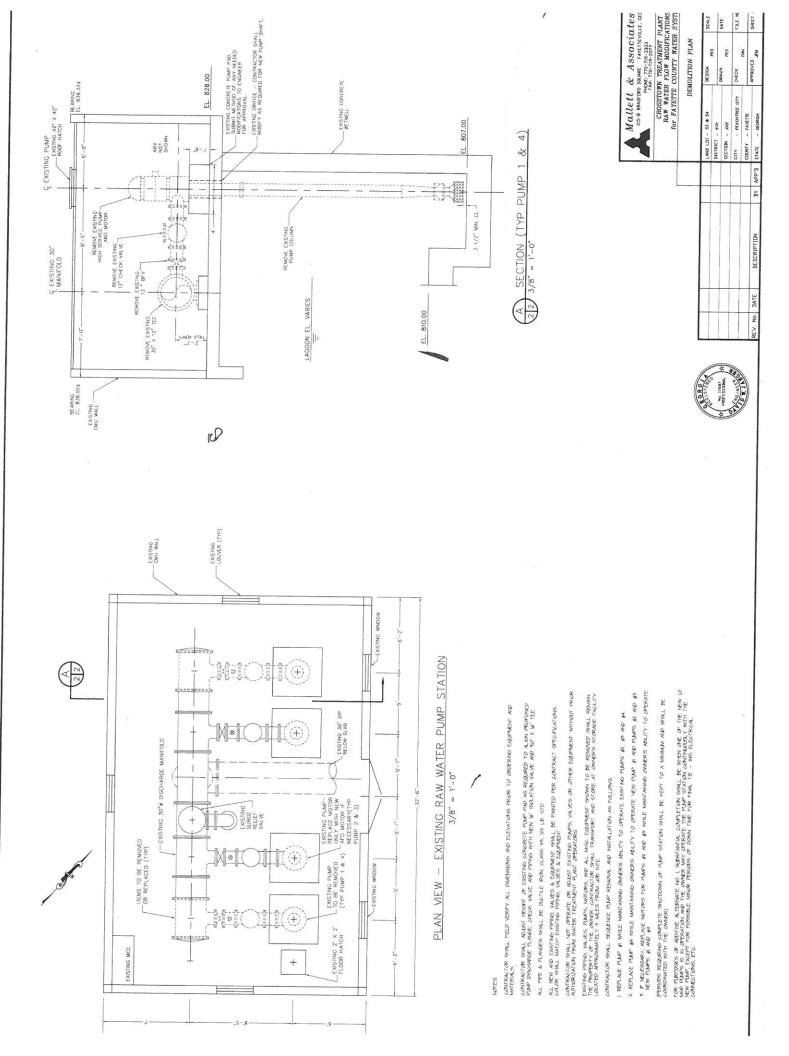


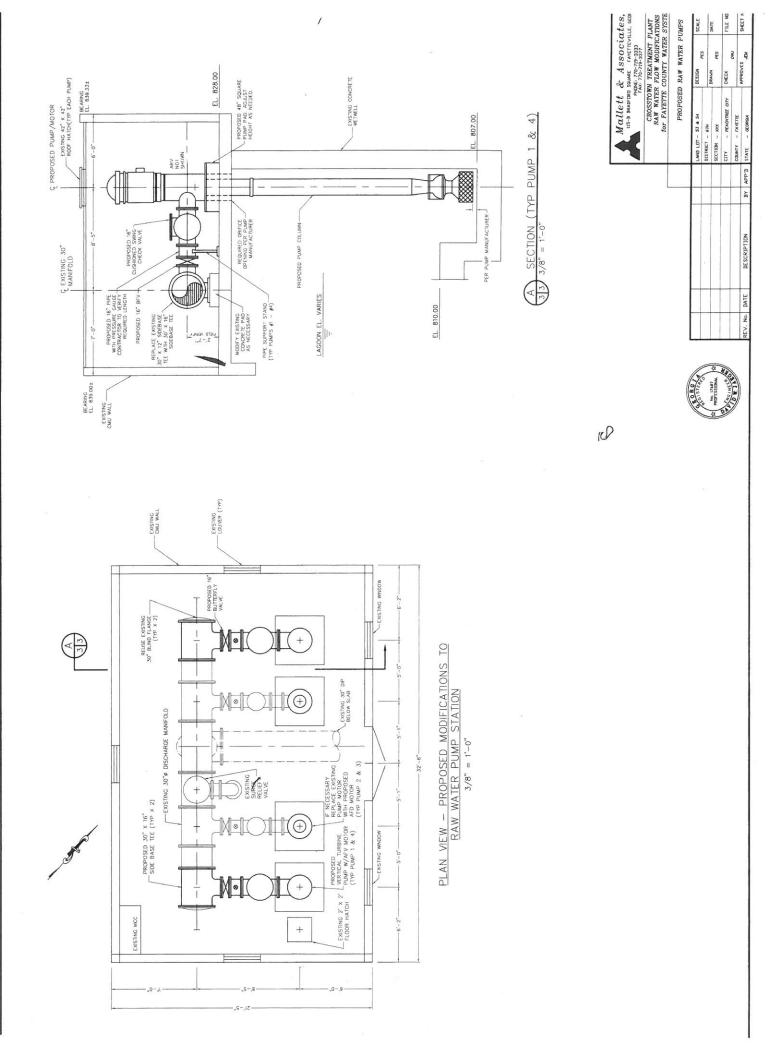
5	7	2	-	-	-	-	7
DESIGN	2	DPACN	SJA	CHECK	OWO	ADDDOVER	MGC TANK
LAND LDT - 53 & 54	DISTRICT on	W = 100	SECTION - XXX	CITY - PEACHTREE CITY	COUNTY		STATE - GEORGIA
							BY APP'D STATE
							ВУ
							DESCRIPTION
	_					1	DATE
						I	REV. No. DATE

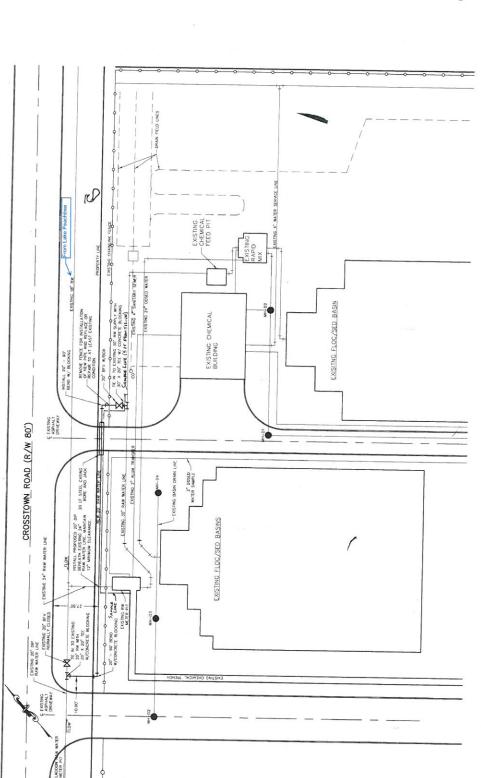
10

Mallett & Associate
115-8 BRADFORD SQUARE FARTTEVILLE, C
PHONE, 770-719-3333

A TAN 770-719-3333







CENERA NOTES - WATER LINE INSTALLATION

- AL CASTRUCTON TO BE IN ACCRODACE WITH GEDRION, PEPARTNENT TRANSPORTATION AND FARTITE COUNTY STANDARDS, SPECIFICATIONS AND REGILATIONS (PER GEDRION DEPARTMENT OF TRANSPORTATION URSIDE(10)).
- WAY DESIDE UTILES SHOW HE PROGRAM TO BE OFFI WELFGENEY REPRESENT ALL DESIDE UTILES CHARGORY KORNEY LOAND WAY DAWNEY UTILES SHALL BE REPRESENTE KORNEY OFFI WAY DAWNEY UTILES SHALL BE REPRESENTED FOR THE SHALL BE SHOWN THE SHELL BE SHELL BE CORPOSED WILL BE WAT THE PLANS THE TO DISING
- AL TE-NS TO BE CORDINATED WITH PARETE COUNTY WATER STEMS STEMS SEPELAND FOR TE-NS TO BE DETERMINED BY PAPETTE COUNTY MITHE SYSTEM. CONTACT MR. TONY PAPEDIT AT 710-44-1146.
- AL WATER LINES TO DE MINIMAM PRESIDE CLASS 300 CEMENT MORTH. LINED, PUSH-ON JUNT, DUCILE, IRON PRE PER ANSI (191/AZIS). AL PITTINOS GIMLL DE NECIVANICA, UNIV. DUCILE, IRON. AL EMISTING VALVES TO BE OPENED AND CLOSED BY FAYETTE COUNTY WATER SYSTEM EMPLOYIES ONLY.
 - CANTRATOR IS ADVISED TO VISIT THE PROPOSED WATER ROUTE IN ORDER TO PAMILIARUZE HIMBSELF WITH FELLD CARDITUMS, UTLITY LOCATIONS, AND REEMS OF POSSIBLE ROCK EXCANATION
- THE WATER LINE CANTRACTOR SHALL CANTORN TO ALL MPRUMELE GRANTY GENERAL MASSES IN THE PREVIOUS OF THE INCOMES IN THE PREVIOUS OF THE INDIVIDUAL OF THE INDIVI
- EPERA GOTTER, WILL BE FEBLUT, VENDOUD TROUBUIT THE WORN MUCH WITH SAFETY ON BETALL STATE WHICH THE THE WORN NATE THE THE THE WASHING SAFETY SHOWN TO THE SAFETY SHOWN TO THE SAFETY SHOWN TO SAFETY SHOWN TO SAFETY SHOWN TO SAFETY SHOWN THE SAFETY SHOWN SHOWN THE SAFETY SHOWN SHOWN THE SAFETY SHOWN SHOW SHOWN SHOW
- TE-48 CO BESTEW MITE LINES SHALL DE DORE AS SHOWN ON THE PROVINCES. ANY ADDITION, THINKS, SHALL DE DORE AS SHALL DE CONTROL AND MANUES. AND MANUES AND THE ADDITION, THE TE-18 SHALL DE COST. SOFTED AND THE ADDITION.

 COST. SOFTEDLINE OF TE 18 SHALL DE COST. SOFTED AND THE ADDITION.
 - - DRIVEWAYS DESIGNATED AS "CRANEL" WHICH HAVE BEEN PANED PRICE TO WATER LINE INSTALLATION SHALL DE FREE-DORED (NO CASING) AT NO ADDITIONE, COST.

0

- CAMPATOR SHAL PRECRUE, REDAR NO/JR REDAKE AL IRCATRIY
 PINS, SORG, PRIEMANS, MALDOZE, QLURENS, GROSSING, BELKETHE SORDEROR WEEN SET PAMINES OR SINGUINES SENT THAT
 THE PORTURED WEEN RETRIEDE TO THER ORDINAL CAPITAN
 OF BETTER THIS SHALL BE DOE AT IN ADDITIONAL COST, UNESS
 SPECIFIED IN THE BOX SCHEDULE.
- PRIVED OF THE PROEDT MAY PEQUE CLERING AND GRIDDING IN PROTOKET THE OF MODIFICAL SYMBOT WILL DE MORE TO KET THE PEQUENCE AT INDEX PRIOR NO DEPOS PEQUENCE TESTA CLERING SHALL DE REMONED FRAIT HE SITE AT NO POPIDAN.
 - NO ADITIONAL COMPENSATION WILL BE PAID FOR EQUIPMENT MATERIALS AND LABOR REQUIRED FOR PRESSURE TESTING
- M. CONTRATOR STALL MANTAIN ACCESS TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES THROUGHOUT THE WORK.
- CANTRATOR SHALL CORDINATE WITH GEORGIA POWER COMPANY AND/OR COMPETANTED BAY FORTS TREPRENSY POWER POLE SEPORT IN REJIS WHERE GLY WREDS CAPALCT WITH WATER LIVE INSTALLATION. THIS WILL BE DARE AT NO ADDITIONAL COST.
 - CONTRATOR MIL CORDINATE WITH GEORGIA POWER COMPAYY NO/OR CONSTITATION TO THE SHELDING OF POWER LINES NO/OR THAGNARY PRIVAL, AN PREJACIONIN OF ORDERDO LINES OR PALE WHICH MAY CONTLOY OF THE NSTALLATION. THIS SHALL DE DOME AT NO NOTIONAL COST.
 - FINAL GRUNNO SMIL DE DARE DY LANDSCAPE TRACTOR OR DY SMILAR GARNENT TO PROVIDE A SMOTH, INFORM SKRACE FREE OF ROUSE, DRT GLOSS, AND OTHER PERRIES NO ADITIONAL PRIMENT WILL DE NADE TO MEET THIS REQUIREMENT

tapped five feet after the new holding pond taw water line tre-in. The New In the chemical pipe treach. The small

18, Kaw Water Sample Live was

Sample spigot.

Mallett & Associates, 115-B BRABTER SOURCE TRYPLES CERCOL FRANCISCOLUCE, GERGGIA PROPERTY TRYPLES 2373 Sample line connects to the existing sample line Value outside the existing Rumeter pit Will shut off the water to the raw water

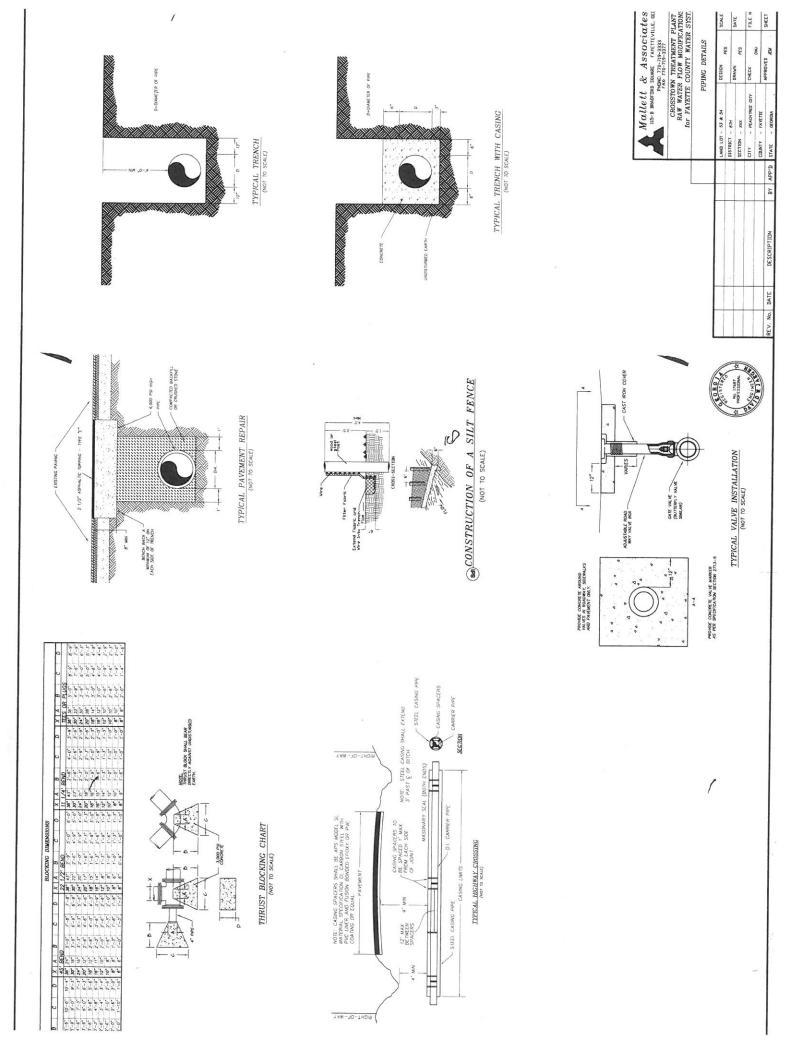
CROSSTOWN TREATMENT PLANT RAW WATER FLOW MODIFICATIONS for FAYETTE COUNTY WATER SYSTEM

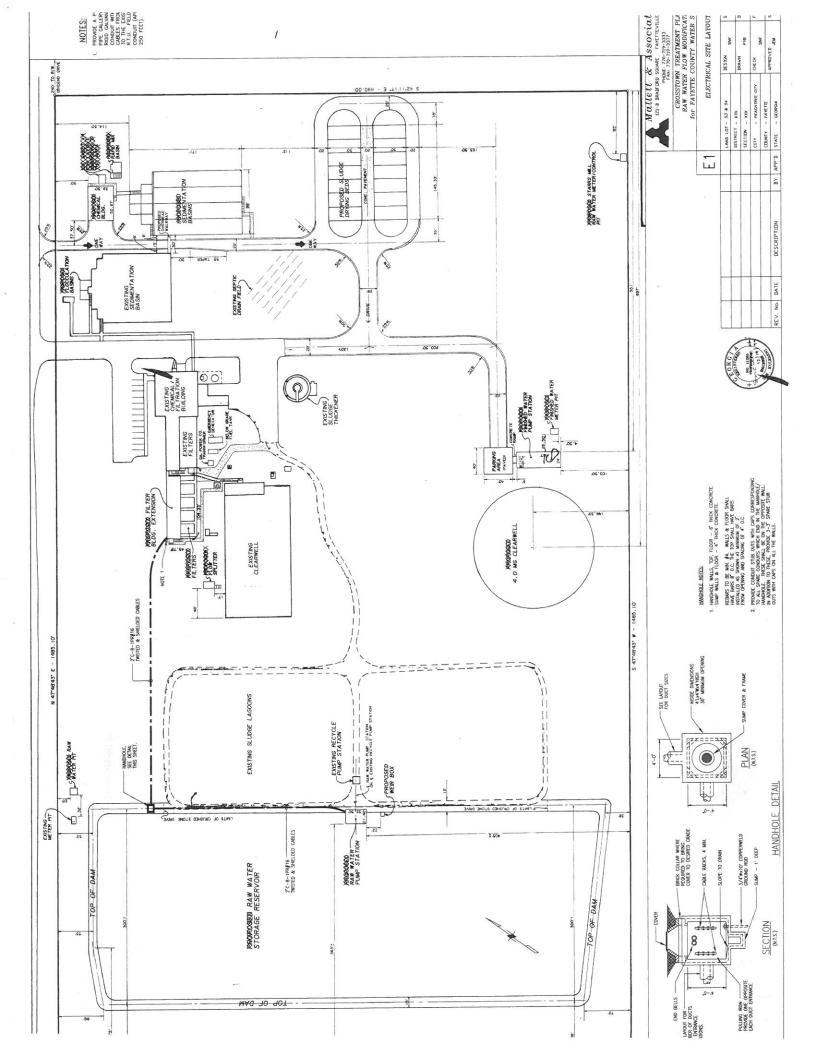
			MODIFICAT	MODIFICATIONS TO YARD PIPING	PIPING	
	ראאם רפו	1	LAND LOT - 53 & 54	DESIGN	SCALE	
	DISTRICT	1	400	PES		7
	SECTION	1	XXX	DRAVN PES	DATE	-
	CITY	1	PEACHTREE GITY	CHECK	FILE NO.	ч.
1	CHINTY		EAMETER	DWO		
I			70000	400000		Н
APP'D	STATE	1	GEORGIA	PER SEN	SHEET NO.	d

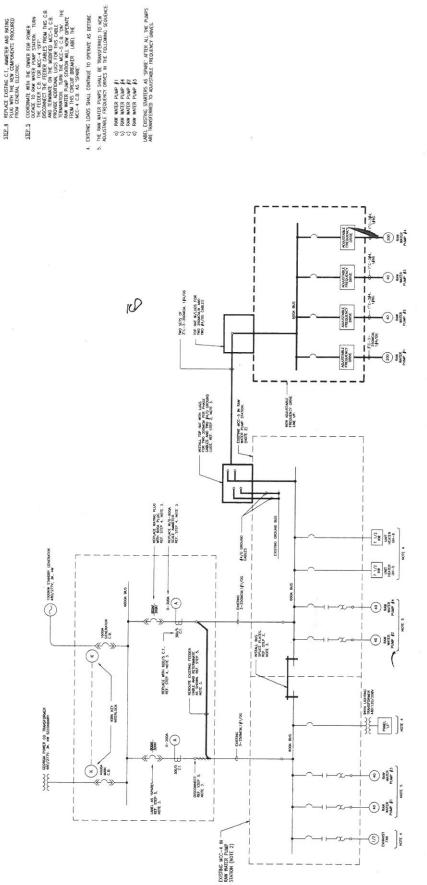
LAND LOTT SECTION SECTION COUNTY RIV ADDET STANS STANS RIV ADDET STANS STANS RIV ADDET STANS ST
BY App.n
DE SCRIPTION

DATE

EV. No.







MOLDED CASE CIF MCP DENOTES MC PROTECTOR

SIEP 1 TURN THE FEEDER C.B.'S FOR MCC-4 AND MCC-5. IN '0FP POSITION. COORDINATE THIS WITH THE OWNER.

SIEP 3 TURN THE FEDDER CB. FOR MCC-4 'ON'. THIS FEEDER C.B. SHALL TEMPORARLY POWER BOTH MCC-4 & MCC-5.

MAGNETIC STARTE! WITH THERMAL EL

-1 HX-

MOTOR-NUMBER I HORSEPOWER RAT

⑤ ③ 3{ ☐ %Z

STARTER COIL

CONTROL POWER

UNDERGROUND DI

2. DEGINE WAS STATISTICAL OF CONCROL LICETING THEY AND-8 (CLE SHEE DOUGLES CONTROL CONTROL MICH. AND MICH. AND THAN A DECRETOR OF CONTROL CONTROL MICH. AND THAN A DECRETOR OF CONTROL MICH. AND THAN A DECRETOR OF RESPECTIVE LY.

5. POWER DOTRIGHTON WOODSTLANDON WORK SHALL BE CARRED DUT

1. ALL EXISTING EQUIPMENT AND CABLES ARE SHOWN IN LIGHT LINES. THE REQUIRED MODIFICATIONS ARE SHOWN IN HEAVY LINES.

LEGEND

ELECTRICAL HANDI CONDUIT RUN EXF

POWER CIRCUIT B

SELECTOR SWITCH THREE POSITION H-O-A: HAND-C L-O-R: LOCAL--

OVERLOAD RELAY ON OVERLOAD NORMALLY OPEN

PARTIAL SINGLE LINE DIAGRAM
(NOTE 1)

Mallett & Associa

113-9 Benyton Some envited.

PROF 778-719-3333

CROSSTOW TREATHERF P.

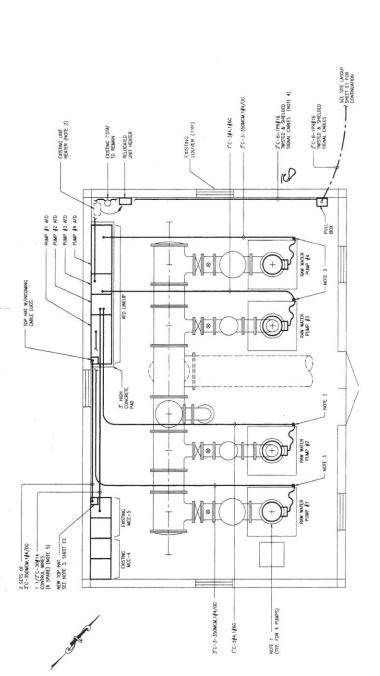
RAW WATER FLOW MODIFICA

for FAYETTE COUNTY WATER

SINGLE LINE DIAGRAM & LE

E2

DESIGN		TOAUM	Bv9	CHECK	SWK	ADDOMACE	To the same
LAND LDT - 53 & 54	nictoirt en	U/0 = 1000	SECTION - XXX	CITY - PEACHTREE CITY	CORNER CAMPET	COONIT = PATETIE	STATE - GEORGIA
							BY APP'D STATE
							ВУ
							DESCRIPTION
					_	1	DATE
							REV. No. DATE

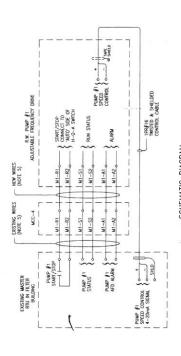


DISCONNECT AND REMOVE EXISTING CABU MCC-4 & MCC-5 TO THE PUMP MOTORS RELOCATE EXISTING UNIT HEATER AND REPOWER & TYSTAT CABLES. DROP CONDUIT VERTICALLY DOWN AND CX MOTOR WITH FLEXIBLE CONDUIT. SUPPO) AT CELLING AND FROM PUMP CONCRETE FOUNDATION. LEAVE 4-IPR#16 CABLES COLED UP AN 'SPARE' AT BOTH THE ENDS. EXTEND CONTROL WIRES FROM EACH EXP PUMP STARTER TO THE RESPECTIVE ADJU FREQUENCY DRIVE FOR THE FOLLOWING:

2#14 PUMP START/STOP CONTROL FR 2#14 PUMP RUN STATUS TO SCADA 2#14 PUMP AFD FAIL ALARM

IDENTEY EXISTING CONTROL WIRES FROM RTU TO THE STARTERS AND RELABEL AS PYPICAL SCHEMATIC DIAGRAM FOR THE AI FREQUENCY DRIVE.

ELECTRICAL LAYOUT RAW WATER PUMP STATION 3/6 = 1'-0'



SPEL	HET KUVED	RY APP'II STATE - GEORGIA	APP'II	RY	DESCRIPTION	DATE
- Country	Appoints	COUNTY - FAYETTE				
FILE	CHECK	CITY - PEACHTREE CITY				
-	The second secon					ı
	Bld	SECTION - XXX		120		
DATE	DRAVN	pisture - oth				1
		DISTRICT STA				
SCALI	DESIGN	LAND LDT - 53 & 54				
ETAILS	ELECTRICAL LAYOUT & DETAILS	ELECTRICA	E3			
R SYS	for FAYETTE COUNTY WATER SYST	for FAYETTE				
PLANT	CROSSTOWN TREATMENT PLANT RAW WATER FLOW MODIFICATION	CROSSTON RAW WATE				
	PHDNE: 770-719-3333 FAX: 770-719-3377	Hd .				
VILLE, GI	SUURKE PATEITE	113-8 BRAIN URD SUDARE PATELLEVILLE, GI				

Mallett & Associates 115-B BRADGIDD SQUARE FAYETEVILE, G