



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000123897 TWO YEAR MAINTENANCE CONTRACT FOR IRRIGATION
SERVICES AT VARIOUS LOCATIONS FOR JEFFERSON PARISH
DEPARTMENT OF PUBLIC WORKS- PARKWAYS**
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com
22-Aug-2018 10:31:55 AM



Bid Number 50 – 00123897

**TWO YEAR MAINTENANCE CONTRACT FOR IRRIGATION SERVICES AT
VARIOUS LOCATIONS FOR JEFFERSON PARISH DEPARTMENT OF
PUBLIC WORKS- PARKWAYS**

SEPTEMBER 20, 2018 AT 2:00 PM

ATTENTION VENDORS!!!

**Please review all pages and respond accordingly, complying with all provisions
in the technical specifications and Jefferson Parish Instructions for Bidders and
General Terms and Conditions. All bids must be received in the Purchasing
Department by the bid due date and time.**

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Donna Evans
DMEvans@Jeffparish.net
504-364-2691**

DATE: 8/22/2018

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00123897

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

BUYER: DMEVANS@jeffparish.net

BIDS WILL BE RECEIVED IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 9/20/2018 AND PUBLICLY OPENED THEREAFTER.

For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only. All bids will be publicly opened at the West Bank location.

At no charge, bidders may also submit via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Further, a current W-9 form and respective Tax Identification number must be supplied upon contract execution, should you be awarded a contract and/or issued purchase order. Failure to do so may result in delay of payment.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing via email to the buyer's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should be mentioned in all requests. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submitted a bid in response to this solicitation may submit a protest in writing to the Director of the Purchasing within 48 hours of bid opening. The Purchasing Director will review it in connection with the Parish Attorney's Office which will then respond in writing as soon as possible.

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA – R.S. 38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

1,3,5,6,8,10,11,12,13,15

MANDATORY

PRE-BID CONFERENCE TO BE HELD AT: GGB-200 DERBIGNY ST-SUITE 4400-GRETNA, LA
10:00 AM JEFFERSON PAR PURCHASING DEPT
ON 9/06/2018

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Prior to contract executions/purchase order issuance, the successful bidder will be required to provide final insurance certificates which shall name Jefferson Parish as an additional insured in accordance with the instructions in the aforementioned "Standard Insurance Requirements" sheet.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies) If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required in conformity with the provisions contained in LSA - RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO X _____

MAXIMUM ESCALATION PERCENTAGE REQUESTED N/A %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 10/31/18

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES 7 days ARO

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) 29959

LA Irrigation Contractors License: 18-0599

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Rotolo Consultants, Inc.

ADDRESS: 38001 Brownsvillage Rd.

CITY, STATE: Slidell, LA ZIP: 70460

TELEPHONE: (985) 643-2427 FAX: (985) 643-2691

EMAIL ADDRESS: brotolo@rotoloconsultants.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: 1

NUMBER: 2

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 191,654.06

AUTHORIZED SIGNATURE: 

Brian Rotolo

Printed Name

TITLE: VP of Finance

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123897

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			TWO YEAR MAINTENANCE CONTRACT FOR IRRIGATION SERVICES AT VARIOUS LOCATIONS FOR JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS- PARKWAYS		
1	24.00	MO	0010 MANHATTAN BLVD. MONTHLY WALK THRU/ TEST OF IRRIGATION SYSTEM	\$162.00	\$3,888.00
2	24.00	MO	0020 WEST ESPLANADE WALK THRU/ TEST OF IRRIGATION SYSTEM	\$421.00	\$10,104.00
3	24.00	MO	0030 WEST NAPOLEON WALK THRU/ TEST OF IRRIGATION SYSTEM	\$295.00	\$7,080.00
4	24.00	MO	0040 LAPALCO BRIDGE WALK THRU/ TEST OF IRRIGATION SYSTEM	\$102.00	\$2,448.00
5	24.00	MO	0050 TERRY PARKWAY WALK THRU/ TEST OF IRRIGATION SYSTEM	\$459.00	\$11,016.00
6	24.00	MO	0060 FOCIS STREET WALK THRU/ TEST OF IRRIGATION SYSTEM	\$130.00	\$3,120.00
7	24.00	MO	0070 JEFFERSON POCKET PARK WALK THRU/ TEST OF IRRIGATION SYSTEM	\$133.00	\$5,616.00
8	24.00	MO	0080 SEVERN AVENUE WALK THRU/ TEST OF IRRIGATION SYSTEM	\$234.00	\$687.50
9	10.00	EA	0090 1 INCH IRRIGATION VALVE	\$68.75	\$1,250.00
10	10.00	EA	0100 1.5 INCH IRRIGATION VALVE	\$125.00	\$1,250.00
11	10.00	EA	0110 2 INCH IRRIGATION VALVE	\$156.25	\$1,562.50
12	10.00	EA	0120 12 INCH IRRIGATION POP-UP	\$12.50	\$125.00
13	10.00	EA	0130 4 INCH IRRIGATION POP-UP	\$2.50	\$25.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123897

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
14	10.00	EA	0140 IRRIGATION NOZZLE	\$2.50	\$25.00
15	10.00	EA	0150 IRRIGATION TURF ROTOR HEAD	\$12.50	\$125.00
16	10.00	LF	0160 IRRIGATION MAIN LINE REPAIR	\$62.50	\$625.00
17	10.00	LF	0170 IRRIGATION LATERAL LINE REPAIR	\$43.75	\$437.50
18	2.00	EA	0180 IRRIGATION CONTROLLER	\$362.50	\$725.00
19	2.00	EA	0190 IRRIGATION 1 INCH RPA BACKFLOW PREVENTER	\$672.88	\$1,345.76
20	2.00	EA	0200 IRRIGATION 2 INCH RPA BACKFLOW PREVENTER	\$2,187.50	\$4,375.00
21	2.00	EA	0210 CLASS II 1 INCH RPA BACKFLOW COVER (NO BASE) (GREEN)	\$250.00	\$500.00
22	2.00	EA	0220 CLASS II 1 INCH RPA BACKFLOW BASE (NO COVER) (GREEN)	\$250.00	\$500.00
23	2.00	EA	0230 CLASS II 1 INCH RPA BACKFLOW COVER CONCRETE FOUNDATION (GREEN)	\$250.00	\$500.00
24	2.00	EA	0240 CLASS II 2 INCH RPA BACKFLOW COVER (NO BASE) (GREEN)	\$250.00	\$500.00
25	2.00	EA	0250 CLASS II 2 INCH RPA BACKFLOW BASE (NO COVER) (GREEN)	\$250.00	\$500.00
26	2.00	EA	0260 CLASS II 2 INCH RPA BACKFLOW COVER CONCRETE FOUNDATION (GREEN)	\$250.00	\$500.00
27	2.00	EA	0270 6 INCH ROUND IRRIGATION VALVE BOX	\$43.75	\$87.50

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123897

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
28	2.00	EA	0280 10 INCH ROUND IRRIGATION VALVE BOX	\$56.25	\$112.50
29	2.00	EA	0290 14 INCH X 19 INCH IRRIGATION VALVE BOX	\$68.75	\$137.50
30	2.00	EA	0300 13 INCH X 20 INCH IRRIGATION VALVE BOX	\$50.00	\$100.00
31	2.00	EA	0310 13 INCH X 24 INCH IRRIGATION VALVE BOX	\$50.00	\$100.00
32	5.00	HR	0320 IRRIGATION WIRE TRACKING	\$62.50	\$312.50
33	20.00	LF	0330 WIRE REPAIR	\$6.25	\$125.00
34	20.00	EA	0340 WATERPROOF IRRIGATION WIRE SPLICE	\$6.25	\$125.00
35	2.00	LF	0350 IRRIGATION LINE TUNNELING (UNDER 5 FOOT PER)	\$43.75	\$87.50
36	20.00	LF	0360 IRRIGATION LINE MACHINE BORING (OVER 5 FOOT PER)	\$31.25	\$625.00
37	10.00	EA	0370 NIPPLE RISERS 1/2 INCH X 3 INCH (FOR POP UPS)	\$50.00	\$500.00
38	10.00	EA	0380 NIPPLE RISERS 3/4 INCH X 3 INCH (FOR ROTORS)	\$43.75	\$437.50
39	10.00	EA	0390 SOLENOID - (RAIN BIRD)	\$50.00	\$500.00
40	10.00	EA	0400 SOLENOID - (HUNTER)	\$43.75	\$437.50
41	10.00	EA	0410 RAIN BIRD 1800 6 INCH EXTENSIONS RISERS	\$3.75	\$37.50

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123897

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
42	10.00	EA	0420 DIAPHRAM - 1 INCH VALVE (RAIN BIRD)	\$125.00	\$1,250.00
43	10.00	EA	0430 DIAPHRAM - 1.5 INCH (RAIN BIRD)	\$125.00	\$1,250.00
44	10.00	EA	0440 DIAPHRAM 2 INCH - VALVE (RAIN BIRD)	\$125.00	\$1,250.00
45	10.00	EA	0450 DIAPHRAM - 1 INCH VALVE (HUNTER)	\$62.50	\$625.00
46	10.00	EA	0460 DIAPHRAM - 1.5 INCH VALVE (HUNTER)	\$62.50	\$625.00
47	10.00	EA	0470 DIAPHRAM - 2 INCH VALVE (HUNTER)	\$175.00	\$1,750.00
48	10.00	EA	0480 HUNTER M.P. ROTOR NOZZLES	\$18.75	\$187.50
49	10.00	EA	0490 HUNTER XC HYBIRD CONTROLLER WITH STAINLESS STEEL BOX: XCH-600-SS(6 STATION)	\$733.75	\$7,357.50
50	10.00	EA	0500 HUNTER XC HYBIRD CONTROLLER WITH STAINLESS STEEL BOX: XCH-1200-SS(12 STATION)	\$911.25	\$9,112.50
51	10.00	EA	0510 HUNTER I-CORE MODULAR CONTROLLER WITH METAL CABINET (HUNTER IC-600-M)	\$1,161.00	\$11,610.00
52	10.00	EA	0520 HUNTER 6 STATION EXPANSION MODULES (HUNTER ICM-600)	\$151.20	\$1,512.00
53	10.00	EA	0530 16 GAUGE DIRECT BURIAL IRRIGATION WIRE	.27	\$2.70
54	10.00	EA	0540 HUNTER 2-WIRE DECODER CONTROLLER WITH METAL CABINET (HUNTER ACC-99D)	\$3,157.00	\$31,570.00
55	10.00	FT	0550 14 GAUGE SOLID CORE TWISTED IRRIGATION WIRE	.36	\$3.60

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123897

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
56	10.00	EA	0560 HUNTER WIRELESS SOLAR SYNC WEATHER SENSOR (HUNTER WSS-SEN)	\$297.00	\$2,970.00
57	10.00	EA	0570 1 INCH SIGNATURE SOLO RAIN 8015 BATTERY VALVE/TIMER	\$252.00	\$2,520.00
58	10.00	EA	0580 HUNTER DECODER (ICD-100)	\$355.74	\$3,557.40
59	10.00	EA	0590 HUNTER DECODER (ICD-200)	\$596.37	\$5,963.70
60	10.00	EA	0600 HUNTER DECODER GROUNDING ROD	\$78.36	\$783.60
61	10.00	EA	0610 HUNTER NODE BATTERY TIMER (NODE-100)	\$376.65	\$3,766.50
62	10.00	EA	0620 HUNTER NODE BATTERY TIMER (NODE-200)	\$491.73	\$4,917.30
63	10.00	EA	0630 HUNTER NODE BATTERY TIMER (NODE-400)	\$596.37	\$5,963.70
64	10.00	EA	0640 HUNTER NODE BATTERY TIMER (NODE-600)	\$405.00	\$4,050.00
65	10.00	EA	0650 1 INCH HUNTER PGV DC LATCHING SOLENOID VALVE	\$63.87	\$638.70
66	10.00	EA	0660 1 1/2 INCH HUNTER PGV DC LATCHING SOLENOID VALVE	\$63.87	\$638.70
67	10.00	EA	0670 2 INCH HUNTER PGV DC LATCHING SOLENOID VALVE	\$63.87	\$638.70
68	10.00	EA	0680 1 INCH HUNTER ICV VALVE	\$162.00	\$1,620.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123897

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
69	10.00	EA	0690 1 1/2 INCH HUNTER ICV VALVE	\$216.00	\$2,160.00
70	10.00	EA	0700 2 INCH HUNTER ICV VALVE	\$292.95	\$2,929.50
71	10.00	EA	0710 1 INCH BRASS GATE VALVE	\$32.07	\$320.70
72	10.00	EA	0720 1 1/2 INCH BRASS GATE VALVE	\$63.06	\$630.60
73	10.00	EA	0730 2 INCH BRASS GATE VALVE	\$85.14	\$851.40
74	10.00	FT	0740 MULTI-STRAND IRRIGATION WIRE	\$1.17	\$11.70
75	10.00	EA	0750 3M DBR/Y-6 WATERPROOF CONNECTORS	\$8.34	\$83.40
76	10.00	EA	0760 25 INCH X 19 INCH RECTANGULAR VALVE BOX	\$83.54	\$835.40
77	1.00	ONLY	0770 DIRECTOR APPROVED INCIDENTAL NO PRICE IS ENTERED FOR THIS ITEM. THIS ITEM IS HERE FOR USE DURING THE CONTRACT TERM FOR ANY ADDITIONAL REPAIR AND OR REPLACEMENT NOT INCLUDED ON THE INCIDENTAL LINE ITEMS SHEET. THIS ITEM WILL NOT BE USED IN DETERMINING THE LOW BIDDER AND WILL NOT BE INCLUDED IN THE OVERALL CONTRACT PRICE.	N/A	N/A
78	10.00	HR	0780 ADDITIONAL LOCATIONS - WESTBANK HOURLY RATE FOR TROUBLESHOOTING FOLLOW INCIDENTAL LIST FOR COST OF REPAIRS	\$75.00	\$750.00
79	10.00	HR	0790 ADDITIONAL LOCATIONS - EASTBANK HOUR RATE FOR TROUBLESHOOTING	\$75.00	\$750.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123897

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			FOLLOW INCIDENTAL LIST FOR COST OF REPAIRS		
80	10.00	EA	0800 ADDITIONAL CONTROLLER CHECK FOR MANHATTAN BLVD	\$104.00	\$1,040.00
			AS REQUESTED BY JEFFERSON PARISH		
81	10.00	EA	0810 ADDITIONAL CONTROLLER CHECK FOR WEST ESPLANADE AVE	\$238.00	\$2,380.00
			AS REQUESTED BY JEFFERSON PARISH		
82	10.00	EA	0820 ADDITIONAL CONTROLLER CHECK FOR WEST NAPOLEON	\$151.00	\$1,510.00
			AS REQUESTED BY JEFFERSON		
83	10.00	EA	0830 ADDITIONAL CONTROLLER CHECK FOR LAPALCO BRIDGE	\$77.00	\$770.00
			AS REQUESTED BY JEFFERSON PARISH		
84	10.00	EA	0840 ADDITIONAL CONTROLLER CHECK FOR TERRY PARKWAY	\$250.00	\$2,500.00
			AS REQUESTED BY JEFFERSON PARISH		
85	10.00	EA	0850 ADDITIONAL CONTROLLER CHECK FOR FOCIS STREET	\$86.00	\$860.00
			AS REQUESTED BY JEFFERSON PARISH		
86	10.00	EA	0860 ADDITIONAL CONTROLLER CHECK FOR JEFFERSON POCKET PARK	\$103.00	\$1,030.00
			AS REQUESTED BY JEFFERSON PARISH		
87	10.00	EA	0870 ADDITIONAL CONTROLLER CHECK FOR SEVERN AREA	\$161.00	\$1,610.00
			AS REQUESTED BY JEFFERSON PARISH		

Bid 50-00123897

SPECIFICATIONS

**Specifications
For
Irrigation
for Jefferson Parish**

Contents

Section 1 Information for Bidders

- 1.1 Bid Requirements
- 1.2 Special Conditions

Section 2 Technical Specifications

- 2.1 Summary of Work
- 2.2 Scope of Work
- 2.3 Location of the Sites

Section 1.0 Information for Bidders

1.1 BID REQUIREMENTS

1.1.1 Contract Terms – This a contract for this two (2) year maintenance contract. The contract end date for this will be second anniversary two years after.

1.1.2 A MANDATORY Pre-Bid Conference will be held at 10:00 am on 09/06/2018 in the GGB Building located at 200 Derbigny Street, Suite 4400, Gretna, La 70053, All bidders must attend the Mandatory pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the Mandatory pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.

1.1.3 Bid Bond – a Surety Bond is required in 5% of bid submission and is due with bid submission.

1.1.4 Performance Bond – a performance bond in 50% of the contract amount will be due at the signing of the formal contract.

1.1.5 Required Licenses –The vendor must have a Louisiana Department of Agriculture Business License in the category of Louisiana Department of Agriculture and Forestry Irrigation Contractor’s License. A copy of the front and back of the license is required with bid submission or the bid response will be deemed non-responsive. The licenses are required to be valid through the contract term.

1.2 SPECIAL CONDITIONS

1.2.1 Definitions

1.2.1.1 Median – The entire area between the back of curb of opposing multiple travel lanes. For example: A boulevard has two one-direction lanes traveling north and two one-direction lanes traveling south. The lanes are divided by an area 50’ wide as measured from the back of curb of the north bound lanes to the back of curb of the southbound lanes. This 50’ area is the median.

1.2.1.2 Repair/Replacement – A list of incidental repair items is included with this bid. All bidders shall price the incidental items on the bid form for the possibility of providing and installing the items during the life of the contract. There is no

minimum or maximum quantity of each item that may be required during the contract. Each item, if required during the contract, will be invoiced in addition to the monthly invoice. All items will require prior approval from Jefferson Parish before being purchased and installed. Whenever possible, the contractor shall supply the same manufacturer and product number of any incidental items he repairs/replaces. All incidentals item pricing shall include all freight, taxes, labor, tools and supplies to properly install each item.

Any additional repair and or replacement not included on the incidental line items sheet, including all associated labor, delivery charges and taxes, shall be approved by Jefferson Parish prior to that repair taking place. The Contractor shall provide a written description of the work to be performed and included all pricing for approval by Jefferson Parish prior to performing the work.

1.2.2 Equipment Requirements – The Contractor shall determine the equipment that is to be used. The bid shall include equipment, operators, fuel, maintenance and transportation. All equipment shall be in a good state of operation and shall be maintained to work and perform the tasks it was designed for in an expedient time frame. Continual breakdown, repairs or work stoppage due to equipment failure will not be permitted. Any damage that occurs to the Site related to faulty equipment shall be repaired immediately at the Contractor's expense. All equipment required to complete the associated tasks shall be furnished upon request. The following information shall be included: type, make, model, manufacturer and quantity.

1.2.3 Work Compliance – The proposed work must comply with OSHA, DOT, Jefferson Parish and any other applicable agency requirements and regulations regarding this variety of work. The Contractor will present Jefferson Parish with all licenses and permits required to perform the work upon request.

1.2.4 Associated Costs – It is the Contractor's responsibility to maintain the Sites to the highest standard. However, the Contractor is not responsible for any replacement costs, or labor that exceeds the work outlined in this document.

1.2.5 Maintenance Reports – A monthly maintenance report may be required by the Jefferson Parish Parkways Department to be kept submitted with monthly invoices. These reports, if required, are records used for tracking and quality assurance purposes. The Contractor is required to notify Jefferson Parish within 24 hours of any problems and/or restrictions that would prevent him from performing his duties. The Contractor shall provide his own form.

1.2.6 Inspections – Frequent inspections of area of work performed shall be made by Jefferson Parish personnel to determine the acceptance of the work performed. In the event the work is considered unacceptable, the Contractor will be directed to immediately

employ any and all methods or means to bring the area up to an acceptable level within three (3) days of notice, without any extra cost to Jefferson Parish. The discovery of any fraudulent activities associated with this contract during the inspection process will be grounds for immediate contract termination without further compensation. In addition, such circumstances may initiate possible legal ramifications for the Contractor.

Every month a required walkthrough of all Sites will be part of this bid. The company manager and his job superintendent will walk all portion of the job with the Jefferson Parish horticulturalist to monitor the condition of the maintenance program.

1.2.7 Traffic Control and Signs – The Contractor shall provide all necessary barricades, signs, lights and warning devices or any other item necessary in order to properly move traffic around or through his operations. Set up, removal and maintenance of all traffic control equipment shall be by the Contractor. Slow moving vehicle signs and flashing lights shall be installed on all moving equipment that will use the public rights-of-way for movement of equipment. In the event that a lane of traffic will need to be closed, the Contractor shall provide sufficient notification to the Jefferson Parish Traffic Engineer of necessity to close any portion of the roadway carrying vehicles or pedestrians. The Contractor will request final approval of such closings from the Department of Public Works, Traffic Engineering Division, at least ten (10) working days in advance.

1.2.7.1 The Contractor shall be responsible for providing safe and expedient movement of traffic through the work Sites. The Contractor must have in place prior to work, a method of recording, responding and repairing legitimately broken glass, windshields or any other kind of damage experienced due to the work being performed.

1.2.7.2 The Louisiana State Manual for Uniform Traffic Control shall be strictly enforced.

1.2.8 Work Periods – No work shall be done between 6:00 p.m. and 7:00 a.m., or on Saturdays, Sundays, or legal holidays without permission from Jefferson Parish. However, emergency work may be done without prior permission. In the event that the Contractor wishes to work weekends, holidays or outside the allowed times of the local governing bodies, he must secure permission from Jefferson Parish, and provide at least 72 hours notification of his intentions. Contractor must also be aware of any local event that may affect his scheduled maintenance operation.

1.2.9 Utility Service Interrupt – In the event of interruption of public or private utility service or general damage to public or private properties as a result of accidental breakage or any other actions by the Contractor, he shall immediately notify the proper authority and/or property owner and shall fully cooperate with said authority or owner

until the service is restored to its previous capacity. All costs associated with the notification and repair shall be paid for by the Contractor.

1.2.10 Ongoing Contracts – It is possible that other Contractors may be working within close proximity of the locations of work. The Contractor shall coordinate his work with any other Contractors working in or around the locations. Should a conflict occur, a Parish representative will make all final decisions.

1.2.11 Nuisance Control – The Contractor shall include in his bid the control of dust, noise and odors created by his operations. All controls shall be completed in order that nuisances are minimized and occur within the standards of all governing bodies.

1.2.12 Transferring Contracts – Transfer of this contract shall not be allowed under any circumstances unless an amendment is passed by the Jefferson Parish council.

1.2.13 Safety Precautions – The Contractor shall strictly follow approved and normal safety practices during all operations. The Contractor shall follow the guidelines as noted in the OSHA requirements.

Section 2.0 Technical Specifications

2.1 SUMMARY OF WORK

- 2.1.1 Approach** - Jefferson Parish is the turnkey operation to include, but not limited, automatic irrigation maintenance, and associated maintenance of the sites throughout Jefferson Parish. This will be a more specialized maintenance assistance bid which is intended to supplement the work performed by the current maintenance contract with Jefferson Parish with respect to the maintenance of Parish facilities and public rights-of-way.
- 2.1.2 General Scope** - Jefferson Parish is soliciting bids from qualified Contractors for the turnkey operation to include, but not limited, automatic irrigation maintenance, and associated maintenance of the sites throughout Jefferson Parish. The expression turnkey shall include but may not be limited to all labor, material, equipment, transportation, insurances, licenses, qualifications, experience, removal and disposal, to accomplish the scope of work as defined in Section 2.2. Jefferson Parish will contract with a qualified Contractor capable of providing turnkey planning, management, implementation and the coordination of these efforts with Parish officials.

2.2 SCOPE OF WORK

- 2.2.1 General** - The scope of work shall include all items as listed within Section 2.0 of these specifications. This shall include turnkey maintenance of the designated Sites to include all irrigation pertaining to the listed maintenance for Jefferson Parish.
- 2.2.1.1 Questions** – All questions must be submitted in writing to the Jefferson Parish Purchasing Department a minimum of five (5) working days prior to the bid opening. All questions will be answered in writing, and submitted to all Contractors involved in the bidding process.
- 2.2.2 Bid Amount** – The bid price includes all insurance, products, equipment, labor, operators, fuel and transportation to and from the work Sites. The Contractor shall be aware and shall be held responsible under this contract to the requirements prescribed by the following resolution and all the amendments. Contractor shall refer to resolution **113646** “Provides for a uniform set of general specifications and conditions for all Contractors engaged in performing works or services for the Parish of Jefferson”.

2.2.3 Automatic Irrigation – As an integral part of the improvements, and for the long term success and survivability of the planted areas, an automatic irrigation system has been installed in all garden bed areas turf areas. Monitoring of the system and performing the necessary repairs to the system is required by the Contractor. These tasks include, but may not be limited to, replacement of heads, broken water lines and valves; adjustment of the controller, heads, valves and zone water durations and frequencies. All irrigation repair costs will be as per the incidental list provided by the contractor and shall be performed within two working days of the issue being discovered by the Contractor and/or the Owner. Irrigation repair costs shall be submitted with the monthly invoice. The Contractor must receive approval from Jefferson Parish prior to any repairs.

The Contractor shall be responsible for making a complete walk-through/test of each irrigation system approximately nine (9) to twelve (12) visits per year as directed by Jefferson Parish. The Contractor shall create a report of the system for each site detailing the following information:

- Date/Time of test;
- Irrigation technician performing the test;
- Weather conditions;
- Note the controller settings for that day;
- As needed, or requested by Jefferson Parish, adjust controller settings for each site;
- Note any malfunctioning components of the system;
- Recommend repairs for any discovered malfunctions.

In addition to the monthly test of the irrigation systems, the Contractor shall include approximately six (6) to ten (10) additional site visits for controller adjustment as directed by Jefferson Parish. When requested by Jefferson Parish, the Contractor shall have an irrigation technician adjust the irrigation controllers at each site to account for weather changes. This may included, but not be limited to, watering frequencies and durations.

Sprinkler head adjustment (aiming) is not considered incidental work or part of the required site inspections and controller adjustments, and shall not be charged as such. Head adjustments shall be made, when noticed by the Contractor, at each site(s) visit.

2.2.4 Drainage – Monitor all aspects of the drainage system located within the maintenance sites including catch basins, grates and swales. Clean and discard any blockages as necessary. Clogged or broken drain lines, or defects in catch basins are to be reported to the Jefferson Parish Streets Department as soon as they are discovered.

2.2.5 General – At the discretion of the Jefferson Parish Horticulturalist products, methods and application rates may be adjusted due to cultural changes or plant needs. Any changes in these specifications will not create additional financial obligations for the Contractor.

2.3 LOCATIONS OF THE SITES (BASE BID)

2.3.1 Manhattan – from Lapalco Boulevard to 12th Street

2.3.2 West Esplanade – from Power Boulevard to Orpheum Avenue

2.3.3 West Napoleon – from Michigan Avenue to Kent Avenue

2.3.4 Lapalco Bridge – Northwest side of Lapalco Bridge to Destrehan Avenue

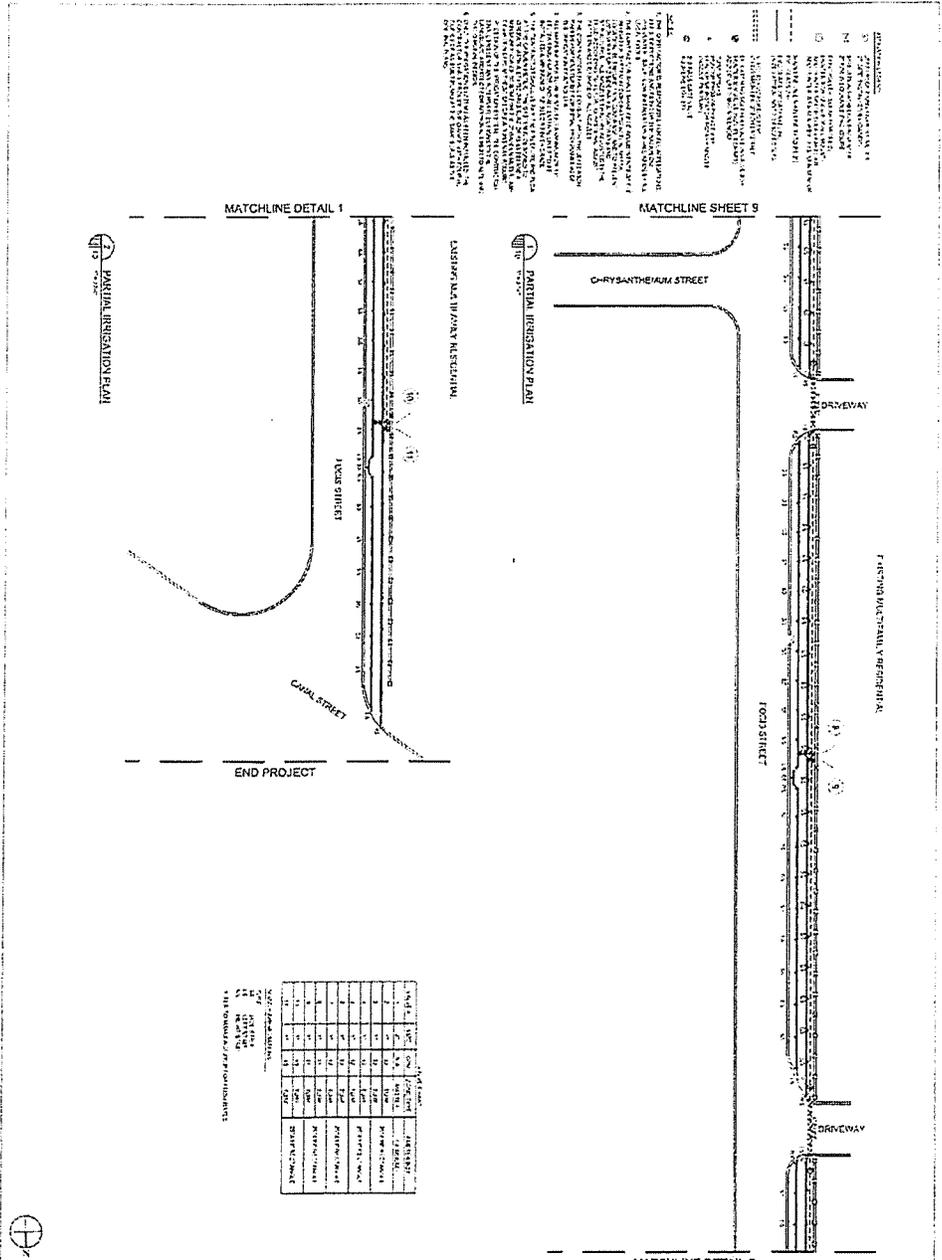
2.3.5 Terry Parkway – from Carol Sue to Laurel Avenue

2.3.6 Focis Street – from Canal Street to Old Metairie Village Shopping Center

2.3.7 Jefferson Pocket Park – 9932 Jefferson Highway, River Ridge

2.3.8 Severn Avenue – 17th Street, 18th Street, 19th Street (N. Arnoult Rd. to Severn Ave.)

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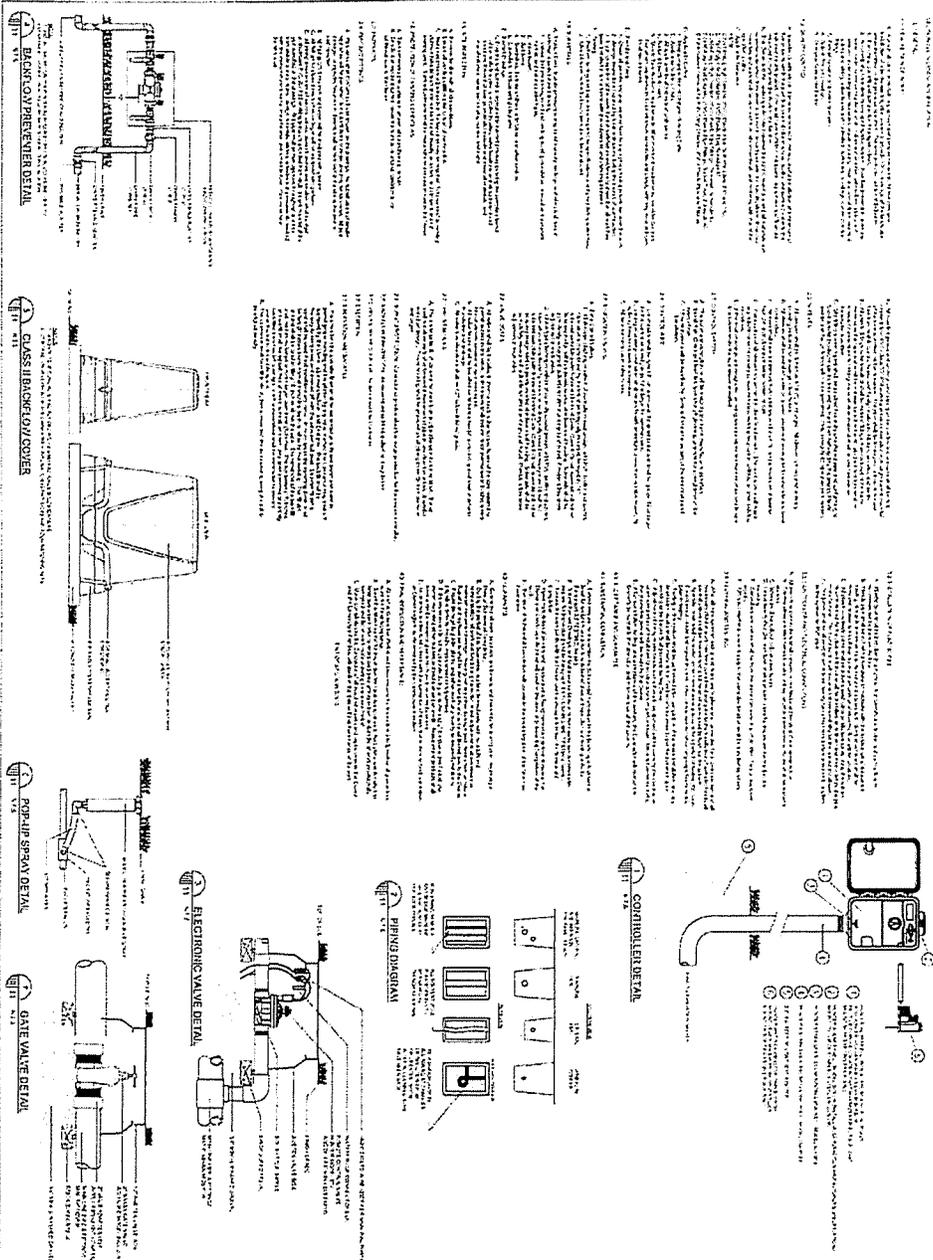
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FOCUS STREET BEAUTIFICATION
Metairie, Louisiana

PARTIAL IRRIGATION PLAN

LINFIELD, HUNTER & JUNIUS, INC.
 PROFESSIONAL ENGINEERS, ARCHITECTS
 AND SURVEYORS
 2608 18th Street, Suite 200
 Metairie, Louisiana 70002



Focis Street Beautification Metairie, Louisiana IRRIGATION SPECS/DETAILS		DATE: 11/11/11 DRAWN BY: JH CHECKED BY: JH APPROVED BY: JH		LINFIELD, HUNTER & JUNIUS, INC. PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS 3608 7th Street, Suite 200 Metairie, Louisiana 70002
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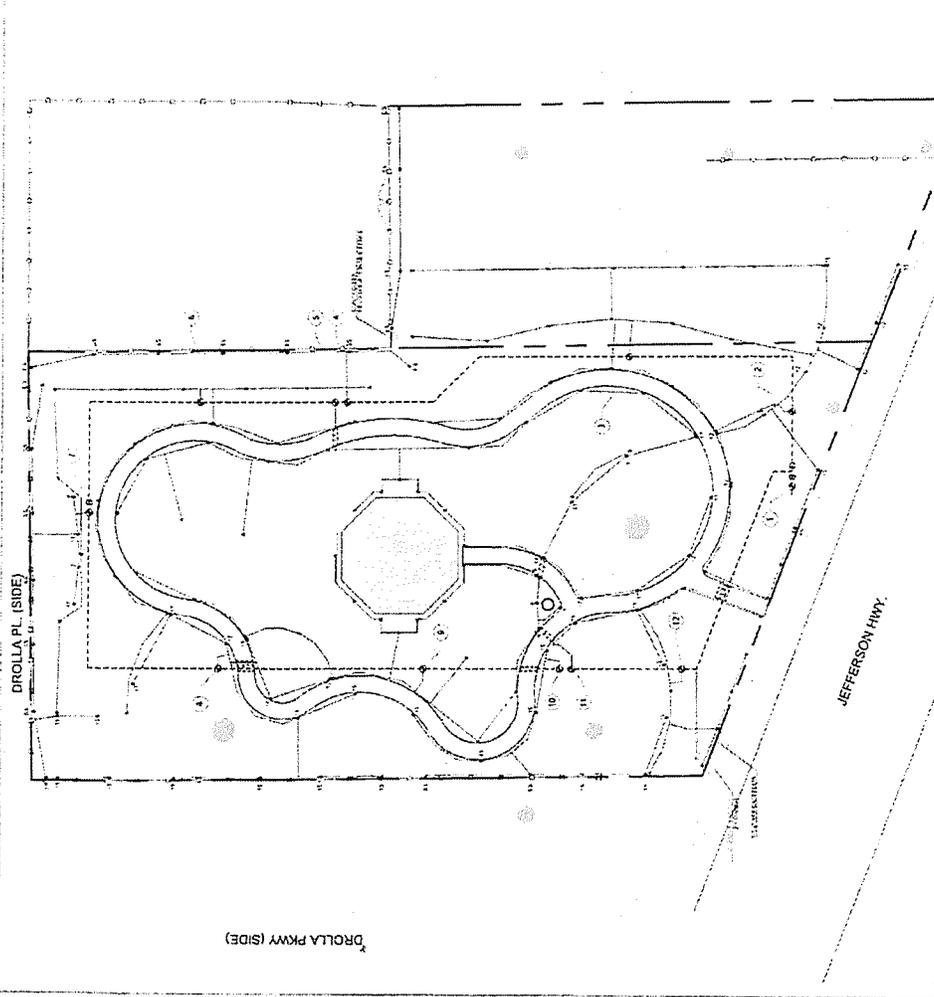
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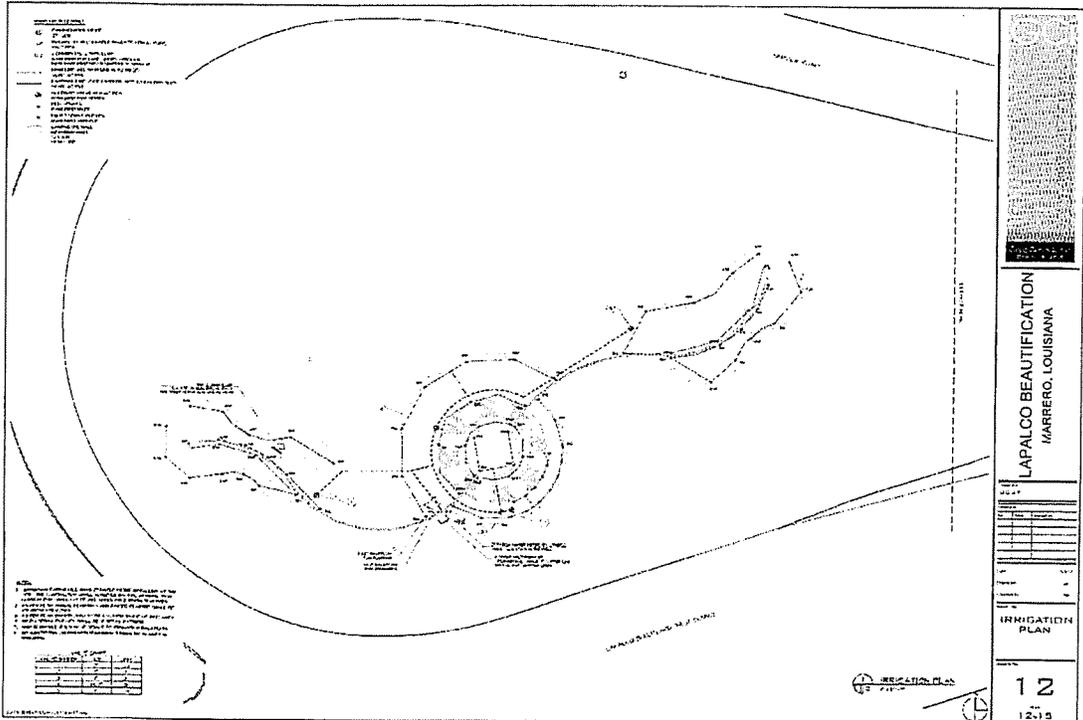
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 99. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 100. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.





- 1. CONSTRUCTION NOTES
- 2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND SPECIFICATIONS:
- 3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND SPECIFICATIONS:
- 4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND SPECIFICATIONS:
- 5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND SPECIFICATIONS:
- 6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND SPECIFICATIONS:
- 7. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND SPECIFICATIONS:
- 8. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND SPECIFICATIONS:
- 9. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND SPECIFICATIONS:
- 10. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND SPECIFICATIONS:

DATE: 12/12/12

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	12/12/12
2	ISSUED FOR CONSTRUCTION	12/12/12
3	ISSUED FOR AS-BUILT	12/12/12

PROJ. NO. 12-12-12
 SHEET NO. 12 OF 12
 DATE: 12/12/12

LAPALCO BEAUTIFICATION
 MARRERO, LOUISIANA

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	12/12/12
2	ISSUED FOR CONSTRUCTION	12/12/12
3	ISSUED FOR AS-BUILT	12/12/12

IRRIGATION PLAN

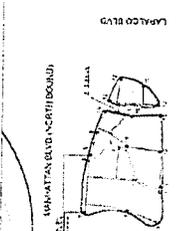
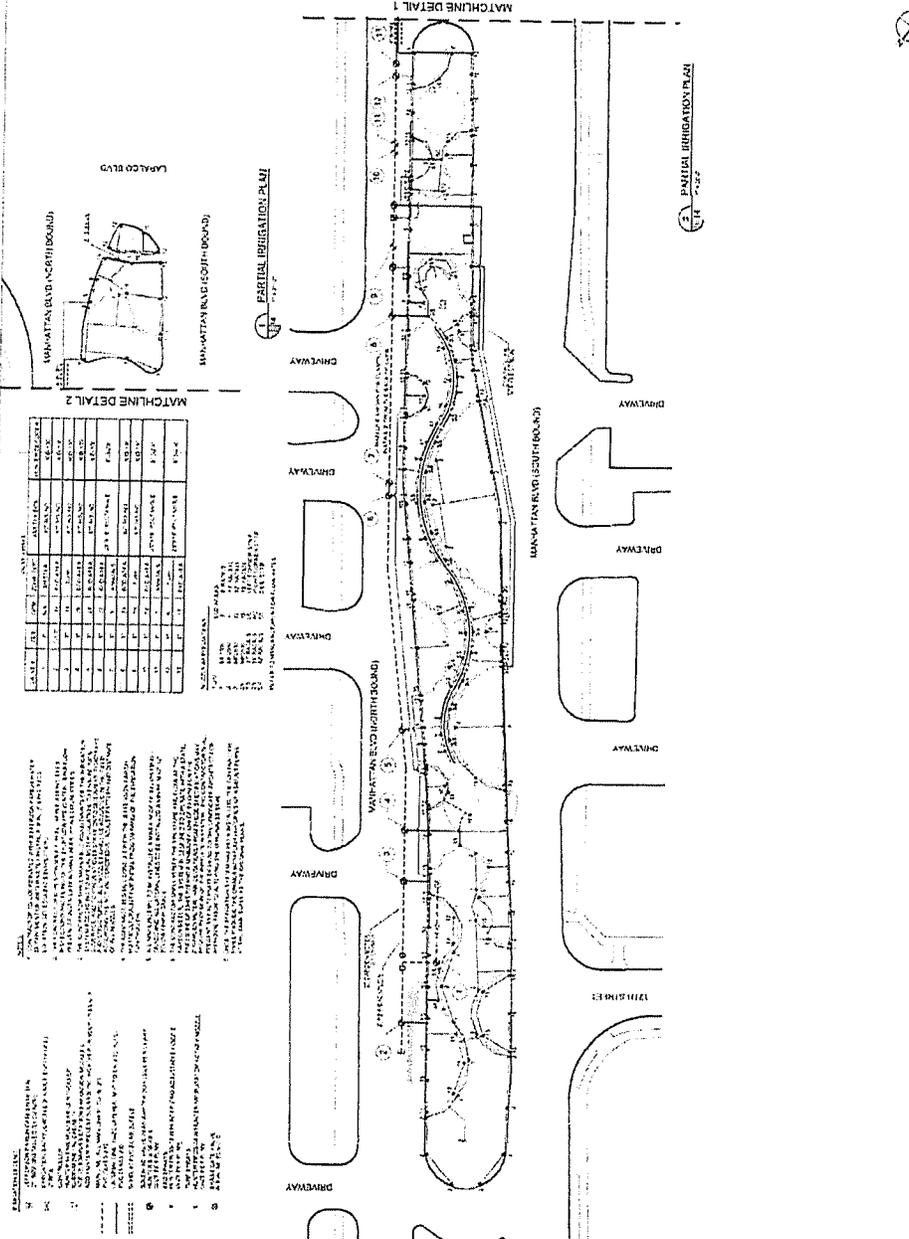
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 12/12

LINFELD, HUNTER & JUNIUS, INC.
 PROFESSIONAL ENGINEERS, ARCHITECTS
 AND SURVEYORS
 4003 FNB Street, Suite 200
 Metairie, Louisiana 70002

DATE: 11-11-16
 DRAWING NO: 16-001

Manhattan Beautification, Phase I
 Irrigation Plan

14



MATCHLINE DETAIL 2

STATION	DATE	BY	REVISION
1	11/11/16	JUNIUS	ISSUED FOR PERMIT
2	11/11/16	JUNIUS	REVISED PER COMMENTS
3	11/11/16	JUNIUS	REVISED PER COMMENTS
4	11/11/16	JUNIUS	REVISED PER COMMENTS
5	11/11/16	JUNIUS	REVISED PER COMMENTS
6	11/11/16	JUNIUS	REVISED PER COMMENTS
7	11/11/16	JUNIUS	REVISED PER COMMENTS
8	11/11/16	JUNIUS	REVISED PER COMMENTS
9	11/11/16	JUNIUS	REVISED PER COMMENTS
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11	11/11/16	JUNIUS	REVISED PER COMMENTS
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16	11/11/16	JUNIUS	REVISED PER COMMENTS
17	11/11/16	JUNIUS	REVISED PER COMMENTS
18	11/11/16	JUNIUS	REVISED PER COMMENTS
19	11/11/16	JUNIUS	REVISED PER COMMENTS
20	11/11/16	JUNIUS	REVISED PER COMMENTS

1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

2. ALL DRIVEWAYS SHALL BE CONCRETE ON A 4" SAND FILL ON A 4" GRAVEL SUBGRADE.

3. ALL DRIVEWAYS SHALL BE 12" WIDE WITH 2" RAMPUPS.

4. ALL DRIVEWAYS SHALL BE 12" WIDE WITH 2" RAMPUPS.

5. ALL DRIVEWAYS SHALL BE 12" WIDE WITH 2" RAMPUPS.

6. ALL DRIVEWAYS SHALL BE 12" WIDE WITH 2" RAMPUPS.

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15. ALL DRIVEWAYS SHALL BE 12" WIDE WITH 2" RAMPUPS.

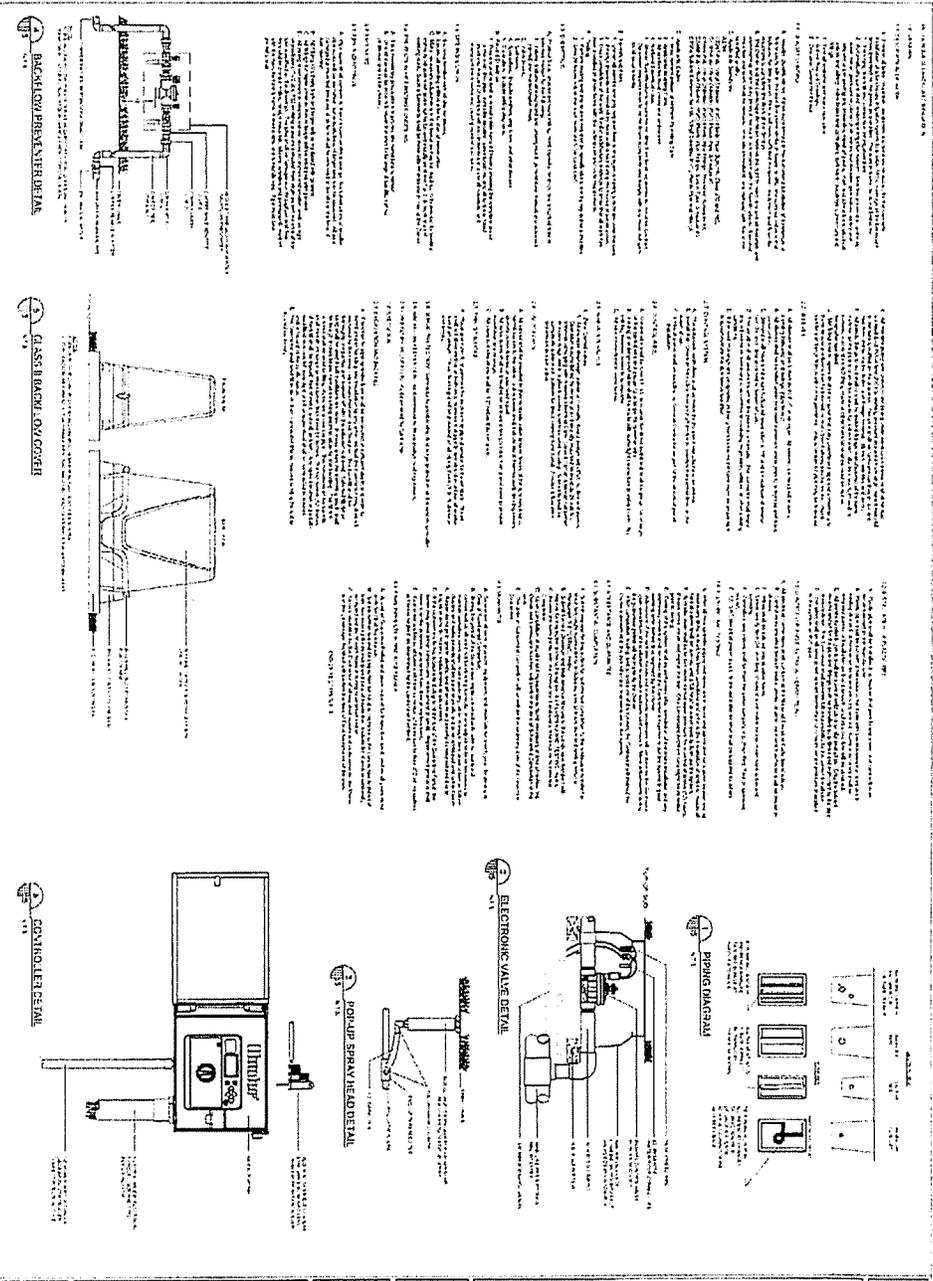
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19. ALL DRIVEWAYS SHALL BE 12" WIDE WITH 2" RAMPUPS.

20. ALL DRIVEWAYS SHALL BE 12" WIDE WITH 2" RAMPUPS.



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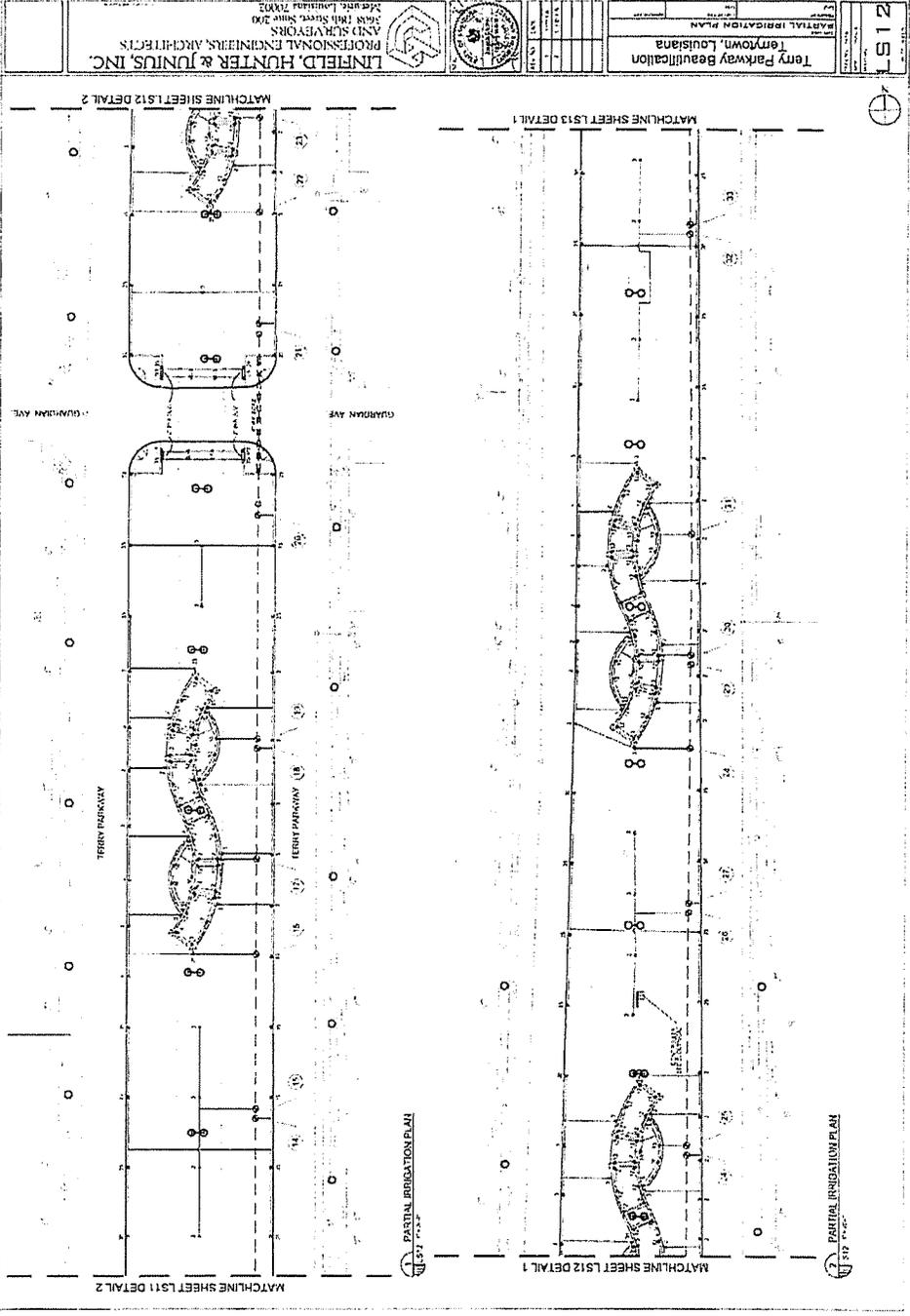


Terry Parkway Beautification
Terrebonne, Louisiana
PARTIAL IRRIGATION PLAN

DATE: 11/15/11
DRAWN BY: J. HUNTER
CHECKED BY: J. HUNTER
SCALE: AS SHOWN



LINFELD, HUNTER & JUNIUS, INC.
PROFESSIONAL ENGINEERS ARCHITECTS
4512 SHERBOURNE
MOBILE, LOUISIANA 70002



MATCHLINE SHEET LS11 DETAIL 2

MATCHLINE SHEET LS12 DETAIL 2

MATCHLINE SHEET LS12 DETAIL 1

MATCHLINE SHEET LS13 DETAIL 1

PARTIAL IRRIGATION PLAN

PARTIAL IRRIGATION PLAN

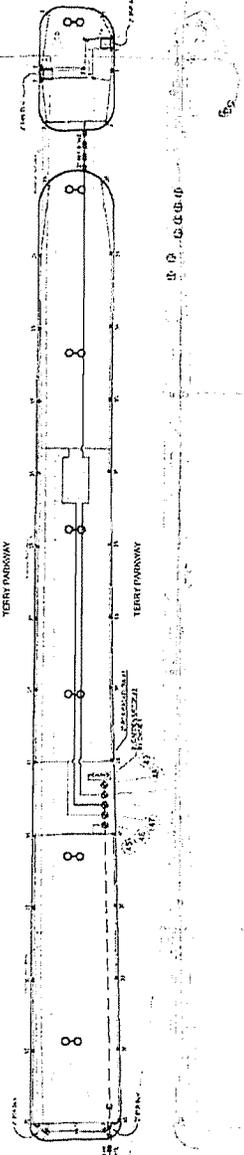
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Terry Parkway Beautification
Terrytown, Louisiana
PARTIAL IRRIGATION PLAN

LNFIELD, HUNTER & JUNIUS, INC.
PROFESSIONAL ENGINEERS, ARCHITECTS
AND SURVEYORS
1605 PINE STREET, SUITE 200
Metairie, Louisiana 70002

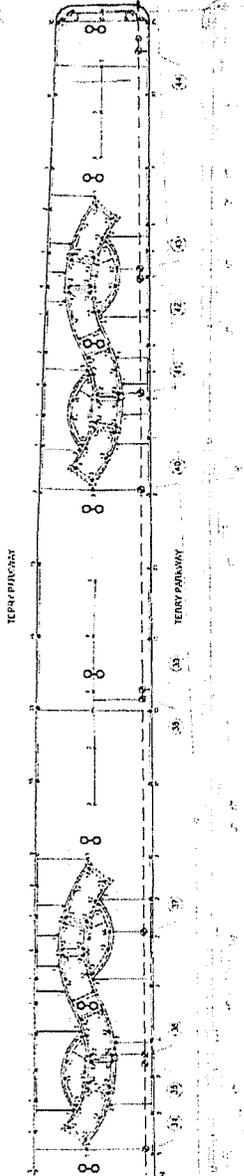
END PROJECT
CAROL SWE AVE

MATCHLINE SHEET LS11 DETAIL 2
HARVARD AVE



7 PARTIAL IRRIGATION PLAN
LS13 DETAIL 1

6 PARTIAL IRRIGATION PLAN
LS12 DETAIL 2



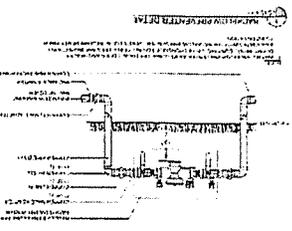
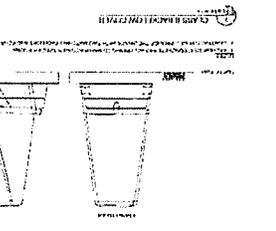
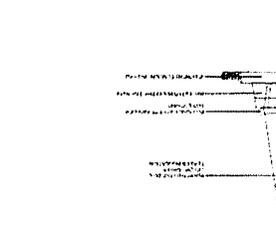
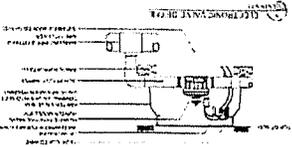
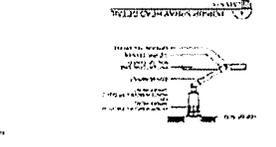
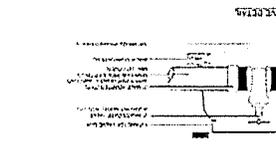
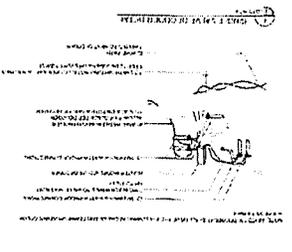
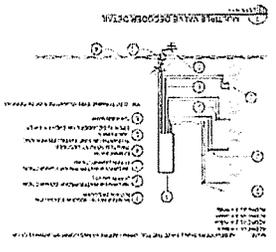
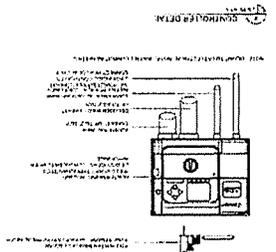
MATCHLINE SHEET LS12 DETAIL 2

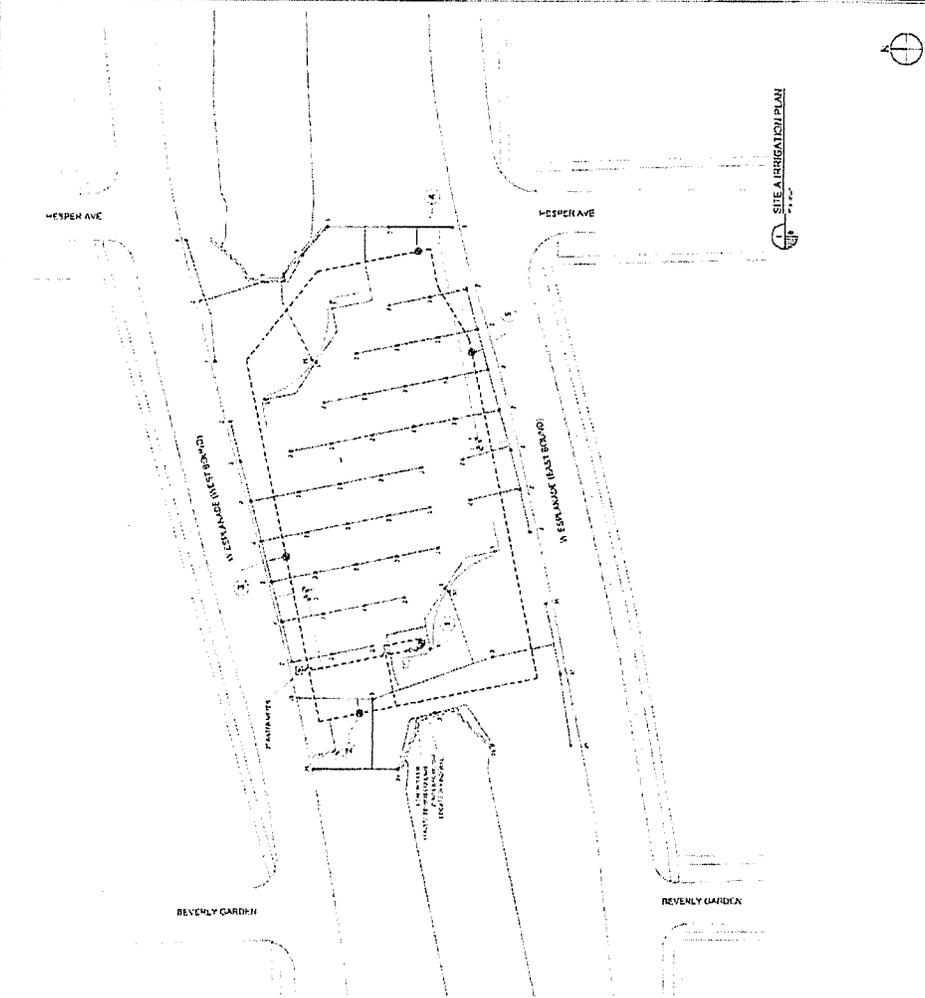


S I S

Temp Pakway Beautification
 - Portland, Louisiana

UNFIELD, HUNTER & JENNIS, INC.
 1001 PINEAPPLE AVENUE
 HOUSTON, TEXAS 77055
 PHONE 713-865-1111

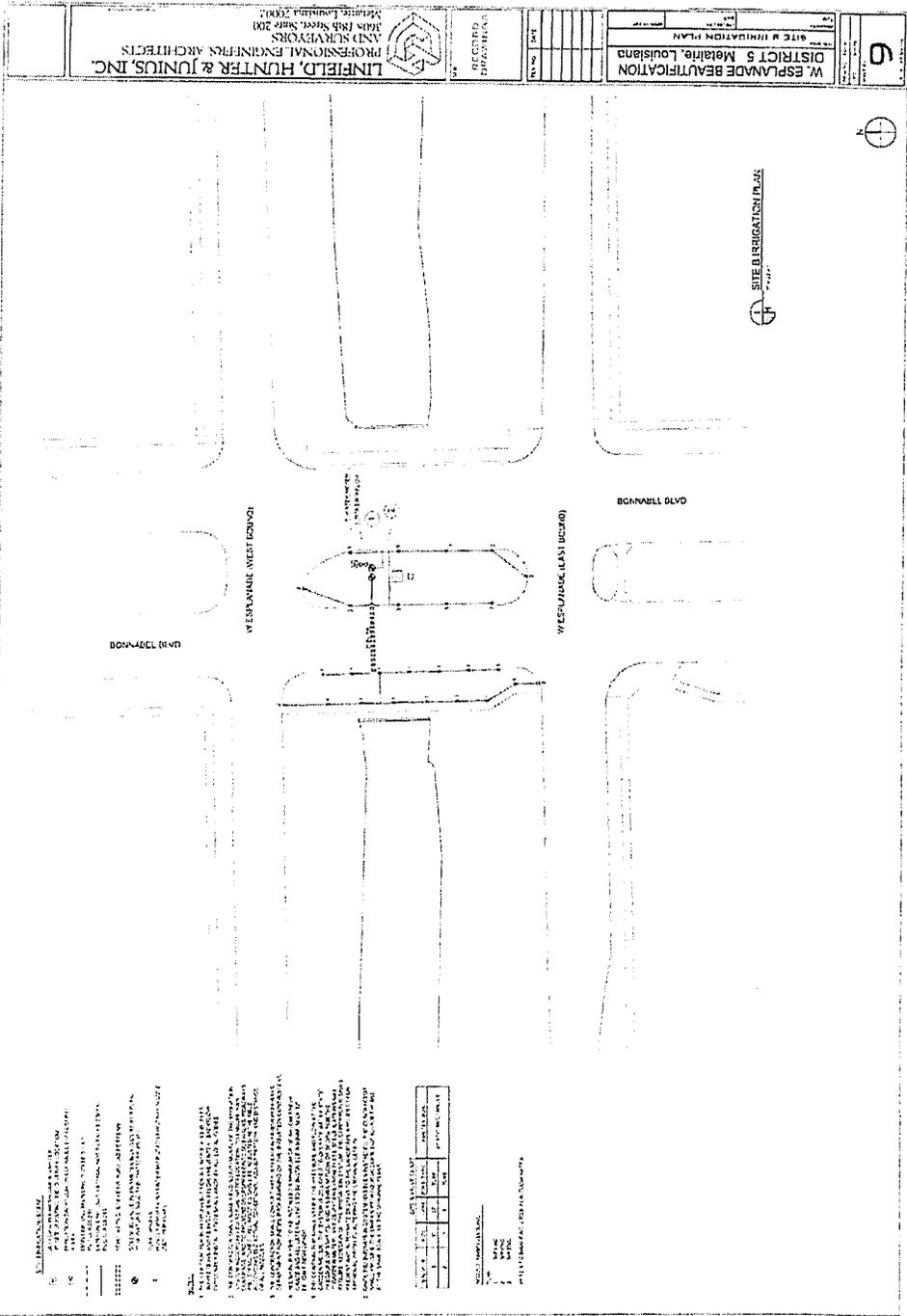




ALL DIMENSIONS IN FEET.
 1. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LITTLE & COMPANY ARCHITECTS AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN.
 2. THE INFORMATION CONTAINED HEREIN IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF LITTLE & COMPANY ARCHITECTS.
 3. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY OTHER PROJECT OR SITE WITHOUT THE WRITTEN PERMISSION OF LITTLE & COMPANY ARCHITECTS.
 4. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF LITTLE & COMPANY ARCHITECTS.
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 10. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF LITTLE & COMPANY ARCHITECTS.

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NOTES:
 1. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF LITTLE & COMPANY ARCHITECTS.
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6

W. ESPLANADE BEAUTIFICATION
DISTRICT 5 Metairie, Louisiana

SITE # IRRIGATION PLAN

REGISTERED PROFESSIONAL ENGINEER
No. 100,000 State of Louisiana

DATE: _____

BY: _____

PROJECT: _____

SCALE: _____

LINEFIELD, HUNTER & JUNIUS, INC.
PROFESSIONAL ENGINEERS & ARCHITECTS
1415 PINEVIEW DRIVE
METairie, Louisiana 70001

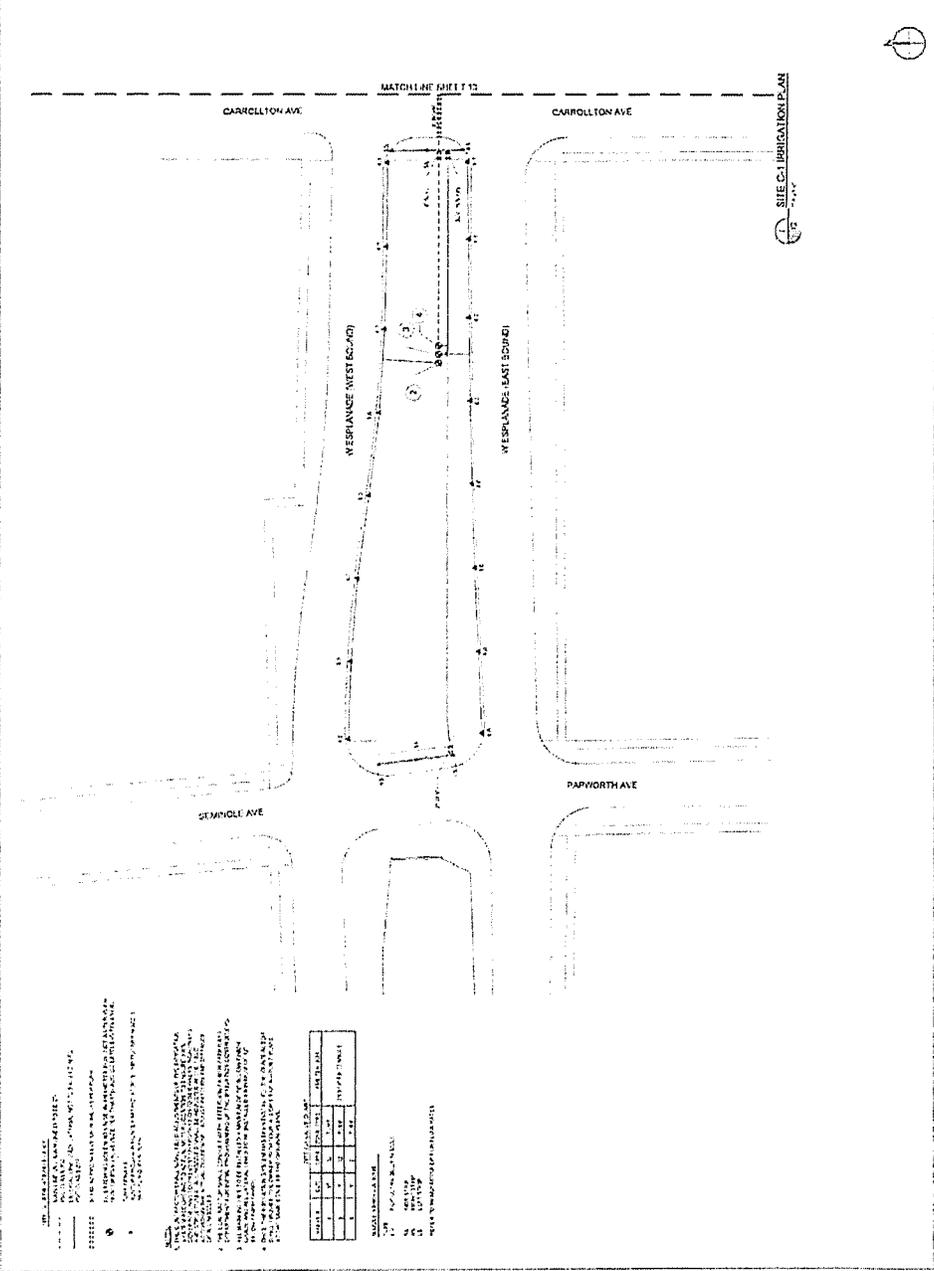
LEGEND:

- 1. 1" = 10' SCALE
- 2. 1" = 20' SCALE
- 3. 1" = 40' SCALE
- 4. 1" = 80' SCALE
- 5. 1" = 160' SCALE
- 6. 1" = 320' SCALE
- 7. 1" = 640' SCALE
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- 10. 1" = 5120' SCALE
- 11. 1" = 10240' SCALE
- 12. 1" = 20480' SCALE
- 13. 1" = 40960' SCALE
- 14. 1" = 81920' SCALE
- 15. 1" = 163840' SCALE
- 16. 1" = 327680' SCALE
- 17. 1" = 655360' SCALE
- 18. 1" = 1310720' SCALE
- 19. 1" = 2621440' SCALE
- 20. 1" = 5242880' SCALE
- 21. 1" = 10485760' SCALE
- 22. 1" = 20971520' SCALE
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- 24. 1" = 83886080' SCALE
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LINFIELD, HUNTER & JUNGUS, INC.
 PROFESSIONAL ENGINEERS, ARCHITECTS
 4001 LAKEVIEW BOULEVARD, SUITE 200
 METairie, Louisiana 70002



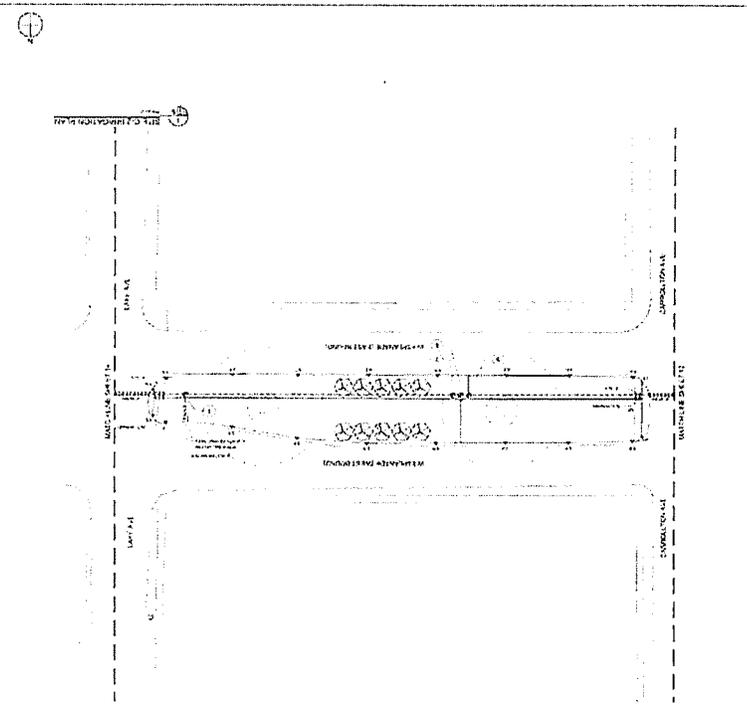
NOTES:
 1. IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 1.5 INCHES OF WATER PER WEEK TO THE PLANTS.
 2. IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 1.5 INCHES OF WATER PER WEEK TO THE PLANTS.
 3. IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 1.5 INCHES OF WATER PER WEEK TO THE PLANTS.
 4. IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 1.5 INCHES OF WATER PER WEEK TO THE PLANTS.
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 9. IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 1.5 INCHES OF WATER PER WEEK TO THE PLANTS.
 10. IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 1.5 INCHES OF WATER PER WEEK TO THE PLANTS.

NO.	DESCRIPTION	AMOUNT	UNIT
1	IRRIGATION SYSTEM	1.5	INCHES
2	IRRIGATION SYSTEM	1.5	INCHES
3	IRRIGATION SYSTEM	1.5	INCHES
4	IRRIGATION SYSTEM	1.5	INCHES
5	IRRIGATION SYSTEM	1.5	INCHES
6	IRRIGATION SYSTEM	1.5	INCHES
7	IRRIGATION SYSTEM	1.5	INCHES
8	IRRIGATION SYSTEM	1.5	INCHES
9	IRRIGATION SYSTEM	1.5	INCHES
10	IRRIGATION SYSTEM	1.5	INCHES

11. IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 1.5 INCHES OF WATER PER WEEK TO THE PLANTS.
 12. IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 1.5 INCHES OF WATER PER WEEK TO THE PLANTS.
 13. IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 1.5 INCHES OF WATER PER WEEK TO THE PLANTS.
 14. IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 1.5 INCHES OF WATER PER WEEK TO THE PLANTS.
 15. IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE 1.5 INCHES OF WATER PER WEEK TO THE PLANTS.

1
51
W. ESPYANOE BEAUTIFICATION
 DISTRICT 5, Madison, Louisiana
 PROJECT NO. 10-000000-0000
 DATE: 10/15/2010

LINFIELD HUNTER & JONES, INC.
 ENGINEERS, ARCHITECTS & PLANNERS
 1000 PINEAPPLE AVENUE
 SUITE 100
 MONROE, LOUISIANA 70001
 PHONE: (504) 235-1100
 FAX: (504) 235-1101
 WWW.LHJINC.COM



1. This plan shows the proposed beautification project for the W. Espyanoe area. The project includes the installation of a new sidewalk, the installation of a new curb, and the installation of a new drainage system. The project also includes the installation of a new street light and the installation of a new fire hydrant.

2. The proposed beautification project is shown on the attached plan. The project includes the installation of a new sidewalk, the installation of a new curb, and the installation of a new drainage system. The project also includes the installation of a new street light and the installation of a new fire hydrant.

3. The proposed beautification project is shown on the attached plan. The project includes the installation of a new sidewalk, the installation of a new curb, and the installation of a new drainage system. The project also includes the installation of a new street light and the installation of a new fire hydrant.

4. The proposed beautification project is shown on the attached plan. The project includes the installation of a new sidewalk, the installation of a new curb, and the installation of a new drainage system. The project also includes the installation of a new street light and the installation of a new fire hydrant.

5. The proposed beautification project is shown on the attached plan. The project includes the installation of a new sidewalk, the installation of a new curb, and the installation of a new drainage system. The project also includes the installation of a new street light and the installation of a new fire hydrant.

W. ESPLANADE BEAUFORT
 DISTRICT 5 Metairie, Louisiana
 SITE IRRIGATION

DATE	
BY	
CHECKED	
DATE	

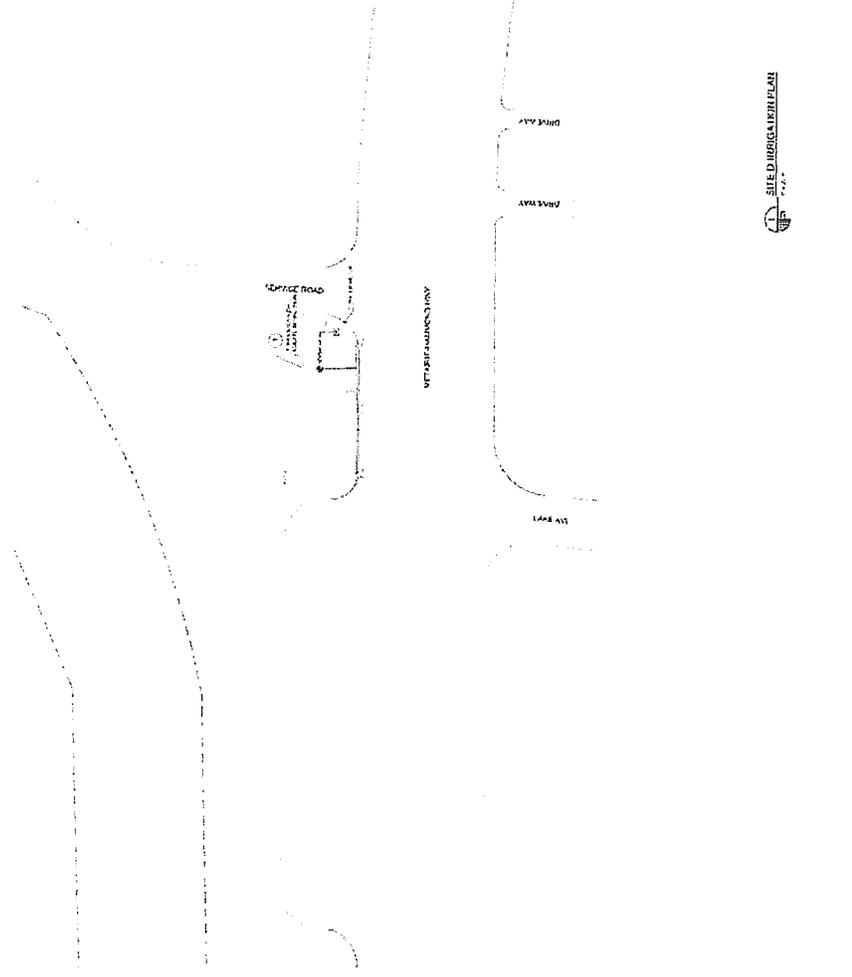
REGISTERED
 PROFESSIONAL ENGINEER



LINEFIELD, HUNTER & JUNIUS, INC.
 PROFESSIONAL ENGINEERS, ARCHITECTS
 1008 LAKE STREET, SUITE 200
 METairie, Louisiana 70002



SITE IRRIGATION PLAN



1. THE IRRIGATION SYSTEM IS DESIGNED TO MAINTAIN THE SOIL MOISTURE AT A LEVEL SUFFICIENT TO GROW THE PLANTS TO BE IRRIGATED.
 2. THE IRRIGATION SYSTEM IS DESIGNED TO MAINTAIN THE SOIL MOISTURE AT A LEVEL SUFFICIENT TO GROW THE PLANTS TO BE IRRIGATED.
 3. THE IRRIGATION SYSTEM IS DESIGNED TO MAINTAIN THE SOIL MOISTURE AT A LEVEL SUFFICIENT TO GROW THE PLANTS TO BE IRRIGATED.
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 10. THE IRRIGATION SYSTEM IS DESIGNED TO MAINTAIN THE SOIL MOISTURE AT A LEVEL SUFFICIENT TO GROW THE PLANTS TO BE IRRIGATED.

NO.	DESCRIPTION	DATE
1	DESIGNED	10/1/00
2	CHECKED	10/1/00
3	DATE	

W. ESPLANADE BEAUFORT DISTRICT 5 METAIRIE, LOUISIANA

LINEFIELD, HUNTER & JUNIUS, INC.
 PROFESSIONAL ENGINEERS, ARCHITECTS
 AND SURVEYORS
 1408 14th Street, Suite 200
 Metairie, Louisiana 70002

REVISIONS
 NO. DATE BY
 1 11/15/11 JH
 2 11/15/11 JH
 3 11/15/11 JH
 4 11/15/11 JH
 5 11/15/11 JH
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GENERAL NOTES
 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MICHIGAN ENGINEERING PROFESSIONAL ACT AND THE MICHIGAN SURVEYING PROFESSIONAL ACT.
 2. ALL DIMENSIONS SHALL BE IN FEET AND INCHES UNLESS OTHERWISE NOTED.
 3. ALL MATERIALS SHALL BE OF THE BEST QUALITY AVAILABLE.
 4. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE APPROPRIATE AGENCIES.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
 6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
 7. ALL UTILITIES SHALL BE PROTECTED AND DEEPENED AS NECESSARY.
 8. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT CONSTRUCTION.
 9. ALL WASTE MATERIALS SHALL BE PROPERLY DISPOSED OF.
 10. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
 11. THE CONTRACTOR SHALL MAINTAIN A NEAT AND SAFE WORK SITE AT ALL TIMES.
 12. ALL MATERIALS SHALL BE STORED PROPERLY TO PREVENT DAMAGE.
 13. ALL WORK SHALL BE SUBJECT TO THE SUPERVISION OF THE PROJECT ENGINEER.
 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
 15. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MICHIGAN ENGINEERING PROFESSIONAL ACT AND THE MICHIGAN SURVEYING PROFESSIONAL ACT.

SECTION A: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.
 3. ALL DIMENSIONS SHALL BE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

SECTION B: CONCRETE DETAIL
 1. CONCRETE SHALL BE 4000 PSI STRENGTH.
 2. ALL CONCRETE SHALL BE CAST AND FINISHED TO THE SPECIFIED FINISH.
 3. ALL JOINTS SHALL BE PROPERLY DETAILLED AND FINISHED.
 4. ALL REINFORCEMENT SHALL BE INSTALLED AND TIED AS SHOWN.

SECTION C: REINFORCING BAR DETAIL
 1. REINFORCING BARS SHALL BE #4 OR #5 UNLESS OTHERWISE NOTED.
 2. ALL BARS SHALL BE PROPERLY TIED AND SPACED.
 3. ALL BARS SHALL BE PROTECTED FROM CORROSION.

SECTION D: BATTERY VALVE DETAIL
 1. BATTERY VALVES SHALL BE INSTALLED AS SHOWN.
 2. ALL VALVES SHALL BE PROPERLY SEaled AND TESTED.
 3. ALL VALVES SHALL BE PROTECTED FROM DAMAGE.

SECTION E: SEAM CRACK DETAIL
 1. SEAM CRACKS SHALL BE DETAILLED AS SHOWN.
 2. ALL CRACKS SHALL BE PROPERLY REPAIRED AND SEaled.

SECTION F: BATTERY VALVE DETAIL
 1. BATTERY VALVES SHALL BE INSTALLED AS SHOWN.
 2. ALL VALVES SHALL BE PROPERLY SEaled AND TESTED.

SECTION G: SEAM CRACK DETAIL
 1. SEAM CRACKS SHALL BE DETAILLED AS SHOWN.
 2. ALL CRACKS SHALL BE PROPERLY REPAIRED AND SEaled.

SECTION H: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION I: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION J: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION K: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION L: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION M: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION N: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION O: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION P: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
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SECTION Q: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION R: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION S: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION T: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION U: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

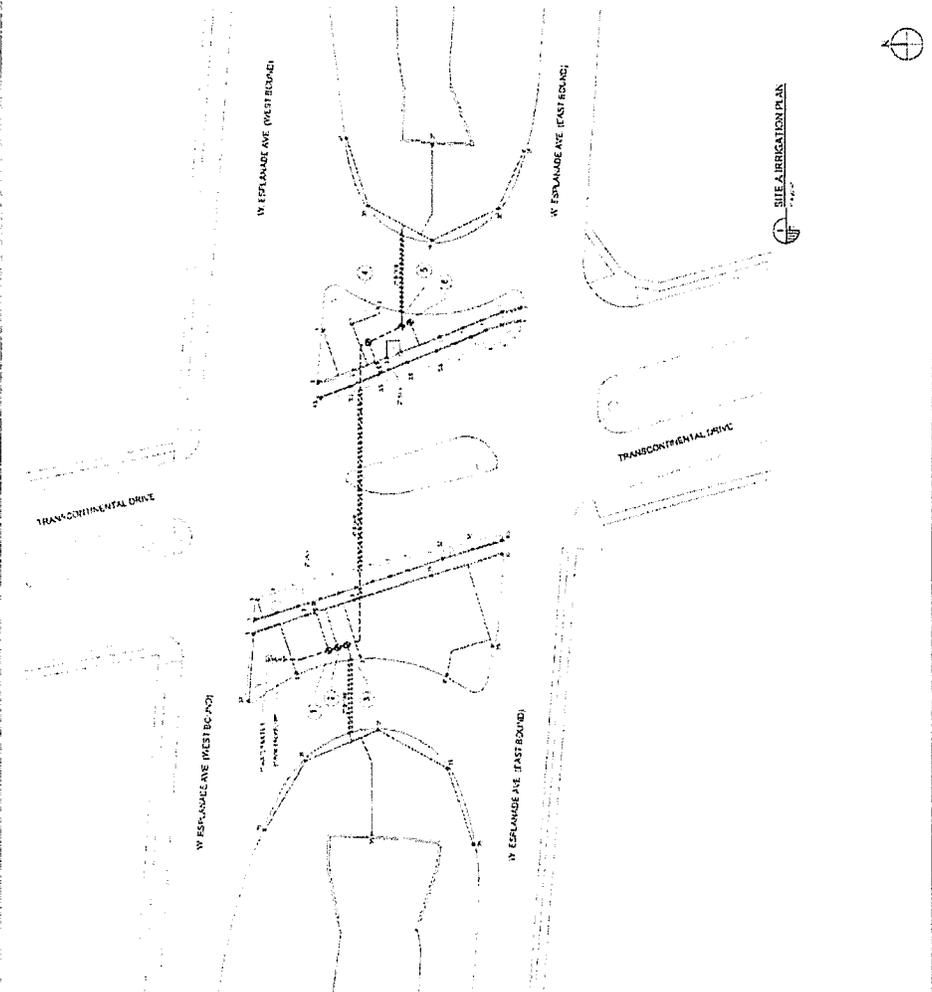
SECTION V: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION W: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION X: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

SECTION Y: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.

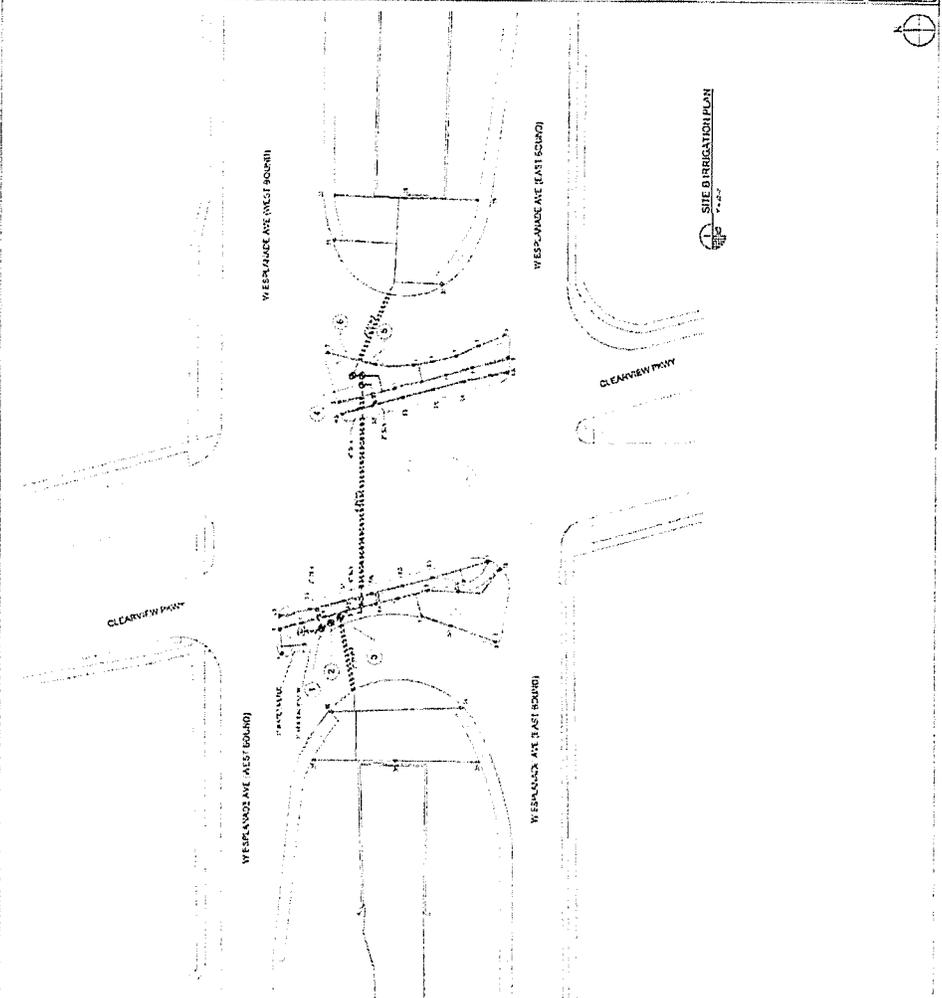
SECTION Z: PRELIMINARY PLAN
 1. PRELIMINARY PLAN OF THE PROJECT SITE.
 2. SHOWS THE LOCATION OF THE PROPOSED IMPROVEMENTS.



NOTES:
 1. ALL IRRIGATION LINES SHALL BE 12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE UNLESS OTHERWISE NOTED.
 2. ALL IRRIGATION LINES SHALL BE 12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE UNLESS OTHERWISE NOTED.
 3. ALL IRRIGATION LINES SHALL BE 12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE UNLESS OTHERWISE NOTED.
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SCHEDULE OF MATERIALS	
NO.	DESCRIPTION
1	12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE
2	12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE
3	12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE
4	12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE
5	12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE
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7	12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE
8	12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE
9	12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE
10	12" POLYETHYLENE GLASS REINFORCED PLASTIC (PERMANENT) PIPE

W. ESPLANADE BEAUFFICATION
DISTRICT 5 Metairie, Louisiana
SITE B IRRIGATION PLAN
 SHEET NO. 1 OF 1
 DATE: 11/15/1994
 DRAWN BY: J. H. HARRIS
 CHECKED BY: J. H. HARRIS
 APPROVED BY: J. H. HARRIS



NOTES:
 1. THE IRRIGATION SYSTEM IS TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING NOTES AND SPECIFICATIONS.
 2. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO SERVE THE ENTIRE AREA SHOWN ON THIS PLAN.
 3. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO MAINTAIN A MINIMUM FLOW OF 100% THROUGHOUT THE ENTIRE SYSTEM.
 4. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO MAINTAIN A MINIMUM FLOW OF 100% THROUGHOUT THE ENTIRE SYSTEM.
 5. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO MAINTAIN A MINIMUM FLOW OF 100% THROUGHOUT THE ENTIRE SYSTEM.
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 10. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO MAINTAIN A MINIMUM FLOW OF 100% THROUGHOUT THE ENTIRE SYSTEM.

REVISIONS:
 NO. DESCRIPTION
 1. AS SHOWN

SCALE:
 1" = 100'

DATE:
 11/15/1994

DRAWN BY:
 J. H. HARRIS

CHECKED BY:
 J. H. HARRIS

APPROVED BY:
 J. H. HARRIS

PROJECT:
 W. ESPLANADE BEAUFFICATION

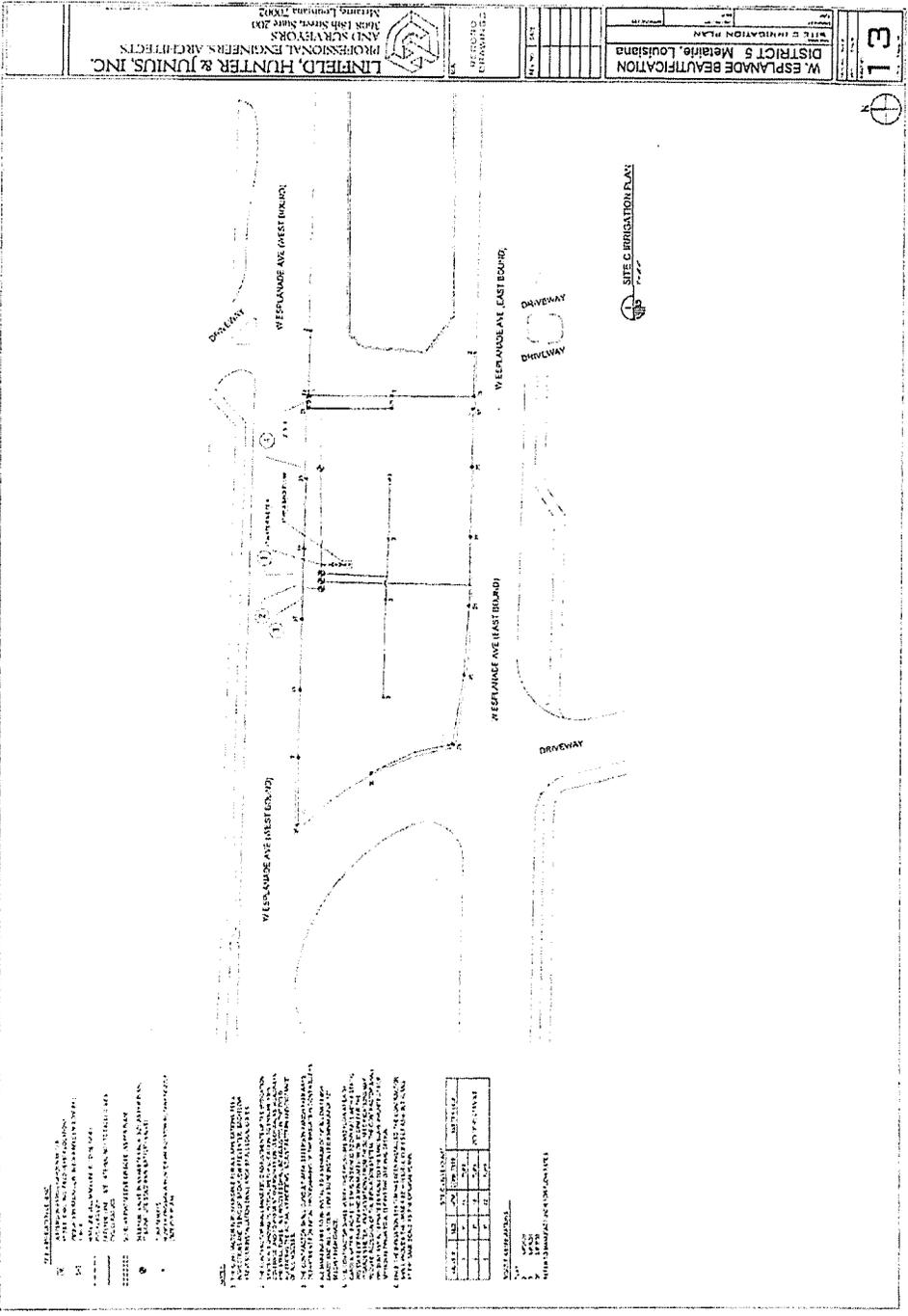
SHEET NO.:
 1 OF 1

DATE:
 11/15/1994

DRAWN BY:
 J. H. HARRIS

CHECKED BY:
 J. H. HARRIS

APPROVED BY:
 J. H. HARRIS



1. ALL DIMENSIONS ARE IN FEET AND INCHES.
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NO.	DESCRIPTION	DATE
1	PREPARED BY	
2	CHECKED BY	
3	DATE	
4	SCALE	
5	PROJECT	
6	CLIENT	
7	ADDRESS	
8	CITY	
9	STATE	
10	ZIP	

1. ALL DIMENSIONS ARE IN FEET AND INCHES.
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 10. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

W. ESPLANADE BEAUFORT
DISTRICT 5 Metairie, Louisiana
SITE C IRRIGATION PLAN
 DATE: 11/11/11
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 SCALE: AS SHOWN
 PROJECT: [Name]
 CLIENT: [Name]
 ADDRESS: [Name]
 CITY: [Name]
 STATE: [Name]
 ZIP: [Name]

LINEFIELD, HUNTER & JUNIUS, INC.
PROFESSIONAL ENGINEERS, ARCHITECTS
AND SURVEYORS
 2001 Lake Street, Metairie, Louisiana 70002
 PHONE: (504) 885-1111
 FAX: (504) 885-1112
 WWW: www.lhji.com

REGISTERED PROFESSIONAL ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL ARCHITECT
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL SURVEYOR
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL LAND SURVEYOR
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL CIVIL ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL ELECTRICAL ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL MECHANICAL ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL CHEMICAL ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL INDUSTRIAL ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL METALLURGICAL ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL AERONAUTICAL ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL AGRICULTURAL ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL MARINE ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

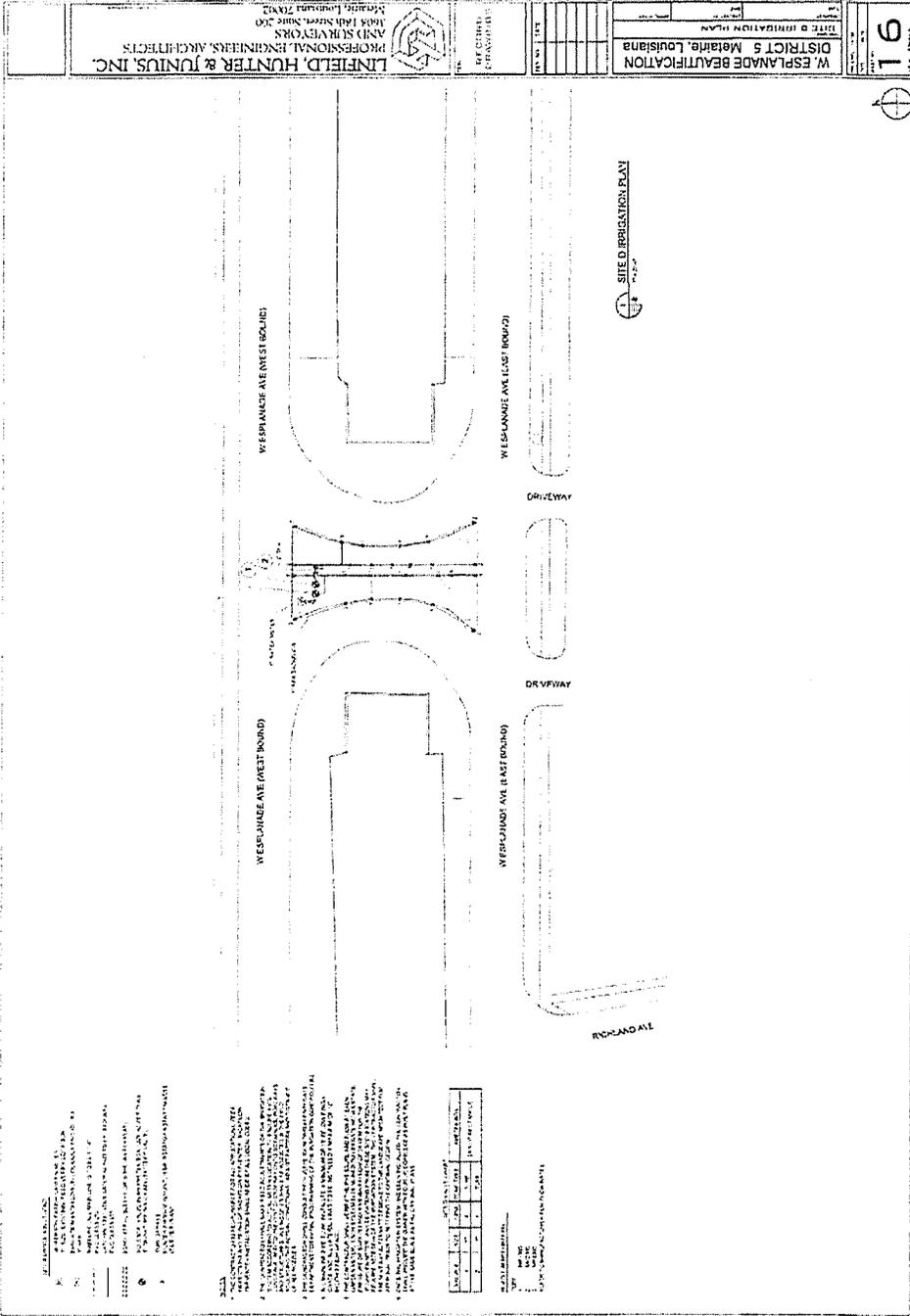
REGISTERED PROFESSIONAL NUCLEAR ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL PETROLEUM ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL TRANSPORTATION ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL WATER RESOURCES ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]

REGISTERED PROFESSIONAL ENVIRONMENTAL ENGINEER
 STATE OF LOUISIANA
 NO. [Number]
 EXPIRES [Date]



1. ALL DIMENSIONS ARE IN FEET AND INCHES.
 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 4. ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROAD UNLESS OTHERWISE NOTED.
 5. ALL DIMENSIONS ARE TO THE CENTERLINE OF THE DRIVEWAY UNLESS OTHERWISE NOTED.
 6. ALL DIMENSIONS ARE TO THE CENTERLINE OF THE SIDEWALK UNLESS OTHERWISE NOTED.
 7. ALL DIMENSIONS ARE TO THE CENTERLINE OF THE CURB UNLESS OTHERWISE NOTED.
 8. ALL DIMENSIONS ARE TO THE CENTERLINE OF THE PAVEMENT UNLESS OTHERWISE NOTED.
 9. ALL DIMENSIONS ARE TO THE CENTERLINE OF THE GRASS UNLESS OTHERWISE NOTED.
 10. ALL DIMENSIONS ARE TO THE CENTERLINE OF THE TREE UNLESS OTHERWISE NOTED.

1. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 2. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 3. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 4. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 5. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 6. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 7. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 8. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 9. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 10. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.

NO.	DESCRIPTION	AREA (SQ. FT.)	VOLUME (CU. YD.)
1	DRIVEWAY	200	0.00
2	DRIVEWAY	200	0.00
3	DRIVEWAY	200	0.00
4	DRIVEWAY	200	0.00
5	DRIVEWAY	200	0.00
6	DRIVEWAY	200	0.00
7	DRIVEWAY	200	0.00
8	DRIVEWAY	200	0.00
9	DRIVEWAY	200	0.00
10	DRIVEWAY	200	0.00

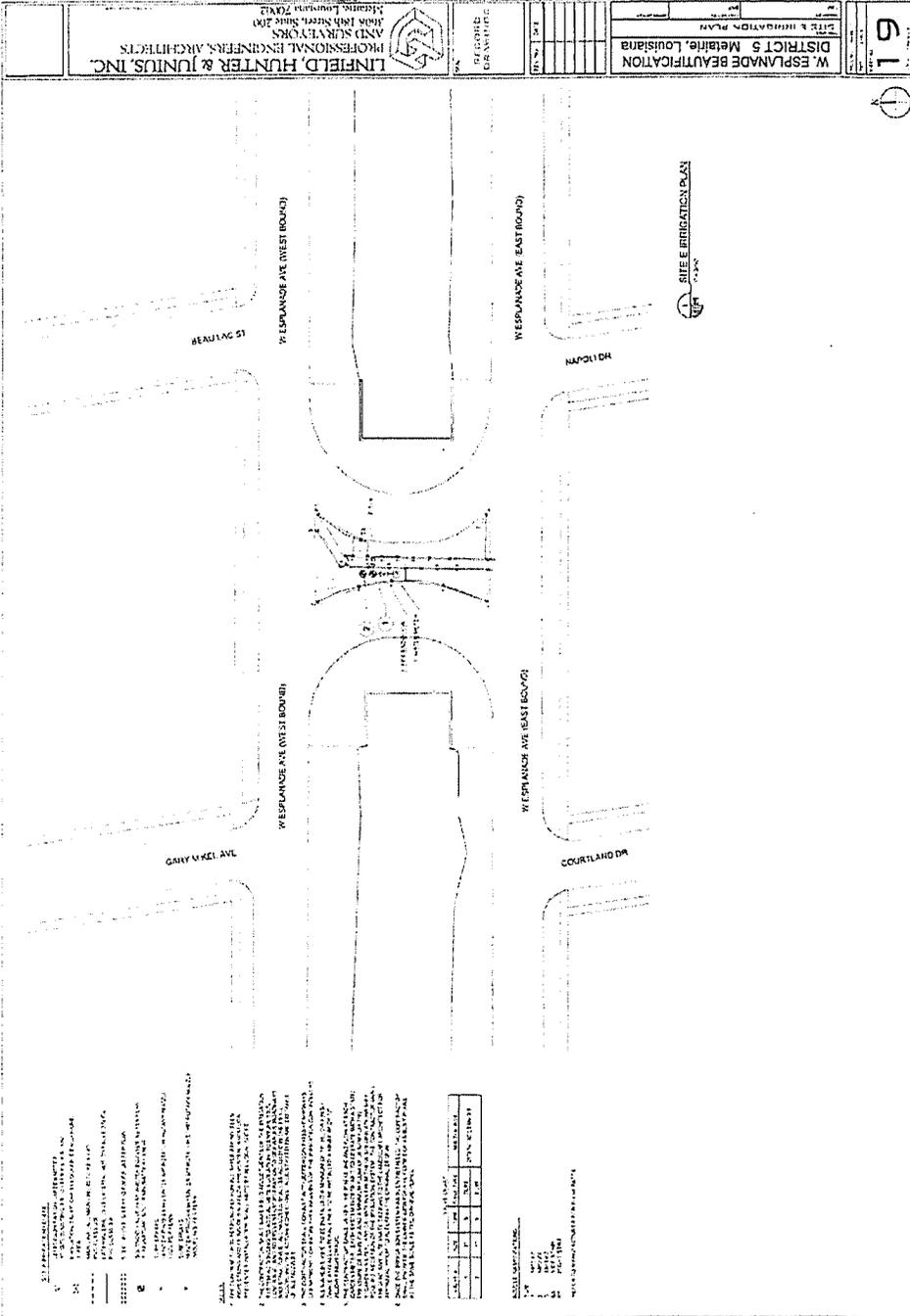
1. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 2. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 3. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 4. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 5. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 6. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 7. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 8. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 9. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.
 10. THE PROPOSED DRIVEWAY SHALL BE 10 FEET WIDE AND 20 FEET LONG.

W. ESPLANADE BEAUTIFICATION DISTRICT 5
 DISTRICT 5 MEIAMI, LOUISIANA
 SITE 0 - IRRIGATION PLAN
 DATE: 11/11/2011
 DRAWN BY: [Name]
 CHECKED BY: [Name]

91
 11/11/2011

LINFELD, HUNTER & JUNIUS, INC.
 PROFESSIONAL ENGINEERS, ARCHITECTS
 AND INTERIORS
 1005 PINE STREET, SUITE 200
 MEIAMI, LOUISIANA 70262

REGISTERED PROFESSIONAL ENGINEER
 STATE OF LOUISIANA
 NO. 11111



1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
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 10. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

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 7. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 8. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 9. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 10. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

SCALE	IN	FEET	AS SHOWN	ACTUAL
1/8"	1"	8'	1"	8'
1/4"	1"	4'	1"	4'
3/8"	1"	3'	1"	3'
1/2"	1"	2'	1"	2'
3/4"	1"	1.5'	1"	1.5'
1"	1"	1'	1"	1'

1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 5. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

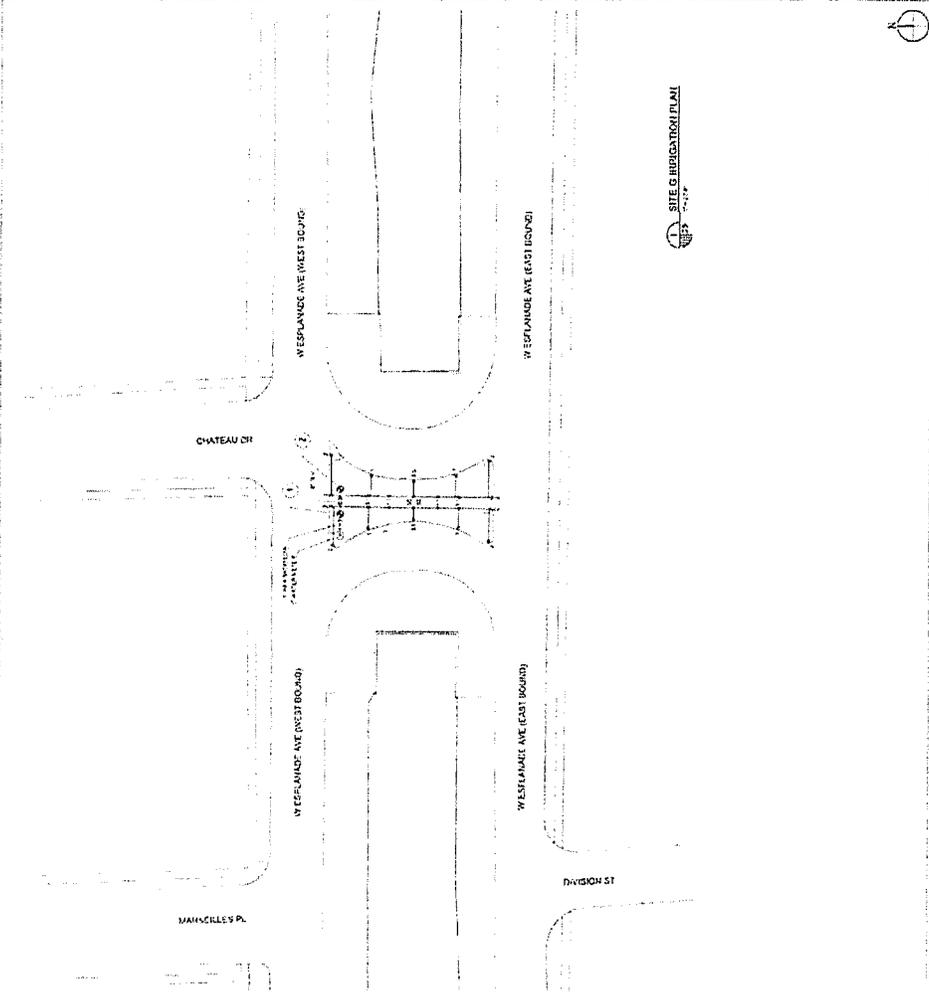
W. ESPLANADE BEAUFORTIC DISTRICT 5, Metairie, Louisiana
 SITE IRRIGATION PLAN
 61
 LINFELD, HUNTER & JUNIUS, INC.
 PROFESSIONAL ENGINEERS, ARCHITECTS
 AND SURVEYORS
 1808 18th Street, Suite 200
 Metairie, Louisiana 70002



REVISIONS	DATE

DATE	

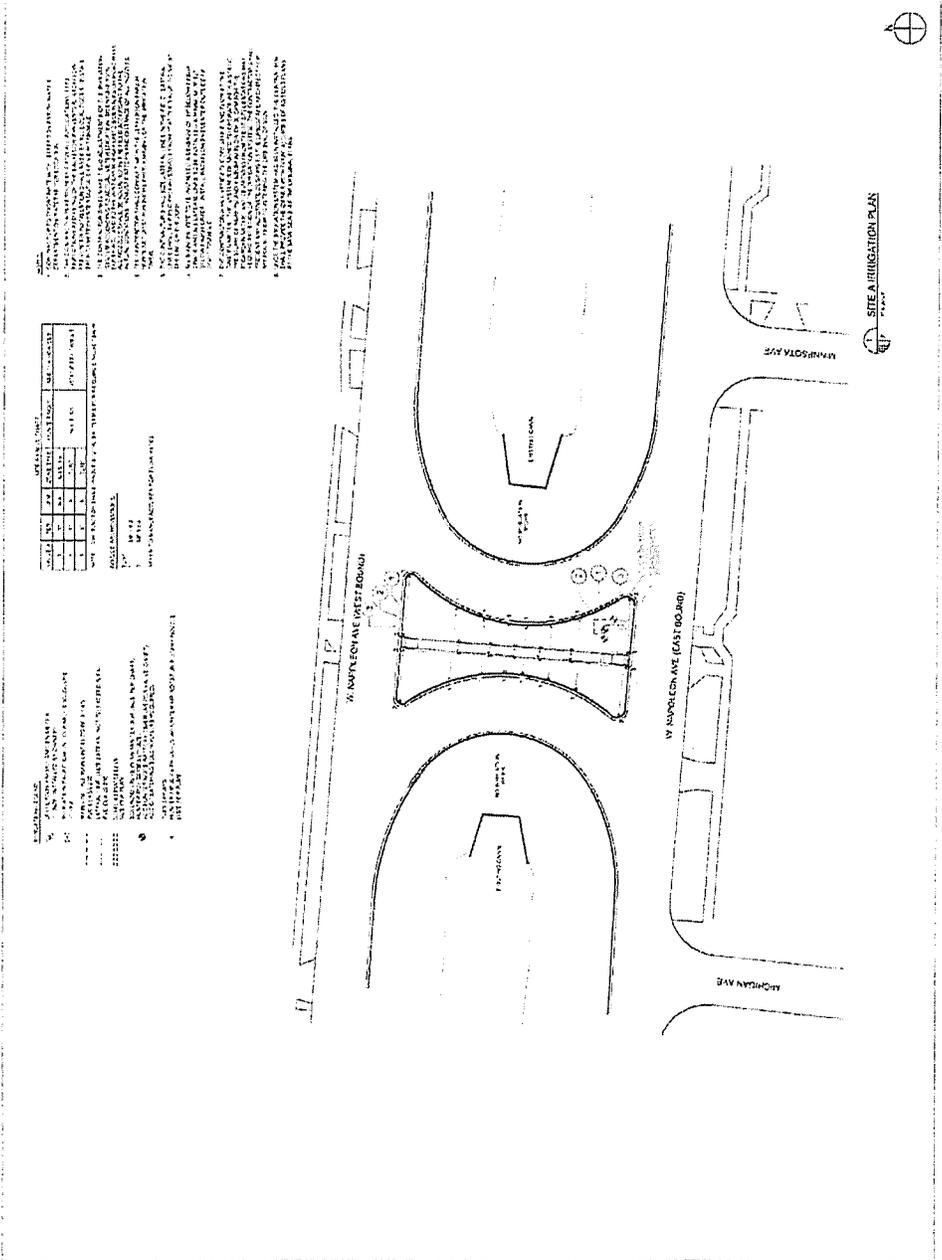
325
 SITE IRRIGATION PLAN



NOTES:
 1. ALL IRRIGATION SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION HANDBOOK, 4TH EDITION, 1990, PUBLISHED BY THE IRRIGATION SOCIETY OF AMERICA.
 2. ALL IRRIGATION SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION HANDBOOK, 4TH EDITION, 1990, PUBLISHED BY THE IRRIGATION SOCIETY OF AMERICA.
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 10. ALL IRRIGATION SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE IRRIGATION HANDBOOK, 4TH EDITION, 1990, PUBLISHED BY THE IRRIGATION SOCIETY OF AMERICA.

SCALE:
 1" = 10'

DATE	



THE INFORMATION CONTAINED HEREIN IS FOR THE USE OF THE CLIENT ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF LINFIELD, HUNTER & JUNIUS, INC.

DATE		BY		REVISION	
11/11/11	11/11/11	11/11/11	11/11/11	11/11/11	11/11/11
11/11/11	11/11/11	11/11/11	11/11/11	11/11/11	11/11/11

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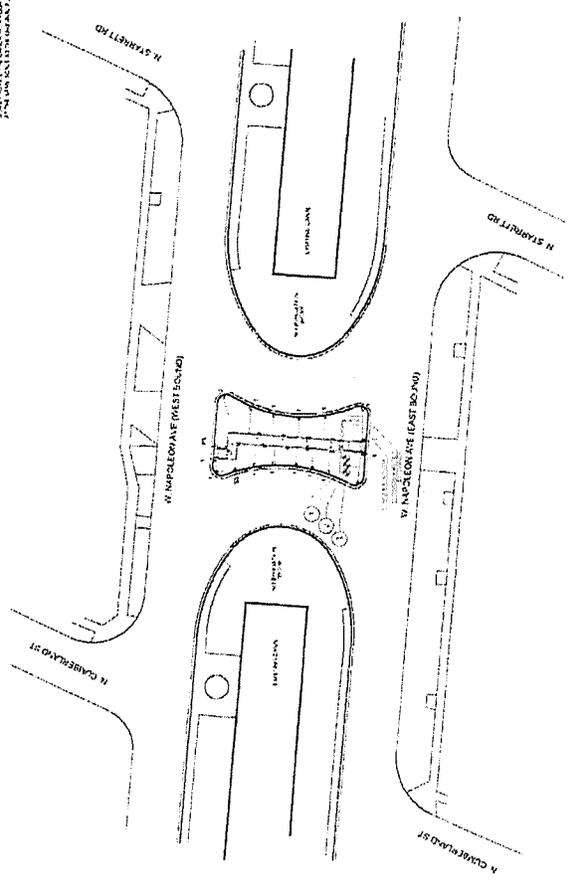
West Napoleon Avenue Beautification
 Metairie, Louisiana
 Bill G. Thompson, P.E.
 11/15/11

RECORDS
 DIVISION
 1-2-B-17
 11/15/11



LINEFIELD, HUNTER & JUNIUS, INC.
 PROFESSIONAL ENGINEERS ARCHITECTS
 AND SURVEYORS
 1015 13th Street, Suite 200
 Metairie, Louisiana 70002

SITE IRRIGATION PLAN
 1/8" = 1'-0"



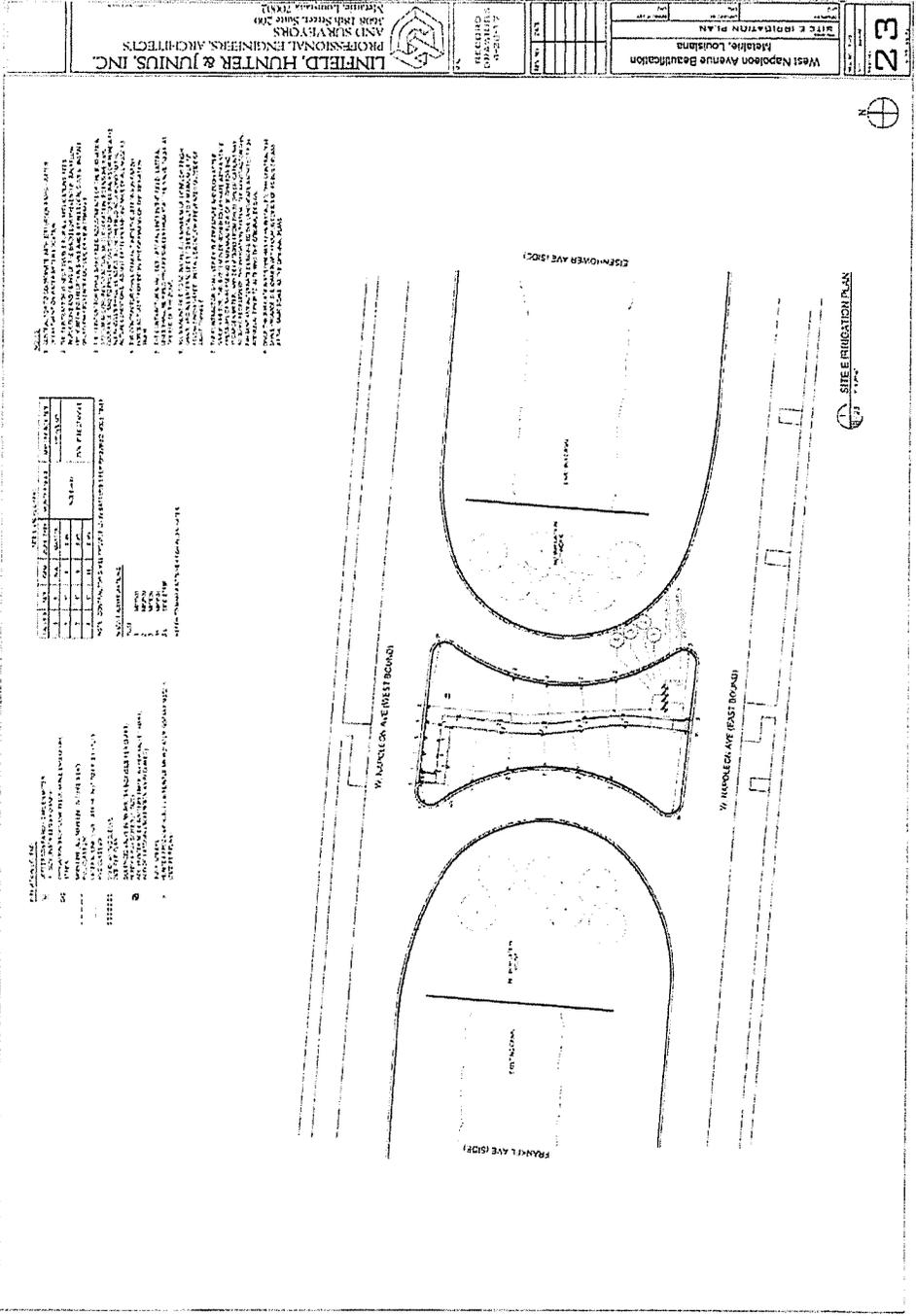
NOTES:
 1. THIS IRRIGATION PLAN IS BASED ON THE INFORMATION PROVIDED BY THE CLIENT AND THE SURVEYOR. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS DISCREPANCIES.
 2. THE IRRIGATION SYSTEM IS DESIGNED TO PROVIDE ADEQUATE WATER TO ALL PLANTS AND TREES.
 3. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
 4. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
 5. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
 6. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
 7. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
 8. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
 9. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
 10. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1. IRRIGATION PIPING	1000	FEET	1.50	1500.00
2. IRRIGATION VALVES	10	PIECES	100.00	1000.00
3. IRRIGATION HEADS	100	PIECES	10.00	1000.00
4. IRRIGATION ELECTRICAL	100	FEET	10.00	1000.00
5. IRRIGATION LABOR	1000	HOURS	1.00	1000.00
6. IRRIGATION MATERIALS	1000	PIECES	1.00	1000.00
7. IRRIGATION DESIGN	1	PROJECT	1000.00	1000.00
8. IRRIGATION PERMITS	1	PROJECT	1000.00	1000.00
9. IRRIGATION INSURANCE	1	PROJECT	1000.00	1000.00
10. IRRIGATION TOTAL				10000.00

1. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
 2. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
 3. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
 4. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
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 7. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
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 9. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.
 10. THE IRRIGATION SYSTEM IS DESIGNED TO BE MAINTAINED AND OPERATED AS SHOWN ON THIS PLAN.

THIS PLAN IS A PART OF THE PROJECT AND IS TO BE CONSIDERED AS SUCH. IT IS THE RESPONSIBILITY OF THE CLIENT TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CLIENT IS ADVISED THAT THIS PLAN IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED HEREIN. THE ENGINEER DOES NOT WARRANT THE ACCURACY OF THE INFORMATION PROVIDED BY THE CLIENT OR THE RESULTS OF THE SERVICES PROVIDED HEREIN. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED HEREIN. THE ENGINEER DOES NOT WARRANT THE ACCURACY OF THE INFORMATION PROVIDED BY THE CLIENT OR THE RESULTS OF THE SERVICES PROVIDED HEREIN.

SITE D IRRIGATION PLAN	
NO.	DESCRIPTION
1	EXISTING IRRIGATION SYSTEM
2	NEW IRRIGATION SYSTEM
3	EXISTING PAVEMENT
4	NEW PAVEMENT
5	EXISTING CURB
6	NEW CURB
7	EXISTING SIDEWALK
8	NEW SIDEWALK
9	EXISTING DRIVEWAY
10	NEW DRIVEWAY
11	EXISTING UTILITY
12	NEW UTILITY
13	EXISTING FENCE
14	NEW FENCE
15	EXISTING SIGN
16	NEW SIGN
17	EXISTING LIGHT
18	NEW LIGHT
19	EXISTING TREE
20	NEW TREE
21	EXISTING PLANT
22	NEW PLANT
23	EXISTING STRUCTURE
24	NEW STRUCTURE
25	EXISTING ROAD
26	NEW ROAD
27	EXISTING RAILROAD
28	NEW RAILROAD
29	EXISTING WATERWAY
30	NEW WATERWAY
31	EXISTING AIRWAY
32	NEW AIRWAY
33	EXISTING POWERLINE
34	NEW POWERLINE
35	EXISTING TELEPHONE LINE
36	NEW TELEPHONE LINE
37	EXISTING CABLE
38	NEW CABLE
39	EXISTING SIGN
40	NEW SIGN
41	EXISTING LIGHT
42	NEW LIGHT
43	EXISTING TREE
44	NEW TREE
45	EXISTING PLANT
46	NEW PLANT
47	EXISTING STRUCTURE
48	NEW STRUCTURE
49	EXISTING ROAD
50	NEW ROAD
51	EXISTING RAILROAD
52	NEW RAILROAD
53	EXISTING WATERWAY
54	NEW WATERWAY
55	EXISTING AIRWAY
56	NEW AIRWAY
57	EXISTING POWERLINE
58	NEW POWERLINE
59	EXISTING TELEPHONE LINE
60	NEW TELEPHONE LINE
61	EXISTING CABLE
62	NEW CABLE
63	EXISTING SIGN
64	NEW SIGN
65	EXISTING LIGHT
66	NEW LIGHT
67	EXISTING TREE
68	NEW TREE
69	EXISTING PLANT
70	NEW PLANT
71	EXISTING STRUCTURE
72	NEW STRUCTURE
73	EXISTING ROAD
74	NEW ROAD
75	EXISTING RAILROAD
76	NEW RAILROAD
77	EXISTING WATERWAY
78	NEW WATERWAY
79	EXISTING AIRWAY
80	NEW AIRWAY
81	EXISTING POWERLINE
82	NEW POWERLINE
83	EXISTING TELEPHONE LINE
84	NEW TELEPHONE LINE
85	EXISTING CABLE
86	NEW CABLE
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89	EXISTING LIGHT
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92	NEW TREE
93	EXISTING PLANT
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98	NEW ROAD
99	EXISTING RAILROAD
100	NEW RAILROAD
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102	NEW WATERWAY
103	EXISTING AIRWAY
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127	EXISTING AIRWAY
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131	EXISTING TELEPHONE LINE
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133	EXISTING CABLE
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135	EXISTING SIGN
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137	EXISTING LIGHT
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139	EXISTING TREE
140	NEW TREE
141	EXISTING PLANT
142	NEW PLANT
143	EXISTING STRUCTURE
144	NEW STRUCTURE
145	EXISTING ROAD
146	NEW ROAD
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156	NEW TELEPHONE LINE
157	EXISTING CABLE
158	NEW CABLE
159	EXISTING SIGN
160	NEW SIGN
161	EXISTING LIGHT
162	NEW LIGHT
163	EXISTING TREE
164	NEW TREE
165	EXISTING PLANT
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167	EXISTING STRUCTURE
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169	EXISTING ROAD
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181	EXISTING CABLE
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254	NEW CABLE
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259	EXISTING TREE
260	NEW TREE
261	EXISTING PLANT
262	NEW PLANT
263	EXISTING STRUCTURE
264	NEW STRUCTURE
265	EXISTING ROAD
266	NEW ROAD
267	EXISTING RAILROAD
268	NEW RAILROAD
269	EXISTING WATERWAY
270	NEW WATERWAY
271	EXISTING AIRWAY
272	NEW AIRWAY
273	EXISTING POWERLINE
274	NEW POWERLINE
275	EXISTING TELEPHONE LINE
276	NEW TELEPHONE LINE
277	EXISTING CABLE
278	NEW CABLE
279	EXISTING SIGN
280	NEW SIGN
281	EXISTING LIGHT
282	NEW LIGHT
283	EXISTING TREE
284	NEW TREE
285	EXISTING PLANT
286	NEW PLANT
287	EXISTING STRUCTURE
288	NEW STRUCTURE
289	EXISTING ROAD
290	NEW ROAD
291	EXISTING RAILROAD
292	NEW RAILROAD
293	EXISTING WATERWAY
294	NEW WATERWAY
295	EXISTING AIRWAY
296	NEW AIRWAY
297	EXISTING POWERLINE
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307	EXISTING TREE
308	NEW TREE
309	EXISTING PLANT
310	NEW PLANT
311	EXISTING STRUCTURE
312	NEW STRUCTURE
313	EXISTING ROAD
314	NEW ROAD
315	EXISTING RAILROAD
316	NEW RAILROAD
317	EXISTING WATERWAY
318	NEW WATERWAY
319	EXISTING AIRWAY
320	NEW AIRWAY
321	EXISTING POWERLINE
322	NEW POWERLINE
323	EXISTING TELEPHONE LINE
324	NEW TELEPHONE LINE
325	EXISTING CABLE
326	NEW CABLE
327	EXISTING SIGN
328	NEW SIGN
329	EXISTING LIGHT
330	NEW LIGHT
331	EXISTING TREE
332	NEW TREE
333	EXISTING PLANT
334	NEW PLANT
335	EXISTING STRUCTURE
336	NEW STRUCTURE
337	EXISTING ROAD
338	NEW ROAD
339	EXISTING RAILROAD
340	NEW RAILROAD
341	EXISTING WATERWAY
342	NEW WATERWAY
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345	EXISTING POWERLINE
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422	NEW CABLE
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427	EXISTING TREE
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431	EXISTING STRUCTURE
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446	NEW CABLE
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461	EXISTING WATERWAY
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463	EXISTING AIRWAY
464	NEW AIRWAY
465	EXISTING POWERLINE
466	NEW POWERLINE
467	EXISTING TELEPHONE LINE
468	NEW TELEPHONE LINE
469	EXISTING CABLE
470	NEW C



1. SITE IRRIGATION PLAN

West Napoleon Avenue Beautification
Metairie, Louisiana

SITE IRRIGATION PLAN

DATE	DESCRIPTION

REVISIONS



LINFIELD, HUNTER & JUNIUS, INC.
PROFESSIONAL ENGINEERS, ARCHITECTS
AND SURVEYORS
Metairie, Louisiana 70002
Phone: 833-1111

THIS PLAN IS A PART OF THE IRRIGATION PLAN FOR THE WEST NAPOLEON AVENUE BEAUTIFICATION PROJECT. IT IS TO BE CONSIDERED AS A PART OF THE ENTIRE PROJECT AND SHALL BE USED IN CONJUNCTION WITH THE OTHER PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.

NO.	DESCRIPTION	DATE	BY	CHECKED BY
1	ISSUED FOR PERMITTING	10/15/01	JUNIUS	LINFIELD
2	ISSUED FOR CONSTRUCTION	10/15/01	JUNIUS	LINFIELD

DATE: 10/15/01
BY: JUNIUS
CHECKED BY: LINFIELD

SITE ORIENTATION PLAN
 1" = 100'

1. THIS PLAN IS TO BE CONSIDERED AS PART OF THE SUBMITTAL TO THE CITY OF METAIRIE FOR THE WEST NAPOLEON AVENUE BEAUTIFICATION PROJECT. IT IS THE RESPONSIBILITY OF THE SUBMITTER TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF METAIRIE AND THE STATE OF LOUISIANA.

2. THE DESIGNER HAS CONDUCTED A VISUAL SURVEY OF THE SITE AND HAS FOUND THAT THE PROPOSED IMPROVEMENTS ARE FEASIBLE AND WILL NOT CAUSE ANY ADVERSE EFFECTS TO THE SURROUNDING AREA.

3. THE DESIGNER HAS CONDUCTED A VISUAL SURVEY OF THE SITE AND HAS FOUND THAT THE PROPOSED IMPROVEMENTS ARE FEASIBLE AND WILL NOT CAUSE ANY ADVERSE EFFECTS TO THE SURROUNDING AREA.

4. THE DESIGNER HAS CONDUCTED A VISUAL SURVEY OF THE SITE AND HAS FOUND THAT THE PROPOSED IMPROVEMENTS ARE FEASIBLE AND WILL NOT CAUSE ANY ADVERSE EFFECTS TO THE SURROUNDING AREA.

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10. THE DESIGNER HAS CONDUCTED A VISUAL SURVEY OF THE SITE AND HAS FOUND THAT THE PROPOSED IMPROVEMENTS ARE FEASIBLE AND WILL NOT CAUSE ANY ADVERSE EFFECTS TO THE SURROUNDING AREA.

NO.	DATE	DESCRIPTION
1	04/26/17	ISSUED FOR PERMITTING
2	04/26/17	ISSUED FOR PERMITTING
3	04/26/17	ISSUED FOR PERMITTING
4	04/26/17	ISSUED FOR PERMITTING
5	04/26/17	ISSUED FOR PERMITTING
6	04/26/17	ISSUED FOR PERMITTING
7	04/26/17	ISSUED FOR PERMITTING
8	04/26/17	ISSUED FOR PERMITTING
9	04/26/17	ISSUED FOR PERMITTING
10	04/26/17	ISSUED FOR PERMITTING

1. THE DESIGNER HAS CONDUCTED A VISUAL SURVEY OF THE SITE AND HAS FOUND THAT THE PROPOSED IMPROVEMENTS ARE FEASIBLE AND WILL NOT CAUSE ANY ADVERSE EFFECTS TO THE SURROUNDING AREA.

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5. THE DESIGNER HAS CONDUCTED A VISUAL SURVEY OF THE SITE AND HAS FOUND THAT THE PROPOSED IMPROVEMENTS ARE FEASIBLE AND WILL NOT CAUSE ANY ADVERSE EFFECTS TO THE SURROUNDING AREA.

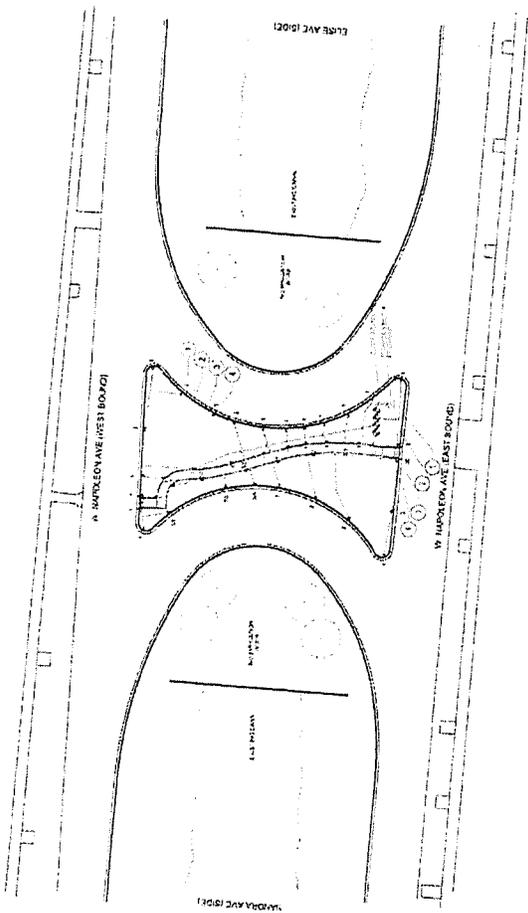
6. THE DESIGNER HAS CONDUCTED A VISUAL SURVEY OF THE SITE AND HAS FOUND THAT THE PROPOSED IMPROVEMENTS ARE FEASIBLE AND WILL NOT CAUSE ANY ADVERSE EFFECTS TO THE SURROUNDING AREA.

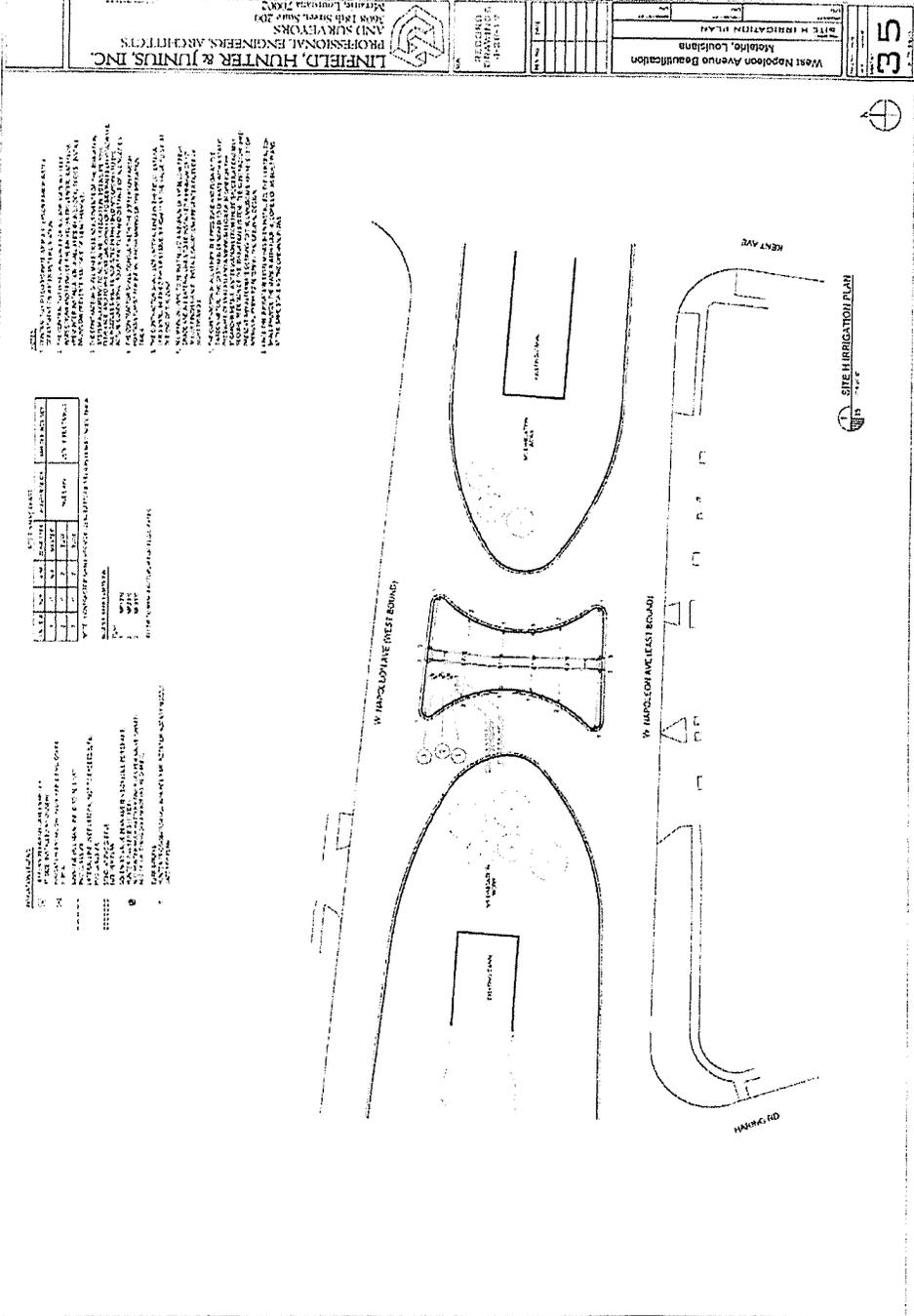
7. THE DESIGNER HAS CONDUCTED A VISUAL SURVEY OF THE SITE AND HAS FOUND THAT THE PROPOSED IMPROVEMENTS ARE FEASIBLE AND WILL NOT CAUSE ANY ADVERSE EFFECTS TO THE SURROUNDING AREA.

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10. THE DESIGNER HAS CONDUCTED A VISUAL SURVEY OF THE SITE AND HAS FOUND THAT THE PROPOSED IMPROVEMENTS ARE FEASIBLE AND WILL NOT CAUSE ANY ADVERSE EFFECTS TO THE SURROUNDING AREA.





THIS PLAN IS THE PROPERTY OF THE ENGINEER AND ARCHITECTS AND IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER AND ARCHITECTS. THE ENGINEER AND ARCHITECTS ACCEPT NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS PLAN. THE ENGINEER AND ARCHITECTS ARE NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE CLIENT OR FOR THE RESULTS OF ANY TESTS OR ANALYSES CONDUCTED BY OTHERS. THE ENGINEER AND ARCHITECTS ARE NOT RESPONSIBLE FOR THE DESIGN OF ANY STRUCTURES OR EQUIPMENT NOT SHOWN ON THIS PLAN. THE ENGINEER AND ARCHITECTS ARE NOT RESPONSIBLE FOR THE DESIGN OF ANY UTILITIES OR SERVICES NOT SHOWN ON THIS PLAN. THE ENGINEER AND ARCHITECTS ARE NOT RESPONSIBLE FOR THE DESIGN OF ANY LANDSCAPE OR PLANTING NOT SHOWN ON THIS PLAN. THE ENGINEER AND ARCHITECTS ARE NOT RESPONSIBLE FOR THE DESIGN OF ANY OTHER WORK NOT SHOWN ON THIS PLAN. THE ENGINEER AND ARCHITECTS ARE NOT RESPONSIBLE FOR THE DESIGN OF ANY OTHER WORK NOT SHOWN ON THIS PLAN.

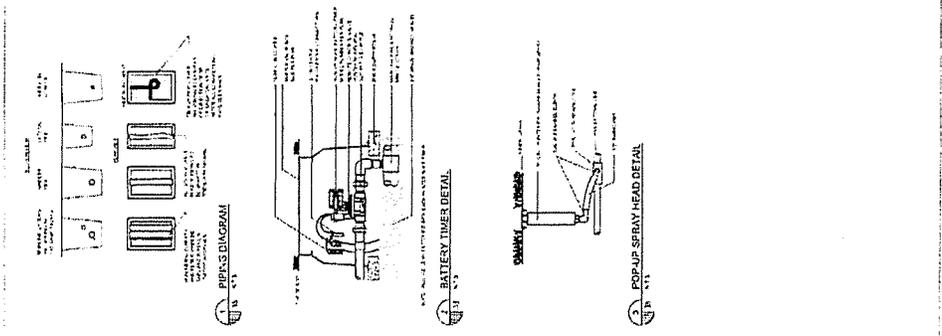
NO.	DESCRIPTION	AREA		TOTAL AREA
		SQ. FT.	SQ. YD.	
1	CONCRETE DRIVEWAY	1,200	30	1,200
2	ASPHALT DRIVEWAY	2,400	60	2,400
3	CONCRETE SIDEWALK	600	15	600
4	ASPHALT SIDEWALK	1,200	30	1,200
5	GRASS	10,000	250	10,000
6	PAVING	1,000	25	1,000
7	LANDSCAPE	500	12.5	500
8	UTILITIES	100	2.5	100
9	OTHER	100	2.5	100
10	TOTAL	18,000	450	18,000

LINEFIELD, HUNTER & JUNIUS, INC.
 PROFESSIONAL ENGINEERS, ARCHITECTS
 AND SURVEYORS
 1000 18th Street, Suite 200
 Metairie, Louisiana 70002

DATE: 11/15/11
 DRAWN BY: JH
 CHECKED BY: JH

35

West Napoleon Avenue Beautification
 Metairie, Louisiana
 SITE IRRIGATION PLAN



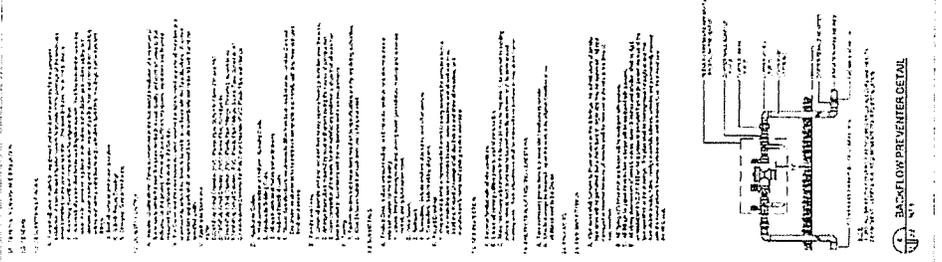
1. GENERAL NOTES:
 1. All work shall be in accordance with the specifications and drawings.
 2. The contractor shall be responsible for obtaining all necessary permits.
 3. All materials shall be of the highest quality and shall be approved by the engineer.
 4. The contractor shall maintain access to all existing utilities.
 5. The contractor shall be responsible for the safety of all workers.
 6. The contractor shall be responsible for the protection of all existing structures.
 7. The contractor shall be responsible for the cleanup of all work areas.
 8. The contractor shall be responsible for the disposal of all waste materials.
 9. The contractor shall be responsible for the payment of all taxes and fees.
 10. The contractor shall be responsible for the completion of all work within the specified time frame.

2. MATERIALS:
 2.1. All materials shall be of the highest quality and shall be approved by the engineer.
 2.2. The contractor shall be responsible for the procurement of all materials.
 2.3. The contractor shall be responsible for the storage and protection of all materials.
 2.4. The contractor shall be responsible for the disposal of all waste materials.

3. CONSTRUCTION:
 3.1. The contractor shall be responsible for the construction of all work.
 3.2. The contractor shall be responsible for the installation of all equipment.
 3.3. The contractor shall be responsible for the testing and commissioning of all equipment.
 3.4. The contractor shall be responsible for the maintenance of all work areas.
 3.5. The contractor shall be responsible for the completion of all work within the specified time frame.

4. TESTING AND COMMISSIONING:
 4.1. The contractor shall be responsible for the testing and commissioning of all equipment.
 4.2. The contractor shall be responsible for the recording of all test results.
 4.3. The contractor shall be responsible for the completion of all testing and commissioning work within the specified time frame.

5. MAINTENANCE:
 5.1. The contractor shall be responsible for the maintenance of all work areas.
 5.2. The contractor shall be responsible for the repair of all damaged work areas.
 5.3. The contractor shall be responsible for the completion of all maintenance work within the specified time frame.



Non-Public Works Bid Affidavit Instructions

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

Instruction sheet may be omitted when submitting the affidavit

Non-Public Works Bid

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF St. Tammany

BEFORE ME, the undersigned authority, personally came and appeared: _____
Brian Rotolo, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized VP of Finance of Rotolo Consultants, Inc. (Entity),
the party who submitted a bid in response to Bid Number 5000123897, to the Parish of
Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B X there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B X There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.



Signature of Affiant

Brian Rotolo

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 20th DAY OF September, 2018.



Notary Public

Crystal Gravois

Printed Name of Notary

066725

Notary/Bar Roll Number



My commission expires with life.



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Renny Simno
Director

September 06, 2018

ADDENDUM # 1

Bid No.: 50-00123897

Bid Opening Date: 09/20/2018

**For: TWO YEAR CONTRACT FOR IRRIGATION SERVICES AT VARIOUS LOCATIONS FOR THE
JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS- PARKWAYS**

CLARIFICATION:

La State Contractors License number in the category of Building Construction and/or Landscaping, Grading and Beautification has been added as an additional requirement.

NOTE: BID HAS BEEN REVISED PER ADDENDUM 1

Sincerely,

Donna M Evans, Buyer II
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form as indicated. Failure to do so will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Renny Simno
Director

September 12, 2018

ADDENDUM # 2

Bid No.: 50-00123897

Bid Opening Date: 09/20/2018

**For: TWO YEAR CONTRACT FOR IRRIGATION SERVICES AT VARIOUS LOCATIONS FOR THE
JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS- PARKWAYS**

CLARIFICATION:

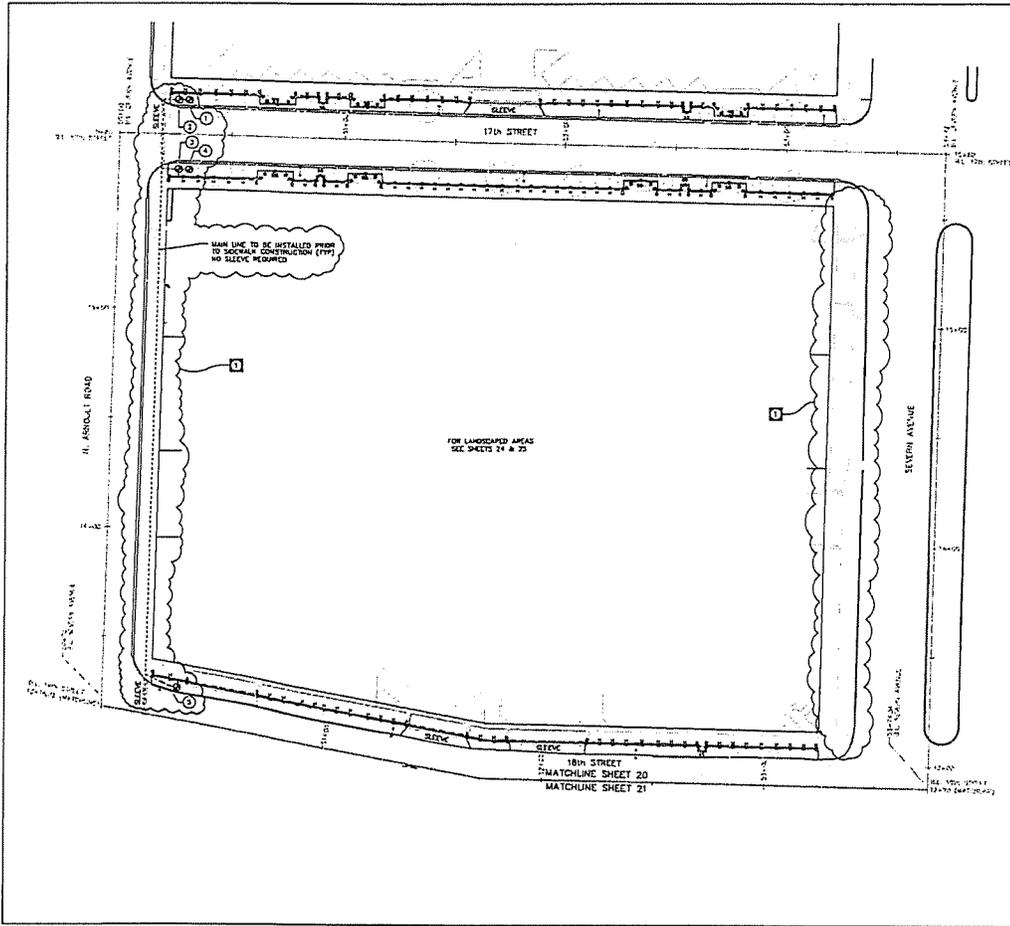
Please see attached- Irrigation plans for Site 2.3.8- Severn Avenue.

Sincerely,

Donna M Evans, Buyer II
Jefferson Parish Purchasing Department

**Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of
this addendum on the bid form as indicated. Failure to do so will result in bid rejection.**

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.



- IRRIGATION LEGEND:**
- FARMER GARDEN METER
 - SIZE
 - BACKFLOW PREVENTER (IN LOCKABLE ENCLOSURE)
 - HYDRAULIC CONTROLLER
 - MODULAR HYDRO CONTROLLER
 - OUTDOOR W/RT WIRELESS FARM SENSOR
 - MAIN LINE (ALL MAIN LINE IS TO BE 12")
 - PVC 8000 40
 - LATERAL LINE (SEE LATERAL NOT TO EXCEED 1/2")
 - PVC CLASS 200
 - 4" SOLOID PVC SLEEVE
 - CONDENSATE IRRIGATION LINES AND WIRE
 - SOLID WALKER BY 4 1/2" DIA
 - COMMERCIAL GRADE WALKER
 - VALVE NUMBER
 - SEE VALVE CHART
 - TURF SPRAYS
 - 4" POP-UP
 - MICRO-SPRAY
 - FLOW - 1/2 GAL/ANIMATE

- NOTES:**
1. CONTRACTOR TO COORDINATE WITH JEFFERSON PARK WATER DEPARTMENT REGARDING SCHEDULES ON MAIN WATER INSTALLATION (FRAME, FEEL, LOCATION, SCHEDULING & PROTECTION BY CONTRACTOR)
 2. CONTROLLER SHALL BE LOCATED TO PLANTER BOX 120V POWER TO PLANTER BOX IS PROVIDED IN ELECTRICAL PORTION OF THIS PROJECT.
 3. ALL IRRIGATION SLEEVES SHALL BE INSTALLED DURING CONCRETE POURING. NO WORKING HOLES FOR IRRIGATION SYSTEM. ANY SLEEVES SHOWN OUTSIDE OF DRIVEWAY/FORGEWADE IS FOR DRAWING CLARITY.
 4. THE CONTRACTOR SHALL FILL ADJUST THE IRRIGATION SYSTEM TO ENSURE 100% COVERAGE OF ALL LANDSCAPED AREAS AND TO GANT DRIVEWAY OVER DRIVEWAY, ROADWAYS AND BUILDINGS.
 5. APPROPRIATE LOCATION OF VALVES SHOWN. EXACT LOCATION OF VALVES TO BE FIELD DETERMINED UNDER THE DIRECTION OF THE PROJECT ENGINEER.

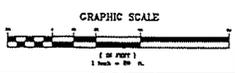
VALVE ADJUSTMENTS:

- Q QUARTER PATTERNS
- H HALF PATTERNS
- A ADJUSTABLE

VALVE CHART			
VALVE NUMBER	SIZE	SOLOID	NOZZLE
1	12"	4	SOLOID SPRAY (QUARTER)
2	12"	12	1/2" D.C. SPRAY & SOLOID STRIPS
3	12"	12	1/2" D.C. SPRAY & SOLOID STRIPS
4	12"	4	SOLOID SPRAY (QUARTER)
5	12"	12	1/2" D.C. SPRAY & SOLOID STRIPS

* MICRO-SPRAYS. PIPING NOT SHOWN FOR DRAWING CLARITY.

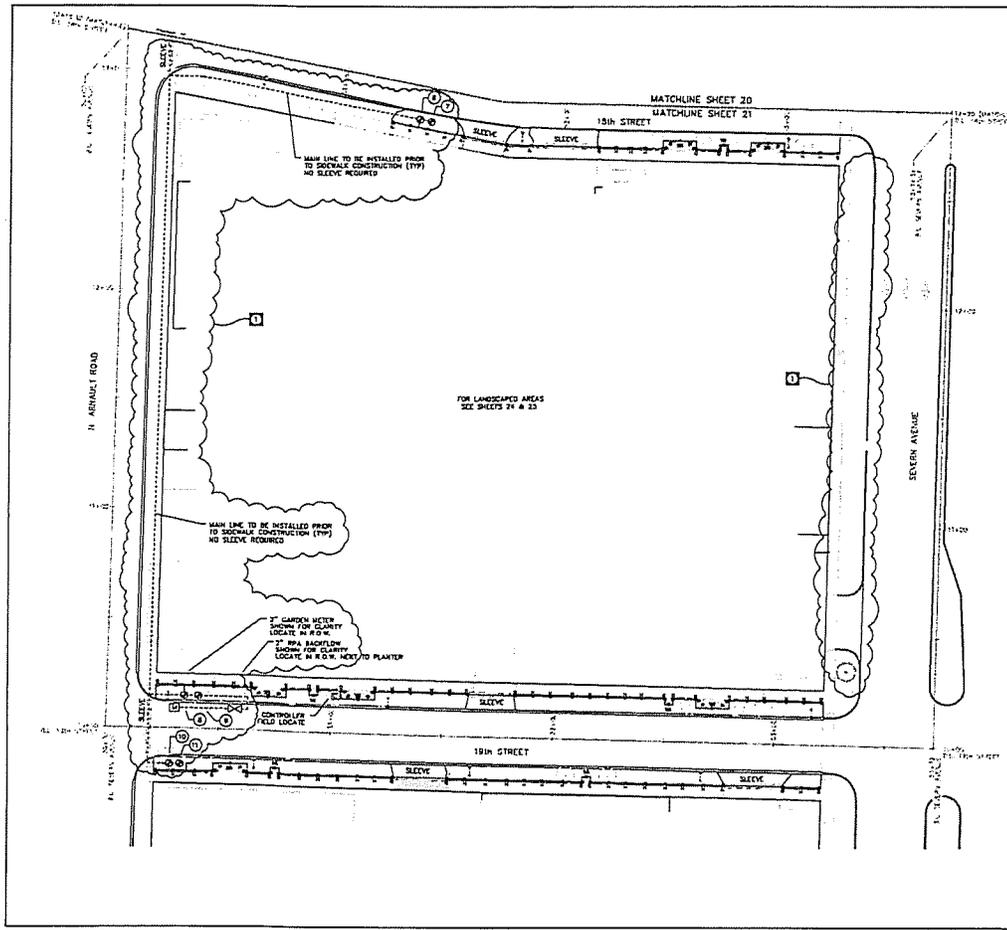
NOTE: SOLOID STRIP NOZZLES TO BE SPACED 15' O.C. ALL OTHER NOZZLES TO BE SPACED AT 3' O.C.



SHEET 20

DATE	2024
PROJECT	JEFFERSON PARK
CLIENT	CITY OF DENVER
DESIGNER	STANTEC
CHECKER	STANTEC
APPROVER	STANTEC

PARTIAL IRRIGATION PLAN
FAT CITY STREETS/CAPES



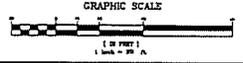
- IRRIGATION LEGEND**
- ① PARISH GARDEN METER
 - ② 2" BPE
 - ③ BACKFLOW PREVENTER (IN LOCKABLE ENVELOPE)
 - ④ 2" BPE
 - ⑤ MODULAR HYBRID CONTROLLER
 - ⑥ OUTDOOR 1/2" WHEELS RAW SODOM
 - ⑦ MAIN LINE (ALL MAIN LINE IS TO BE 1")
 - ⑧ PVC SODOM 1/2"
 - ⑨ LATERAL LINE (SIZE LATERAL NOT TO EXCEED 1/2")
 - ⑩ PVC GLASS 3/4"
 - ⑪ 4" SODOM PVC SLEEVE
 - ⑫ CONDENSATE IRRIGATION LINES AND MPE
 - ⑬ SOLID LINE VALVE OR 1/2" BOY
 - ⑭ CONDENSATE VALVE
 - ⑮ VALVE NUMBER
 - ⑯ SEE VALVE CHART
 - ⑰ TURT SWIRTS
 - ⑱ AT POP-UP
 - ⑲ MICRO-SPRAY
 - ⑳ FLOW 20 GAL/MINUTE

- NOTES**
1. CONTRACTOR TO COORDINATE WITH CITY/STREET WATER DEPARTMENT OUTSIDE SERVICES ON WATER METER INSTALLATION, (PLUMB, FEEL, LOCATION, SCHEDULING & INSPECTION BY CONTRACTOR)
 2. CONTROLLER SHALL BE MOUNTED TO PLANTER BOX 1200 ROWS TO PLANTER BOX IS INCLUDED IN ELECTRICAL PORTION OF THIS PROJECT.
 3. ALL IRRIGATION SLEEVES SHALL BE INSTALLED DURING CONCRETE REMOVAL AND BEING RELOCATED/REMOVED SYSTEM. ANY SLEEVES SHOWN OUTSIDE OF SPECIFICATIONS ARE TO BE REMOVED.
 4. THE CONTRACTOR SHALL FIELD ADJUST THE IRRIGATION SYSTEM TO ENSURE 100% COVERAGE OF ALL LANDSCAPED AREAS AND TO LIMIT OVERSPRAY ON SIDEWALKS, ROADWAYS AND BUILDINGS.
 5. APPROXIMATE LOCATION OF VALVES SHOWN. EXACT LOCATION OF VALVES TO BE FIELD DETERMINED UNDER THE DIRECTION OF THE PROJECT ENGINEER.

- NOZZLE SCHEDULE**
- ① QUARTER PATTERN
 - ② HALF PATTERN
 - ③ ADJUSTABLE
 - ④ 50% STIMP

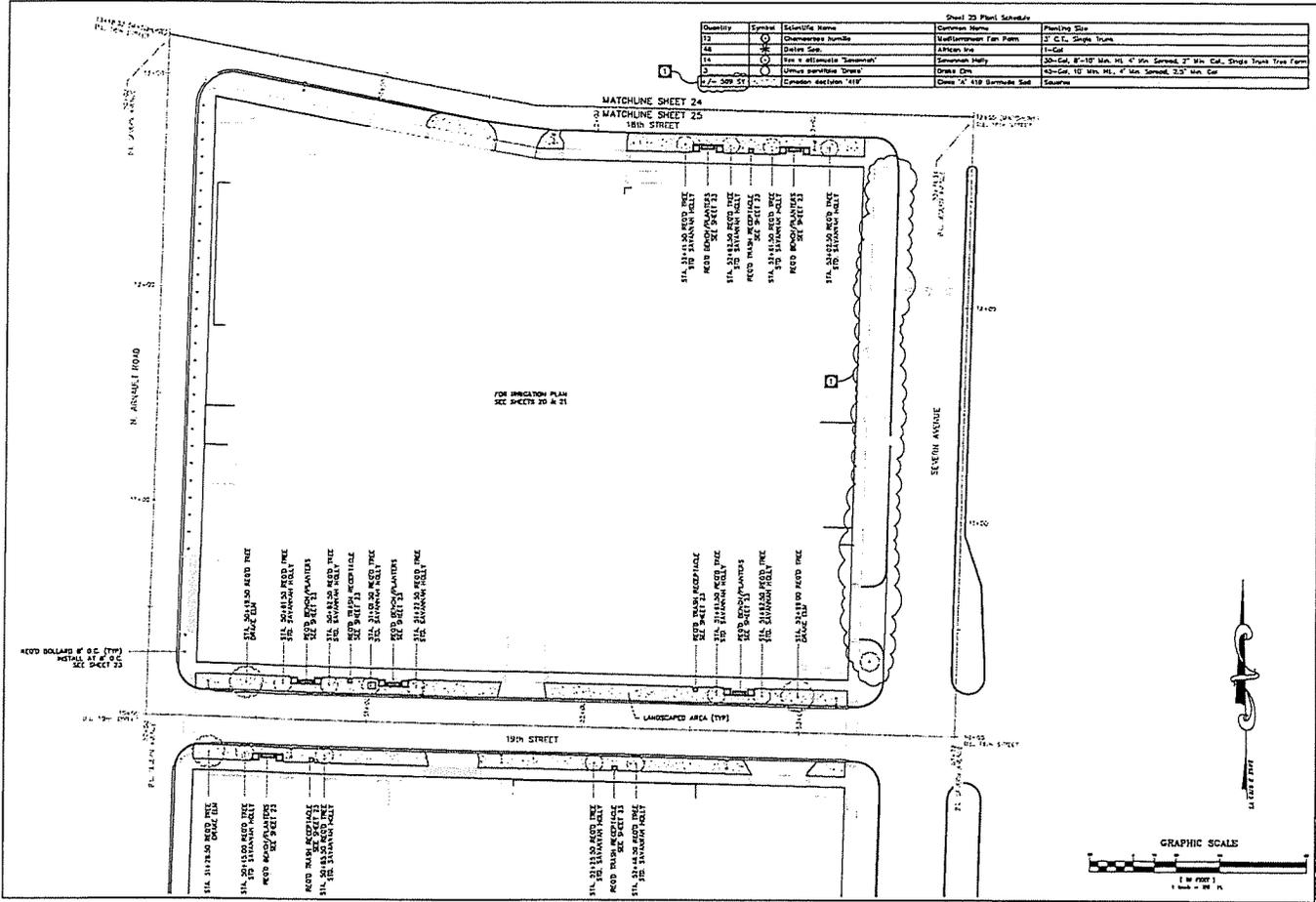
VALVE NUMBER	SIZE	SPW	NOZZLE
1	1"	17	1/2" O.C. SPRAWL & 20% STIMP
2	1"	5	1/2" O.C. SPRAWL (1/2" STIMP)
3	1"	17	1/2" O.C. SPRAWL & 20% STIMP
4	1"	5	MICRO-SPRAY (1/2" STIMP)
5	1"	17	1/2" O.C. SPRAWL & 20% STIMP
6	1"	5	MICRO-SPRAY (1/2" STIMP)

NOTE: MICRO-SPRAYS, PUMPS NOT SHOWN FOR DRAWING CLARITY.
NOTE: SIDE STIMP NOZZLES TO BE SPACED 1' O.C. ALL OTHER NOZZLES TO BE SPACED AT 1/2" O.C. AND 1' O.C. AS PER VALVE CHART.



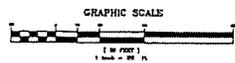
21

PARTIAL IRRIGATION PLAN
PAT CITY STREETS/SCAPES

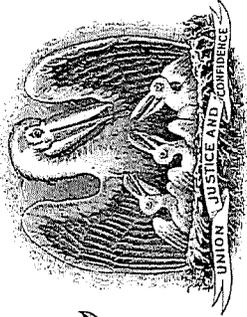


Quantity	Symbol	Scientific Name	Common Name	Planting Size
12	○	Chamaecyparis	Redwood	2' C.L. Single Trunk
48	○	Quercus	White Oak	1'-Gal
12	○	Pinus strobus	White Pine	20'-Gal, 8"-10" Min. Ht., 4" Min. Spread, 2" Min. Cal., Single Trunk Tree Form
12	○	Juniperus horizontalis	Creeping Juniper	20'-Gal, 12" Min. Ht., 4" Min. Spread, 2.5" Min. Cal.
1/2" 200 ST	○	Emersonia octocaryon	White Star Jasmine	2'-Gal

DATE: 11/11/11		SCALE: 1" = 10'-0"			25
PROJECT: 11111111		SHEET: 25 OF 25			
DESIGNER: J. J. JONES		DRAWN: M. M. MURPHY		PARTIAL PLANTING PLAN PAT CITY STREETSCAPES	
CHECKED: K. K. KEENE		APPROVED: L. L. LEE			



State of Louisiana



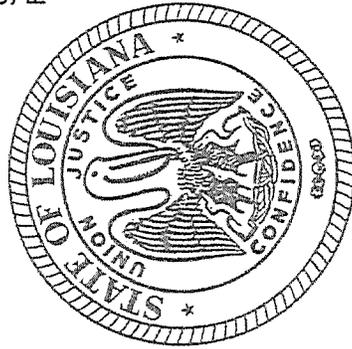
State Licensing Board for Contractors

This is to Certify that:

ROTOLO CONSULTANTS, INC.
38001 Brownsvillage Road
Slidell, LA 70460

is duly licensed and entitled to practice the following classifications

BUILDING CONSTRUCTION; MUNICIPAL AND PUBLIC WORKS CONSTRUCTION; SPECIALTY:
FENCING; SPECIALTY: LANDSCAPING, GRADING AND BEAUTIFICATION; SPECIALTY: RECREATION &
SPORTING FACILITIES & GOLF COURSES; SPECIALTY: SWIMMING POOLS, WATER FEATURES AND
FOUNTAINS



Expiration Date: July 20, 2019

License No: 29959

Witness our hand and seal of the Board dated,
Baton Rouge, LA 21st day of July 2016

Mark S. McCoy

Director

See Mallett

Chairman

Andy D'Amico

Treasurer

This License Is Not Transferrable



HORTICULTURE REGISTRATION: **AARON WILLIAM BROCKUP** Date: 03/15/2018
LDAF ID: 136986

LICENSE(S): **IRRIGATION CONTRACTOR 18-0599**
CEU Expiration Date **Mar 8 2020**
LANDSCAPE HORTICULTURIST 18-3892

Please verify information for correctness. If changes are necessary, make corrections and promptly return to issuing agency.

LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY

MIKE STRAIN, DVM, COMMISSIONER

Agricultural & Environmental Sciences, 5825 Florida Blvd., Suite 3002, Baton Rouge, LA 70806, (225) 952-8100, FAX (225) 925-3760

Be it known that, effective 03/08/2018 through 03/31/2019, having complied with all relevant requirements of the Louisiana Revised Statutes, the individual named below is hereby licensed in the following profession(s):

LICENSE(S): **IRRIGATION CONTRACTOR 18-0599** Mar: 8 2020
LANDSCAPE HORTICULTURIST 18-3892

Mike Strain
Commissioner

AARON WILLIAM BROCKUP
#103 HICKORY DRIVE
LONG BEACH MS 39560

LDAF ID: 136986

DISPLAY IN A PROMINENT PLACE



AGENCY CUSTOMER ID: _____

LOC #: _____



ADDITIONAL REMARKS SCHEDULE

Page 1 of 1

AGENCY Arthur J. Gallagher Risk Management Services, Inc.		NAMED INSURED Rotolo Consultants Inc dba RCI 38001 Brownsvillage Rd Slidell, LA 70460	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE

Blanket Additional Insured provided if required by written contract as respect General Liability form for both ongoing and completed operations#CGL084 10/13
Blanket Additional Insured-Primary Non-Contributory, if required by written contract included in CGL025 11/08
Blanket Additional Insured where required in a written contract - Auto Liability form #CAU058 (01 15)
Blanket Waiver of Subrogation provided if required by written contract as respect General Liability CGL088 1013
Blanket Waiver of Subrogation -Auto Liability CAU058 0115
Blanket Waiver of Subrogation - Workers' Compensation WC0003 13(All States)

Excess/Umbrella follows form for Additional Insured Status

All policies - 30 day notice of cancellation except 10 days for non payment to insured

Rented/Leased Equipment \$500,000 Aggregate

Installation/Builders Risk Floater - 6/30/18 to 6/30/19 - \$1,000,000 Limit; Policy #CPP0016919 - National Trust Ins. Co.

Professional Liability - 6/30/18-19; Policy #03114129; Carrier-Allied World Assurance Co. - Each Claim \$1,000,000/\$2,000,000 Aggregate
Includes Pollution Liability - \$1,000,000 Per Claim/\$2,000,000 Aggregate

R. Kyle Ardoin
Secretary of State

State of Louisiana
Secretary of State

COMMERCIAL DIVISION
225.925.4704



Fax Numbers
 225.932.5317 (Admin. Services)
 225.932.5314 (Corporations)
 225.932.5318 (UCC)

Name	Type	City	Status
ROTOLO CONSULTANTS, INC.	Business Corporation	SLIDELL	Active

Previous Names

Business: ROTOLO CONSULTANTS, INC.
Charter Number: 34480469D
Registration Date: 12/15/1994

Domicile Address

38001 BROWNSVILLAGE RD
 SLIDELL, LA 70460

Mailing Address

38001 BROWNSVILLAGE ROAD
 SLIDELL, LA 70460

Principal Office Address

38001 BROWNSVILLAGE RD
 SLIDELL, LA 70460

Status

Status: Active
Annual Report Status: In Good Standing
File Date: 12/15/1994
Last Report Filed: 12/5/2017
Type: Business Corporation

Registered Agent(s)

Agent: C T CORPORATION SYSTEM
Address 1: 3867 PLAZA TOWER DR.
City, State, Zip: BATON ROUGE, LA 70816
Appointment Date: 8/27/2015

Officer(s)

Additional Officers: No

Officer: KEITH ROTOLO
Title: Director, President
Address 1: 38001 BROWNSVILLAGE RD

City, State, Zip: SLIDELL, LA 70460
--

Officer: BRIAN ROTOLO
Title: Secretary/Treasurer, Director
Address 1: 38001 BROWNSVILLAGE RD
City, State, Zip: SLIDELL, LA 70460

Amendments on File (9)

Description	Date
Appointing, Change, or Resign of Officer	1/15/2010
Appointing, Change, or Resign of Officer	5/1/2013
Disclosure of Ownership	7/1/2015
Amendment	7/1/2015
Restated Articles	8/27/2015
Domicile, Agent Change or Resign of Agent	8/27/2015
Domicile, Agent Change or Resign of Agent	10/18/2015
Domicile, Agent Change or Resign of Agent	11/9/2016
Appointing, Change, or Resign of Officer	3/19/2018

Print



Bond Number: SLA18873420

Contractor Information

Principal: Rotolo Consultants Inc.

Address: 38001 Brownsvillage Road Slidell Louisiana 70460 United States

Owner/Obligee Information

Bond Form: Bid Bond in accordance with Contract Specifications

Owner/Obligee: Jefferson Parish

Address: 200 Derbigny Street Gretna Louisiana 70053 United States

Bond Information

Surety: Westfield Insurance Company

Bid Date: 9/20/2018

Estimated Contract Price:

Time For Completion:

Liquidated Damages:

Estimated Work On Hand:

Amount of Bid Security: 5%

Contract # or IFB #: 5000123897

Description of Job: TWO (2) YEAR MAINTENANCE CONTRACT FOR IRRIGATION SERVICES AT VARIOUS LOCATIONS FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS - PARKWAYS

Job Breakdown:

Electronic Bidding Information

Bid Security Percentage: 5

Bid Security Maximum:

Owner Assigned Contractor Number:BX116

Primary Agency:

BXS Insurance, Inc.

Power of Attorney Limited to: unlimited

Executed

Entered By: Charles E. Reagin, III - 9/19/2018 10:23:42 AM ET

Approved & Executed By:

Charles E. Reagin, III

Charles E. Reagin, III (Signed: 19-Sep-2018 10:24 AM EDT (UTC-04:00))

Signature Information

Know all men by these presents that Westfield Insurance Company, a Corporation duly organized under the laws of the State of Ohio, are held and firmly bound unto the above owner/obligee by this transmission. The surety agrees to waive the Statute of Fraud defense and further agrees that the owner/obligee is a third party beneficiary of the waiver for the purposes of enforcing this bid bond.

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Document ID: S2000-1000971898