SUBJECT: DESIGN-BUILD SERVICES FOR HORIZONTAL/CIVIL ENGINEERING (HORIZONTAL) DESIGN-BUILD PROJECTS

BID # CDB-0132-21 **OPEN DATE: 2021-08-04**

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION – DESIGN/BUILD- PRE-QUALIFICATIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 **NUMBER RECEIVED: 4** **OTHER: 0**

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

Recommend approval to amend the award to J.B. Coxwell Contracting, Inc, to incorporate the attached scope and Fee Summary, Exhibit C-2 for Historic Cemetery Entrance Improvements, submitted as Amendment 1B, for final and post design and construction services by approving an increase in the amount $561,800.70. The revised GMP amount is $678,459.26. Work to be completed within 90 days from notice to proceed.

FUNDING SOURCE: 32111.153101.565031.010250.00000000.00000.0000000 To be executed by formal contract through the Office of General Counsel using the negotiated contract rate schedule.

ATTACHMENTS: Recommendation Memo, Exhibit C-2, Previous Awards

ANALYST: for
Benjamin Kemp

RESPECTFULLY SUBMITTED:
DUSTIN FREEMAN, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Robin G. Smith, P.E., Chief, Engineering and Construction Management

---

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING_____ MEMBERS DISAPPROVING_____ DATE:_____

_____ _____ OTHER_____

_____ _____

_____ _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED_____ DISAPPROVED: _____

OTHER: _____

SIGNATURE OF AUTHENTICATION _____

ONE CITY. ONE JACKSONVILLE

City of Jacksonville, Florida

Donna Deegan, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

August 31, 2023

TO: Dustin Freeman
Chief of Procurement

THRU: Nina Sickler, P.E.
Acting Director of Public Works

FROM: Robin G. Smith, P.E.
Chief, Engineering and Construction Management

SUBJECT: Amendment 1B/ PO 644290-22 Contract 71754-22 CDB- 0132-21
J.B. Coxwell Contracting, Inc.
Design Build Services Horizontal/Civil (Horizontal): Historic Cemetery Entrance Improvements

In accordance with Design/Build CDB-0132-21, Contract No. 71754-22, the Historic Cemetery Entrance Improvements project was awarded by Amendment 1A in the amount of $116,658.56 to provide 90% design for the Historic Cemetery Entrance Improvements on Moncrief Rd. Amendment 1B is for final and post design and construction services. Negotiations have resulted in the attached Scope and Fee, Exhibit C-2 for the GMP amount of $561,800.70, which includes $65,632.20 in contingency and bonds, allowing for the completion of the work within 90 days from notice to proceed. J. B. Coxwell Contracting is committed to meeting the 20% JSEB participation goals established for this contract.

Accordingly, this is to recommend that Amendment 1A to Contract No. 71754-22, executed August 2, 2022, between the City and J. B. Coxwell Contracting, Inc. for Historic Cemetery Entrance Improvements be amended to incorporate the attached Scope and Fee summary, Exhibit C-2 to increase the GMP by $561,800.70 to a new GMP amount of $678,459.26, known as Amendment 1B.

Funding for this project should be encumbered as follows:

ACCOUNTS:		TOTAL
32111.153101.565031.010250.00000000.00000.0000000	Task 1	$75,341.44
32111.153101.565051.010250.00000000.00000.0000000	Task 1	$480,000.00
32124.153101.565051.010250.00000000.00000.0000000	Task 2	$ 6,459.26
		$561,800.70

RGS/lw

Attachment: Exhibit C-2

cc: A.J. Tablada, IE., Engineering and Construction Management

EXHIBIT C-2

J.B. Coxwell Contracting, Inc.
6741 Lloyd Road West
Jacksonville, Florida 32254
Office (904) 786-1120 Fax (904) 783-2970

August 11, 2023

Alan Tablada, P.E.
City of Jacksonville Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, Florida 32202

Re: Fee Proposal for Historic Cemetery Entrance Improvements
Design-Build Construction Delivery for City of Jacksonville
City Contract No. 71754-22

Dear Alan:

J.B. Coxwell Contracting, Inc. (JBCCI) is pleased to submit for your review and consideration the following design-build scope of services and attached lump sum fee proposal for final design, post design services and construction services for the above referenced project. The general scope of this project includes adding landscape islands including irrigation on Moncrief Road at the City of Jacksonville (COJ) Historic Cemetery per the DCP. This proposal is based on the current plans by GAI Consultants, Inc. (GAI) that are not ten-set approved at this time with the exception of the irrigation.

The proposed total lump sum for this project is $561,800.70, which includes a 15% project contingency. The project contingency is for the Design-Builder's benefit and not for changed field conditions, unknown field conditions or added scope of work. The work related to this project will be completed within ninety days (90) calendar days from notice-to-proceed.

This lump sum amount is inclusive of only those services noted on the attached proposal(s) and which are anticipated at this time. No services or work other than those noted in the proposals are included. In addition, any unknown condition(s) which may surface during design or any other increase in scope of services may result in a request for additional services. No work will proceed; however, without first obtaining approval from the City for additional services. This proposal is valid for thirty (30) days unless otherwise agreed upon.

The irrigation plans will need to be revised to show two separate services for each location on either side of Avenue B. Also, this proposal due to other constraints includes the irrigation controller battery operated in a meter box below ground. The two controllers will not include JEA power and will not be above ground. Additionally, ten-set approval has created an issue regarding site distances. One comment relates to the trees requested to be planted in the landscape islands. If this cannot get resolved the trees may not be able to be planted in the two islands East of Avenue B.

JBCCI is very appreciative of the opportunity to provide you with our design-build services. Should you have any questions or need any further information, please don't hesitate to contact us. We are also available to review and discuss this proposal with you and/or others at your convenience.

Regards,
J.B. Coxwell Contracting, Inc.
Josh Sowards
Josh Sowards
Director of Design Build Services

JBCCI FEE SUMMARY

EXHIBIT C-2

Date: 08/11/2023
Project: Historic Cemetery Entrance Improvements
Design-Build Construction Delivery for City of Jacksonville
City Contract No.: 71754-22

Item	Quantity	U/M	Unit Price	Amount
Landscape Islands & Irrigation				
General Conditions	1.00	LS	$ 65,038.94	$ 65,038.94
Post Design Services	1.00	LS	$ 30,750.71	$ 30,750.71
Surveying / Asbuilts	1.00	LS	$ 15,178.91	$ 15,178.91
CMT Testing	1.00	LS	$ 4,500.00	$ 4,500.00
Erosion Control	1.00	LS	$ 21,137.89	$ 21,137.89
Maintenance of Traffic	1.00	LS	$ 51,811.52	$ 51,811.52
Site Prep - Demolition	1.00	LS	$ 33,817.16	$ 33,817.16
Type D Curb	495.00	LF	$ 45.60	$ 22,572.00
Type IV Traffic Separator - Concrete (1.75 ft)	230.00	LF	$ 93.50	$ 21,505.00
Type IV Traffic Separator - Concrete (2.50 ft)	330.00	LF	$ 100.08	$ 33,026.40
Asphalt Patch Allowance	1.00	LS	$ 5,565.30	$ 5,565.30
Earthwork & Site Grading	1.00	LS	$ 19,480.78	$ 19,480.78
04" Sidewalk (Plain Grey) - Rem/Rep	60.00	SY	$ 148.30	$ 8,898.00
Striping & Signage Allowance	1.00	LS	$ 6,000.00	$ 6,000.00
Landscaping & Irrigation	1.00	LS	$ 46,287.91	$ 46,287.91
Directional Bore Sleeves	1.00	LS	$ 37,310.01	$ 37,310.01
Irrigation Service	2.00	EA	$ 3,333.74	$ 6,667.48
Restoration - Grassing	1.00	LS	$ 8,000.00	$ 8,000.00
Historic Cemetery Entrance Improvements				**$ 437,548.01**
Contractor's Contingency	15%			$ 65,632.20
Bond				$ 7,547.70
Design Builders Fee	10.0%			$ 51,072.79
Historic Cemetery Entrance Improv. Grand Total				**$ 561,800.70**

EXHIBIT C-2

Jacksonville Office
12574 Flagler Center Blvd
Suite 202
Jacksonville, Florida 32258

T 904.363.1110
F 904.363.1115

June 28, 2023

Josh Sowards
Project Manager
J. B. Coxwell Contracting, Inc.
6741 Lloyd Road
Jacksonville, FL 32254

Subject: Historic Cemetery / Moncrief Rd. Landscape Islands Design Build - Final Design and Post Design Services Proposal RFQ CDB 132-21 City Contract No. 71754-22

Dear Mr. Sowards,

GAI Consultants, Inc. (GAI) respectfully submits the following scope of services and fee proposal to complete final and post design services for the subject project.

+ Scope of Work
+ Lump Sum Fee Proposal

Scope of Work

The previous scope and fee proposal dated August 30, 2021 was to complete design services to an 90% level. This scope and fee is to finalize the design plans and complete post design services to include:

1. Attendance of meetings to include pre-construction, construction progress and project close-out
2. Shop drawings review
3. Utility conflict resolution assistance
4. Construction field visits
5. Coordination with the City
6. Plan Revisions
7. Project Close Out and Certifications
8. As Built Review

Thank you for the opportunity to submit this proposal. I trust that this proposal meets with your expectations. If you have any questions, please feel free to contact us for further discussion.

Sincerely,

Nicholas E Mousa, AICP
Assistant Vice President

Exhibit A - Page 1 of 1
CONTRACT FEE SUMMARY FOR
Historic Cemetery 100% Design and Post Design Services

PART I - GENERAL	
1. Project - D/B Construction Delivery for COJ Historic Cemetery 100% Design and Post Design Services	**2. Project Number** CDB-0006-16
3. Name of Consultant GAI Consultants, Inc.	**4. Date of Proposal** 6/28/2023

PART II - LABOR RELATED COSTS

5. DIRECT LABOR	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$ 104.30	4	$ 417.20	
Project Manager (Responsible Prof.)	$ 84.59	24	$ 2,030.16	
Senior Project Engineer	$ 64.49	30	$ 1,934.70	
Project Engineer	$ 49.14	50	$ 2,457.00	
Engineer Intern	$ 34.38	40	$ 1,375.20	
Senior Designer	$ 37.95	16	$ 607.20	
Designer/Sr. CADD Technician	$ 28.43	20	$ 568.60	
CADD Technician	$ 25.14	20	$ 502.80	
Clerical	$ 19.91	8	$ 159.28	
Survey Manager (PSM)	$ 58.62	0	$ 0.00	
Three Man Survey Crew	$ 79.04	0	$ 0.00	
			TOTAL DIRECT LABOR	**$ 10,052.14**
6. OVERHEAD (Combined Fringe Benefits & Administrative) Overhead Rate 173.58%				$ 17,448.50
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				**$ 27,500.64**
8. PROFIT: Labor Related Costs (Item 7)			x 10%	$ 2,750.06
			SUB-TOTAL SALARY RELATED COSTS	**$ 30,250.71**

PART III - OTHER COSTS

9. MISCELLANEOUS DIRECT COSTS (Lump Sum) Misc. Direct Expenses (Lump Sum)	$ 500.00
MISCELLANEOUS DIRECT COSTS SUB-TOTAL	**$ 500.00**
10. SUBCONTRACTS (Lump Sum)	$ -
SUB-CONTRACT SUB-TOTAL	**$ -**

PART IV - SUMMARY

TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)	**$ 30,750.71**

EXHIBIT C-2

DESIGN CRITERIA PACKAGE
For
HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

A. General

The Design-Build firm shall be responsible for any plan production that is required beyond the Concept Plan provided by the City in Appendix A. Any construction initiated by the Design-Build firm prior to receiving approval from the City shall be at the sole risk of the Design-Build firm.

B. Scope of Work

An exhibit is attached (Appendix A) showing the proposed Concept Plan for this work. The Design Build firm will be responsible for the design and construction of landscaped center medians at the entrances of the Pinehurst Cemetery and Memorial Cemetery along Moncrief Rd W.

- Remove existing roadway section – pavement, road base, subgrade and install suitable fill dirt for tree and landscape island
- Install COJ curb and Gutter islands, avoiding conflict with existing residential driveways
- Verify lane dimensions and re-stripe as required for conflicting pavement markings
- Install required new roadway signage
- Install irrigation suitable for new landscape median growth
- Install new landscape plants/ trees – Single Stem Crepe Myrtles, planted 20 feet on center with metered drip irrigation. Peanut grass ground cover everywhere else.

The actual quantities are to be confirmed by the Design-Build Firm. Repairs to return the right-of-way to its pre-construction condition are also to be included in this proposal.

C. Location of Proposed Improvements

The proposed project location is along Moncrief Rd W as shown in Appendix A. The medians shall be located along Moncrief Rd W running approximately the length of the cemetery parcels, RE #026462 0000 and RE# 025621 0000.

D. Permits

The Design-Build firm shall be responsible for obtaining a Right-of-Way permit through the City of Jacksonville. It is anticipated that no other permits will be required, but this is to be confirmed by the Design-Build firm.

E. Maintenance of Traffic

The proposed location is in an active roadway that must remain open during construction. Temporary closures of one lane in each direction at a time are permitted. No lanes shall be closed overnight.

F. Working Hours

Allowable working hours shall be Monday through Friday from 7 a.m. until 5 p.m.

G. Fueling of Equipment

No fueling of equipment will be allowed in City of Jacksonville right-of-way. Fueling will have to take place off-site.

H. Staging Area

The Design-Build firm shall be responsible for the staging area. All areas of the right-of-way shall be restored to the pre-construction condition.

I. Materials

All design elements are to be reviewed and approved by the City's Engineering Division before the materials are purchased or installed.

J. Utility Locations

The locations of existing utilities must be determined during the design phase of the project. The Design-Build firm shall be responsible for calling for utility locates prior to starting construction.

K. Budget

The total available funding for the design and construction is $480,000.

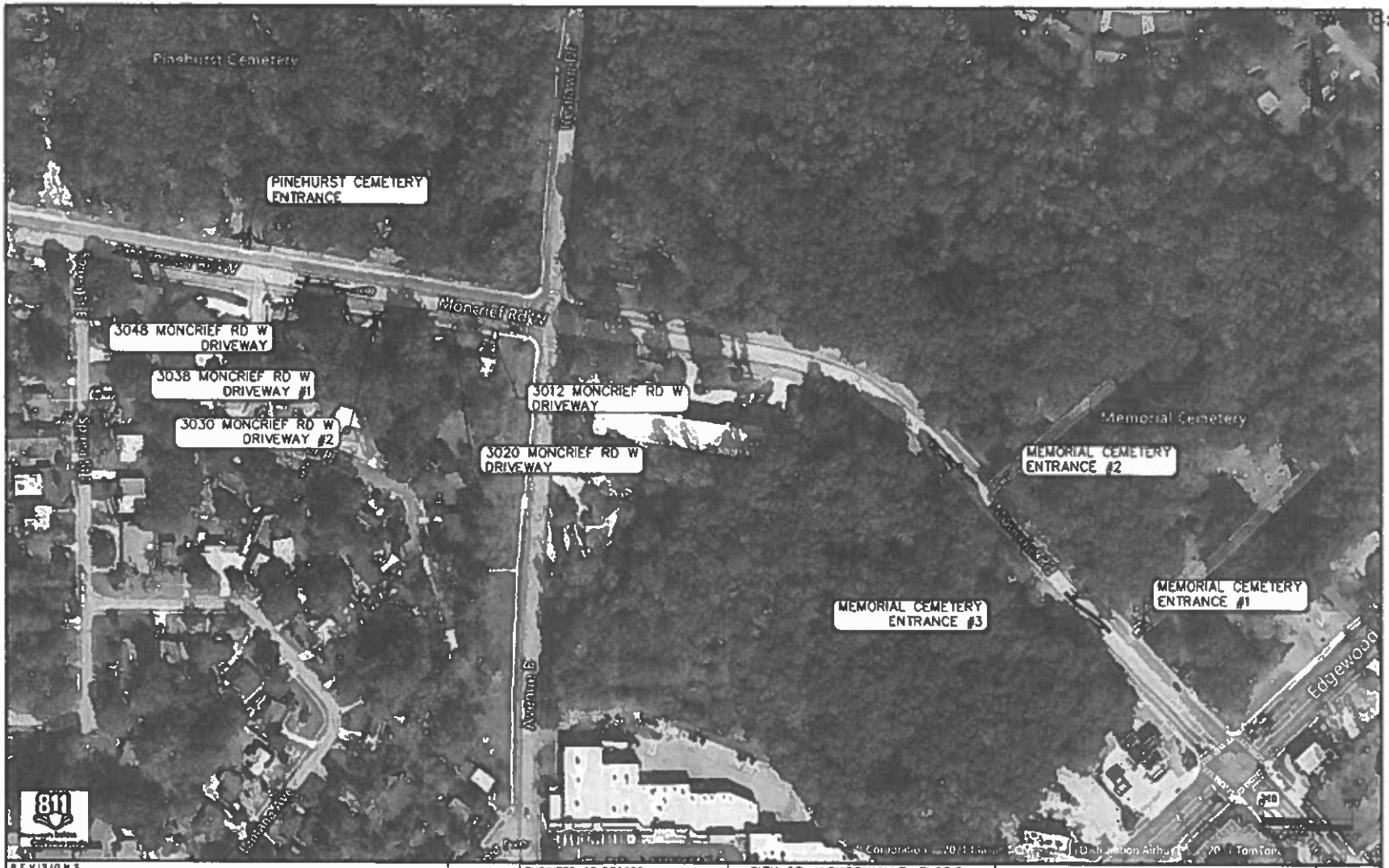
END OF THE DESIGN CRITERIA PACKAGE

LIST OF APPENDICES

Appendix A	Concept Plan

Appendix A

Concept Plan



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:

CITY OF JACKSONVILLE
214 N. HOGAN ST.
JACKSONVILLE, FL 32202

CITY OF JACKSONVILLE, FLORIDA
DEPARTMENT OF PUBLIC WORKS

DATE	DRAWN BY	PROJECT #
7/2/2021	AMT	

HISTORIC CEMETERY
ENTRANCE IMPROVEMENTS
CONCEPT PLAN

SHEET NO.

HISTORIC CEMETERY ROADWAY IMPROVEMENTS CONSTRUCTION PLANS

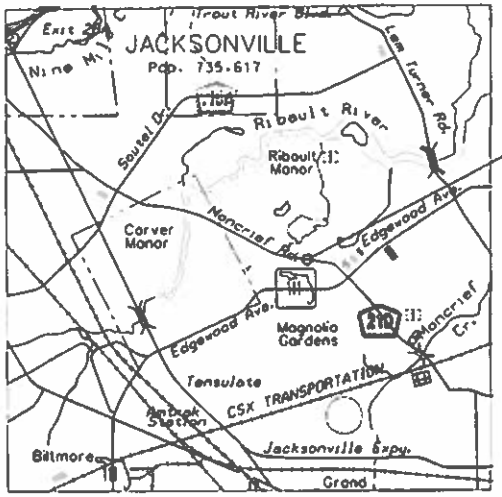
Jacksonville, FL 32209

FOR

CITY OF JACKSONVILLE

DEPARTMENT OF PUBLIC WORKS

Jacksonville, Florida 32202



PROJECT LOCATION

VICINITY MAP
N.T.S.

Prepared By:

gai consultants
EB 9951
12574 FLAGLER CENTER BLVD
SUITE 202
JACKSONVILLE,
FLORIDA 32258
PHONE: (904) 363-1110

CITY OF JACKSONVILLE NOTES

GENERAL

UTILITY WORK

WORK WITHIN THE RIGHT-OF-WAY

STORMWATER

FIRE MARSHALL

LANDSCAPE

TRAFFIC ENGINEERING

TRAFFIC SIGNS

DESCRIPTION	DATE

SHEET INDEX

1	Cover Sheet
2	Signature Sheet
3 - 4	Typical Sections
5	General Notes
6 - 8	Roadway Plans
9	MOT General Notes
10	Erosion Control Details
11	Erosion Control General Notes
L-100 to L-103	Landscape Plans
IR-100 to IR-108	Irrigation Plans

SURVEYOR

JOSEPH K. LEK, P.S.M.
Florida Registered Land Surveyor
NO. LS 6016
GAI Consultants, Inc
12574 Flagler Center Blvd., Suite 202
Jacksonville, Florida 32258
Business License No. LB 3604
Phone. 904.363.1110
904.559.8088 Direct

PLAN APPROVAL

Date

Date

Plan approval is valid for five years after the initial approval date. Revisions made after the initial approval date do not extend this five-year time frame.

PLAN APPROVAL IS SUBJECT TO THE FOLLOWING NOTES AND CONDITIONS:

GENERAL PROJECT INFORMATION

GENERAL

City Development Number	
Concurrency Application Number	
Property Appraiser Number (RE #)	
Zoning Designation	
Zoning Applications (if any)	
PUD Ordinance Number	
PBMA – Community – Panel	
Flood Zones (Zone in Plans)	
Base Flood Elev. (Elev. in Plans)	
Vertical Datum Used for Project	
JEA Availability Number	

ELEVATION

PUD Number	
City or Private Inspection	
Public or Private Roads	
Duplicates (YS17) Elev. Provided?	

WETLANDS/ESHA

Fresh Water Wetlands Classification System (FWCS)	
Impervious Area (Sq. Ft.)	

COVER SHEET

EXHIBIT C-2

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

MATTHEW MICHAEL BOLYARD
LICENSE
No 74635
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

GAI CONSULTANTS, INC.
12574 FLAGLER CENTER BLVD , SUITE 202
JACKSONVILLE, FLORIDA 32258
MATTHEW MICHAEL BOLYARD P.E. NO. 74635

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C

SHEET NO.	SHEET DESCRIPTION
1	Key Sheet
2	Signature Sheet
3 - 4	Typical Sections
5	General Notes
6 - 8	Roadway Plans
9	Hot General Notes
10	Erosion Control Details
11	Erosion Control General Notes

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

RUTH C. PERRY
LICENSE
No 1530
STATE OF FLORIDA
LANDSCAPE ARCHITECT

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

GAI CONSULTANTS INC
12574 FLAGLER CENTER BLVD , SUITE 202
JACKSONVILLE, FLORIDA 32258
RUTH C PERRY 1530

THE ABOVE NAMED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004 F.A.C.

SHEET NO.	SHEET DESCRIPTION
L-100 to L-103	Landscape Plans
IR-100 to IR-108	Irrigation Plans

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS

REV	DATE	BY	DESCRIPTION

gai consultants
12574 Flagler Center Blvd, Suite 202
Jacksonville, FL 32258
904 263 1130

SCALE	AS SHOWN
DATE	6/22/2023
DRAWN	AEB
CHECKED	RTJ
APPROVED	MMB

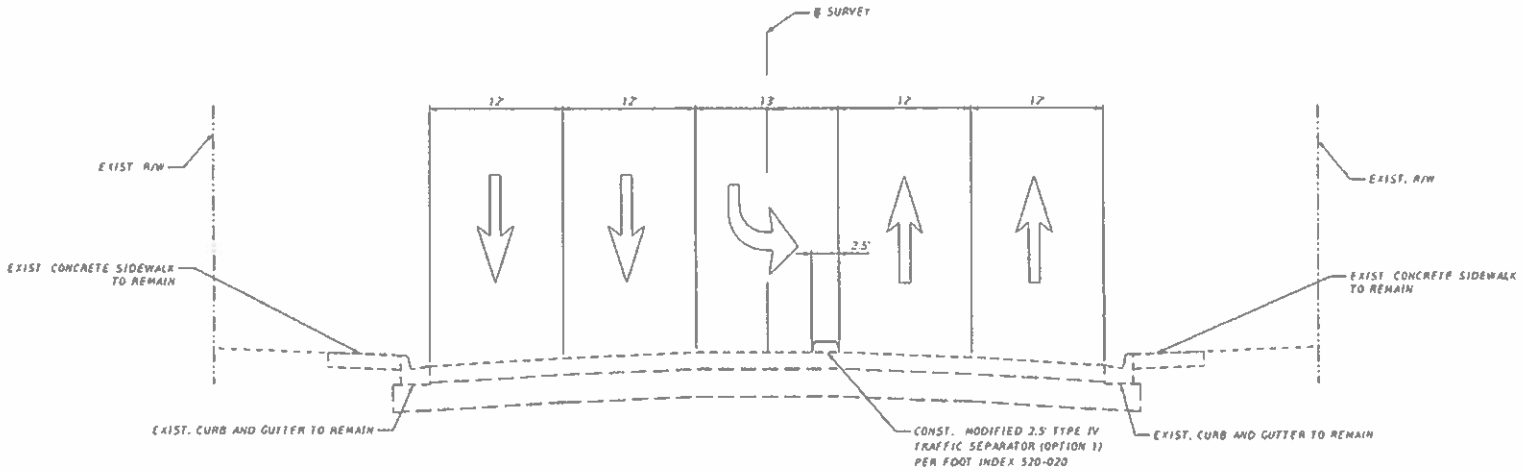
PROJECT NO. GAI NO.
B151448.44

SIGNATURE SHEET

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

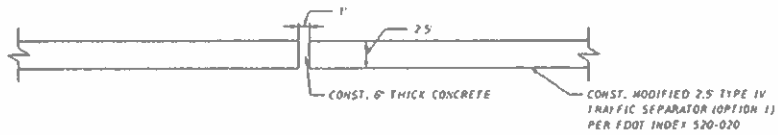
2

EXHIBIT C.2



MONCRIEF RD. TYPICAL SECTION #1

STA. 30+91.12 TO STA. 32+80.00
STA. 33+82.17 TO STA. 35+17.17



TRAFFIC SEPARATOR SLOT OPENING DETAIL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-27.004, F.A.C.

REVISIONS

REV	DATE	BY	DESCRIPTION

gai consultants
transforming ideas into reality
12751 Ranger Center Blvd., Suite 202
Jacksonville, FL 32256
904.363.1330

SCALE	AS SHOWN
DATE	01/27/2023
DRAWN	REB
CHECKED	RTJ
APPROVED	NHB

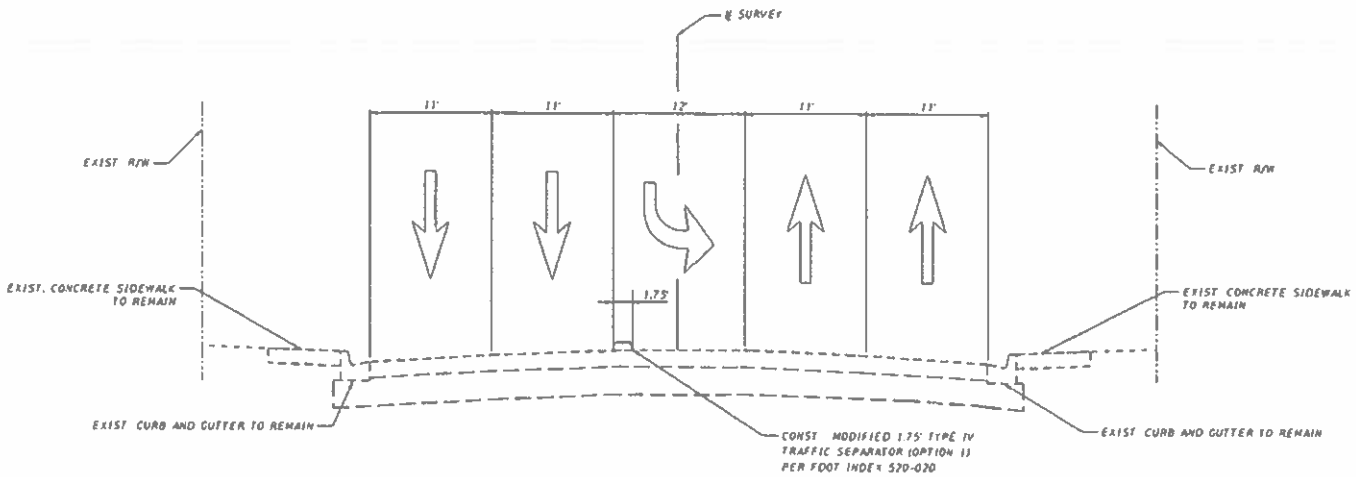
PROJECT NO. 0151440.44

TYPICAL SECTION

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

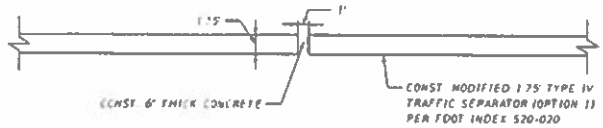
SHEET NO. 3

EXHIBIT C-2



MONCRIEF RD. TYPICAL SECTION # 2

STA 45+39.30 TO STA. 46+39.37
STA 48+29.58 TO STA. 49+75.95



TRAFFIC SEPARATOR SLOT OPENING DETAIL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-27.004, F.A.C.

REVISIONS

REV	DATE	BY	DESCRIPTION

gai consultants
engineering planning environmental
1765 Hodges Center Drive, Suite 202
Jacksonville FL 32256
904 363-7116

SCALE	AS SHOWN
DATE	6/22/2022
DRAWN	AEB
CHECKED	RTJ
APPROVED	MMB

TYPICAL SECTION

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

SHEET NO
4

EXHIBIT C-2

GENERAL NOTES

1. ALL WORK BOTH PRIVATE AND PUBLIC SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND GENERAL NOTES HEREIN AND/OR OTHERWISE REQUIRED BY THE LATEST EDITION OF APPLICABLE FEDERAL, STATE, LOCAL AND UTILITY CODES, ORDINANCES, REGULATIONS, STANDARDS AND SPECIFICATIONS. ALL MATERIALS, CONSTRUCTION SHALL BE TESTED IN ACCORDANCE WITH THE LATEST APPLICABLE REGULATORY STANDARDS. SPECIFICATIONS. IN THE EVENT OF A CONFLICT BETWEEN THE REQUIREMENTS, THE MOST STRINGENT SHALL APPLY AS DETERMINED BY THE ENGINEER
2. PROPOSED SPOT ELEVATIONS REFER TO FINISHED GRADE
3. EXISTING CONDITIONS, BENCH MARKS, TOPOGRAPHY, ELEVATIONS, AND BOUNDARY INFORMATION HAVE BEEN PROVIDED IN A SURVEY PREPARED BY OTHER. THE SURVEYOR OF RECORD IS LISTED ON THE COVER SHEET
4. PROTECT ANY NEWLY BUILT IMPROVEMENTS LOCATED WITHIN THE LIMITS OF CONSTRUCTION IF IN DANGER OR DEMASED NOTIFY THE FOLLOWING PRIOR TO CONSTRUCTION
   DIVISION OF STATE LAND
   DEPARTMENT OF ENVIRONMENTAL PROTECTION
   BUREAU OF SURVEYING AND MAPPING
   3900 COMMONWEALTH BOULEVARD
   TALLAHASSEE, FLORIDA 32399-3000
5. THE LOCATION OF THE EXISTING UTILITIES AND DRAINAGE STRUCTURES SHOWN ON THESE PLANS ARE BASED ON AVAILABLE INFORMATION PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES FOR VERIFICATION AND FIELD LOCATION OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF CONSTRUCTION. CONTRACTOR IS SOLEY RESPONSIBLE FOR DAMAGE TO EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY UTILITIES NEEDED DURING CONSTRUCTION UNLESS NOTED OTHERWISE. CONTRACTORS IS RESPONSIBLE FOR ALL UTILITIES DESPICTED ON DRAWINGS UNLESS OTHERWISE NOTED
6. CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING STRUCTURES, IMPROVEMENTS, UTILITIES AND PROPERTY LINES, AND CONFIRM ALL PROPOSED DIMENSION AND ELEVATIONS PRIOR TO PREPARING SHOP AND COMMENCING ANY CONSTRUCTION OR BUILDING MATERIALS
7. CONTRACTORS SHALL COORDINATE CONSTRUCTION WITH ALL OTHER RELATED SITE CONSTRUCTION AND/OR ADJACENT OFF-SITE CONSTRUCTION
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DOCUMENT CONDITIONS OF EXISTING INFRASTRUCTURE, BOTH PUBLIC AND PRIVATE. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY DAMAGE TO EXISTING INFRASTRUCTURE TO ITS PRECONSTRUCTION CONDITION OR BETTER
9. CONTRACTOR SHALL CALL SUNSHINE 811 TO HAVE UNDERGROUND UTILITIES LOCATED AND MARKED AT LEAST 48 HOURS PRIOR TO DIGGING
10. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING GRASS AND PLANTINGS ON ALL DISTURBED AREAS IN ACCORDANCE WITH THE LANDSCAPE PLANS AS SOON AS POSSIBLE TO MINIMIZE EROSION IF NOT SPECIFICALLY ADDRESSED IN THE PLANS, ALL DISTURBED AREAS SHALL BE STABILIZED WITH 85% UNIFORM GRASS COVERAGE
11. THE CONTRACTOR'S O&M SHALL INCLUDE EROSION CONTROL MEASURE AND MONITORING AS SPECIFIED IN THE STORMWATER POLLUTION PREVENTION PLANS (SWPPP). EROSION CONTROL SHALL BE PROVIDED IACORDANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS FOR LAND DEVELOPMENT AND AS SPECIFIED AND DETAILED IN THE EROSION CONTROL PLAN AND DETAILS
12. WHERE FDOT STANDARDS AND SPECIFICATIONS ARE REFERENCED REFER TO THE FDOT "STANDARDS PLANS" LATEST EDITION
13. ALL TRAFFIC SIGNS AND MARKINGS SHALL BE IN ACCORDANCE WITH THE U.S. DEPARTMENT OF TRANSPORTATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICE (MUTCD), LATEST EDITION
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE JOB SITE PRIOR TO PREPARING THEIR BID. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH NATURE AND EXTENT OF THE PROPOSED WORK AND LOCAL CONDITIONS, EITHER SURFACE OR SUB-SURFACE, WHICH MAY AFFECT THE WORK TO BE PERFORMED, AND THE EQUIPMENT, LABOR AND MATERIAL REQUIRED. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE PERFORMANCE UNDER THIS CONTRACTOR
15. SHOULD THE SURFACE OR SUBSURFACE CONDITIONS FOUND VARY FROM WHAT IS SHOWN ON THESE PLANS THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN WRITING
16. DO NOT SCALE THESE DRAWINGS USE DIMENSIONS ONLY
17. THE CONTRACTOR'S BID SHALL INCLUDE ANY AND ALL NECESSARY MEANS AND METHODS TO CONTROL SURFACE AND GROUND WATER DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO: SURFACE GRADING, DEWATERING TRENCHES WITH SUMP PUMPS, WELL POINTING, ETC. THE CONTRACTOR IS RESPONSIBLE FOR DEWATERING ACTUAL AND LIKELY DEPTHS TO GROUNDWATER AND THE WATER CONTROL NECESSARY TO MEET MOISTURE AND DENSITY REQUIREMENTS FOR THE NATIVE AND IMPORTED SOILS
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLEARING AND GRUBBING PERMITS AND ALL OTHER PERMITS NECESSARY FOR CONSTRUCTION EXCEPT FOR THE FOLLOWING: STATE WATER MANAGEMENT DISTRICT CONSTRUCTION PERMIT, LOCAL CITY OR COUNTY CONSTRUCTION PLAN APPROVAL, CONSTRUCTION PLAN APPROVAL OF THE POTABLE WATER AND SANITARY SEWER SYSTEMS AND FDOT DRIVEWAY, DRAINAGE AND UTILITY CONNECTION PERMITTING.
19. CONTRACTOR SHALL COMPLY WITH ALL PERMIT CONDITIONS DURING CONSTRUCTION
20. ALL WORK SHALL BE OPEN AND SUBJECT TO INSPECTION BY AUTHORIZED PERSONNEL OF LOCAL, STATE AND FEDERAL REGULATORY AGENCIES, UTILITY COMPANIES, ENGINEER, AND THE OWNER
21. SHOP DRAWINGS SHALL BE REQUIRED FOR ALL SANITARY, STORM & POTABLE WATER STRUCTURES AND MATERIALS. DRAWINGS SHALL BE SUBMITTED TO THE DESIGN ENGINEER, & WHERE APPLICABLE TO THE APPLICABLE REGULATORY AGENCY FOR APPROVAL PRIOR TO CASTING OF INSTALLATION
22. CONTRACTOR SHALL PROVIDE STORAGE FOR ALL MATERIALS AND EQUIPMENT. MATERIALS AND SUPPLIES SHALL BE PLACED IN A MANNER TO PREVENT ENDANGERMENT OR RESTRICTION OF VEHICULAR OR PEDESTRIAN TRAFFIC
23. AFTER COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL PERFORM SITE CLEAN UP OPERATIONS FOR REMOVAL OF ALL TRASH, DEBRIS, EXCESS MATERIAL, AND EQUIPMENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESENT THE PROJECT SITE CLEAN AND IN GOOD ORDER AT THE TIME OF FINAL ACCEPTANCE
24. A PRE-CONSTRUCTION MEETING IS REQUIRED AND SHALL BE SCHEDULED WITH THE ENGINEER AND LOCAL REGULATORY AGENCIES AT LEAST 48 HOURS IN ADVANCE OF SITE CONSTRUCTION
25. A STANDARD CONSUMPTIVE USE PERMIT (CUP) FROM THE DISTRICT IS REQUIRED FOR ANY CONSTRUCTION DEWATERING ACTIVITY ABOVE 694 GPM. CONTRACTOR SHOULD CONTACT DISTRICT CUP STAFF AT (904) 730-6270 FOR INFORMATION ON HOW TO OBTAIN A STANDARD OR TEMPORARY CONSTRUCTION DEWATERING PERMIT (12 27 AM)
26. IF HISTORICAL OR ARCHEOLOGICAL ARTIFACTS, SUCH AS INDIAN CANOES, ARE DISCOVERED AT ANY TIME WITHIN THE PROJECT SITE, IMMEDIATE NOTIFICATION SHALL BE PROVIDED TO THE FOLLOWING:
   THE OWNER AND ENGINEER ON RECORD
   THE APPLICABLE WATER MANAGEMENT DISTRICT OFFICE
   THE BUREAU OF HISTORIC PRESERVATION OR
   DIVISION OF HISTORIC RESOURCES
   R. A. GRAY BUILDING
   500 S. BRONOUGH ST
   TALLAHASSEE, FL 32399-0250
27. CONTRACTOR SHALL PROVIDE A MINIMUM OF FORTY EIGHT (48) HOURS NOTICE FOR SITE INSPECTION REQUESTS, INCLUDING BUT NOT LIMITED TO WHERE REQUIRED BY FEDERAL, STATE OR LOCAL REGULATORY AGENCY HAVING JURISDICTION

AS-BUILT NOTES.

AS-BUILT DRAWINGS SHALL BE PREPARED IN AUTOCAD FORMAT BY A REGISTERED LAND SURVEYOR, AND SHALL BE IN CONFORMANCE WITH ALL AUTHORITIES HAVING JURISDICTION. FOUR SETS OF SIGNED AND SEALED PRINTS AND A PDF OF THE PROJECT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FINAL ACCEPTANCE AND RELEASE OF THE RETAINAGE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DAILY RECORD DRAWINGS AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE COMPLETE AS-BUILT INFORMATION TO THE ENGINEER IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS

1. PROVIDE LOCATIONS OF ALL BUILDINGS AND INFRASTRUCTURE. ALL STRUCTURE LOCATIONS WILL BE FROM A MINIMUM OF TWO (2) DIRECTIONS
2. PROVIDE LOCATIONS OF ALL STORMWATER MANAGEMENT FACILITIES. AS-BUILTS WILL INCLUDE TOP OF BANK LOCATION AND ELEVATION AND BOTTOM OF SLOPE LOCATION AND ELEVATION. A COMPLETE DETAIL OF THE CONTROL STRUCTURE SHALL BE PROVIDED WHICH WILL INCLUDE WEIR LOCATION, WIDTH AND ELEVATION, AND ORIFICE LOCATION, SIZE AND ELEVATION
3. PROVIDE ELEVATIONS OF ALL FINISHED FLOORS, TOP AND INVERT ELEVATIONS OF ALL SANITARY AND STORM SEWER STRUCTURES AND SIZE, INVERT ELEVATIONS OF PIPES, PAVEMENT AND SIDEWALK ELEVATIONS SHALL BE PROVIDED AS REQUIRED TO ESTABLISH GRADES
4. LOCATION OF ALL ABOVE AND BELOW GROUND UTILITIES SHALL BE PROVIDED, INCLUDING VALVES, BACK-FLOW PREVENTERS, BENDS, ETC. TOP OF PIPE ELEVATIONS, SIZE AND LENGTH SHALL BE PROVIDED ON THE AS-BUILTS
5. PROVIDE SPECIAL DETAIL DRAWINGS AT LOCATIONS WHERE INSTALLATIONS WERE NOT AS SHOWN ON THE CONTRACT DRAWINGS OR WHERE REQUIRED FOR CLARITY
6. PROVIDE LOCATION, ELEVATION AND DESCRIPTION OF BENCH MARKS

DRAINAGE NOTES

1. ALL STORM DRAINAGE PIPE SHALL BE CLASS III REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE NOTED
2. ALL STORM DRAINAGE INLETS AND PIPES SHALL BE PROTECTED FROM SILT, SAND AND DEBRIS DURING CONSTRUCTION. ANY ACCUMULATION WITHIN THE STORM DRAINAGE PIPE SYSTEM SHALL BE REMOVED WITHOUT PUMPING OR FLUSHING INTO THE PONDS PRIOR TO THE RELEASE OF RETAINAGE
3. PROVIDE HAY BALES IN FRONT OF ALL DRAINAGE CURB INLETS AND PROVIDE FILTER FABRIC UNDER THE GRATE OF ALL DITCH BOTTOM INLETS AFTER INITIAL COMPLETION OF THE DRAINAGE STRUCTURE. MAINTAIN THESE MEASURES DAILY WHICH MAY INCLUDE FULL REPLACEMENT AT THE DISCRETION OF THE OWNER TO MINIMIZE SILT ACCUMULATION IN THE STORM DRAINAGE SYSTEM
4. TRENCHES SHALL BE CONSTRUCTED AND MONITORED IN ACCORDANCE WITH THE NOTES FOR TRENCHING ACTIVITIES

ROADWAY NOTES

1. SAWCUT EXISTING PAVEMENT IN A STRAIGHT LINE AT THE CONNECTIONS TO THE EXISTING ROADWAYS TO FORM A SMOOTH TRANSITION
2. ALL CURBS SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE. ALL CHIPPED OR CRACKED PORTIONS OF CURB SHALL BE REPLACED. IN ADDITION ANY NORMAL CONCRETE, ASPHALT, SOIL AND OTHER DEPOSITS OR STAINS SHALL BE CLEANED TO RETURN THE CURBS TO THEIR ORIGINAL CONDITION
3. UPON COMPLETION OF FINAL ASPHALT PAVING, TOOL AND CLEAN ALL MANHOLE AND VALVE COVERS OF DIRT, DEBRIS, AND ASPHALT. ALL MANHOLE AND VALVE COVERS SHALL BE CLEAN AND OPERABLE PRIOR TO OWNERS ACCEPTANCE. ALL MANHOLES AND VALVE COVERS SHALL BE FLUSH WITH ASPHALT PAVING. CONCRETE COLLARS SHALL BE PROVIDED AT ALL VALVE AND CLEAN OUT COVERS LOCATED IN ASPHALT PAVING

PAVING MARKING NOTES

1. PAVEMENT MARKINGS SHOULD BE PLACED AS SHOWN ON THE PLANS AND DETAIL SHEETS
2. ANY RESULTING TEMPORARY MARKINGS MUST BE IN PLACE BEFORE OPENING LANES OF TRAFFIC
3. THE REMOVAL OF EXISTING PAVEMENT MARKINGS WILL BE CONSIDERED AN INCIDENTAL ITEM WITH NO ADDITIONAL COMPENSATION PROVIDED
4. ALL PERMANENT PAVEMENT MARKINGS SHALL BE EXTRUDED THERMOPLASTIC AND MEET CURRENT CITY OF JACKSONVILLE SPECIFICATIONS AND/OR FDOT STANDARD SPECIFICATIONS LATEST EDITION.
5. THERMOPLASTIC PAVEMENT MARKINGS ARE TO BE PLACED NO SOONER THAN 30 CALENDAR DAYS AFTER THE COMPLETION OF THE FINAL PAVEMENT LAYER
6. A BITUMINOUS REFLECTIVE PAVEMENT MARKER (RPM), ADHESIVE MEETING CURRENT CITY OF JACKSONVILLE AND/OR FDOT SPECIFICATIONS SHALL BE USED ON ASPHALT ROADWAYS
7. THE CONTRACTOR SHALL USE CLASS B REFLECTIVE PAVEMENT MARKERS (RPMS) INSTALLED TO MEET CURRENT CITY OF JACKSONVILLE SPECIFICATIONS AND/OR FDOT STANDARD SPECIFICATIONS.
8. REFLECTIVE PAVEMENT MARKERS THAT DO NOT CONFLICT WITH PERMANENT (THERMOPLASTIC) MARKINGS SHALL BE PLACED ON ALL FINAL ASPHALTIC CONCRETE SURFACES IMMEDIATELY AFTER THE TEMPORARY PERMANENT STRIPING IS IN PLACE
9. PAVEMENT MARKINGS REMOVAL
   (A) PAINT BLACKOUT METHOD OF PAVEMENT MARKINGS REMOVAL IS NOT ACCEPTABLE
   (B) GRINDING OR HYDRO BLAST METHODS SHALL BE USED ON WEATHERED ASPHALT SURFACES
   (C) REMOVAL ON NEW ASPHALT SURFACES SHALL BE BY HYDRO BLAST METHOD ONLY.
10. THE CONTRACTOR SHALL CONTACT THE PAVEMENT MARKING INSPECTOR (904) 255-7950 48 HOURS PRIOR TO INSTALLING ANY PAVEMENT MARKINGS ON ANY CITY OF JACKSONVILLE ROADWAY OR STREET.
11. IN THE EVENT OF A CONFLICT BETWEEN THE SPECIFICATIONS OF THE CITY OF JACKSONVILLE AND THE SPECIFICATIONS OF THE FDOT, THE CITY OF JACKSONVILLE WILL PREVAIL

REVISIONS			
REV	DATE	BY	DESCRIPTION

gai consultants
engineering planning environmental
125 Ivey Center Blvd Suite 202
Jacksonville, FL 32250
904 363 1190

SCALE	AS SHOWN	PROJECT NO / DATE NO
DATE	07/27/2023	0151448.04
DRAWN	BEB	
CHECKED	AJJ	
APPROVED	MHB	

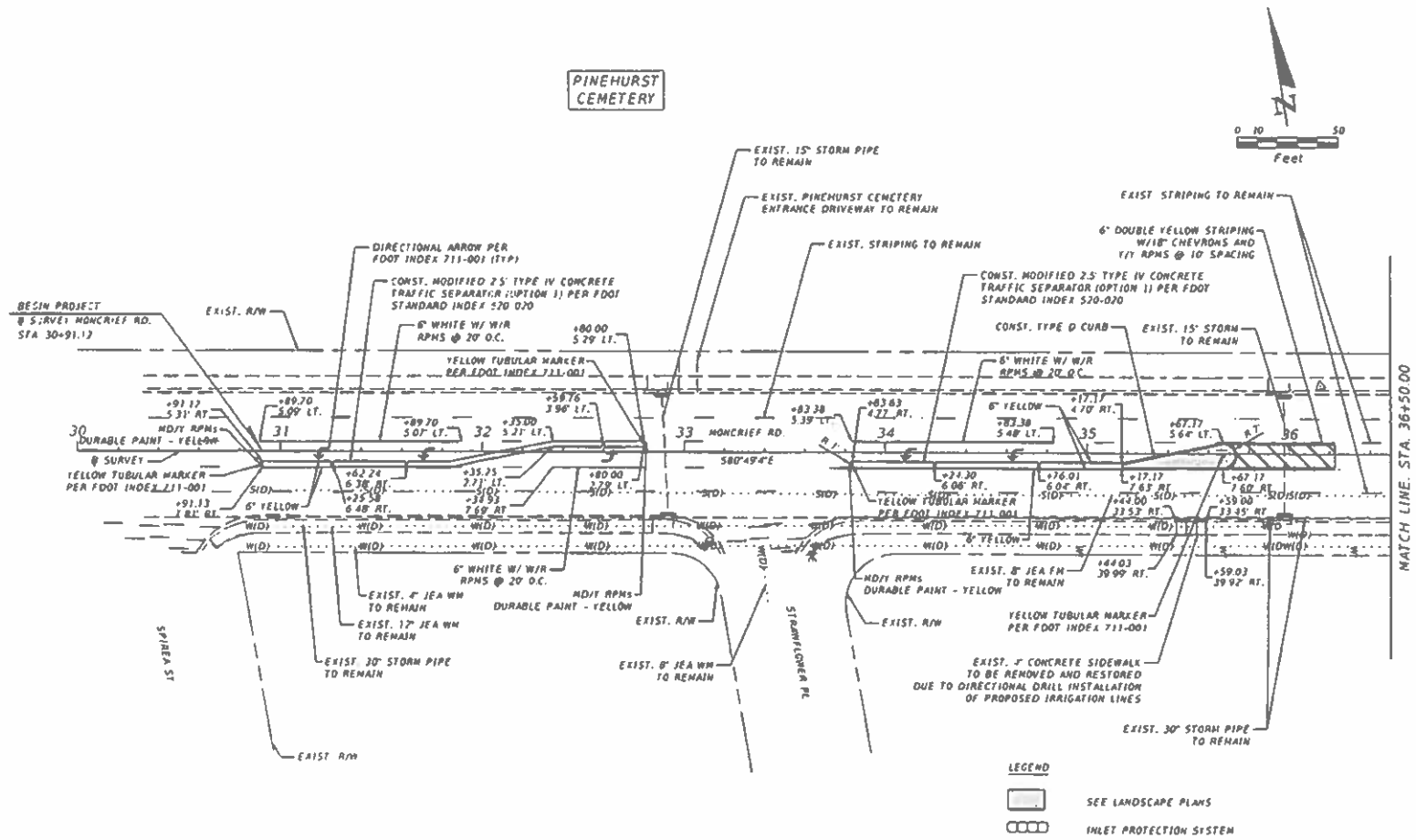
GENERAL NOTES

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

SHEET NO 3

THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 OF THE FLORIDA ADMIN. CODE

EXHIBIT C-2



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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12534 Flagler Center Blvd. Suite 202
Jacksonville, FL 32258
904 363 1210

SCALE	AS SHOWN
DATE	07/27/2023
DRAWN	REB
CHECKED	RTJ
APPROVED	MMB

PROJECT NO. 0151048.44

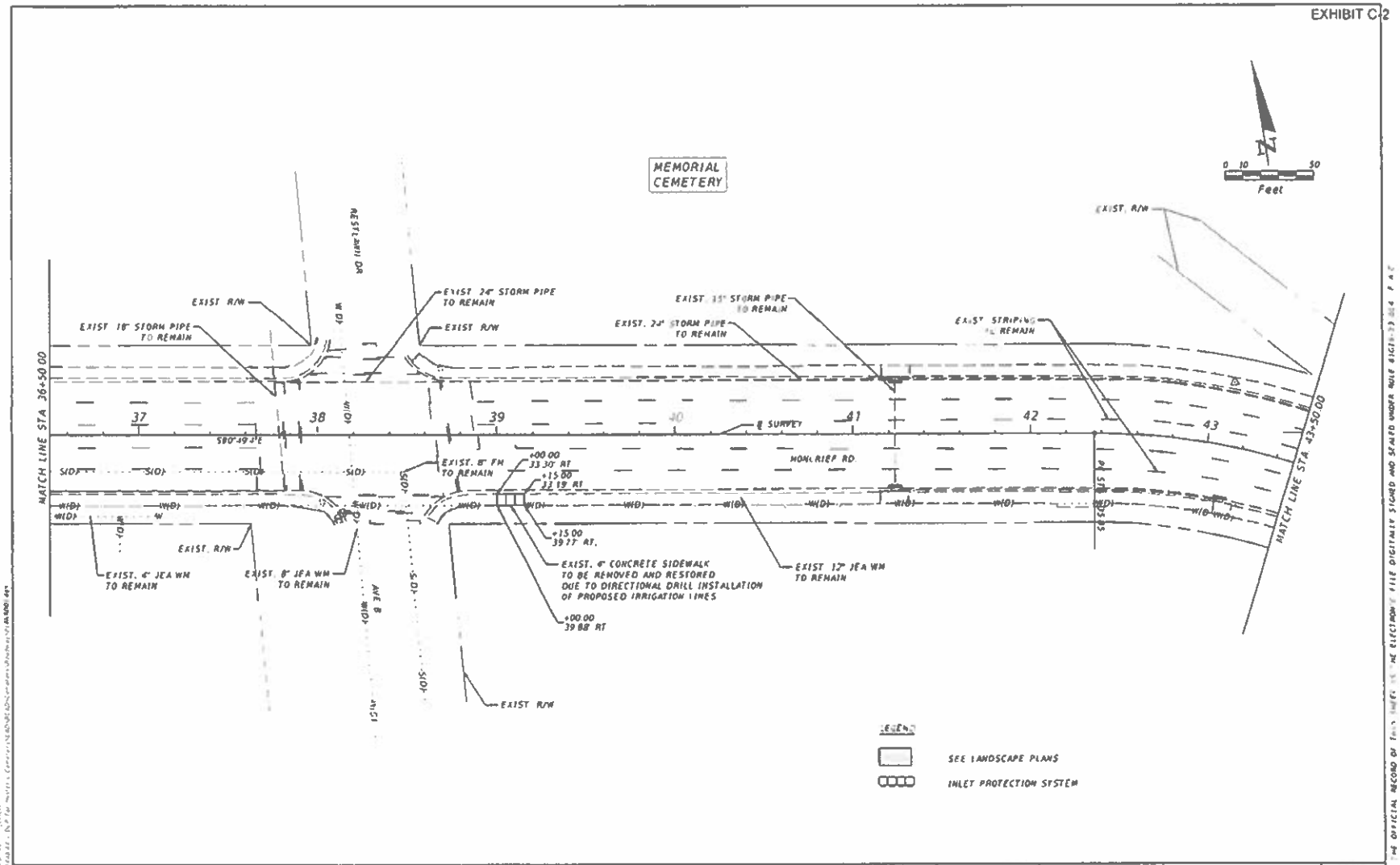
ROADWAY PLANS

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

SHEET 40

6

EXHIBIT C-2



REVISIONS

REV.	DATE	BY	DESCRIPTION

gai consultants
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135 N Laura Street Blvd, Suite 202
Jacksonville, FL 32256
904 443 1100

SCALE	AS SHOWN
DATE	6/27/2023
DRAWN	BEB
CHECKED	REJ
APPROVED	NMB

PROJECT NO. 0159440.44

ROADWAY PLANS

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

SHEET NO. 2

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004 F.A.C.

EXHIBIT C 2

MEMORIAL CEMETERY

0 10 50 Feet

EXIST 15" STORM PIPE TO REMAIN

CONST MODIFIED 1.75' TYPE IV CONCRETE TRAFFIC SEPARATOR (OPTION 1) PER FDOT INDEX 520-020

EXIST CEMETERY ENTRANCE DRIVEWAY TO REMAIN

CONST MODIFIED 1.75' TYPE IV CONCRETE TRAFFIC SEPARATOR (OPTION 1) PER FDOT INDEX 520-020

6" WHITE W/ W/R RPMS @ 20' O.C.

MD/T RPMS DURABLE PAINT - YELLOW

YELLOW TUBULAR MARKER PER FDOT INDEX 711-001

EXIST 18" STORM TO REMAIN

CONST TYPE D CURB

YELLOW TUBULAR MARKER PER FDOT INDEX 711-001

YELLOW TUBULAR MARKER PER FDOT INDEX 711-001

6" DOUBLE YELLOW STRIPING W 18" CHEVRONS AND Y/Y RPMS @ 10' SPACING

EXIST R/W

EXIST. CEMETERY ENTRANCE DRIVEWAY TO REMAIN

MD/T RPMS DURABLE PAINT - YELLOW

MATCH LINE STA 43+00.00

PI STA 42+35.85

44 45 46 47 48 49 50

+88.34 5.94' LT.
+39.30 5.88' LT.
+10.60 5.03' LT.
+70.39 4.98' LT.
+28.43 5.28' LT.
+86.83 5.97' LT.
+86.62 5.98' LT.
+79.58 6.03' LT.
+30.34 4.98' RT.
+45.60 5.01' RT.
+87.42 5.97' LT.
+29.43 5.88' LT.
+79.67 3.98' LT.
+65.18 5.98' LT.
+19.30 3.96' LT.
+28.45 4.09' LT.
+87.20 4.29' LT.
+30.50 5.28' RT.
+77.59 4.05' RT.
+13.45 1.85' LT.
+77.77 5.04' RT.
+79.42 5.97' RT.
+02.15 0.00' LT.
+88.31 6.37' RT.
+49.35 5.93' RT.
+70.18 6.00' RT.
+69.95 5.99' RT.
+20.95 29.97' RT.
+30.95 34.95' RT.
+35.95 29.97' RT.
+35.95 34.95' RT.
+12.02 29.99' RT.
+12.02 35.11' RT.
+96.91 29.98' RT.
+97.02 35.11' RT.
+29.30 5.91' RT.
+57.78 5.04' LT.
+65.00 4.09' LT.
+65.95 6.05' RT.

CONST. TYPE D CURB

6" YELLOW

MD/T RPMS DURABLE PAINT - YELLOW

6" YELLOW

6" WHITE W/ W/R RPMS @ 20' O.C.

MONCRIEF RD

SURVEY

END PROJECT @ SURVEY MONCRIEF RD STA. 49+75.95

EXIST 12" DEAWM TO REMAIN

EXIST R/W

EXIST. 4" CONCRETE TO BE REMOVED AND RESTORED DUE TO DIRECTIONAL DRILL INSTALLATION OF PROPOSED IRRIGATION LINES

6" WHITE W/ W/R RPMS @ 20' O.C.

DIRECTIONAL ARROW PER FDOT INDEX 711-001 (TYP)

MD/T RPMS DURABLE PAINT - YELLOW

EXIST 4" CONCRETE TO BE REMOVED AND RESTORED DUE TO DIRECTIONAL DRILL INSTALLATION OF PROPOSED IRRIGATION LINES

MD/T RPMS DURABLE PAINT - YELLOW

YELLOW TUBULAR MARKER PER FDOT INDEX 711-001

YELLOW TUBULAR MARKER PER FDOT INDEX 711-001

CURVE DATA

PI STA.	=	43+67.52
Δ	=	37°56'20" (RT)
D	=	14°57'27"
T	=	131.67
L	=	253.65
R	=	383.06
PC STA	=	42+35.85
PT STA	=	44+89.50

LEGEND

SEE LANDSCAPE PLANS

INLET PROTECTION SYSTEM

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REVISIONS

REV	DATE	BY	DESCRIPTION

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environmental design and planning
12534 Regular Center Blvd. Suite 302
Hollywood, FL 33026
954 363 1313

SCALE	AS SHOWN
DATE	6/27/2023
DRAWN	REB
CHECKED	RJJ
APPROVED	MMB

PROJECT NO. 8151448.22

ROADWAY PLANS

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

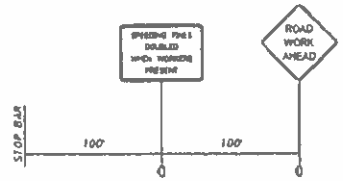
SHEET 40

8

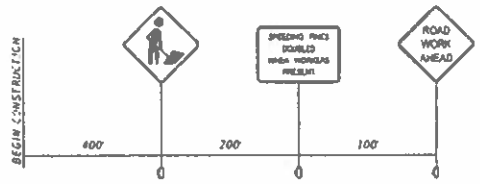
EXHIBIT C 2

GENERAL NOTES:

1. ALL EXISTING PAVEMENT MARKINGS OUTSIDE THE LIMITS OF CONSTRUCTION WHICH ARE ALTERED SHALL BE REPLACED UPON COMPLETION OF THE PROJECT
2. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS. IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC
3. CONTRACTOR SHALL PROVIDE PUBLIC ACCESS TO BUSINESS AND RESIDENTS AT ALL TIMES DURING CONSTRUCTION THROUGH THE USE OF MILLINGS, COMMERCIAL MATERIAL STEEL PLATING OR TEMPORARY BACKFILL AS REQUIRED
4. TEMPORARY CLOSURES OF DRIVEWAYS AND SIDE STREETS TO BE COMPLETED AS REQUIRED
5. THE EXISTING POSTED SPEED LIMIT OF 45 MPH SHALL BE MAINTAINED DURING CONSTRUCTION
6. ANY DROP OFF HAZARD AS DEFINED BY FDOT INDEX 107-600 THAT IS CREATED AND NOT RESTORED IN THE SAME WORK PERIOD SHALL BE SHIELDED PER FDOT INDEX 107 600 SIDEWALK CONSTRUCTION SHALL BE COMPLETED PER FDOT INDEX 107-602
7. ANY REDUCTION OF THE EXISTING FIVE LANES, ON MONCRIEF RD WITH TWO TRAVEL LANES IN EACH DIRECTION. TO A SINGLE TRAVEL LANE IN EACH DIRECTION SHALL PROCEED PER FDOT INDEX 107-600 107-613, AND 107-624
8. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WITH INDEX 107 600 OF THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS LATEST EDITION
9. ALL SIGNING PAVEMENT MARKING BARRICADES AND WARNING LIGHTS NECESSARY FOR MAINTENANCE OF TRAFFIC SHALL CONFORM TO THE CURRENT EDITION OF THE MUTCD AND INDEX 107-600
10. FOR SIDEWALK CLOSURE REQUIREMENTS AND DETAILS SEE FDOT STANDARD PLANS INDEX 102-660
11. THE CONTRACTOR SHALL PROVIDE A WORK ZONE TRAFFIC CONTROL SUPERVISOR CERTIFIED AS AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION CERTIFIED SUPERVISOR. THE INDIVIDUAL WILL BE AVAILABLE AT ALL TIMES DURING CONSTRUCTION AND CONTINUALLY AND ADEQUATELY REVIEW TRAFFIC CONTROL DEVICES TO ENSURE PROPER INSTALLATION AND ANY WORKING ORDER.
12. FOR MAINTENANCE OF TWO-WAY TRAFFIC, LANE WIDTHS SHALL NOT BE LESS THAN 10 FEET WHEN ONE LANE OPERATIONS ARE NECESSARY. A MINIMUM OF 12 FEET UNLESS OTHERWISE SPECIFIED SHALL BE MAINTAINED AND TRAFFIC CONTROLLED IN ACCORDANCE WITH MUTCD.
13. ALL TRAFFIC SIGN MESSAGES SHALL BE MAINTAINED BY UTILIZING THE EXISTING SIGNS NEW SIGNS OR A COMBINATION OF THE ABOVE.
14. POSITIVE DRAINAGE MUST BE MAINTAINED DURING ALL STAGES OF CONSTRUCTION TEMPORARY DRAINAGE SHALL UTILIZE PROPOSED DRAINAGE STRUCTURES TO THE EXTENT POSSIBLE
15. EXISTING SIGNS AND PAVEMENT MARKINGS THAT CONFLICT WITH CONSTRUCTION SIGNING AND MARKINGS SHALL BE OBLITERATED, REMOVE OR COVERED.
16. STREET NAME SIGNS SHALL BE PLACED WHERE THEY ARE CLEARLY VISIBLE DURING CONSTRUCTION AND BUSINESS ACCESS SIGNS SHALL BE PLACED AT ALL BUSINESSES
17. ANY SHIFTS AT SIGNALIZED INTERSECTIONS SHALL BE COORDINATED WITH TRAFFIC SIGNAL HEADS DURING CONSTRUCTION TRAFFIC SIGNAL HEADS SHALL REMAIN IN OPERATION AT ALL TIMES CONTACT CITY OF JACKSONVILLE TRAFFIC ENGINEERING DIVISION AT 904 255 7546 48 HOURS PRIOR TO WORKING NEAR ANY SIGNALIZED INTERSECTION
18. NOTIFY THE TRAFFIC ENGINEERING DIVISION (755-7532) A MINIMUM OF 5 WORKING DAYS PRIOR TO IMPLEMENTATION OF MOT
19. THE PROJECT WORK HOURS SHALL BE BETWEEN 07 00 AM TO 07 00 PM ON RESIDENTIAL STREETS AND 09 00 AM TO 04 00 PM ON COLLECTOR OR ARTERIAL STREETS THERE SHALL BE NO LANE CLOSURES BETWEEN 07 00 AM TO 09 00 AM AND BETWEEN 04 00 PM TO 07 00 PM ON WEEKDAYS
20. THE CONTRACTOR SHALL CONFIRM THAT EXISTING SIGNAGE WILL NOT POSE A CONFLICT FOR WORK ZONE TRAFFIC CONTROL THE CONTRACTOR SHALL COVER OR REMOVE ALL SIGNING IN CONFLICT WITH THE TRAFFIC CONTROL DURING CONSTRUCTION OPERATIONS
21. ACCESS TO SIDE STREETS PRIVATE AND COMMERCIAL DRIVEWAYS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION



SIDE STREET ADVANCE WARNING SIGNS



MONCRIEF ROAD ADVANCE WARNING SIGNS

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REVISIONS

REV	DATE	BY	DESCRIPTION

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32579 Flagler Center Blvd. Suite 202
Jacksonville, FL 32258
904 363 3148

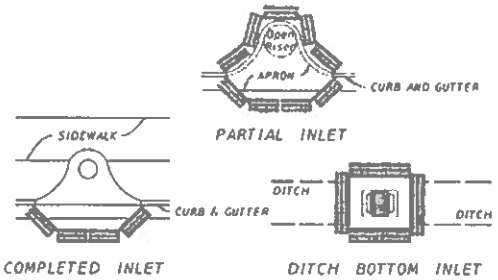
SCALE	AS SHOWN
DATE	6/22/2023
DRAWN	REB
CHECKED	RFJ
APPROVED	MHB

TRAFFIC CONTROL PLANS

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

SHEET 9

EXHIBIT C 2

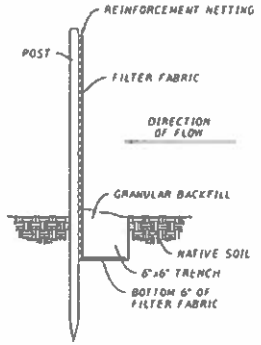


NOTES

1 ANCHOR SYNTHETIC BALES WITH 2 - 2" X 2" X 4' STAKES PER BALE.

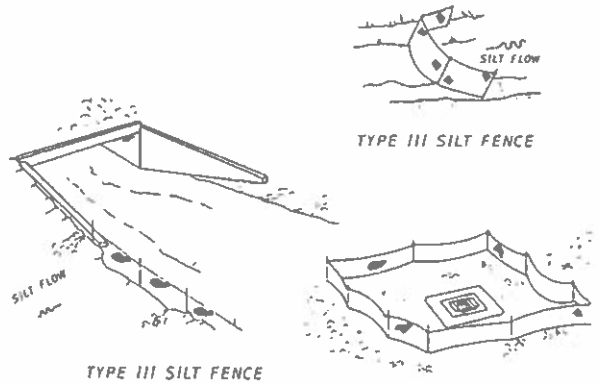
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

SCALE NTS



SILT BARRIER DETAIL

SCALE NTS

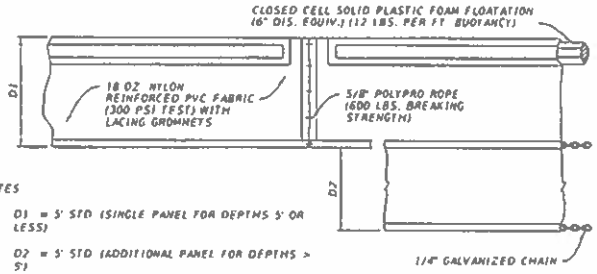


NOTES:

1 DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

SILT FENCE APPLICATIONS

SCALE NTS



NOTES

1 D1 = 5' STD (SINGLE PANEL FOR DEPTHS 5' OR LESS)

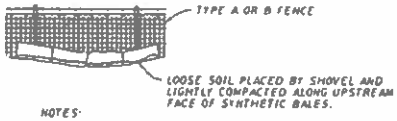
2 D2 = 5' STD (ADDITIONAL PANEL FOR DEPTHS > 5')

3. CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS OTHERWISE SPECIFIED IN THE CONSTRUCTION PLANS OR AS DIRECTED BY THE ENGINEER

4 USE TURBIDITY BARRIER AS APPLICABLE TO FIELD WORK

TURBIDITY BARRIER

SCALE: NTS

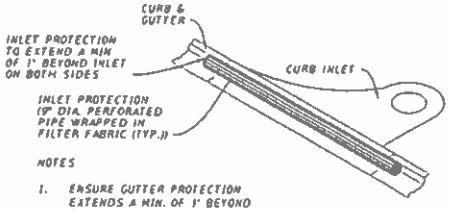


NOTES:

1 SYNTHETIC BALES TO BE STAKED AT THE DIRECTION OF THE ENGINEER

SYNTHETIC BALES BACKED BY FENCE

SCALE NTS



NOTES

1. ENSURE GUTTER PROTECTION EXTENDS A MIN. OF 1' BEYOND CURB INLET

INLET PROTECTION

SCALE NTS

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REV	DATE	BY	DESCRIPTION

gai consultants
environmental engineers and scientists
12574 Flagler Center Blvd. Suite 202
Jacksonville, FL 32258
904 363 1130

HRZ	AS SHOWN
DATE	6/27/2023
DRWN	REB
CHECKED	RTJ
APPROVED	

EROSION CONTROL DETAIL SHEET

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

SHEET 10

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EROSION AND SEDIMENTATION CONTROL NOTES

1. THE CONTRACTOR MUST IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ON-SITE AND TO PREVENT VIOLATIONS OF THE WATER QUALITY CRITERIA AND STANDARDS IN CHAPTERS 62-4, 62-302, F.A.C. ALL EROSION/SEDIMENT CONTROL PRACTICES MUST BE IN ACCORDANCE WITH THE GUIDELINES AND SPECIFICATIONS IN SECTION 6 OF THE FLORIDA LAND DEVELOPMENT MANUAL A GUIDE TO SOUND LAND AND WATER MANAGEMENT (FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION 1988) AS WELL AS THE CITY OF JACKSONVILLE STANDARDS, UNLESS A PROJECT SPECIFIC EROSION AND SEDIMENT CONTROL PLAN IS APPROVED BY THE WATER MANAGEMENT DISTRICT IN WHICH CASE THE PRACTICES MUST BE IN ACCORDANCE WITH THE PLAN. IF SITE SPECIFIC CONDITIONS REQUIRE ADDITIONAL MEASURES DURING ANY PHASE OF CONSTRUCTION OR OPERATION TO PREVENT EROSION OR CONTROL SEDIMENT THE CONTRACTOR MUST IMPLEMENT THE NECESSARY ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES

2. STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED BUT IN NO CASE MORE THAN 14-DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED

3. THE LOCATION AND TYPE OF THE EROSION CONTROL MEASURES SHOWN ON THESE DRAWINGS ARE PROVIDED FOR GENERAL GUIDANCE. THE CONTRACTOR THE METHODS AND SEQUENCING OF CONSTRUCTION EMPLOYED BY THE CONTRACTOR MAY REQUIRE MORE OR LESS EROSION CONTROL MEASURES THAN THAT DEPICTED TO MAINTAIN ADEQUATE EROSION AND SEDIMENT CONTROL FOR THE CONSTRUCTION ACTIVITIES

4. EROSION/TURBIDITY BARRIERS MUST BE INSTALLED AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SEDIMENT OR SUSPENDED SOLIDS TO ADJACENT PROPERTIES, JURISDICTIONAL WETLANDS AND/OR RECEIVING WATER BODIES EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST REMAIN IN PLACE AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND SOILS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED. THEREAFTER THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF THE BARRIERS. THE CONTRACTOR SHALL MAINTAIN THE EROSION/TURBIDITY CONTROL BARRIERS DAILY. THE CONTRACTOR IS TOTALLY RESPONSIBLE FOR PROVIDING THE NECESSARY EROSION/TURBIDITY CONTROL FOR THIS PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY PENALTIES IMPOSED BY THE PERMITTING AGENCIES FOR ANY EROSION, SHOALING, OR WATER QUALITY PROBLEMS RESULTANT TO CONSTRUCTION ACTIVITIES

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTION OF ANY EROSION, SEDIMENTATION, SHOALING OR WATER QUALITY PROBLEMS THAT RESULT FROM THE CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL USE APPROPRIATE BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL AS DESCRIBED IN THE FLORIDA LAND DEVELOPMENT MANUAL A GUIDE TO SOUND LAND AND WATER MANAGEMENT (DEP 1988) AND/OR ACCORDING TO FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS FOR EROSION CONTROL APPLICATIONS AND ACCORDING TO THE CITY OF JACKSONVILLE STANDARDS AND THE FLORIDA STORMWATER, EROSION AND SEDIMENTATION CONTROL INSPECTORS HANDBOOK

6. MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO INSURE THAT SEDIMENTATION AND/OR TURBIDITY PROBLEMS ARE NOT CREATED IN THE RECEIVING WATER

7. CONTRACTOR SHALL MAKE PROVISIONS TO AVOID TRACKING DIRT AND CONSTRUCTION DEBRIS TO THE ROADWAY VIA TRUCK AND EQUIPMENT TIRES

8. SILT FENCE SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH CITY OF JACKSONVILLE, AND FDOT STANDARDS AND SPECIFICATIONS AND THE CONTRACT DRAWINGS

9. CONTRACTOR SHALL REPLACE CLOGGED SECTIONS OF SILT FENCES AND PERFORATED PIPE WITH FABRIC SOCK AS NECESSARY TO MAINTAIN WATER PASSAGE

10. CONTRACTOR SHALL PROVIDE SEDIMENT CONTROL DURING INSTALLATION OF NEW CURBING AND DRIVEWAYS AS APPROVED BY THE ENGINEER

11. CONTRACTOR SHALL TAKE CARE TO KEEP EXPOSED AREAS TO A MINIMUM POSSIBLE TIME DURING CONSTRUCTION.

12. ON-SITE CONTROL MEASURES SHALL BE APPLIED TO REDUCE EROSION AS SHOWN ON THE PLANS, DETAIL SHEETS AND IN ACCORDANCE WITH FDOT, FDEP AND THE CITY OF JACKSONVILLE REGULATIONS FOR EROSION CONTROL MEASURES. STOCKPILING AND STORAGE OF MATERIALS SHOULD NOT BE LOCATED IN A MANNER TO IMPEDE FLOW OR CAUSE MATERIALS TO BE ERODED BY STORMWATER RUNOFF.

13. ALL TEMPORARY SEDIMENTATION CONTROL STRUCTURES AND MEASURES TO BE USED DURING CONSTRUCTION SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITY AND SHALL BE MAINTAINED IN AN EFFECTIVE CONDITION UNTIL SUCH TIME AS THE COMPLETION OF THE PERMANENT SYSTEM OR OTHER EROSION CONTROL MEASURES CAN ASSURE ADEQUATE EROSION AND SEDIMENT CONTROL

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12976 Hagen Center Blvd, Suite 200
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904 363 1190

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DATE: 6/27/2023
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APPROVED:

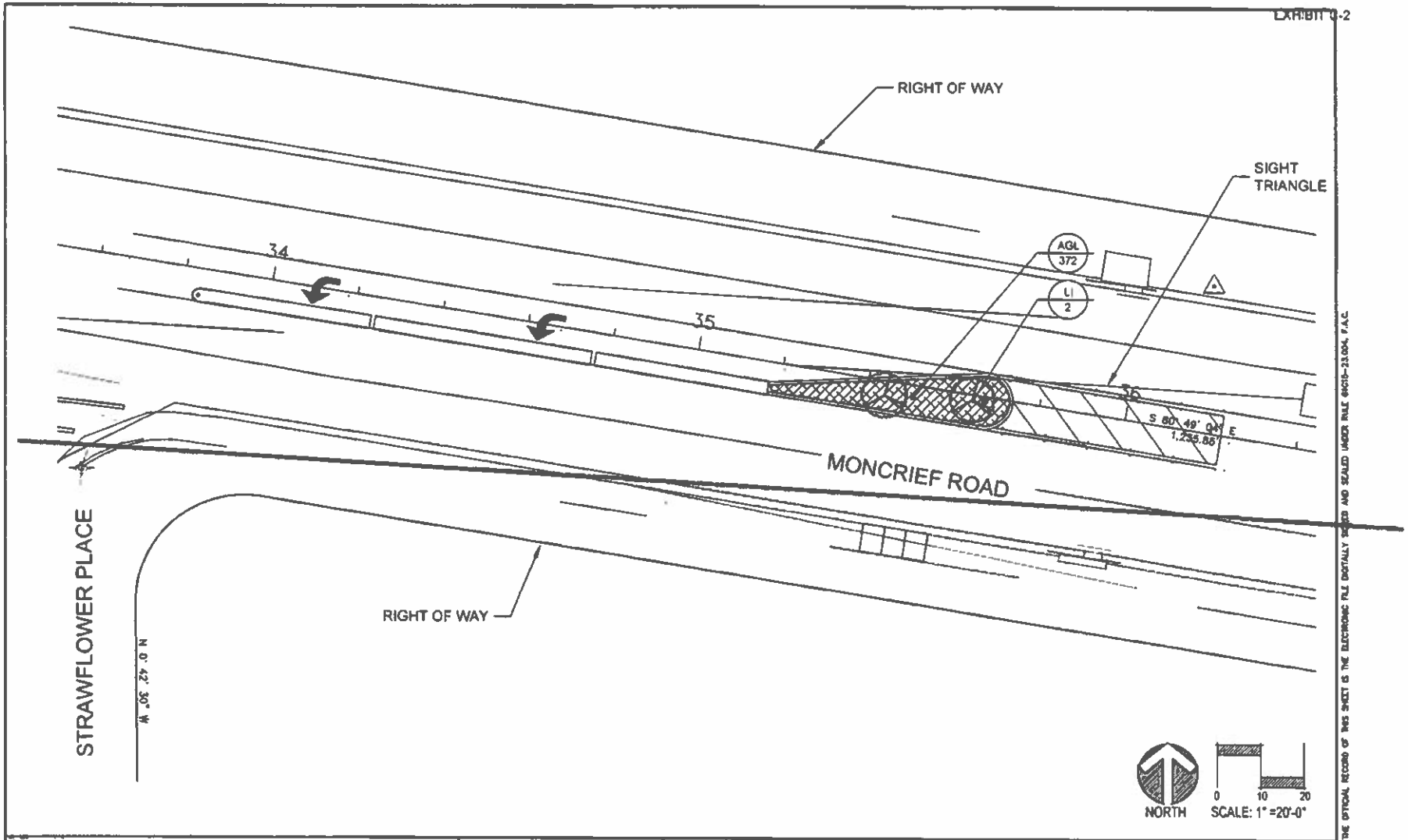
CONTRACT NO. GAI NO.: B1314.48.44

EROSION CONTROL GENERAL NOTES

HISTORIC CEMETERY
ENTRANCE IMPROVEMENTS

SHEET NO. 11

EXHIBIT 0-2



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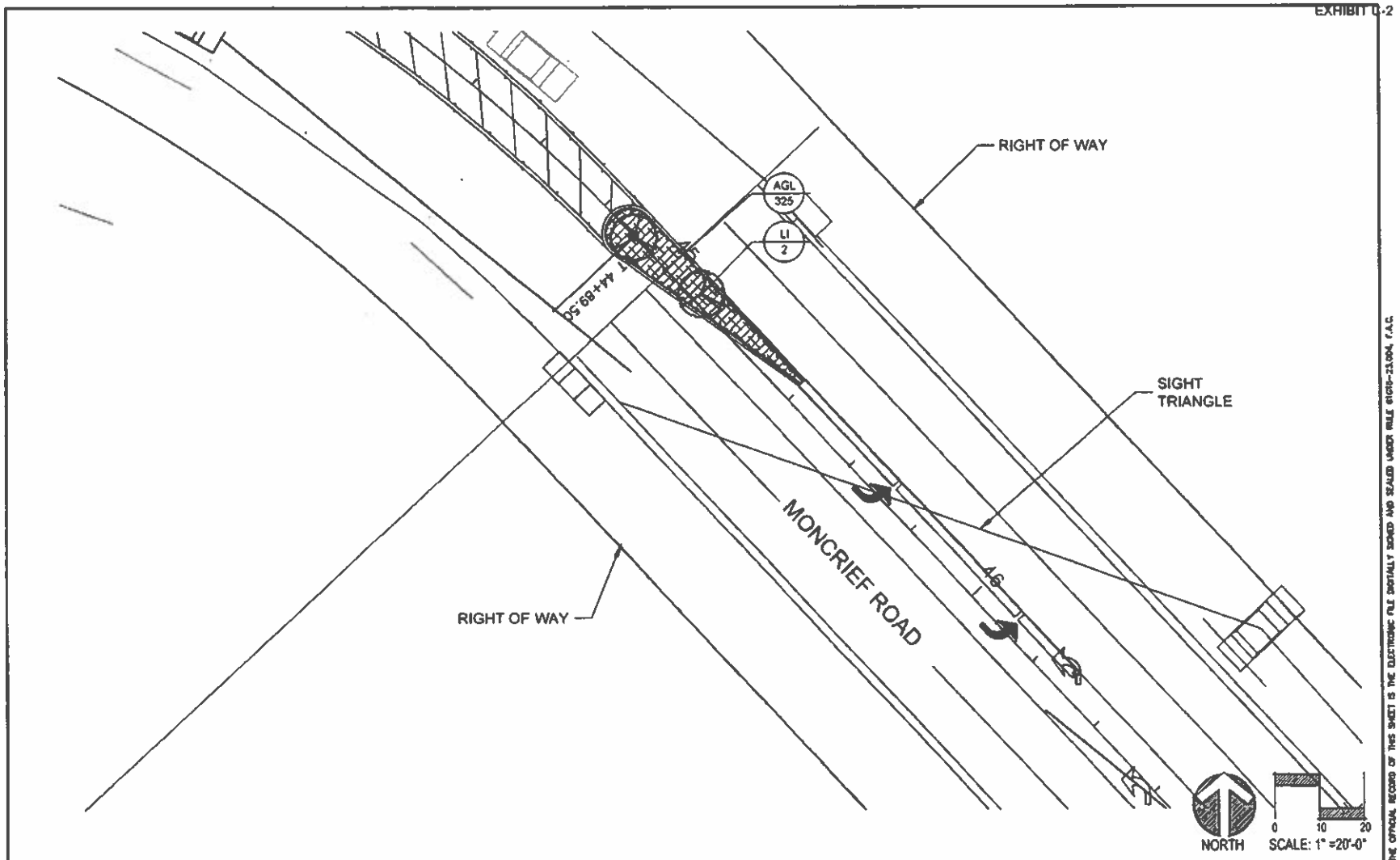
Certificate of Authorization 00001

	AS NOTED	LANDSCAPE PLAN	SHEET NO.
	0181448.44	HISTORIC CEMETERY ENTRANCE IMPROVEMENTS	L-100

EXHIBIT D-2



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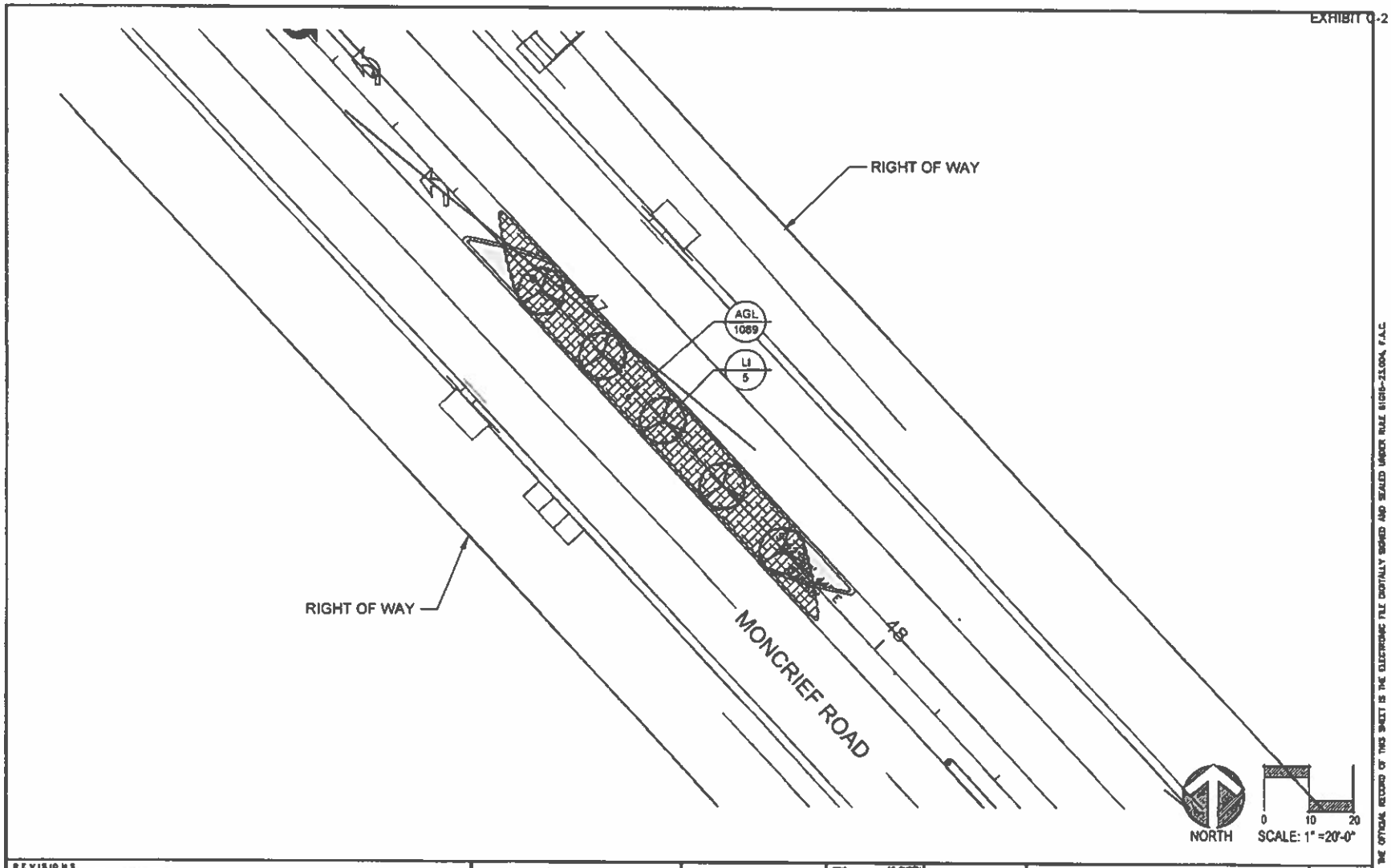
AS SHOWN

LANDSCAPE PLAN

HISTORIC CEMETERY
ENTRANCE IMPROVEMENTS

SHEET NO.
L-101

EXHIBIT C-2



REVISIONS

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LANDSCAPE PLAN

HISTORIC CEMETERY
ENTRANCE IMPROVEMENTS

SHEET NO.
L-102

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PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE	SPACING	REMARKS
TREES & PALMS						
LI	9	Lagerstromia indica	Crape Myrtle	8' Ht x 45" Sprd	A.S.	45 Gal, Multi-trunk, 2" DBH, 3 stem min, Full Even Head
GROUNDCOVER						
AGL	1,786 sf	Arachis glabrata	Ecoturf	Sod Form		Quantity per S.F.

LANDSCAPE NOTES:

1. In the event of variation between the quantities shown on the plant list and the plans, the plans shall control. Sod & Mulch quantity take-offs are the responsibility of the landscape contractor.
2. No plant material substitutions shall be permitted or will be accepted without the written consent of the Landscape Architect.
3. All plantings shall be backfilled with the best of the on-site soil.
4. The landscape contractor is responsible for the immediate repair, at his/her own expense, to any on-site utilities damaged by these landscape construction operations.
5. It is the responsibility of the landscape contractor to prevent plants from falling or being blown over. The landscape contractor shall straighten, repair, and/or replace any plants damaged by a failure to properly stake or guy any trees on-site, at his/her own expense. The landscape contractor shall not be responsible for any trees blown over or damaged by winds in excess of 50 miles per hour.
6. Unless otherwise stated on these plans, the landscape contractor shall only be responsible for fine grading of the planting and sodding areas. Fine grading is described as the final .10 of grade to be achieved.
7. The landscape contractor shall assure that this work does not interrupt existing or projected drainage patterns.
8. All sod must be placed with staggered joints, tightly butted, with no gaps or overlapping pieces. All sod shall be rolled.
9. All planting beds shall be top dressed with 3" of pine bark nugget mulch.
10. The landscape contractor shall remove his/her excess waste material from the project site on a daily basis.
11. Maintenance shall be the responsibility of the landscape contractor until such time as final acceptance of the project has been granted by the Landscape Architect. Maintenance shall include watering, mulching, weeding, pruning, replacement of dead and dying plants, cutting sod and any other operation necessary for the proper care of these plants.
12. All trees, shrubs, ground covers and sod shall be guaranteed for one year from date of substantial completion of this project. Replacement of material shall be guaranteed for an additional one year.
13. The landscape contractor shall not be responsible to honor any warranty for the loss of any trees, shrubs, ground covers, or sod caused by flooding, fire, freezing temperatures, winds over 50 miles per hour, lightning or any other natural disaster. The landscape contractor is also not responsible for any damage caused by vandalism or negligence on the part of the owner.
14. All plant material shall be Florida Number 1 or better in quality as described in Florida Grades and Standards for Nursery Plants, Florida Department of Agriculture.
15. The Landscape Architect shall have the right, at any time during these operations to reject any and all plant material and workmanship which in his/her opinion does not meet the requirements of these specifications.

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LANDSCAPE PLAN	SHEET NO.	
HISTORIC CEMETERY ENTRANCE IMPROVEMENTS	L-103	

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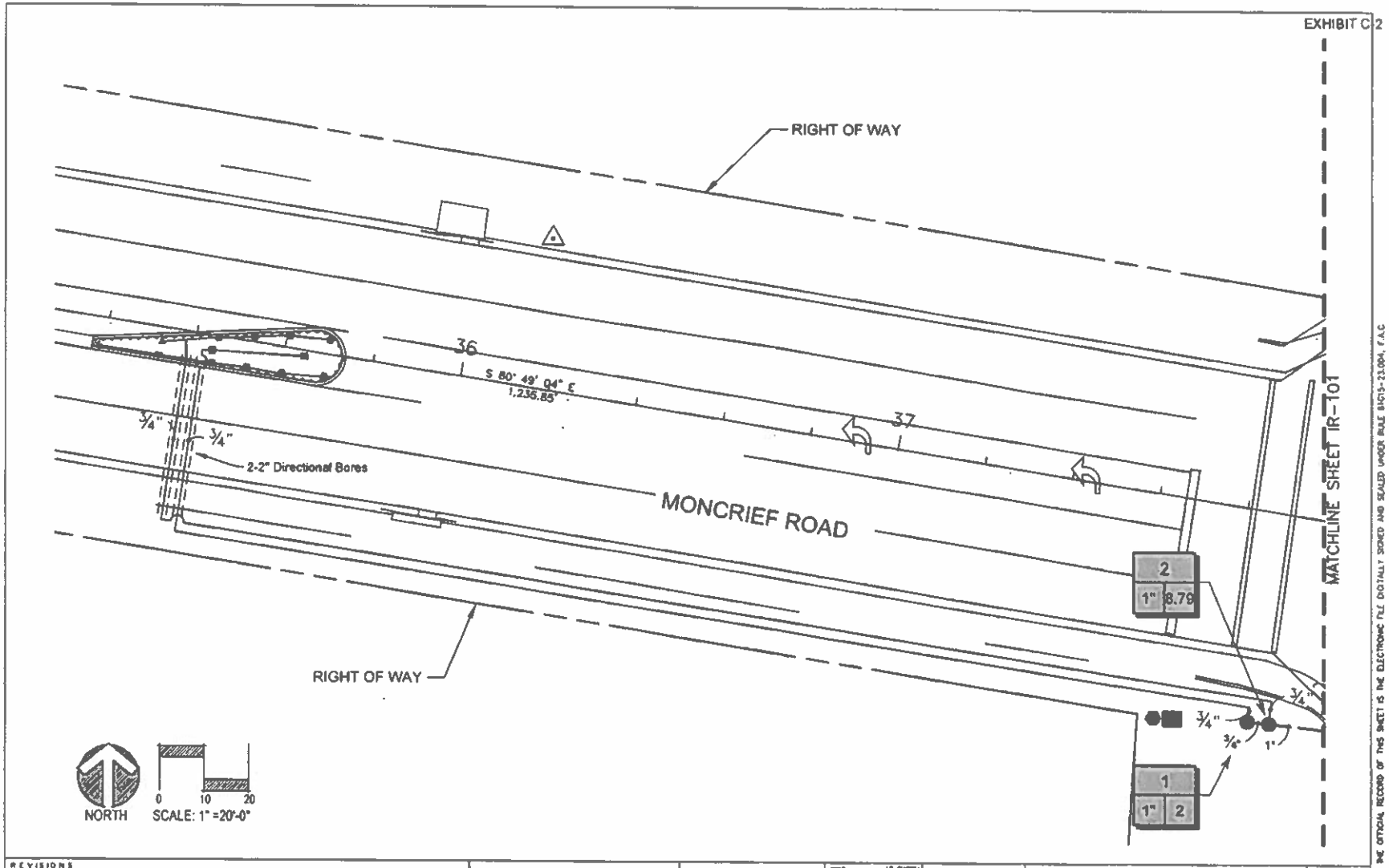

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SCALE AS SHOWN	015144B.44	IRRIGATION PLAN	SHEET NO.
		HISTORIC CEMETERY ENTRANCE IMPROVEMENTS	IR-100

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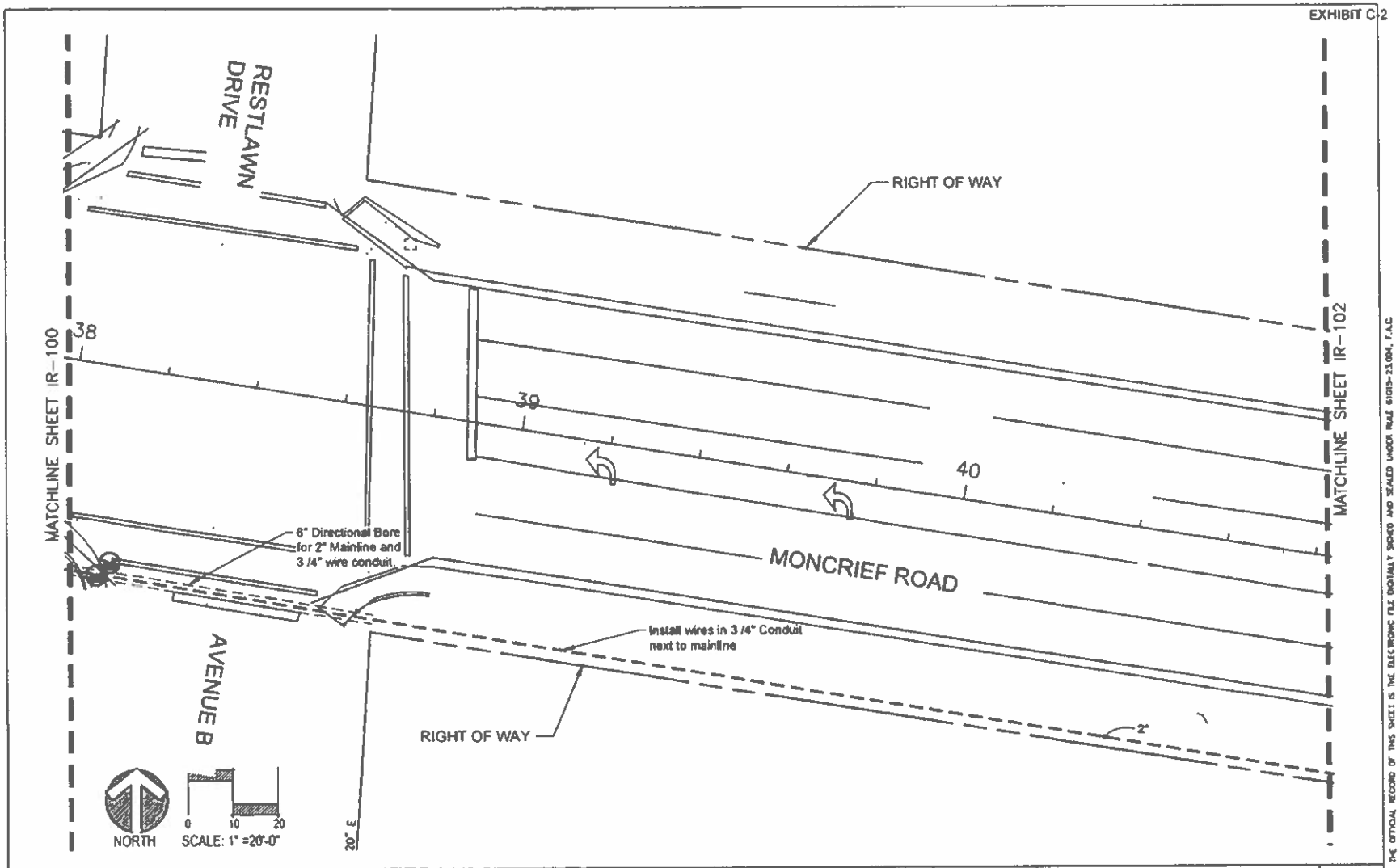

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		HISTORIC CEMETERY ENTRANCE IMPROVEMENTS	IR-101

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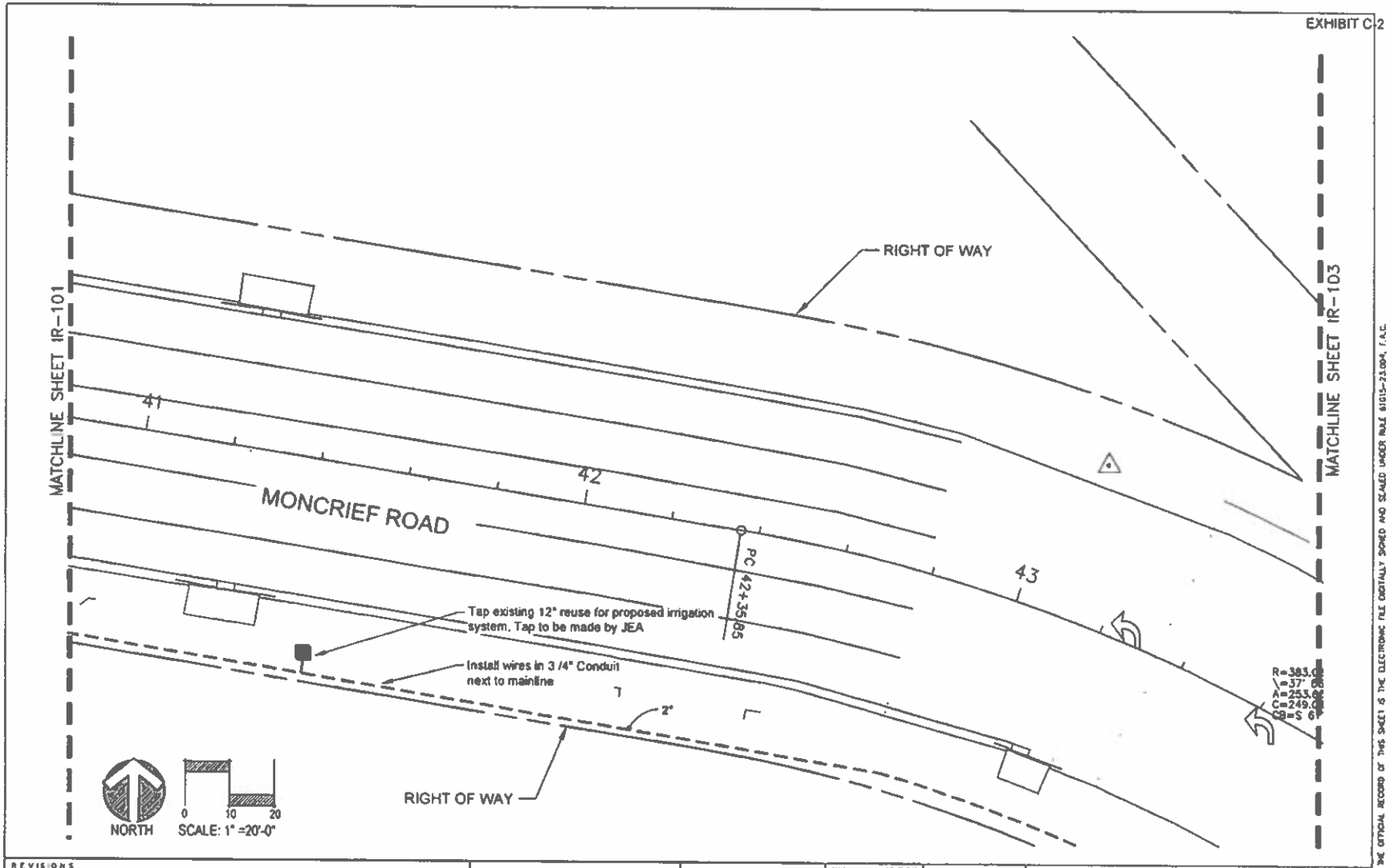

REVISIONS			
REV	DATE	BY	DESCRIPTION

gai consultants
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32574 Hogan Center Blvd. Suite 202
Jacksonville FL 32256
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Certificate of Authorization # 8991

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PROJECT NO. / DWG NO.
015144B.04

IRRIGATION PLAN

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

SHEET NO.
IR-102

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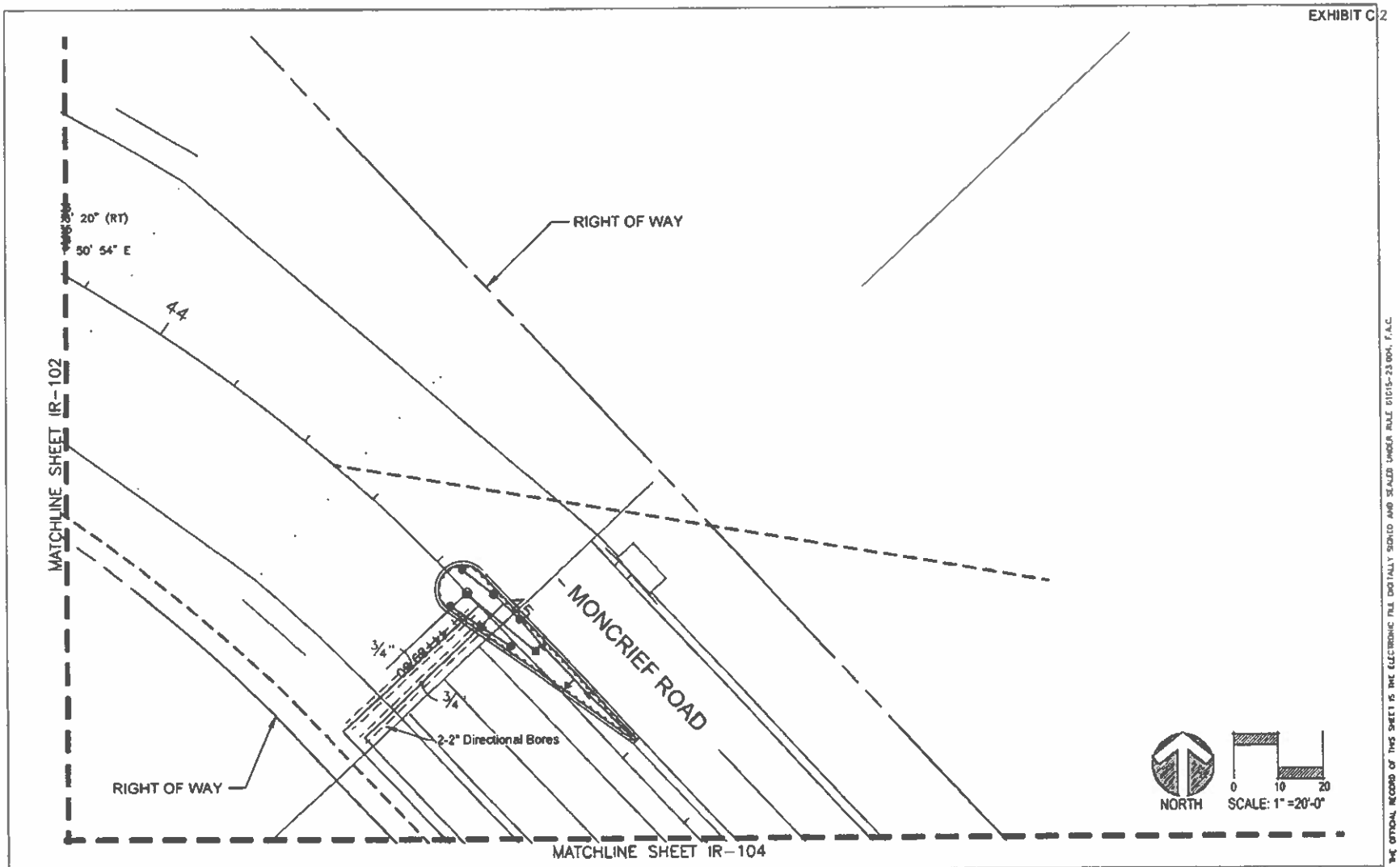

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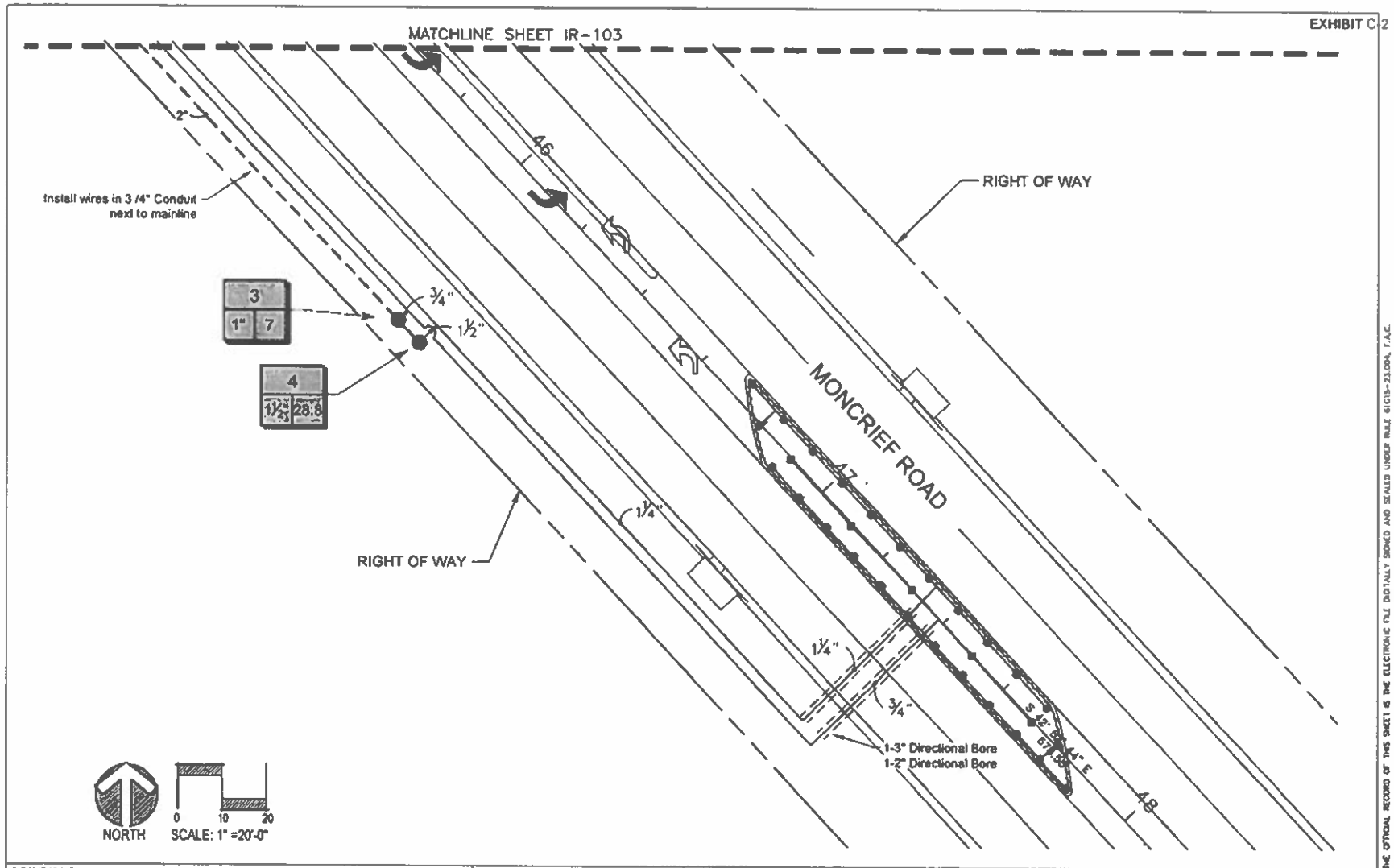
015148.44

IRRIGATION PLAN

HISTORIC CEMETERY
ENTRANCE IMPROVEMENTS

SHEET NO.
IR-103

EXHIBIT C-2



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904 363 1110
Certificate of Authorization (8991)

NORM E. PERRY, RLA
No. LA 1330

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IRRIGATION PLAN

HISTORIC CEMETERY
ENTRANCE IMPROVEMENTS

SHEET NO.
IR-104

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EXHIBIT C-2

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
CST LCS RCS CST SST	Rain Bird 1812 15 Strip Series Shrub Spray 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	7	30
Q T H F	Rain Bird 1812 8 Series MPR Shrub Spray 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	8	30
Q T H F	Rain Bird 1812 10 Series MPR Shrub Spray 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	22	30
12 15 18	Rain Bird 1812 ADJ Shrub Spray 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet.	9	30
1401 1402 1404 1408	Rain Bird 1800-1400 Flood Fixed flow rate 0.25 GPM - 2.0 GPM, full circle bubbler, 1/2in. FIPT.	9	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Rain Bird PEB 1in., 1-1/2in., 2in. Plastic Industrial Valves. Low Flow Operating Capability. Globe Configuration.	4	
	Hunter I2C-0800-PL 8 Station Outdoor Modular Controller. No Module Required. Commercial Use. Plastic Cabinet.	1	
	Hunter WRF-CLIK Rain/freeze Sensor, install within 1000 ft of controller, in line of sight. 22-28 VAC/VDC 100 mA power from timer transformer. Mount as noted. Includes Gutter Mount.	1	
	Water Meter 1-1/2" Potable Meter with Backflow	1	
	Irrigation Lateral Line: PVC Class 200 SDR 21	1,752 l.f.	
	Irrigation Mainline: PVC Schedule 40	796.1 l.f.	
	Pipe Sleeve: HDPE Directional Bore	285.9 l.f.	

Valve Callout

Valve Number

Valve Flow

Valve Size

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	Rain Bird PEB	1"	Bubbler	2	23.4	32.2	32.3	3.4 in/h
2	Rain Bird PEB	1"	Shrub Spray	8.79	23.4	44.2	44.5	1.83 in/h
3	Rain Bird PEB	1"	Bubbler	7	807.7	34.5	35.0	3.4 in/h
4	Rain Bird PEB	1-1/2"	Shrub Spray	28.8	814.6	40.6	47.9	1.66 in/h
	Common Wire				796.1			

WATERING SCHEDULE

NUMBER	MODEL	TYPE	PRECIP	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
1	Rain Bird PEB	Bubbler	3.4 in/h	1	18	36	
2	Rain Bird PEB	Shrub Spray	1.83 in/h	1	33	290	
3	Rain Bird PEB	Bubbler	3.4 in/h	1	18	126	
4	Rain Bird PEB	Shrub Spray	1.66 in/h	1	37	1,066	
		TOTALS			106	1,518	

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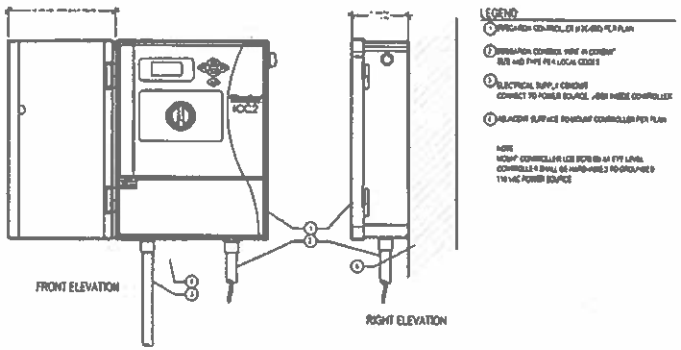
PROJECT NO. / DWG NO.: 8151448.44

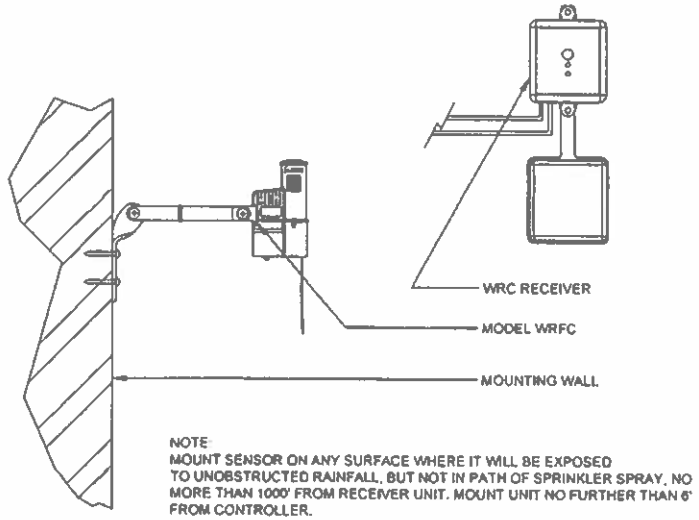
IRRIGATION PLAN

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

SHEET NO.: IR-105



1 HUNTER ICC-2 CONTROLLER



2 WIRELESS RAIN/FREEZE-CLIK

FX-IR-HUNT-SENS-18

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		HISTORIC CEMETERY ENTRANCE IMPROVEMENTS	IR-106

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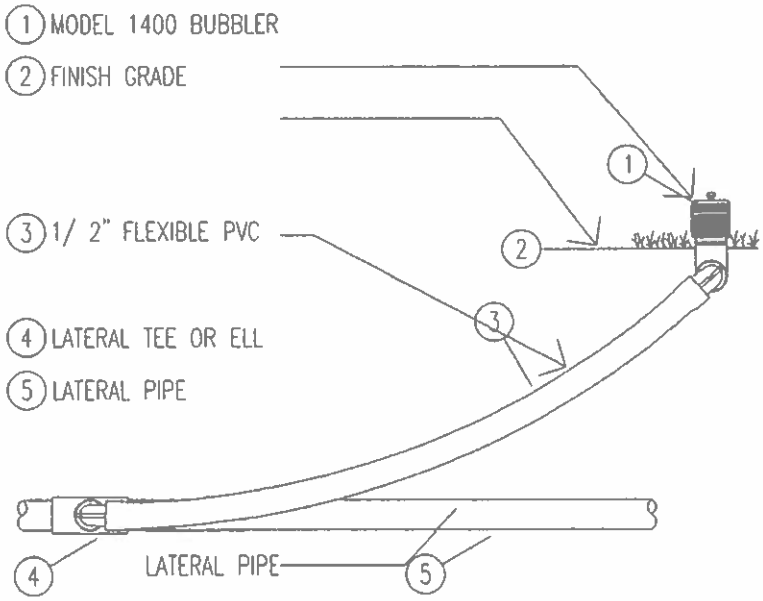
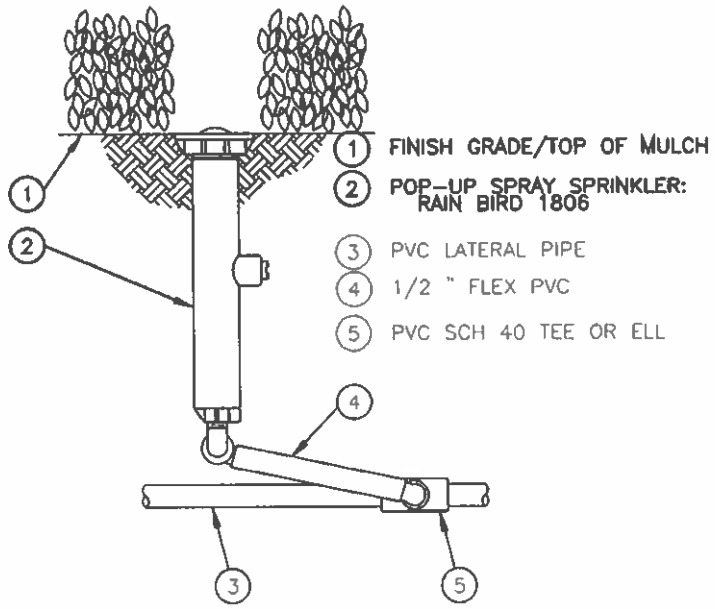


3 RAINBIRD 1400 BUBBLER

NTS

P-RE-RAI-12



4 RAINBIRD 1806

1" = 1"

P-RE-RAI-02

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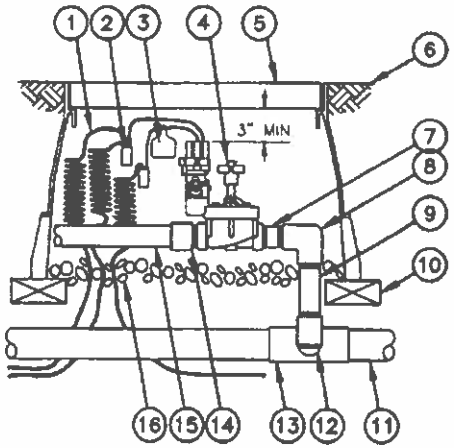
IRRIGATION PLAN			SHEET NO.
HISTORIC CEMETERY ENTRANCE IMPROVEMENTS			IR-107

EXHIBIT C-2



1. 30-INCH LINEAR LENGTH OF WIRE, COILED
2. WATERPROOF CONNECTION RAIN BIRD SPLICE-1 (1 OF 2)
3. ID TAG: RAIN BIRD VID SERIES
4. REMOTE CONTROL VALVE: RAIN BIRD PESB-PRS-D WITH NP-HAN
5. VALVE BOX WITH COVER: RAIN BIRD VB-STD
6. FINISH GRADE/TOP OF MULCH
7. PVC SCH 80 NIPPLE (CLOSE)
8. PVC SCH 40 ELL
9. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
10. BRICK (1 OF 4)
11. PVC MAINLINE PIPE
12. SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND SCH 40 ELL
13. PVC SCH 40 TEE OR ELL
14. PVC SCH 40 MALE ADAPTER
15. PVC LATERAL PIPE
16. 3.0-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL

5 RAINBIRD PEB

NTS

P-RE-RA

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RUTH E. MURRAY, PLA
No. LA 1530
Lic.

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DRN
DESIGN
CHECKED
APPROVED

PROJECT NO. / DWG NO. 0151448.44

IRRIGATION PLAN

HISTORIC CEMETERY ENTRANCE IMPROVEMENTS

SHEET NO. IR-108

SUBJECT: DESIGN-BUILD SERVICES FOR HORIZONTAL/CIVIL ENGINEERING (HORIZONTAL) DESIGN-BUILD PROJECTS

BID # CDB-0132-21 **OPEN DATE: 2021-08-04**

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION – DESIGN/BUILD- PRE-QUALIFICATIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 **NUMBER RECEIVED: 4** **OTHER: 0**

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval to amend the award to J.B. Coxwell Contracting, Inc, to incorporate the attached scope and Fee Summary, Exhibit C-1 for Historic Cemetery Entrance Improvements Amendment 1A by approving an increase in the amount $116,658.56 to allow for the completion of the work within 120 days from notice to proceed.

FUNDING SOURCE: 32111.153101.565031.010250.00000000.00000.0000000 To be executed by formal contract through the Office of General Counsel using the negotiated contract rate schedule.

ATTACHMENTS: Recommendation Memo, Exhibit C-1, Previous Awards

ANALYST: JACLYN STAMOS

RESPECTFULLY SUBMITTED: GREGORY PEASE, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: Robin G. Smith, P.E., Chief, Engineering and Construction Management

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(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING 0 DATE: 5/12/2022

OTHER

ACTION OF AWARDING AUTHORITY DATE 5-13-2022

APPROVED ✓ DISAPPROVED:

OTHER:

SIGNATURE OF AUTHENTICATION

Brian Hughes
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of
Executive Order No. 2019-02

SUBJECT: DESIGN-BUILD SERVICES FOR HORIZONTAL/CIVIL ENGINEERING (HORIZONTAL) DESIGN-BUILD PROJECTS

BID # CDB-0132-21

OPEN DATE: 2021-08-04

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION – DESIGN/BUILD- PRE-QUALIFICATIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 4 OTHER: 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The City had previously issued this RFQ and the evaluation committee has evaluated proposals. Subsequently, presentations were conducted and evaluated on November 17, 2021. Based upon the combination of proposal and presentation evaluations, scores and rankings are as follows (Listed in alphabetical order):

3) Baker Consulting and Engineering, LLC, d/b/a Baker Design Build – 119.00
1) J.B. Coxwell Contracting, Inc. – 127.25
2) Superior Construction Co., Inc. – 119.75

Recommend approval of award to J.B. Coxwell Contracting, Inc., as receiving the highest score in accordance with the evaluation and ranking above. The period of service will be five (5) years from the effective date of the contract with funding not-to-exceed $8,000,000.00 annually with carryover for any unused portion. To be executed by formal contract through the Office of General Counsel using the negotiated contract rate schedule.

ATTACHMENTS: Recommendation Memo, Scoring Matrix, Section 2.6, Attachment B- Evaluation Criteria, JSEB Memo, Previous Award

ANALYST: BRYAN MATUS

RESPECTFULLY SUBMITTED: GREGORY PEASE, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: Robin G. Smith, P.E., Chief, Engineering and Construction Management

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING 0 DATE: 4/21/2022

OTHER

ACTION OF AWARDING AUTHORITY DATE 4/21/2022

APPROVED ✓ DISAPPROVED:

OTHER:

SIGNATURE OF AUTHENTICATION

Brian Hughes
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of
Executive Order No. 2019-02

SUBJECT: DESIGN-BUILD SERVICES FOR HORIZONTAL/CIVIL ENGINEERING (HORIZONTAL) DESIGN-BUILD PROJECTS

BID # CDB-0132-21

OPEN DATE: 2021-08-04

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION – DESIGN/BUILD- PRE-QUALIFICATIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 4 OTHER: 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The City had previously issued this RFQ and the evaluation committee has evaluated proposals. Subsequently, presentations were conducted and evaluated on November 4, 2021. Based upon the combination of proposal and presentation evaluations, scores and rankings are as follows (Listed in alphabetical order):

3) Baker Consulting and Engineering, LLC, d/b/a Baker Design Build – 119.00
1) J.B. Coxwell Contracting, Inc. – 127.25
2) Superior Construction Co., Inc. – 119.75

Recommend approval to enter negotiations with J.B. Coxwell Contracting, Inc., as receiving the highest score in accordance with the evaluation and raking above.

ATTACHMENTS: Recommendation Memo, Scoring Matrix, Section 2 6, Attachment B- Evaluation Criteria

ANALYST: BRYAN MATUS

RESPECTFULLY SUBMITTED: GREGORY PEASE CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: Robin G. Smith, P.E., Chief, Engineering and Construction Management

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING 0 DATE 1/13/2022

OTHER

ACTION OF AWARDING AUTHORITY DATE 1-18-22

APPROVED ✓ DISAPPROVED:

OTHER:

SIGNATURE OF AUTHENTICATION

Brian Hughes
Chief Administrative Officer
~~For Mayor Lenny Curry~~
Under Authority of
Executive Order No. 2019-02

SUBJECT: DESIGN-BUILD SERVICES FOR HORIZONTAL/CIVIL ENGINEERING (HORIZONTAL) DESIGN-BUILD PROJECTS

BID # CDB-0132-21

OPEN DATE: 2021-08-04

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION – DESIGN/BUILD- PRE-QUALIFICATIONS

AGENCY: PUBLIC WORKS

BASIS OF AWARD: EVALUATION CRITERIA

NUMBER OF BIDS INVITED: 5 NUMBER RECEIVED: 4 OTHER: 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The City of Jacksonville received four (4) proposals and all have been reviewed and ranked Based on the average score the following firms were determined to be the most qualified of those submitting qualifications The ranking of first, second and third designates the order of qualification of these firms to perform the required services Alphabetica' y they are

3) Baker Consulting and Engineering LLC, d/b/a Baker Design Build – 89 00
1) J.B. Coxwell Contracting, Inc. – 97 25
2) Superior Construction Co , Inc – 90 75

Pursuant to Section 2.6- Award of Contract of RFP, recommend approval to move forward with presentation/interviews before CSPEC at a future scheduled meeting

ATTACHMENTS: Recommendation Memo, Scoring Matrix Section 2 6, Attachment B Evaluation Criteria

ANALYST: BRYAN MATUS

RESPECTFULLY SUBMITTED: GREGORY PEASE, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: Robin G. Smith, P.E., Chief, Engineering and Construction Management

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING 0 DATE: 10/14/2021

OTHER

ACTION OF AWARDING AUTHORITY DATE 10-18-21

APPROVED ✓ DISAPPROVED:

OTHER:

SIGNATURE OF AUTHENTICATION

Brian Hughes
Chief Administrative Officer
For Mayor Lenny Curry
Under Authority of
Executive Order No 2019-02