

**INVITATION TO BID
BID #24-25-09**

**CITY OF GREENVILLE
PUBLIC WORKS DEPARTMENT
BUILDINGS AND GROUNDS DIVISION
CITY HALL EXTERIOR LIGHTING
City of Greenville, North Carolina**



Find yourself in good company

Pre-Bid Meeting: **Tuesday, September 10, 2024, at 10:00 am**
City Hall Room 337
200 W. Fifth Street, Greenville, NC

Bid Due Date: **Thursday, September 26, 2024, at 2:00 pm**
Public Works Administrative Offices
1500 Beatty Street, Greenville, NC

Contact Persons:

Questions regarding the bid package:

Wanda House
Financial Services Manager
Telephone: 252-329-4862
Fax: 252-329-4464
Email: whouse@greenvillenc.gov

Questions regarding the specifications:

Michael Turner
Building Facilities Coordinator
Telephone: 252-329-4921
Fax: 252-329-4844
Email: mturner@greenvillenc.gov

**CITY OF GREENVILLE
ADVERTISEMENT FOR BIDS
"CITY OF GREENVILLE PUBLIC WORKS DEPARTMENT
BUILDINGS AND GROUNDS DIVISION
CITY HALL EXTERIOR LIGHTING"**

The City of Greenville, NC is requesting bids for "Public Works Department City Hall Exterior Lighting". The scope of work will include installation of up lights, down lights and all necessary wiring, circuitry and accessories per scope of work, specifications, and drawings per Attachment "B".

Sealed bids will be received by the City of Greenville until Thursday, September 26, 2024, at 2:00 pm at the Public Works Department Administrative offices located at 1500 Beatty Street, Greenville, NC 27835-7207 with the Company Name, Attention: Michael Turner, and the words City of Greenville Public Works Department City Hall Exterior Lighting Bid written on the outside of the sealed envelope. All bids will be marked with the date and time they are received by reception staff. Bids will not be opened and read aloud at this time but will be reviewed and contracts will be awarded at a later date.

A pre-bid conference will be held in City Hall room 337, located at 200 W. Fifth Street, on Tuesday, September 10, 2024, at 10:00 am. The pre-bid meeting is not mandatory but highly encouraged for prospective proposers to attend. Site visit to follow the pre-bid meeting. An additional site visit will be available by appointment only at 9:00AM on Thursday, September 12, 2024. Please contact Michael Turner, Building Facilities Coordinator at mturner@greenvillenc.gov to schedule this appointment.

Plan set and drawings can be obtained immediately by contacting Michael Turner at mturner@greenvillenc.gov and requesting a copy of the plan set. The plan set is also available at the end of this solicitation as Attachment "B".

The City of Greenville reserves the right to reject any or all bids, waive any informality and award contracts that appear to be in its best interest. The right is reserved to hold any or all proposals for a period of ninety (90) days from the bid opening thereof.

From the date of this advertisement until the date of opening the proposals, and specifications of the proposed work and/or a complete description of the apparatus, supplies, materials or equipment are and will continue to be on file in the office of Wanda House, Financial Services Manager, 200 W. Fifth Street, Greenville NC, or at Public Works Department located at 1500 Beatty Street, Greenville NC, during regular business hours, and available to prospective bidders. Inquiries regarding the bidding process or documents should be directed to the Financial Services Manager at whouse@greenvillenc.gov or by telephone (252) 329-4862. Minority/Women owned business are encouraged to submit proposals.

Wanda House, Financial Services Manager
City of Greenville
P O Box 7207
Greenville, NC 27835-7207

INSTRUCTIONS TO CONTRACTORS

Proposal to Provide City Hall Exterior Lighting Location: Greenville N.C.

1. Contractor is to provide verification to the City that the company's employees are covered under worker's compensation insurance coverage prior to award on this contract.
2. It is expressly understood by the contractor offering a bid, after a written notice of award by the City, a written contract will be required to be executed and will serve together with this proposal, these instructions, and any detailed specifications as the entire form of contract between the parties.
3. Each Contractor submitting a bid is affirming that no official or employee of the City is directly or indirectly interested in this proposal for any reason of personal gain.
4. Sales taxes may be listed on the proposal, but as a separate item. No charge will be allowed for Federal Excise and Transportation Tax from which the City is exempt.
5. Questions regarding the specifications shall be directed by email to Michael Turner, Building Facilities Coordinator at mturner@greenvillenc.gov.
6. By submitting a bid for the Contractor to provide City Hall exterior lighting, the Contractor attests that it is in compliance with all items listed in the bid/proposal instructions. Further, the Contractor attests that the City of Greenville accepts no responsibility for any injuries to the firm's employees while on City property performing their duties.
7. Contractor shall comply with all local, state, federal laws, safety/regulatory requirements, and ordinances associated with the work within this contract.
8. It is expected that work would begin upon issuance of a written notice to proceed letter.
9. No work will be performed at any time without proper supervision. Supervisors name and direct contact information shall be provided to Michael Turner, Building Facilities Coordinator at mturner@greenvillenc.gov
10. All work will be performed Monday-Friday during normal business hours (7AM-5PM) and may include weekend work with prior approval and coordination with City staff.
11. The Contractor shall accompany a designated representative(s) of the City on inspections of work at any time during the contract period. The City reserves the right to make determinations as to whether service is performed satisfactorily. Deficiencies in work performance must be corrected immediately.
12. The City reserves the right to add or delete similar items/services specified in the proposal as requirements change during the period of the contract. Prices for items/services to be added or deleted from contract will be mutually agreed upon by the City of Greenville and Contractor. A contract amendment will be issued for each addition or deletion.
13. It shall be the responsibility of the contractor to visit the site that will be covered in this contract and to understand the area that is to be included prior to submitting a bid.

14. The Contractor shall NOT have the right to subcontract any part of its obligations and service requirements without the prior written authorization of the City. This authorization may be given by the Director of Public Works or designee. If any part of this work under this agreement is sublet, the subcontractor shall be required to meet all insurance requirements set forth in the Agreement. The parties stipulate that the Company will maintain each type of insurance set forth in the Agreement at a coverage equal to the amount set forth for each type of insurance. However, nothing contained herein shall relieve the Company from meeting all insurance requirements or otherwise being responsible for the subcontractor.
15. All work shall be completed in a professional manner consistent with customary industry practices.
16. Contractor is responsible for all measurements pertaining to the scope of work when submitting a bid.
17. Contractor shall be responsible for damage to the property including, but not limited to, buildings, curbs, parking blocks, islands, sidewalks, light poles, signs, landscaping, paving or striping of the property or equipment used in connection therewith.
18. Contractor will report in writing to Michael Turner, Building Facilities Coordinator at mturner@greenvillenc.gov any property damage caused by the Contractor within 24 hours of the occurrence.
19. Contractor agrees to contact Michael Turner, Building Facilities Coordinator at mturner@greenvillenc.gov if for some reason the work as called for cannot be completed in a timely manner.
20. Contractor agrees to provide Michael Turner, Building Facilities Coordinator at mturner@greenvillenc.gov with all current after-hours telephone numbers.
21. This project will require building and trade permits, and this can be obtained through the City at no cost to the Contractor.
22. Contractor is responsible for protecting all surfaces, fixtures, equipment, walking and driving surfaces, pedestrians and public and their property during the duration of this project.
23. Contractor is responsible for cleaning the worksite daily prior to the end of day.
24. The Contractor will be responsible for dust control measures associated with this project.
25. Material management on site is limited. Contractor is responsible for material management to and from the worksite.
26. New vendors must register online at the City of Greenville Vendor Self Service portal: <https://selfservice.greenvillenc.gov/vss>
27. Contractor agrees to provide a two (2) year warranty on all labor and standard manufacturer's warranty on materials.
28. All debris associated with this project shall be removed and properly disposed of offsite.

**CITY OF GREENVILLE
PUBLIC WORKS DEPARTMENT
BUILDINGS AND GROUNDS DIVISION
SPECIFICATIONS FOR:
CITY HALL EXTERIOR LIGHTING**

1.0 SCOPE:

- 1.1 The scope of work shall include installation of up lights, down lights and all necessary wiring, circuitry and accessories per scope of work, specifications, and drawings per Attachment "B".**
- 1.2 The total lump sum bid amount shall be included on the attached Request for Bids sheet as indicated.**

2.0 GENERAL:

- 2.1 Failure of the contractor to meet or perform work to these specifications as determined by the Public Works Department shall warrant written notice to the contractor specifying areas of nonperformance or unacceptable performance and the contractor shall have ten (10) days to rectify. Immediate cancellation of the contract may occur if performance is not rectified in ten (10) days.**
- 2.2 Within seven (7) days of notice to proceed, the contractor must be prepared to begin work on the awarded sites.**

3.0 PAYMENT AND BID:

- 3.1 Payment will be made by the City to the Contractor upon said work being performed satisfactorily per specifications and within thirty (30) days of receipt of an approved invoice. All invoices shall have the purchase order number and/or the contract number written on them when submitted for payment.**
- 3.2 Bidders will comply with all local, state, and federal laws and ordinances governing said work including the current Occupational Safety and Health regulations.**
- 3.3 By submitting a proposal, the firm is attesting that they are an Equal Opportunity Employer.**
- 3.4 The City of Greenville has adopted an Affirmative Action Program. Firms submitting a proposal are attesting that they also have taken affirmative action to insure equality of opportunity in all aspects of employment.**
- 3.5 The attached bid sheet details the bid entries required. Each contract bid sheet line item shall be filled in as directed.**
- 3.6 Minority and/or Women Business Enterprise (M/WBE) Program**

It is the policy of the City of Greenville to provide minorities and women equal opportunity for participating in all aspects of the City's contracting and procurement programs, including but not limited to, construction projects, supplies and materials purchase, and professional and personal service contracts. In accordance with this policy, the City has adopted a Minority and Women Business Enterprise (M/WBE) Plan

and subsequent program, outlining verifiable goals. Bidder will need to fill out M/WBE forms in accordance with the instructions provided.

The City has established a 10% Minority Business Enterprise (MBE) and 6% Women Business Enterprise (WBE) goal for the participation of M/WBE firms in supplying goods and services for the completion of this project. All firms submitting bids agree to utilize minority and women-owned suppliers and service providers whenever possible.

Questions regarding the City's M/WBE Program should be directed to Wanda House, Financial Services Manager, at (252) 329-4862 or whouse@greenvillenc.gov.

- 3.7 Bidder, its assignees and successors in interest, further agrees that in the performance of these services that it shall comply with the requirements of Title VI of the Civil Rights Act of 1964 and other pertinent Nondiscrimination Authorities, as cited in Attachment "A" to this Agreement, and will not discriminate in its hiring, employment, and contracting practices in any manner or form based on actual or perceived political affiliation, genetic information, sexual orientation, age, sex, race, color, religion, marital status, veteran status, economic status, national origin, handicap or disability.

- 3.8 **Title VI Nondiscrimination Notification**
The City of Greenville, North Carolina in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all respondents that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit proposals in response to this advertisement and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

- 3.9 The City of Greenville reserves the right to reject any and all bids, to waive any informalities and to accept the bid if it seems most advantageous to the City. Any bid submitted will be binding for ninety (90) days after the date of the bid opening.

4.0 **WORKERS COMPENSATION AND INSURANCE:**

- 4.1 The contractor must maintain during the life of this contract, Worker's Compensation Insurance for all employees working at the project site under this contract, or as otherwise required by North Carolina General Statutes.

- 4.2 The Consultant/Contractor agrees to purchase at its own expense insurance coverages to satisfy the following minimum requirements. Work under this contract shall not commence until all insurance required as listed has been obtained. Insurance required shall remain in effect through the life of this contract.

- (1) **Workers' Compensation Insurance:** No contractor or subcontractor may exclude executive officers. Workers Compensation must include all employees

Limits:

Workers Compensation:	Statutory for the State of North Carolina.
Employers Liability:	Bodily Injury by Accident \$1,000,000 each accident.
	Bodily Injury by Disease \$1,000,000 policy limit.
	Bodily Injury by Disease \$1,000,000 each employee.

(2) Commercial General Liability:**Limits:**

Each Occurrence:	\$1,000,000
Personal and Advertising Injury	\$1,000,000
General Aggregate Limit	\$2,000,000
Products and Completed Operations Aggregate	\$2,000,000

The aggregate limit must apply per project. The form of coverage must be the ISO CG 00 01 policy as approved by the State of North Carolina Department of Insurance. If a form of coverage other than the CG 00 01 is used it must be approved by the City. Any endorsed exclusions or limitations from the standard policy must be clearly stated in writing and attached to the Certificate of Insurance. Completed Operations coverage must be maintained for the period of the applicable statute of limitations. Additionally, the Consultant/Contractor must be added as an Additional Insured to the Commercial General Liability policy.

(3) Commercial Automobile Liability:

Limits: \$1,000,000 combined single limit.

(4) Cancellation:

Each certificate of insurance shall bear the provision that the policy cannot be altered or canceled in less than ten (10) days after mailing written notice to the assured of such alteration or cancellation, sent registered mail.

(5) Proof of Carriages:

- (1) The Consultant/Contractor shall provide the City with insurance industry standard ACCORD form Certificate(s) of Insurance on all policies of insurance and renewals thereof in a form(s) acceptable to the City prior to the commencement of services. Said policies shall provide that the City be an additional named insured.
- (2) The City shall be notified in writing of any reduction, cancellation, or substantial change of policy or policies at least thirty (30) days prior to the effective date of said action.
- (3) All insurance policies shall be issued by responsible companies who are acceptable to the City and licensed and authorized to do business under the laws of North Carolina.

4.3 The contractor shall furnish such additional insurance as may be required by the General Statutes of North Carolina, including motor vehicle insurance in amounts not less than statutory limits.

4.4 Executed contract documents, insurance certifications, invoices and other information requested, are to be sent to:

**Michael Turner
Building Facilities Coordinator
City of Greenville
Public Works Department
1500 Beatty Street
Greenville, N.C. 27834
Email: mturner@greenvillenc.gov**

5.0 DAMAGE TO CONTRACTORS' PROPERTY:

- 5.1 Should fire, theft, vandalism or other casualty, damage or destroy the equipment or property belonging to the Contractor while on City property, the City shall be under no obligation to replace or in any way compensate the contractor for said property.
- 5.2 The successful bidder agrees to indemnify or hold harmless City from and against any liability, loss, cost, damage suit, claim, or expense arising occurrence on the part of the successful bidder to include its officers, servants, agents or employees arising from its activities, operations, and performance of services while on City property and further agrees to release and discharge City and its Agents from all claims or liabilities arising from or caused by the successful bidder in fulfilling its obligations under this Agreement.
- 5.3 It is understood and agreed by the parties that City will assume no liability for damages, injury, or other loss to the successful bidder, its employees or property, tools or equipment, or to other persons or properties located on City facilities resulting from the successful bidder's activities and operations while performing those service enumerated herein.
- 5.4 The successful bidder shall assume full and complete liability for any and all damages to building improvements, fences, or other City or private properties caused by or resulting from its activities, operations, and that of its employees, agents and officers.

6.0 AMENDMENTS, ADDENDA, OR QUESTIONS:

- 6.1 Addendum: Any changes to the specifications will be issued as a written addendum. No oral statements, explanations, or commitments by whosoever shall be of any effect. Any issued addenda will be posted on the City's bid advertisement site. The contractor must acknowledge reading each addendum on the bid sheet.
- 6.2 Amendment: The contract may be amended from time to time through written agreement by both parties.
- 6.3 Questions: Any questions regarding these bid specifications must be sent by email to mturner@greenvillenc.gov
- 6.4 Schedule for questions and addenda:

Last date to submit a question: Tuesday, September 17, 2024, by 5:00 p.m.

Questions will be answered via addendum posted on the City's website by: Friday, September 20, 2024, by 5:00 p.m.

7.0 E-VERIFY COMPLIANCE:

- 7.1 The Contractor shall comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes. Further, if the Contractor utilizes a Subcontractor, the Contractor shall require the Subcontractor to comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes. The Contractor represents that the Contractor and its Subcontractors are in compliance with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes.

- 7.2 Bidder acknowledges that compliance with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes is required by the Contractor and its Subcontractors by North Carolina law and the provisions of the Contract Documents. The BIDDER represents that the BIDDER and its Subcontractors are in compliance with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes.**

9.0 IRAN DIVESTMENT ACT:

- 9.1 Vendor certifies that it is not on the Iran Final Divestment List created by the North Carolina State Treasurer pursuant to N.C.G.S. 147-86.58. The vendor will not utilize on the contract any subcontractor that is listed on the Iran Final Divestment List created by the North Carolina State Treasurer pursuant to N.C.G.S. 147-86.58.**

10.0 NON-COLLUSION:

- 10.1 Respondents, by submitting a signed proposal, certify that the accompanying submission is not the result of, or affected by, any unlawful act of collusion with any other person or company engaged in the same line of business or commerce, or any other fraudulent act punishable under North Carolina or United States law.**

11.0 WITHDRAWAL OF PROPOSALS:

- 11.1 No bid/proposal may be changed or withdrawn after the stated time and date for submittal. Bids/proposals submitted shall be binding for ninety (90) days after the date of submittal.**

12.0 REFERENCE INFORMATION:

- 12.1 All bidders must provide a list of three (3) client references of similar turf and maintenance projects. Please provide the information on the "Contractor Reference Information" sheet and attach with the bid sheet.**

13.0 CONTRACTOR INFORMATION:

- 13.1 Please provide the information on the "Contractor Data Form" and attach with the bid sheet. All information should be accurate and detailed in description.**



Contractor Reference Information

1. **Company name:** _____
 Contact person: _____
 Title: _____ **Phone No.** _____

2. **Company name:** _____
 Contact person: _____
 Title: _____ **Phone No.** _____

3. **Company name:** _____
 Contact person: _____
 Title: _____ **Phone No.** _____

****Include completed form with submitted bid package****

Company Name: _____

Address: _____

Phone Number: _____ **Mobile Phone Number:** _____

Company Owner: _____ **Company Owner Phone Number:** _____

Authorized Company Representative submitting bid: _____

Title:

Phone Number of Authorized Representative: _____

Email: _____

**Description of equipment and personnel you plan to utilize to perform this contract:
Attach an additional sheet or continue on back if needed.**

[illegible]

COG DOC #1197744



REQUEST FOR BIDS

In compliance with the request for bids by the City of Greenville and subject to all conditions and specifications thereof, the undersigned offers and agrees to furnish all equipment and labor as provided in the above-mentioned specifications.

City Hall Exterior Lighting

<u>Description</u>	<u>Bid</u>
Total Lump Sum for City Hall Exterior Lighting (Per specifications)	_____

Note 1: Award will be made based on the total lump sum bid.

Addendum Acknowledgement:
Please record each Addendum Number Received: ____ / ____ / ____ / ____ / ____

Company Name: _____

Signed: _____

Print Name: _____

Title: _____

Date: _____

****Include completed form with submitted bid package****

Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid

**City of Greenville/Greenville Utilities Commission
Minority and Women Business Enterprise (MWBE) Program**

**City of Greenville
Construction Guidelines and Affidavits
\$100,000 and above**

These instructions shall be included with each bid solicitation.

Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid

City of Greenville/Greenville Utilities Commission Minority and Women Business Enterprise Program

Construction Guidelines for MWBE Participants \$100,000 and above

Policy Statement

It is the policy of the City of Greenville and Greenville Utilities Commission to provide minorities and women equal opportunity for participating in all aspects of the City's and Utilities' contracting and procurement programs, including but not limited to, construction projects, supplies and materials purchases, and professional and personal service contracts.

Goals and Good Faith Efforts

Bidders responding to this solicitation shall comply with the MWBE program by making Good Faith Efforts to achieve the following aspiration goals for participation.

	CITY	
	MBE	WBE
Construction This goal includes Construction Manager at Risk.	10%	6%

Bidders shall submit MWBE information with their bids on the forms provided. This information will be subject to verification by the City prior to contract award. **As of July 1, 2009, contractors, subcontractors, suppliers, service providers, or MWBE members of joint ventures intended to satisfy City MWBE goals shall be certified by the NC Office of Historically Underutilized Businesses (NC HUB) only.** Firms qualifying as "WBE" for City's goals must be designated as a "women-owned business" by the HUB Office. Firms qualifying as "MBE" for the City's goals must be certified in one of the other categories (i.e.: Black, Hispanic, Asian American, American Indian, Disabled, or Socially and Economically Disadvantaged). Those firms who are certified as both a "WBE" and "MBE" may only satisfy the "MBE" requirement. **Each goal must be met separately. Exceeding one goal does not satisfy requirements for the other.** A complete database of NC HUB certified firms may be found at <http://www.doa.nc.gov/hub/>. An internal database of firms who have expressed interest to do business with the City and GUC is available at www.greenvillenc.gov. However, the HUB status of these firms must be verified by the HUB database. The City shall accept NCDOT certified firms on federally funded projects only. Please note: A contractor may utilize any firm desired. However, for participation purposes, all MWBE vendors who wish to do business as a minority or female must be certified by NC HUB.

The Bidder shall make good faith efforts to encourage participation of MWBEs prior to submission of bids in order to be considered as a responsive bidder. Bidders are cautioned that even though their submittal indicates they will meet the MWBE goal, they should document their good faith efforts and be prepared to submit this information, if requested.

The MWBE's listed by the Contractor on the **Identification of Minority/Women Business Participation** which are determined by the City to be certified shall perform the work and supply the materials for which they are listed unless the Contractors receive prior authorization from the City to perform the work with other forces or to obtain materials from other sources. If a contractor is proposing to perform all elements of the work with his own forces, he must be prepared to document evidence satisfactory to the owner of similar government contracts where he has self-performed.

The Contractor shall enter into and supply copies of fully executed subcontracts with each MWBE or supply signed Letter(s) of Intent to the Project Manager after award of contract and prior to Notice to Proceed. Any amendments to subcontracts shall be submitted to the Project Manager prior to execution.

Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid

****Include completed form with submitted bid package****

Instructions

The Bidder shall provide with the bid the following documentation:

- ☐ Identification of Minority/Women Business Participation
(if participation is zero, please mark zero—Blank forms will be considered nonresponsive)
- ☐ Affidavit A (if subcontracting)

OR

- ☐ Identification of Minority/Women Business Participation
(if participation is zero, please mark zero—Blank forms will be considered nonresponsive)
- ☐ Affidavit B (if self-performing; must attest that bidder does not customarily subcontract work on this type of project—includes supplies and materials)

Within 72 hours or 3 business days after notification of being the apparent low bidder who is subcontracting anything must provide the following information:

- ☐ Affidavit C (if aspirational goals are met or are exceeded)

OR

- ☐ Affidavit D (if aspirational goals are not met)

After award of contract and prior to issuance of notice to proceed:

- ☐ Letter(s) of Intent or Executed Contracts

****With each pay request, the prime contractors will submit the Proof of Payment Certification, listing payments made to MWBE subcontractors.**

*****If a change is needed in MWBE Participation, submit a Request to Change MWBE Participation Form. Good Faith Efforts to substitute with another MWBE contractor must be demonstrated.**

Minimum Compliance Requirements:

All written statements, affidavits, or intentions made by the Bidder shall become a part of the agreement between the Contractor and the City for performance of contracts. Failure to comply with any of these statements, affidavits or intentions or with the minority business guidelines shall constitute a breach of the contract. A finding by the City that any information submitted (either prior to award of the contract or during the performance of the contract) is inaccurate, false, or incomplete, shall also constitute a breach of the contract. Any such breach may result in termination of the contract in accordance with the termination provisions contained in the contract. It shall be solely at the option of the City whether to terminate the contract for breach or not. In determining whether a contractor has made Good Faith Efforts, the CITY will evaluate all efforts made by the Contractor and will determine compliance in regard to quantity, intensity, and results of these efforts.

Identification of Minority/Women Business Participation

do hereby certify that on this project, we will use the following minority/women business enterprises as construction subcontractors, vendors, suppliers or providers of professional services.

*MWBE categories: Black, African American (**B**), Hispanic, Latino (**L**), Asian American (**A**) American Indian (**I**), Female (**F**) Socially and Economically Disadvantaged (**S**) Disabled (**D**)

The total value of MBE business contracting will be (\$)_____.

The total value of WBE business contracting will be (\$)_____.

****Include completed Affidavit "A" or "B" with submitted bid package. Not both******City of Greenville AFFIDAVIT A – Listing of Good Faith Efforts**

County of _____

(Name of Bidder)

Affidavit of _____

I have made a good faith effort to comply under the following areas checked:

Bidders must earn at least 50 points from the good faith efforts listed for their bid to be considered responsive. (1 NC Administrative Code 30 I.0101)

- ☐ **1 – (10 pts)** Contacted minority businesses that reasonably could have been expected to submit a quote and that were known to the contractor, or available on State or local government maintained lists, at least 10 days before the bid date and notified them of the nature and scope of the work to be performed.
- ☐ **2 --(10 pts)** Made the construction plans, specifications and requirements available for review by prospective minority businesses, or providing these documents to them at least 10 days before the bids are due.
- ☐ **3 – (15 pts)** Broken down or combined elements of work into economically feasible units to facilitate minority participation.
- ☐ **4 – (10 pts)** Worked with minority trade, community, or contractor organizations identified by the Office of Historically Underutilized Businesses and included in the bid documents that provide assistance in recruitment of minority businesses.
- ☐ **5 – (10 pts)** Attended prebid meetings scheduled by the public owner.
- ☐ **6 – (20 pts)** Provided assistance in getting required bonding or insurance or provided alternatives to bonding or insurance for subcontractors.
- ☐ **7 – (15 pts)** Negotiated in good faith with interested minority businesses and did not reject them as unqualified without sound reasons based on their capabilities. Any rejection of a minority business based on lack of qualification should have the reasons documented in writing.
- ☐ **8 – (25 pts)** Provided assistance to an otherwise qualified minority business in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letters of credit, including waiving credit that is ordinarily required. Assisted minority businesses in obtaining the same unit pricing with the bidder's suppliers in order to help minority businesses in establishing credit.
- ☐ **9 – (20 pts)** Negotiated joint venture and partnership arrangements with minority businesses in order to increase opportunities for minority business participation on a public construction or repair project when possible.
- ☐ **10 - (20 pts)** Provided quick pay agreements and policies to enable minority contractors and suppliers to meet cash-flow demands.

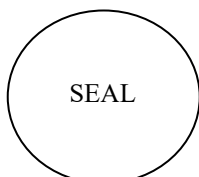
The undersigned, if apparent low bidder, will enter into a formal agreement with the firms listed in the Identification of Minority/Women Business Participation schedule conditional upon scope of contract to be executed with the Owner. Substitution of contractors must be in accordance with GS143-128.2(d) Failure to abide by this statutory provision will constitute a breach of the contract.

The undersigned hereby certifies that he or she has read the terms of the minority/women business commitment and is authorized to bind the bidder to the commitment herein set forth.

Date: _____ Name of Authorized Officer: _____

Signature: _____

Title: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of _____ 20____

Notary Public _____

My commission expires _____

Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid Attach to Bid

**City of Greenville --AFFIDAVIT B-- Intent to Perform
Contract with Own Workforce.**

County of _____

Affidavit of _____
(Name of Bidder)

I hereby certify that it is our intent to perform 100% of the work required for the _____
_____ contract.
(Name of Project)

In making this certification, the Bidder states that the Bidder does not customarily subcontract elements of this type project, and normally performs and has the capability to perform and will perform all elements of the work on this project with his/her own current work forces; and

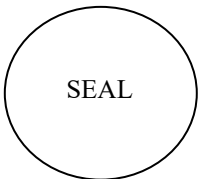
The Bidder agrees to provide any additional information or documentation requested by the owner in support of the above statement.

The undersigned hereby certifies that he or she has read this certification and is authorized to bind the Bidder to the commitments herein contained.

Date: _____ Name of Authorized Officer: _____

Signature: _____

Title: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of _____ 20__

Notary Public _____

My commission expires _____

****Include completed Affidavit "A" or "B" in submitted bid package. Not both****

Do not submit with the bid Do not submit with the bid Do not submit with the bid Do not submit with the bid

City of Greenville - AFFIDAVIT C - Portion of the Work to be Performed by MWBE Firms

County of _____

(Note this form is to be submitted only by the apparent lowest responsible, responsive bidder.)

If the portion of the work to be executed by MWBE businesses as defined in GS143-128.2(g) and the COG/CITY MWBE Plan sec. III is equal to or greater than 16% of the bidders total contract price, then the bidder must complete this affidavit. This affidavit shall be provided by the apparent lowest responsible, responsive bidder within **72 hours** after notification of being low bidder.

Affidavit of _____ I do hereby certify that on the
(Name of Bidder)

(Project Name)

Project ID# _____ Amount of Bid \$ _____

I will expend a minimum of _____% of the total dollar amount of the contract with minority business enterprises and a minimum of _____% of the total dollar amount of the contract with women business enterprises. Minority/women businesses will be employed as construction subcontractors, vendors, suppliers or providers of professional services. Such work will be subcontracted to the following firms listed below.

Attach additional sheets if required

Name and Phone Number	*MWBE Category	Work description	Dollar Value

*Minority categories: Black, African American (**B**), Hispanic or Latino (**L**), Asian American (**A**) American Indian (**I**), Female (**F**) Socially and Economically Disadvantaged (**S**) Disabled (**D**)

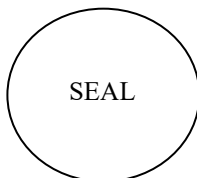
Pursuant to GS143-128.2(d), the undersigned will enter into a formal agreement with MWBE Firms for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

The undersigned hereby certifies that he or she has read the terms of this commitment and is authorized to bind the bidder to the commitment herein set forth.

Date: _____ Name of Authorized Officer: _____

Signature: _____

Title: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of _____ 20____

Notary Public _____

My commission expires _____

Do not submit with the bid Do not submit with the bid Do not submit with the bid Do not submit with the bid

City of Greenville - AFFIDAVIT D – Good Faith Efforts

County of _____

(Note this form is to be submitted only by the apparent lowest responsible, responsive bidder.)

If the goal of 16% participation by minority/women business **is not** achieved, the Bidder shall provide the following documentation to the Owner of his good faith efforts:

Affidavit of _____ I do hereby certify

(Name of Bidder)

that on the _____

(Project Name)

Project ID# _____ Amount of Bid \$ _____

I will expend a minimum of _____ % of the total dollar amount of the contract with minority business enterprises and a minimum of _____ % of the total dollar amount of the contract with women business enterprises. Minority/women businesses will be employed as construction subcontractors, vendors, suppliers or providers of professional services. Such work will be subcontracted to the following firms listed below. (Attach additional sheets if required)

Name and Phone Number	*MWBE Category	Work description	Dollar Value

*Minority categories: Black, African American (**B**), Hispanic or Latino (**L**), Asian American (**A**) American Indian (**I**), Female (**F**) Socially and Economically Disadvantaged (**S**) Disabled (**D**)

Examples of documentation required to demonstrate the Bidder's good faith efforts to meet the goals set forth in these provisions include, but are not necessarily limited to, the following:

- A. Copies of solicitations for quotes to at least three (3) minority business firms from the source list provided by the State for each subcontract to be let under this contract (if 3 or more firms are shown on the source list). Each solicitation shall contain a specific description of the work to be subcontracted, location where bid documents can be reviewed, representative of the Prime Bidder to contact, and location, date and time when quotes must be received.
- B. Copies of quotes or responses received from each firm responding to the solicitation.
- C. A telephone log of follow-up calls to each firm sent a solicitation.
- D. For subcontracts where a minority business firm is not considered the lowest responsible sub-bidder, copies of quotes received from all firms submitting quotes for that particular subcontract.
- PART 1 - E. Documentation of any contacts or correspondence to minority business, community, or contractor organizations in an attempt to meet the goal.
- F. Copy of pre-bid roster.
- G. Letter documenting efforts to provide assistance in obtaining required bonding or insurance for minority business.
- H. Letter detailing reasons for rejection of minority business due to lack of qualification.
- I. Letter documenting proposed assistance offered to minority business in need of equipment, loan capital, lines of credit, or joint pay agreements to secure loans, supplies, or letter of credit, including waiving credit that is ordinarily required.

Failure to provide the documentation as listed in these provisions may result in rejection of the bid and award to the next lowest responsible and responsive bidder.

Do not submit with the bid Do not submit with the bid Do not submit with the bid Do not submit with the bid

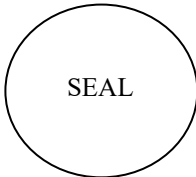
Pursuant to GS143-128.2(d), the undersigned will enter into a formal agreement with MWBE Firms for work listed in this schedule conditional upon execution of a contract with the Owner. Failure to fulfill this commitment may constitute a breach of the contract.

The undersigned hereby certifies that he or she has read the terms of this commitment and is authorized to bind the bidder to the commitment herein set forth.

Date: _____ Name of Authorized Officer: _____

Signature: _____

Title: _____



State of _____, County of _____

Subscribed and sworn to before me this _____ day of _____ 20____

Notary Public _____

My commission expires _____

Do not submit with the bid Do not submit with the bid Do not submit with the bid Do not submit with the bid

LETTER OF INTENT

MWBE Subcontractor Performance

Please submit this form or executed subcontracts with MWBE firms after award of contract and prior to issuance of notice to proceed.

PROJECT: _____
(Project Name)

TO: _____
(Name of Prime Bidder/Architect)

The undersigned intends to perform work in connection with the above project as a:

____ Minority Business Enterprise

____ Women Business Enterprise

The MWBE status of the undersigned is certified the NC Office of Historically Underutilized Businesses (required). ____ Yes ____ No

The undersigned is prepared to perform the following described work or provide materials or services in connection with the above project at the following dollar amount:

Work/Materials/Service Provided	Dollar Amount of Contract	Projected Start Date	Projected End Date

(Date)

(Address)

(Name & Phone No. of MWBE Firm)

(Name & Title of Authorized Representative of MWBE)

(Signature of Authorized Representative of MWBE)

Do not submit with the bid Do not submit with the bid Do not submit with the bid Do not submit with the bid

REQUEST TO CHANGE MWBE PARTICIPATION

(Submit changes only if notified as apparent lowest bidder, continuing through project completion)

Project: _____

Bidder or Prime Contractor: _____

Name & Title of Authorized Representative: _____

Address: _____ **Phone #:** _____

_____ **Email Address:** _____

Total Contract Amount (including approved change orders or amendments): \$ _____

Name of subcontractor: _____

Good or service provided: _____

Proposed Action:

☐ Replace subcontractor

☐ Perform work with own forces

For the above actions, you must provide one of the following reasons (Please check applicable reason):

☐ The listed MBE/WBE, after having had a reasonable opportunity to do so, fails or refuses to execute a written contract.

☐ The listed MBE/WBE is bankrupt or insolvent.

☐ The listed MBE/WBE fails or refuses to perform his/her subcontract or furnish the listed materials.

☐ The work performed by the listed subcontractor is unsatisfactory according to industry standards and is not in accordance with the plans and specifications; or the subcontractor is substantially delaying or disrupting the progress of the work.

If replacing subcontractor:

Name of replacement subcontractor: _____

The MWBE status of the contractor is certified by the NC Office of Historically Underutilized Businesses (required). ☐ Yes ☐ No

Dollar amount of original contract \$ _____

Dollar amount of amended contract \$ _____

Other Proposed Action:

☐ Increase total dollar amount of work

☐ Add additional subcontractor

☐ Decrease total dollar amount of work

☐ Other

Please describe reason for requested action: _____

If adding additional subcontractor:*

The MWBE status of the contractor is certified by the NC Office of Historically Underutilized Businesses (required). ☐ Yes ☐ No

**Please attach Letter of Intent or executed contract document*

Dollar amount of original contract \$ _____

Dollar amount of amended contract \$ _____

Interoffice Use Only:

Approval ☐ Y ☐ N

Date _____

Signature _____

Do not submit with the bid Do not submit with the bid Do not submit with the bid

Pay Application No. _____

Purchase Order No. _____

Proof of Payment Certification

MWBE Contractors, Suppliers, Service Providers

Project Name: _____

Prime Contractor: _____

Current Contract Amount (including change orders): \$ _____

Requested Payment Amount for this Period: \$ _____

Is this the final payment? ___ Yes ___ No

Firm Name	MWBE Category*	Total Amount Paid from this Pay Request	Total Contract Amount (including changes)	Total Amount Remaining

*Minority categories: Black, African American (**B**), Hispanic or Latino (**L**), Asian American (**A**) American Indian (**I**), Female (**F**) Socially and Economically Disadvantaged (**S**) Disabled (**D**)

Date: _____

Certified By: _____

Name

Title_____
Signature

STATE OF NORTH CAROLINA

AFFIDAVIT

CITY OF GREENVILLE

I, _____ (the individual attesting below), being duly authorized by and on behalf of _____ (the entity bidding on project hereinafter "Employer") after first being duly sworn hereby swears or affirms as follows:

1. Employer understands that E-Verify is the federal E-Verify program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law in accordance with NCGS §64-25(5).
 2. Employer understands that Employers Must Use E-Verify. Each employer, after hiring an employee to work in the United States, shall verify the work authorization of the employee through E-Verify in accordance with NCGS§64-26(a).
 3. Employer is a person, business entity, or other organization that transacts business in this State and that employs 25 or more employees in this State. (Mark Yes or No)
 - a. YES _____, or
 - b. NO _____
 4. Employer's subcontractors comply with E-Verify, and if Employer is the winning bidder on this project Employer will ensure compliance with E-Verify by any subcontractors subsequently hired by Employer.
- This ____ day of _____, 20__.

Signature of Affiant
Print or Type Name: _____

State of _____ City of _____

Signed and sworn to (or affirmed) before me, this the _____

Day of _____, 20__.

My Commission Expires:

Notary Public

(Affix Official/Notarial Seal)

****Include completed form with submitted bid package****

Title VI of the Civil Rights Act of 1964 Nondiscrimination Provisions, Appendices A & E.

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

(1) Compliance with Regulations: The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation (USDOT), as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

(2) Nondiscrimination: The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, national origin, sex, age, creed (religion), low-income, limited English proficiency, or disability in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.

(3) Solicitations for Subcontractors, Including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Nondiscrimination on the grounds of race, color, or national origin.

(4) Information and Reports: The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the USDOT to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the USDOT, as appropriate, and will set forth what efforts it has made to obtain the information.

(5) Sanctions for Noncompliance: In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the USDOT may determine to be appropriate, including, but not limited to:

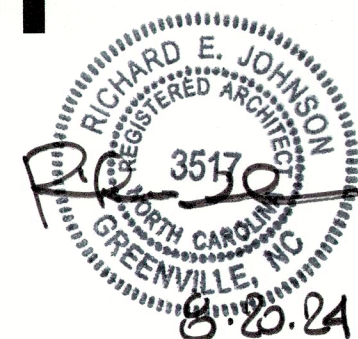
- 12.0 withholding payments to the contractor under the contract until the contractor complies; and/or
- 13.0 cancelling, terminating, or suspending a contract, in whole or in part.

(6) Incorporation of Provisions: The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the USDOT may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

- (1) During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following nondiscrimination statutes and authorities; including but not limited to:

Pertinent Nondiscrimination Authorities

- 17.2 Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- 17.3 The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- 17.4 Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- 17.5 Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- 17.6 The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- 17.7 Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- 17.8 The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- 17.9 Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- 17.10 The Federal Aviation Administration's Nondiscrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- 17.11 Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures Nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- 17.12 Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- 17.13 Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq);
- 17.14 Federal transit laws, specifically 49 U.S.C. § 5332 (prohibiting discrimination based on race, color, religion, national origin, sex (including gender identity), disability, age, employment, or business opportunity).



CITY OF GREENVILLE

CITY HALL EXTERIOR LIGHTING

The East Group Project No. 20230214

Greenville, North Carolina

REVISED PER OWNER REQUESTED CHANGES

AUGUST 20, 2024

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City of Greenville

CITY HALL EXTERIOR LIGHTING

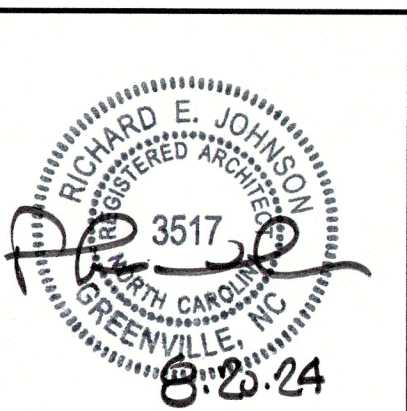
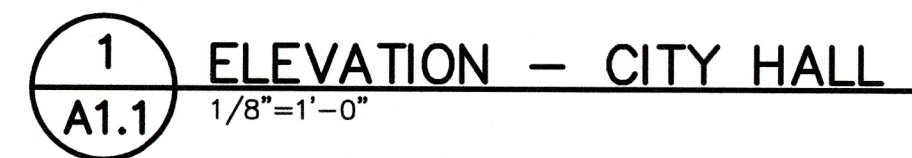
The East Group Project No. 20230214

Client Project No. -

REVISED PER OWNER REQUESTED CHANGES

AUGUST 20, 2024

The East Group

[illegible]

PROJECT NO. 20230214

PROJECT NO.

PROJECT TITLE	
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CITY OF GREENVILLE
CITY HALL
EXTERIOR LIGHTING

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

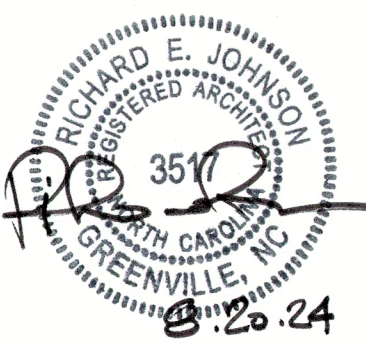
<p>G TITLE</p> <p>ELEVATIONS</p>

100

A11

AI.1

THE EAST GROUP
• Engineering • Architecture
• Surveying • Technology
Corporate Office
324 Evans Street
Greenville, NC 27658
Tel 252.758.3746
Fax 252.830.3954
Branch Office
43251 Lake Boone Trail, Suite 311
Raleigh, NC 27607
Tel 919.784.9330
Fax 252.830.3954
NC Engineering License No. C-0206
NC Architectural License No. 50213
NC Landscape Architectural License
No. C-427



REV	DATE	DESCRIPTION	BY	CHK
			DJB	REL
			SHA	REL
			DHB	REL
			MEW	REL
0	07-19-24	OWNER REVIEW		
1	07-25-24	ISSUE FOR CONSTRUCTION		
1	08-20-24	REVISED PER OWNER REQUESTED CHANGES		

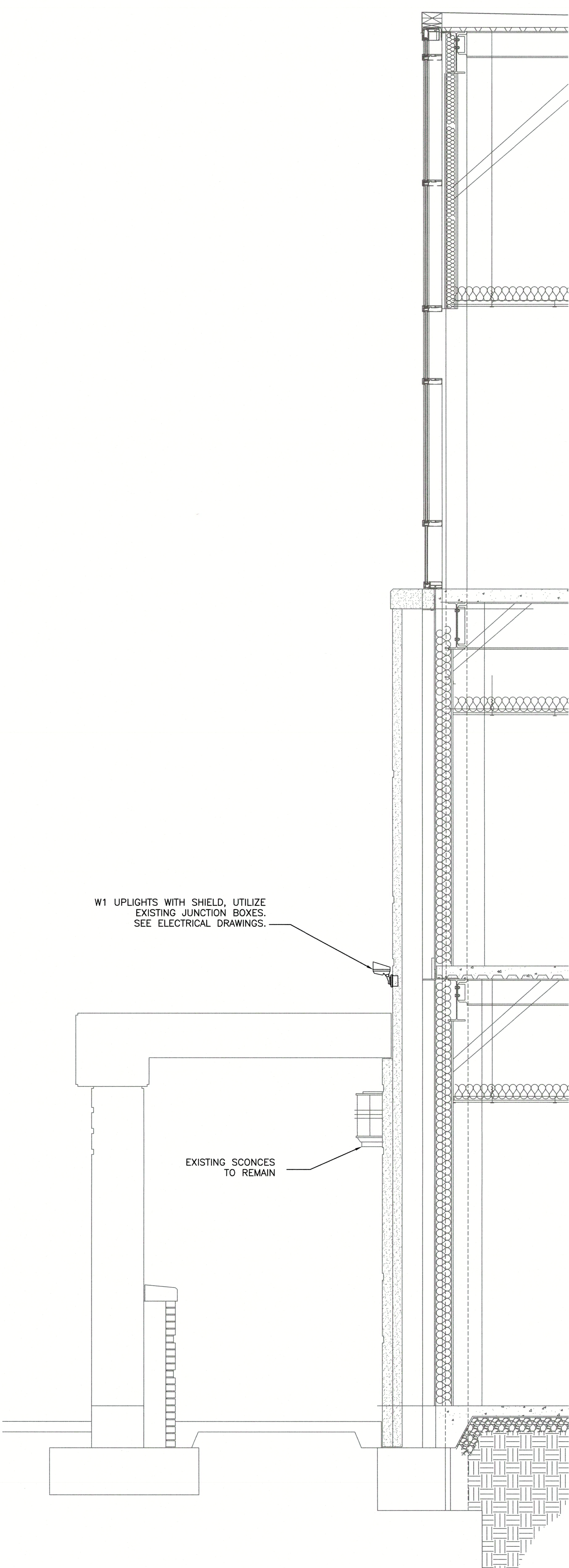
REV PROJECT NO. 20230214

CLIENT PROJECT NO.

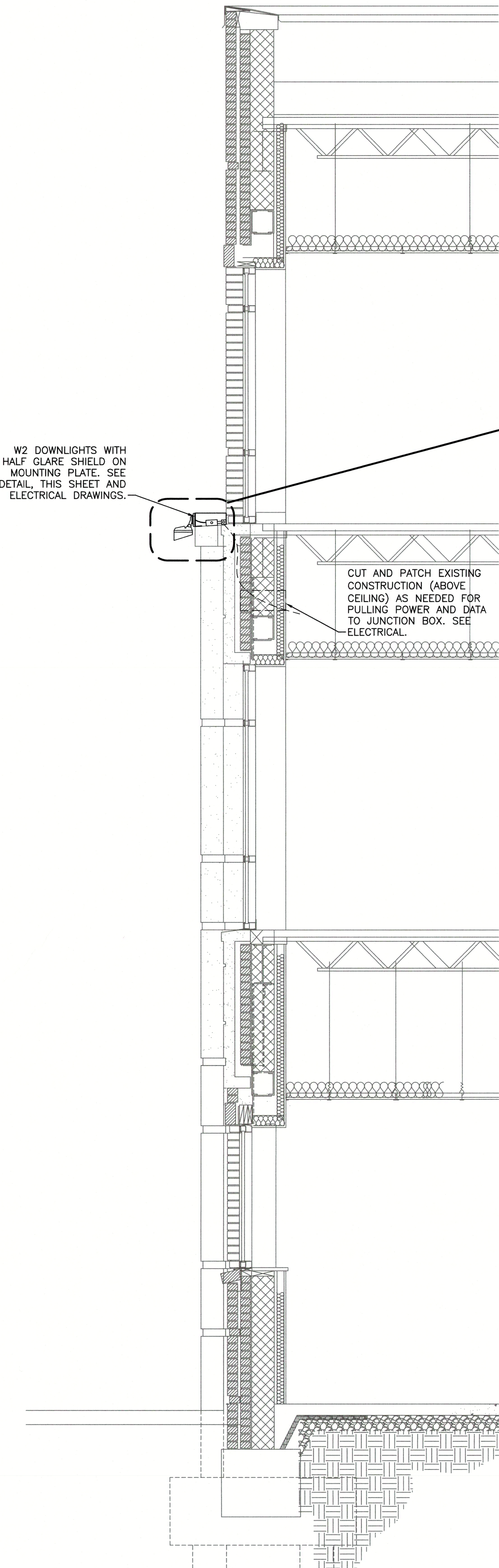
PROJECT TITLE
CITY OF GREENVILLE
CITY HALL
EXTERIOR LIGHTING

DRAWING TITLE
SECTIONS

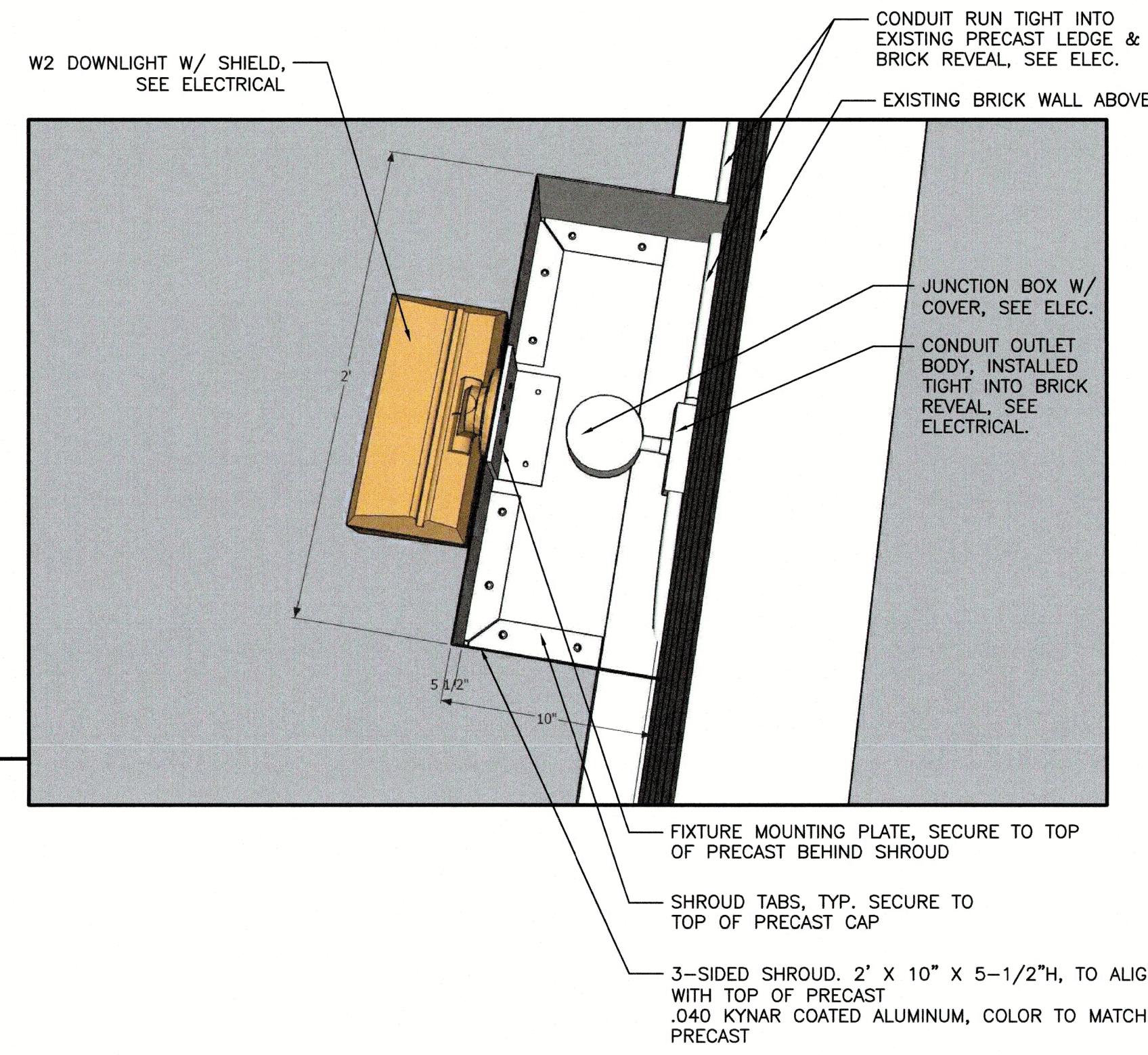
DRAWING NO.
A2.1




1
A2.1 SECTION - CITY HALL
1/8"=1'-0"



2
A2.1 SECTION - CITY HALL
1/8"=1'-0"



NOTE:
ALL PENETRATIONS INTO THE
EXISTING BUILDING TO BE
WEATHERTIGHT AND ALL
HARDWARE TO BE GALVANIZED



THE EAST GROUP

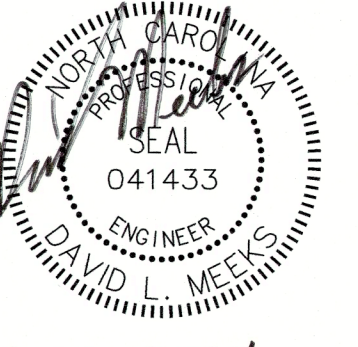
• **Engineering** • **Architecture**
• **Surveying** • **Technology**

• Corporate Office
334 Evans Street
Greenville, NC 27858
Tel 252.758.5746
Fax 252.830.3854

• Branch Office
4325 Latta Boone Trail, Suite 311
Raleigh, NC 27607
Tel 919.784.9330
Fax 252.850.3854


• NC Engineering License No. C-0206
• NC Architectural License No. 50213
• NC Landscape Architectural License No. C-427

SEAL



8-20-2024

SEAL



8-20-2024

REV	DATE	DESCRIPTION	BY	CHK												
					DLM	DLM	DLM	DLM	DLM	DLM	DLM	DLM	DLM	DLM	DLM	DLM
A	04-15-24	ISSUE FOR OWNER REVIEW														
B	07-15-24	ISSUE FOR OWNER REVIEW														
O	07-25-24	ISSUE FOR CONSTRUCTION														
I	08-20-24	REVISED PER OWNER REQUESTED CHANGES														

REV PROJECT NO.
20230214

CLIENT PROJECT NO.

PROJECT TITLE
CITY OF GREENVILLE
CITY HALL
EXTERIOR LIGHTING

DRAWING TITLE
ELECTRICAL
LEAD SHEET

DRAWING NO.

E0.1

- ELECTRICAL GENERAL NOTES
1. EC SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO EXAMINE THE EXISTING CONDITIONS AND THE EXTENT AND NATURE OF THE WORK REQUIRED. ANY DIFFICULTIES IN COMPLYING WITH THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER PRIOR TO SUBMITTING A BID.

2. PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT, AND PERFORM ALL OPERATIONS NECESSARY FOR THE INSTALLATION OF COMPLETE ELECTRICAL WORK WITHIN THE INTENT OF, AND AS INDICATED ON, THE DRAWINGS AND AS HEREIN SPECIFIED.

3. CONTRACTOR'S QUALIFICATIONS: IT IS ASSUMED THE CONTRACTOR HAS HAD SUFFICIENT GENERAL KNOWLEDGE AND EXPERIENCE TO ANTICIPATE THE NEEDS OF CONSTRUCTION OF THIS NATURE. THE CONTRACTOR SHALL PROVIDE ALL ITEMS REQUIRED TO COMPLETE THE CONSTRUCTION IN ACCORDANCE WITH REASONABLE INTERPRETATION OF THE INTENT OF THE DRAWINGS AND SPECIFICATIONS.

4. THE DESIGN CONTAINED IN THE CONTRACT DOCUMENTS IS BASED ON EQUIPMENT BY SPECIFIC MANUFACTURERS. SUBSTITUTION REQUESTS BY THE EC MAY ONLY BE MADE PRIOR TO SUBMITTING A BID AND WILL BE REVIEWED AT THE DISCRETION OF THE ENGINEER. WHEN ANY EQUIPMENT IS PROVIDED BY MANUFACTURERS OTHER THAN THOSE SPECIFIED, THE EC SHALL BE RESPONSIBLE FOR VERIFYING THAT SUCH EQUIPMENT WILL MEET THE DESIGN INTENT (DIMENSIONS, CAPACITIES, ELECTRICAL REQUIREMENTS, ETC.). ANY ADDITIONAL COSTS ASSOCIATED WITH PROVIDING SUCH EQUIPMENT, INCLUDING BUT NOT LIMITED TO INCREASING THE CAPACITY OF ELECTRICAL SERVICES (DISCONNECTS, BREAKERS, WIRING, CONDUIT, ETC.), INCREASING HOUSEKEEPING PAD SIZES, PROVIDING ADDITIONAL STRUCTURAL SUPPORT OR INSTALLATION OF EQUIPMENT IN DIFFERENT LOCATIONS THAN INDICATED ON THE DRAWINGS SHALL BE INCLUDED IN THE EC'S BID.

5. EC SHALL OBTAIN AND PAY FOR ALL PERMITS, INSPECTIONS, TESTS, ETC. AS REQUIRED FOR PROPER EXECUTION AND COMPLETION OF THE WORK.

6. EC SHALL COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES. NO ALLOWANCES WILL BE MADE ON THE EC'S BEHALF FOR FAILURE TO COORDINATE WITH OTHER TRADES. ANY COORDINATION CONFLICTS WHICH ARISE SHALL BE IMMEDIATELY REPORTED TO THE GC AND OWNER'S REPRESENTATIVE.

7. EC SHALL BE RESPONSIBLE FOR ALL SAW-CUTS, CORE-DRILLS, AND PENETRATIONS. EC SHALL PATCH FLOORS, WALLS, PARTITIONS, CEILINGS, ROOFS, AND OTHER SURFACES AS REQUIRED TO RESTORE TO INITIAL CONDITIONS FOR CONDUIT OR OTHER INSTALLATIONS.

8. EC SHALL SEAL ALL PENETRATIONS THROUGH NEW AND EXISTING WALLS, FLOORS, ROOFS, CHASES, ETC. DUE TO ANY DEMOLITION OR NEW WORK IN ORDER TO MAINTAIN THE INTEGRITY OF THE SYSTEM (SMOKE RATED, SMOKE PARTITIONS, FIRE RATED, ETC.).

9. WHERE AN EXISTING DEVICE IS TO BE REMOVED, CONTRACTOR SHALL PATCH AND PAINT WALL, CEILING, FLOOR, ETC. TO MATCH ADJACENT SURFACE AND TEXTURE. THE ENTIRE WALL OR HARD CEILING SURFACE NEW FINISH SHALL BE APPLIED FROM EDGE TO EDGE (NEAREST CORNER, BREAK IN SURFACE, OR BREAK IN PLANE) UNLESS NOTED OTHERWISE. REPLACE CEILING TILE WITH NEW TO MATCH EXISTING.

10. EC SHALL PROVIDE APPROPRIATE SEALING WITH APPROVED MATERIAL WHERE RACEWAY PASSES FROM INTERIOR TO EXTERIOR OF A BUILDING.

11. EC SHALL PROVIDE AND INSTALL ALL PHENOLIC NAMEPLATES FOR ALL ELECTRICAL EQUIPMENT & DEVICES. LABEL SHALL INDICATE PANEL AND CIRCUIT NUMBER SUPPLYING POWER TO THE DEVICE. EC SHALL PROVIDE REQUIRED SIGNS FOR PANELS, SWITCHGEAR, STARTERS, VFDs, AND ETC. PROVIDE NAMEPLATE WITH WHITE LETTERING ON BLACK BACKGROUND. NAMEPLATES TO BE MECHANICALLY SECURED WITH NON-FERROUS FASTENERS.

12. EC SHALL PROVIDE AND INSTALL ALL PHENOLIC NAMEPLATES FOR ALL ELECTRICAL SWITCHBOARDS & PANEL BOARDS. AT MINIMUM PROVIDE LABELING WITH WHITE LETTING ON BLUE BACKGROUND TO INDICATE PANEL ID, VOLTAGE, & WHERE PANEL IS FED FROM. PROVIDE AN ADDITIONAL LABEL WITH WHITE LETTERING ON BLACK BACKGROUND TO INDICATE PHASE, NEUTRAL, & GROUND COLOR CODING. ALL LABELS TO BE MECHANICALLY SECURED WITH NON-FERROUS FASTENERS.

13. ALL AFF DIMENSIONS ARE REFERENCED TO CENTER OF EQUIPMENT/DEVICE UNO.

14. EACH RECEPTACLE CIRCUIT AND LIGHTING CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. ENSURE COMPLIANCE WITH NEC REGARDING ALLOWABLE AMPACITIES AND DERATING (ADJUSTMENT) FACTORS ON INSTALLATION OF CONDUIT AND CONDUCTORS.

15. EMERGENCY CIRCUITS SHALL BE IN DEDICATED CONDUITS. ONLY EMERGENCY CIRCUITS PERMITTED. NO "NORMAL" CIRCUITS SHALL BE INSTALLED IN EMERGENCY CIRCUIT CONDUITS.

16. UPON MODIFICATION OR CONNECTION TO EXISTING SYSTEMS, POWER AND/OR SECONDARY SYSTEMS SHALL NOT BE INTERRUPTED WITHOUT PRIOR CONSENT OF OWNER AND A DEFINITE UNDERSTANDING OF THE DURATION OF THE OUTAGE.

17. ALL CONDUCTORS SHALL BE INSULATED COPPER UNLESS NOTED OTHERWISE. CONDUCTORS #10 AND SMALLER SHALL BE SOLID; CONDUCTOR #8 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS SHALL BE THWN-2 OR XHHW-2, 90° C RATED.

18. ALL 208V/120V POWER WIRING INSULATION SHALL BE COLOR CODED (NO EXCEPTIONS). PHASE A-BLACK; PHASE B-RED; PHASE C-BLUE; NEUTRAL-WHITE; TRAVELERS-PURPLE; AND GROUNDING CONDUCTORS-GREEN. COLOR CODED TAPE NOT ALLOWED.

19. ALL 480V/277V POWER WIRING INSULATION SHALL BE COLOR CODED (NO EXCEPTIONS). PHASE A-BROWN; PHASE B-ORANGE; PHASE C-YELLOW; NEUTRAL-GRAY; TRAVELERS-PURPLE; AND GROUNDING CONDUCTORS-GREEN. COLOR CODED TAPE NOT ALLOWED.

20. WIRING DEVICES SHALL BE 20 AMP MINIMUM AND SHALL BE OF THE GROUNDING TYPE, WITH HEX-HEAD GREEN GROUNDING SCREW, TO BE CONNECTED TO THE GREEN GROUND CONDUCTOR. SELF-GROUNDING TYPE IS NOT ACCEPTABLE. RECEPTACLES SHALL BE GENERAL USE MEETING NEMA WD 1, NEMA WD 6, USCC W-C-5966, AND UL-498 AND SHALL BE APPROVED THIRD-PARTY LISTED.

21. INSIDE CONDUITS SHALL BE EMT, IMC, OR RMC. CONNECTIONS TO VIBRATING EQUIPMENT SHALL BE LFMC.

22. OUTSIDE ABOVE GROUND CONDUITS SHALL BE RMC. CONNECTIONS TO VIBRATING EQUIPMENT SHALL BE LFMC.

23. CONDUITS MOUNTED 8'-0" AFF OR LESS. WHERE SUBJECT TO PHYSICAL DAMAGE, THE PORTION OF CONDUIT MOUNTED BELOW 8'-0" AFF SHALL BE RMC.

24. EMT CONDUIT COUPLINGS, CONNECTORS, AND FITTINGS SHALL BE STEEL HEXAGONAL COMPRESSION TYPE ONLY. SET SCREW COUPLINGS, CONNECTORS, AND FITTINGS SHALL NOT BE ALLOWED.

25. WHERE INSTALLING CONDUITS, BOXES, EQUIPMENT, ETC., IN WET OR DAMP LOCATIONS, INSTALL CONDUITS, BOXES, EQUIPMENT, ETC. AT A MINIMUM OF 1/4-INCH FROM THE MOUNTING SURFACE WITH CLAMP BACKS OR STRUT.

26. EXISTING CONDITIONS THAT ARE NOT INDICATED TO BE DEMOLISHED, BUT ARE DAMAGED AS A RESULT OF THE WORK SHALL BE REPAIRED OR REPLACED BY THE EC TO MATCH EXISTING ADJACENT CONDITIONS.

27. THE EC SHALL KEEP THE CONSTRUCTION AREA AND SURROUNDING AREAS FREE FROM THE ACCUMULATION OF WASTE MATERIALS AND DEBRIS CAUSED BY THE WORK.

28. EC SHALL VERIFY EXISTING CONDITIONS PRIOR TO EXECUTION OF THE WORK. SOME OR ALL INFORMATION ABOUT EXISTING CONDITIONS SHOWN ON THE DRAWINGS MAY BE BASED SOLELY ON EXISTING RECORD DRAWINGS AND MAY OR MAY NOT HAVE BEEN VERIFIED BY THE ARCHITECT OR ENGINEER.

29. ALL MATERIALS SHALL BE NEW AND SHALL BEAR THE 3RD PARTY LISTED APPROVAL FOR THEIR INSTALLED APPLICATION.

30. ALL DEVICES SHALL BE FLUSH-MOUNTED WITH CONCEALED WIRING UNLESS NOTED OTHERWISE.

31. FOR ALL ELECTRICAL CIRCUITS, EC SHALL IDENTIFY THE CIRCUIT NUMBER IN THE DESIGNATED PANEL. SHALL MARK THE CIRCUIT NUMBER ON THE DRAWINGS, AND SHALL TURN OVER THE MARKED UP DRAWINGS TO OWNER. EC SHALL UPDATE THE PANEL SCHEDULES UPON COMPLETION OF CONSTRUCTION. IN THE EVENT THE PANEL(S) DO NOT HAVE ADEQUATE SPARE CIRCUITS OR CAPACITY, EC SHALL NOTIFY OWNER FOR RESOLUTION OF ISSUE.

32. NEW AND EXISTING PANEL SCHEDULES SHALL BE UPDATED (TYPED-ONLY) UPON COMPLETION OF THE WORK TO ACCURATELY INDICATE INSTALLED CONDITIONS.

33. EC SHALL BE LICENSED IN NC, AND SHALL INSTALL ALL ELECTRICAL EQUIPMENT, WIRING, DEVICES, ETC. AS PER NEC, AND OTHER APPLICABLE STATE AND LOCAL CODES.
- LEGEND

Ⓜ

JUNCTION BOX/DEVICE BOX WITH COVER. LOCATE AS REQUIRED FOR EQUIPMENT SERVED.

▽

DATA OUTLET, WALL MOUNTED. 18" AFF UNO. EC SHALL PROVIDE 2"x4" OUTLET BOX WITH BLANK COVER. 3/4" EMT FROM OUTLET BOX TO 1'-0" ABOVE TOP OF WALL OR DROP DOWN CEILING WITH PULL STRING.

□

DEVICE AS INDICATED.

□
XX

4' LIGHT FIXTURE ON NORMAL CIRCUIT. "XX" INDICATES FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE.

□
XX

1" LIGHT FIXTURE ON NORMAL CIRCUIT WITH EMERGENCY BATTERY BACKUP PACK. "XX" INDICATES FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE.

Ⓜ
XX

WALL MOUNTED LIGHT FIXTURE ON NORMAL CIRCUIT. "XX" INDICATES FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE.

XXXX

ELECTRICAL PANEL, SURFACE MOUNTED, TOP OF PANEL 72" AFF UNO. "XXXX" INDICATES PANEL TAG.

XXXX

ELECTRICAL PANEL, FLUSH MOUNTED, TOP OF PANEL 72" AFF UNO. "XXXX" INDICATES PANEL TAG.

XXXX

TRANSFORMER, "XXXX" INDICATES TRANSFORMER TAG.

NF

NON-FUSED DISCONNECT SWITCH, "NF" INDICATES NON-FUSED, "YY" INDICATES SWITCH AMPS.

XX
YY

FUSED DISCONNECT SWITCH, "XX" INDICATES FUSE AMPS, "YY" INDICATES SWITCH AMPS.

E#-#

REFERENCE TO ENLARGED PLAN, ELEVATION, SECTION, OR DETAIL. TOP SECTION INDICATES ENLARGED PLAN, ELEVATION, SECTION OR DETAIL NUMBER. BOTTOM SECTION INDICATES DRAWING ON WHICH ENLARGED PLAN, ELEVATION, SECTION OR DETAIL APPEARS.

①

NOTE NUMBER, WHERE "#" INDICATES NOTE NUMBER.

###

ROOM NUMBER, WHERE "###" INDICATES ROOM NUMBER.

XXXX-XX

HOMERUN TO PANELBOARD.
XXXX-XX INDICATES PANELBOARD & CIRCUIT NUMBER
(1 #10 LINE, 1 #10 NEUTRAL, 1 #10 GND, 3/4" C, UNO.)

XXXX-XX,XX

HOMERUN TO PANELBOARD.
XXXX-XX,XX INDICATES PANELBOARD & CIRCUIT NUMBER
(2 #10, 1 #10 GND, UNO, 3/4" C, UNO.)

XXXX-XX,XX,XX

HOMERUN TO PANELBOARD.
XXXX-XX,XX,XX INDICATES PANELBOARD & CIRCUIT NUMBER
(3 #10, 1 #10 GND, 3/4" C, UNO.)

UNSWITCHED CIRCUIT (2 #12, 1 #12 GND, 3/4" C, UNO.)

SWITCHED CIRCUIT (2 #12, 1 #12 GND, 3/4" C, UNO.)

Ⓜ

GROUND, EXTEND AND CONNECT TO APPROVED GROUND.
- ELECTRICAL LOAD SUMMARY
(CITY HALL)

ELECTRICAL:		VA LOAD
CONNECTED LOAD - NEW POWER		
- LIGHTING		910 VA
- LIGHTING CONTROLS		20 VA
	SUB TOTAL -	930 VA
CONNECTED LOAD - EXISTING TO BE DEMOLISHED		
- LIGHTING		606 VA
	SUB TOTAL -	606 VA
NET BUILDING LOAD = NEW - DEMO		324 VA
- ABBREVIATIONS

A	AMPS
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BKR	BREAKER
BMS	BOTTOM OF CONDUIT
BOC	CONDUIT
C	CUBIC FEET
EC	ELECTRICAL CONTRACTOR
EMT	ELECTRICAL METALLIC TUBING
ENC	ENCLOSURE
ETR	EXISTING TO REMAIN
EX	EXISTING
FMC	FLEXIBLE METAL CONDUIT
FT	FEET
GC	GENERAL CONTRACTOR
GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSE POWER
HZ	HERTZ
IMC	INTERMEDIATE METAL CONDUIT
IN	INCHES
IU	IN USE
ISO GND	ISOLATED GROUND
LFMC	LIQUID FLEXIBLE METAL CONDUIT
LTS	LIGHTS
N	NEUTRAL
NTS	NOT TO SCALE
PH	PHASE
RL	RELOCATED
RMC	RIGID METAL CONDUIT
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VA	VOLT AMPS
VAC	VOLTS AC
WP	WEATHER PROOF
XFMR	TRANSFORMER
- ELECTRICAL DRAWING INDEX

E0.1	ELECTRICAL LEAD SHEET
E1.1	ELECTRICAL 1ST FLOOR LIGHTING PLAN - CITY HALL
E1.2	ELECTRICAL LIGHTING PLANS - CITY HALL
E1.3	ELECTRICAL PANEL SCHEDULES & DETAILS
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NOTES

- ① THE EXISTING WALL MOUNTED UP LIGHT FIXTURE IS TO BE REMOVED & REPLACED WITH A NEW LED FIXTURE.
- ② THE EXISTING MC CIRCUITING THAT IS FEEDING THE FIXTURE OUTLET IS TO BE REMOVED & REPLACED WITH NEW DEDICATED CIRCUIT (LINE, NEUTRAL, GROUND, DATA). THE EXISTING CIRCUITING TO THE BELOW WALL SCONCE & THE DOWNSTREAM FIXTURES ARE TO REMAIN ON THE EXISTING CIRCUIT.

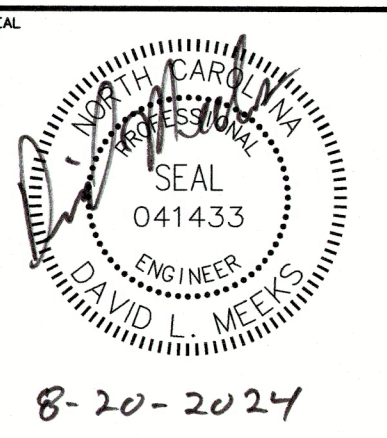


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REV	DATE	DESCRIPTION	BY	CHK
A	04-15-24	ISSUED FOR OWNER REVIEW	DLM	
B	07-10-24	ISSUED FOR OWNER REVIEW	DLM	
C	08-15-24	ISSUED FOR OWNER REVIEW	DLM	
D	08-20-24	REVISED PER OWNER REQUESTED CHANGES	DLM	

TSS PROJECT NO. 20230214

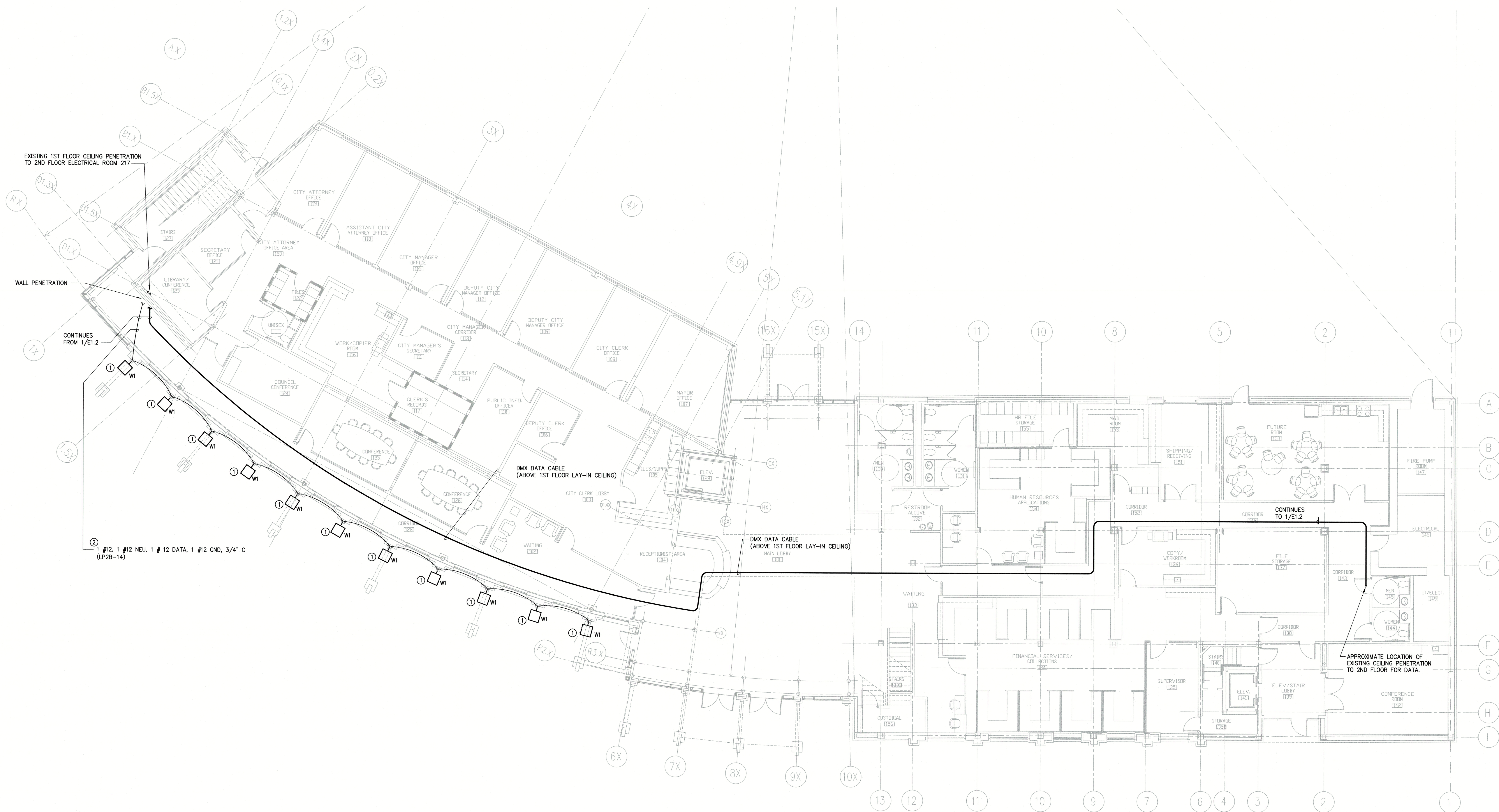
CLIENT PROJECT NO.

PROJECT TITLE
CITY OF GREENVILLE
CITY HALL
EXTERIOR LIGHTING

DRAWING TITLE
ELECTRICAL
1ST FLOOR PLAN
(CITY HALL)

DRAWING NO.

E1.1

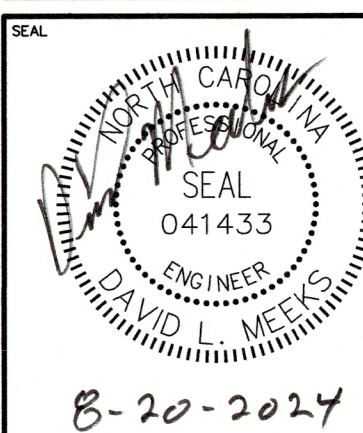


1 ELECTRICAL 1ST FLOOR PLAN
E1.1 1/8"=1'-0"



NOTES

- ① MOUNT LIGHTING CONTROLLER INSIDE 12" WIDE X 16" HIGH X 8" DEEP ENCLOSURE. MOUNT DISPLAY UNIT IN ENCLOSURE DOOR.
- ② FIXTURES MOUNTED AT WALL. KEEP CONDUITS TIGHT TO BUILDING ABOVE CONCRETE LEDGE. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING DETAILS.



	REV	DATE	DESCRIPTION	BY	CHECK
	A	04-16-74	\$958 CDS FOR OWNER REVIEW		DLM
	B	06-10-74	" " "		DLM
	C	07-29-74	SSE FOR CONSTRUCTION		DLM
	D	08-20-74	REVISD PER OWNER REQUESTED CHANGES		DLM

TEG PROJECT NO. 20230218

CLIENT PROJECT	
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PROJECT TITLE

CITY OF GREENVILLE
UPTOWN LIGHTING

DRAWING TITLE

ELECTRICAL
LIGHTING PLANS

(CITY HALL)

DRAWING NO.

E1.2

EXISTING

PANELBOARD LP2A

VOLTAGE: 208/120V, 3 PHASE, 4 WIRE 240V, 3 PHASE, 4 WIRE 480/277V, 3 PHASE, 4 WIRE V, 3 PHASE, WIRE

MOUNTING: FLUSH SURFACE MAIN: LUGS ONLY MAIN BREAKER BUS: 125 A TRIP: A FRAME: A TOP BOTTOM NEUTRAL: NONE 50% 100%

COVER: DOOR WITH LOCK DOOR WITHOUT LOCK WITH HINGABLE COVER WITHOUT HINGABLE COVER ALL BRANCH BREAKERS 20A 1 POLE UNLESS NOTED OTHERWISE U/L LISTED BREAKER INTERRUPTING CAPACITY: 22,000 A RMS. SYM. MIN.

DESCRIPTION	LOAD	CKT NO.	DESCRIPTION	LOAD	PHASE LOAD (AMPS)		
					L1	L2	L3
LTS 243, 245, 246	6.8	1	2 LIGHTS LED - FRONT EAST WALL *	1.0		7.8	
LTS 227, 228, 232, 247-249, 252, 253	8.5	3	4 SPARE	0.0		8.5	
LTS 230, 237, 256, 257	3.3	5	6 SPARE	0.0			3.3
LTS 225, 226, 231, 239	2.6	7	8 SPARE	0.0	2.6		
LTS 233-236, 250	5.0	9	10 SPARE	0.0		5.0	
LTS 238, 254, 255	4.3	11	12 SPARE	0.0			4.3
LTS 333, 334	1.3	13	14 SPARE	0.0	1.3		
LTS 322-326	4.3	15	16 SPARE	0.0		4.3	
LTS 328, 329	4.3	17	18 SPARE	0.0			4.3
LTS 330, 332, EXECISE ROOMS	5.2	19	20 SPACE	0.0	5.2		
LTS 338, 339, 340	3.5	21	22 SPACE	0.0		3.5	
LTS ELEV EQUIP ROOM	0.6	23	24 SPACE	0.0			0.6
SPARE	0.0	25	26 SPACE	0.0	0.0		
SPARE	0.0	27	28 SPACE	0.0		0.0	
SPARE	0.0	29	30 SPACE	0.0			0.0
		31	32				
		33	34				
		35	36				
		37	38				
		39	40				
		41	42				

PANELBOARD LOCATION: ELECTRICAL ROOM 246 2ND FLOOR

MANUFACTURER: MODEL/CAT. NO.: FEED: SEE ELECTRICAL ONE LINE DIAGRAM

TOTAL L1 16.9 TOTAL L2 21.3 TOTAL L3 12.6

KEY: MULTIPOLE BREAKER GFI BREAKER LOCKOFF ATTACH SWITCH DUTY PADLOCK ATTACH HACR HID RATED ARC FAULT

(EXISTING PANELBOARD SHOWN FOR REFERENCE ONLY, CIRCUITS HAVE NOT BEEN FIELD VERIFIED)
+ NEW LOAD ADDED TO EXISTING CIRCUIT BREAKER; * EXISTING SPARE CIRCUIT BREAKER TO BE USED; ~ NEW CIRCUIT BREAKER IN EXISTING SPACE;
^ NEW CIRCUIT BREAKER, EXISTING CIRCUIT BREAKER TO BE REMOVED

EXISTING

PANELBOARD LP2B

VOLTAGE: 208/120V, 3 PHASE, 4 WIRE 240V, 3 PHASE, 4 WIRE 480/277V, 3 PHASE, 4 WIRE V, 3 PHASE, WIRE

MOUNTING: FLUSH SURFACE MAIN: LUGS ONLY MAIN BREAKER BUS: 125 A TRIP: NA A FRAME: A TOP BOTTOM NEUTRAL: NONE 50% 100%

COVER: DOOR WITH LOCK DOOR WITHOUT LOCK WITH HINGABLE COVER WITHOUT HINGABLE COVER ALL BRANCH BREAKERS 20A 1 POLE UNLESS NOTED OTHERWISE U/L LISTED BREAKER INTERRUPTING CAPACITY: 22,000 A RMS. SYM. MIN.

DESCRIPTION	LOAD	CKT NO.	DESCRIPTION	LOAD	PHASE LOAD (AMPS)		
					L1	L2	L3
LTS 101, 102, 128	4.2	1	2 LTS 127, 216, 319	1.8	6.0		
LTS 105,107-109,112,115,118,119,121,123	9.0	3	4 LTS 201, 202, 224	4.7		13.7	
LTS 103, 104, 113, 120, 122	5.7	5	6 LTS 205, 206, 209, 211-215, 217	10.2			15.9
LTS 106,110,111,114,116,117,124-126, BATH	7.6	7	8 LTS 218-222	7.2	14.8		
SPARE	0.0	9	10 LTS 210	3.0		3.0	
SPARE	0.0	11	12 LTS 203, 203B, 204, 207, 208, 223	6.6			6.6
OLC2B - FRONT WEST	7.5	13	14 LED LIGHTS - FRONT WEST *	1.84	9.34		
OLC2B - FRONT EAST	1.7	15	16 SPARE	0.0		1.7	
OLC2B - BACK ENTRANCES	2.7	17	18 SPARE	0.0			2.7
OLC2B - SPARE	0.0	19	20 SPARE	0.0	0.0		
SPARE	0.0	21	22 SPARE	0.0		0.0	
SPARE	0.0	23	24 SPARE	0.0			0.0
SPACE	0.0	25	26 SPACE	0.0	0.0		
SPACE	0.0	27	28 SPACE	0.0		0.0	
SPACE	0.0	29	30 SPACE	0.0			0.0
		31	32				
		33	34				
		35	36				
		37	38				
		39	40				
		41	42				

PANELBOARD LOCATION: ELECTRICAL ROOM 217 2ND FLOOR

MANUFACTURER: SQUARE-D MODEL/CAT. NO.: NF 1219S590840110001 FEED:

TOTAL L1 30.14 TOTAL L2 18.4 TOTAL L3 25.2

KEY: MULTIPOLE BREAKER GFI BREAKER LOCKOFF ATTACH SWITCH DUTY PADLOCK ATTACH HACR HID RATED ARC FAULT

(EXISTING PANELBOARD SHOWN FOR REFERENCE ONLY, CIRCUITS HAVE NOT BEEN FIELD VERIFIED)
+ NEW LOAD ADDED TO EXISTING CIRCUIT BREAKER; * EXISTING SPARE CIRCUIT BREAKER TO BE USED; ~ NEW CIRCUIT BREAKER IN EXISTING SPACE;
^ NEW CIRCUIT BREAKER, EXISTING CIRCUIT BREAKER TO BE REMOVED

PANELBOARD RP2B2

VOLTAGE: 208/120V, 3 PHASE, 4 WIRE 240V, 3 PHASE, 4 WIRE 480/277V, 3 PHASE, 4 WIRE V, 3 PHASE, WIRE

MOUNTING: FLUSH SURFACE MAIN: LUGS ONLY MAIN BREAKER BUS: 225 A TRIP: A FRAME: A TOP BOTTOM NEUTRAL: NONE 50% 100%

COVER: DOOR WITH LOCK DOOR WITHOUT LOCK WITH HINGABLE COVER WITHOUT HINGABLE COVER ALL BRANCH BREAKERS 20A 1 POLE UNLESS NOTED OTHERWISE U/L LISTED BREAKER INTERRUPTING CAPACITY: 10,000 A RMS. SYM. MIN.

DESCRIPTION	LOAD	CKT NO.	DESCRIPTION	LOAD	PHASE LOAD (AMPS)		
					L1	L2	L3
RECP 203	3.0	1	2 HVAC CONTROLS				
RECP 204	0.0	3	4 SPARE				
REC 202	0.0	5	6 LED LIGHTING CONTROLLER *	0.5			
SPARE	0.0	7	8 SPARE				
SPARE	0.0	9	10 SPARE				
SECURITY PANELS	0.0	11	12 SPARE				
SPARE	0.0	13	14 NEW ???				
SPARE	0.0	15	16 HEATER SERVICES				
SPACE	0.0	17	18 SPACE				
SPACE	0.0	19	20 SPACE				
SPACE	0.0	21	22 SPACE				
SPACE	0.0	23	24 SPACE				
SPACE	0.0	25	26 SPACE				
SPACE	0.0	27	28 SPACE				
SPACE	0.0	29	30 SPACE				
SPACE	0.0	31	32 SPACE				
SPACE	0.0	33	34 SPACE				
SPACE	0.0	35	36 SPACE				
SPACE	0.0	37	38 SPACE				
SPACE	0.0	39	40 SPACE				
SPACE	0.0	41	42 SPACE				

PANELBOARD LOCATION: ELECTRICAL ROOM 217 2ND FLOOR

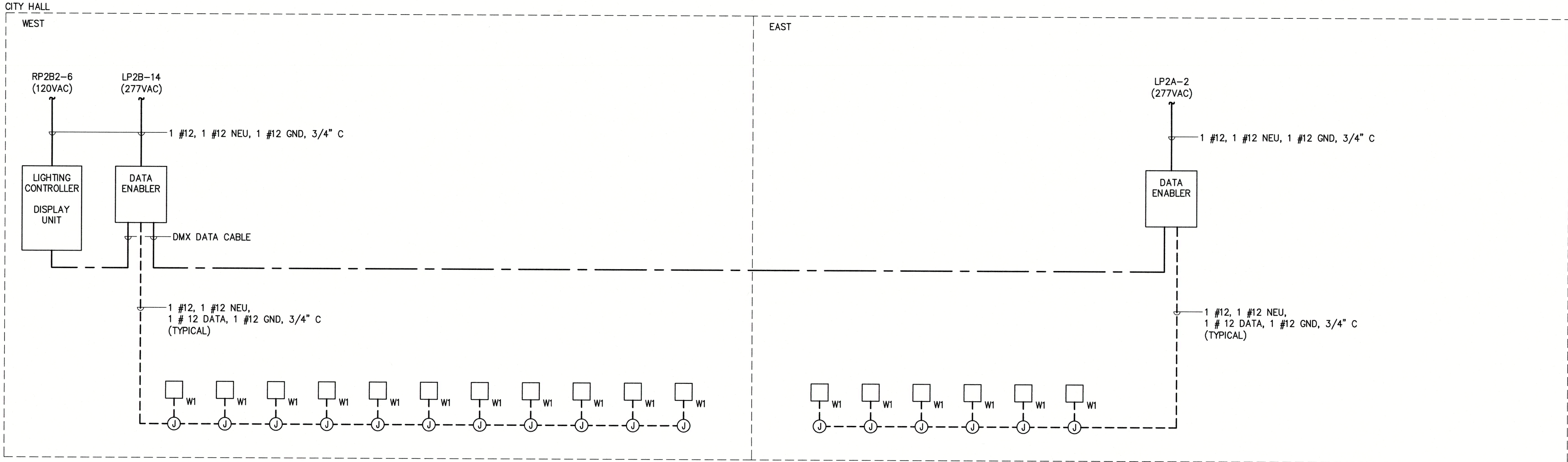
MANUFACTURER: SQUARE-D MODEL/CAT. NO.: NQ0D442L225CJ E2 FEED:

TOTAL L1 TOTAL L2 TOTAL L3

KEY: MULTIPOLE BREAKER GFI BREAKER LOCKOFF ATTACH SWITCH DUTY PADLOCK ATTACH HACR HID RATED ARC FAULT

(EXISTING PANELBOARD SHOWN FOR REFERENCE ONLY, CIRCUITS HAVE NOT BEEN FIELD VERIFIED)
+ NEW LOAD ADDED TO EXISTING CIRCUIT BREAKER; * EXISTING SPARE CIRCUIT BREAKER TO BE USED; ~ NEW CIRCUIT BREAKER IN EXISTING SPACE;
^ NEW CIRCUIT BREAKER, EXISTING CIRCUIT BREAKER TO BE REMOVED

1 ELECTRICAL LIGHTING CONTROL WIRING RISER
E1.3 NTS



NOTES
1. EC TO PROVIDE & INSTALL ALL DMX DATA CABLING. TESTING & FINAL CONNECTIONS BY EC.

LIGHTING FIXTURE SCHEDULE								
TYPE	DESCRIPTION	MANUFACTURER / CATALOG NUMBER	VOLTS	QTY.	TYPE	WATTS	COLOR	REMARKS
W1	EXTERIOR LED, 10 X 40 DEGREE BEAM ANGLE, INTELLIGENT RGBA, DMX DATA ENABLER PRO, WITH GLARE SHIELD, WET LOCATION LISTED. (SHINES UP)	COLORKINETICS 423-000028-04 (FIXTURE) 120-000185-19 (GLARE SHIELD)	277	-	LED	46.4	-	
W2	EXTERIOR LED, 10 X 40 DEGREE BEAM ANGLE, INTELLIGENT RGBA, DMX DATA ENABLER PRO, WITH GLARE SHIELD, WET LOCATION LISTED. (SHINES DOWN)	COLORKINETICS 423-000028-04 (FIXTURE) 120-000185-19 (GLARE SHIELD)	277	-	LED	46.4	-	

MISCELLANEOUS EQUIPMENT SCHEDULE	
DESCRIPTION	MANUFACTURER AND MODEL NUMBER
LIGHTING CONTROL TOUCHSCREEN WITH INTEGRAL ASTRONOMIC TIMECLOCK, SHOW CONTROL & TRIGGERING, POE, 512 CHANNELS @DMX, BLACK. PROVIDE EXTENSION UNIT (120VAC, POE, ETHERNET, DMX512, SERIAL RS232, DIGITAL INPUTS, ANALOG INPUTS, IP40)	PHAROS - TPC-BB (CONTROLLER) - EXT (EXTENSION UNIT FOR TPC CONNECTIVITY)
12" w X 16" h X 6" d STEEL ENCLOSURE WITH MOUNTING PLATE & HINGED COVER, NEMA 1	
DATA ENABLER, 100-277VAC, , DMX INPUT/OUTPUT, ETHERNET INPUT/OUTPUT, CAST ALUMINUM HOUSING, WET LOCATION LISTED	COLORKINETICS - 106-000004-00
ETHERNET CABLE, CAT5E, 24AWG 4-PAIR, SOLID BARE COPPER CONDUCTORS, SHIELDED, PENTIUM RATED (FOR DMX CABLING)	

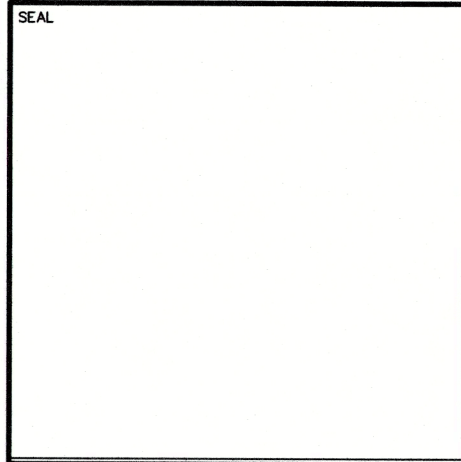
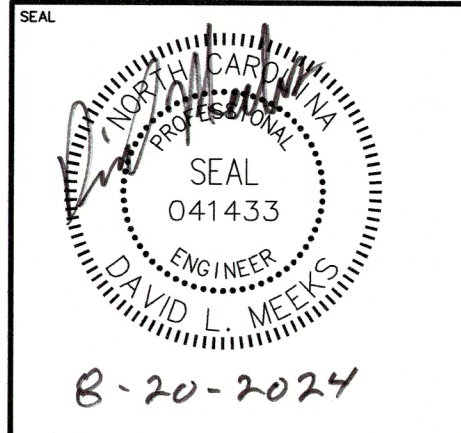
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NC Landscape Architectural License No. C-427



REV	DATE	DESCRIPTION	BY	CHK
A	04-15-24	ISSUE FOR OWNER REVIEW	DLM	
B	07-10-24	ISSUE FOR OWNER REVIEW	DLM	
C	08-20-24	ISSUE FOR OWNER REVIEW	DLM	
D	08-20-24	REVISED PER OWNER REQUESTED CHANGES	DLM	

TES PROJECT NO. 20230214

CLIENT PROJECT NO.

PROJECT TITLE
CITY OF GREENVILLE
CITY HALL
EXTERIOR LIGHTING

DRAWING TITLE
ELECTRICAL
PANEL SCHEDULES
& DETAILS
(CITY HALL)

DRAWING NO.
E1.3