

CITY OF EVANSTON

SPECIFICATIONS AND BID DOCUMENTS
Construction Bid with Sub-Contractors
Bridge Viaduct Artistic Lighting Installation

BID NUMBER: 26-35

For

July 30, 2026



BID DUE DATE: 2:00 P.M., Tuesday, August 25, 2026

BID BOND: 5% of Contract Amount

**PERFORMANCE/MATERIAL
& LABOR PAYMENT BOND: 100% of Contract Amount**

CONTRACT PERIOD: Contract award through December 31, 2026

ELECTRONIC BID SUBMITTAL:

Bid responses will only be accepted electronically
via E-bidding through DemandStar (WWW.DEMANDSTAR.COM)

**It is highly recommended that new DemandStar users complete the account
setup process prior to the project due date/time.**

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CITY OF EVANSTON

NOTICE TO BIDDERS

The City's Purchasing Office will receive bids until 2:00 P.M. local time, Tuesday, August 25, 2026, and will be publicly read virtually via Google Meets at 2:15 P.M. Interested parties can use the following link: meet.google.com/erk-vjyw-pza or join by phone 617-675-4444 PIN: 491 020 418 0044# to access the virtual bid opening. Responses will only be accepted electronically via E-bidding through DemandStar (www.demandstar.com). Although registration is required, vendors can download solicitations and upload responses for free. Bids shall cover the following:

Bridge Viaduct Artistic Lighting Installation

Bid Number: 26-35

Work on this project includes installation of lighting and fixtures, with connection to specified power sources, for five UP-owned, Metra Bridges at the following locations: Church Street, Davis Street, Dempster Street, Main Street, and Howard Street, and one CTA-owned bridge on Church Street. The selected contractor will be responsible for installation of City-owned lights and control equipment. The contractor will be responsible for providing all other electrical equipment, including wiring, standard mounting, and custom mounting. This project will be funded with American Rescue Plan Act (ARPA) funds and needs to be completed by December 31, 2026. The selected contractor will need to be registered with Sam.gov.

The above item shall conform to the Invitation for Bids on file in the Purchasing Office. Parties interested in submitting a bid should contact the Purchasing Office to receive a copy of the bid or see the City's website at: www.cityofevanston.org/business/bids_proposals.php or DemandStar at: www.demandstar.com.

This project is being funded in whole or in part by federal award number SLT-1486, from Coronavirus State and Local Fiscal Recovery Funds (SLFRF), a part of the American Rescue Program Act (ARPA), awarded to the City of Evanston, Illinois by the U.S. Department of the Treasury. Therefore, it is subject to compliance with federal regulations issued pursuant to said Act. Furthermore all interested bidders are notified that successful contractors and subcontractors are required to follow applicable Federal regulations including: Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, 2. C.F.R. Part 200 Appendix II; Universal Identifier and System for Award Management (SAM), 2 C.F.R. Part 24; Governmentwide Requirements for Drug-Free Workplace, 31 C.F.R. Part 20; New Restrictions on Lobbying, 31 C.F.R. Part 21; and generally applicable federal environmental laws and regulations. In addition, contractors and subcontractors are required to comply with standards issued under Section 570.603 of the Code of Federal Regulations, which include: the Contractor's Work Hours and Safety Standards Act (40 U.S.C. 327 et seq.), the equal opportunity

provisions of Executive Order 11246 as amended, and all other federal laws and regulations issued pertaining to labor standards and as stated in the project specifications. All specified contractors and subcontractors must obtain a Unique Entity ID and must not be listed on the Excluded Parties List System in the System for Award Management (SAM) for debarment or suspension from doing business with the United States government.

The City of Evanston (the City) in accordance with the laws of the State of Illinois, hereby notifies all Bidders that it will affirmatively ensure that the contract(s) entered into pursuant to this Notice will be awarded to the successful Bidders without discrimination on the ground of race, color, religion, sex, age, sexual orientation, marital status, disability, familial status or national origin. The State of Illinois requires, under Public Works contracts, that the general prevailing rate of wages in this locality be paid for each craft or type of worker hereunder. This requirement is in accordance with the Prevailing Wage Act (820 ILCS 130) as amended. The City of Evanston reserves the right to reject any or all submittals or to accept the submittal(s) deemed most advantageous to the City.

The Evanston City Council also reserves the right to award the contract to an Evanston firm if that firm's bid is within 5% of the low bid.

Each Bidder shall be required to submit with their bid a disclosure of ownership interest statement form in accordance with the provisions of City Code Section 1-18-1 *et seq.* Failure to submit such information will result in the disqualification of such bid.

Cheryl Stuart
Purchasing Specialist

INSTRUCTIONS TO BIDDERS/REQUIREMENTS FOR BIDDING (CONTRACTS OVER \$25,000)

1. **ONLINE NOTIFICATION OF SOLICITATIONS**

The City is utilizing Demandstar.com (www.demandstar.com) for online notification purposes only for sealed bids when it is anticipated that the amount of the resulting contract will be in excess of its formal bid limit of \$25,000, such as this requirement. Interested Bidders are required to submit a sealed bid to the City by the date/time indicated for this requirement on the forms provided by the City.

2. **SUBMISSION OF BIDS**

- A. The City of Evanston will no longer accept hard copy paper submittals for any solicitation. Responses will only be accepted electronically via E-bidding through DemandStar (WWW.DEMANDSTAR.COM). Although registration is required, vendors can download solicitations and upload bid responses for free. **Please refer to the attached DemandStar E-bidding documents.**
- B. ANY BIDS RECEIVED AFTER THE TIME AND DATE SPECIFIED FOR THE RECEIPT OF BIDS WILL NOT BE ACCEPTED. It is the sole responsibility of the Bidder to ensure that his or her bid is delivered by the stated bid opening time. THE CITY IS NOT RESPONSIBLE FOR INCOMPLETE UPLOADED SUBMITTALS.
- C. Bids will be opened on the date and time stated.
- D. Any Bidder may withdraw his or her bid by letter or with proper identification by personally securing his or her bid at any time prior to the stated bid opening time. No telephone request for withdrawal of bids will be honored.

3. **PREPARATION OF BIDS**

The Bidder must prepare the bid on the attached bid forms. Unless otherwise stated, all blank spaces on the bid form or pages must be filled in. Either a unit price, lump sum price, or a "no-bid", as the case may be, must be stated for each and every item and must be either typed in or written in ink.

4. **SIGNING OF BIDS**

- A. Bids which are signed for a partnership should be signed in the firm's name by all partners or in the firm's name by Attorney-in-Fact. If signed by Attorney-in-Fact, there should be attached to the bid a Power of Attorney evidencing authority to sign the bid, dated the same date as the bid and executed by all partners of the firm.
- B. Bids which are signed for a corporation should have the correct corporate name

thereon and signature of an authorized officer of the corporation manually written below the corporate name following words "By: " _____" title of office held by the person signing for corporation, which shall appear below signature of an officer.

- C. Bids which are signed by an individual doing business under a fictitious name should be signed in the name of the individual "doing business as. _____."
- D. The name of each person signing the bid shall be typed or printed below his or her signature.

5. CONSIDERATION OF BIDS

The Purchasing Specialist shall represent and act for the City in all matters pertaining to this bid and the contract in conjunction therewith.

6. WITHDRAWAL OF BIDS

Bidders may withdraw or cancel their bids at any time prior to the advertised bid opening time. After the bid opening time, no bid shall be withdrawn or canceled for a period of sixty (60) calendar days. When contract approval is required by another agency, such as the Federal Government or the State of Illinois, no bid shall be withdrawn or canceled for a period of ninety (90) calendar days.

7. ERRORS IN BIDS

Bidders are cautioned to verify their bids before submission. Negligence on the part of the respondent in preparing the bid confers no right for withdrawal or modification of the bid after it has been opened. In case of error in the extension of prices in the bid, unit prices will govern.

8. ADDENDA

- A. Any and all changes to the specifications/plans are valid only if they are included by written addendum to all Bidders. Each Bidder must acknowledge receipt of any addenda by indicating on the Bid form. Each Bidder, by acknowledging receipt of any addenda, is responsible for the contents of the addenda and any changes to the bid therein. Failure to acknowledge any addenda may cause the bid to be rejected.
- B. Addenda information is available over the internet at: [City of Evanston Notices to Bidders](#) or www.demandstar.com, or by contacting the Purchasing Office.

9. RESERVED RIGHTS

The City of Evanston reserves the right at any time and for any reason to cancel his or her solicitation, to accept or reject any or all bids or any portion thereof, or to accept an alternate response. The City reserves the right to waive any immaterial defect in any response. The City may seek clarification from any respondent at any time, and failure to respond within a reasonable time period, or as otherwise directed, will be cause for rejection.

10. AWARD

It is the intent of the City to award a contract to the lowest responsible Bidder meeting specifications. The City reserves the right to determine the lowest responsible Bidder on the basis of an individual item, groups of items, or in any way determined to be in the best interest of the City. Award will be based on the following factors (where applicable): (a) adherence to all conditions and requirements of the bid specifications; (b) price; (c) qualifications of the Bidder, including past performance, financial responsibility, general reputation, experience, service capabilities, and facilities; (d) delivery or completion date; (e) product appearance, workmanship, finish, taste, feel, overall quality, and results of product testing; (f) maintenance costs and warranty provisions; and (g) repurchase or residual value.

11. INTERPRETATION OR CORRECTION OF BIDDING DOCUMENTS

Bidder's shall promptly notify the City of any ambiguity, inconsistency, or error that they discover upon examination of the bidding documents. Interpretations, corrections, and changes will be made by addendum. Each Bidder shall ascertain prior to submitting a bid that all addenda have been received and are acknowledged in the bid.

12. INCONSISTENCIES AND OMISSIONS

These specifications and the accompanying plans, if any, are intended to include all information necessary for the work contemplated. If, by inadvertence or otherwise, the plans or specifications omit some information necessary for that purpose, the contractor shall, nevertheless, be required to perform such work at no additional cost to the City so that the project may be completed according to the true intent and purpose of the plans and specifications.

13. CONDITIONS

Bidders are advised to become familiar with all conditions, instructions, and specifications governing his or her bid. Once the award has been made, failure to have read all the conditions, instructions and specifications of this contract shall not permit the Bidder to amend contract or to request additional compensation.

14. VERIFICATIONS OF DATA

- A. It is understood and agreed that the unit quantities given in these specifications are approximate only, and the contractor shall verify these quantities before bidding as no claim shall be made against the City on, or account of, any excess or deficiency in the same.
- B. The contractor shall have visited the premises and determined for itself, by actual observation, boring, test holes, or other means, the nature of all soil and water conditions (both above and below ground in the line of work) that may be encountered in all construction work under this contract. The cost of all such inspection, borings, etc. shall be borne by the contractor, and no allowance will be made for the failure of the contractor to estimate correctly the difficulties

attending the execution of the work.

15. SPECIFICATIONS

Reference to brand names and numbers is meant to be descriptive, not restrictive, unless otherwise specified. Bids on equivalent items will be considered, provided the Bidder clearly states exactly what is proposed to be furnished, including complete specifications. Unless the Bidder specifies otherwise, it is understood the Bidder is offering a referenced brand item as specified or is bidding as specified when no brand is referenced, and does not propose to furnish an "equal." The City reserves the right to determine whether a substitute offer is equivalent to, and meets the standard of quality indicated by the brand name and number.

16. SAMPLES

When samples of items are called for by the specifications, samples must be furnished free of expense, and if not destroyed in the evaluation process will be returned at the Bidder's expense upon request. Request for the return of samples must accompany the sample and must include a UPS/Fed-Ex Pickup Slip, postage, or other acceptable mode of return. Individual samples must be labeled with Bidder's name, invitation number, item reference, manufacturer's brand name and number.

17. REGULATORY COMPLIANCE

Each Bidder represents and warrants that the goods or services furnished hereunder (including all labels, packages and containers for said goods) comply with all applicable standards, rules and regulations in effect under the requirements of all Federal, State, and local laws, rules and regulations as applicable, including the Occupational Safety and Health Act as amended, with respect to design, construction, manufacture, or use for their intended purpose of said goods or services. Each Bidder must furnish a "Material Safety Data Sheet" in compliance with the Illinois Toxic Substances Disclosure to Employees Act when required.

18. PRICING

The price quoted for each item is the full purchase price, including delivery to destination, and includes all transportation and handling charges, materials or service costs, patent royalties, and all other overhead charges of every kind and nature. Unless otherwise specified, prices shall remain firm for the contract period.

19. DISCOUNTS

Prices quoted must be net after deducting all trade and quantity discounts. Where cash discounts for prompt payment are offered, the discount period shall begin with the date of receipt of a correct invoice or receipt or final acceptance of goods, whichever is later.

20. INSPECTION

Materials or equipment purchased are subject to inspection and approval at the City's destination. The City reserves the right to reject and refuse acceptance of items which are not in accordance with the instructions, specifications, drawings or data of Seller's warranty (express or implied). Rejected materials or equipment shall be removed by, or at the expense of, the Seller promptly after rejection.

21. BIDS AND PLAN DEPOSITS

- A. When required on the cover sheet, all bids shall be accompanied by a bid deposit in the amount specified. Bid deposits shall be in the form of cash, a certified check, or cashier's check drawn on a responsible bank doing business in the United States and shall be made payable to the City of Evanston. Bid Bonds are also acceptable. All bids not accompanied by a bid deposit, when required, will be rejected.
- B. The City will return the bid deposits of all but the 3 lowest qualified Bidders, whose deposit will be held until contract award or at the expiration of the sixty-day or ninety-day period for bid award.
- C. The bid deposit of the successful Bidder will be retained until contract documents have been executed and the Contractor has submitted all the required information. Failure to comply with the terms of this specification may be cause for forfeiture of said deposit.
- D. When required, plan deposits will be refunded should the plans be returned in good condition within 10 days of the bid opening.

22. DISPUTES

Any dispute concerning a question of fact arising under this bid shall be decided by the Purchasing Specialist, who shall issue a written decision to the Bidder. The decision of the Purchasing Specialist shall be final and binding.

23. CATALOGS

Each Bidder shall submit, when requested by the Purchasing Specialist, catalogs, descriptive literature, and detailed drawings, fully detailing features, designs, construction, appointments, finishes and the like not covered in the specifications, necessary to fully describe the material or work proposed to be furnished.

24. TAXES

- A. Federal Excise Tax does not apply to materials purchased by the City of Evanston by virtue of Exemption Certificate No. A-208762, Illinois Retailers' Occupation Tax, Use Tax, and Municipal Retailers' Occupation Tax do not apply to materials or services purchased by the City of Evanston by virtue of Statute.
- B. The City of Evanston is exempt from Illinois Sales Tax by virtue of Exemption Identification number E9998-1750.
- C. The City's federal tax ID number is 36-6005870.

25. PERMITS & FEES

All Bidders awarded a contract must secure and pay for any licenses required by the City of Evanston. Necessary building permits will be required, but all permit fees will be waived and moneys for same must not be included in any bid.

26. ROYALTIES & PATENTS

Seller must pay all royalties and license fees. Seller must defend all suits or claims for infringement of any patent, copyright or trademark rights, and must hold the City harmless from loss on account thereof.

27. LOCAL PREFERENCE POLICY

The Evanston City Council reserves the right to award the contract to an Evanston firm if the firm's bid is within five (5%) percent of the low bid of a non-Evanston firm.

28. RESPONSIBLE BIDDER POLICY

All contractors must follow the requirements of Ordinance 1-O-26, the City's Responsible Bidder Ordinance. Ordinance 1-O-26 is attached hereto for reference. The following items are required of all contractors:

- **Local Employment Program (LEP):** Contractors must ensure that at least 15% of total on-site work hours are performed by Evanston residents and that at least one Evanston resident is hired. These obligations apply across all tiers of subcontractors and must be documented.
- **Apprenticeship Training Program:** Bidders shall submit evidence of enrollment in a U.S. Department of Labor registered Apprenticeship Training Program for each construction craft performed. These programs must have graduated at least five apprentices in each of the last five years.
- **Minimum Performance Threshold:** Named bidder must directly perform at least 25% of project services. Affiliates or subsidiaries do not count toward this percentage.
- **Commercially Useful Function:** All contractors and subcontractors must actively manage and perform contract work. Excessive subcontracting or pass-through participation may result in disqualification.
- **Subcontractor Disclosure:** Submit the name, address, and documentation for all subcontractors with bid. Each subcontractor must comply with all requirements set forth in this template.

29. POWER OF ATTORNEY

An Attorney-In-Fact, who signs any and all of the bond or contract bonds submitted with this bid, must file with each bond a certified and effectively dated copy of their Power of Attorney. These dates should be the same or after the date of the contract.

30. WARRANTY

- A. The contractor warrants that all goods and services furnished to the City shall be in accordance with specifications and free from any defects of workmanship and materials: that goods furnished to the City shall be merchantable and fit for the City's described purposes, and that no governmental law, regulation, order, or rule has been violated in the manufacture or sale of such goods.
- B. The contractor warrants all equipment furnished to be in acceptable condition, and to operate satisfactorily for a period of one (1) year from delivery of, or the completion of installation, whichever is latest, unless stated otherwise in the specifications, and that if a defect in workmanship and/or quality of materials are evidenced in this period, the Seller shall remit full credit, replace, or repair at City's discretion immediately, such equipment and/or parts that are defective at no additional cost to the City.
- C. The contractor warrants to the City that each item furnished hereunder, and any component part thereof, will be new and in conformity with the specifications in all respects, unless otherwise specified, and is of the best quality of its respective kind, free from faulty workmanship, materials, or design, and installed sufficiently to fulfill any operating conditions specified by the City.
- D. The contractor shall repair or replace any item or component part thereof found not to be in conformity with this paragraph provided the City notified the Seller of such nonconformity within one (1) year after initial use or within eighteen (18) months after delivery, whichever occurs first. In the event Seller fails to proceed diligently to so replace or repair within a reasonable time after receipt of such notice, the City may undertake or complete such replacement or repair for Seller's account, and the seller will be responsible for any additional costs. Acceptance shall not relieve the seller of its responsibility.

31. INCURRED COSTS

The City will not be liable for any costs incurred by Bidders in replying to this invitation for bids.

32. VARIANCES

Each Bidder must state or list by reference any variations to specifications, terms and/or conditions set forth herein with its bid.

33. INDEMNIFICATION

- A. The awarded Bidder/Contractor shall defend, indemnify and hold harmless the City and its officers, elected and appointed officials, agents, and employees from any and all liability, losses, or damages as a result of claims, demands, suits, actions, or proceedings of any kind or nature, including but not limited to costs, and fees, including attorney's fees, judgments or settlements, resulting from or arising out of any negligent or willful act or omission on the part of the Contractor

or Contractor's sub-contractors, employees, agents or sub-contractors during the performance of this Agreement. Such indemnification shall not be limited by reason of the enumeration of any insurance coverage herein provided. This provision shall survive completion, expiration, or termination of this Agreement.

- B. Nothing contained herein shall be construed as prohibiting the City, or its officers, agents, or employees, from defending through the selection and use of their own agents, attorneys, and experts, any claims, actions or suits brought against them. The Contractor shall be liable for the reasonable costs, fees, and expenses incurred in the defense of any such claims, actions, or suits. Nothing herein shall be construed as a limitation or waiver of defenses available to the City and employees and agents, including but not limited to the Illinois Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10/1-101 *et seq.*
- C. At the City Corporation Counsel's option, Contractor must defend all suits brought upon all such Losses and must pay all costs and expenses incidental to them, but the City has the right, at its option, to participate, at its own cost, in the defense of any suit, without relieving Contractor of any of its obligations under this Agreement. Any settlement of any claim or suit related to this Project by Contractor must be made only with the prior written consent of the City Corporation Counsel, if the settlement requires any action on the part of the City.
- D. To the extent permissible by law, Contractor waives any limits to the amount of its obligations to indemnify, defend, or contribute to any sums due under any Losses, including any claim by any employee of Contractor that may be subject to the Illinois Compensation Act, 820 ILCS 305/1 *et seq.* or any other related law or judicial decision, including but not limited to, *Kotecki v. Cyclops Welding Corporation*, 146 Ill. 2d 155 (1991). The City, however, does not waive any limitations it may have on its liability under the Illinois Workers Compensation Act, the Illinois Pension Code or any other statute.
- E. The Contractor shall be responsible for any losses and costs to repair or remedy work performed under this Agreement resulting from or arising out of any act or omission, neglect, or misconduct in the performance of its Work or its sub-contractors' work. Acceptance of the work by the City will not relieve the Contractor of the responsibility for subsequent correction of any such error, omissions and/or negligent acts or of its liability for loss or damage resulting therefrom.
- F. All provisions of this Section 32 shall survive completion, expiration, or termination of this Agreement.

34. DEFAULT

Time is of the essence as to the awarded contract and, of delivery or acceptable items or rendering of services is not completed by the time promised, the City

reserves the right, without liability, in addition to its other rights and remedies, to terminate the contract by notice effective when received by Seller, as to stated items not yet shipped or services not yet rendered and to purchase substitute items or services elsewhere and charge the Seller with all losses incurred. The City shall be entitled to recover its attorney's fees and expenses in any successful action by the City to enforce this contract.

35. GOVERNING LAW

This contract shall be governed by and construed according to the laws of the State of Illinois. In the event of litigation, the venue will be Cook County, Illinois.

36. EQUAL EMPLOYMENT OPPORTUNITY

- A. In the event of the contractor's noncompliance with any provision of the Illinois Human Rights Act or Section 1-12-5 of the Evanston City Code, the contractor may be declared non-responsible and therefore ineligible for future contracts or sub-contracts with the City of Evanston, and the contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by Statute or regulation.
- B. During the performance of this contract, the contractor agrees as follows:
1. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry, or age or physical or mental handicap that does not impair ability to work, and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization. Contractor shall comply with all requirements of City of Evanston Code Section 1-12-5.
 2. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, national origin or ancestry.
 3. That, if it hires additional employees in order to perform this contract, or any portion hereof, it will determine that availability (in accordance with the Fair Employment Commission's Rules and Regulations for Public Contracts) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
 4. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the contractor's obligations under the Illinois Fair Employment Practices Act and the Fair Employment Practices Commission's Rules and

Regulations for Public Contracts. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules and Regulations, the contractor will promptly so notify the Illinois Fair Employment Practices Commission and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations hereunder.

5. That it will submit reports as required by the Illinois Fair Employment Practices Commission's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Fair Employment Practices Commission or the contracting agency, and in all respects comply with the Illinois Fair Employment Practices Commission's Rules and regulations for Public Contracts.
6. That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency, the City Manager, the Commission and the Illinois Fair Employment Practices Commission for purposes of investigation to ascertain compliance with the Illinois Fair Employment Practices Act and the Fair Employment Practices Act and the Fair Employment Practices Commission's Rules and Regulations for Public Contract.
7. That it will include verbatim or by reference the provisions of subsections (A) through (G) of this clause in every performance sub-contract as defined in Section 2.10(b) of the Fair Employment Practices Commission's Rules and Regulations for Public Contracts so that such provisions will be binding upon every such sub-contractor; and that it will also include the provisions of subsections (A), (E), (F), and (G) in every supply sub-contract as defined in Section 2.10(a) of the Fair Employment Practices Commission's Rules and Regulations for Public Contracts so that such provisions will be binding upon every such sub-contractor. In the same manner as with other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by all its sub-contractors; and further it will promptly notify the contracting agency and the Illinois Fair Employment Practices Commission in the event any sub-contractor fails or refuses to comply therewith. In addition, no contractor will utilize any sub-contractor declared by the Fair Employment Practices Commission to be non-responsible and therefore ineligible for contracts or sub-contracts with the State of Illinois or any of its political subdivisions or municipal corporations.

37. M/W/D/EBE GOAL

The City of Evanston has a goal of awarding 25% of its contracts to Minority-Owned, Women-Owned, Disadvantaged Enterprise, and Evanston-based businesses (M/W/D/EBEs). All Bidders must state the proposed involvement of M/W/D/EBEs in completing a portion of the services required by the City by completing the attached M/W/D/EBE forms. Any questions regarding

M/W/D/EBE compliance should be submitted in writing to Tammi Nunez, Purchasing Manager at tnunez@cityofevanston.org.

38. LOCAL EMPLOYMENT PROGRAM REQUIREMENTS

In an effort to increase hiring of economically disadvantaged Evanston residents on certain City construction projects, the contractor shall comply with the provisions of the City of Evanston's Local Employment Program Ordinance (LEP) set forth in Section 1-17-1 (C) of the Evanston City Code. The intent of the LEP is to have Evanston residents employed at the construction site as laborers, apprentices, and journeymen in such trades as electrical, HVAC, carpenters, masonry, concrete finishers, truck drivers, and other construction occupations necessary for the project. Any questions regarding LEP compliance should be submitted in writing to Joseph Fields, the Workforce Development Manager at jfields@cityofevanston.org or Tammi Nunez, Purchasing Manager at tnunez@cityofevanston.org.

NOTE: CITY OF EVANSTON ORDINANCE 60-O-14 AMENDMENT LOCAL EMPLOYMENT PROGRAM (LEP) available on the city website at: [Ordinance 60-O-14 Amendment LEP](#)

39. BIDDER SUBMITAL REQUIREMENTS FOR RESPONSIBLE BIDDER ORDINANCE

Documentation or Certification	Description
OSHA Certification	10-hour or greater OSHA safety card copies for all employees on-site
Prevailing Wage Compliance	Statement confirming 5-year compliance with the Illinois Prevailing Wage Act
Substance Abuse Program	Copy of written program per 820 ILCS 265/1
Workers' Compensation Policy	Active policy and classification documentation
UI Act Registration	IDES current registration
Corporate Status	Illinois Secretary of State Business Services record
Tax and Legal Disclosures	List of liens, judgments, or violations from the last 5 years
Business Licenses	Copies of all relevant licenses with current status
Statement of Similar Projects	Last 5 years' public works projects with references
Performance History	Public body contracts completed in the last 3 years
Subcontractor Information	Full documentation for each subcontractor
Sam.gov ID Number	ID Number to be used on projects with State or Federal Funding

If applicable, compliance documentation under:

- Davis-Bacon and Related Acts
- Employee Certification Act
- 720 ILCS 5/33-11 Anti-Bid Rigging Certification

Additional contractor responsibilities include:

- Submission of certified payrolls within five (5) working days of each pay period end
- Identification of all employees by name, address, craft, status, and hire date
- Documentation that all employees are properly classified and licensed
- Notification within two (2) business days of any resident employee resignations or terminations
- Replacement of Evanston resident employees within five (5) business days to avoid penalties
- Provision of required documentation prior to any subcontractor commencing work

Failure to meet these requirements may result in penalties of up to 1% of the approved project price and may jeopardize future eligibility for City contracts.

40. QUESTIONS

All questions related to this bid document should be submitted in writing to Cheryl Stuart, Purchasing Specialist at cstuart@cityofevanston.org with a copy to Katie Boden, at kboden@cityofevanston.org Only inquiries received a minimum of seven (7) working days prior to the date set for the opening of bids, will be given any consideration.

41. COORDINATION OF EXISTING SITE WITH DRAWINGS

- A. Before submitting a bid, bidders shall carefully examine the drawings and specifications, visit the site, and fully inform themselves as to all conditions and limitations.
- B. Should a bidder find discrepancies in, or omissions from the drawings or specifications, or should be in doubt as to their meaning, the bidder should at once notify the Purchasing Specialist, who will issue necessary instructions to all bidders in the form of an addendum.

42. AFFIRMATIVE ACTION IN SUB-CONTRACTING (EXCERPT FROM RESOLUTION 59-R-73)

“Contractor agrees that he shall actively solicit bids for the sub-contracting of goods or services from qualified minority businesses. At the request of the City, Contractor shall furnish evidence of his compliance with this requirement of minority solicitation. Contractor further agrees to consider the grant of sub-

contracts to said minority bidders on the basis of substantially equal bids in the light most favorable to said minority businesses. Contractor further affirms that in obtaining his performance and bid bonds, he will seek out and use companies who have records of, and/or who will make commitments to, the bonding of minority contractors on a rate basis comparable to their bonding of similar non-minority contractors. The contractor may be required to submit this evidence as part of the bid or subsequent to it.”

43. COMPLIANCE WITH LAWS

- A. The bidder shall at all times observe and comply with all laws, ordinances, and regulations of the Federal, State, Local, and City Governments, which may in any manner affect the preparation of bids or the performance of the contract.

44. QUALIFICATION OF BIDDERS

- A. All bidders must be qualified in accordance with the instructions, procedures, and methods set forth in this specification.
- B. In awarding contract, City may take into consideration, skill, facilities, capacity, experience, ability, responsibility, previous work, financial standing of bidder, amount of work being carried on by bidder, quality and efficiency of construction equipment proposed to be furnished, period of time within which proposed equipment is furnished and delivered, necessity of prompt and efficient completion of work herein described. Inability of any bidder to meet the requirements mentioned above may be cause for rejection of the bid. In addition, if the project covered by this contract is a minority set-aside project, the contractor's qualifications as a minority firm will determine the eligibility of the contractor to bid.

45. COMPETENCY OF BIDDER

- A. No bid will be accepted from or contract awarded to any person, firm or corporation that is in arrears or is in default to the City of Evanston upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligation to said City, or had failed to perform faithfully any previous contract with the City.
- B. The bidder, if requested, must present within forty-eight (48) hours evidence satisfactory to the Purchasing Manager of performance ability and possession of necessary facilities, pecuniary resources and adequate insurance to comply with the terms of these specifications and contract documents.

46. PREFERENCE TO CITIZENS

The Contractor shall abide by the Illinois Preference Act, 30 ILCS 570 et seq., which stipulates that whenever there is a period of excessive unemployment in Illinois, defined as any month immediately following two (2) consecutive months during which the level of unemployment in Illinois exceeds five percent (5%) as measured by the U.S. Bureau of Labor Statistics in its monthly publication of employment and unemployment figures, the Contractor

shall employ only Illinois laborers unless otherwise exempted as so stated in the Act. ("Illinois laborer" means any person who has resided in Illinois for at least 30 days and intends to become or remain an Illinois resident.) Other laborers may be used IF Illinois laborers are not available or are incapable of performing the particular type of work involved, if so certified by the Contractor and approved by the project engineer.

47. PROJECT FUNDING FEDERAL AWARD REQUIREMENTS

This project is being funded in whole or in part by federal award number SLT-1486, from Coronavirus State and Local Fiscal Recovery Funds (SLFRF), a part of the American Rescue Program Act (ARPA), awarded to the City of Evanston, Illinois by the U.S. Department of the Treasury. Therefore, it is subject to compliance with federal regulations issued pursuant to said Act. Furthermore all interested bidders are notified that successful contractors and subcontractors are required to follow applicable Federal regulations including: Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, 2. C.F.R. Part 200; Universal Identifier and System for Award Management (SAM) , 2 C.F.R. Part 24; Governmentwide Requirements for Drug-Free Workplace, 31 C.F.R. Part 20; New Restrictions on Lobbying, 31 C.F.R. Part 21; and generally applicable federal environmental laws and regulations. In addition, contractors and subcontractors are required to comply with standards issued under Section 570.603 of the Code of Federal Regulations, which include: the Contractor's Work Hours and Safety Standards Act (40 U.S.C. 327 et seq.), the equal opportunity provisions of Executive Order 11246 as amended, and all other federal laws and regulations issued pertaining to labor standards and as stated in the project specifications. All specified contractors and subcontractors must obtain a Unique Entity ID and must not be listed on the Excluded Parties List System in the System for Award Management (SAM) for debarment or suspension from doing business with the United States government.

GENERAL CONDITIONS

1. BASIS OF AWARD

The City of Evanston reserves the right to award a contract to a responsive and responsible Bidder(s) who submits the lowest total bid, or to reject any or all bids and bidding, when in its opinion the best interest of the City will be served by such action. The City reserves the right to consider the specified alternates in its evaluation of the bids.

2. BIDS (Select Unit Price Bid or Lump Sum Bid)

A. LUMP SUM BID

1. The bidder is to submit a lump sum bid for each bid line on the Bid Form which includes all costs incidental to performing the specified work. It is understood and agreed that the unit quantities given in the supporting pages are approximate only and the bidder shall verify these quantities before bidding as no claim shall be made against the City on account of any excess or deficiency in the same.

2. Unit prices given in the supporting pages shall be used by the City and the Contractor for any subsequent changes in the contract.

3. QUANTITIES

Any quantities shown on the Bid Form are estimated only for bid canvassing purposes, the City has made a good faith effort to estimate the quantity requirements for the Contract term. The City reserves the right to increase or decrease quantities ordered under this contract.

4. CONTRACT TERM

Bidder must fully complete the work within the period specified herein after award of the contract by the City.

5. NOTICE TO PROCEED/ PURCHASE ORDER/ CONTRACT

A. The City issued Purchase Order serves as the City official Notice to Proceed. No work will be allowed prior to Contractor receipt of the City issued Purchase Order.

B. Upon approval of the required bonds and insurance documents, the City will issue a Purchase Order to the Contractor for the contract amount. All Applications for Payment must reference the Purchase Order number.

C. When it is necessary to issue a Change Order that increases/decreases the contract amount, a Change Order form will be issued and a modified Purchase Order will be issued reflecting the revised contract amount.

- D. When it is necessary to issue a Change Order that only increases/decreases the contract period, only a Change Order form will be issued, establishing the revised contract period.
- E. Upon Award, the contractor shall execute the Contractor Services Agreement.

6. PAYMENT

- A. Progress payments will be made in accordance with “Applications for Payment” and “Project Closeout” sections of the specifications, **before 50% completion**, less a 10% retainage for each payment; **at or after 50% completion**, less a 5% retainage for each payment, which will be held until final acceptance of the work by the City. Certification of each Application for Payment will be made by the City’s representative.
- B. All payments will be made in accordance with the *Illinois Local Government Prompt Payment Act*.

7. DECISIONS TO WITHHOLD CERTIFICATION FOR PAYMENT

- A. The City may not certify payment and may withhold payment in whole or in part, to the extent reasonably necessary to protect the City, if the quality of the work is not in accordance with the contract documents. If the City is unable to certify payment in the amount of the invoice, the City will promptly issue payment for the amount of the Work completed in accordance with the contract documents. The City may not certify payment due to any contractor negligence or contract non-compliance.
 - a. Defective work not remedied
 - b. Third-party claims filed or reasonable evidence indicating probable filing of such claims
 - c. Failure of Contractor to make payments properly to Sub-contractors for labor, materials or equipment
 - d. Reasonable evidence that the work cannot be completed for the unpaid balance of the Contract Sum
 - e. Damage to the City or another contractor
 - f. Reasonable evidence that the work will not be completed within the Contract period and that the unpaid balance would not be adequate to cover actual or liquidated damages for the anticipated delay
 - g. Persistent failure to carry out work in accordance with the Contract Documents.

8. CHANGES IN WORK (Delete D. if Lump Sum Bid)

- A. The City reserves the right to make changes in the plans and specifications by altering, adding to, or deducting from the work, without invalidating the contract. All such changes shall be executed under the conditions of the original contract, except that any claim for extension of time caused thereby shall be adjusted at the time of ordering such change.

- B. No change shall be made unless a written Change Order and/or modified Purchase Order is issued by the City stating that the City has authorized the change, and no claim for an addition to the contract shall be valid unless so ordered.
- C. If such changes diminish the quantity of work to be done they shall not constitute a claim for damage or anticipated profits on the work, such increase shall be paid in one or more of the following ways:
 - 1. by estimate and acceptance in lump sum
 - 2. by unit prices named in the contract's bid form or subsequently agreed upon
- D. Whenever the quantity of any pay item as given in the proposal shall be increased or decreased, payment shall be made on the basis of the actual quantity completed at the unit price for such pay item named in the proposal.

9. DEDUCTION FOR UNCORRECTED WORK

If the City deems it expedient to correct work damaged or not done in accordance with the contract, the difference in value, together with a fair allowance for damage shall be deducted from the contract amount due. The value of such deduction shall be determined by the City.

10. CITY'S RIGHT TO TERMINATE CONTRACT

The City reserves the right, in addition to other rights to termination, to terminate the contracts in accordance with all provisions of the executed contract.

11. LIENS

- A. Neither the final payment nor any part of any retained percentages, shall become due until the contractor, if required, delivers to the City, a complete release of all liens arising out of this contract, or receipts in full in lieu thereof and, if required in either case, an affidavit that so far as it has knowledge or information the releases and receipts include all the labor and material for which a lien could be filed. If any lien remains unsatisfied after all payments are made the contractor shall refund to the City all moneys that the latter may be compelled to pay in discharging such a lien, including all costs and attorney's fees.

12. SEPARATE CONTRACTS

- A. The City reserves the right to let other contracts in connection with this work. The contractor shall afford other contractors' reasonable opportunity for the introduction and storage of their materials and the execution of their work and shall properly connect and coordinate his or her work with theirs. If any part of the contractor's work depends on proper execution or results upon the work of any other contractor, the contractor shall inspect and promptly report to the City

any defects in such work that render it unsuitable for such proper execution and results. His or her failure to so inspect and report shall constitute an acceptance of other contractor's work as fit and proper.

- B. To insure the proper execution of his or her subsequent work, the contractor shall measure work already in place and shall at once report to the City any discrepancy between the executed work and the drawings which will affect his or her work.

13. PROTECTION & SAFEGUARDS

- A. Unless otherwise specified, the contractor, as a part of this contract, shall provide, erect, and maintain temporary roads, fences, bracing, lights, warning signs, barricades, etc. necessary for the protection of the construction materials, adjacent property and the public.
- B. The contractor shall contact all utilities which will be affected by its operations and notify the owners of the utilities of its operations and their limits within forty-eight (48) hours prior to beginning construction. The contractor shall be responsible for damage to utilities and shall, at his or her own expense, restore such property to a condition equal to that which existed before its work, as may be directed by the owners.
- C. The contractor shall protect all work and unused materials of this contract from any and all damage and shall be solely responsible for the condition of such work and materials.

14. MATERIAL STORAGE

- A. On-site areas may be designated for material/equipment storage. The contractor will assume all risk and liability associated with the storage of material/equipment at on-site locations.

15. CLEANING UP

- A. The contractor shall at all time keep the premises free from accumulation of waste material or rubbish caused by its employees or work and at the completion of the work it shall remove all its rubbish, tools, and surplus materials from the premises, leaving the area in a neat and workmanlike condition. In case of dispute, the City may remove the rubbish and charge the cost to the contractor.
- B. Contractor recognizes that proper cleanup and removal of construction debris is an important safety consideration. The Contractor shall be solely responsible for daily construction site/area cleanup and removal of all construction debris in accordance with City-approved disposal practices. Contractor shall be solely responsible for identifying and removing at its expense all hazardous material and waste which it uses and generates.

16. RESTORATION OF SITE

- A. Prior to final payment, contractor shall fully restore all property disturbed or

damaged during the course of this work. This includes, but is not limited to public property, (walks, curbs, roadways, trees, etc.) private property, and utilities. This shall also include removal of temporary facilities erected during the course of this contract and restoration of these areas.

- B. All restoration work shall be subject to the approval of the City and shall restore the property to a condition at least equal to that existing prior to the start of this contract.
- C. All restoration work of property damaged by contractor shall be accomplished at the sole expense of the contractor.

17. PREVAILING WAGE

- A. Prospective Bidders shall thoroughly familiarize themselves with the provisions of the above-mentioned Act and shall prepare any and all bids/bids in strict compliance therewith.
- B. **Effective September 1st - All work performed on new and existing projects must be submitted to Illinois Department of Labor through the certified transcript of payroll portal.** You may access the portal here:
[Certified Transcript of Payroll Portal](#)[Certified Transcript of Payroll Portal](#)

All contractors and sub-contractors on public works projects **must submit and upload certified payrolls** on a monthly basis to the **IDOL** online portal, provide a pdf copy to the City's project manager and business work force development coordinator, along with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than the required prevailing rate and that the contractor is aware that filing records her or she knows to be false is a Class B misdemeanor.

- C. The certified payroll record must include for every worker employed on the public works project the name, address, telephone number, social security number, job classification, hourly wages paid in each pay period, number of hours worked each day, and starting and ending time of work each day. These certified payroll records are considered public records and public bodies must make these records available to the public under the Freedom of Information Act, with the exception of the employee's address, telephone number and social security number. Any contractor who fails to submit a certified payroll or knowingly files a false certified payroll is guilty of a Class B misdemeanor.
- D. All certified payrolls shall be submitted in electronic format, preferably a PDF file.
- E. As a condition of receiving payment, Contractor must (i) be in compliance with the Agreement, (ii) pay its employees prevailing wages when required by law (Examples of prevailing wage categories include public works, printing, janitorial, window washing, building and grounds services, site technician services, natural

resource services, security guard and food services). Contractor is responsible for contacting the Illinois Dept. of Labor 217-782-1710; <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/prevailing-wage-act.aspx> compliance with prevailing wage requirements), (iii) pay its suppliers and sub-contractors according to the terms of their respective contracts, and (iv) provide lien waivers to the City upon request.

18. CONTRACTOR REQUIREMENTS

- A. The Contractor shall abide by and comply with all local, State and federal laws and regulations relating to contracts involving public funds and the development/construction of public works, buildings, or facilities. The scale of wages to be paid shall be obtained from Illinois Department of Labor and posted by the Contractor in a prominent and accessible place at the project work site.
- B. The Contractor certifies it has not been barred from being awarded a contract with a unit of State or local government as a result of bid rigging or bid rotating or any similar offense (720 ILCS 5/33 E-3, E-4).
- C. The Contractor certifies, pursuant to the Illinois Human Rights Act (775 ILCS 5/2-105), that it has a written sexual harassment policy that includes, at a minimum, the following information: (1) the illegality of sexual harassment, (2) the definition of sexual harassment under State law, (3) a description of sexual harassment utilizing examples, (4) the Contractor's internal complaint process including penalties, (5) legal recourse, investigation and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission and directions on how to contact both; and (6) protection against retaliation as provided by Section 6-101 of the Illinois Human Rights Act.
- D. The Contractor shall abide by the "Illinois Preference Act" which stipulates that whenever there is a period of excessive unemployment in Illinois, defined as any month immediately following two (2) consecutive months during which the level of unemployment in Illinois exceeds five percent (5%) as measured by the U.S. Bureau of Labor Statistics in its monthly publication of employment and unemployment figures, the Contractor shall employ only Illinois laborers unless otherwise exempted as so stated in the Act. ("Illinois laborer" means any person who has resided in Illinois for at least 30 days and intends to become or remain an Illinois resident) Other laborers may be used IF Illinois laborers are not available or are incapable of performing the particular type of work involved if so certified by the Contractor and approved by the project engineer.

19. SUB-CONTRACTORS

- A. The term "sub-contract" means any agreement, arrangement or understanding, written or otherwise between a Contractor and any person (in which the parties do not stand in the relationship of an employer or an employee) for the furnishing of supplies or services or for the use of real or personal property, including lease arrangements, which, in whole or in part, is utilized in the performance of any one

or more Contracts under which any portion of the Contractor's obligation under any one or more Contracts is performed, undertaken or assumed.

- B. The Bidder is specifically advised that any person, firm or party, to whom it is proposed to award a sub-contract under this contract must be acceptable to the City. Approval for the proposed sub-contract Award cannot be given by the City until the proposed Sub-contractor has submitted evidence showing that it has fully complied with any reporting requirements to which it is, or was, subject.
- C. The contractor, shall, within ten (10) days after award of the Contract, submit to the City in writing, names and addresses and respective amounts of money for proposed contracts with Sub-contractors/major suppliers. The City will review and may direct the Contractor that they shall not employ any that are not acceptable as provided above.
- D. The sub-contractor shall abide by and comply with all local, State and federal laws and regulations relating to contracts involving public funds and the development/construction of public works, buildings, or facilities.

20. PAYMENTS TO SUB-CONTRACTORS

- A. Within seven days after the receipt of amounts paid by the City for work performed by a sub-contractor under this contract, the Contractor shall either:
 - 1. Pay the sub-contractor for the proportionate share of the total payment received from the City attributable to the work performed by the sub-contractor under this contract; or,
 - 2. Notify the City and sub-contractor, in writing, of his intention to withhold all or a part of the sub-contractor's payment and the reason for non-payment.
- B. The Contractor shall pay interest to the sub-contractor on all amounts owed that remain unpaid beyond the seven-day period except for amounts withheld as allowed in item 2 above.
- C. Unless otherwise provided under the terms of this contract, interest shall accrue at the rate of one percent per month.
- D. The Contractor shall include in each of its sub-contracts a provision requiring each Sub-contractor to include or otherwise be subject to the same payment and interest requirements as set forth above with respect to each lower-tier sub-contractor.
- E. The Contractor's obligation to pay an interest charge to a sub-contractor pursuant to this provision may not be construed to be an obligation of the City.

21. BOND – PERFORMANCE, MATERIAL, & LABOR

- A. When required by the specifications herein, the successful Bidder or Bidders shall, within ten (10) calendar days after acceptance of the Bidder's bid by the City, furnish a performance bond for 100% of the full amount of the contract from insurance companies having not less than A+ Policyholders Rating from the most recent Alfred M. Best and Co., Inc. listing available. Certification of the insurance company's rating shall be provided prior to contract implementation and quarterly thereafter until contract completion. Should such rating fall below the required A+ level during performance of the contract, it will be the contractor's responsibility to notify the City and provide a new bond from an insurance company whose rating meets the City's requirements.
- B. When required by the specifications herein, all Bidders shall submit with the bid a bid bond. A letter of credit may be furnished in lieu of a bid bond only if the following conditions are met: 1) An irrevocable letter of credit must be obtained from an accredited bank which shall include an agreement that the bank will honor a demand by the City for payment due to Plaintiff failure to complete the project. 2) An irrevocable letter of credit must be in writing and signed by an authorized representative of the bank. 3) The irrevocable letter of credit must expressly state that it is irrevocable until the bid has been awarded. 4) The letter of credit must be for the percentage specified in the bid documents.
- C. The City may reject the use of an irrevocable letter of credit if the financial soundness of the issuing bank is found to be unacceptable.
- D. In the event that the Bidder fails to furnish a performance bond in said period of ten (10) calendar days after acceptance of the Bidder's bid by the City, the City may withdraw its acceptance of the bid and retain the Bidder's deposit as liquidated damages and not as a penalty.
- E. If the contractor has more than one project for which there is a contract with the City of Evanston the contractor shall provide a separate Performance Bond for each project.

22. INDEMNITY

- A. The Contractor shall defend, indemnify and hold harmless the City and its officers, elected and appointed officials, agents, and employees from any and all liability, losses, or damages as a result of claims, demands, suits, actions, or proceedings of any kind or nature, including but not limited to costs, and fees, including attorney's fees, judgments or settlements, resulting from or arising out of any negligent or willful act or omission on the part of the Contractor or Contractor's sub-contractors, employees, agents or sub-contractors during the performance of this Agreement. Such indemnification shall not be limited by reason of the enumeration of any insurance coverage herein provided. This provision shall survive completion, expiration, or termination of this Agreement.

- B. Nothing contained herein shall be construed as prohibiting the City, or its officers, agents, or employees, from defending through the selection and use of their own agents, attorneys, and experts, any claims, actions or suits brought against them. The Contractor shall be liable for the reasonable costs, fees, and expenses incurred in the defense of any such claims, actions, or suits. Nothing herein shall be construed as a limitation or waiver of defenses available to the City and employees and agents, including but not limited to the Illinois Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10/1-101 *et seq.*
- C. At the City Corporation Counsel's option, Contractor must defend all suits brought upon all such Losses and must pay all costs and expenses incidental to them, but the City has the right, at its option, to participate, at its own cost, in the defense of any suit, without relieving Contractor of any of its obligations under this Agreement. Any settlement of any claim or suit related to this Project by Contractor must be made only with the prior written consent of the City Corporation Counsel, if the settlement requires any action on the part of the City.
- D. To the extent permissible by law, Contractor waives any limits to the amount of its obligations to indemnify, defend, or contribute to any sums due under any Losses, including any claim by any employee of Contractor that may be subject to the Illinois Workers Compensation Act, 820 ILCS 305/1 *et seq.* or any other related law or judicial decision, including but not limited to, *Kotecki v. Cyclops Welding Corporation*, 146 Ill. 2d 155 (1991). The City, however, does not waive any limitations it may have on its liability under the Illinois Worker Compensation Act, the Illinois Pension Code or any other statute.
- E. The Contractor shall be responsible for any losses and costs to repair or remedy work performed under this Agreement resulting from or arising out of any act or omission, neglect, or misconduct in the performance of its Work or its sub-contractors' work. Acceptance of the work by the City will not relieve the Contractor of the responsibility for subsequent correction of any such error, omissions and/or negligent acts or of its liability for loss or damage resulting therefrom.

23. CONTRACTOR'S LIABILITY INSURANCE

- A. THE CONTRACTOR SHALL NOT COMMENCE WORK UNDER THIS CONTRACT UNTIL THEY HAVE OBTAINED ALL INSURANCE REQUIRED HEREIN AND SUCH INSURANCE HAS BEEN APPROVED BY THE CITY. Nor shall the contractor allow any sub-contractor to commence work until all similar insurance required of the sub-contractor has been so obtained.
- B. The City of Evanston shall be named as an additional insured on the policy of the contractor for whatever the policy limits are for the contractor, but in no event shall the Comprehensive General Liability limits be less than \$3,000,000.00.

- C. If the contractor has more than one project for which he has a contract with the City of Evanston there shall be separate Certificates of Insurance naming the City as an additional insured on each separate policy.
- D. In the event of accidents, injuries, or unusual events, whether or not any injury occurred, the contractor shall promptly furnish the City with copies of all reports of such incidents.
- E. The contractor shall furnish one (1) copy of a certificate, with the City named as an additional insured, showing the following minimum coverage with insurance company acceptable to the City.

24. PRE-CONSTRUCTION MEETING

- A. A pre-construction meeting will be scheduled for the successful Contractor at a date immediately following the awarding of the Contracts.

25. LIQUIDATED DAMAGES

- A. The Contractor must commence work within 10 days of notice from the City and the work must be completed by 12/31/2026. In the event the work is not completed by 12/31/2026, then in addition to any remedies available to the City, the Contractor will pay to the City the sum of **\$1,425 (i.e. One Thousand Four Hundred and Twenty-Five Dollars)** per day for each calendar day beyond those dates, until substantial completion of the work has been achieved. This payment is for liquidated damages, in addition to any other damages that may be incurred by the City, and not as a penalty. All such liquidated damages may be set-off against any moneys that may be due the contractor.
- B. Substantial Completion shall be defined as the stage in the progress of the work when the work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the City can occupy or utilize the work for its intended use. Substantial Completion will be certified by the issuance of a Certificate of Substantial Completion, to be issued by the City's representative, when the Contractor has satisfied the above statement and billed the City for a minimum of 90% of the total value of the work.

26. EXTENSION OF TIME

- A. Delays due to causes beyond the control of the contractor other than such as reasonable would be expected to occur in connection with or during the performance of the work, may entitle the contractor to an extension of time for completing the work sufficient to compensate for such delay. No extension of time shall be granted, however, unless the contractor shall notify the City in writing thereof, within ten (10) days from the initiation of the delay and unless he shall, within ten (10) days after the expiration of the delay, notify the City in writing of the extension of time claimed on account thereof and then only to the extent, if any, allowed by the City.

27. DEFAULT

- A. The City may, subject to the provisions of this section, by written notice of default to Contractor, terminate the whole or any part of this contract in any one of the following circumstances:
1. if the Contractor fails to perform the services within the time specified herein, or any extension thereof; or
 2. if the contractor fails to perform any of the other provisions of this contract, or so fails to make progress as to endanger performance of this contract in accordance with its terms, and in either of these two circumstances does not cure failure within a period of 10 days (or such other extended period as the City may authorize in writing) after receipt of notice from the City specifying such failure
- B. In the event the City terminates this contract in whole or in part as provided in this section, the City may procure, upon such terms and in such manner as the City may deem appropriate, services similar to those so terminated, and the Contractor will be liable to the City for any excess costs for such similar services.
- C. The Contractor will not be liable for any excess of costs if acceptable evidence has been submitted to the City that the failure to perform the contract was due to causes beyond the control and without fault or negligence of the Contractor.
- D. Contractors who default may not be considered for awards of future City contracts.

28. USE OF PREMISES

- A. The contractor shall confine his apparatus, the storage of materials and the operations of his workers, to limits indicated by law, ordinances, permits or directions of the City.

29. DISCLOSURES AND POTENTIAL CONFLICTS OF INTEREST (30 ILCS 500/50-35)

- A. The City of Evanston's Code of Ethics prohibits public officials or employees from performing or participating in an official act or action with regard to a transaction in which he has or knows he will thereafter acquire an interest for profit, without full public disclosure of such interest. This disclosure requirement extends to the spouse, children and grandchildren, and their spouses, parents and the parents of a spouse, and brothers and sisters and their spouses.

To ensure full and fair consideration of all bids, the City of Evanston requires all Bidders including owners or employees to investigate whether a potential or actual conflict of interest exists between the Bidder and the City of Evanston, its officials, and/or employees. If the Bidder discovers a potential or actual conflict of interest, the Bidder must disclose the conflict of interest in its bid, identifying the name of the City of Evanston official or employee with whom the conflict may

exist, the nature of the conflict of interest, and any other relevant information. The existence of a potential or actual conflict of interest does NOT, on its own, disqualify the disclosing Bidder from consideration. Information provided by Bidders in this regard will allow the City of Evanston to take appropriate measures to ensure the fairness of the bidding process.

The City of Evanston requires all bidders to submit a certification, enclosed with this bid packet, that the bidder has conducted the appropriate investigation and disclosed all potential or actual conflicts of interest.

By submitting a bid, all Bidders acknowledge and accept that if the City of Evanston discovers an undisclosed potential or actual conflict of interest, the City of Evanston may disqualify the Bidder and/or refer the matter to the appropriate authorities for investigation and prosecution.

INSURANCE REQUIREMENTS

<u>TYPE OF INSURANCE</u>	<u>MINIMUM</u>	<u>INSURANCE COVERAGE</u>
	Consequent Death	Bodily Injury and Property Damage
	Each Occurrence	
<u>Aggregate</u>		
Commercial General Liability including:	\$3,000,000	\$3,000,000
1. Comprehensive form		
2. Premises - Operations		
3. Explosion & Collapse Hazard		
4. Underground Hazard		
5. Products/Completed Operations Hazard		
6. Contractual Insurance – With an endorsement on the face of the certificate that it includes the "Indemnity" paragraph of the specifications.	Insurance Certificate Must State: <u>The City Of Evanston is Named as Additional Insured</u>	
7. Broad Form Property Damage - construction projects only		
8. Independent contractors		
9. Personal Injury		
Automobile Liability Owned, Non-owned or Rented	\$ 1,000,000	\$1,000,000
Workmen's Compensation and Occupational Diseases As required by applicable laws. Employer's Liability		\$ 500,000

Thirty-day notice of cancellation required on all certificates.

EXHIBIT A – BID FORM
For
Bridge Viaduct Artistic Lighting Installation

(BID #26-35)

1.01 BID TO:

THE CITY OF EVANSTON

909 Davis Street
Evanston, Illinois 60201

Hereinafter called "OWNER".

1.02 BID FROM:

(Hereinafter call "BIDDER")

Address

Telephone Number

Fax Number

1.03 BID FOR: **Bridge Viaduct Artistic Lighting Installation**

1.04 ACKNOWLEDGMENT:

- A. The Bidder, in compliance with the Invitation for Bids, having carefully examined the Drawings and Project Manual with related documents and having visited the site of the proposed Work, and being familiar with all of the existing conditions and limitations surrounding the construction of the proposed project, including the structure of the ground, subsurface conditions, the obstacles which may be encountered, local restrictions, and all other relevant matters concerning the Work to be performed, hereby PROPOSES to perform everything required to be performed, and to provide all labor, materials, necessary tools and equipment, expendable equipment, all applicable permits and taxes and fees, and provide all utility and transportation services necessary to perform and complete in a

workmanlike manner the Project in accordance with all the plans, specifications and related Contract Documents as prepared by the City of Evanston.

- B. The undersigned hereby acknowledges receipt of the Invitation of Bids, Instruction to Bidder, the Project Manual, Drawings, and other Contract Documents, and acknowledges receipt of the following Addenda:

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

1.05 GENERAL STATEMENTS

- A. The undersigned has checked all of the figures contained in this proposal and further understands that the Owner will not be responsible for any errors or omissions made therein by the undersigned.
- B. It is understood that the right is reserved by the Owner to reject any or all proposals, to waive all informality in connection therewith and to award a Contract for any part of the work or the Project as a whole.
- C. The undersigned declares that the person(s) signing this proposal is/are fully authorized to sign on behalf of the named firm and to fully bind the named firm to all the conditions and provisions thereof.
- D. It is agreed that no person(s) or company other than the firm listed below or as otherwise indicated hereinafter has any interest whatsoever in this proposal or the Contract that may be entered into as a result thereof, and that in all respects the proposal is legal and fair, submitted in good faith, without collusion or fraud.
- E. It is agreed that the undersigned has complied and/or will comply with all requirements concerning licensing and with all other local, state and national laws, and that no legal requirement has been or will be violated in making or accepting this proposal, in awarding the Contract to him, and/or in the prosecution of the Work required hereunder.
- F. To be considered a bona fide offer, this proposal must be completed in full and accompanied by a bid deposit or a bid bond when required by Contract Documents or Addenda.

1.06 ALTERNATES

- A. When alternate proposals are required by Contract Documents or Addenda thereto, the undersigned proposes to perform alternates for herein stated additions to or deductions from hereinbefore stated Base Bid. Additions and deductions include all modifications of Work or additional Work that the

undersigned may be required to perform by reason of the acceptance of alternates.

1.07 ALLOWANCE

- A. The allowance is general and should be used in the event that any unforeseen condition is discovered. After discovering the unforeseen condition, the contractor shall submit a Found Condition Report (FCR) and an Authorization to Use Allowance (AUA) to the Consultant. The Consultant will then notify the Owner and both the Owner and the Consultant will view the unforeseen condition to determine if the work will be authorized. Under no circumstances shall the contractor move forward with the work in question nor shall the contractor expend allowance without an approved AUA. At the end of the project, unspent allowance shall be credited to owner via change order

1.08 AGREEMENT

- A. In submitting this Bid, the undersigned agrees:
1. To hold this Bid open for sixty (60) days from the submittal date.
 2. To enter into and execute a Contract with the Owner within ten (10) days after receiving Notice of Award from the Owner.
 3. To accomplish the work in accordance with the Contract Documents.
 4. To complete the work by the time stipulated in the General Conditions
- B. The Owner reserves the right to reject any and all Bids and to waive any informalities in Bidding.

1.09 SCHEDULE

- A. See General Conditions for the required schedule of completion dates.

1.10 PROPOSED PRICES

- A. The Bidder hereby proposes to furnish all labor, materials, equipment, transportation, construction plant, and facilities necessary to complete, in a workmanlike manner and in accordance with the contract documents, the contract of work bid upon herein for compensation in accordance with the following prices:

BASE BID AMOUNT: \$ _____

ALLOWANCE (ADDITIONAL WORK – GENERAL): \$ _____ +100,000

TOTAL BASE BID AMOUNT: \$ _____

ALTERNATE 1 – CTA Bridge on Church Street

Due to unforeseen permit approvals, this bridge may be excluded from the scope of

work. Please include the deduction amount for installation of the work associated with this bridge in the instance it is not able to be completed as part of this project.

The DEDUCT LUMP SUM PRICE, if awarded to the undersigned, shall be:

ALTERNATE 1 AMOUNT:

\$ _____

1.11 BID SECURITY

If required by the bid documents, a scanned copy of the bid bond must be included with the bid electronic submission. The City is currently not able to accept a certified check, bank cashier's check or electronic bid bond at this time.

- A. The City of Evanston Civic Center is unable to receive in person drop-off and it is closed to the public. The original bid bond must be mailed within ten (10) days after the due date, to the City of Evanston Purchasing Department, 909 Davis Street, Evanston, Illinois 60201 Attention Purchasing Manager using the USPS (certified or priority), UPS or FedEx mail options in order to have a tracking number.
- B. Accompanying this electronic submittal is a scanned copy of a bank draft, bid bond, Cashier's check or Certified check as surety in the amount of not less than five percent (5%) of the Total Bid payable to the City of Evanston.

The amount of the check or draft is: \$ _____

If this bid is accepted and the undersigned shall fail to execute a contract and contract bond as required it is hereby agreed that the amount of the check or draft or bidder's bond substituted in lieu thereof, shall become the property of the City and shall be considered as payment of damages due to delay and other causes suffered by the City because of the failure to execute said contract and contract bond; otherwise said check or draft shall be returned to the undersigned.

In the event that one check or draft is intended to cover two or more bids, the amount must be equal to the sum of the project proposal guarantees of the individual sections covered.

If the check or draft is placed on another project proposal, state below where it may be found, as follows: The check or draft will be found in the project proposal for: _____.

1.12 PERFORMANCE/PAYMENT BOND

The undersigned bidder agrees to provide Performance Bond and Payment Bond executed in accordance with Contract Performance Bond form furnished by and acceptable to the Owner written with _____

in the amount of 100% of the Contract Sum (Total Base Bid and all accepted alternatives and adjustments) the cost of which is included in the Bid.

Cost of bond for change order is _____ percent of change order cost.

1.13 LIQUIDATED DAMAGES

The undersigned Bidder understands and agrees to the provisions stated under "LIQUIDATED DAMAGES" in the General Conditions and shall be assessed at the specified daily rate for each calendar day or partial calendar day until completion as defined herein.

1.14 MATERIAL SUBSTITUTION SHEET

The following is a schedule of substitute materials I propose to furnish on this job, with the difference in price being added to or deducted from the Base Bid. The Base Bid is understood to include only those items which are definitely specified by trade names or otherwise.

I understand that if no price difference is indicated, then the selection of materials is optional with the Owner, and approval or rejection of the substitution below will be indicated prior to signing of Contracts.

<u>PRODUCT NAME AND/OR MANUFACTURER</u>	<u>ADD</u>	<u>DEDUCT</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

1.15 PROPOSAL SIGNATURE (REQUIRED)

A. SOLE PROPRIETOR

Signature of Bidder: _____

SUBSCRIBED AND SWORN to before me this _____ day of _____, 20__

Notary Public

Commission Expires: _____

B. PARTNERSHIP

Signature of All Partners: _____

Name (typed or printed)

Name (typed or printed)

SUBSCRIBED AND SWORN to before me this ____ day of ____, 20__

____ Commission Expires: ____
Notary Public

C. CORPORATION

Signature of Authorized Official: _____

Title: _____

Name above (typed or printed): _____

(If other than the president, attach a certified copy of that section of corporate by-laws or other authorization by the Corporation which permits the person to execute the offer for the Corporation.)

(Corporate Seal)

Attest: _____
Secretary

SUBSCRIBED AND SWORN to before me this ____ day of ____, 20__

____ Commission Expires: ____
Notary Public

1.16 DISCLOSURE

- A. The undersigned duly sworn deposes and says on oath that the bidder has withheld no disclosures of ownership interest and the information provided herein to the best of its knowledge is current and said undersigned has not entered into any agreement with any other bidder or prospective bidder or with any other person, firm or corporation relating to the price named in said proposal or any other proposal, nor any agreement or arrangement under which any person, firm or corporation is to refrain from bidding, nor any agreement or arrangement for any act or omission in restraint of free competition among bidders and has not disclosed to any person, firm or corporation the terms of this bid or the price named herein.

Bidder: _____

Business Address: _____

Telephone Number: _____

1.17 CONTACTS

- A. In the event the Evanston City Council approves this bid response, list the name, address, telephone, and fax number of the person to be contacted:

Bidder: _____

Address: _____

Telephone Number: _____

Fax Number: _____

1.18 REFERENCES

- A. Provide three (3) references for which your firm has completed work of a similar scope in the past.

1. Name: _____

Address: _____

Contact Person: _____

Phone: _____

Contract Value: _____

Contract Dates: _____

2. Name: _____

Address: _____

Contact Person: _____

Phone: _____

Contract Value: _____

Contract Dates: _____

3. Name: _____

Address: _____

Contact Person: _____

Phone: _____

Contract Value: _____

Contract Dates: _____

EXHIBIT B

RBO COMPLIANCE CERTIFICATION

[Company Letterhead]

City of Evanston – Bid Compliance Certification

We hereby certify that [Company Name] is in full compliance with the requirements set forth under Ordinance 1-O-26, attached hereto, including but not limited to all applicable provisions under Section 1-17-1 of the Evanston City Code.

Our company has reviewed and will adhere to:

- The Local Employment Program (LEP), including the hiring of Evanston residents and achieving 15% of project hours performed by said residents.
- The Apprenticeship Training Program requirement, with attached documentation of program participation and graduation rates.
- The prohibition on excessive pass-through subcontracting; we will perform a minimum of 25% of the contracted work directly.
- All certification and documentation obligations outlined in the ordinance.

Signed: _____

Name: _____

Title: _____

Company Name: _____

Project Title: _____

Project Number: _____

Date: _____

EXHIBIT B

RBO COMPLIANCE CERTIFICATION

[Company Letterhead]

City of Evanston – Legal & Regulatory Compliance Certification

I, [Authorized Representative Name], hereby certify that [Company Name] complies with and has provided documentation for each of the following:

- Illinois Prevailing Wage Act (past 5 years; no violations)
- Substance Abuse Prevention on Public Works Project Act (written policy included)
- Workers' Compensation Act (policy attached, correct classification)
- Unemployment Insurance Act (IDES registration included)
- Employee Classification Act
- Davis-Bacon Act (if applicable)
- Registered in Sam.Gov (if applicable)
- Unique Entity Identifier (UEI) (if applicable)
- Corporate good standing with the Illinois Secretary of State
- Illinois Department of Revenue registration
- No federal, state, or local tax liens or delinquencies within the past 5 years
- Disclosure of any violations or determinations by federal or state authorities related to contracting, safety, tax, licensing, or labor laws.

Signed: _____

Name: _____

Title: _____

Project Title: _____

Project Number: _____

Date: _____

EXHIBIT B

RBO COMPLIANCE CERTIFICATION

[Subcontractor Letterhead]

City of Evanston – Subcontractor Compliance Certification

Subcontractor Name: _____

Prime Contractor: _____

Project Title: _____

Project Number: _____

I hereby certify that [Subcontractor Name] will comply with all City of Evanston ordinance requirements applicable to public works contracts, including Local Employment Program provisions, Apprenticeship Program participation, and regulatory compliance obligations listed under Ordinance 1-O-26.

All documentation and certifications have been submitted to the prime contractor and will be furnished to the City upon request.

Signed: _____

Name: _____

Title: _____

Date: _____

EXHIBIT C

CITY OF EVANSTON LOCAL EMPLOYMENT PROGRAM (LEP) COMPLIANCE

Effective Date January 1, 2015

City of Evanston Ordinance 60-O-14, Local Employment Program (LEP) Penalties:

Ordinance 60-O-14, Amendment to the MWDEBE/LEP revising the penalty section from a \$100/per day to a 1.0% of total project value penalty can be found at: Ordinance 60-O-14 Amendment MWEDBE LEP of the Evanston City Code Section 1-17-1 (C) can be found at Municode Library. The following are excerpts from Ordinance 60-O-14, Amending City Code Section 1-17-1(C) (11): Penalty.

If the contractor or sub-contractor fails to comply: The City may impose a fine up to one percent (1.0%) of the approved project price in total. Contractors or sub-contractors that are out of compliance due to a resident termination or resignation shall immediately notify the Business Workforce Compliance Coordinator of this occurrence within two (2) business days. Subsequently, the contractor or sub-contractor shall have five (5) additional business days to replace a terminated or resigned worker with another resident.

If the contractor or sub-contractor fails to comply: If the contractor or sub-contractor fails to make the replacement or to notify the Business Workforce Compliance Coordinator of this occurrence, the offending party will also be subject to a penalty up to one percent (1.0%) of the approved project price. If the noncompliant contractor makes a good faith effort to replace the resident, the fine may be waived.

If the contractor or sub-contractor fails to comply: At the sole discretion of the City, a contractor or sub-contractor that has violated the terms of the Local Employment Program within a three-year period may be determined a non-responsible bidder and excluded from bidding on future projects for a period of not less than one year.

If the employee (LEP Evanston resident) fails to comply: At the sole discretion of the City, an employee that has been hired through the LEP may be removed from the program for a period of not less than one year for failing to adhere to program guidelines or due to termination by the contractor for cause. Such termination process will be reviewed by the Workforce Development Coordinator.

****Detailed Local Employment Program Instructions “How to Comply” can be found at: [Local Employment Program Detailed Instructions](#)**

Local Employment Program or Exhibit F Questions: City staff is available for assistance to help with compliance. Submit questions in writing to Joseph Fields, the Workforce Development Manager at jfields@cityofevanston.org or Tammi Nunez, Purchasing Manager at tnunez@cityofevanston.org.

EXHIBIT C

LOCAL EMPLOYMENT PROGRAM COMPLIANCE
CITY CODE SECTION 1-17-1(C): LOCAL EMPLOYMENT PROGRAM

I have read and understood the requirements of the City of Evanston Local Employment Program ("LEP") as set forth in City of Evanston Code Section 1-17-1(C): Local Employment Program. I intend to comply with the program as follows:

Estimated total labor cost = \$ _____ 15% of total labor cost = \$ _____

- _____ My total bid, including all alternates, is under \$250,000, and the LEP does not apply.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and I already employ, and will continue to employ for the duration of the contract for which I am submitting this bid, Evanston residents (residing in zip codes 60201 or 60202) for at least 15% of all hours worked at the construction site by construction trade workers.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and I will employ, for the duration of the contract for which I am submitting this bid, through use of the City of Evanston database or otherwise, Evanston residents (residing in zip codes 60201 or 60202) for at least 15% of all hours worked at the construction site by construction trade workers.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and I have been unable to comply with the LEP requirements but am willing to work with the City to achieve compliance.
- _____ My total bid, including all alternates, is equal to or greater than \$250,000, and after having made sincere attempt to comply as noted below, I seek a waiver on a portion or all of the LEP requirements on this contract. Complete next section "Reasons for Waiver Request" below.

I UNDERSTAND THAT FAILURE TO COMPLY WITH THE LEP, REGARDLESS OF INTENT, MAY RESULT IN MAXIMUM PENALTY AS SET FORTH IN CITY CODE SECTION 1-17-1(C)(11), AS AMENDED.

WAIVER WILL BE GRANTED ONLY AFTER SINCERE ATTEMPT TO COMPLY*

REASONS FOR WAIVER REQUEST: PLEASE CHECK ALL THAT APPLY AND COMPLETE INFORMATION REQUESTED:

1. I have made sincere attempt as otherwise indicated below but have nonetheless been unable to comply.
- a. I do or will employ Evanston residents for the project, but such employment amounts to ____% of total labor cost.
2. The nature of the job is so technical that after having made sincere attempt as otherwise indicated below, I have been unable to locate any Evanston residents qualified to perform any aspects of the work. Please describe applicable job requirements/qualifications. Attach separate sheet if necessary:

***THE FOLLOWING DEMONSTRATE SINCERE ATTEMPT TO COMPLY: PLEASE CHECK EACH BOX COMPLETED, AS APPLICABLE:**

3. I have utilized the local resident database and otherwise worked with the City in attempt to hire Evanston residents in compliance with LEP on this project, and have nonetheless been unable to comply;
4. I have placed one or more ads in a local newspaper seeking to hire Evanston residents in compliance with LEP on this project, and have nonetheless been unable to comply; and
5. If I am utilizing union labor, I have contacted Chicagoland labor unions to request Evanston residents for employment in compliance with LEP on this project and have nonetheless been unable to comply.

I have read The City of Evanston, Local Employment Program (LEP) requirements as set forth in City Code Section 1-17-1(C): Local Employment Program. I understand and will comply with the LEP requirements for this project with respect to the job and/or any waiver, as applicable. **I UNDERSTAND THAT IF MY APPLICATION IS NOT COMPLETE, MY BID MUST BE REJECTED.**
SIGNED:

Signature Printed Name and Title Date
On behalf of Company: _____

EXHIBIT D

City of Evanston M/W/D/EBE Policy

A City of Evanston goal is to provide contracting and sub-contracting opportunities to Minority Business Enterprises, Women Business Enterprises, Disadvantaged Business Enterprises, and Evanston Business Enterprises. The goal of the Minority, Women, Disadvantaged, and Evanston Business Enterprise Program (M/W/D/EBE) is to assist such businesses with opportunities to grow. To assist such growth, the City's goal is to have general contractors utilize M/W/D/EBEs to perform no less than 25% of the awarded contract.

Firms bidding on projects with the City must work to meet the 25% goal or request a waiver from participation. It is advised that bidders place advertisements requesting sub-contractors and that they email or contact individual firms that would be appropriate to partner in response to the project. For samples of possible advertisements, see the City of Evanston's Business Diversity Section <http://www.cityofevanston.org/business/business-diversity/> ([Sample Advertisement](#)).

If a bidder is unable to meet the required M/W/D/EBE goal, the Bidder must seek a waiver or modification of the goal on the attached forms. Bidder must include:

1. A narrative describing the Bidder's efforts to secure M/W/D/EBE participation prior to the bid opening.
2. Documentation of each of the assist agencies that were contacted, the date and individual who was contacted, and the result of the conversation (see form)
3. A letter attesting to instances where the bidder has not received inquiries/proposals from qualified M/W/D/EBEs
4. Names of owners, addresses, telephone numbers, date and time and method of contact of qualified M/W/D/EBE who submitted a proposal but was not found acceptable.
5. Names of owners, addresses, telephone numbers, date and time of contact of at least 15 qualified M/W/D/EBEs the bidder solicited for proposals for work directly related to the Bid prior to the bid opening (copies must be attached).

If a bidder is selected with a Sub-contractor listed to meet the M/W/D/EBE goal, a "monthly utilization report" will be due to the City prior to each payment being issued to the Contractor. This report will include documentation of the name of the firm hired, the type of work that firm performed, etc. Should the M/W/D/EBE not be paid according to the schedule proposed in this document, the City reserves the right to cancel the contract. Examples of this monthly form can be found on the City's website: <http://www.cityofevanston.org/business/business-diversity/> ([MWDEBE Monthly Utilization Report](#)).

EXHIBIT E

M/W/D/EBE PARTICIPATION COMPLIANCE FORM

I do hereby certify that,

_____ (Name of firm) intends to participate as a Subcontractor or General Contractor on the project referenced above.

This firm is a (check only one):

_____ Minority Business Enterprise (MBE), a firm that is at least 51% managed and controlled by a minority, certified by a certifying agency within Illinois.

_____ Women's Business Enterprise (WBE), a firm that is at least 51% managed and controlled by a woman, certified by a certifying agency within Illinois.

_____ Disadvantaged Business Enterprise (DBE), a firm that is at least 51% managed and controlled by a disadvantaged, certified by a certifying agency within Illinois.

_____ Evanston Based Enterprise (EBE), a firm located in Evanston for a minimum of one year and which performs a "commercially useful function".

Total proposed price of response \$ _____

Amount to be performed by a M/W/D/EBE \$ _____

Percentage of work to be performed by a M/W/D/EBE _____ %

Information on the M/W/D/EBE Utilized:

Name _____

Address _____

Phone Number _____

Signature of firm attesting to participation _____

Title and Date _____

Type of work to be performed _____

Please attach:

1. Proper certification documentation if applying as an M/W/D/EBE and check the appropriate box below. This M/W/D/EBE will be applying with documentation from:

- | | |
|--|--|
| ☐ Cook County | ☐ State Certification |
| ☐ Federal Certification | ☐ Women's Business Enterprise National Council |
| ☐ City of Chicago | ☐ Chicago Minority Supplier Development Council |

2. Attach a business license if applying as an EBE

EXHIBIT E

M/W/D/EBE UTILIZATION SUMMARY REPORT

The following Schedule accurately reflects the value of each MBE/WBE/DBE/EBE sub-agreement, the amounts of money paid to each to date, and this Pay Request. The total proposed price of response submitted is _____.

MBE/WBE/DBE/EBE FIRM NAME	FIRM TYPE (MBE/WBE /DBE/EBE)	SERVICES PERFORMED	AMOUNT OF SUB- CONTRACT	PERCENT OF TOTAL CONTRACT AMOUNT
			\$	
			\$	
			\$	
			\$	
			\$	
			\$	
			\$	
			\$	
			\$	
			\$	
			\$	
			\$	
			\$	
			\$	
TOTAL			\$	

EXHIBIT F

M/W/D/EBE PARTICIPATION WAIVER REQUEST

I am _____ of _____, and I have the authority to
(Title) (Name of Firm)

execute this certification on behalf of the firm. I _____ do
(Name)

hereby certify that this firm seeks to waive all or part of this M/W/D/EBE participation goal
for the following reason(s):

(CHECK ALL THAT APPLY. SPECIFIC SUPPORTING DOCUMENTATION MUST BE ATTACHED.)

_____ 1. No M/W/D/EBEs responded to our invitation to bid.

_____ 2. An insufficient number of firms responded to our invitation to bid.

For #1 & 2, please provide a narrative describing the outreach efforts from your firm and proof of contacting at least 15 qualified M/W/D/EBEs prior to the bid opening. Also, please attach the accompanying form with notes regarding contacting the Assist Agencies.

_____ 3. No sub-contracting opportunities exist.

Please attach a written explanation of why sub-contracting is not feasible. Please provide details supporting your request.

_____ 4. M/W/D/EBE participation is impracticable.

Please attach a written explanation of why M/W/D/EBE participation is impracticable. Please provide details supporting your request.

Therefore, we request to waive _____ of the 25% utilization goal for a revised goal of _____%.

Signature: _____
(Signature)

Date: _____

EXHIBIT G

Construction Contractors' Assistance Organizations ("Assist Agencies") Form

AGENCY	DATE CONTACTED	CONTACT PERSON	RESULT OF CONVERSATION
Association of Asian Construction Enterprises (AACE) 5500 Touhy Ave., Unit K Skokie, IL. 60077 Phone: 847-5259693 Perry Nakachii, President			
Black Contractors United (BCU) 400 W. 76th Street Chicago, IL 60620 Phone: 773-483-4000; Fax: 773-483-4150 Email: bcunewera@ameritech.net			
Chicago Minority Business Development Council 105 West Adams Street Chicago, Illinois 60603 Phone: 312-755-8880; Fax: 312-755-8890 Email: info@chicagomsdc.org Shelia Hill, President			
Evanston Minority Business Consortium, Inc. P.O. Box 5683 Evanston, Illinois 60204 Phone: 847-492-0177 Email: embcinc@aol.com			
Federation of Women Contractors 5650 S. Archer Avenue Chicago, Illinois 60638 Phone: 312-360-1122; Fax: 312-360-0239 Email: FWCChicago@aol.com Contact Person: Beth Doria Maureen Jung, President			
Hispanic American Construction Industry (HACIA) 901 W. Jackson, Suite 205 Chicago, IL 60607 Phone: 312-666-5910; Fax: 312-666-5692 Email: info@haciaworks.org			
Women's Business Development Ctr. 8 S. Michigan Ave, Suite 400 Chicago, Illinois 60603 Phone: 312-853-3477 X220; Fax: 312-853-0145 Email: wbdc@wbdc.org Carol Dougal, Director			

PLEASE NOTE: Use of the Construction Contractor's Assistance Organization (Assist Agencies) Form and agencies is for use as a resource only. The agencies and or vendors listed are not referrals or recommendations by the City of Evanston.

EXHIBIT H

CERTIFICATION OF BIDDER REGARDING EQUAL EMPLOYMENT OPPORTUNITY (Only if Contract Exceeds \$10,000)

This certification is required pursuant to Executive Order 11246 (30 F.R. 12319-25). The implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed sub-contractors, shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or sub-contract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION OF BIDDER

Name and Address of Bidder (Include ZIP Code)

IRS EMPLOYER I.D. NUMBER 36-_____

1. Bidder has participated in a previous contract or sub-contract subject to the Equal Opportunity Clause. ☐ Yes ☐ No
2. Bidder has filed all compliance reports due under applicable instructions. ☐ Yes ☐ No
3. Have you ever been or are you being considered for sanction due to violation of Executive Order 11246, as amended? ☐ Yes ☐ No

Name: _____

Title: _____

Signature: _____

Date: _____

EXHIBIT I

DISCLOSURE OF OWNERSHIP INTERESTS

City of Evanston Ordinance 15-0-78 requires all persons (APPLICANT) seeking to do business with the City to provide the following information with their bid. Every question must be answered. If the question is not applicable, answer with "NA".

APPLICANT NAME: _____

APPLICANT ADDRESS: _____

TELEPHONE NUMBER: _____

FAX NUMBER: _____

APPLICANT is (**Check One**)

1. Corporation () 2. Partnership () 3. Sole Owner () 4. Association ()

5. Other () _____

Please answer the following questions on a separate attached sheet if necessary.

SECTION I - CORPORATION

1a. Names and addresses of all Officers and Directors of the Corporation.

1b. (Answer only if corporation has 33 or more shareholders.) Names and addresses of all those shareholders owning shares equal to or in excess of 3% of the proportionate ownership interest and the percentage of shareholder interest. (Note: Corporations which submit S.E.C. form 10K may substitute that statement for the material required herein.)

- 1c. (Answer only if corporation has fewer than 33 shareholders.) Names and addresses of all shareholders and percentage of interest of each herein. (Note: Corporations which submit S.E.C. form 10K may substitute that statement for the material requested herein.)

SECTION 2 - PARTNERSHIP/ASSOCIATION/JOINT VENTURE

- 2a. The name, address, and percentage of interest of each partner whose interests therein, whether limited or general is equal to or in excess of 3%.

- 2b. Associations: The name and address of all officers, directors, and other members with 3% or greater interest.

SECTION 3 - TRUSTS

- 3a. Trust number and institution.

- 3b. Name and address of trustee or estate administrator.

- 3c. Trust or estate beneficiaries: Name, address, and percentage of interest in total entity.

SECTION 4 - ALL APPLICANTS - ADDITIONAL DISCLOSURE

- 4a. Specify which, if any, interests disclosed in Section 1, 2, or 3 are being held by an agent or nominee and give the name and address of principal.

- 4b. If any interest named in Section 1, 2, or 3 is being held by a "holding" corporation or other "holding" entity not an individual, state the names and addresses of all parties holding more than a 3% interest in that "holding" corporation or entity as required in 1(a), 1(b), 1(c), 2(a), and 2(b).

- 4c. If "constructive control" of any interest named in Sections 1, 2, 3, or 4 is held by another party, give name and address of party with constructive control. ("Constructive control" refers to control established through voting trusts, proxies, or special terms of venture of partnership agreements.)

I have not withheld disclosure of any interest known to me. Information provided is accurate and current.

Date

Signature of Person Preparing Statement

Title

ATTEST: _____
Notary Public

(Notary Seal)

Commission Expires: _____

EXHIBIT J

ADDITIONAL INFORMATION SHEET

Bid/Proposal Name: _____

Bid/Proposal Number #: _____

Company Name: _____

Contact Name: _____

Address: _____

City, State, Zip: _____

Telephone/FAX: # _____

E-mail: _____

Comments: _____

EXHIBIT K

**CERTIFICATE OF COMPLIANCE
WITH PREVAILING WAGE RATE ACT**

The undersigned, upon being first duly sworn, hereby certifies to the City of Evanston, Cook, County, Illinois, that all work under this contract shall comply with the Prevailing Wage Rate Act of the State of Illinois, 820 ILCS 130 *et seq*, and as amended by Public Acts 86-799 and 86-693 and our current city ordinance, with rates to be paid in effect at time work is performed. Contractors shall submit monthly certified payroll records to the city.

Name of Contractor: _____

By: _____

By: State of _____, County of _____

Subscribed and sworn to before me this _____ day
of _____, _____.

Notary Public

EXHIBIT L

MAJOR SUB-CONTRACTORS LISTING

The following Tabulation of Major Sub-contractors shall be attached and made a condition of the Bid. The Bidder expressly understands and agrees to the following provisions:

- A. If awarded a Contract as a result of this Bid, the major sub-contractors used in the prosecution of the work will be those listed below.
- B. The following list includes all sub-contractors who will perform work representing 5% (five percent) or more of the total Base Bid.
- C. The sub-contractors listed below are financially responsible and are qualified to perform the work required.
- D. The sub-contractors listed below comply with the requirements of the Contract Documents.
- E. Any substitutions in the sub-contractors listed below shall be requested in writing by the Contractor and must be approved in writing by the Owner. All pertinent financial, performance, insurance, and other applicable information shall be submitted with the request for substitutions(s). Owner shall respond to such requests within 14 calendar days following the submission of all necessary information to the full satisfaction of the Owner.

<u>Category Number</u>	<u>Name of Sub-contractor</u>	<u>Address and Telephone</u>

(Attach additional sheets as required)

END OF SECTION

EXHIBIT M

CONFLICT OF INTEREST

_____, hereby certifies that it has conducted an investigation into whether an actual or potential conflict of interest exists between the Bidder, its owners and employees and any official or employee of the City of Evanston.

Bidder further certifies that it has disclosed any such actual or potential conflict of interest and acknowledges if Bidder/proposer has not disclosed any actual or potential conflict of interest, the City of Evanston may disqualify the bid/proposal.

(Name of Bidder/proposer if the Bidder/proposer is an Individual)

(Name of Partner if the Bidder/proposer is a Partnership)

(Name of Officer if the Bidder/proposer is a Corporation)

The above statements must be subscribed and sworn to before a notary public.

Subscribed and Sworn to this _____ day of _____, 20____

Notary Public

(Notary Seal)

Commission Expires: _____

EXHIBIT N

SIGNATURE FORM

THE SECTION BELOW MUST BE COMPLETED IN FULL AND SIGNED

The undersigned hereby certifies that they have read and understand the contents of this solicitation and attached service agreements and agree to furnish at the prices shown any or all of the items above, subject to all instructions, conditions, specifications and attachments hereto. Failure to have read all the provisions of this solicitation shall not be cause to alter any resulting contract or to accept any request for additional compensation. By signing this document, the proposer hereby certifies that they are not barred from bidding on this contract as a result bid rigging or bid rotating or any similar offense (720 ILCS 5/33 E-3, E-4).

Authorized Signature: _____

Company Name: _____

Typed/Printed Name: _____

Date: _____

Title: _____

Telephone Number: _____

E-mail _____

Fax Number: _____

EXHIBIT O

Contractor Services Agreement Acknowledgment Page

The City has attached its standard contractor services agreement as an exhibit to this bid document. Identify all exceptions to the agreement that would prevent your firm from executing it. **The City shall not consider or negotiate regarding exceptions submitted at any time after the submission of the Bidder's response.** *Please check one of the following statements:*

_____ I have read the contractor services agreement and plan on executing the agreement without any exceptions.

_____ My firm cannot execute the City's standard contractor service agreement unless the exceptions noted below or in the attached sample contractor services agreement are made.

*****Please be aware that submitting exceptions to the contract may impact the likelihood of your firm being selected to perform this work.**

List exceptions in the area below:

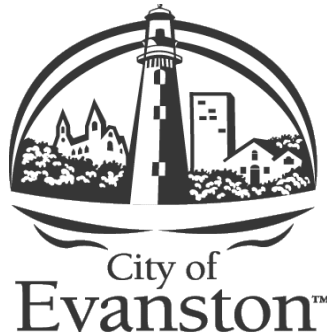
Authorized Signature:

Company Name:

Typed/Printed Name and Title:

Date:

EXHIBIT O



CONTRACTOR SERVICES AGREEMENT

The parties referenced herein desire to enter into an agreement for professional services for

Bridge Viaduct Artistic Lighting Installation

(BID #26-35)

THIS AGREEMENT (hereinafter referred to as the “Agreement”) is entered into between the City of Evanston, an Illinois municipal corporation with offices located at 909 Davis Street, Evanston Illinois 60201 (hereinafter referred to as the “City”), and *[Insert Contractor name here]*, with offices located at *[Insert Contractor address here]*, (hereinafter referred to as the “Contractor”). Compensation (the “Compensation”) for all basic services provided by the Contractor pursuant to the terms of this Agreement shall not exceed *\$/[Insert fee here]*.

Revision March 2020

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RECITALS

WHEREAS, the City intends to retain the services of a qualified and experienced contractor for the following:

[Insert whatever project specific background and language is appropriate]

WHEREAS, this Agreement shall include the following documents which are attached hereto:

- a) City of Evanston RFQ/RFP/Bid _____, attached as Exhibit A.
- b) Contractor's response to RFQ/RFP/Bid _____, attached as Exhibit B.
- c) Any sub-contractor sub-contracts related to this Agreement, attached as Exhibit C.
- d) Project Fee Schedule and hourly rates, attached as Exhibit D *(if appropriate)*.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter set forth, the parties agree as follows:

1 Services and Duties of the Contractor

1.1 The Contractor shall perform professional services and provide equipment (the "Work") in accordance with Exhibits A, B, C and D. The Contractor retains the right to control the manner of performance of the services provided for in this Agreement and is an independent contractor and not agent or an employee of the City. All employees and sub-contractors of the Contractor shall likewise not be considered to be employees of the City. Contractor is solely responsible for the means and methods of all work performed under the terms of this Agreement for this Project ("the Project"). Contractor is an independent Contractor and is solely responsible for all taxes, withholdings, and other statutory or contractual obligations of any sort, including but not limited to, Worker's Compensation Insurance. Nothing in this Agreement accords any third-party beneficiary rights whatsoever to any non-party to this Agreement that any non-party may seek to enforce. Contractor acknowledges and agrees that should Contractor or its sub-contractors provide false information, or fail to be or remain in compliance with this Agreement; the City may void this Agreement.

1.2 The Contractor warrants and states that it has read the Contract Documents, and agrees to be bound thereby, including all performance guarantees as respects Contractor's work and all indemnity and insurance requirements. Contractor further affirms that it has visited the Project site and has become familiar with all special conditions, if any, at the Project site. Contractor shall perform the Work and its obligations under this Agreement in accordance with and subject to the Contract Documents to the full extent that each such provision is applicable to the Work. Contractor shall take necessary precautions to properly protect the Work of others, if any, from damage caused by operations under this Agreement. In addition, Contractor shall protect the work during normal and adverse weather conditions until the Project is complete and accepted by the City, or until the Contractor has fully completed its work under this Agreement. Contractor's obligations include, but are not limited to, placing and adequately maintaining at or

about all locations of Project work, sufficient guards, barricades, lights, and enclosures to protect the Work.

1.3 The Contractor shall not have any public or private interest and shall not acquire directly or indirectly any such interest which conflicts in any manner with the performance of its services under this Agreement.

1.4 The Contractor shall designate, in writing, a person to act as its Project Manager for the work to be performed under this Agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define the Contractor's policies and decisions with respect to the work covered by this Agreement.

1.5 The Contractor shall employ only persons duly licensed by the State of Illinois to perform the professional services required under this Agreement for which applicable Illinois law requires a license, subject to prior approval of the City. The Contractor shall employ only well qualified persons to perform any of the remaining services required under this Agreement, also subject to prior approval of the City. The City reserves the right to require replacement of Contractor, sub-contractor, or supplier personnel for any reason. Contractor will replace the unacceptable personnel at no charge to the City. For all solicitations or advertisements placed by or on behalf of Contractor for employees for this Project it will state that the Contractor is an Equal Opportunity Employer.

1.6 Pursuant to the Illinois Freedom of Information Act, 5 ILCS 140/7(2), records in the possession of others whom the City has contracted with to perform a governmental function are covered by the Act and subject to disclosure within limited statutory timeframes (five (5) working days with a possible five (5) working day extension). Upon notification from the City that it has received a Freedom of Information Act request that calls for records within the Contractor's control, the Contractor shall promptly provide all requested records to the City so that the City may comply with the request within the required timeframe. The City and the Contractor shall cooperate to determine what records are subject to such a request and whether or not any exemption to the disclosure of such records, or part thereof, is applicable. Contractor shall indemnify and defend the City from and against all claims arising from the City's exceptions to disclosing certain records which Contractor may designate as proprietary or confidential. Compliance by the City with an opinion or a directive from the Illinois Public Access Counselor or the Attorney General under FOIA, or with a decision or order of Court with jurisdiction over the City, shall not be a violation of this Section.

1.7 The Contractor shall obtain prior approval from the City prior to sub-contracting with any entity or person to perform any of the work required under this Agreement. The Contractor may, upon request of the City, submit to the City a draft sub-contractor agreement for City review and approval prior to the execution of such an agreement. Any previously entered into sub-contractor agreement(s) are attached as Exhibit C. If the Contractor sub-contracts any of the services to be performed under this Agreement, the sub-contractor agreement shall provide that the services to be performed under any such agreement shall not be sublet, sold, transferred, assigned or otherwise disposed of to another entity or person without the City's prior written consent. The Contractor shall be responsible for the accuracy and quality of any sub-contractor's

work.

1.8 The Contractor shall cooperate fully with the City, other City contractors, other municipalities and local government officials, public utility companies, and others, as may be directed by the City. This shall include attendance at meetings, discussions and hearings as requested by the City. This cooperation shall extend to any investigation, hearings or meetings convened or instituted by OSHA relative to this Project, as necessary. Contractor shall cooperate with the City in scheduling and performing its Work to avoid conflict, delay in or interference with the work of others, if any, at the Project.

1.9 The Contractor acknowledges that it shall enforce and comply with all applicable Occupational Safety and Health Administration standards (OSHA) for this Project in effect as of the date of the execution of this Agreement, or as otherwise promulgated by OSHA in the future taking effect during the pendency of this Project. Contractor shall enforce all such standards and ensure compliance thereto as to its own agents and employees, and as to the agents and employees of any sub-contractor throughout the course of this Project. Contractor is solely responsible for enforcing and complying with all applicable safety standards and requirements on this Project, and is solely responsible for correcting any practices or procedures which do not comply with the applicable safety standards and requirements for this Project. Any Project specific safety requirements applicable to this Project must be followed by Contractor and any sub-contractor(s) on the Project. Additionally, all such safety requirements shall be made a part of any sub-contractor agreement.

1.10 The Contractor shall submit to the City a progress report each month this Agreement is in effect. The report shall include the following items:

- a) A summary of the Contractor's project activities, and any sub-contractor project activities that have taken place during the invoice period;
- b) A summary of the Contractor's project activities and any sub-contractor project activities, that shall take place during the next invoice period;
- c) A list of outstanding items due to or from the City; and
- d) A status of the Project schedule.

1.11 The Contractor shall perform the work required under this Agreement pursuant to high quality industry standards expected by the City. The Contractor shall apply for and receive all appropriate permits before performing any work in the City. The Contractor shall also provide the appropriate permit drawings for Building Permits to be issued for the Project, if said permits are obligated by the Project. The City will assist the Contractor with obtaining the appropriate building and right-of-way permits.

1.12 The Contractor shall provide drawings of record, in the following 3 electronic formats for all locations where equipment has been installed and/or work has been performed. The electronic formats required by this Section 1.12 are Auto Cad Version 2007, ArcView and PDF.

1.13 Contractor recognizes that proper cleanup and removal of construction debris is an important safety consideration. The Contractor shall be solely responsible for daily construction

site/area cleanup and removal of all construction debris in accordance with City-approved disposal practices. Contractor shall be solely responsible for identifying and removing at its expense all hazardous material and waste which it uses and generates.

1.14 To the extent that there is any conflict between a provision specified in this Agreement, with a provision specified in any of the other Contract Documents, as defined in Section 1.15, this Agreement shall control. The City and the Contractor may amend this Section 1.14 as provided by Section 15 herein.

The Contractor acknowledges and agrees that the City has no retained control over any of the Work done pursuant to this Agreement, and that the City is expressly exempt from the retained control exception as defined in the Restatement of Torts, Second, Section 414. This provision shall survive completion, expiration, or termination of this Agreement.

1.15 The Contract Documents for this Project consist of:

- a) This Agreement;
- b) The City's RFP/RFQ, and the plans, specifications, general conditions, drawings addenda, and modifications thereto;
- c) The Contractor's response to the RFP/RFQ/Bid;
- d) Other exhibits and schedules, if any, listed in this Agreement;
- e) Amendments or Other Contract Documents, if any; and
- f) Amendments/Modifications to this Agreement issued after execution thereof.

1.16 As a condition of receiving payment, Contractor must (i) be in compliance with the Agreement, (ii) pay its employees prevailing wages when required by law (Examples of prevailing wage categories include public works, printing, janitorial, window washing, building and grounds services, site technician services, natural resource services, security guard and food services). Contractor is responsible for contacting the Illinois Dept. of Labor 217-782-6206; <http://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx> to ensure compliance with prevailing wage requirements), (iii) pay its suppliers and sub-contractors according to the terms of their respective contracts, and (iv) provide lien waivers to the City upon request.

1.17 Digital Accessibility for Vendors, The City requires that all applicable web content, mobile applications, and electronic documents provided by our vendor partners meet WCAG 2.1 AA compliance and continue to maintain compliance with federal ADA requirements for local government platforms.

2 Standard Certifications

Contractor acknowledges and agrees that compliance with this section and each subsection for the term of the Agreement is a material requirement and condition of this Agreement. By executing this Agreement, Contractor certifies compliance with this section and each subsection and is under a continuing obligation to remain in compliance and report any non-compliance.

This section, and each subsection, applies to sub-contractors used on this Agreement.

Contractor shall include these Standard Certifications in any sub-contract used in the performance of the Agreement.

If this Agreement extends over multiple fiscal years, Contractor and its sub-contractors shall confirm compliance with this section in the manner and format determined by the City by the date specified by the City and in no event later than January 1 of each year that this Agreement remains in effect.

If the City determines that any certification in this section is not applicable to this Agreement, it may be stricken, subject to sole approval by the City, without affecting the remaining subsections.

2.1 As part of each certification, Contractor acknowledges and agrees that should Contractor or its sub-contractors provide false information, or fail to be or remain in compliance with the Standard Certification requirements, one or more of the following sanctions will apply:

- the Agreement may be void by operation of law,
- the City may void the Agreement, and
- Contractor and its sub-contractors may be subject to one or more of the following: suspension, debarment, denial of payment, civil fine, or criminal penalty.

2.2 By signing this Agreement, the Contractor certifies that it has not been barred from being awarded a contract with a unit of State or local Government as a result of bid rigging or bid rotating or similar offense, nor has it made any admission of guilt of such conduct that is a matter of public record. (720 ILCS 5/33 E-3, E-4).

2.3 In the event of the Contractor's noncompliance with any provision of Section 1-12-5 of the Evanston City Code, the Illinois Human Rights Act or any other applicable law, the Consultant may be declared non-responsible and therefore ineligible for future contracts or sub-contracts with the City, and the contract may be cancelled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation.

2.4 During the term of this Agreement, the Contractor agrees as follows:

- a) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, marital status, national origin or ancestry, or age or physical or mental disabilities that do not impair ability to work, and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization. Consultant shall comply with all requirements of City of Evanston Code Section 1-12-5.
- b) That, in all solicitations or advertisements for employees placed by it on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, sexual orientation, marital

status, national origin, ancestry, or disability.

2.5 The Contractor certifies pursuant to the Illinois Human Rights Act (775 ILCS 5/2105 *et. seq.*), that it has a written sexual harassment policy that includes, at a minimum, the following information:

- a) The illegality of sexual harassment;
- b) The definition of sexual harassment under State law;
- c) A description of sexual harassment utilizing examples;
- d) The Contractor's internal complaint process including penalties;
- e) Legal recourse, investigation and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission, and directions on how to contact both; and
- f) Protection against retaliation as provided to the Department of Human Rights.

2.6 In accordance with the Steel Products Procurement Act (30 ILCS 565), Contractor certifies steel products used or supplied in the performance of a contract for public works shall be manufactured or produced in the U.S. unless the City grants an exemption.

2.7 Contractor certifies that it is properly formed and existing legal entity and as applicable has obtained an assumed name certificate from the appropriate authority, or has registered to conduct business in Illinois and is in good standing with the Illinois Secretary of State.

2.8 If Contractor, or any officer, director, partner, or other managerial agent of Contractor, has been convicted of a felony under the Sarbanes-Oxley Act of 2002, or a Class 3 or Class 2 felony under the Illinois Securities Law of 1953, Contractor certifies at least five years have passed since the date of the conviction.

2.9 Contractor certifies that if more favorable terms are granted by Contractor to any similar governmental entity in any state in a contemporaneous agreement let under the same or similar financial terms and circumstances for comparable supplies or services, the more favorable terms will be applicable under this Agreement.

2.10 Contractor certifies that it is not delinquent in the payment of any fees, fines, damages, or debts to the City of Evanston.

2.11 The Contractor certifies that all Design Professionals performing the Work under this Agreement will ensure that the Project shall be designed in conformance with the Americans with Disabilities Act of 1990, 42 U.S.C. Section 12101, *et seq.*, and all regulations promulgated thereunder. Design Professional means any individual, sole proprietorship, firm, partnership, joint venture, corporation, professional corporation, or other entity that offers services under the Illinois Architecture Practice Act of 1989 (225 ILCS 305/), the Professional Engineering Practice Act of 1989 (225 ILCS 325/), the Structural Engineering Licensing Act of 1989 (225 ILCS 340/), or the Illinois Professional Land Surveyor Act of 1989 (225 ILCS 330/).

2.12 The Contractor shall comply with all federal, state and local laws, statutes,

ordinances, rules, regulations, orders or other legal requirements now in force or which may be in force during the term of this Agreement. The Contractor shall comply with the Illinois Human Rights Act, 775 ILCS 5/1-101 *et. seq.*, Title VII of the Civil Rights Act of 1964, and the Illinois Prevailing Wage Act, 820 ILCS 130/0.01 *et. seq.*

3 Additional Services/Change Orders

3.1 If the representative of the City responsible for the Project verbally requests the Contractor to perform additional services, the Contractor shall confirm in writing that the services have been requested and that such services are additional services. Failure of the City to respond to the Contractor's confirmation of said services within thirty (30) calendar days of receipt of the notice shall be deemed a rejection of, and refusal to pay for the additional services. Contractor shall not perform any additional services until City has confirmed approval of said additional services in writing. If authorized in writing by the City, the Contractor shall furnish, or obtain from others, additional services of the following types, which shall be paid for by the City as set forth in Section 9 of this Agreement:

- a) Additional Services due to significant changes in scope of the Project or its design, including, but not limited to, changes in size, complexity or character of construction, or time delays for completion of work when such delays are beyond the control of the Contractor;
- b) Revisions of previously approved studies, reports, design documents, drawings or specifications;
- c) Preparation of detailed renderings, exhibits or scale models for the Project;
- d) Investigations involving detailed consideration of operations, maintenance and overhead expenses for the preparation of rate schedules, earnings and expense statements, feasibility studies, appraisals and valuations, detailed quantity surveys of material and labor, and material audits or inventories required for certification of force account construction performed by the City;
- e) Services not otherwise provided for in this Agreement.

3.2 The City may, upon written notice, and without invalidating this Agreement, require changes resulting in the revision or abandonment of work already performed by the Contractor, or require other elements of the work not originally contemplated and for which full compensation is not provided in any portion of this Agreement. Any additional services, abandonment of services which were authorized by the City, or changes in services directed by the City which result in the revision of the scope of services provided for in Exhibits A, B, C, and D that cause the total Compensation due Contractor under this Agreement to exceed \$25,000 or more, or increase or decrease the contract duration by more than 30 days are subject to approval by the Evanston City Council. These actions must be addressed either in a written Change Order or in a written amendment to this Agreement approved by both parties.

3.3 Contractor acknowledges and agrees that the Public Works Construction Change Order Act, 50 ILCS 525/1 *et seq.* shall apply to all Change Orders for the Project. It is expressly understood and agreed to by Contractor that it shall not be entitled to any damages or Compensation from the City on account of delay or suspension of all or any part of the Work.

Contractor acknowledges that delays are inherent in construction projects and Contractor assessed that risk and fully included that risk assessment within its contract sum specified in its Response to the City **RFP/Rfq/Bid** for this Project. The City shall not compensate Contractor for work that is more difficult than the contract sum specified in its Response would reflect. Delays to minor portions of the Work will not be eligible for extensions of time.

Delays to the Project caused by labor disputes or strikes involving trades not directly related to the Project, or involving trades not affecting the Project as a whole will not be eligible for an extension of time.

The City will not grant an extension of time for a delay by the Contractor's inability to obtain materials unless the Contractor first furnishes to the City documentary proof. The proof must be provided in a timely manner in accordance with the sequence of the Contractor's operations and accepted construction schedule.

In addition to any other changes requested by City (as described in Sections 3.1 and 3.2), the Company shall be entitled to request (and the City may grant) Change Orders with respect to:

- (a) The City-caused delays;
- (b) Change in Law;
- (c) Force Majeure Events.

The foregoing events shall entitle the Contractor to a change in the Compensation for this Project, if the Contractor demonstrates that it will unavoidably incur reasonable costs as a result thereof and the Contractor provides reasonable and detailed documentary support with respect to any such price impact.

The parties agree to reasonably confer regarding any such disputes with respect to the issuance of a Change Order.

Any payment for compensable delay will only be based upon actual costs excluding, without limitation, what damages, if any, the Contractor may have reasonably avoided. The Contractor understands that this is the sole basis for recovering delay damages and explicitly waives any right to calculate daily damages for office overhead, profit, or other purported loss.

All Contractor Change Orders authorized under this Section 3 shall be made in writing. In remitting a Change Order, the Contractor must first show in writing that:

- (a) The work was outside the scope of this Agreement,
- (b) The extra work was not made necessary due to any fault of Contractor;
- (c) The circumstances said to necessitate the change in performance were not reasonably foreseeable at the time the Agreement was signed;
- (d) The change is germane to the original Agreement; and
- (e) The Change Order is in the best interest of the City and authorized by law.

Any person who fails to first obtain the City's written authorization for a Change Order commits a Class 4 felony. The written determination and the written Change Order resulting from that determination shall be preserved in the contract's file which shall be open to the public for inspection.

The City reserves all rights and causes of action, at law or equity, to seek redress against entities or persons who violate the requirements of this Section 3. By initialing below, Contractor hereby acknowledges that it is bound by this Section 3.

Contractor's Initials: _____

3.4 The Contractor is required to include the City of Evanston as a reference whenever and wherever the Contractor provides references for similar projects for a period of one (1) year from the date of Final Acceptance by the City of the Work for this Project.

4 Bonds

4.1 Before the Scheduled Construction Commencement Date, the Contractor is required to furnish unconditional performance and payment bonds in the amount of 100% of the Compensation as security for the faithful performance and completion of all the Contractor's obligations under the Contract Documents and covering the payment of all materials used in the performance of this Agreement and for all labor and services performed under this Agreement. All Bonds shall be issued on a form acceptable to the City. The bonds must be for the entire term of the Agreement. Failure to provide these bonds shall constitute a breach of Contractor's obligations under this Agreement. Each surety providing the Bonds must have a Best's rating not less than A/X and be licensed in Illinois and shall be named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 as published in the Federal Register and available on the website of the U.S. Department of the Treasury, Financial Management Service, at www.fms.treas.gov/c570/c570.html. All Bonds signed by an agent must be accompanied by a certified copy of his or her authority to act. It shall be the duty of the Contractor to advise the surety or sureties of any Change Orders that result in an increase to the Compensation and to ensure that the amounts of the Bonds are updated to reflect and cover any such increases throughout the course of the Project. The cost of such Bonds shall be included within the Compensation.

4.2 If the surety behind any Bond furnished by the Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in the State or it ceases to meet any of the requirements of this Contract, the Contractor shall, within [5] five days thereafter, substitute another Bond of equivalent value and surety, both of which must be acceptable to the City. In addition, no further progress payments under the Agreement will be made by the City until the Contractor complies with the provisions of this Agreement. The Contractor shall furnish to the City proof of any required bonds and proof of required insurance as one of the conditions precedent to payment under the Agreement. Upon the request of any person or entity appearing to be a potential beneficiary of bonds covering payment or performance of obligations arising under the Contract, the Contractor shall promptly furnish a copy of the bonds or authorize a copy to be furnished. All surety Bonds provided for in this Section shall incorporate by reference this

Agreement, and any language that may be in any such surety Bond which conflicts with the provisions of this Agreement that define the scope of the surety('s) duty(ies) shall be of no force and effect.

5 Liquidated Damages in the Event Contractor Fails to Complete the Work

5.1 The parties agree that failure of Contractor to timely complete the Work required by this Agreement constitutes a default. The parties agree that this default will result in damage and injury to City. The parties further agree, however, that actual damages incurred by City as result of such default is difficult if not impossible to ascertain with any degree of certainty or accuracy. Accordingly, the parties have negotiated and have agreed that for each calendar day after written notice is delivered to Contractor and Contractor fails to cure such default, that Contractor will pay City, as and for liquidated damages, and not as a penalty, the sum of **\$1,425 (i.e. One Thousand Four Hundred and Twenty-Five Dollars) per day**. Contractor shall reimburse the City for all costs, expenses and fees (including, without limitation, attorneys' fees), if any, paid by the City in connection with such written demand by City. Contractor stipulates and agrees that the sums payable by Contractor under this Section are reasonable under the circumstances existing as of the execution of this Agreement. This Section 5.1 is not intended to limit any direct damages that may be recoverable by City related to the Contractor's failure to complete the Work in accordance with this Agreement. There shall be no early completion bonus if the Work is completed before the substantial completion date. The City, at its option, may withhold liquidated damages from progress payments payable to Contractor before the substantial completion date.

6 The City's Responsibilities

6.1 The City may evaluate the Contractor's and any sub-contractor's performance (interim and final). Timeliness in meeting the Project schedule and the overall relationship with the Contractor are factors that will be considered in the Contractor's performance rating. An unfavorable performance rating may be a factor when future assignments are being considered.

6.2 The City makes no representation or warranty of any nature whatsoever as to the accuracy of information or documentation provided by the City to the Contractor which were generated or provided by third parties.

7 Period of Service

7.1 The Contractor shall commence work on the Project after supplying the City with the Contractor's performance and payment bonds and all required insurance documents before starting its Work on this Project. The City shall determine when the Contractor has completed the Work required pursuant to this Agreement, and shall determine the date of Final Acceptance. Contractor recognizes time is of the essence regarding its performance on this Project. Contractor shall continue to perform its obligations while any dispute concerning the Agreement is being resolved, unless otherwise directed by the City.

7.2 Each phase of the project shall be completed in accordance with the activities

outlined in the City's **Bid 26-35**, Exhibit A. Project phases include:

8 Payment for Services and Reimbursements

8.1 Within the first five (5) business days of each month, the Contractor shall invoice the City for Work completed during the previous month. The Contractor shall provide a detailed invoice that relates invoiced items to the Contractor's response to **Bid 26-35** in both quantity and unit cost. Any discrepancies in the monthly invoice shall be promptly brought to the attention of the Contractor by the City Project Manager and efforts shall be made to promptly resolve said discrepancies between the City and Contractor. In the event the City and Contractor cannot resolve invoice discrepancies, items in dispute will be removed from the invoice and the City shall approve the remainder of the invoice. Payment will be made as soon as possible following the City Council meeting in which the item appeared on the bills list, and in accordance with all applicable laws and rules of the City of Evanston and the State of Illinois.

8.2 In the event of termination by the City of this Agreement pursuant to paragraph 9.1 after completion of any phase of the basic services, fees due the Contractor for services rendered through such phase shall constitute final payment for such services, and no further fees shall be due to the Contractor. In the event of such termination by the City during any phase of the basic services, the Contractor shall be paid for services rendered on the basis of the proportion of work completed on the phase to date of termination.

8.3 The City shall have the right to withhold payment to the Contractor due to the quality of a portion or all of the work performed hereunder which is not in accordance with the requirements of this Agreement, or which is unsatisfactory, or is due to the Contractor's failure or refusal to perform any of its obligations hereunder. Compensation in excess of the total contract amount specified in this Agreement will not be allowed unless justified in the City's sole judgment and authorized in advance as provided for in Section 3 of this Agreement. Compensation for improper performance by the Contractor is disallowed.

8.4 Upon completion of the Work performed by the Contractor, prior to the submission of a request for final payment, the City and Contractor shall perform a final acceptance test and review of the Work performed and/or equipment installed pursuant to the Agreement. A punch list of items outstanding will be jointly developed by the City and Contractor. In addition, the Contractor shall submit drawings of record for the Project for the City to approve. The Contractor shall promptly resolve all punch list items to the satisfaction of the City and shall transmit to the City in writing confirmation that all punch list items have been resolved. The City will review, and the Contractor shall modify, as necessary, any drawings of record to the satisfaction of the City. Punch list items and drawings of record must be approved by the City prior to the Contractor submitting its final invoice for payment.

8.5 The Contractor shall submit an Affidavit and a final waiver of its lien, and all final waivers of liens of any sub-contractors, suppliers, and sub-sub-contractors, if applicable, with its final invoice, stating that all obligations incurred in performance of the professional services have been paid in full. The Affidavit will also include a statement stating that the professional services were performed in compliance with the terms of the Agreement. The Affidavit and all final lien waivers shall be on a form acceptable to the City.

8.6 All Project invoices shall be sent to:

City of Evanston /CMO
% Katie Boden
909 Davis Street
Evanston, Illinois 60201

with a copy to:

City of Evanston /CMO
909 Davis Street
Evanston, Illinois 60201

9 Notice and Cure/Termination

9.1 In furtherance of Contractor's Work on this Project, the City and the Contractor agree that the following Notice and Cure provision in this Section 9.1 shall apply during the duration of Contractor's work on this Project, in addition to the reserved rights of the City enumerated in this Agreement as follows:

- 5.1 Liquidated Damages;
- 8.3 City's right to withhold payment;
- 16.2 Contractor's duty to revise and correct errors; and
- 16.3 Contractor's duty to respond to City's notice of errors and omissions.

The City may notify Contractor of its intent to terminate this Agreement within (7) seven calendar days of issuance by the City of written notice to Contractor's Project Manager regarding defects in the Project or in Contractor's Work. The City shall specify any such nonconforming Work or defects in the Project in its notice to Contractor under this Section 9.1. Contractor will have the opportunity to cure the non-conforming Work within (7) seven calendar days after receipt of the written notice issued by the City. All such curative work done shall be performed and completed to the City's satisfaction. Nothing in this Section 9.1 shall otherwise affect the City's right to exercise its rights in Section 9.2.

9.2 The City shall have the right to terminate this Agreement upon fifteen (15) days written notice for any reason. Mailing of such notice shall be equivalent to personal notice and shall be deemed to have been given at the time of receipt.

Payments made by the City pursuant to this Agreement are subject to sufficient appropriations made by the City of Evanston City Council. In the event of termination resulting from non-appropriation or insufficient appropriation by the City Council, the City's obligations hereunder shall cease and there shall be no penalty or further payment required.

9.3 Within thirty (30) days of termination of this Agreement, the Contractor shall turn over to the City any documents, drafts, and materials, including but not limited to, outstanding work product, data, studies, test results, source documents, AutoCAD Version 2007, ArcView,

PDF, Word, Excel spreadsheets, technical specifications and calculations, and any other such items specifically identified by the City related to the Work herein. Upon receipt of said items, the Contractor shall be paid for labor and expenses incurred to the date of termination as provided in Section 8.2. This Agreement is subject to termination by either party if either party is restrained by a state or federal court of competent jurisdiction from performing the provisions of this Agreement. Upon such termination, the liabilities of the parties to this Agreement shall cease, but they shall not be relieved of the duty to perform their obligations through the date of termination. No lien shall be filed by the Contractor in the event of a termination of this Agreement by the City.

9.4 If, because of death or any other occurrence, including, but not limited to, Contractor becoming insolvent, it becomes impossible for any principal or principals of the Contractor to render the services set forth in this Agreement, neither the Contractor, nor its surviving principals shall be relieved of their obligations to complete the professional services. However, in the event of such an occurrence, the City at its own option may terminate this Agreement if it is not furnished evidence that competent professional services can still be furnished as scheduled.

9.5 In the event of an emergency or threat to the life, safety, or welfare of the citizens of the City, the City shall have the right to terminate this Agreement without prior written notice.

10 Insurance

10.1 The Contractor shall, at its own expense, secure and maintain in effect throughout the duration of this contract, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the Work hereunder by the Contractor, its agents, representatives, employees or sub-contractors. Contractor acknowledges and agrees that if it fails to comply with all requirements of this Section 10, the City may void the Agreement.

The Contractor must give to the City Certificates of Insurance identifying the City to be an Additional Insured for all Work done pursuant to this Agreement before City staff recommends award of the contract to City Council. Any limitations or modifications on the Certificate(s) of Insurance issued to the City in compliance with this Section that conflict with the provisions of this Section 10 shall have no force and effect.

After award of the Contract to Contractor (contracts over \$500,000 in value or if the project is deemed high risk) the Contractor **shall** give the City a certified copy (ies) of the insurance policy (ies) evidencing the amounts set forth in Section 10.2, and copies of the Additional Insured endorsement to such policy (ies) which name the City as an Additional Insured for all Work done pursuant to this Agreement before Contractor does any Work pursuant to this Agreement. Contractor's certificate of insurance shall contain a provision that the coverage afforded under the policy(s) will not be canceled or reduced without thirty (30) days prior written notice (hand delivered or registered mail) to the City. Contractor shall promptly forward new certificate(s) of insurance evidencing the coverage(s) required herein upon annual renewal of the subject policies.

The policies and the Additional Insured endorsement must be delivered to the City within

two (2) weeks of the request. All insurance policies shall be written with insurance companies licensed or authorized to do business in the State of Illinois and having a rating of not less than A-VII according to the A.M. Best Company. Should any of the insurance policies be canceled before the expiration date, the issuing company will mail thirty (30) days written notice to the City. The Contractor shall require and verify that all sub-contractors maintain insurance meeting all of the requirements stated herein.

Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officers, officials, employees and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses.

10.2 Contractor shall carry and maintain at its own cost with such companies as are reasonably acceptable to City all necessary liability insurance (which shall include as a minimum the requirements set forth below) during the term of this Agreement, for damages caused or contributed to by Contractor, and insuring Contractor against claims which may arise out of or result from Contractor's performance or failure to perform the Services hereunder:

- a) Worker's compensation in statutory limits and employer's liability insurance in the amount of at least five hundred thousand dollars (\$500,000);
- b) Comprehensive general liability coverage which designates the City as an additional insured for not less than three million dollars (\$3,000,000) combined single limit for bodily injury, death and property damage, per occurrence;
- c) Comprehensive automobile liability insurance covering owned, non-owned, and leased vehicles for not less than one million dollars (\$1,000,000) combined single limit for bodily injury, death, or property damage, per occurrence; and

Contractor understands that the acceptance of Certificates of Insurance, policies, and any other documents by the City in no way releases the Contractor and its sub-contractors from the requirements set forth herein.

Contractor expressly agrees to waive its rights, benefits and entitlements under the "Other Insurance" clause of its commercial general liability insurance policy as respects the City. Contractor expressly agrees that its insurance coverage is required to be primary by this Agreement, that its insurance coverage shall be on a primary and non-contributory basis, and that it and its insurance carrier are estopped from denying such coverage is primary. In the event Contractor fails to purchase or procure insurance as required above, the parties expressly agree that Contractor shall be in default under this Agreement, and that the City may recover all losses, attorney's fees and costs expended in pursuing a remedy, or reimbursement, at law or in equity, against Contractor.

11 Indemnification

11.1 The Contractor shall defend, indemnify and hold harmless the City and its officers, elected and appointed officials, agents, and employees from any and all liability, losses, or

damages as a result of claims, demands, suits, actions, or proceedings of any kind or nature, including but not limited to costs, and fees, including attorney's fees, judgments or settlements, resulting from or arising out of any negligent or willful act or omission on the part of the Contractor or Contractor's sub-contractors, employees, agents or sub-contractors during the performance of this Agreement. Such indemnification shall not be limited by reason of the enumeration of any insurance coverage herein provided. This provision shall survive completion, expiration, or termination of this Agreement.

11.2 Nothing contained herein shall be construed as prohibiting the City, or its officers, agents, or employees, from defending through the selection and use of their own agents, attorneys, and experts, any claims, actions or suits brought against them. The Contractor shall be liable for the costs, fees, and expenses incurred in the defense of any such claims, actions, or suits. Nothing herein shall be construed as a limitation or waiver of defenses available to the City and employees and agents, including but not limited to the Illinois Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10/1-101 *et seq.*

At the City Corporation Counsel's option, Contractor must defend all suits brought upon all such Losses and must pay all costs and expenses incidental to them, but the City has the right, at its option, to participate, at its own cost, in the defense of any suit, without relieving Contractor of any of its obligations under this Agreement. Any settlement of any claim or suit related to this Project by Contractor must be made only with the prior written consent of the City Corporation Counsel, if the settlement requires any action on the part of the City.

To the extent permissible by law, Contractor waives any limits to the amount of its obligations to indemnify, defend, or contribute to any sums due under any Losses, including any claim by any employee of Contractor that may be subject to the Illinois Workers Compensation Act, 820 ILCS 305/1 *et seq.* or any other related law or judicial decision, including but not limited to, *Kotecki v. Cyclops Welding Corporation*, 146 Ill. 2d 155 (1991). The City, however, does not waive any limitations it may have on its liability under the Illinois Workers Compensation Act, the Illinois Pension Code or any other statute.

11.3 The Contractor shall be responsible for any losses and costs to repair or remedy work performed under this Agreement resulting from or arising out of any act or omission, neglect, or misconduct in the performance of its Work or its sub-contractors' work. Acceptance of the work by the City will not relieve the Contractor of the responsibility for subsequent correction of any such error, omissions and/or negligent acts or of its liability for loss or damage resulting therefrom.

11.4 All provisions of this Section 11 shall survive completion, expiration, or termination of this Agreement.

12 Drawings and Documents

12.1 Any drawings, survey data, reports, studies, specifications, estimates, maps, plans, computations, and other documents required to be prepared by the Contractor for the Project shall be considered Works for Hire and the sole property of the City.

12.2 The Contractor and its sub-contractor shall maintain for a minimum of three (3) years after the completion of this Agreement, or for three (3) years after the termination of this Agreement, whichever comes later, adequate books, records and supporting documents to verify the amounts, recipients and uses of all disbursements of funds passing in conjunction with the Agreement. The Agreement and all books, records and supporting documents related to the Agreement shall be available for review and audit by the City and the federal funding entity, if applicable, and the Contractor agrees to cooperate fully with any audit conducted by the City and to provide full access to all materials. Failure to maintain the books, records and supporting documents required by this Subsection shall establish a presumption in favor of the City for recovery of any funds paid by the City under the Agreement for which adequate books, records, and supporting documentation are not available to support their purported disbursement.

13 Successors and Assigns

13.1 The City and the Contractor each bind themselves and their partners, successors, executors, administrators, and assigns to the other party of the Agreement and to the partners, successors, executors, administrators, and assigns of such other party in respect to all covenants of this Agreement. Neither the City nor the Contractor shall assign, sublet, or transfer its interest in this Agreement without the written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of any public body, which may be a party hereto, nor shall it be construed as giving any right or benefits hereunder to anyone other than the City and the Contractor.

14 Force Majeure

14.1 Whenever a period of time is provided for in this Agreement for the Contractor or the City to do or perform any act or obligation, neither party shall be liable for any delays or inability to perform if such delay is due to a cause beyond its control and without its fault or negligence including, without limitation:

- a) Acts of nature;
- b) Acts or failure to act on the part of any governmental authority other than the City or Contractor, including, but not limited to, enactment of laws, rules, regulations, codes or ordinances subsequent to the date of this Agreement;
- c) Acts of war;
- d) Acts of civil or military authority;
- e) Embargoes;
- f) Work stoppages, strikes, lockouts, or labor disputes;
- g) Public disorders, civil violence, or disobedience;
- h) Riots, blockades, sabotage, insurrection, or rebellion;
- i) Epidemics or pandemics;
- j) Terrorist acts;
- k) Fires or explosions;
- l) Nuclear accidents;
- m) Earthquakes, floods, hurricanes, tornadoes, or other similar calamities;
- n) Major environmental disturbances; or
- o) Vandalism.

If a delay is caused by any of the *force majeure* circumstances set forth above, the time period shall be extended for only the actual amount of time said party is so delayed. Further, either party claiming a delay due to an event of *force majeure* shall give the other party written notice of such event within three (3) business days of its occurrence or it shall be deemed to be waived.

15 Amendments and Modifications

15.1 Except as otherwise provided herein, the nature and scope of Work specified in this Agreement may only be modified by a written Change Order, or a written amendment to this Agreement, approved by both parties. This Agreement may be modified or amended from time to time provided, however, that no such amendment or modifications shall be effective unless reduced to writing and duly authorized and signed by the authorized representatives of the parties.

16 Standard of Care & Warranty

16.1 The Contractor shall perform all of the provisions of this Agreement to the satisfaction of the City. The City shall base its determination of the Contractor's fulfillment of the scope of the work in accordance with generally accepted professional standards applicable to the Work for this Project. The Contractor shall perform all of the provisions of this Agreement with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar conditions.

16.2 The Contractor shall be responsible for the accuracy of its professional services under this Agreement and shall promptly make revisions or corrections resulting from its errors, omissions, or negligent acts without additional compensation. The City's acceptance of any of the Contractor's professional services shall not relieve the Contractor of its responsibility to subsequently correct any such errors or omissions. If a Contractor has provided the City with specifications for this Project which are determined to be incorrect or which require revision during the solicitation process (including but not limited to Requests for Proposals, Requests for Qualifications, or bids), the Contractor shall make such corrections or revisions to the specifications at no cost to the City. Further, upon receipt of an invoice from the City, the Contractor shall promptly reimburse the City for the reasonable costs associated with the preparation and dissemination of said corrections or revisions to appropriate parties, including but not limited to preparation of the corrected or revised documents, and printing and distribution costs.

16.3 During the pendency of its Work on this Project, the Contractor shall respond to the City's notice of any errors or omissions within twenty-four (24) hours. The Contractor shall be required to promptly visit the Project site(s) if directed to by the City.

16.4 The Contractor shall comply with all federal, state, and local statutes, regulations, rules, ordinances, judicial decisions, and administrative rulings applicable to its performance under this Agreement.

16.5 Contractor guarantees and warrants to the City that:

- a) All materials and equipment furnished under this Agreement shall be of good quality and new, unless otherwise required or permitted by the Contract Documents;
- b) The Work of this Agreement shall be free from defects which are not inherent in the quality required; and
- c) The Work shall comply with the requirements set forth in the Contract Documents.

This warranty and guarantee shall be for a period of one (1) year from the date of completion and Final Acceptance of the Work by the City, or as otherwise provided in the Contract Documents.

If, within the one year warranty period, after the Contractor has received a final payment under this Agreement, any of the Work is found to be not be in accordance with the requirements of this Agreement, or where defects in materials or workmanship may appear, or be in need of repair, the Contractor shall correct non-conforming and/or defective work or materials promptly after receipt of written notice from the City. Contractor shall immediately at its own expense repair, replace, restore, or rebuild any such Work. This remedy is in addition to any other legal or equitable remedies the City may have under this Agreement or the law.

This guarantee and warranty shall not relieve Contractor of liability for latent defects, and shall be in addition to the City's rights under the law or other guarantees or warranties, express or implied.

16.6 The provisions of this Section 16 shall survive the completion, expiration or termination of this Agreement.

17 Savings Clause

17.1 If any provision of this Agreement, or the application of such provision, shall be rendered or declared invalid by a court of competent jurisdiction, or by reason of its requiring any steps, actions, or results, the remaining parts or portions of this Agreement shall remain in full force and effect.

18 Non-Waiver of Rights

18.1 No failure or delay by the City to exercise any power given to it hereunder or to insist upon strict compliance by Contractor with its obligations hereunder, nor any payment made by the City under this Agreement, shall constitute a waiver of the City's right to demand strict compliance with the terms hereof, unless such waiver is in writing and signed by the City.

19 Entire Agreement

19.1 This Agreement sets forth all the covenants, conditions and promises between the parties with regard to the subject matter set forth herein. There are no covenants, promises, agreements, conditions or understandings between the parties, either oral or written, other than

those contained in this Agreement. This Agreement has been negotiated and entered into by each party with the opportunity to consult with its counsel regarding the terms therein. No portion of the Agreement shall be construed against a party due to the fact that one party drafted that particular portion as the rule of *contra proferentem* shall not apply.

20 Governing Law

20.1 This Agreement shall be construed in accordance with and subject to the laws and rules of the City of Evanston and the State of Illinois both as to interpretation and performance. Venue for any action arising out of or due to this Agreement shall be in Cook County, Illinois. The City shall not enter into binding arbitration to resolve any dispute related to this Agreement. The City does not waive tort immunity by entering into this Agreement.

21 Ownership of Contract Documents

21.1 Contractor is specifically prohibited from using in any form or medium, the name or logo of the City for public advertisement, unless expressly granted written permission by the City. Submission or distribution of documents to meet official regulatory requirements or for similar purposes in connection with this Project is not to be construed as publication in derogation of the City's reserved rights.

22 Notice

22.1 Any notice required to be given by this Agreement shall be deemed sufficient if made in writing and sent by certified mail, return receipt requested, or by personal service, to the persons and addresses indicated below or to such other addresses as either party hereto shall notify the other party of in writing pursuant to the provisions of this Subsection:

City of Evanston Project Manager, **Bid 26-35**
909 Davis Street
Evanston, Illinois 60201

if to the Contractor:

22.2 Mailing of such notice as and when provided above shall be equivalent to personal notice and shall be deemed to have been given at the time of mailing.

23 Severability

23.1 Except as otherwise provided herein, the invalidity or unenforceability of any particular provision, or part thereof, of this Agreement shall not affect the other provisions, and this Agreement shall continue in all respects as if such invalid or unenforceable provision had not been contained herein.

24 Execution of Agreement

24.1 This Agreement shall be signed last by the City Manager.

25 Counterparts

25.1 For convenience, this Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original.

26 Authorizations

26.1 The Contractor's authorized representatives who have executed this Agreement warrant that they have been lawfully authorized by the Contractor's board of directors or its bylaws to execute this Agreement on its behalf. The City Manager affirms that he/she has been lawfully authorized to execute this Agreement. The Contractor and the City shall deliver upon request to each other copies of all articles of incorporation, bylaws, resolutions, ordinances, or other documents which evidence their legal authority to execute this Agreement on behalf of their respective parties.

27 Time of Essence

27.1 Time is of the essence with respect to each provision hereof in which time is a factor.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be signed by their duly authorized representatives. The effective date of this Agreement will be the date this Agreement is signed by the City Manager.

CONTRACTOR

By: _____

Name: _____

Its: _____

Date: _____

CITY OF EVANSTON

By: _____

Luke Stowe

Its: City Manager

Date: _____

Approved as to form:

By: _____

Alexandra B. Ruggie

Its: Corporation Counsel

Revision: April 2021

EXHIBIT P

BID BOND SUBMITTAL LABEL

CUT AND ATTACH LABEL ON OUTSIDE OF SEALED BID BOND SUBMITTAL

✂-----

BID SUBMITTAL NUMBER: _____

BID SUBMITTAL NAME: _____

BID SUBMITTAL DUE DATE/TIME: _____

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY TELEPHONE #: _____

✂-----

If required by the bid documents, a scanned copy of the bid bond must be included with the bid electronic submission. The city is currently not able to accept a certified check, bank cashier's check, or electronic bid bond at this time.

The original bid bond (in the amount of 5% of the original bid amount) must be mailed within ten (10) days after the bid due date, to the City of Evanston Purchasing Department, 909 Davis Street, Evanston, Illinois 60201 Attention Purchasing Manager using the USPS (certified or priority), UPS or FedEx mail options in order to have a tracking number; which sum shall be forfeited in case the successful bidder fails to enter into a binding contract and provide a properly executed contract and surety bond within 15 days after the date the contract is awarded by the City.

EXHIBIT Q

CONTRACT COMPLIANCE CERTIFICATION

State and Local Fiscal Recovery Funds (SLFRF)
RFP/RFQ/Bidder's/Proposers' Contract Compliance Certification

PROJECT TITLE: _____

PRIME CONTRACTOR NAME(S): _____

ADDRESS: _____

CONTACT NAME/TITLE: _____

TELEPHONE: _____ **E-MAIL ADDRESS:** _____

CONTRACT AMOUNT: \$ _____

As a respondent to the City of Evanston's Request for Proposals, Qualifications, and Bids, I hereby affirm my thorough understanding of and commitment to comply with the Contract Compliance Requirements established by the City of Evanston under the SLFRF program. This commitment encompasses adherence to the following stipulations:

- I. Compliance with the Byrd Anti-Lobbying Amendment Act and the provisions set forth in 31 U.S.C. 1352, as applicable.
- II. Compliance with the Clean Air Act and the Federal Water Pollution Control Act, along with all pertinent standards, orders, or regulations promulgated in accordance with these statutes for contracts exceeding \$150,000, as applicable.
- III. In my capacity as the prime contractor, I will ensure that my subcontractor(s) comply with the City's requirements by maintaining the necessary certifications.

I solemnly declare and affirm under penalty of perjury that the contents of this certification are true and accurate, and I confirm that I possess the authority to make this certification on behalf of the Prime Contractor.

Authorized Principal of Agent Signature

Date

SECTION 26 03 00
ELECTRICAL DEMOLITION

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Special Conditions and Division 01 Specification Sections, apply to this section.

1.02 SUMMARY

- A. Work required for this Section includes providing all labor, material, apparatus, equipment and services necessary to disconnect, remove, delivery, and storage of electrical and traction power items which are affected by or rendered obsolete by demolition work.
- B. NOT USED
- C. Major items with all related appurtenances, which are rendered obsolete and require removal in the areas being demolished, include but are not limited to, the following:
 - 1. Service equipment.
 - 2. Lighting fixtures.
 - 3. Wiring devices.
 - 4. Conduits and raceways.
 - 5. Wire and cable from source to point of use.
- C. Care should be taken to not damage existing surfaces, wiring and other items needed for the new installations.
- D. All material, equipment, damaged items, conduit and wire rendered obsolete shall be removed from the premises and properly disposed of off site by the Contractor.
- E. Items being removed which are salvageable and serviceable (such as lighting fixtures, wiring devices, signal and telecommunication devices) shall remain the property of the City and shall be stored by the Contractor in locations on site where directed by the City. Items of doubtful classification shall be reviewed with the City's representative prior to disposal of same to determine their disposition. Care shall be exercised in the removal of these items to avoid damage.
- F. Relocation and/or modifications to certain existing equipment may be required to retain services to existing adjacent systems or equipment which are to remain. Such relocation and/or modification costs are to be included in the Base Bid and no additional compensation will be allowed.

- G. Include providing new conduit, wiring, boxes, outlets, fittings, etc. as may be required for such relocation and retention of services.
- H. Existing conduits concealed in slabs which are rendered obsolete shall be cut off flush with the surfaces and plugged with foam. Foam sealant shall be as manufactured by G.E., Dow or 3M.
- I. Existing recessed boxes in concrete columns or walls which are to remain shall be filled with foam and provided with suitable blank covers. Foam sealant shall be as manufactured by G.E., Dow or 3M.
- J. The areas currently occupied must remain operational at all times unless approved otherwise. Coordinate any construction and/or staging activities that may impede normal CITY operations with the City including, but not limited to, any activity that generates excessive noise or airborne dust; interference with the City's operations; access or use by the City's customers or public; or the safety of employees, customers or the public. The Contractor shall schedule the access to the work, use of the facility and other issues pertaining to the demolition and construction with the City to minimize disruption to the City's operations and protect other areas of the building from damage and allow for safe passage of personnel.
- K. Provide safety protection system around work area to protect pedestrians, vehicles, customers and CITY personnel.
- L. Contractor to provide a staging plan and safety plan for the City's approval prior to starting the work. Coordinate with the City for staging areas.
- M. Contractor shall schedule and coordinate all work with the City. Contractor shall submit and obtain approval on a process plan and phasing plan for all the work, including demolition prior to commencing work on site.
- N. Contractor to refer to and adhere to the Drawings, Specifications and other documents provided for this Project.
- O. Work may include patching and repairs to existing adjacent surfaces after removal or demolition. Work includes coring and cutting existing surfaces for installation of new plumbing piping and electrical conduit. Patch upon completion. Patching and repairs to match existing materials and finishes.
- P. Related work specified elsewhere:
 - 1. Division 01 General Requirements
 - 2. Section 26 03 00 Electrical Demolition
 - 3. Section 26 05 00 Raceways and Boxes.
 - 4. Section 26 10 00 Basic Electrical Materials and Methods
 - 5. Section 26 12 30 Wires, Cables, Splices, Terminations.
 - 6. Section 26 14 10 Wiring Devices
 - 7. Section 26 19 00 Grounding
 - 8. Section 26 19 50 Identification
 - 9. Section 26 47 00 Panel Boards
 - 10. Section 26 56 19 LED Fixtures and Controls
 - 11. Section 26 95 00 Electrical Testing

1.03 DEFINITIONS

- A. Remove: Remove and legally dispose of items except those indicated to be reinstalled, salvaged, or to remain the City's property.
- B. Remove and Salvage for Recycling: Items indicated to be removed and recycled are to be separated and arranged for recycling. Construction debris from demolition and construction waste materials are to be picked up by recycling waste haulers for recycling to the greatest extent possible. As a minimum requirement, the Contractor to follow the City of Chicago Ordinance for recycling construction debris.
- C. Remove and Salvage for Re-use: Items indicated to be removed and salvaged remain the City's property. Remove, clean, and pack or crate items to protect against damage. Identify contents of containers and deliver to City's designated storage area.
- D. Remove and Reinstall: Remove items indicated; clean, service, and otherwise prepare them for reuse; store and protect against damage. Reinstall items in the same locations or in locations indicated.
- E. Existing to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by the City, items may be removed to a suitable, protected storage location during selective demolition and then cleaned and reinstalled in their original locations.

1.04 MATERIALS OWNERSHIP

- A. Except for items or materials indicated to be reused, salvaged for re-use, reinstalled, or otherwise indicated to remain the City's property, demolished materials shall become the Contractor's property and shall be removed from the site and legally disposed of by the Contractor.

1.05 SUBMITTALS

- A. General: Submit each item in this Article according to the conditions of the contract and Division 01 Specification Sections, for approval, unless otherwise indicated:
 - 1. Schedule of demolition activities indicating the following:
 - a. For each location: Detailed sequence of demolition and removal work, with starting and ending dates for each activity.
 - b. Interruption of utility services.
 - c. Coordination for shutoff, capping, and continuation of utility services.
 - d. Detailed sequence of selective demolition and removal work to ensure uninterrupted progress of City's on-site operations.
 - e. Locations of temporary partitions, barriers and means of egress.
 - f. Foot traffic control or interruption. Closing of areas.
 - g. Indicate how demolition work will avoid interruption of City's on-site operations.
 - 2. Proposed recycling procedures.
 - 3. Inventory of items to be removed and salvaged for re-use.

- B. Provide written and dated documentation of the total amount of each different waste material, the amount of each sent to a recycling facility and the amount of each sent to a landfill. Documentation shall be done on a daily basis. Indicate when and who the materials were picked up by and the name of the recycling facility the materials were sent to.

1.06 QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with governing EPA notification regulations before starting selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction. Comply with City of Chicago Recycling Ordinance.

1.07 PROJECT CONDITIONS

- A. Contractor required to survey existing conditions to verify all existing dimensions and conditions, locations of items and construction sizes of items and including conditions and limitations under which he is to do his work.
- B. Contractor required to locate all existing utilities and other improvements, including utilities not exposed to view.
- C. There will be no extras allowed to compensate Contractor for his failure to review and verify existing conditions and dimensions.
- D. Demolition work to adhere to phasing plans for the project.
- E. Work may include patching and repairs to existing adjacent surfaces after removal or demolition. Patching and repairs to match existing materials and finishes.

1.08 DELIVERY HANDLING AND MATERIAL STORAGE

- A. Any areas or facilities used by the Contractor for storage of materials to be delivered to the City shall be climate controlled, and secured dry locations off the ground. Relative humidity shall not exceed 70 percent.
- B. All materials shall be delivered to the location specified by the City. The contractor shall provide all labor, tools, and material handling equipments needed to safely deliver the equipment to City's location.
- C. Follow manufactures guidelines for delivery and storage of equipment. Care should be taken to not damage any of the equipment or components. Contractor shall provide all packaging required to protect the equipment during delivery and storage.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 SPECIAL CONDITIONS

- A. Visit the Project Site and thoroughly investigate existing conditions. Carefully evaluate all existing Electrical Work which is to be removed, altered or modified, and include all these costs in the Bid. Determine existing installation Work which is to remain to serve areas outside the limits of demolition Work and include all costs of relocation Work which may be required to retain these services. No additional costs will be allowed for failure to include all labor and material that is required for demolition, relocation or modification to the existing electrical installation. If any potential problems are envisioned during the site visit which could affect the Work to be done, they shall be brought to the immediate attention of the City.
- B. Electrical demolition shall be done according to the schedule established for general demolition work to eliminate any conflicts, interferences or delays.
- C. Exercise care in demolition work so as not to damage or interrupt existing services which may pass through the areas of demolition and serve areas outside the demolition work areas which are to remain.
- D. Provide adequate temporary services as may be required including standby generators if deemed necessary.

3.02 ENVIRONMENTAL

- A. Equipments containing asbestos, lead, and PCB's shall be properly disposed based on Environmental Protection Agency (EPA) guidelines and CITY hazardous material abatement specifications.
- B. Existing light fixtures, bulbs and other items to be discarded shall be disposed of by the Contractor strictly according to all applicable regulations, including the Environmental Protection Agency (EPA) requirements.
 - 1. Luminaires containing mercury, mercury vapor, sodium or other potential harmful substance shall be handled, transported and disposed of as special waste following EPA guidelines and regulations. Special waste shall be disposed of only at the City's approved waste facilities and proper manifests shall be executed and submitted to the City upon completion.

3.03 UTILITY SERVICES

- A. Maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations.
 - 1. Do not interrupt existing utilities serving occupied or operating facilities, except when authorized in writing by City and authorities having jurisdiction. Provide temporary services during interruptions to existing utilities, as acceptable to City and to governing authorities.
 - a. Provide not less than 72 hours' notice to City if shutdown of service is required during changeover.

3.04 PREPARATION

- A. Conduct demolition operations and remove debris to ensure minimum interference with adjacent occupied and used facilities.
 - 1. Do not close or obstruct adjacent occupied or used facilities without permission from City and authorities having jurisdiction. Provide alternate routes around closed or obstructed foot traffic ways.
 - 2. Do not block required exits or stairways.
- B. Conduct demolition operations to prevent injury to people and damage to adjacent facilities to remain. Ensure safe passage of people around selective demolition area.

3.05 DEMOLITION

- A. Wall Mounted Light Fixtures: Existing wall mounted light fixtures shall be completely removed. Remove fixtures without damaging the wall or other adjacent surfaces or construction. Disconnect from wiring carefully to avoid damaging the wiring and to facilitate installation, connection and operation of replacement light fixtures. Remove existing anchors, patch holes and perform other repairs as required to facilitate installation of the replacement fixture and provide for surfaces to align and match the existing adjacent surfaces.
- B. Pole Mounted Light Fixtures: Existing pole mounted light fixtures shall be completely removed. Remove fixtures and fixture arms as required without damaging the existing poles. Disconnect from wiring carefully to avoid damaging the wiring and to facilitate installation, connection and operation of replacement light fixtures. Remove existing anchors, fixture arms and other items to facilitate the installation of the replacement fixtures. Perform repairs as required to facilitate installation of the replacement fixture and provide for proper installation of the new luminaires. Where indicated or required, cut down the height of the existing poles for optimum operation of the new luminaires. Provide and install accessories as required for proper and secure installation of the new fixtures including, but not limited to, new brackets, bolts, pole caps, etc.
 - 1. Verify the structural integrity of each pole installation before and after alterations and installation of the new light pole head fixtures.
- C. Properly dispose of demolished items and materials promptly. On-site storage or sale of removed items is prohibited.
- D. Repairs, patching and replacements due to damage by the Contractor are the complete responsibility of the Contractor.

END OF SECTION

SECTION 26 05 00
RACEWAYS AND BOXES

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Special Conditions and Division 01 Specification Sections, apply to this section.

1.02 SUMMARY

- A. This section specifies all raceways and boxes as well as appurtenances thereto required under Division 26.
- B. Related work specified elsewhere:

1.	Division 01	General Requirements
2.	Section 26 03 00	Electrical Demolition
3.	Section 26 05 00	Raceways and Boxes.
4.	Section 26 10 00	Basic Electrical Materials and Methods
5.	Section 26 12 30	Wires, Cables, Splices, Terminations.
6.	Section 26 14 10	Wiring Devices
7.	Section 26 19 00	Grounding
8.	Section 26 19 50	Identification
9.	Section 26 47 00	Panel Boards
10.	Section 26 56 19	LED Fixtures and Controls
11.	Section 26 95 00	Electrical Testing

1.03 SUBMITTALS

- A. The Contractor shall submit product data, brochures, cuts, specifications, shop drawings, conduit layouts, installation drawings, diagrams, schedules and samples in accordance with Division 01 Section, Submittals, and supplementary requirements as stated under the sections of these Specifications for all the materials and construction referred to in this section.
1. All dimensions and conditions shall be field verified at the project site and coordinated with the work of all other trades.
 2. Conduit and box layout shall indicate obstructions that are to be avoided.
 3. Conduits and boxes shall not be exposed in finished areas unless indicated or approved otherwise.
- B. See Section 26 01 00, General Provisions Electrical for additional submittal requirements.

PART 2 PRODUCTS

2.01 RACEWAYS AND BOXES

- A. General:

1. All wire and cable shall be installed in electrical raceways of the type specified herein and shown on the Drawings.
 2. Minimum size conduit shall be 3/4 inch for RGS, 1-1/2 inch for fiberglass.
 3. Acceptable manufacturers for conduit, boxes and other electrical devices shall be Appleton, Crouse-Hinds, O-Z/Gedney or an approved equal.
- B. Galvanized Rigid Steel Conduit:
1. Galvanized rigid steel (GRS) conduit and fittings shall be installed in all above ground areas of this Project except as noted herein.
 2. GRS conduit shall be heavy wall type, hot-dipped galvanized with zinc-coated threads, and Underwriters' Laboratory labeled.
 3. GRS conduit and couplings shall be threaded, rigid steel, hot-dipped galvanized after fabrication and shall be in accordance with UL 6.
- C. Stainless Steel Conduit
1. At all exterior locations, wet locations, where moisture is present, where noted on the drawings or where otherwise required for corrosive environments, provide and install stainless steel conduit, boxes and fittings.
 2. Stainless steel conduit and fittings shall meet the following standards:
 - a. UL6A: Underwriters Laboratories requirement for conduit and fittings used as a raceway for wires and cables..
 - b. NEMA 4X: National Electrical Manufacturers Association standard for conduit's protection from corrosion and moisture.
 - c. ANSI C80.1: American National Standards Institute standard for conduit as an electrical wire and cable raceway.
 3. Use 316 stainless steel for conduit, boxes and fittings unless 304 stainless steel is approved in writing by the City.
- D. Intermediate metal conduit (IMC) is not acceptable.
- E. Rigid Non-Metallic Conduit:
1. Non-metallic rigid conduit shall be used for underground feeders, service feeders, and under concrete slabs on grade.
 2. Non-metallic rigid conduit shall be of the fiber glass reinforced epoxy type, minimum size of 1-1/2 inches in diameter.
 3. Fibre glass conduit shall be composed of glass filament encapsulated in an epoxy matrix. Each conduit length shall have an integral wound in expanded coupling. No threads or adhesives shall be required to assure watertight joints for underground installations.
 4. Conduit shall be suitable for continuous operation from minus 40 degrees C to plus 100 degrees C without significant change of mechanical properties. Conduit shall be pigmented with carbon black dispersed homogeneously throughout the epoxy glass matrix for UV protection.
 5. Conduit shall be UL listed.
- F. Liquid-Tight Flexible Metal Conduit:

1. Liquid tight flexible metallic conduit shall be used for termination at recessed light fixtures, in non-plenum ceilings, motors, transformers, and installations subject to vibration.
2. Liquid-tight galvanized steel flexible conduit shall conform to UL 360. Fittings shall be of a type designed to provide a liquid-tight continuation of the conduit system.

G. Liquid Tight Flexible Metal Tubing:

1. Liquid tight flexible metal tubing shall be used for termination at recessed light fixtures, in plenum ceilings.
2. Liquid tight metal flexible metal tubing shall conform to UL 360, Fittings shall be of a type designed to provide liquid-tight continuation of the conduit system.

H. Conduit Fittings:

1. Galvanized Rigid Steel Conduit:

- a. All fittings shall be; malleable iron; threaded type; hot dip galvanized or cadmium plated. Feraloy, aluminum, or threadless fittings are not acceptable and shall not be provided.
- b. All LB, LR, and LL fittings shall have detachable cover, captive brass machine screws, and full neoprene gasket. All LB, LR and fittings shall be NEC Series Mogul Type.
- c. Locknuts shall be malleable iron or steel, with non-slip notches.
- d. All bushings shall be of the insulated and grounding type.
- e. Expansion couplings shall have capability of eight inch movement and be complete with flexible bonding jumper.

2. Stainless Steel Conduit:

- a. All fittings shall be type 316 stainless steel except 304 stainless steel may be used if type 304 stainless steel conduit has been approved for use by the City in writing.

3. Rigid Non-Metallic Fiberglass Reinforced Epoxy Conduit:

- a. All fittings shall be composed of glass filaments encapsulated in an epoxy matrix.
- b. All fittings shall be pigmented with carbon black dispersed homogeneously throughout the epoxy glass matrix for ultra-violet protection.
- c. All fittings shall be suitable for continuous usage in ambient temperatures ranging from minus 40 degrees C to plus 100 degrees C without significant change of mechanical properties.
- d. Fittings in all sizes shall have inside diameters equal to the trade sizes.

4. Liquid-tight Flexible Metallic Conduit:

- a. All fittings for use with liquid-tight flexible metallic conduit shall require the use of a wrench during installation.
- b. All fittings shall; have a deep grip ferrule for thorough engagement of the flexible conduit and grounding continuity; provide high resistance to pull out of the flexible conduit from the fitting; withstand extreme external flexing, vibration and moist environments.

I. Conduit Hangers and Supports:

1. The Contractor shall provide all necessary conduit hangers, and equipment supports or hangers, including all structural steel members and shapes, standard rods, nuts, bolts, concrete inserts, expansion shells, pipe brackets, tubing and conduit clamps, as indicated, hereinafter specified, or as required to support and/or suspend all equipment and conduit.
2. Exposed conduit on walls or ceilings shall be supported, a minimum of every five feet, with galvanized malleable iron one hole clamps and matching backs, utilizing anchors as specified herein.
3. For concrete or brick construction, when stray current isolation is not required, insert anchors shall be zinc alloy steel or steel anchors as manufactured by Ackerman-Johnson, Paine or Philips with noncorroding round head machine screws.
4. For wood construction provide galvanized round head wood screws.
5. For exposed work, where two or more conduits, one inch or larger are run parallel, trapeze hangers, spaced on five foot centers may be used.
6. The Contractor shall secure fasten conduits to each support with U-bolts, or conduit straps. Conduit supports shall be as manufactured by B-Line, OZ/Gedney, Unistrut Corp., or approved equal. Supports shall be held to concrete walls and ceilings by electro-galvanized steel inserts as manufactured by B-Line, Ramset, Unistrut Corp., or approved equal. Supports suspended from steel structure shall be supported from drilled holes in the steel flange. The use of beam clamps for this work is not acceptable.
7. The Contractor shall provide hanger rods for trapeze-type hangers made from high tensile strength carbon steel not less than 1/2-inch diameter. The rods shall have free-running, burr-free Unified National Coarse threads, with an electro-galvanized finish. Conduit supports shall be located at intervals not exceeding 5 feet as required by City of Chicago Electrical Code.
8. For exposed work attached to the support structure of the Rapid Transit right of way, conduits shall be supported as shown on the Drawings. The use of beam clamps, and or trapeze type hangers for this work is not acceptable.
9. The use of explosive force, hammer actuated, booster assist, piston drive, or like devices is strictly prohibited.
10. The use of perforated strap hangers, plastic, or composition inserts is not acceptable.
11. The Contractor shall support vertical conduits by heavy wrought iron clamps or collars anchored in construction at each floor.
12. Where threaded fasteners are provided, either a jam nut or aerobic thread sealant manufactured by Loctite or approved equal shall be used.
13. Conduit hangers and supports for type 316 stainless steel conduit shall be type 316 stainless steel except 304 stainless steel may be used if type 304 stainless steel conduit has been approved for use by the City in writing.

J. Outlet, Junction and Pull Boxes:

1. Outlet boxes, shall be hot dipped galvanized sheet steel or cast ferrous metal conforming to UL 514, suitable for use in damp areas.
2. Outlet boxes installed outdoors, on, or under the platform, shall be cast iron type with a cast or malleable iron gasketed cover.
3. Junction and pull boxes shall be constructed of galvanized sheet steel, with continuously welded seams, and shall be hot dipped galvanized after construction. or cast Ferrous metal conforming to UL 50.

4. The size shall be as shown on the Drawings or required by the NEC and Chicago Electrical Code.
5. Outlet, junction and pull boxes for type 316 stainless steel conduit shall be type 316 stainless steel except 304 stainless steel may be used if type 304 stainless steel conduit has been approved for use by the City in writing.

K. Cable Trays:

1. Cable trays shall be of the ventilated, steel ladder type with 9 inch rung spacings. Trays shall have the depth and width as specified, required or shown on the Contract Drawings. All components of the tray system shall be of the same design and manufacture.
2. Cable trays and accessories shall conform to NEMA Standard VE 1 and shall be hot dipped galvanized after fabrication.
3. Cable trays shall have minimum load rating of 50 pounds per linear foot with safety factor of 1.5 at 12-foot support span.
4. Fittings in cable trays system shall have a minimum radius of 24 inches for both vertical and horizontal turns.
5. Trays and fittings shall be of Ventray Design as manufactured by B-Line Systems, Chalfant Mfg Co., MP Husky Corp. or approved equal.
 6. Cable trays for type 316 stainless steel conduit shall be type 316 stainless steel except 304 stainless steel may be used if type 304 stainless steel conduit has been approved for use by the City in writing.

PART 3 EXECUTION

3.01 CONDUIT INSTALLATIONS

A. General:

1. All conduits shall be installed as required. The conduit system shall be installed complete with all accessories, fittings, and boxes, in an approved and workmanlike manner to provide proper raceways for electrical conductors.
2. All conduit runs shown on the Drawings are shown diagrammatically for the purpose of outlining the general method of routing the conduits. Conduit shall be run underground or in concrete slabs only when shown on the Drawings. It shall be the Contractor's responsibility to avoid interferences.
3. Exposed conduit runs shall be installed true, plumb, parallel with or at right angles to adjacent structural members, and must present an orderly, neat and workmanlike appearance.
4. Factory-made conduit bends or elbows shall be used wherever possible in making necessary changes in direction. Field bends shall be made with proper tools for the size and type of conduit being used. Field bends shall be carefully made to prevent conduit damage or reduction in internal areas. The bending radius shall not be less than six times the nominal diameters of the conduit, with carefully matched bends on parallel runs to present a neat appearance. The number of crossovers shall be kept to a minimum.
5. All conduit cut on the job shall be carefully reamed after threading, to remove burrs. All field cut threads shall be tapered. No running threads will be permitted. Field cut threads on steel conduit shall be given a coat of zinc dust in oil, or other approved compound.
6. All threaded joints shall be watertight and ensure a low resistance ground path in the conduit system.
7. All conduits shall be carefully cleaned before and after installation and all inside surfaces shall be free of imperfections likely to injure the cable. After installation

of complete runs, all conduits shall be snaked with an approved tube cleaner equipped with an approved cylindrical mandrel of a diameter not less than 85 percent of the nominal diameter of the conduit. Any conduits through which the mandrel will not pass shall be removed and replaced. After snaking, the ends of the dead-ended conduits shall be protected with standard malleable metal caps to prevent the entrance of water or other foreign matter.

8. Lines of nylon or polypropylene, propelled by carbon dioxide or compressed air, shall be used to snake or pull wire and cable into conduits. Flat steel tapes or steel cables may be used for branch circuit runs less than 50 feet long.
9. Where conduits are connected to boxes or equipment enclosures, drilled holes or full size knockout openings shall provide electrical continuity for grounding and shall be assured by the use of bonding type locknuts. Where connections are at eccentric or concentric knockouts, jumper type grounding bushings and wire jumpers shall be installed.
10. At pull and junction boxes that have any dimension in excess of 18 inches and having a total of more than four conduit terminations, jumper type grounding bushings shall be installed on conduit ends and jumper wires shall be installed to bond all conduits and to bond conduits to boxes.
11. Communication conduit radius shall not be less than 10 conduit diameters.
12. Conduit bends which are crushed or deformed in any way shall not be installed.
13. Conduit systems shall be installed, with fittings, double locknuts and bushings, and made up tight to insure ground continuity throughout the system.
14. Conduit connections to enclosures located in exterior areas, interior wet areas or subway areas shall terminate in a threaded hub with an insulated throat to provide a positive seal, an electrical ground and a water tight connection. Each hub shall be manufactured by Meyers, OZ/Gedney Type CH-T, or approved equal.
15. Conduits and boxes shall not be installed directly on concrete walls or ceilings but instead mounted on stainless steel unistrut with stainless steel hardware.
16. All conduits installed above ground shall be properly supported at equal intervals. All conduits except RTRC conduits shall be supported at a minimum of every ten (10) feet. RTRC conduits shall be supported at a minimum of every six (6) feet.
17. All metallic raceway shall be isolated from "Elevated CITY Structures" with non-metallic supports and sleeves.

- B. As far as practicable, conduit shall be pitched slightly to drain to the outlet boxes, or otherwise installed to avoid trapping of condensate. Where necessary to secure drainage, a breather-drain fitting, shall be installed in the boxes or trapped conduit at low points. Each breather drain fitting shall be manufactured by Crouse-Hinds Co., Appleton Electric Co., or approved equal.
- C. Conduit shall not run through columns or beams unless so specifically detailed on the drawings.
- D. Conduit Installed in Concrete Slab
 1. Metal conduits shall not be installed in concrete slabs on grade. Where installed in slabs, conduit shall be placed in the center of the slab and no closer than 3 diameters from adjacent conduits. The maximum outside diameter of conduits in the slab shall be no greater than 1/3 of the slab thickness.
 2. Joints in conduit installed in concrete slabs shall be made watertight.
 3. Conduit openings shall be temporarily plugged with metal caps to exclude water, concrete, plaster and other foreign material.

4. Conduits run in earth below any floor slab shall be rigid non-metallic conduit and shall be entirely encased in reinforced steel concrete. In no case shall conduit be laid in fill below the slab.
 5. Conduits embedded in concrete shall be blocked and braced in place by use of adequate conduit separators to prevent displacement during the placing of concrete.
 6. The Contractor shall be held responsible for proper position of conduits and shall rearrange any conduit that may be displaced while concrete is placed.
 7. Conduits run in floor slabs shall be a minimum one inch in size, and as shown on the Drawings.
- E. The number of 90 degree bends shall be limited to 3 or a total of 270 degrees including all offsets, sweeps, kicks, etc. This shall include conduit runs between panelboards, switchboards, pullboxes, outlets boxes, fittings, or between outlets and fittings including bends located immediately adjacent to outlets or fittings. The maximum run without pull boxes shall be 150 feet.
- F. The Contractor shall furnish and install expansion fittings and bonding jumpers for the metallic conduit system where conduit crosses each building expansion joint, at each straight uninterrupted run of surface mounted conduit, or each vertical riser in excess of 100 feet and where conduits transfer between structurally independent buildings or supports. The distance between fittings as installed shall not exceed 200 linear feet.
1. Expansion fittings shall provide for 8 inch movement and shall include bonding jumpers.
 2. Expansion fittings shall be Appleton XJ with XJB jumpers, Crouse-Hinds, OZ/Gedney, or approved equal.
- G. All wiring systems shall be "pullable" and use of "BX" is prohibited.
- H. Conduits entering motor control center conduit compartments, free standing panels, and free standing control cubicles shall be fitted with jumper type insulated grounding bushings, bonded together and to the structure of the enclosure by a continuous bonding wire.
- I. Conduits and concrete type boxes, masonry boxes, and other flush mounted boxes shall be installed concealed in masonry walls, plaster walls, dry wall and concrete walls.
- J. All concealed conduits shall be placed in walls, floors, ceilings, or ducts at the proper time, in accordance with the progress of the structural work.
- K. Concrete encased conduit runs extending through structural expansion joints shall have fittings permitting longitudinal and lateral movement of the conduit ends without damaging the contained wires. The fittings shall be watertight and include a grounding bond.
- L. Conduit runs that enter the building from outdoors are subject to moisture accumulation due to condensation. A pull box shall be provided in the conduit run near the point of temperature change, to prevent trapping of moisture within the conduit system. A 1/4 inch weep hole shall be drilled in the bottom of the pull box. After the wires and cables are installed, the end of the conduit continuing into the warmer area shall be packed with a non-setting sealing compound.
- M. All communication, telephone, data and computer conduits shall have a minimum separation of 12 inches from any AC power and control conduits.

- N. When work is not in progress, open ends of conduit and fittings shall be securely closed so that no water, earth or other substance will enter.

3.02 CONDUIT CONNECTIONS TO EQUIPMENT

- A. The conduit system shall be terminated at the conduit connection point of electric motors, devices, and equipment. Terminations of conduits at such locations shall permit direct wire connections to the motors, devices, or equipment.
- B. Conduit connections shall be made with rigid conduit if the equipment is fixed and not subject to adjustment, mechanical movement, or vibration. Rigid conduit connections shall have union fittings, to permit removal of equipment without cutting or breaking the conduit.
- C. Conduit connections shall be made with approved flexible metallic conduit if the equipment is subject to adjustment, mechanical movement, or vibration. Flexible conduit connections shall be watertight.

3.03 OUTLET BOX INSTALLATION

- A. Boxes shall generally be 4 inches square or octagonal except as follows:
 - 1. In masonry walls, where conduit is installed concealed, each box shall be installed square cut masonry boxes.
 - 2. In concrete walls and floor slabs, where conduit is installed concealed, boxes shall be suitable and constructed for installation in concrete.
 - 3. In exposed work, surface outlet boxes shall be used for switches and receptacles.
 - 4. Outlet boxes for use with rigid conduit shall be of the threaded hub, malleable iron cast metal type, with malleable iron cast covers and gaskets.
 - 5. In finished plaster walls, drywall, etc., raised device covers on outlet boxes shall be provided.
 - 6. Where 1-1/4 inch conduits are required, the box size shall be a minimum of 4-11/16 inches square.
- B. Proper covers on boxes mounted flush shall be provided.
- C. All ceiling outlets shall have adequate supports and shall be equipped with adequate devices to carry and mount lighting fixtures provided fixtures do not weigh more than fifty pounds.
- D. An outlet box shall be provided at each device location requiring one.
 - 1. Outlet box locations as shown on the Drawings shall be considered as approximate only.
 - 2. Exact locations shall be determined from the Drawings or from field instructions. The Contractor shall coordinate box locations with the work of other trades.
 - 3. Boxes shall be installed true and plumb, so that the covers or plates shall be level and at uniform elevations for the type of outlets contained.
 - 4. Boxes for toggle switches and pilot lights at doorways shall be located at the strike side of the door.

- E. There shall be no more openings made in any box than are required for the conduits entering same. Depths of boxes shall be such as to allow for easy wire pulling and proper installation of wiring devices.
- F. Switches and receptacles shall be ganged in a common box only where the Drawings so indicate.
- G. Device Boxes:
 - 1. Recessed ceiling fixtures shall have 4 inch square sheet steel box with cover and suitable hanger bar. The box shall be secured to the ceiling suspension members not more than 1 foot from the fixture opening.
 - 2. Surface mounted ceiling fixtures, for plaster or dry wall ceilings, shall have 4 inch sheet steel octagon box with round opening plaster ring and suitable hanger bar with 3/8 inch fixture stud.
 - 3. Fixtures which weigh more than fifty pounds shall be supported independently of the outlet box.
 - 4. Surface mounted wall bracket fixtures (concealed conduit) shall have 4 inch square sheet steel box with plaster ring as required for the fixture.
 - 5. Ceiling outlets and wall bracket outlets (exposed conduit) in dry locations shall have 4 inch sheet steel octagon box with 3/8 inch fixture stud.
 - 6. Outlet boxes on exposed conduit run in wet or damp locations shall have 4 inch cast box with threaded hubs and gasketed covers.
 - 7. Wall switch and receptacle boxes installed in tiled or plastered walls shall have 4 inch square sheet steel boxes or multigang boxes with proper tile or plaster ring as required. Two gang may be provided by means of 4 inch square box with two gang tile or plaster ring.
 - 8. Wall switch and receptacle boxes in dry locations in brick walls, unfinished walls, woodwork, etc. shall have single or multigang 4 inch square sheet steel boxes.
- H. Plaster rings shall have threaded ears and shall be of suitable depth for the application.
- I. The Contractor shall provide boxes with metal barriers, baffles or separators for grouping of dis-similar conductors or system separation.

3.04 PULL BOX INSTALLATION

- A. Pull boxes shall be installed where shown and where necessary to insure that finished cable will not be damaged.
- B. Pull boxes shall be supported independently from the conduit system.
- C. The Contractor shall add pull boxes where needed even though not shown on the Drawings.
- D. Cable Trays:
 - 1. The entire cable tray system shall be installed and supported by devices as shown on the Drawings. A system of preformed galvanized channel members may be used to support cable trays subject to the approval of the Engineer.
 - 2. To prevent fire from spreading between cable trays, the fire resistant blanket, "Flame-Safe" blanket manufactured by Thomas & Betts or approved equal and shall be installed as required whether or not it is shown. For control cable trays, fire resistant blanket shall be installed on top of the cable tray as shown.

3.05 FILLING OF OPENINGS

- A. Where conduit and raceway pass through interior fire-rated walls, ceilings or floors, the Contractor shall provide seals to prevent passage of fire and fumes and to maintain integrity of fire-rated structure.
- B. The Contractor shall close unused openings or spaces in floors, walls and ceilings, and plug or cap all unused conduit and sleeves.
- C. Where conduit passes through walls or floors which are below grade, the Contractor shall provide watertight sealing fittings, OZ/Gedney Type W5K, or Approved Equal.

3.06 IDENTIFICATION

- A. Conduit runs shall be identified as specified under Section 26 19 50 Identification.

3.07 FIELD QUALITY CONTROL

- A. The Contractor shall arrange with the Engineer for inspection and approval of embedded conduit and boxes prior to concrete placement.
- B. The Contractor shall test metallic conduit and boxes for electrical continuity. The tests shall be conducted in presence of the City.

END OF SECTION

SECTION 26 10 00
BASIC ELECTRICAL MATERIALS AND METHODS

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Special Conditions and Division 01 Specification Sections, apply to this section.

1.02 SUMMARY

- A. This section includes all materials, equipment and labor required for electrical work and required for a complete and functional system.
- B. Related work specified elsewhere:

1.	Division 01	General Requirements
2.	Section 26 03 00	Electrical Demolition
3.	Section 26 05 00	Raceways and Boxes.
4.	Section 26 10 00	Basic Electrical Materials and Methods
5.	Section 26 12 30	Wires, Cables, Splices, Terminations.
6.	Section 26 14 10	Wiring Devices
7.	Section 26 19 00	Grounding
8.	Section 26 19 50	Identification
9.	Section 26 47 00	Panel Boards
10.	Section 26 56 19	LED Fixtures and Controls
11.	Section 26 95 00	Electrical Testing

1.03 SUBMITTALS

- A. The Contractor shall submit product data, brochures, cuts, specifications, maintenance data, shop drawings, installation drawings, diagrams, schedules and samples in accordance with Division 01 Section, Submittals, and supplementary requirements as stated under the sections of these Specifications for all the materials and construction referred to in this section.
- B. See Section 26 01 00, General Provisions Electrical for additional submittal requirements.

PART 2 PRODUCTS

2.01 ACCESS PANELS

- A. Where items such as pull boxes, junction boxes, other specialties, or any piece of equipment or device requiring adjustment or service, are concealed in the construction, the Contractor shall furnish an access panel for ceilings or walls to permit adjustment or service of the concealed item. The access panel shall be of a design suitable for installation in the material forming the finished surface in which panel is mounted.
- B. Panels shall be flangeless hinged type with vandal-proof fasteners.
- C. Panels shall be furnished and installed under this Contract.

- D. Acceptable manufacturers shall be Crouse-Hinds, Miami-Carey Co., Milcor Division, Inland-Ryerson Co. Nystrom, Inc. or approved equal.

2.02 EQUIPMENT BASES

- A. The Contractor shall provide concrete pedestals, bases, pads, curbs, anchor blocks, anchor bolts, slab inserts, hangers, channels, cradles, saddles, etc., for installation of all electrical equipment and apparatus that is floor mounted.
- B. Concrete pads shall be 4 inches high, unless otherwise indicated on the Drawings, complete with steel reinforcing and necessary bolts, anchors, etc. Where concrete pad is set directly on concrete floor, dowels in floor to tie base to floor shall be provided. These pads shall be extended at least 4 inches beyond the equipment outlined on all four sides, unless otherwise indicated on the Drawings.

2.03 VIBRATION ISOLATION

- A. Suspended vibration producing equipment shall have spring elements in the hanger rods or isolation pads under the equipment.
- B. Conduit connections to vibration producing equipment shall be made with flexible conduit.
- C. Acceptable manufacturers shall be Barry Division of Barry Wright Corp, Consolidated Kinetics Corp., Crouse-Hinds, Mason Industries or approved equal.

2.04 EXPANSION FITTINGS

- A. The Contractor shall furnish and install expansion fittings and bonding jumpers for the metallic conduit system where conduit crosses each building expansion joint, at each straight uninterrupted run of surface mounted conduit, at each vertical riser in excess of 100 feet and where conduits transfer between structurally independent pipes, poles or supports. The distance between fittings as installed shall not exceed 200 linear feet.
- B. Expansion fittings shall provide for 8 inch movement and shall include bonding jumpers.
- C. Expansion fittings shall be Appleton XJ with XJB jumpers, Crouse-Hinds, OZ/Gedney, or approved equal.

2.05 FLOOR BOXES AND FITTINGS

- A. Concrete tight floor boxes shall be pressed steel boxes with adjustable brass flange and covers. Acceptable manufacturers shall be Bell F 4052, Hubbell B 2529, or approved equal.
- B. Watertight floor boxes shall be cast iron with adjustable brass flange and covers. Close up plugs and reducing bushings shall be provided as required. Acceptable manufacturers shall be Bell F122-NR, Crouse-Hinds, Hubbell B 2537, or approved equal.

PART 3 EXECUTION

3.01 INSTALLATION - GENERAL

- A. Interferences:

1. Locations of conduits, fixtures and equipment shall be adjusted and supported to accommodate field conditions encountered, including any potential interferences with other construction or equipment to be installed.
 2. The Contractor shall determine the exact route and location of each duct bank and electrical raceway prior to fabrication.
- B. Accessibility:
1. The Work shall be installed to permit removal (without damage to other parts) of parts requiring periodic replacement or maintenance.
 2. Conduits and equipment shall be arranged to permit ready access to components and to clear the openings overhead doors and access panels.
 3. The Contractor shall provide necessary access panels in equipment as required for inspection and maintenance.
- C. Exterior Wall Openings:
1. Openings in exterior walls, particularly at or below grade, shall be kept properly plugged and caulked at all times to prevent the possibility of flooding due to storms or other causes.
 2. After completion of the Work, openings shall be permanently sealed and caulked so as to provide leakproof conditions.

3.02 SLEEVES

- A. The Contractor shall provide sleeves where conduits pass through walls, floors, partitions as required by the Drawings, and/or job conditions.
- B. Sleeves shall be 18 gauge galvanized sheet metal or plastic, as approved by code, of sufficient length to finish flush with finished surfaces at both ends of sleeves.
- C. Sleeves shall be not less than 1 inch larger than outside diameter of conduit.
- D. Floor sleeves shall be galvanized steel or plastic pipe as approved by code, shall be of sufficient length to finish flush with the top and bottom of the floor, and shall be watertight.
- E. Sleeves through walls, ceilings, and floors, shall have the net openings packed with glass fiber insulation. Each sleeve shall be fire sealed to match the fire rating of the structure they penetrate. Both ends of the sleeves are caulked with waterproof mastic to prevent noise, dirt, air and water transmission.
- F. Where conduits pass through floors on grade or exterior walls, the Contractor shall provide watertight sealing fittings, OZ/Gedney Type WSK or approved equal.
- G. Sleeves shall be set true to line level plumb and shall be so maintained during construction. Where sleeve is provided in poured concrete, the Contractor shall inspect during and after concrete is poured, to insure proper position and to correct any deviation.

3.03 PAINTING

- A. All electrical equipment not specified for factory finish painting under other sections of these Specifications shall be painted as specified herein.
- B. Prime Coat:

1. Before delivery to the site, the shop fabricated and factory built equipment, which is not galvanized or protected by plating, shall be cleaned and given one shop coat of zinc-chromate primer before delivery to the site.
2. Any portions of the shop coat damaged in delivery or during construction shall be recoated.
3. Nameplates, labels, tags, stainless steel, or chromium-plated items such as motor shafts, levers, handles, trim strips, etc, shall not be painted.

C. Finish Coat:

1. Conduit and equipment shall be left cleaned and primed, ready for finish painting provided under the Painting section of this Specification.
2. All equipment shall be factory finished in baked enamel or lacquer, or as specified. Standard finishes shall be approved. All scratches shall be touched-up by the Contractor.
3. All metal work installed by the Contractor exposed to weather and not factory finished shall be painted with one coat of red lead, and two coats of lead and oil paint of color selected by the City.

3.04 PATCHING

- A. The Contractor shall provide all cutting and patching of building materials required for the installation of the work herein specified.
1. No structural members shall be cut without the approval of the Engineer.
 2. Roof deck is considered a structural member.
 3. Approved cutting shall be done with concrete saws or core drills.
- B. Patching shall be provided by mechanics of the particular trade involved and done in a neat and workmanlike manner.
- C. Slots, chases, and recesses with openings in the walls, ceilings, floors and roofs shall be provided by the Contractor. The Contractor shall see that they are properly located.
- D. Slots, chases, openings and recesses in the structure shall be cut by the Contractor. The Contractor shall patch and repair as required.

3.05 CLEANING

- A. All rubbish and debris resulting from the Work of this SECTION shall be collected, removed from the site and disposed of legally on daily basis.
- B. All floors shall be kept in a broom clean condition.
- C. After completion of the electrical installations the entire system shall be thoroughly cleaned to remove all foreign materials from the conduits, boxes and enclosure, equipment, lighting fixtures, light standards, panels, cords, etc.
- D. Cleaned shall mean the thorough removal of, but not limited to, dust, dirt, oil, grease, cement, plaster, welding spatters and paint spatters.
- E. All cleaning agents and methods shall be in accordance with the electrical equipment manufacturers' recommendations and subject to approval of the City.

3.06 ALTERATION AND DEMOLITION

- A. A complete and accurate description of all electrical work within the affected areas cannot be accomplished through the media of Drawings and Specifications. Where existing electrical work prevents proper construction of new materials, the Contractor shall remove, reroute, relocate, or in other ways alter the existing work in order to accommodate the new work requirements. Such performance shall be as generally outlined herein and found necessary under field conditions and shall be considered as included under the Contract.
- B. The Drawings are generally instructive of the alterations which involve the existing electrical work. It is not intended that such alterations be limited to these instructions.
- C. Where existing electrical equipment must be removed as a result of the alterations, it shall be completely demolished, back to the first outlet or junction box which is left unaffected by this work. All conduit, wire, supports, hangers, etc. shall be included under this requirement. Conduit which is encased in concrete or otherwise unaccessibly positioned may be abandoned. In such cases wire shall be pulled out of conduit and the conduit itself shall be plugged and capped at each end.
- D. Existing electrical material and equipment, including lighting fixtures, switches, receptacles, conduit outlets, fittings, and other devices which are removed as a result of the alterations shall remain the property of the City and shall be stored on the site as directed.
- E. Existing electrical material and equipment with the exception of wire and cable, as generally outlined in the previous paragraph, shall be re-used as completely as is found practical. The Contractor shall examine the condition of such material and equipment and make a prior determination of whether it is suitable for re-use. The Contractor shall present findings periodically to the Engineer who in turn will make the final decision regarding re-usability. Wire and cable shall be new.
- F. Various signal, communications, and other services shall remain in service to provide continuous operation for the City's functions. No interruptions of any services will be allowed without written approval from the City.
- G. The Contractor shall remove or reroute electrical feeders, risers, branch circuits, and other wiring as required by the alterations or as shown on the Drawings. Wiring extending through remodeled areas but serving loads which must remain shall be rerouted as required, and reconnected to those loads.

END OF SECTION

SECTION 26 12 30
WIRES, CABLES, SPLICES AND TERMINATIONS

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Special Conditions and Division 01 Specification Sections, apply to this section.

1.02 SUMMARY

- A. This section specifies all wires, cables, splices and terminations as well as appurtenances thereto required under this Contract.
- B. Related work specified elsewhere:

1.	Division 01	General Requirements
2.	Section 26 03 00	Electrical Demolition
3.	Section 26 05 00	Raceways and Boxes.
4.	Section 26 10 00	Basic Electrical Materials and Methods
5.	Section 26 12 30	Wires, Cables, Splices, Terminations.
6.	Section 26 14 10	Wiring Devices
7.	Section 26 19 00	Grounding
8.	Section 26 19 50	Identification
9.	Section 26 47 00	Panel Boards
10.	Section 26 56 19	LED Fixtures and Controls
11.	Section 26 95 00	Electrical Testing

1.03 SUBMITTALS

- A. The Contractor shall submit product data, brochures, cuts, specifications, maintenance data, shop drawings, installation drawings, diagrams, schedules and samples in accordance with Division 01 Section, Submittals, and supplementary requirements as stated under the sections of these Specifications for all the materials and construction referred to in this section.
1. Materials – AC Wire & Cable: The Contractor shall submit for approval, before ordering or purchase of wire or cable, the following for each type and size to be furnished:
- a. Manufacturer of wire, cable, accessories.
 - b. Number and size of strands composing each conductor.
 - c. Conductor insulation, in 64ths of an inch.
 - d. Sheath thickness in 64ths of an inch.
 - e. Average overall diameter of finished cable.
 - f. Minimum insulation resistance in megohms per 1,000 feet.
 - g. Representative sample length including all labeling and identification.
- B. See Section 26 01 00, General Provisions Electrical for additional submittal requirements.

PART 2 PRODUCTS

2.01 GENERAL

- A. NOT USED
- B. Only new cables shall be provided. Cables which have been manufactured more than two years prior to installation will not be accepted.
- C. The conductors, unless otherwise noted, shall be soft or annealed copper conforming to ANSI/ASTM B 33 if coated, ANSI/ASTM B 3 if uncoated. In addition, unless otherwise specified, stranded conductors shall have concentric stranding as per ANSI/ASTM B 8.
- D. Cables shall be supplied with both ends of each length sealed against the entry of moisture.

2.02 QUALITY ASSURANCE - AC CABLE

- A. All wires and cables shall be listed by Underwriter's Laboratories, Inc. and shall be copper.
- B. All wire and cable shall be stamped every two feet indicating, voltage, type, temperature rating, manufacturers name, etc., all in conformance with latest applicable standard.
- C. All conductors for wire and cable shall be copper based on 98 percent conductivity according to Mattheisen's Standard.

2.03 MATERIALS - AC WIRE AND CABLE

- A. Wire number 16 AWG and smaller shall be solid, wire number 14 AWG and larger shall be stranded. Control wiring shall be stranded in all sizes and color coded, as approved by the City.
- B. All wire Number 6 AWG and smaller, shall have color coded insulation. All wires Number 4 AWG and larger in each, pullbox, outlet, cabinet and every point where wires are accessible or visible, shall be color coded. The same color coding shall be used throughout the entire electrical system.
- C. Color as selected for the purpose of identifying circuits shall be applied to the wire. The colors shall be fast, fadeless and capable of withstanding cleaning in the event that the wire becomes soiled.
 - 1. Green shall be used only for ground wire.
 - 2. All conductors shall be color coded as follows:

	<u>240V/208V/120V AC</u>	<u>480/277V AC</u>
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Phase A	Black	Brown
Phase B	Red	Orange
Phase C	Blue	Yellow
Neutral	White	White
Ground	Green	Green

- D. All numerical references to wire size in the Specifications and on the Drawings refer to standard American Wire Gauge (AWG), or where so stated, thousands of circular mils (KCMIL).

- E. The Contractor shall submit for approval, before purchase of wire or cable, the following for each type and size to be furnished:
 - 1. Manufacturer of wire, cable.
 - 2. Number and size of strands composing each conductor.
 - 3. Conductor insulation, in 64ths of an inch.
 - 4. Sheath thickness in 64ths of an inch.
 - 5. Average overall diameter of finished cable.
 - 6. Minimum insulation resistance in megohms per 1,000 feet.
 - 7. Representative sample length including all labeling and identification.
- F. The Contractor shall provide wire with thermoplastic insulation type "THWN/AWM." Wire insulation shall consist of a tough, elastic, flexible rubber-like synthetic insulation compound made from 105 degrees C polyvinyl chloride or, its copolymer with vinyl acetate, covered with a nylon jacket. It shall be highly resistant to oil and moisture and shall not be affected by acid or alkali conditions, and marked by UL label as "Gas and Oil Resistant II."
- G. The insulation compound shall be suitable for operating without undue injury or deterioration; under conductor temperatures not exceeding 75 degrees C wet or dry, and 75 degrees C in oil UL rating; and shall be rated 600 volts.
- H. The thermoplastic insulation and nylon jacket shall be applied to the conductor in a manner that will provide continuous walls of uniform thickness, free from defects and of high dielectric strength.
- I. Type "THWN/AWM" insulated wire and cable shall be manufactured and tested in accordance with the requirements of UL and the latest ASTM Specifications for insulated wire and cable, polyvinyl insulation compound and nylon jacket, and shall also comply with IPCEA Standard S-19-81.

2.04 MATERIAL - AERIAL AND UNDERGROUND CABLE, AC SERVICE

- A. Aerial and underground cable shall be single conductor copper. Conductor insulation shall be XLP insulation/jacket, 600V type RHH-RHW-USE. All conductors shall have an overall jacket, resistant to ozone, sunlight and weather.
- B. Cable shall be rated, for continuous full-load operation, 90 degrees C in dry locations or 75 degrees C in wet or dry locations.

2.05 MANUFACTURERS

- A. AC Wire and cables shall be as manufactured by Pirelli, Okonite, Triangle Wire & Cable, or Rome, Product of Cyprus Wire, or Carol Cable - Division of Avnet, or approved equal.
- B. Data Wire and cables shall be as manufactured by Belden

2.06 CABLE SPLICING, TERMINATING AND ARC PROOFING MATERIALS

- A. TERMINATIONS - AC WIRES AND CABLES:
 - 1. Special care shall be taken to balance the loads on all phases, at all cabinets. The panelboard schedules show the proper circuiting, the Contractor shall not change this circuiting with out the approval of the Engineer. Distinguishing colors shall be used for identifying the particular phase on which the circuit belongs.
 - 2. 600 volt cable lugs for terminations to busbar, switch studs, and terminal blocks,

for Number 22 AWG to 10 AWG wire shall be color coded nylon insulated ring tongue lugs in vibration areas, and spade type in other areas. They shall have a secondary metal sleeve around the wire barrel for insulation strain relief. Type shall be Panduit Pan-Term PN series terminals.

3. 600 volt cable lugs for termination to busbar and switch studs for Number 8 AWG to 1/0 AWG wire shall be with standard barrel one hole high conductivity seamless copper lugs with inspection holes to assure adequate wire insertion. The tongue shall be stamped with wire size, UL & CSA logos and manufacturer. The base part number and stud size should also be stamped on the tongue to assure adequate identification in application. Barrels shall contain color coded rings, die color code and/or number. Crimp locations shall be indicated to assure correct installation. For further identification, the manufacturer should also be included on the barrel. Type shall be Panduit Series LCB or LCC Power Connectors or Burndy Type YA, or approved equal.
4. 600 volt cable lugs for termination to busbar and switch studs for number 2/0 AWG and larger wire shall be terminated with long barrel, two hole high conductivity seamless copper lugs. Barrels shall contain color coded rings knurled markings indicating die color code, die index numbers, and crimp locations to assure correct usage and installation. For further identification, the manufacturer should also be included on the barrel. For Number 2/0 to 250 MCM sizes, the tongue may be stamped with wire size, UL & CSA logos and manufacturer. The base part number and stud size should also be stamped on the tongue to assure adequate identification in application. Type shall be Panduit LCC series Power Connectors or Burndy Type YA, or approved equal.

B. SPLICES - AC WIRES AND CABLES:

1. Number 10 AWG and smaller wire shall be spliced with insulated butt connectors. Connectors shall contain a center wire stop for adequate wire insertion, translucent nylon insulated housings to insure accurate crimp location, and brazed seam construction for high performance terminations. Type shall be Panduit BSN Pan-Term Butt Splices or 3M "Scotch Lock."
2. Number 8 AWG and larger wire shall be standard barrel, high conductivity seamless copper splices. Barrels shall contain color coded rings knurled markings indicating die color code, die index numbers, and crimp location to assure correct usage and installation. For further identification, the base number and manufacturer should also be included on the barrel. Type shall be Panduit SCS series Power Connectors or 3M "Scotch Lock."
3. Number 10 AWG and smaller wire taps for solid wires shall utilize insulated compression type twist wing or nut style connectors with 105 degrees C, 600 volt rating, for UL listed wire combinations. Connectors shall have a tough nylon housing with a deep skirt to prevent shorts and flashovers, funnel entry to facilitate wire insertion, expanding square wire spring design to ensure reusability, as well as markings to indicate part number UL & CSA logos, and wire range. Nut Style connectors shall be of industry nut style color coding; Blue, Orange, Yellow, and Red (small to large) with comfortable ribs for greater gripping. Industry standard Wing Style color coding shall also be used; Yellow, Red, Blue (small to large), with offset wings to ensure comfort and torquing capability. In addition, black connectors may be used for temperature applications to 150 degrees C and green connectors for grounding applications. Type shall be Panduit "P-Conn" Wire Connectors or 3M "Scotch Lock."
4. Number 10 AWG stranded and smaller, taps shall be made with insulated compression type wire joints. Type shall be Panduit Type JN or approved equal.
5. Number 8 AWG and larger wire taps for stranded wire shall utilize compression taps up through 4/0 AWG wire or parallel gutter taps for larger wire. Taps shall

have part number and wire range indicated on the body of the connector. Type shall be Panduit C-Tap Power Connectors or OZ Electrical Type XTP parallel gutter taps.

PART 3 EXECUTION

3.01 INSTALLATION - AC WIRES AND CABLES

- A. Wires and cables shall be carefully handled during installation. Joints and splices shall be made in an approved manner, and shall be equivalent electrically and mechanically to the conductor itself.
- B. Conduit fill shall be based on Chicago Electric Code for "New Work."
- C. All branch circuit and control wiring, in conduit shall be not less than Number 12 AWG wire unless noted otherwise.
- D. Stranded control cables in Number 12 AWG size and smaller shall be terminated into solderless lugs, then lug shall be connected to terminal part.
- E. At least six inch loops or ends shall be left at each outlet for the installation of fixtures or devices.
- F. All wires in outlet boxes not for the connection to fixtures, devices or other wires at that outlet, shall be rolled up and the ends capped or taped.
- G. All circuits in panelboards shall be neatly grouped and tied with seine twine, or nylon wire ties.
- H. No splice or any kind shall be pulled into any raceway. All splices and taps shall be accomplished in a manhole, handhole, junction, pullbox or other accessible enclosure.
- I. Wire and cable shall be delivered to the site in marked manufactures cartons.

3.02 WIRE PULLING LUBRICANT

- A. When necessary to use a lubricant for pulling wires in steel conduit, lubricant shall be UL listed and be of such consistency that it will leave no obstruction or tackiness that will prevent pulling out old wires or pulling in new or additional wires. No soap flakes or vegetable soaps shall be permitted.

3.03 TESTING

- A. Wires and Cables:
 - 1. After wires and cables are in place and connected to devices and equipment, the system shall be tested for shorts and grounds as specified in Section 26 95 00, Electrical Testing.
 - 2. All hot wires, if shorted or grounded, shall be completely removed and replaced in kind.
 - 3. A voltage test shall be made at the last outlet on each circuit. If the drop in potential is greater than permitted by the CEC, the Contractor shall correct the condition by removing and replacing partly grounded connections or reconnecting high resistance splice.
 - 4. All grounds, shorts and high resistance splices shall be remedied immediately at the conclusion of testing for acceptance.

5. Any wiring device, or electrical apparatus provided under this Contract, if grounded or shorted shall be removed, trouble corrected and reinstalled.
6. All high voltage cables, after in place and connected, shall be megged, in presence of the City.
7. All meters, cable connections, equipment or apparatus necessary for making all tests shall be furnished by the Contractor at Contractor's own expense. The Contractor shall provide copy of all tests for City's approval of result.
8. No work shall be covered up without approval of the City.

3.04 IDENTIFICATION OF WIRES AND CABLES

A. General:

1. All wires and cables, shall be identified by circuits in all cabinets, boxes, manholes, hand-holes, wiring troughs and other enclosures, at all terminal points.
2. The circuit designations shall be as shown on the Drawings, or as directed by the City. Tags shall be attached to wires and cables so that they will be readily visible.

- B. Cable/wire markers shall be installed on both ends of all conductors, both for internal and external cables. Cable/wire markers shall be as specified under Section 26 19 50 Identification.

END OF SECTION

SECTION 26 14 10
WIRING DEVICES

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Special Conditions and Division 01 Specification Sections, apply to this section.

1.02 SUMMARY

- A. This section specifies requirements for the furnishing and installing of wiring devices.
- B. The Contractor shall furnish, install and connect all wiring devices and plates as shown on the Contract Drawings and as hereinafter specified.

1. Wiring devices include but are not limited to wall switches, wall plates, timers, surge protection devices, plugs, receptacles and disconnect switches.

- C. All devices shall be heavy duty specification grade conforming to the latest NEMA configurations.
- D. In general all devices shall be one gang wide or wider as required for heavier rated devices.
- E. All devices for wall system outlets shall be supplied by one manufacturer. All furnished device plates shall be supplied by one manufacturer.
- F. All receptacle descriptions given herein are general in nature. Exact receptacle type, rating and configuration shall match the requirements of connected equipment.
- G. Related work specified, elsewhere includes:

1.	Division 01	General Requirements
2.	Section 26 03 00	Electrical Demolition
3.	Section 26 05 00	Raceways and Boxes.
4.	Section 26 10 00	Basic Electrical Materials and Methods
5.	Section 26 12 30	Wires, Cables, Splices, Terminations.
6.	Section 26 14 10	Wiring Devices
7.	Section 26 19 00	Grounding
8.	Section 26 19 50	Identification
9.	Section 26 47 00	Panel Boards
10.	Section 26 56 19	LED Fixtures and Controls
11.	Section 26 95 00	Electrical Testing

1.03 SUBMITTALS

- A. The Contractor shall submit product data, brochures, cuts, specifications, maintenance data, shop drawings, installation drawings, diagrams, schedules and samples in accordance with Division 01 Section, Submittals, and supplementary requirements as stated under the sections of these Specifications for all the materials and construction

referred to in this section.

- B. Provide product overview data, applicable standards and certifications, catalog number order information, product selection information, technical data and specifications for approved use in classified hazardous locations, approved equipment hardware, accessory guide and installation information.
- C. See Section 26 01 00, General Provisions Electrical for additional submittal requirements.

1.04 QUALITY ASSURANCE

- A. The Contractor shall provide devices of the Specifications grade as minimum. Devices shall be of NEMA configuration and shall bear the label of the Underwriters Laboratories.

PART 2 PRODUCTS

2.01 LIGHTING SWITCHES AND TOGGLE SWITCHES

- A. Switches shall be mounted at man-doors where shown on the Drawings, in suitable outlet boxes in the wall or partitions. except where noted on the Drawings.
- B. Switches shall be rated 20 amperes, 120/277 volts ac. The handle of each switch shall be brown or ivory as required by the City.
- C. Single pole switches shall be Hubbell Catalog Number CSB 120, Pass & Seymour Catalog Number 20 AC 1, or approved equal. The switch color shall be brown or ivory as approved by the City.
- D. Two pole switches shall be Hubbell Catalog Number 1222, Pass & Seymour Catalog Number 20 AC 2, or approved equal. The switch color shall be brown or ivory as approved by the City.
- E. Three way switches shall be Hubbell Catalog Number CSB 320, Pass & Seymour Catalog Number 20 AC 3, or approved equal. The switch color shall be brown or ivory as approved by the City.
- F. Four way switches shall be Hubbell Catalog Number 1224, Pass & Seymour Catalog Number 20 AC 4, or approved equal. The switch color shall be brown or ivory as approved by the City.
- G. Switches for the traction power substation cable vault shall be with illumination when cable vault lights are on.
 - 1. Provide illuminated Hubbell switch no. HBL1221PLC or approved equal.

2.02 CONVENIENCE OUTLETS

- A. Convenience outlets for general use shall be duplex, 3 wire, 20 ampere, 125 volt, NEMA 5-20 R grounding type. Each outlet shall be Number 5362 as made by Pass & Seymour, Hubbell Number CBRF-20, or approved equal. Outlets shall be brown or ivory as approved by the City.
- B. Each clock outlet shall be Hubbell Number 5235, Pass & Seymour, or approved equal.

- C. Ground fault circuit interrupters shall be heavy duty, feed through, duplex type rated 20 ampere, 125 volt, incorporating solid state ground fault sensing and signaling, 5 mA trip level. Outlets shall be brown with matching cover plate Hubbell Catalog Number GF 5352, Leviton Catalog Number 6898, Pass & Seymour 2091-S, or approved equal.
- D. Receptacles installed outside of the buildings, cable vault and in toilets shall be "ground fault interrupter" Type UL Class A.
- E. Other outlets shall be as called for on the Drawings and as specified herein.

2.03 SWITCH AND RECEPTACLE WALL PLATES

- A. Plates shall be manufactured by the device manufacturer.
- B. In finished areas, plates shall be metal, smooth high abuse, color shall match hardware in surrounding area, as approved by the City.
- C. In unfinished areas, plates shall be of the type designed for use with the particular boxes.
- D. In toilets, and utility rooms, plates shall be Type 302/304 nonmagnetic stainless steel.
- E. Jumbo plates shall be used on concrete block walls.
- F. Weatherproof, gasketed, lockable spring type covers shall be provided for weatherproof receptacles. Weatherproof covers shall be Hubbell Catalog Number 5206, Pass & Seymour PS 4510, or approved equal.
- G. In-use type covers shall be provided as applicable where equipment is permanently connected in exterior locations.

2.04 SURGE PROTECTIVE RECEPTACLES

- A. The Contractor shall provide one surge protective receptacle at each computer terminal, in addition to the computer data terminal shown on the Drawings. The color shall be as required.
- B. Each receptacle shall comply with UL 1449 and ANSI/IEEE C 62.41, latest edition.
- C. Each receptacle shall be Hubbell Number 5350 S, Leviton Catalog Number 5380 P, Pass & Seymour Catalog Number 6362 SP, or approved equal.

2.05 SURGE SUPPRESSION RECEPTACLES WITH ISOLATED GROUND

- A. The Contractor shall provide duplex surge suppression receptacles with isolated ground as shown on the Drawings. Each receptacle shall be provided with a power-on indicator light and audible alarm. The audible alarm shall energize when the surge protection is no longer functioning, and shall keep alarming until the module is replaced.
- B. Each surge suppression receptacle shall be UL listed to standards 1449 and 498 and CSA certified, (NEMA 5-15 R configuration only) and shall comply with ANSI/IEEE C 62.41, latest edition.
- C. The rating shall be shown on the drawings. The color shall be as required.

- D. The receptacles shall be manufactured by Eagle Catalog Number IG 1210, Hubbell Catalog Number IG-5252-S and Catalog Number SM-D 125, color as required, or approved equal.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Wall switches and receptacles shall be located where indicated on the Drawings, arranged singly or in gangs and at the height specified or indicated and shall have approved plates and finishes as specified herein.
- B. The Contractor shall install the equipment in strict accordance with the approved shop drawings and the equipment manufacturer's recommendations.
- C. The Contractor shall adjust the location of equipment to accommodate the work in accordance with field conditions encountered.
- D. Provide rust-resistant mounting hardware for all wiring device boxes.
- E. Receptacles on single outlet branch circuits shall be the same rating as the branch circuit overcurrent protection.
- F. The Contractor shall install wall switches with OFF position down.
- G. The Contractor shall derate wall dimmers as instructed by the equipment manufacturer. The use of common neutral is not acceptable.
- H. The Contractor shall install each convenience receptacle with the grounding pole on bottom when mounted vertically or on the right when mounted horizontally.
- I. The Contractor shall install plates on all switch, and receptacle outlets and shall install blank plates on all unused boxes.
- J. The Contractor shall install devices and plates flush and level.
- K. The Contractor shall seal all connections on GFCI with seal coat compound and wrap with two layers tape.
- L. Each switch shall be mounted 4 feet 0 inches above the finished floor. Each receptacle shall be installed 1 foot 6 inches above finished floor, or unless shown otherwise on the Drawings.
- M. Each receptacle and switch shall be side wired. Back wiring is not acceptable.
- N. Receptacles installed in areas accessible to the public shall be equipped with lockable covers.

3.02 PERFORMANCE TESTING

- A. The Contractor shall test the complete wiring device installations to assure proper operation.
- B. The Contractor shall test each ground fault interrupter to demonstrate each circuit trips between 2 to 5 milliamperes.

END OF SECTION

SECTION 26 19 00
GROUNDING

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Special Conditions and Division 01 Specification Sections, apply to this section.

1.02 SUMMARY

- A. This Section specifies grounding requirements for this project.
- B. The Contractor shall furnish and install complete a grounding system as required by the Drawings and as required by these Specifications.
- C. Related work specified, elsewhere:

1.	Division 01	General Requirements
2.	Section 26 03 00	Electrical Demolition
3.	Section 26 05 00	Raceways and Boxes.
4.	Section 26 10 00	Basic Electrical Materials and Methods
5.	Section 26 12 30	Wires, Cables, Splices, Terminations.
6.	Section 26 14 10	Wiring Devices
7.	Section 26 19 00	Grounding
8.	Section 26 19 50	Identification
9.	Section 26 47 00	Panel Boards
10.	Section 26 56 19	LED Fixtures and Controls
11.	Section 26 95 00	Electrical Testing

1.03 SUBMITTALS

- A. The Contractor shall submit product data, brochures, cuts, specifications, shop drawings, conduit layouts, installation drawings, diagrams, schedules and samples in accordance with Division 01 Section, Submittals, and supplementary requirements as stated under the sections of these Specifications for all the materials and construction referred to in this section.
- B. See Section 26 01 00, General Provisions Electrical for additional submittal requirements.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Grounding conductors, other than bus bars, shall be stranded copper wire, with type XHHW green 600 volt, rated insulation sized and installed in accordance with Code requirements, and as noted on the Drawings.
- B. Ground rods shall be 3/4 inch minimum diameter, 10ft long stainless steel type 304 rods, in 5ft threaded sections.

- C. Bare ground cable shall be bare Class A, stranded, annealed, high conductivity copper, no less than 97% IACS.
- D. Ground bar shall be hard drawn, high conductivity rectangular copper bus bar, no less than 97.4 percent IACS and shall meet requirements of ASTM SPEC B133 166 (latest edition for copper alloy 110).
- E. Insulated grounding cable shall be 600 volt type "USE", stranded copper, 75C RHW insulation, and neoprene sheath.
- F. Ground rod connectors, cable to cable connectors and cable to bar connectors shall be high copper alloy cast body with silicon bronze hardware, manufacturer and type as established by the Contractor.
- G. Ground rods shall be complete with ground wells. The ground wells shall be high-density polyethylene type (HDPE) series 1419-18 by Carson Industries or approved equal.

2.02 GENERAL GROUNDING REQUIREMENTS

- A. The equipment ground conductor shall be distinct and separate from the system neutral ground conductor and shall not be used as a load current-carrying conductor. The equipment ground conductor shall be electrically and mechanically continuous from the transformer neutral ground to the equipment to be grounded. The equipment ground conductor shall provide a low impedance path for line-to-ground fault currents and bond all non-current carrying enclosures together including raceways, fixtures, receptacles, panels, controls, motors, disconnect switches, and exterior lighting standards.
- B. Where building type conductors are installed in a raceway, the equipment ground conductor shall have a minimum size conductor of Number 12 AWG copper. Where green insulation is not available, on large size cable, black insulation shall be used and shall be identified with green colored tape at each junction box or device enclosure.
- C. Wiring channels, cable trays, and all metallic conduit including rigid electrical metallic tubing and flexible conduits, shall be connected at each end to the equipment ground conductor utilizing a conduit grounding bushing, O-Z type BL, or approved equal.
- D. Switchboards, panel boards, motor control centers, and panels shall be provided with an equipment ground bus (including lug or screw terminals) and shall be securely bonded to the enclosure. Junction boxes and other enclosures (sizes above 5 inches by 5 inches) shall utilize an equipment ground bus or lug as required to securely bond the equipment ground conductor to the enclosure.
- E. Lighting fixtures shall be securely connected to the equipment ground conductor. A continuous row of fluorescent fixtures mechanically joined to provide good electrical contact may be considered as one fixture with the equipment ground conductor connected at only one point.
- F. Motors shall be connected to the equipment ground conductor. Bolts, nuts, and washers shall be bronze, cadmium plated steel, or other noncorrosive material.
- G. Any metallic construction on the platform located less than 6 feet from the DC negative return shall be made electrically continuous with it. Where this is not possible, it shall be covered with an insulating protective barrier. This is to reduce the possibility of shock should a person contact the two potentials at the same time. DC negative returns are the running rails and anything electrically continuous with them including the RT Car and

support structure for the track. Constructions that may be at other potentials are the elevator enclosure or station platform head house.

- H. All light poles shall be grounded using a $\frac{3}{4}$ " x 10' long 304 stainless steel rod.

2.03 TRANSFORMER GROUNDING

A. The 120 volt and 277 volt system neutrals, for grounded transformers, shall be a white insulated current-carrying conductor over which unbalanced neutral load currents may flow. The neutral conductor shall originate at the grounded wye secondary of each transformer.

1. The wye-connected secondary ground of each transformer shall be grounded directly to the electrical power system ground bus.

2.04 AT OR BELOW GRADE STATION REFERENCE GROUNDING ELECTRODES

A. Stations at or below grade shall use a ground field as the Reference Grounding Electrode. The ground field is installed using three (3) $\frac{3}{4}$ " x 10' ground rods in triangular pattern at a distance of 10' between the rods. The rods are interconnected using 4/0 bare copper conductors. The ground field is then connected to the nearest steel column, as well as the copper ground bus in the electrical or communication room using 4/0 bare copper conductor. All connections shall be exothermic weld. Resistance to earth shall not exceed five (5) ohms. All utilities shall be isolated where they enter the station. Inside the station, all utility services shall be bonded to the Reference Grounding Electrode.

PART 3 EXECUTION

3.01 GROUNDING SYSTEM

- A. The intent is to set forth requirements for an effective ground system. The ground system shall be installed so that the line-to-ground circuit has an impedance sufficiently low to limit the potential above ground to a level that shall ensure freedom from dangerous electric shock-voltage exposure to the persons in the area, and to facilitate the operations of the overcurrent devices in the circuit.
- B. The entire power and lighting systems shall be permanently and effectively grounded in accordance with the latest issue of the Chicago Electrical Code. The items covered shall include but not be limited to panels, motor frames, lighting fixtures and associated switches and other exposed, non-current carrying parts of the electrical equipment and as shown on the Drawings.
- C. In general, the conduit systems shall contain an equipment ground wire.
1. Continuity of ground shall be maintained throughout the conduit systems, in particular the PVC conduit, as required by the City of Chicago Electrical Code.
2. Ground bushings and jumpers shall be used wherever the normal metallic conduit termination does not insure continuity of ground.
- D. Concealed or inaccessible grounding connections shall be made with exothermic process.
1. Accessible grounding connections shall be bolted or clamp type unless otherwise indicated.
2. Soldered connections will not be permitted in the grounding system.

- E. Grounding conductors shall be protected from mechanical damage, and shall be supported in an approved manner.
- F. Grounding connections made below grade shall include the installation of waterproof tape
- G. Where ground conductors are run in conduit or other raceway, the ground conductor shall be bonded to the conduit or raceway at each end.

3.02 CONTINUOUS GROUND BUS

- A. Switchboards, panel boards, and motor control centers shall have a continuous ground bus within the enclosure, bonding all sections together.
- B. The ground bus shall be connected to the main service ground by means of a grounding conductor run in the same conduit or raceway as the feeder conductors.
- C. When indicated on the contract drawings, a continuous ground bus 1/4 inch by 2 inches shall be surface mounted 1 foot above floor level around the perimeter of the Electrical and Communications rooms. The ground bus in the Electrical room shall be connected to the track structure by an insulated Number 4/0 AWG ground conductor, the ground bus in the Communications room shall be connected to the ground bus in the Electrical room by a 4/0 AWG ground wire.

3.03 GROUNDING SYSTEM FIELD TESTING

- A. Ground system field testing shall be witnessed by the City's Testing Engineers.
- B. The testing of grounding systems shall be done by an independent testing service employing the 3 point Fall-of-Potential method with a null balance instrument. Meter shall be such that lead resistance is rejected via null balance. Subtraction of lead resistance is not allowed (or necessary).
- C. The test meter shall be Associated Research Vibro-ground test set with null balance, James A. Biddle Megger Earth-Tester-Null Balance, or approved equal.
- D. A graph of instrument readings versus potential electrode distance shall demonstrate a "flat" portion on the graph. Failure to achieve this will require larger electrode spacing or different test method. Reading obtained on flat or horizontal portion of graph is taken as resistance to earth of ground under test.
- E. Ground grid shall be isolated from electrical supply neutral during test.
- F. The ground test shall verify that the resistance to ground does not exceed 5 Ohms. If resistance is in excess of 5 Ohms, the Contractor shall install additional ground rods and cable, if directed by the City, until resistance is brought down to 5 Ohms or less. The ground resistance test data shall be posted on the City's project management web-site for the City's approval.

3.04 INSTALLATION OF GROUNDING SYSTEMS

- A. Ground rods shall be installed in locations and to the depths as shown on the Contract Drawings. Round rod sections shall be connected using high strength bronze alloy couplings each tack welded to ground rod sections. Ground rods shall be installed by driving, not by drilling or jetting.

- B. All connections below grade shall be made with exothermic welds and insulated with epoxy. All connections above grade shall be made with bolted connectors. All connectors shall be high copper alloy cast body with silicon bronze hardware, manufacturer and type as selected by the Contractor and approved by Engineer.
- C. Connectors and lugs and their bolts, nuts or screws shall be furnished by the Contractor for connection to all equipment. The lugs, connectors and hardware shall be of material suitable for attachment of the copper ground system to the material to which it is being attached, without the possibility of attack by corrosive atmosphere or electrolytic action. Silver plate all bar and lug connections.
- D. Bar to bar and lug to bar, bolted connections shall be made with silicon bronze bolts, nuts and washers. All connections shall be made electrically clean. Silver plate all bar and lug connections.
- E. Use bonding jumpers and/or grounding bushing (set screw type) at all junction boxes, etc., to provide conduit ground continuity.
- F. Permanently connect the ground terminal on each receptacle to the ground conductor or grounding bushing.
- G. All grounding cable runs to equipment steel or tray device shall be securely fastened at intervals not to exceed 24 inches. All hardware for fastening shall be furnished and installed by Contractor.
- H. After the entire grounding system has been installed, including ground rods and ground loop, the ground system shall be tested.
- I. Ground grid and ground rod installations and resistance tests will be witnessed by the City. The Contractor shall inform the City three days in advance before the start of any of the above testing activities.

GROUND ROD RESISTANCE TO EARTH TEST RECORD

- END OF SECTION

SECTION 26 19 50
IDENTIFICATION

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Special Conditions and Division 01 Specification Sections, apply to this section.

1.02 SUMMARY

- A. This Section specifies equipment, wire and conduit identification.
- B. Related work specified elsewhere:

1.	Division 01	General Requirements
2.	Section 26 03 00	Electrical Demolition
3.	Section 26 05 00	Raceways and Boxes.
4.	Section 26 10 00	Basic Electrical Materials and Methods
5.	Section 26 12 30	Wires, Cables, Splices, Terminations.
6.	Section 26 14 10	Wiring Devices
7.	Section 26 19 00	Grounding
8.	Section 26 19 50	Identification
9.	Section 26 47 00	Panel Boards
10.	Section 26 56 19	LED Fixtures and Controls
11.	Section 26 95 00	Electrical Testing

1.03 SUBMITTALS

- A. The Contractor shall submit product data, brochures, cuts, specifications, shop drawings, conduit layouts, installation drawings, diagrams, schedules and samples in accordance with Division 01 Section, Submittals, and supplementary requirements as stated under the sections of these Specifications for all the materials and construction referred to in this section.
- B. See Section 26 01 00, General Provisions Electrical for additional submittal requirements.

PART 2 PRODUCTS

2.01 EQUIPMENT IDENTIFICATION

- A. After finish painting is completed, the Contractor shall provide white with black core laminated phenolic nameplates with 3/8 inch lettering etched through the outer covering. Each nameplate shall be fastened with stainless steel screws to each piece of equipment, in a way that will not void the NEMA rating for the enclosure.
 - 1. All major electrical equipment shall be identified which shall include motor starters, disconnect switches, panelboards, transfer switches, transformers etc.
 - 2. Disconnect switches serving feeders and overcurrent protective devices mounted in a switchboard shall also be identified.
- B. Embossed self-adhering plastic tape labels will not be accepted.

2.02 WIRE IDENTIFICATION

- A. Cable/wire markers shall be installed on both ends of all conductors.
- B. All wire and feeder cables shall be labeled with wire markers in all junction boxes, pull boxes, control panels, motor control centers, panelboards, switchboards, etc.
- C. Wire and cable markers shall be self adhesive, self laminating mechanically printed with a clear protective laminating over wrap or mechanically printed with a clear protective laminating over wrap or mechanically printed heat shrink tubing. Cable and wire markers shall be approved by the Engineer and shall be attached to all cables where entering or leaving the conduit run. The cable designation and circuit use shall appear on the tag.
- D. Acceptable manufacturers shall be Brady, Panduit, 3-M, Thomas and Betts, or approved equal.

PART 3 EXECUTION

3.01 EQUIPMENT IDENTIFICATION

- A. Each nameplate shall include the equipment designation as shown on the Drawings, as approved by the Engineer, and other information as required in the Specifications.
- B. The Contractor shall provide the following identification markings on each individually mounted circuit breaker, disconnect switch, contactor, and motor starter:
 - 1. Feeder name, number, voltage and phase.
 - 2. Item of equipment controlled.
- C. The Contractor shall provide the following identification markings on each motor and other utilization equipment, except lighting fixtures:
 - 1. Equipment tag designation.
 - 2. Feeder number
 - 3. Voltage and phase.
- D. The Contractor shall provide the following identification markings on each transformer:
 - 1. Equipment tag designation.
 - 2. Feeder number
 - 3. Voltage and phase.
 - 4. Name of lighting and/or power panels supplied by the secondary of the transformer.
- E. The Contractor shall provide a typewritten directory of circuits in lighting and power panels and provide panel identification in black alkyd paint stenciled inscriptions on the inside of the door, directly above the centerline of directory frame, or on vertical and horizontal centerline of doors without directory frames.
- F. The Contractor shall provide on device plates for local toggle switches, toggle switch type manual starters, pilot lights, and other electrical items whose function is not readily apparent, engraved suitable inscriptions on laminated phenolic nameplates describing the equipment controlled or indicated.

- G. Each nameplate shall be fastened with a minimum of two self tapping stainless steel screws. This shall not change the NEMA rating of the enclosure.
- H. The Contractor shall provide the following alkyd paint stenciled inscription markings on the outside face and on the inside face of each feeder splice box, feeder junction box, and feeder pull box cover plate:
 - 1. Designation shown on the Drawings.
 - 2. Feeder name.
 - 3. Feeder number.
 - 4. Voltage and phase.

3.02 CONDUIT, WIRE, CABLE AND BUS IDENTIFICATION

- A. Each wire and each cable shall be labeled at terminals and at all accessible points in equipment, panelboards, manholes, handholes, and pull boxes. Labels shall be self-sticking wire markers.
- B. Each cable run shall be assigned a circuit number and shall be recorded on a cable schedule showing from, to, purpose, number of conductors and length.
- C. Cable/wire wire markers shall be the wrap-around self-adhesive type, with factory or mechanical printed numbers, letters and symbols which shall be used to identify all feeders, mains and branch circuit conductors.
- D. All conductors shall be tagged in cabinets at the time wires are pulled in and tested and markers shall not be removed for any reason.
- E. Phase identification letters, in readily visible locations, shall be stamped into the main bus bars of switchboards and panelboards.

3.03 ROOM IDENTIFICATION

- A. NOT USED

END OF SECTION

SECTION 265619 – LED LIGHTING AND CONTROLS

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 GENERAL REQUIREMENTS

- A. All LED Light Fixtures and Controls devices shall be provided by the Owner.**
- B. Install all led lighting fixtures as shown complete with all accessories, completely wired, controlled, and securely attached to supports.

1.3 Related Requirements:

1.	Division 01	General Requirements
2.	Section 26 03 00	Electrical Demolition
3.	Section 26 05 00	Raceways and Boxes.
4.	Section 26 10 00	Basic Electrical Materials and Methods
5.	Section 26 12 30	Wires, Cables, Splices, Terminations.
6.	Section 26 14 10	Wiring Devices
7.	Section 26 19 00	Grounding
8.	Section 26 19 50	Identification
9.	Section 26 47 00	Panel Boards
10.	Section 26 56 19	LED Fixtures and Controls
11.	Section 26 95 00	Electrical Testing

1.4 SUMMARY

- A. This specification shall consist of installing dynamic lighting of the type specified at locations as shown on the plans or as indicated by the Lighting Designer in conformity with these specifications. Work shall include both labor and material necessary for integration of the fixtures, power distribution wiring, control wiring and control equipment to produce programed static lighting scenes and time-based sequences.
- B. The Contractor shall install all necessary components, including aDMX lighting control system with remote internet capability to provide a complete control system to function as described in the plans and these specifications.
- C. Electrical Installer shall hold a pre-installation meeting with Lighting Designer.

1.5 DEFINITIONS

- A. CCT: Correlated color temperature.
- B. CRI: Color rendering index.
- C. Fixture: See "Fixture."
- D. IP: International Protection or Ingress Protection Rating.
- E. Lumen: Measured output of lamp and fixture, or both.
- F. LED: Light-emitting diode
- G. Fixture: Complete lighting unit, including lamp, reflector, and housing.

1.6 ACTION SUBMITTALS

- A. The following submittals shall be required from the Contractor only for equipments furnished and supplied by the Contractor including but not limited to:
 - 1. Standard mounting hardware and equipment
 - 2. Custom mounting hardware and equipment
- B. Product Data: For each type of product
 - 1. Arrange in order of fixture designation.
 - 2. Include data on features, accessories, and finishes.
 - 3. Include physical description and dimensions of fixture.
- C. Shop Drawings: For each type of product
 - 1. Include plans, elevations, sections, and mounting and attachment details.
 - 2. Include details of fixture assemblies. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
 - 3. Include diagrams for power, signal, and control wiring.

1.7 OPERATION AND MAINTENANCE MANUAL

- A. The Contractor shall provide three (3) paper copies and one digital copy of the O & M Manual. The O & M Manual shall contain the following:
 - 1. As-Built Drawings
 - 2. Construction Specifications
 - 3. Approved Shop Drawings
 - 4. Warrantees for all equipment
 - 5. Name, address and phone number of all suppliers
 - 6. Maintenance schedule
 - 7. Master keys and manufacturer's key code

1.8 QUALITY ASSURANCE

- A. Installer Qualifications: An authorized representative who is familiar with DMX wiring methods and testing
- B. Labels: All standard system line voltage components shall be UL / ETL listed and so labeled when delivered to the job site.
- C. Mockups: For exterior fixtures, complete with power and control connections.
 - 1. Obtain Owner's approval of fixtures in mockups before starting installations.
 - 2. Mockup to be conducted over a period of one (1) week and shall be energized upon request for after-dark viewing.
 - 3. Mockup may utilize temporary installation methods for installation which deviate from the construction documents, including cord/plug wiring, temporary controller, or clamps.
 - 4. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Owner specifically approves such deviations in writing.

1.9 DELIVERY, STORAGE, AND HANDLING

- A. Protect finishes of exposed surfaces

1.10 FIELD CONDITIONS

- A. Examination and Preparation: The Contractor shall examine all substrates, structural members, existing underground and above-grade utilities, and roughing-in for electrical conduit to verify actual locations of connections before fixture installation. Installation must only proceed after any unsatisfactory conditions have been corrected. The Contractor is responsible for locating and intercepting existing branch circuit wiring and verifying the panels and breakers to which lights will be connected.
- B. Verify existing and proposed utility structures prior to the start of work associated with fixture installation.
- C. Mark locations of exterior fixtures for approval by Owner prior to the start of fixture installation.

1.11 SYSTEM COMMISSIONING

- A. Lighting Designer's Inspection and commissioning: Following the Contractor's completion and testing of system, the Contractor shall request an Lighting Designer's inspection. The Lighting Designer will prepare a punch list of any potential unfilled, substandard, or incomplete items. The Contractor shall provide personnel (who will work in conjunction with Lighting Designer) to demonstrate the complete operation of the system.

- B. Fixture Aiming/Focusing: After punch list is closed, contractor shall coordinate at least ONE (1) evening commencing at dusk to adjust and lock the aiming of each fixture under the supervision of the Lighting Designer. The Contractor shall provide personnel to access and adjust the fixtures as needed.

1.12 SPARE PARTS

- A. The Contractor shall provide spare parts for each major component of the system for future use. The number of spare parts shall be 5 percent of the total installed quantity.

1.13 WARRANTY

- A. Warranty: Manufacturer and Installer agree to repair or replace components of fixtures that fail in materials or workmanship within specified warranty period.

- 1. Failures include, but are not limited to, the following:

- a. Structural failures, including fixture support components.
 - b. Faulty operation of fixtures and accessories.
 - c. Faulty operation of lighting control devices.
 - d. Deterioration of metals, metal finishes, and other materials beyond normal weathering.

- 2. Warranty Period

- a. Workmanship: 1 year(s) from date of Substantial Completion.
 - b. Fixtures and Control Devices: 5 year(s) from date of shipment

PART 2 - PRODUCTS

2.1 FIXTURES BY TYPE

- A. All fixtures to be provided by owner.

2.2 CONTROL DEVICES BY TYPE

- A. All control devices to be provided by owner.

2.3 FIXTURE SUPPORT COMPONENTS

PART 3 - EXECUTION

3.1 GENERAL INSTALLATION REQUIREMENTS

- A. Comply with NECA 1.
- B. Use fastening methods and materials selected to resist seismic forces defined for the application and approved by manufacturer.
- C. Fasten fixture to structural support.
- D. Supports:
 - 1. Sized and rated for fixture weight.
 - 2. Able to maintain fixture position after cleaning and relamping.
 - 3. Support fixtures without causing deflection of finished surface.
 - 4. Fixture-mounting devices shall be capable of supporting a horizontal force of 100 percent of fixture weight and a vertical force of 400 percent of fixture weight.
- E. Wiring Method: Install cables in raceways. C
- F. Coordinate layout and installation of fixtures with other construction.
- G. Adjust fixtures that require field adjustment or aiming with oversight and approval from design team in the field per "final focus/commissioning" plan implementation.
- H. Comply with requirements in Section 260519 "Low-Voltage Electrical Power Conductors and Cables" and Section 260533 "Raceways and Boxes for Electrical Systems" for wiring connections and wiring methods.

3.2 CORROSION PREVENTION

- A. Aluminum: Do not use in contact with earth or concrete. When in direct contact with a dissimilar metal, protect aluminum by insulating fittings or treatment.
- B. Steel Conduits: Comply with Section 260533 "Raceways and Boxes for Electrical Systems."

3.3 IDENTIFICATION

- A. Identify system components, wiring, cabling, and terminals. Comply with requirements for identification specified in Section 260553 "Identification for Electrical Systems."

3.4 FIELD QUALITY CONTROL

- A. Inspect each installed fixture for damage. Replace damaged fixtures and components.
- B. Perform the following tests and inspections with the assistance of a factory-authorized service representative:
 - 1. Operational Test: After installing fixtures, switches, and accessories, and after electrical circuitry has been energized, test units to confirm proper operation.
- C. Fixture will be considered defective if it does not pass tests and inspections.
- D. Prepare a written report of tests, inspections, observations, and verifications indicating and interpreting results. If adjustments are made to lighting system, retest to demonstrate compliance with standards.

END OF SECTION 265619

SECTION 26 95 00
ELECTRICAL TESTING

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Special Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. This section of Specification covers the tests and checks that shall be made on all electrical equipment and wiring to ensure compliance with the applicable codes and standards and with the Drawings and Specifications.
- B. Related work specified elsewhere:

1.	Division 01	General Requirements
2.	Section 26 03 00	Electrical Demolition
3.	Section 26 05 00	Raceways and Boxes.
4.	Section 26 10 00	Basic Electrical Materials and Methods
5.	Section 26 12 30	Wires, Cables, Splices, Terminations.
6.	Section 26 14 10	Wiring Devices
7.	Section 26 19 00	Grounding
8.	Section 26 19 50	Identification
9.	Section 26 47 00	Panel Boards
10.	Section 26 56 19	LED Fixtures and Controls
11.	Section 26 95 00	Electrical Testing

1.03 SUBMITTALS

- A. At a minimum, the following shall be submitted for review:
 - 1. Field test procedure.
 - 2. Test equipment specifications.
 - 3. Field test results.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION

3.01 TEST REPORTS

- A. The Contractor shall submit certified copies of test reports for all the tests conducted in field for City's approval. Test reports shall be submitted to the City within seven days after completion of tests. Test reports shall contain the characteristic curves, etc. where required for interpretation of results.

3.02 CONDITIONS FOR TESTS

- A. General Conditions

Prior to testing of any equipment specified in this Section, all of the following conditions shall be fulfilled by the Contractor:

1. All shop drawings of the equipment to be tested have been approved by the City.
2. The Contractor shall submit a step by step test procedure including pass-fail criteria to the City two weeks in advance of the commencement of the test. The City reserves the right to add, delete and make necessary changes in the test procedure. The Contractor shall arrange to conduct all tests per the City's approved procedure.
3. Testing shall not commence without an approved test procedure.

B. Witnessing Tests

1. The City's personnel and/or their authorized agents will witness testing of all equipment unless a waiver is granted, in which case test reports of equipment for which waiver was granted, shall be submitted for review. Waiver of witnessing tests on equipment shall not be construed as a waiver for all remaining equipment either of the same type or different type. Contractor shall provide the City a minimum of one (1) week notice prior to commencing the test, so the City can schedule personnel for witnessing the tests.

C. Responsibility

1. The Contractor shall assume full responsibility during the field testing of all equipment and installation provided by him. Should there be any loss or damage to such equipment, materials or the building as result of these tests, the Contractor shall be fully responsible for replacing the damaged equipment and repairing the building. Replacement of damaged equipment shall include all costs, including but not limited to, transportation of, testing and installation of replacement equipment.

D. Rejection and Retesting

1. Failure of equipment to successfully pass the tests or to meet ratings shall be sufficient grounds for rejection of equipment.
2. Any equipment rejected shall be retested in presence of the City after rectification. If the modifications or changes are such as to affect any of the drawings, diagrams or any other documents submitted and accepted by the City, revised drawings or diagrams shall be submitted, showing proposed changes and City's approval obtained before changes or modifications are made on the equipment. Modifications or changes which do not warrant revision of any drawing shall be furnished to the City along with notice of retesting.
3. If it is not possible to rectify rejected equipment, new equipment shall be manufactured and the requirements of the drawings and design calculations of the original unit shall be applicable for the new unit.

E. Cost of Rectification or New Unit

1. The entire cost of rectification or new unit shall be borne by the Contractor including retesting and cost of witnessing retesting.

3.03 TESTING

- A. The following tests are required but shall not be limited to this list. Tests will be supervised and witnessed by the City.
 - 1. Proper phase rotation
 - 2. Short circuits
 - 3. Improper grounds
 - 4. Power and control electrical circuits for circuit continuity and function test
 - 5. Megger insulation test
 - 6. Hypot
- B. Equipment / systems tested shall include, but not limited to:
 - 1. Lighting system and controls
- C. The Contractor shall furnish all meters, instruments, cable connections, equipment or apparatus necessary for making all tests.
- D. The Contractor shall check and test all transformers, power panels, feeders, power and control cables, connections and motors to assure correct phase sequence and rotation. Phase sequence shall be A-B-C as follows:
 - 1. Top to bottom, left to right and front to rear when facing protective or disconnecting mechanism.
 - 2. Phasing shall be accomplished by using distinctive colors for various phases, as indicated in Section 26 12 30 Wires, Cables, Splices, Terminations.
- E. After wires and cables are in place and connected to devices and equipment, the system shall be tested for short circuits, improper grounds, and other faults. If fault condition is present, the trouble shall be rectified and the wiring system shall be retested.
- F. Phase conductors, if shorted, grounded or at fault shall be removed, shall be replaced and the wiring system shall be retested.
- G. A voltage test shall be made at each lighting panel, distribution panel and at the last outlet on each circuit. If drop in potential exceeds one percent, the Contractor shall correct the condition by locating the ground or high resistance splice or connection and retest.
- H. Any wiring device, electrical apparatus, or lighting fixture grounded or shorted on any integral "live" part, shall be removed and the trouble rectified by replacing the defective parts or materials.
- I. Upon completion of the electrical work, the Contractor shall place the entire installation in operation, test for proper function, and show systems and equipment to be free of defects. Motors and driven equipment shall not be run until properly lubricated. Pumps shall not be run until water or process fluid supply is connected and turned on. The Contractor shall test and record motor maximum load amperage and terminal voltage when uncoupled and coupled for each motor.
- J. The City will conduct from time to time such tests as may be required to any part of the equipment to determine if it is installed in accordance with specifications. The Contractor shall extend to the City all facilities to this end and shall furnish skilled or unskilled help required.
- K. The Contractor shall provide assistance to the various equipment manufacturers' field engineers as required in the testing and adjusting of the electrical power and control

equipment. Cooperation of the Contractor shall be such that a minimum of time is required for equipment testing.

- L. A log shall be maintained for all tests. This log shall be certified before completion of the job, both as to test value and date of test. All major equipment such as switchgear, and motors shall be energized initially in the presence of the City.

3.03 WIRE AND CABLE TESTING

- A. All wires and cables No.6 AWG and larger shall be tested using megger after installation but before final connections are made. All 12 KV cables shall be either hypot tested at 38 KVDC for one minute, or VLF AC hypot tested at 20 KV for 30 minutes.
- B. All tests shall be recorded on the form:

SINGLE & MULTIPLE CONDUCTOR POWER CABLE MEGGER TEST

WIRING - FEEDER CIRCUITS

Testing shall be performed before connecting the cable to the terminals at either end. Each conductor shall be checked with a megger to ground, with all other conductors in the cable and shield, grounded. The minimum acceptable megger resistance for each conductor to ground shall be as per the NETA (National Electrical Testing Association) Table 100.1 for each conductor to ground.

Date _____
 Project name _____
 feeder number _____
 location _____
 From _____ to _____
 Cable size _____ cable length _____
 Number of conductors _____ insulation type _____
 Manufacturer _____
 line voltage _____
 Temperature _____
 humidity _____
 Megger type _____ serial number _____
 Test voltage _____ multiplier _____
 Remarks _____

If Applicable, All Shields Shall Be Properly Grounded prior to Testing.

Cable No.	MEGOHMS Phase A	MEGOHMS Phase B	MEGOHMS Phase C

TEST

PERFORMED BY: _____
Signature Date

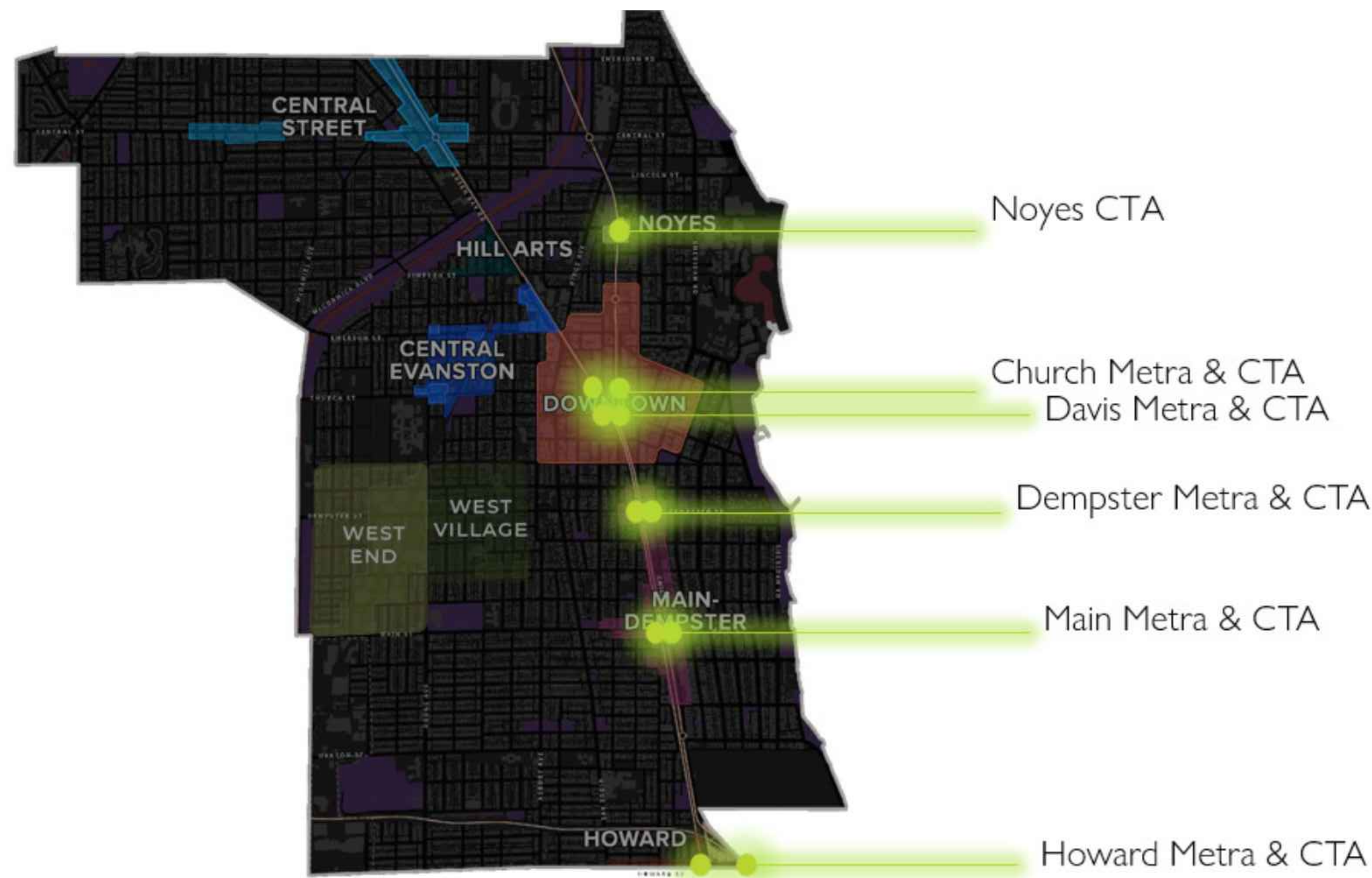
TEST WITNESSED BY: _____
Signature Date

NETA TABLE 100.1
Insulation Resistance Test Values Electrical Apparatus and Systems

Nominal Rating of Equipment in Volts	Minimum Test Voltage, DC	Recommended Minimum Insulation Resistance in Megohms
250	500	25
600	1,000	100
1,000	1,000	100
2,500	1,000	500
5,000	2,500	1,000
8,000	2,500	2,000
15,000	2,500	5,000

END OF SECTION

LOCATION MAP



INDEX OF DRAWINGS

L-000	Title Page
L-100	Fixture Schedule and Details
L-101	Howard Metra Lighting Plan
L-102	Main Metra Lighting Plan
L-103	Dempster Metra Lighting Plan
L-104	Davis Metra Lighting Plan
L-105	Church Metra Lighting Plan
L-106	Main CTA Lighting Plan
L-107	Dempster CTA Lighting Plan
L-108	Davis CTA Lighting Plan
L-109	Church CTA Lighting Plan
L-201	Typical Lighting Control

LIGHTING AND LIGHTING CONTROLS

- 1.1. ALL FIXTURES SHALL BE IP66 WET LOCATION LISTED.
1.2. EXACT LOCATIONS AND MOUNTING HEIGHTS OF LIGHT FIXTURES SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND FIELD CONDITIONS.

- 1.4. ALL LIGHT FIXTURES SHALL BE CONTROLLED VIA LIGHTING CONTROLLER TIMECLOCK LOCATED AT THE LIGHTING CONTRO CABINET
1.5. FIXTURE LOCATIONS ARE INDICATED FOR QUANTITIES ONLY. ALL FIXTURES SHALL BE ADJUSTED (I.E. CEILING MOUNTED VS. WALL MOUNTED, ROTATED, ETC.) DUE TO FIELD CONDITIONS AND COORDINATION BASED ON EQUIPMENT LAYOUT.

GENERAL REQUIREMENTS.

1. THE LIGHTING SYSTEM VENDOR SHALL PROVIDE ALL LIGHT FIXTURES, MANUFACTURER-PROVIDED FIXTURE ACCESSORIES, AND LIGHTING CONTROL CABINETS AND COMPONENTS.
THE CONTRACTOR SHALL PROVIDE ALL OTHER LABOR AND MATERIAL NECESSARY FOR A COMPLETE AND FUNCTIONING ELECTRICAL SYSTEM.
2. MATERIALS AND INSTALLATION SHALL COMPLY WITH CODES, LAWS AND ORDINANCES OF FEDERAL, STATE AND LOCAL GOVERNING BODIES HAVING JURISDICTION.
3. MATERIALS AND EQUIPMENT SHALL BE LISTED AND/OR LABELED BY U.L., ETL, CSA OR ANOTHER RECOGNIZED TESTING LAB.
4. THE CONTRACTOR SHALL SECURE ALL GOVERNMENTAL FEES AND LICENSES NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE ELECTRICAL WORK. THE CITY WILL WAIVE PERMIT FEES, BUT THE CONTRACTOR MUST STILL PAY CONTRACTOR REGISTRATION FEEES AS APPLICABLE.
5. THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS TO GOVERNMENTAL AGENCIES AND UTILITY COMPANIES FOR THEIR APPROVAL WHEN IT IS REQUIRED TO SECURE PERMIT.
6. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY MATERIALS OR APPARATUS BELIEVED TO INADEQUATE, UNSUITABLE, VIOLATION OF LAWS, ORDINANCES, RULES OR REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
7. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE CONTRACT DOCUMENTS, VISIT THE SITE, AND THOROUGHLY BECOME FAMILIAR WITH THE BUILDING STANDARDS AND LOCAL CONDITIONS RELATING TO THE WORK. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF THE OBLIGATIONS OF THE CONTRACT.
8. ALL MATERIALS, AND EQUIPMENT SHALL BE ERECTED, INSTALLED, CONNECTED, CLEANED ADJUSTED, TESTED, CONDITIONED, AND PLACED IN SERVICE IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS.
9. ALL CUTTING, DRILLING AND PATCHING OF MASONRY STEEL OR IRON WORK BELONGING TO THE BUILDING MUST BE DONE BY THIS CONTRACTOR IN ORDER THAT THEIR WORK MAY BE PROPERLY INSTALLED, BUT UNDER NO CONDITIONS MAY STRUCTURAL WORK BE CUT, EXCEPT AT THE DIRECTIONS OF THE ARCHITECT/ENGINEER OR THEIR REPRESENTATIVE.
10. PROVIDE "AS-BUILT" DRAWINGS AND SUBMIT FOR APPROVAL TO THE ARCHITECT/ENGINEER.
11. EXCEPT AS NOTED OTHERWISE, ALL WORK REQUIRED FOR THE INSTALLATION, INCLUDING LABOR, EQUIPMENT AND MATERIALS SHALL BE IN STRICT COMPLIANCE WITH THE BUILDING STANDARDS.
12. PROVIDE COMPLETE METAL RACEWAY SYSTEMS AND ENCLOSURES FOR ALL LIGHTING/ POWER/SIGNAL WIRING THROUGHOUT THE EXTENT OF THE REQUIRED SYSTEMS.
13. MINIMUM CONDUIT SIZE SHALL BE 3/4" C. ALL WIRES AND CABLES SHALL BE INSTALLED IN CONDUIT SYSTEM. ALL CONDUITS SHALL BE GRC (GALVANIZED RIGID STEEL CONDUIT)
14. NUMBERED CIRCUITS ARE CREATED FOR THE CONVENIENCE OF DESIGN ONLY. DESIGN INTENT MUST BE FOLLOWED THROUGHOUT, INDICATE THE CIRCUIT NUMBERS USED ON THE "AS-BUILT" DRAWINGS.
15. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY WIRING, RACEWAY, BOXES, AND RECEPTACLES FOR A COMPLETE ELECTRICAL INSTALLATION. PROVIDE CIRCUITS AS REQUIRED VIA JUNCTION BOXES WITH FLEXIBLE CONDUIT CONNECTIONS. COORDINATE ALL JUNCTION BOX LOCATIONS WITH ARCHITECT, FURNITURE LAYOUT, AND STRUCTURAL BEAMS PRIOR TO WORK.
16. PROVIDE #12 AWG WIRING FOR ALL 20A GENERAL PURPOSE CIRCUITS LESS THAN 100 FEET AND #10 AWG WIRING FOR ALL 20A GENERAL PURPOSE CIRCUITS LONGER THAN 100 FEET. THHN FOR ABOVE GROUND INSTALLATION AND XHHN FOR UNDERGROUND INSTALLATION.
17. MINIMUM WIRE SIZE IS #12 UNLESS NOTEED OTHERWISE.

GENERAL NOTES:

SHEET NOTES:

NOT FOR CONSTRUCTION

PROJECT:

LUMINOUS CROSSINGS - EVANSTON

DRAWING TITLE:

LIGHTING COVER SHEET

DRAWN BY:

KW

CHECKED BY:

CB

SCALE:

N/A

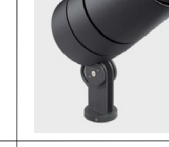
DATE:

05.17.2026

SHEET NUMBER:

L-000



Fixture Tag	Fixture Image	Input Watts (W)	Light Source	Color Temp (K)	CRI	IP, IK	LED Driver	Volts (V)	Description	Manufacturer / Product Code	Location	Remarks
L1		46 W	LED	RGBA	80+	IP66, IK08	DMX	UNV	RGBA Gobo projector - 45deg lighting underdeck	Ewo Chameleon GOBO C210IGOBO-60-RGBA-NI-3FT-RAL9005-WB-DMX-ECF-MOD3G-MODTP	Church, Davis, Dempster, Main Metra Underdeck	mounting detail per drawing, Mod: 3G Vibration Rating, Tamper-proof hardware Accessories: Custom Glass Gobo
L1a		46 W	LED	RGBA	80+	IP66, IK08	DMX	UNV	RGBA Gobo projector - 30deg lighting underdeck above narrow sidewalks	Ewo Chameleon GOBO C210IGOBO-45-RGBA-NI-10FT-RAL9005-WB-DMX-ECF-MOD3G-MODTP	Church, Dempster, Main CTA Underdeck	mounting detail per drawing, Mod: 3G Vibration Rating, Tamper-proof hardware Accessories: Custom Glass Gobo
L2		20 W1FT	LED	RGBAM	80+	IP67, IK07	DMX	240	Linear RGBA graze lighting underdeck, 60 x 10deg, medium output	insight lighting AP-MO-RGBAM-60-10-48-240-DMXFT-TBL-IHL-CRF, SA28104-TBL	Church, Davis, Main Metra Underdeck	mounting detail per drawing
L2a		20 W1FT	LED	RGBAM	80+	IP67, IK07	DMX	240	Linear RGBA graze lighting underdeck, 10 x 10deg, very high output	insight lighting AP-VO-RGBAM-1010-48-240-DMXFT-TBL-IHL-CRF, SA28104-TBL	Church, Dempster, Main, Noyes CTA Underdeck	mounting detail per drawing
L3		10 W1FT	LED	RGBAM	80+	IP67, IK07	DMX	240	Linear RGBAM graze lighting wall, 10 x 30deg, medium output	insight lighting AP-MO-RGBAM-1030-48-240-DMXFT-TBL-IHL-CRF, SA28107-6-TBL	All Metra walls	mounting detail per drawing
L4		5 W1FT	LED	RGBAM	80+	IP67, IK07	DMX	240	Linear RGBAM graze lighting wall, 10 x 10deg, low output	insight lighting AP-LO-RGBAM-1010-48-240-DMXFT-TBL-CRF, SA28104-TBL	CTA Fascia, Metra Trasey	mounting detail per drawing
L4a		10 W1FT	LED	RGBAM	80+	IP67, IK07	DMX	240	Linear RGBAM graze lighting wall, 10 x 10deg, medium output	insight lighting AP-MO-RGBAM-1010-24-240-DMXFT-TBL-IHL-CRF, SA28104-TBL	METRA Fascia	mounting detail per drawing
L6		20 W	LED	RGBA	80+	IP67, IK10	DMX	UNV	RGBA Surface-mount spot fixture	Ewo C125I-EGM01-600MA-RGBA-NE-ND-HL-15FT-RAL9005-DMX-ECF-MOD3G	Church, Davis, Dempster, Main Metra, Davis CTA	mounting detail per drawing, Mod: 3G Vibration Rating, Shortened mounting plate

LIGHT FIXTURE LEGEND

L1 BRACKET MOUNTED GOBO PROJECTOR

L1a BRACKET MOUNTED GOBO PROJECTOR

L2 4FT LINEAR GRAZER

L2a 4FT LINEAR GRAZER

L3 4FT LINEAR GRAZER

L4 4FT LINEAR GRAZER

L4a 2FT LINEAR GRAZER

L6 SURFACE MOUNTED UPLIGHT

GENERAL NOTES:

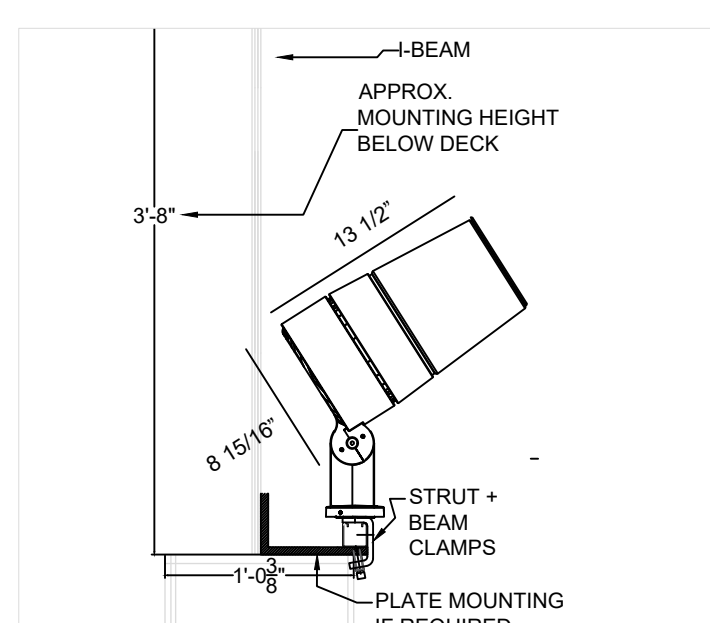
1. REFER TO DRAWING NUMBER L000 FOR GENERAL NOTES AND SCOPE
2. GENERAL LOCATION OF LIGHTS SHOWN FOR REFERENCE
3. FOR INTEGRATION INTO ENGINEERS DRAWING SET
4. FINAL MOUNTING TO BE DETERMINED ON SITE DUE TO EXISTING CONDITIONS
5. CONDUITS, JB'S AND STRUT CHANNELS TO BE PAINTED TO MATCH BRIDGE FINISH

SHEET NOTES:

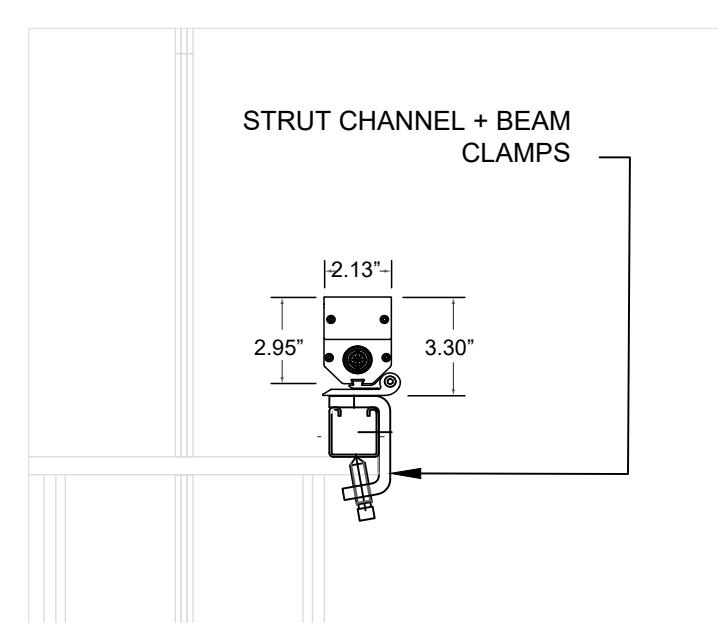
NOT FOR CONSTRUCTION

PROJECT:

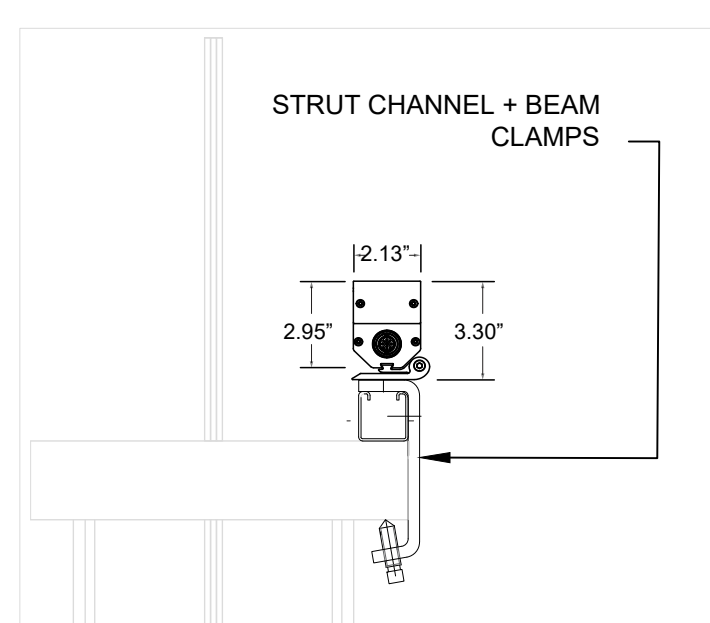
LUMINOUS CROSSINGS - EVANSTON



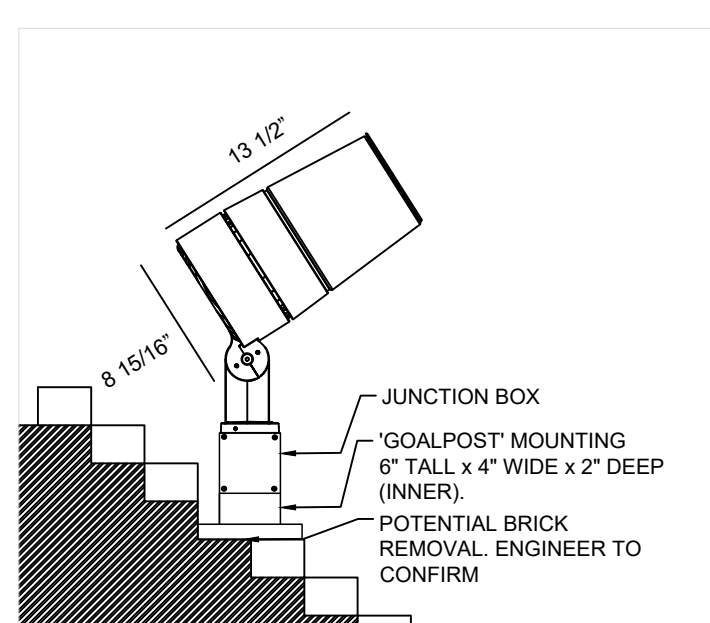
1	L1 MOUNTING @ METRA
L100	1 1/2" = 1'-0"



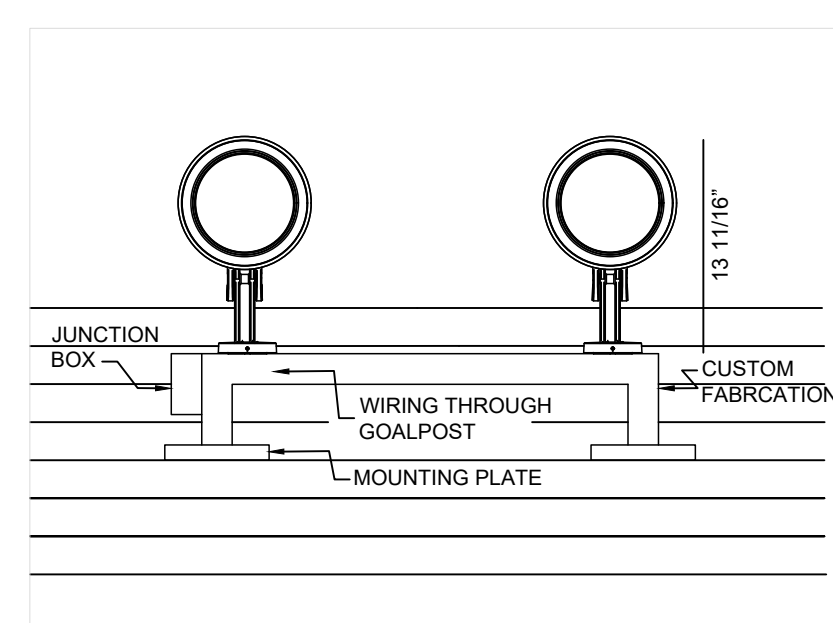
2	L2 MOUNTING @ METRA
L100	1 1/2" = 1'-0"



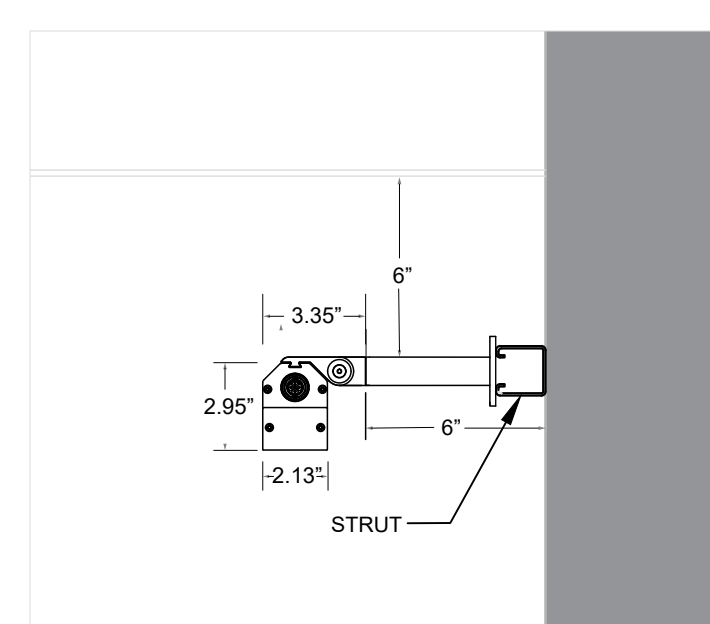
3	L2 MOUNTING @ CTA
L100	1 1/2" = 1'-0"



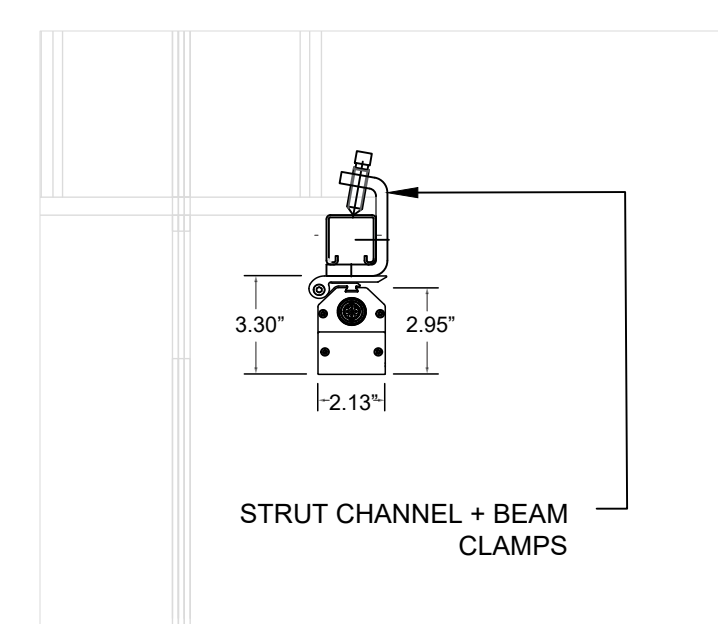
4	L1 MOUNTING @ CTA
L100	1 1/2" = 1'-0"



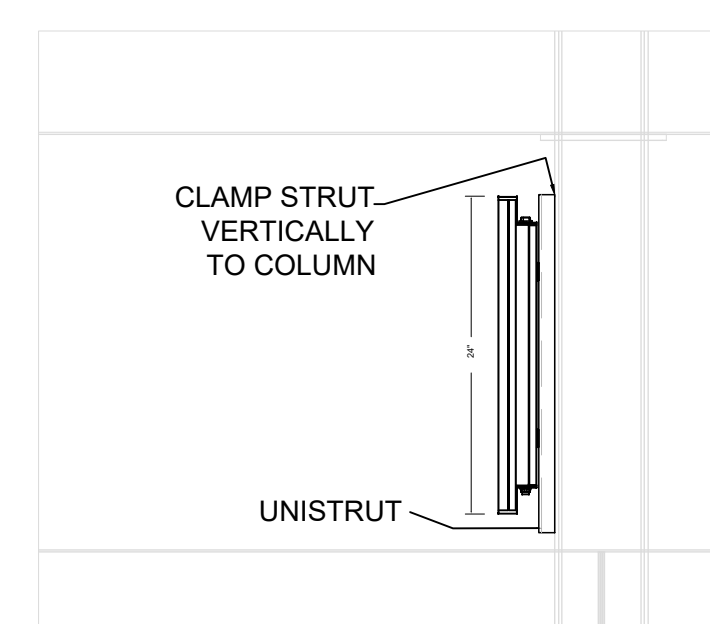
5	L1 MOUNTING @ CTA
L100	1 1/2" = 1'-0"



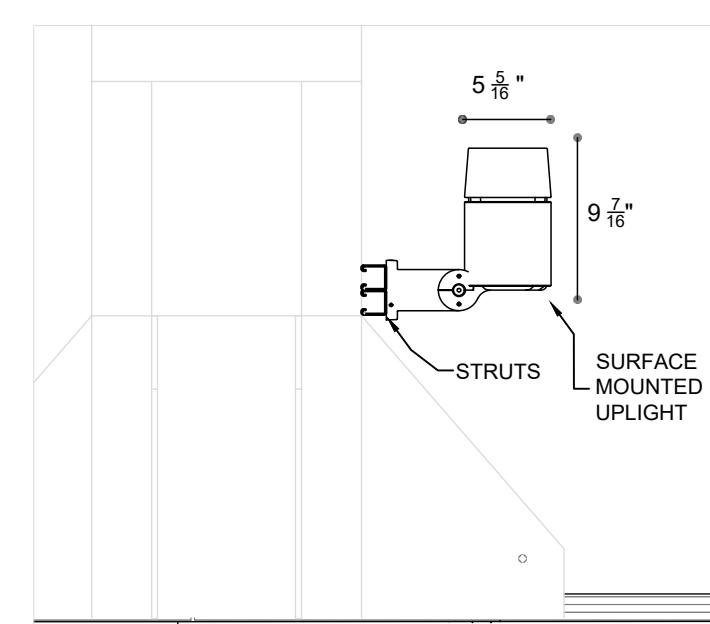
6	L3 MOUNTING
L100	1 1/2" = 1'-0"



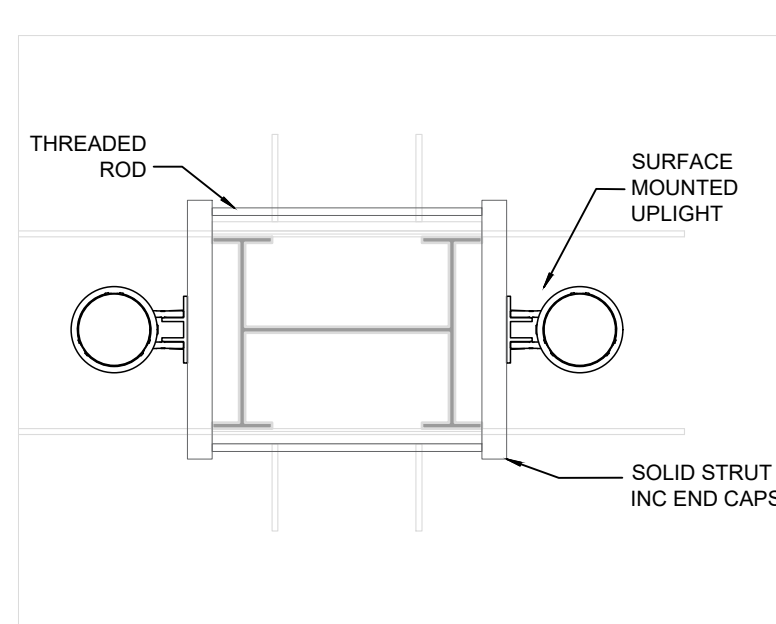
7	L4 MOUNTING @ METRA TRACERY
L100	1 1/2" = 1'-0"



8	L4A MOUNTING @ METRA FASCIA
L100	1/2" = 1'-0"



9	L6 MOUNTING
L100	3/4" = 1'-0"



10	L6 MOUNTING
L100	3/4" = 1'-0"

DRAWING TITLE:

LIGHTING FIXTURE SCHEDULE, NOTES AND DETAILS

DRAWN BY:

KW

CHECKED BY:

CB

SCALE:

N/A

DATE:

05.17.2026

SHEET NUMBER:

L-100

GENERAL NOTES:

1. REFER TO DRAWING NUMBER L000 FOR GENERAL NOTES AND SCOPE
2. GENERAL LOCATION OF LIGHTS SHOWN FOR REFERENCE
3. FOR INTEGRATION INTO ENGINEERS DRAWING SET
4. FINAL MOUNTING TO BE DETERMINED ON SITE DUE TO EXISTING CONDITIONS

SHEET NOTES:

NOT FOR CONSTRUCTION

PROJECT:

LUMINOUS CROSSINGS - EVANSTON

02	05.15.26	90% CD
01	12.22.25	75% CD
REV.	DATE	ISSUE

DRAWING TITLE:

HOWARD METRA LIGHTING LAYOUT

DRAWN BY:

KW

CHECKED BY:

CB

SCALE:

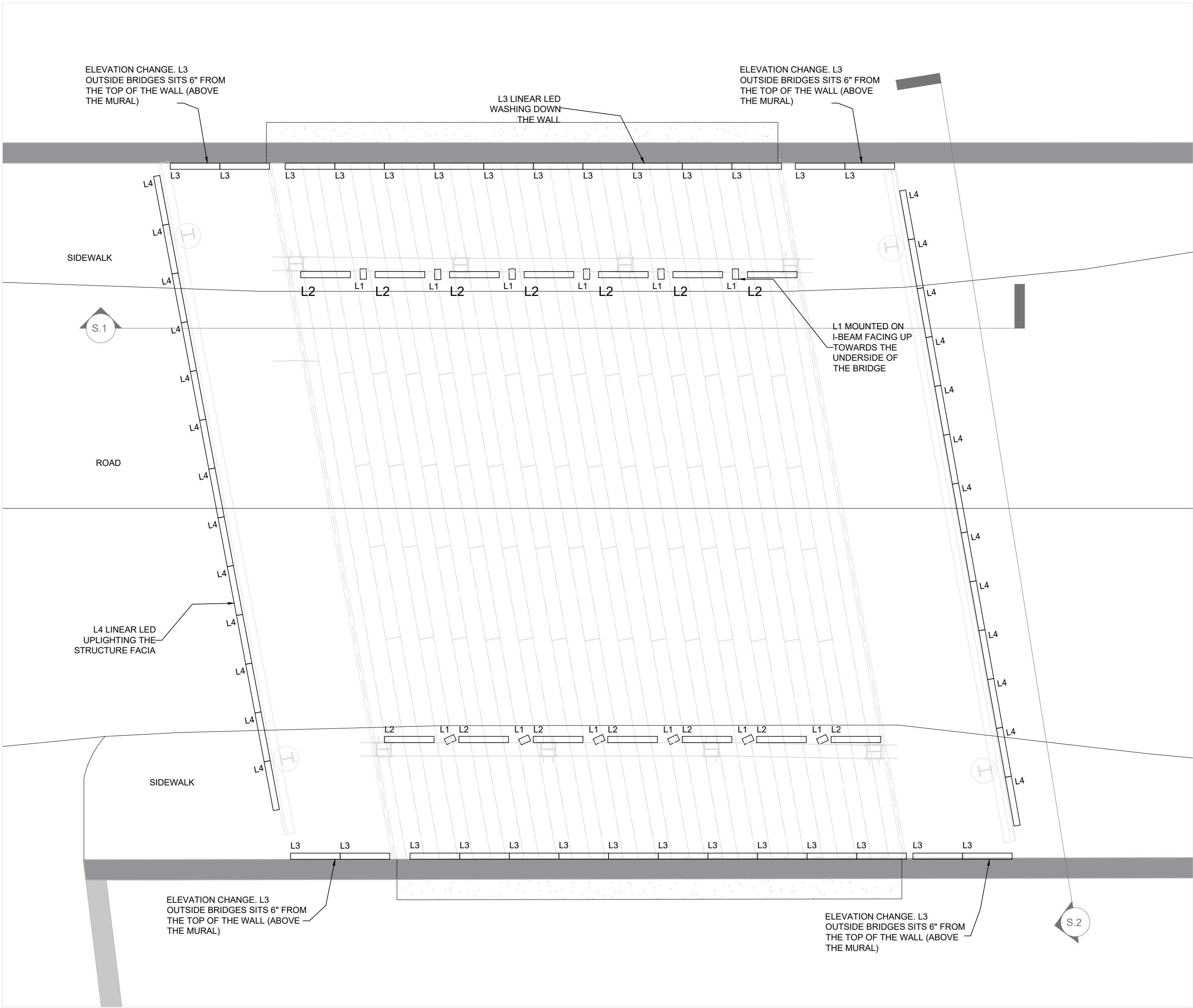
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DATE:

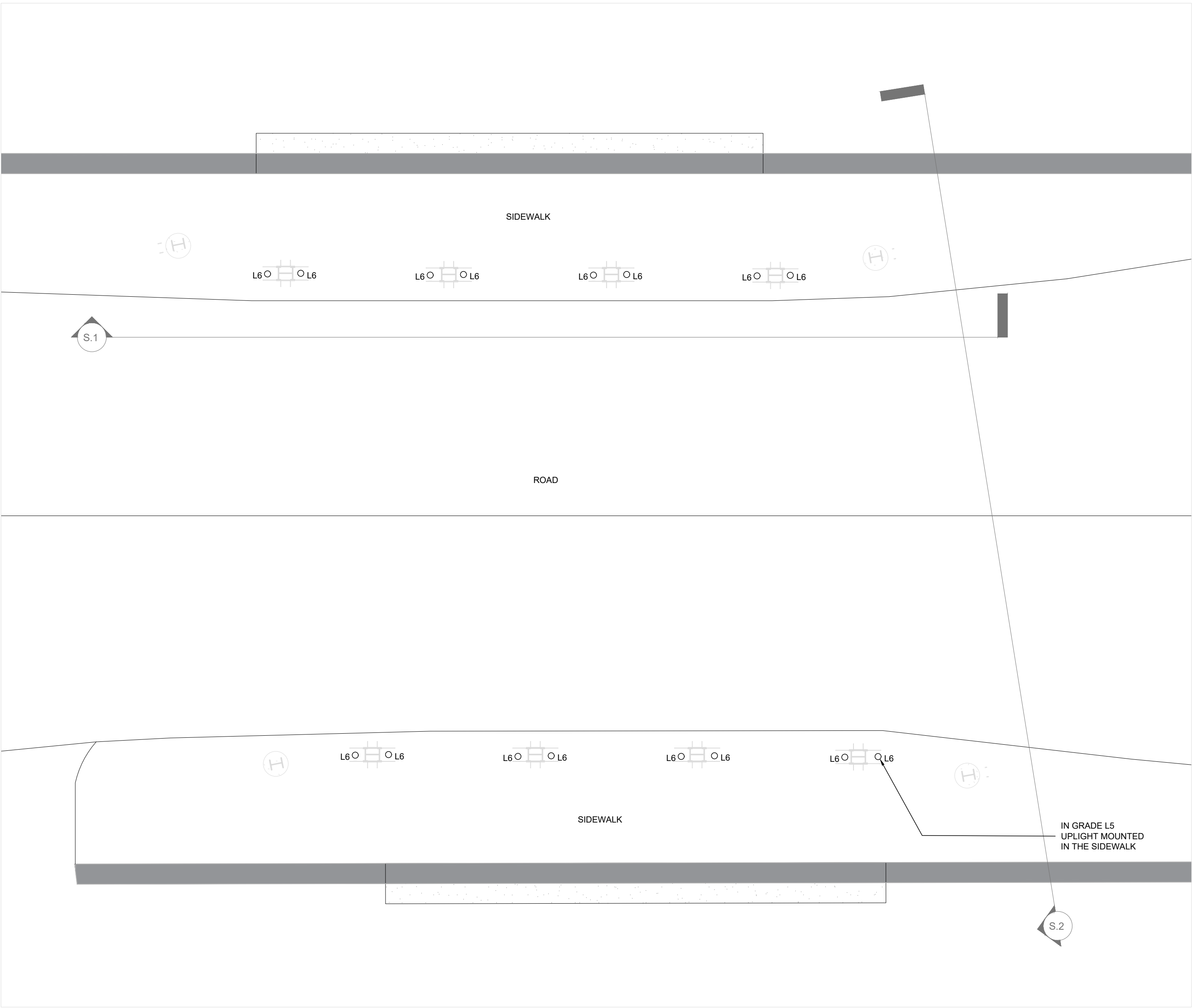
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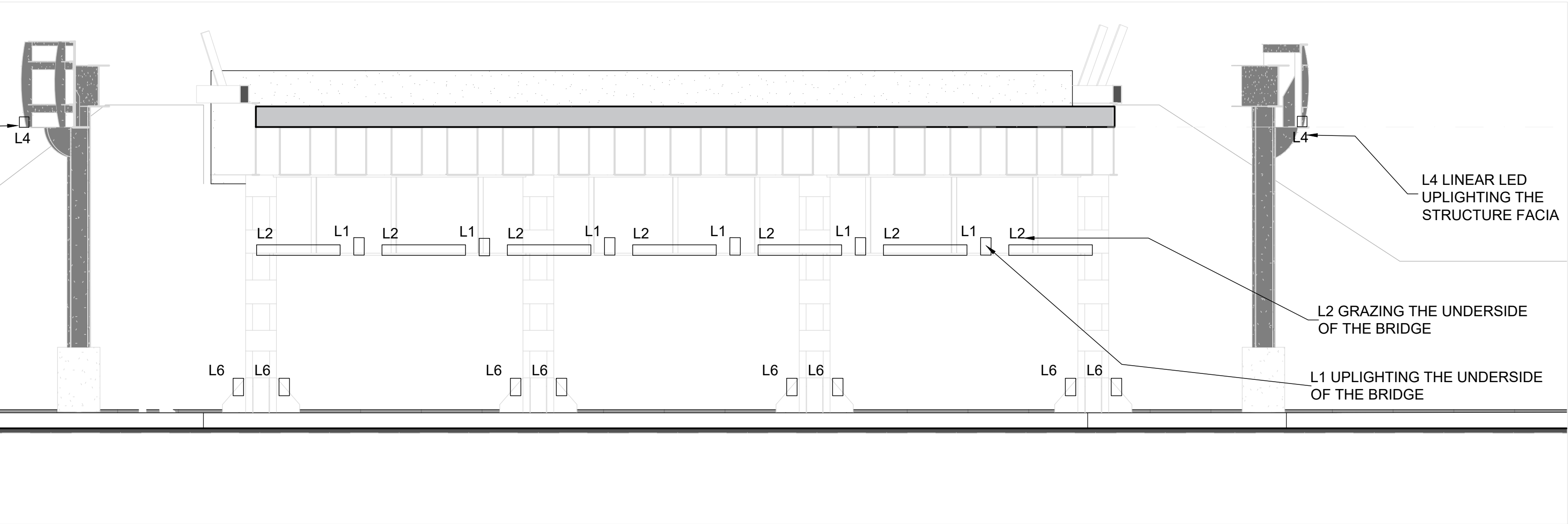
L-101



1 UNDERDECK REFLECTED CEILING PLAN
L101
1/8" = 1'-0"



1 GROUND LEVEL PLAN
L101
1/8" = 1'-0"



S1 NORTH ELEVATION
3/16" = 1'-0"



S2 WEST ELEVATION
3/16" = 1'-0"

GENERAL NOTES:

1. REFER TO DRAWING NUMBER L000 FOR GENERAL NOTES AND SCOPE
2. GENERAL LOCATION OF LIGHTS SHOWN FOR REFERENCE
3. FOR INTEGRATION INTO ENGINEERS DRAWING SET
4. ALL EXISTING FIXTURES TO BE DEMOLISHED WITH ALL ASSOCIATED HARDWARE REMOVED

SHEET NOTES:

NOT FOR CONSTRUCTION

PROJECT:

LUMINOUS CROSSINGS - EVANSTON

DRAWING TITLE:

MAIN METRA LIGHTING LAYOUT

DRAWN BY:

KW

CHECKED BY:

CB

SCALE:

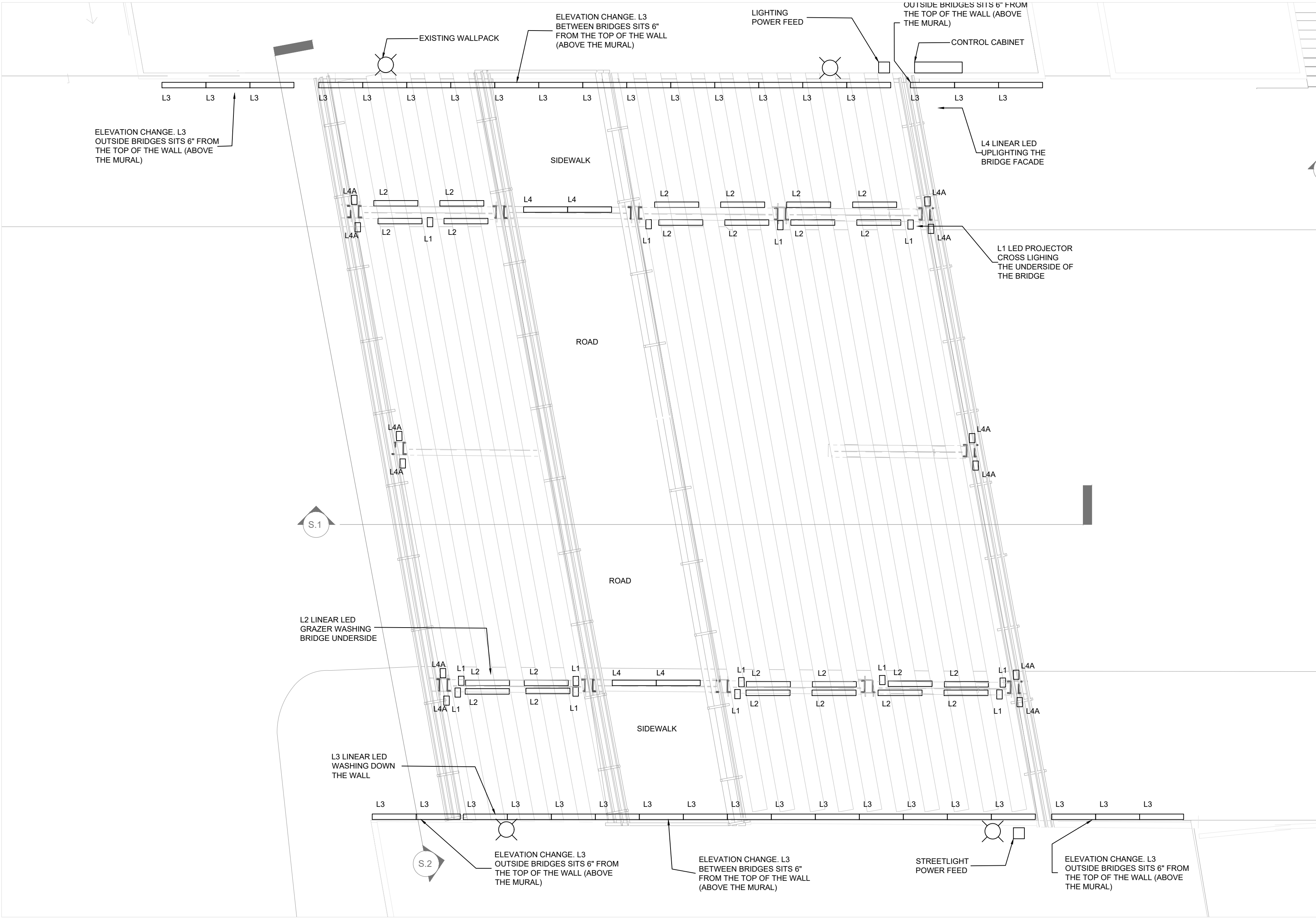
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DATE:

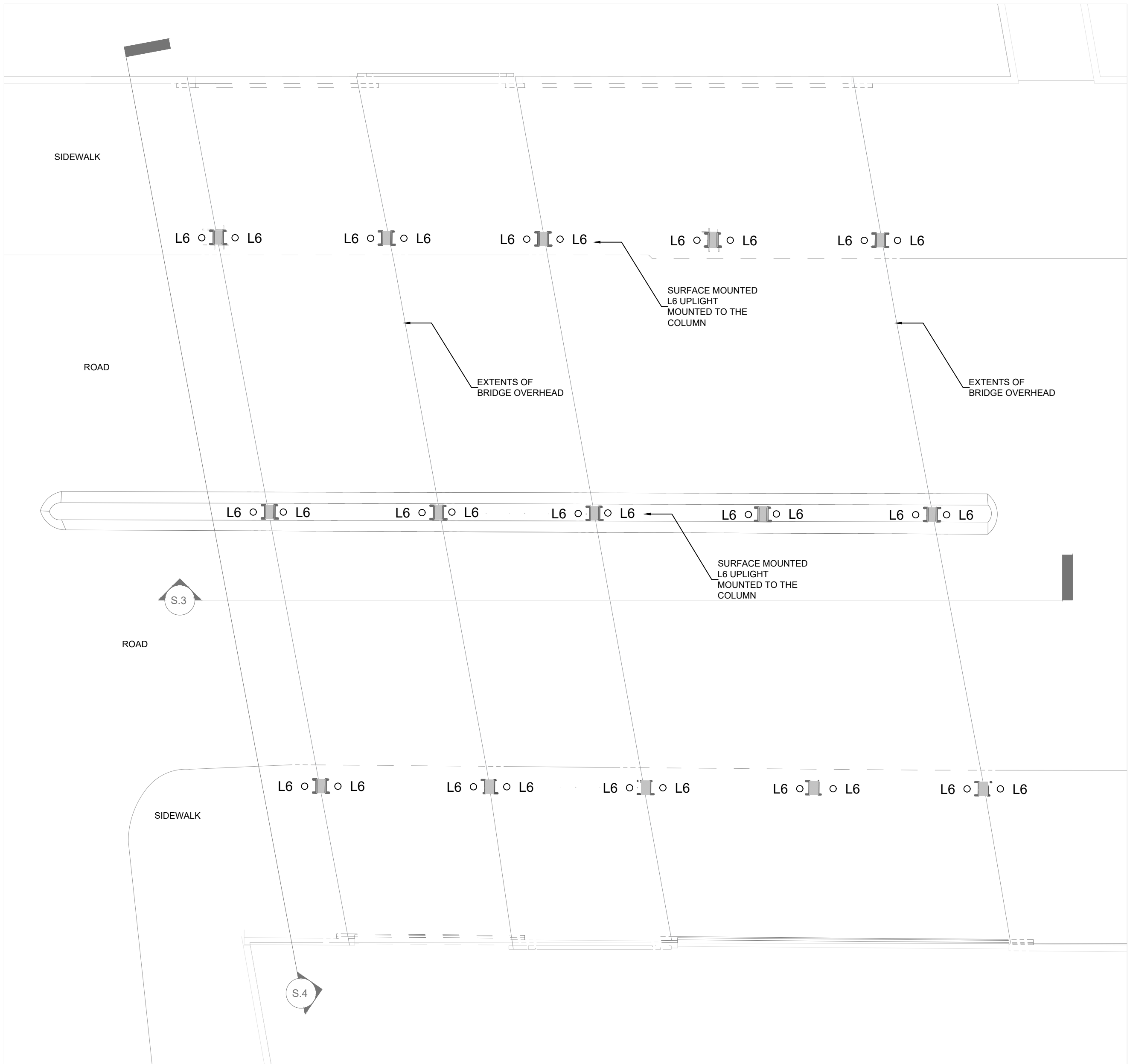
04.17.26

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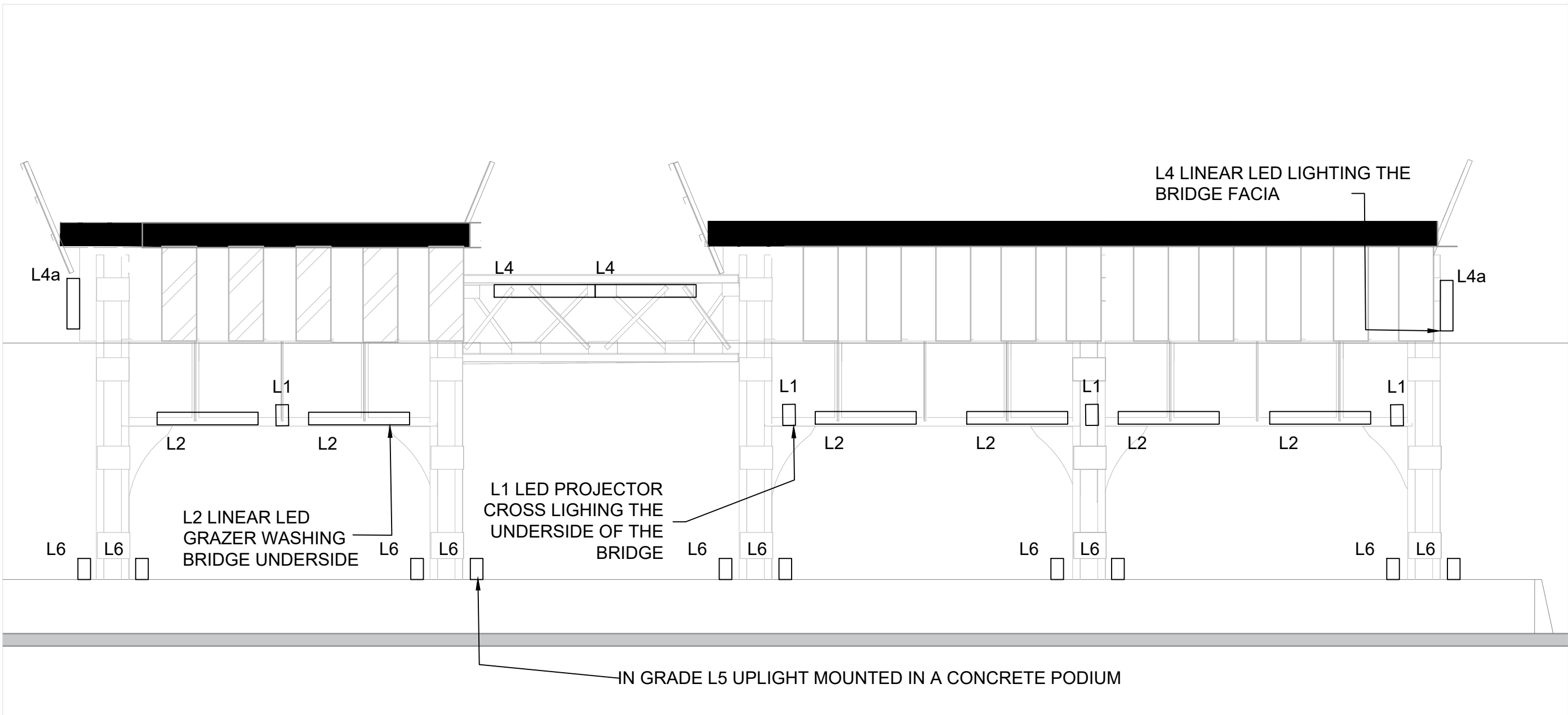
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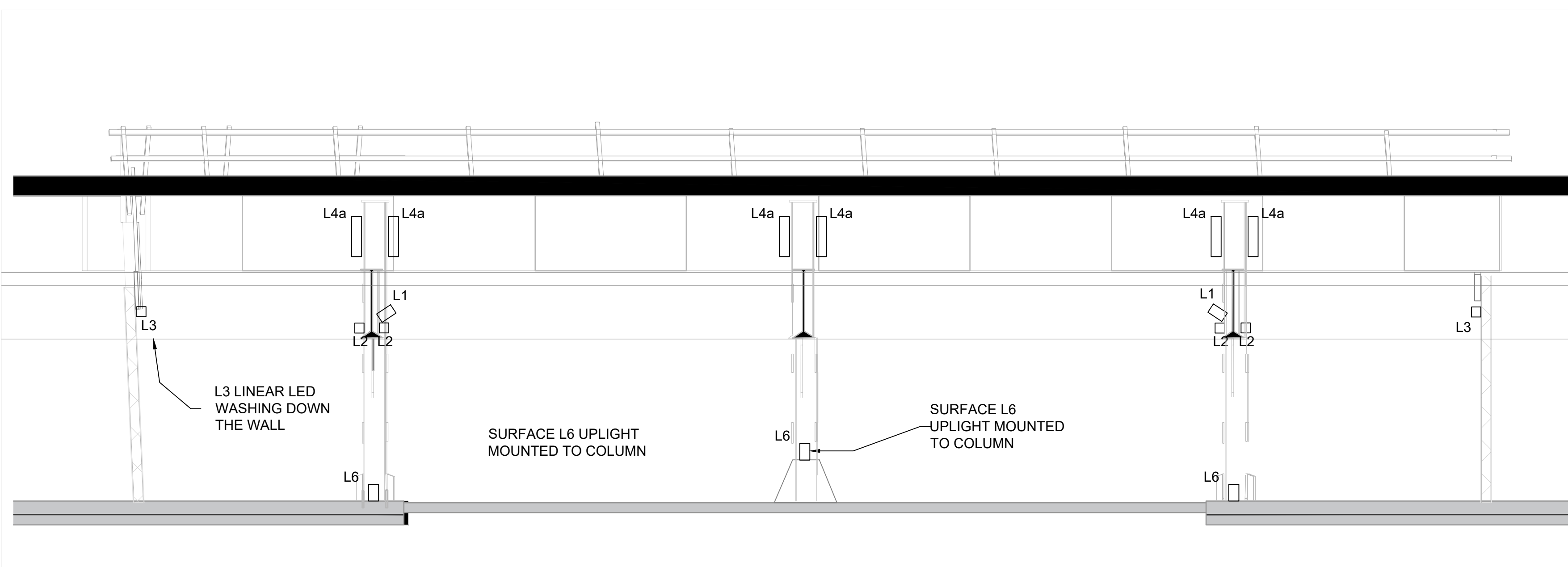
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L101
1/8" = 1'-0"



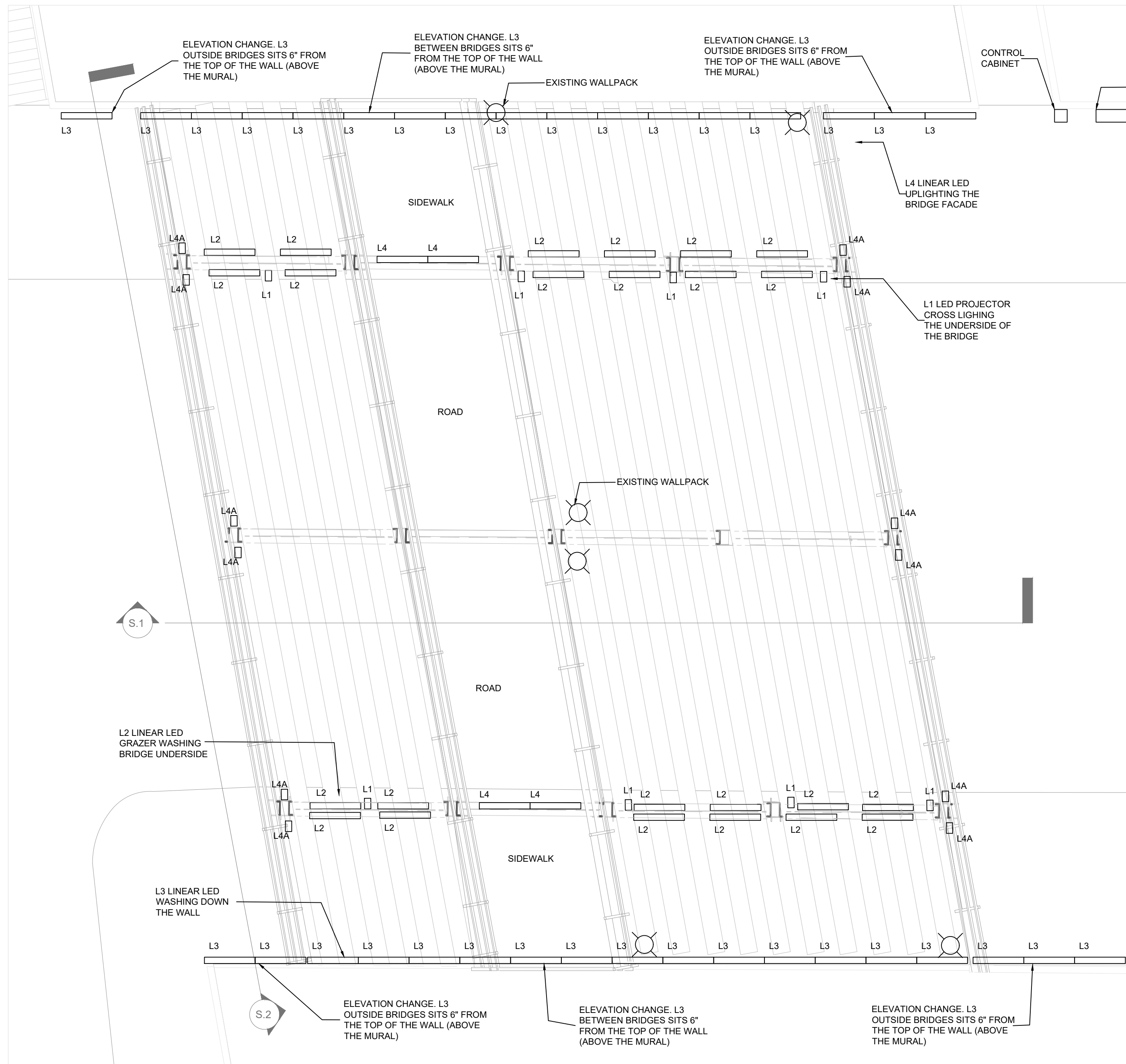
2 GROUND LEVEL PLAN
L101
1/8" = 1'-0"



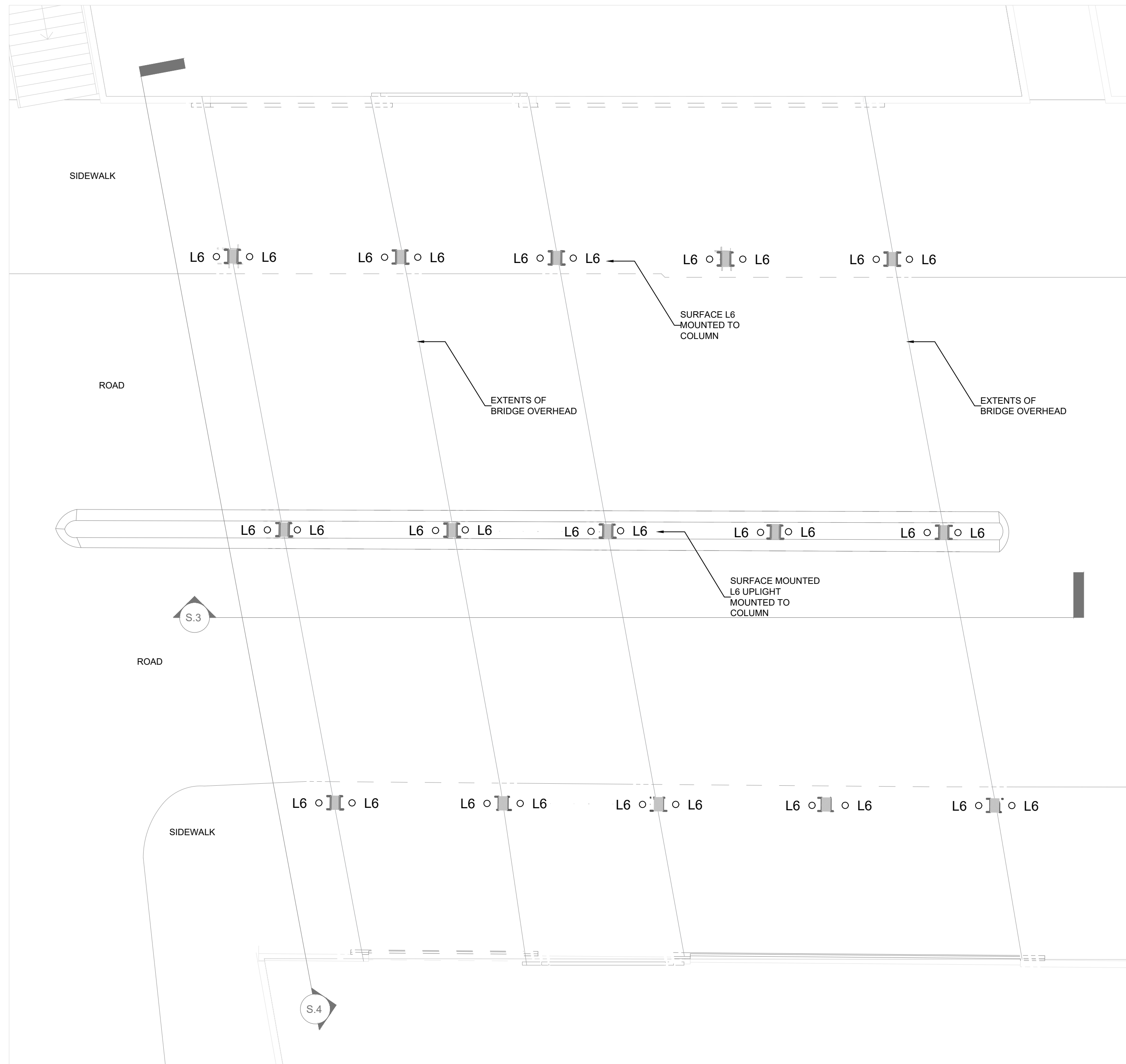
S1 NORTH ELEVATION
3/16" = 1'-0"



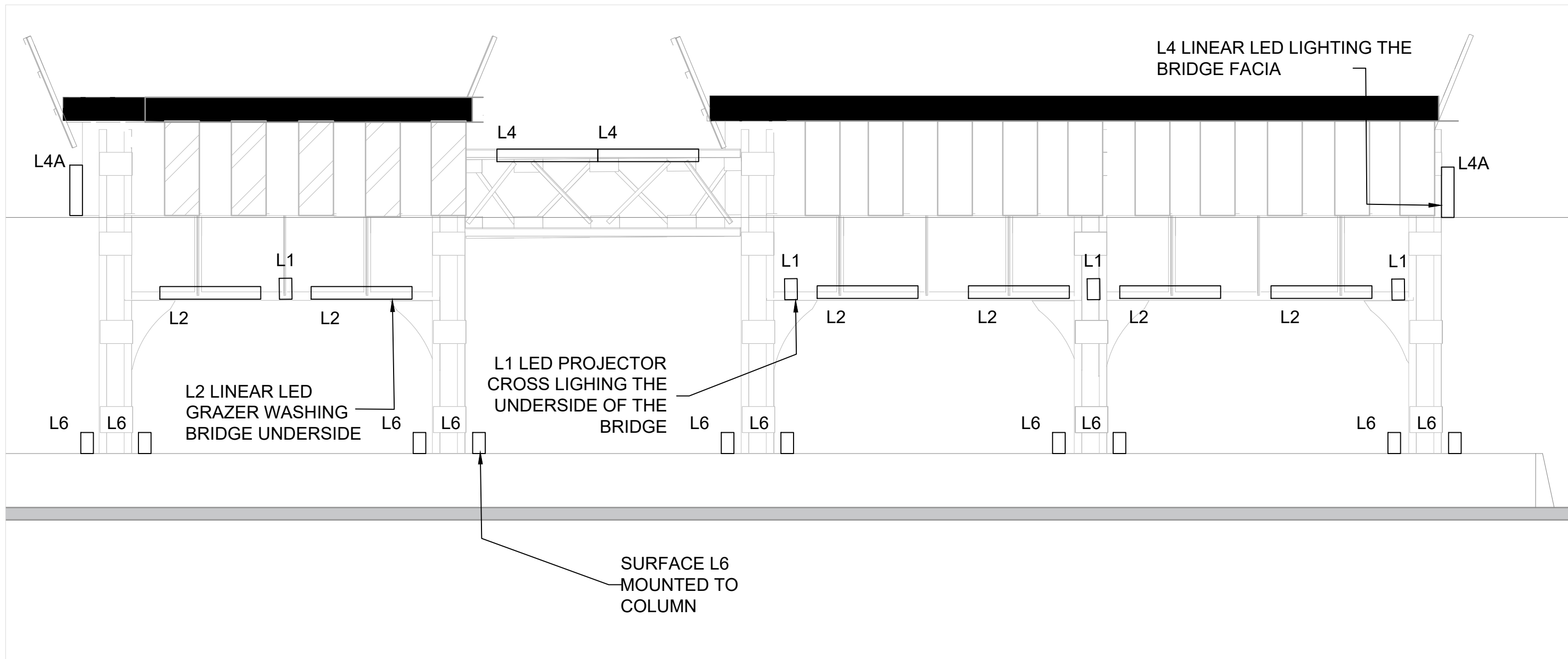
S2 EAST ELEVATION
3/16" = 1'-0"



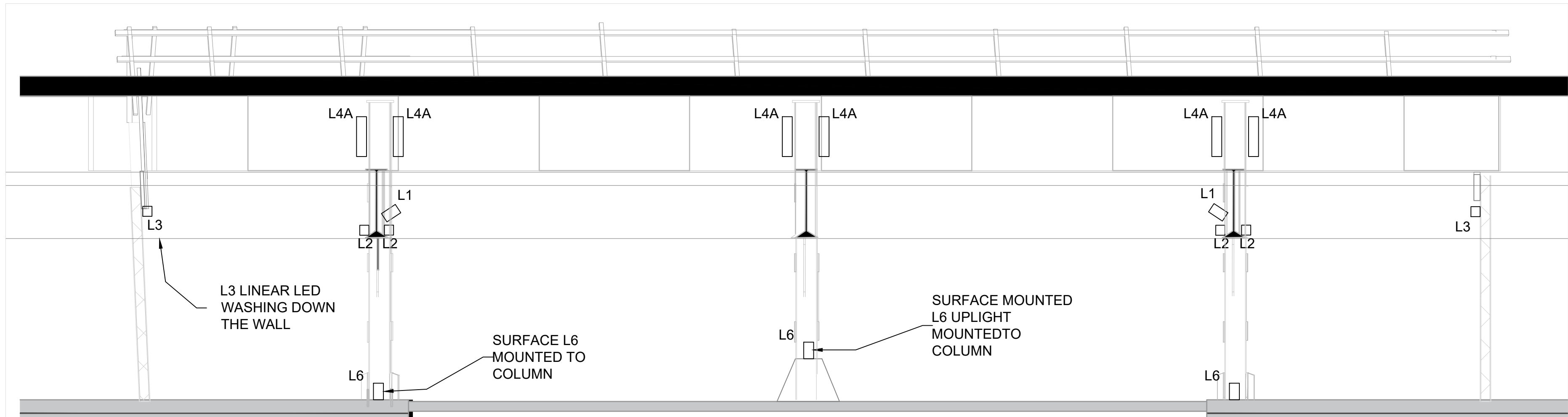
1 UNDERDECK REFLECTED CEILING PLAN
L101 1/8" = 1'-0"



2 GROUND LEVEL PLAN
L101 1/8" = 1'-0"



S1 NORTH ELEVATION
3/16" = 1'-0"



S2 EAST ELEVATION
3/16" = 1'-0"

GENERAL NOTES:

1. REFER TO DRAWING NUMBER L000 FOR GENERAL NOTES AND SCOPE
2. GENERAL LOCATION OF LIGHTS SHOWN FOR REFERENCE
3. FOR INTEGRATION INTO ENGINEERS DRAWING SET
4. ALL EXISTING FIXTURES TO BE DEMOLISHED WITH ALL ASSOCIATED HARDWARE REMOVED

SHEET NOTES:

NOT FOR CONSTRUCTION

PROJECT:

LUMINOUS CROSSINGS - EVANSTON

REV.	DATE	ISSUE
02	04.17.26	90% CD
01	12.22.25	75% CD

DRAWING TITLE:

DEMPSTER METRA LIGHTING LAYOUT

DRAWN BY:

KW

CHECKED BY:

CB

SCALE:

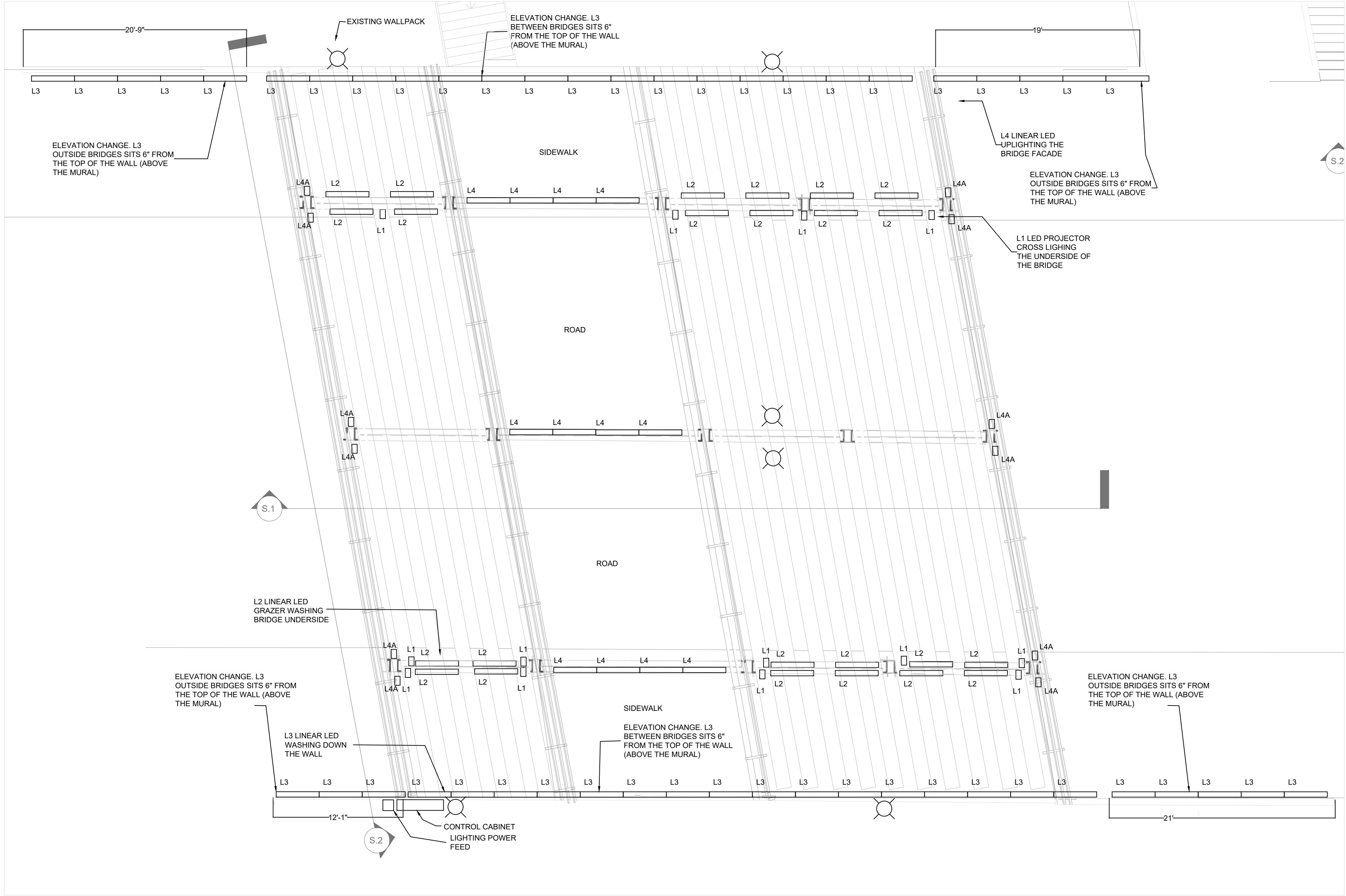
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DATE:

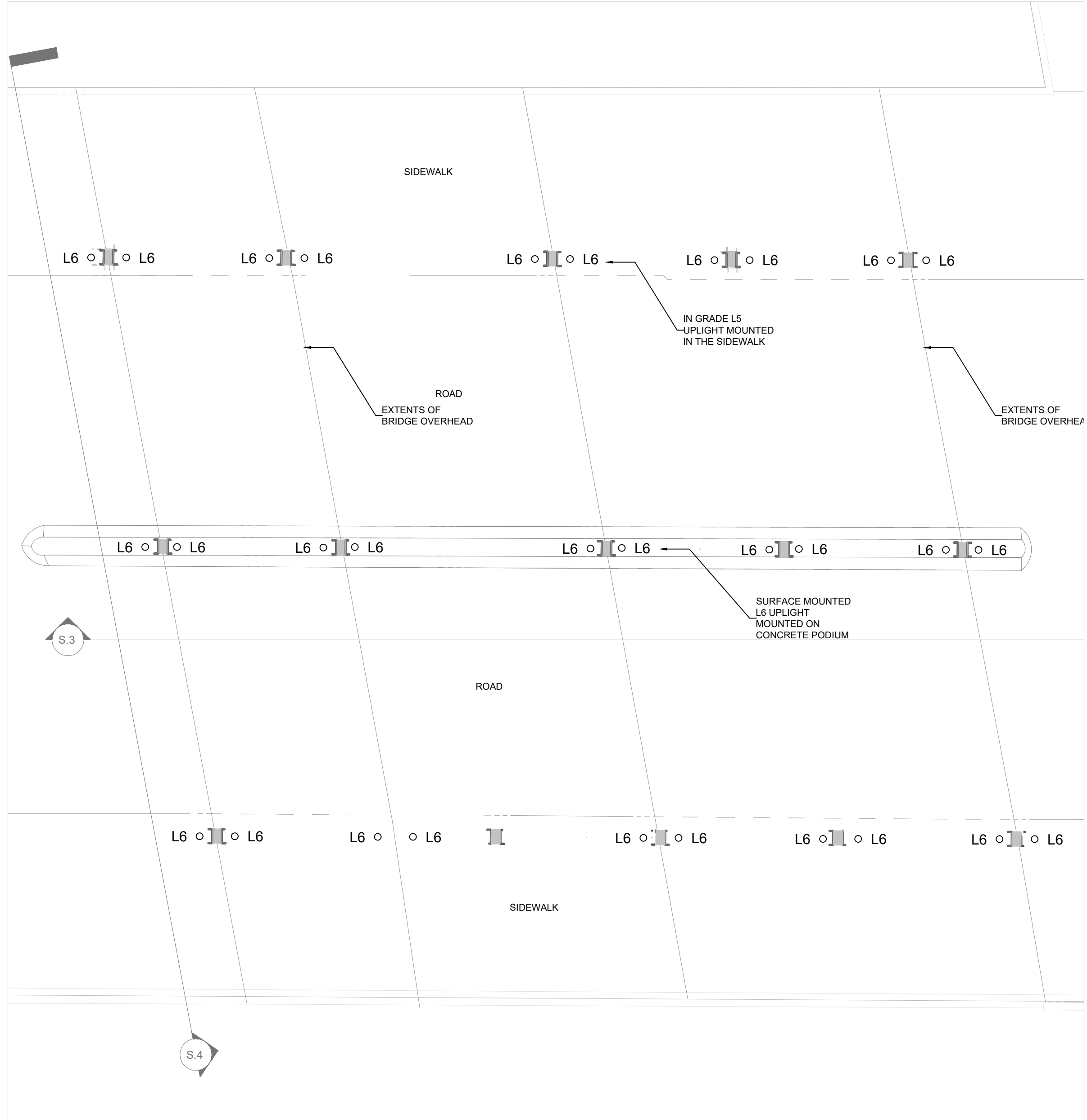
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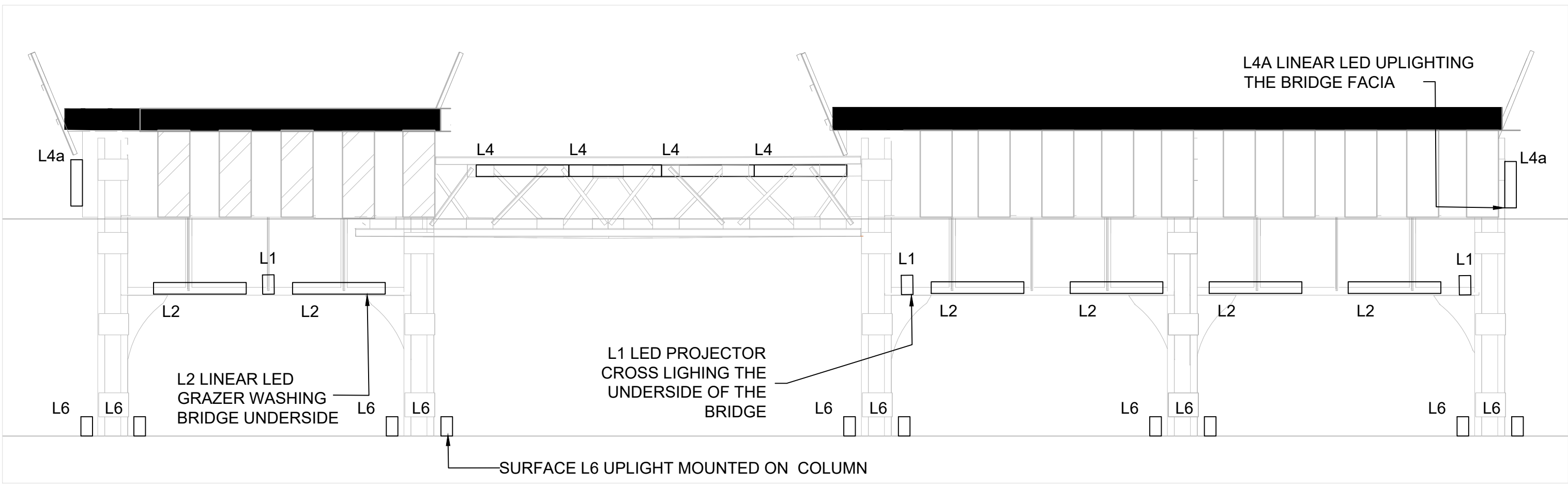
L-103



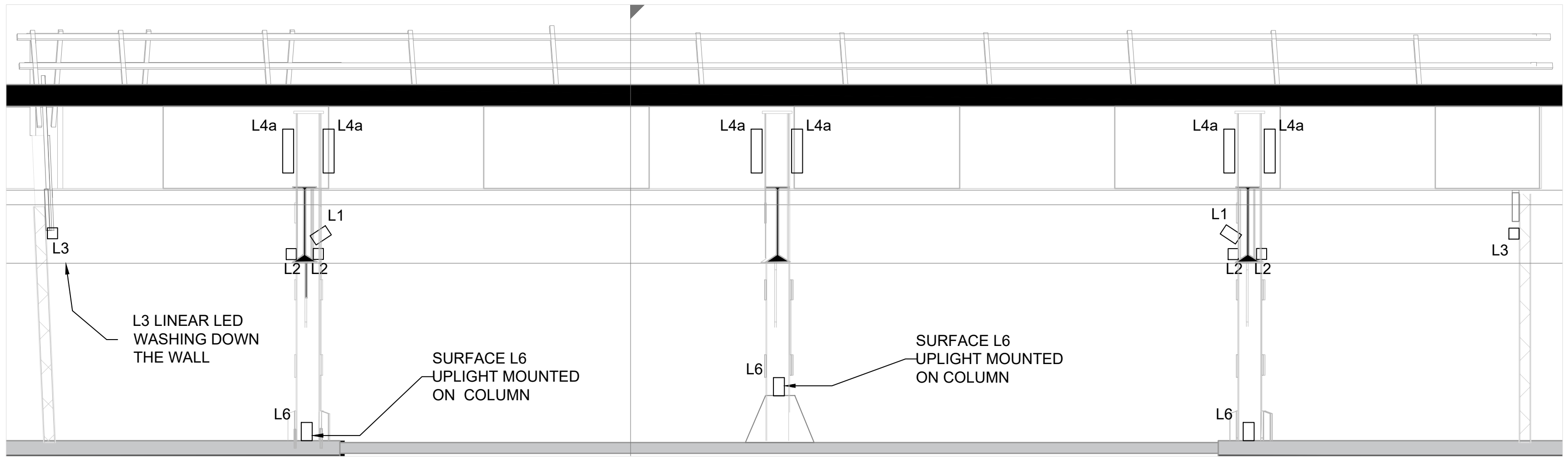
1 UNDERDECK REFLECTED CEILING PLAN
L101 1/8" = 1'-0"



2 GROUND LEVEL PLAN
L101 1/8" = 1'-0"



S1 NORTH ELEVATION
3/16" = 1'-0"



S2 EAST ELEVATION
3/16" = 1'-0"

GENERAL NOTES:

1. REFER TO DRAWING NUMBER L000 FOR GENERAL NOTES AND SCOPE
2. GENERAL LOCATION OF LIGHTS SHOWN FOR REFERENCE
3. FOR INTEGRATION INTO ENGINEERS DRAWING SET
4. ALL EXISTING FIXTURES TO BE DEMOLISHED WITH ALL ASSOCIATED HARDWARE REMOVED

SHEET NOTES:

NOT FOR CONSTRUCTION

PROJECT:

LUMINOUS CROSSINGS - EVANSTON

DRAWING TITLE:

DAVIS METRA LIGHTING LAYOUT

DRAWN BY:

KW

CHECKED BY:

CB

SCALE:

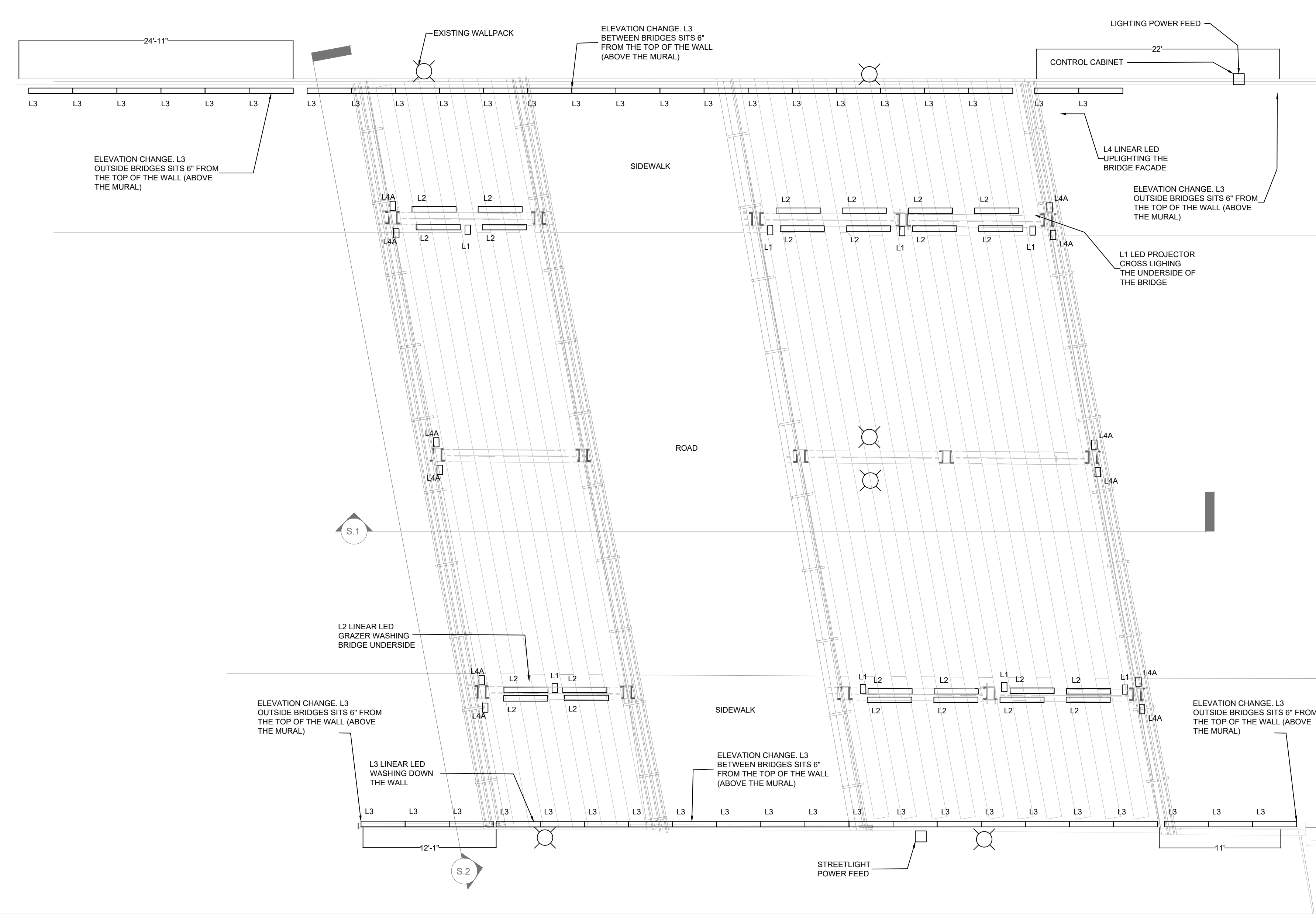
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DATE:

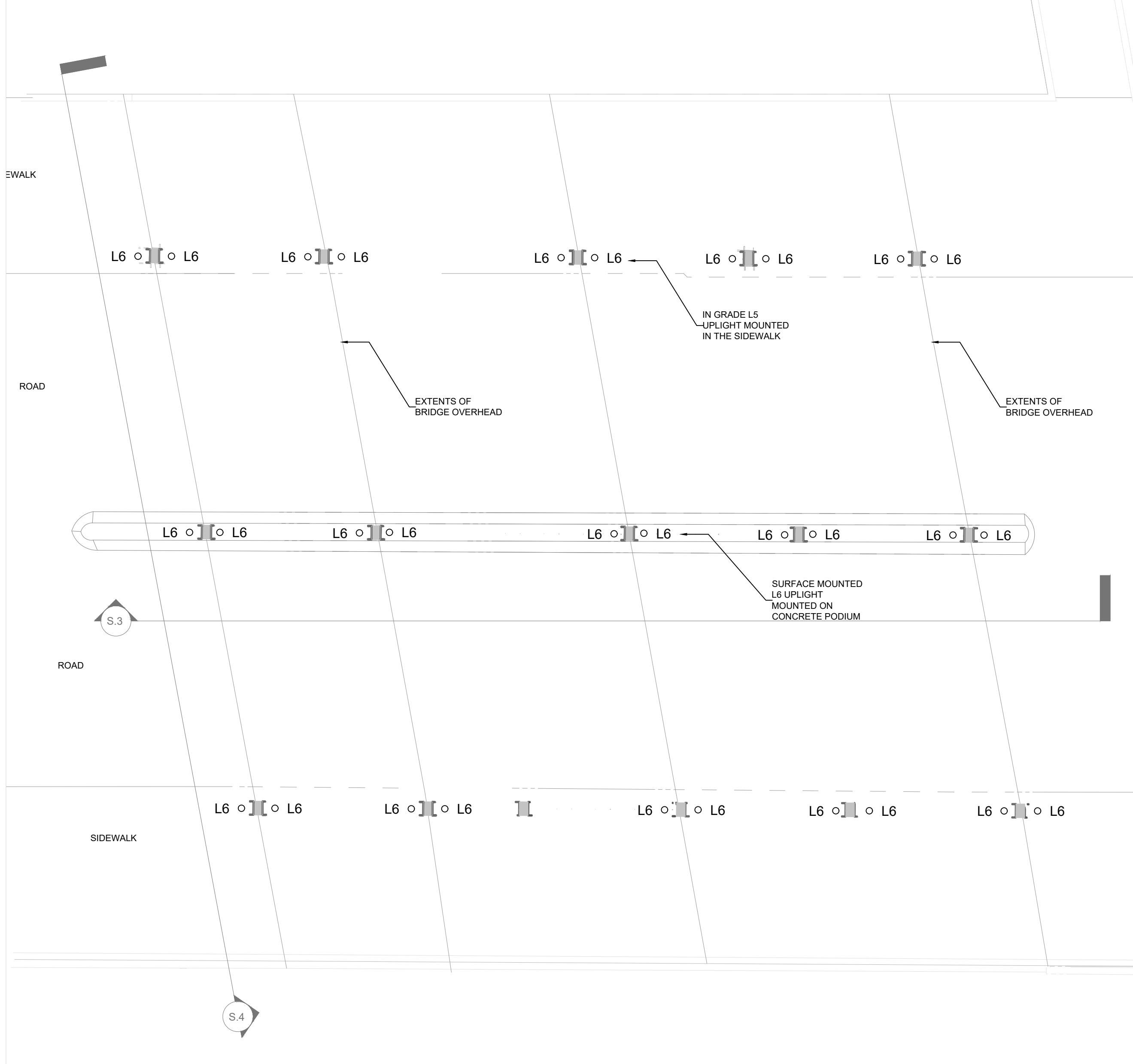
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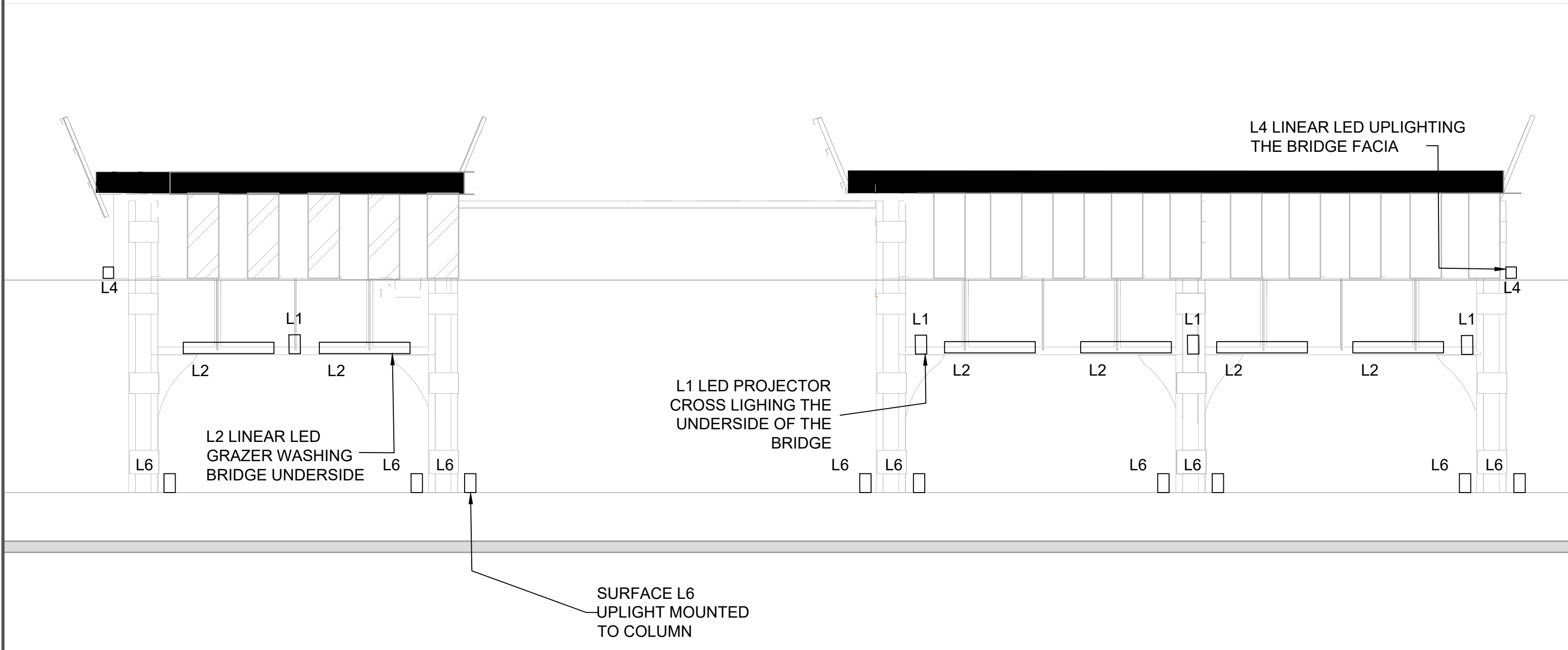
L-104



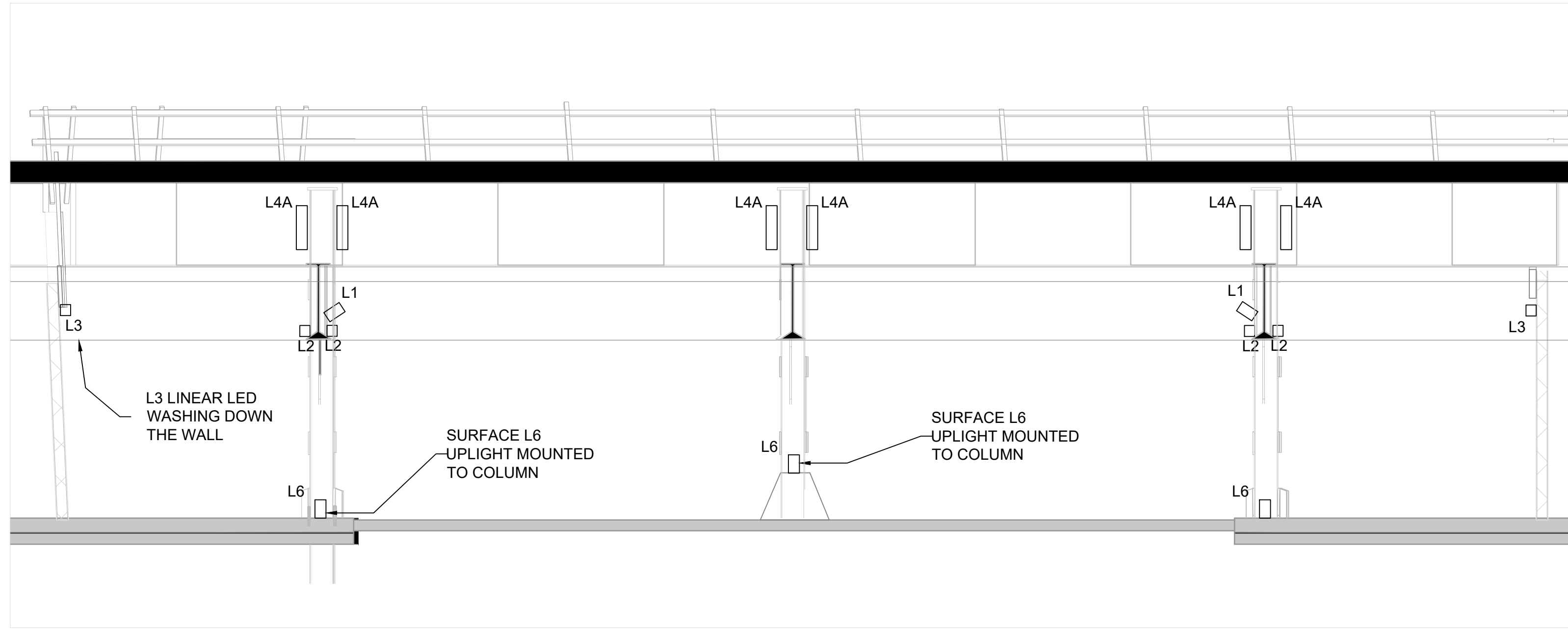
1 UNDERDECK REFLECTED CEILING PLAN
L101 1/8" = 1'-0"



2 GROUND LEVEL PLAN
L101 1/8" = 1'-0"



S1 NORTH ELEVATION
3/16" = 1'-0"



S2 EAST ELEVATION
3/16" = 1'-0"

GENERAL NOTES:

1. REFER TO DRAWING NUMBER L000 FOR GENERAL NOTES AND SCOPE
2. GENERAL LOCATION OF LIGHTS SHOWN FOR REFERENCE
3. FOR INTEGRATION INTO ENGINEERS DRAWING SET
4. ALL EXISTING FIXTURES TO BE DEMOLISHED WITH ALL ASSOCIATED HARDWARE REMOVED

SHEET NOTES:

NOT FOR CONSTRUCTION

PROJECT:

LUMINOUS CROSSINGS - EVANSTON

02	04.17.26	90% CD
01	12.22.25	75% CD
REV.	DATE	ISSUE

DRAWING TITLE:

CHURCH METRA LIGHTING LAYOUT

DRAWN BY:

KW

CHECKED BY:

CB

SCALE:

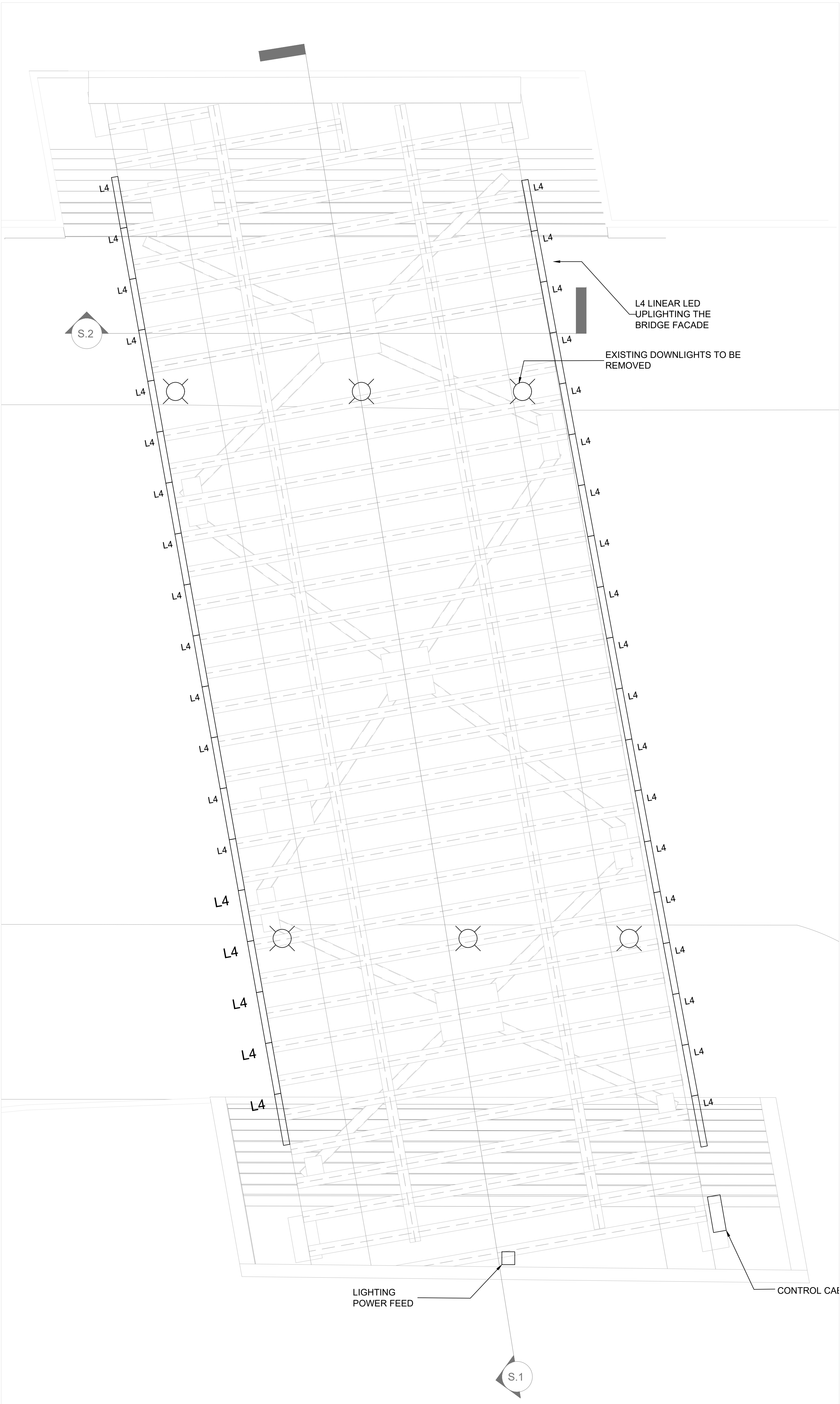
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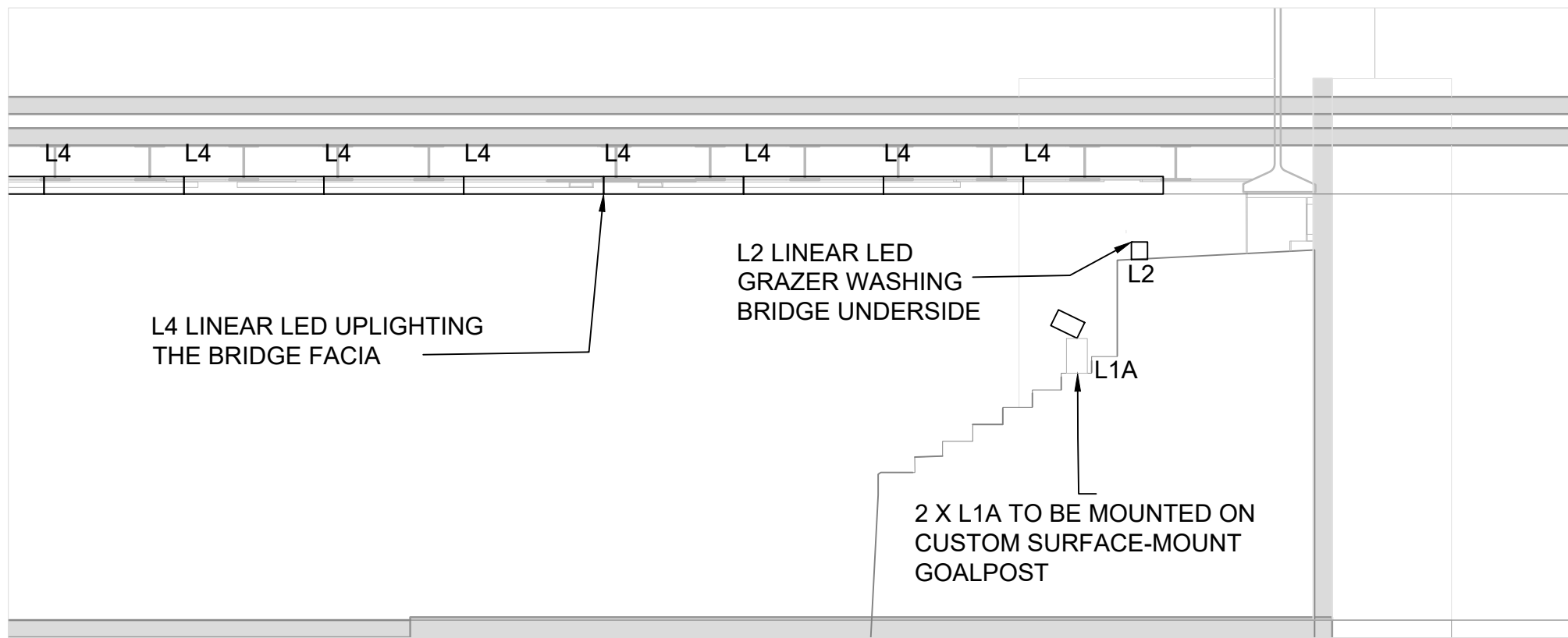
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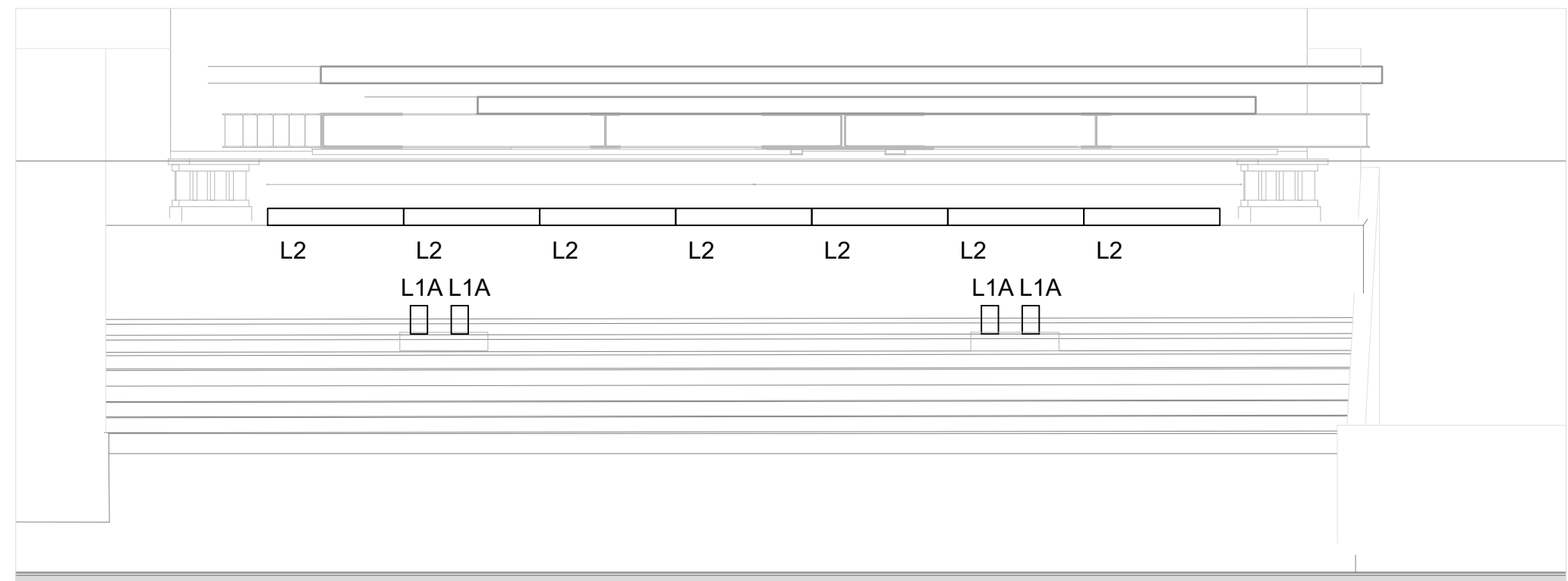
L-105



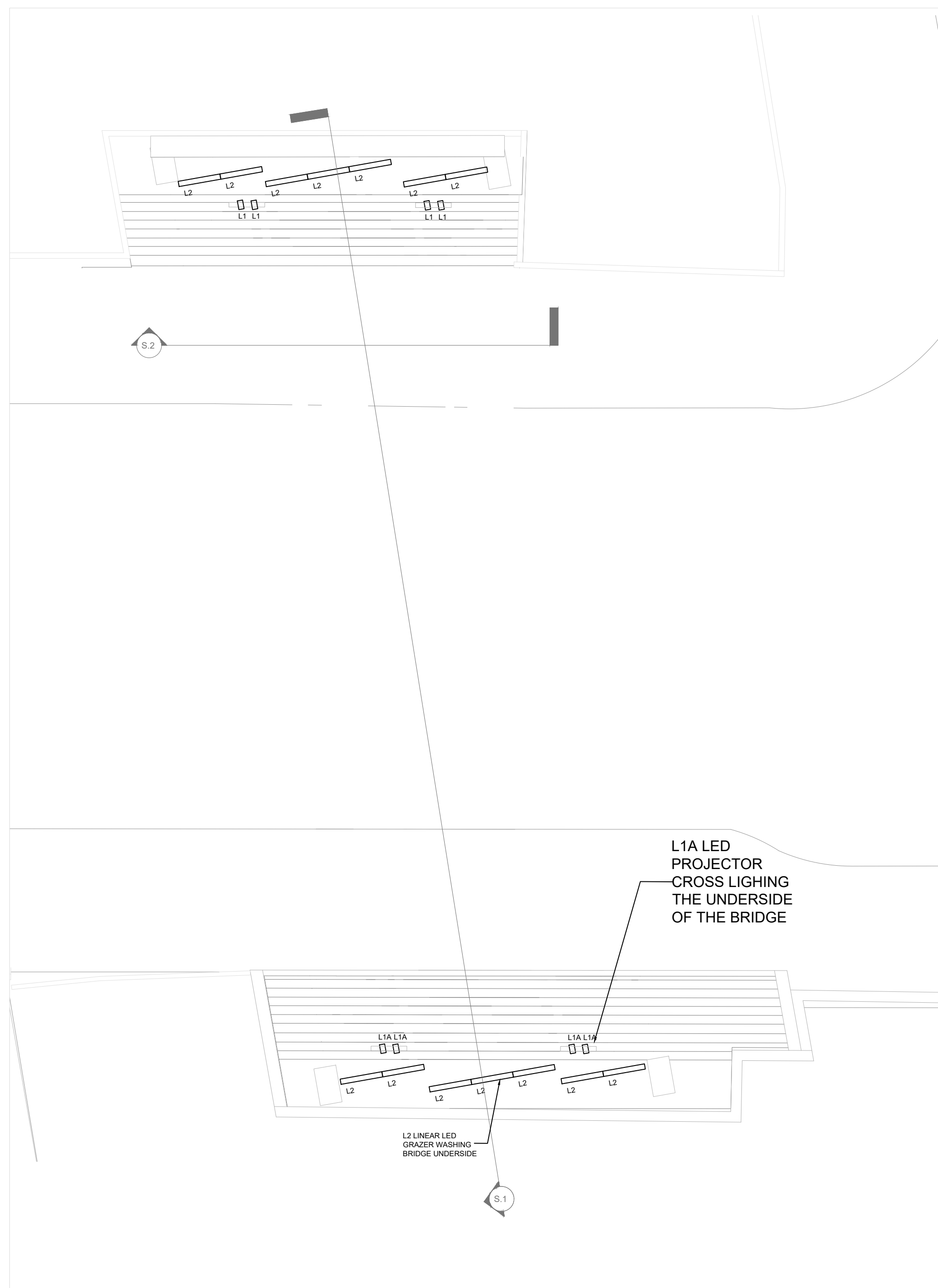
1 UNDERDECK REFLECTED CEILING PLAN
L101 3/16" = 1'-0"



S1 EAST ELEVATION
3/16" = 1'-0"



S1 NORTH ELEVATION
3/16" = 1'-0"



2 GROUND LEVEL PLAN
L101 3/32" = 1'-0"

- GENERAL NOTES:**
- REFER TO DRAWING NUMBER L000 FOR GENERAL NOTES AND SCOPE
 - GENERAL LOCATION OF LIGHTS SHOWN FOR REFERENCE
 - FOR INTEGRATION INTO ENGINEERS DRAWING SET
 - ALL EXISTING FIXTURES TO BE DEMOLISHED WITH ALL ASSOCIATED HARDWARE REMOVED

SHEET NOTES:

NOT FOR CONSTRUCTION

PROJECT:

LUMINOUS CROSSINGS - EVANSTON

REV.	DATE	ISSUE
02	05.17.26	90% CD
01	12.22.25	75% CD

DRAWING TITLE:

CHURCH CTA LIGHTING LAYOUT

DRAWN BY:

KW

CHECKED BY:

CB

SCALE:

N/A

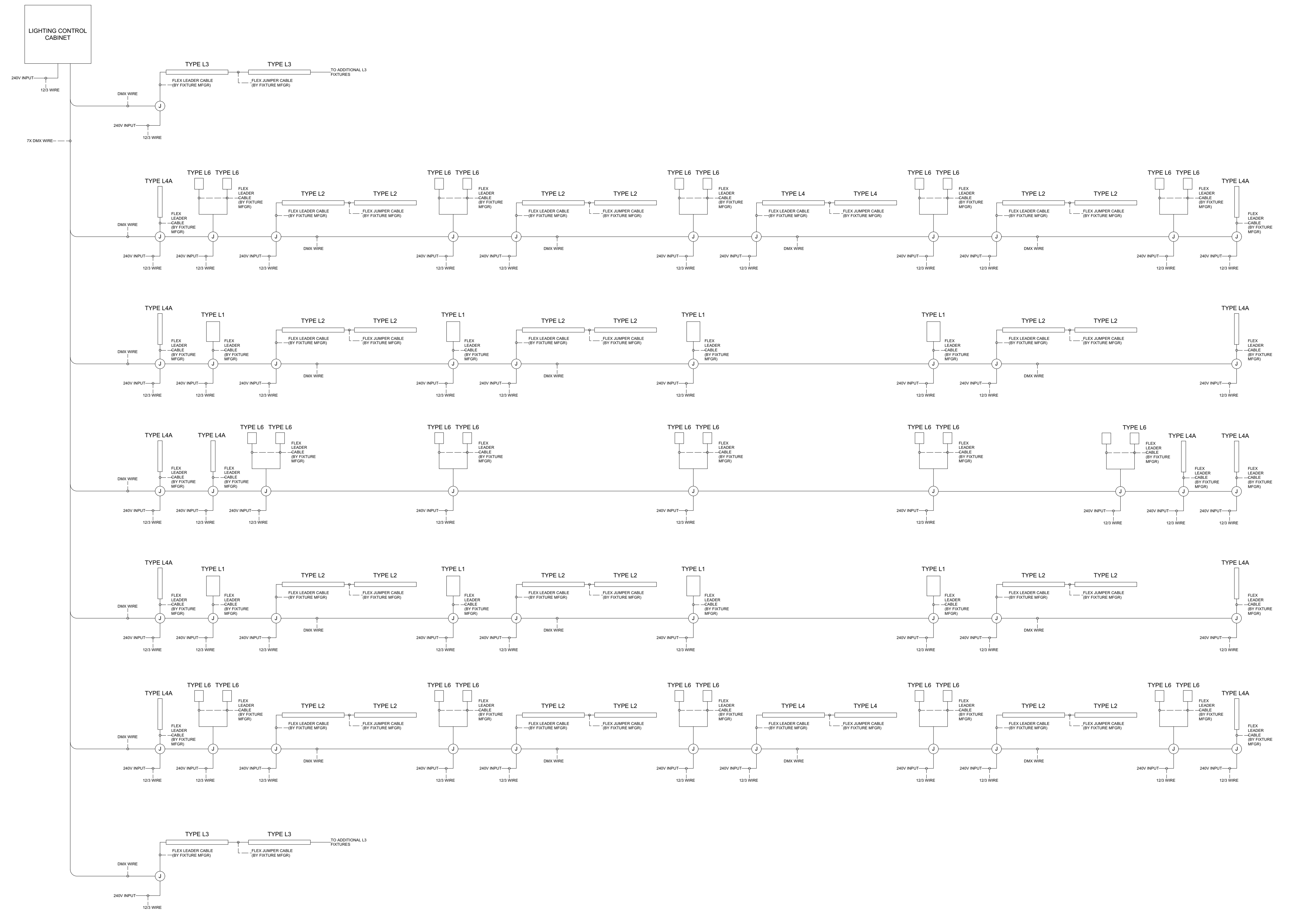
DATE:

04.17.26

SHEET NUMBER:

L-109

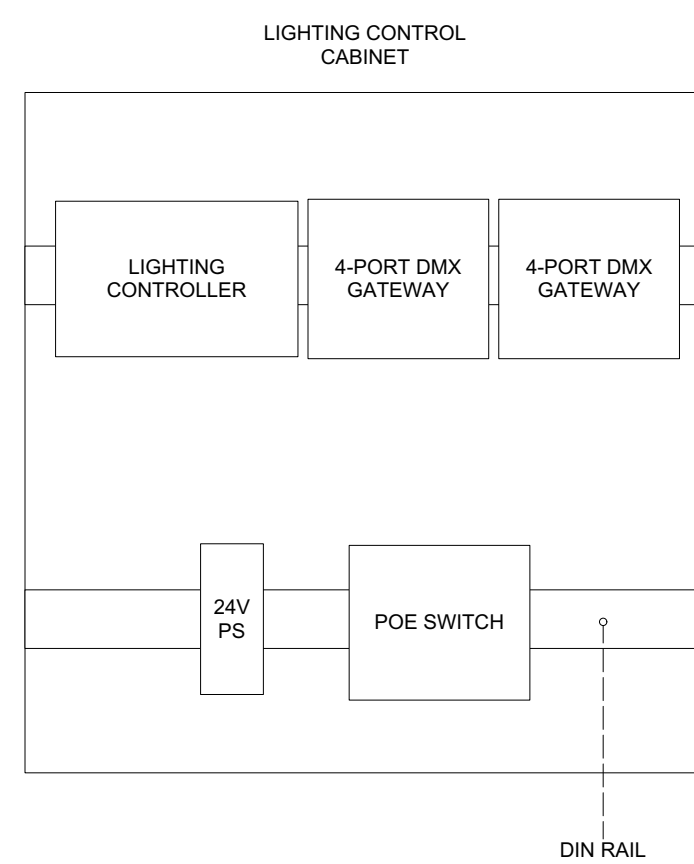
LIGHTING CONTROL SYSTEM - TYPICAL BRIDGE DATA DIAGRAM (METRA BRIDGES)



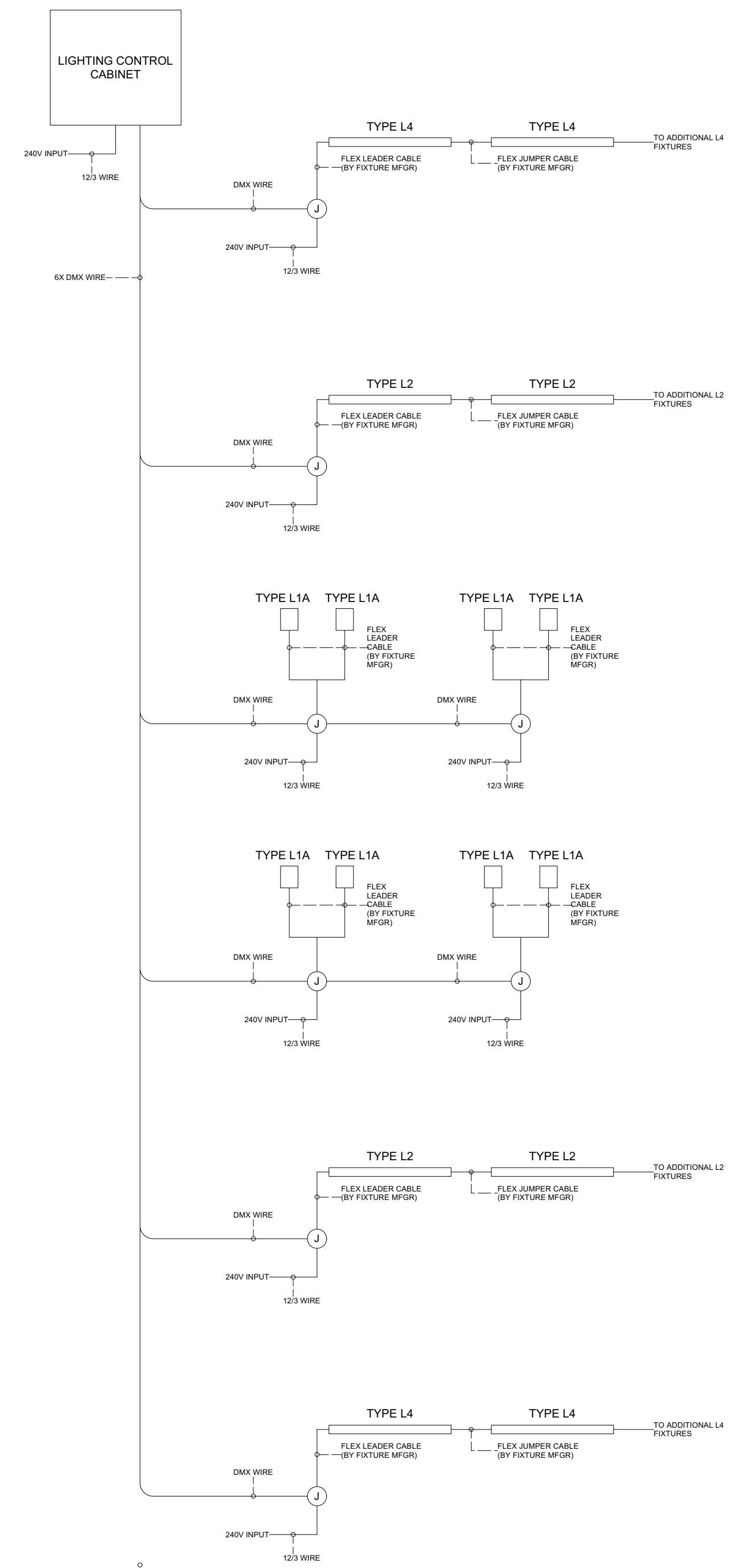
LIGHTING CONTROL SYSTEM NOTES

- LIGHTING CONTROL CABINET COMPONENTS
1. LIGHTING CONTROL CABINET:
MANUFACTURER: HOFFMAN CATALOG# CSD16106SS.
REMARKS: CABINET SHALL BE OUTFITTED WITH DIN RAIL AS REQUIRED FOR THE MOUNTING OF INTERNAL EQUIPMENT. CABINET SHALL BE PRE-WIRED INTERNALLY
INCLUDE LOCK, BACK PLATE, MOUNTING ACCESSORIES
 2. LIGHTING CONTROLLER
MANUFACTURER: PHAROS CATALOG# LPC2
4-PORT DMX GATEWAY
 3. 4-PORT DMX GATEWAY
MANUFACTURER: PHAROS CATALOG# RIO G4
4-PORT POE SWITCH
 4. 4-PORT POE SWITCH
MANUFACTURER: PHAROS CATALOG# PAC S
24V POWER SUPPLY
 5. 24V POWER SUPPLY
MANUFACTURER: MEANWELL CATALOG# HDR-60-24
- WIRING COMPONENTS:
1. DMX WIRE:
MANUFACTURER: BELDEN CATALOG# 3105DB
- CONTROL SYSTEM NOTES
1. CONTROL SYSTEM TO BE PROVIDED BY LIGHTING SYSTEM VENDOR. AT A MINIMUM, SYSTEM SHALL INCLUDE:
INDEPENDENT CONTROL OF EACH DMX CHANNEL WITHIN ALL LIGHT FIXTURES
PROGRAMMABLE ASTRONOMICAL TIME/CLOCK PRESET LIGHTING CONTROL
AVAILABILITY OF CLOUD-BASED REMOTE SYSTEM CONTROL TO INCLUDE THE FOLLOWING FUNCTIONS:
-CALENDAR-BASED SCHEDULING
-REMOTE PROJECT FILE UPLOAD/DOWNLOAD
-SYSTEM STATUS MONITORING
- 5-YEAR MANUFACTURER'S WARRANTY
2. ELECTRICAL CONTRACTOR TO RECORD SERIAL NUMBERS FOR ALL FIXTURES ON AS-BUILT DRAWINGS INDICATING INSTALLED FIXTURE LOCATIONS. SERIAL NUMBERS ARE REQUIRED FOR FIXTURE ADDRESSING AND CONFIGURATION.
 3. LOCATION OF ALL CONTROL AND INTERFACE DEVICES TO BE COORDINATED WITH PROJECT LIGHTING DESIGNER, AND OWNER
 4. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL NECESSARY MOUNTING HARDWARE AND EQUIPMENT FOR COMPLETE AND CODE-COMPLIANT INSTALLATION
 5. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL LOW VOLTAGE WIRING, AND MISCELLANEOUS WIRING AND HARDWARE FOR FULLY OPERATIONAL LIGHTING SYSTEM
 6. ALL LOW VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT OR AS REQUIRED BY LOCAL CODES
 7. ELECTRICAL CONTRACTOR SHALL INSTALL ALL EQUIPMENT INCLUDING LED LIGHTING FIXTURES, POWER/DATA CABLES, INTERFACES, JUNCTION BOXES, AND CONTROL DEVICES PER MANUFACTURER'S INSTRUCTIONS
 8. EQUIPMENT VENDOR TO PROVIDE WITH THEIR SUBMITTAL: DATA SHEETS FOR ALL SYSTEM COMPONENTS WITH CATALOG NUMBERS ANNOTATED, LIGHTING LOAD SCHEDULE, SHOP DRAWINGS.

LIGHTING CONTROL CABINET DETAIL



LIGHTING CONTROL SYSTEM - TYPICAL BRIDGE DATA DIAGRAM (CTA BRIDGES)



GENERAL NOTES:

1. REFER TO DRAWING NUMBER L000 FOR GENERAL NOTES AND SCOPE
2. GENERAL LOCATION OF LIGHTS SHOWN FOR REFERENCE
3. FOR INTEGRATION INTO ENGINEERS DRAWING SET
4. ALL EXISTING FIXTURES TO BE DEMOLISHED WITH ALL ASSOCIATED HARDWARE REMOVED

SHEET NOTES:

NOT FOR CONSTRUCTION

PROJECT:

LUMINOUS CROSSINGS - EVANSTON

01	12.2	75% CD
RE	DA	ISS
V.	TE	UE

DRAWING TITLE:

LIGHTING CONTROL SINGLE LINE

DRAWN BY:

CB

CHECKED BY:

CB

SCALE:

N/A

DATE:

07.20.2026

SHEET NUMBER:

L-201

2/9/2026

1-O-26

AN ORDINANCE

Amending Title 1, Chapter 17, “Contracts with the City”

WHEREAS, the City of Evanston is a unit of local government organized and operating under federal and state laws; and

WHEREAS, on May 27, 2025, the City of Evanston adopted the Responsible Bidder Ordinance to ensure that only qualified contractors and subcontractors are awarded contracts on public works construction projects, and to ensure that workers on public works construction projects are paid appropriate wages and receive appropriate benefits in accordance with state and federal law; and

WHEREAS, from time to time the City of Evanston is able to secure external sources of funding, for instance from federal or state grants, that impose distinct sets of requirements for grant eligibility that do not always dovetail with the requirements of the current City Code; and

WHEREAS, the City of Evanston wishes to amend its ordinance on Contracts with the City to clarify how it intersects with external funding conditions;

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF EVANSTON,
COOK COUNTY, ILLINOIS:**

SECTION 1: Title 1, Chapter 17, “Contracts with the City,” is hereby amended as follows:

(A) All contracts with the City costing in excess of twenty-five thousand dollars (\$25,000.00) must be approved by the City Council. Contracts for the purchase of goods or services to be utilized in the conduct of the affairs of the City, shall be let by the City Manager or his/her designee, with the approval of the City Council, to a reliable, responsible and acceptable bidder, after advertising for the same, and bonds to be approved by the City Council may be taken for the faithful performance thereof.

(B) All contracts for the purchase of goods or services with entirely City funds shall be awarded to the lowest quote/bid price or lowest evaluated quote/bid price from a responsive and responsible Evanston business enterprise ("EBE") provided the EBE's quote/bid price does not surpass the lowest quote/bid price or lowest evaluated quote/bid price from a responsive and responsible nonlocal business by more than five percent (5%). All contracts let from requests for proposals (RFPs) and requests for qualifications (RFQs) with entirely City funds shall be awarded to the most qualified consultant that is an EBE, provided the EBE price/cost does not surpass the lowest price/cost or lowest evaluated price/cost from a nonlocal business by more than five percent (5%). This requirement is waived if the contract is partially or completely funded from a source other than funds belonging to the City of Evanston, such as federal, state, or other grants, and (ii) the other funding source mandates terms that are inconsistent with or supersede this Section (B).

1. An "EBE" shall mean an entity which is located in or has one or more offices located in the City for a minimum of one year and which performs a "commercially useful function."

a. An EBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the EBE must also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself. To determine whether an EBE is performing a commercially useful function, the City will evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the EBE credit claimed for its performance of the work and other relevant factors.

b. An EBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of EBE participation. In determining whether an EBE is such an extra participant, the City will examine similar transactions, particularly those in which EBEs do not participate.

c. If an EBE does not perform or exercise responsibility for at least thirty (30) percent of the total cost of its contract with its own work force, or the EBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of

work involved, then it is not performing a commercially useful function.

d. When an EBE is presumed not to be performing a commercially useful function as provided in Subsection (B)1c of this Section, the EBE may present evidence to rebut this presumption. The City may determine that the firm is performing a commercially useful function given the type of work involved and normal industry practices.

2. In determining whether a business has been located in Evanston for one (1) year, the MWEBE Committee will consider the following:

a. Whether the vendor pays property and/or sales taxes in Evanston; and

b. Whether the business entity's address or the address given on the federal and/or state income tax return is within Evanston.

c. The date of issuance of an Evanston business license.

The City may waive the one-year requirement if the entity provides evidence of a substantial commitment to Evanston.

3. Businesses that maintain a distribution warehouse or which manufacture in Evanston will receive EBE credit of sixty (60) percent and one hundred (100) percent, respectively. Those that do not maintain a distribution warehouse or manufacturing operation but have an office in Evanston will be considered a broker and receive a five (5) percent credit.

4. Eligibility as an EBE will be periodically reviewed and may be revoked at any time if the entity no longer meets the above requirements.

INSERT: (C) Local Employment Program.

INSERT: (D) Minority, women, disadvantage, and Evanston business enterprise (M/W/D/EBE) goals.

(E) *Additional Requirements for Public Works Contracts.* All bidders for public works contracts must comply with the below specifications in bid submission and during the project for a successful bidder. The City Council may, by a majority vote of the members present, waive any of these requirements for an Evanston-owned business enterprise as defined in Subsection 1-17-1(D)(1) or a nearby business enterprise as defined in Subsection 1-17-1(E)(1).

1. *Definitions.* For the purposes of this Subsection, the following definitions apply:

<i>APPRENTICESHIP TRAINING PROGRAM.</i>	A program approved and registered by the United States Department of Labor's Office of Apprenticeship, or its successor organization, that has graduated at least five (5) apprentices in each other past five (5) years for each of the construction crafts the bidder will perform on the project. Evidence of graduation rates are not required for apprentice able crafts dedicated exclusively to the transportation of material and equipment to and from the public works project.
<i>BIDDER.</i>	A contractor that submits a bid in response to a City of Evanston request for proposal.
<i>COMMERCIALLY USEFUL FUNCTION.</i>	A business enterprise that is responsible for the execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved.
<i>NEARBY BUSINESS ENTERPRISE ("NBE").</i>	A business enterprise located within five (5) miles of Evanston City limits for a minimum of one (1) year and performs a commercially useful function.
<i>PUBLIC WORKS CONTRACT.</i>	Any construction, alteration, demolition, or repair work done under contract on City-owned property.
<i>RELIABLE, RESPONSIVE AND ACCEPTABLE</i>	A bidder who submits a bid that conforms in all material respects to the requirements and criteria in the invitation for bids. This means the bid promises to perform in the precise manner requested by the government, and any minor irregularities in the bid shall not defeat responsiveness.

2. *Excessive Pass Through Prohibited.* Any bidder must directly perform at least twenty-five (25) percent of the services identified in the project solicitation. The named bidder submitting the bid must be the entity directly performing the services. Any affiliates and/or subsidiaries shall not contribute to the minimum performance percentage required.

3. *Apprenticeship Training Program Required.*

(a) Public Works contracts for over twenty-five thousand dollars (\$25,000.00) or greater shall only be let to: (i) a contractor with evidence of participation in an

apprenticeship training program applicable to the work to be performed on the project; or (ii) a contractor who has satisfied the experience requirements under subsection (d).

(b) All contracts submitted to the City Council must identify whether the contractor meets this requirement.

(c) Required evidence of participation in an apprenticeship program includes but is not limited to a copy of all applicable apprenticeship standards and apprenticeship agreement(s) for any apprentice(s) who will perform work on the public works project; and documentation from each applicable apprenticeship program certifying that it has graduated at least five (5) apprentices in each of the past five (5) years for each construction craft the bidder will perform on the project.

(d) Contractors may alternatively satisfy this requirement by certifying that all workers who will perform work on the public works project have relevant experience in lieu of participation in an apprenticeship program. Relevant experience may include: (i) performing at least one thousand eight hundred (1,800) hours of work in the trade the worker will perform on the public works project over the preceding two (2) years; (ii) completion of an apprenticeship program in the trade the worker will perform on the public works project; or (iii) obtaining a journeyman credential in the trade the worker will perform on the public works project. Required evidence to be eligible under this section includes but is not limited to W-2 records, journeyman credentials, apprenticeship completion cards, or certificates of graduation from apprenticeship programs.

This requirement is waived if the contract is partially or completely funded from a source other than funds belonging to the City of Evanston, such as federal, state, or other grants. and (ii) the other funding source mandates terms that are inconsistent with or supersede this Section (E)(3)(d).

(e) Additional evidence of apprenticeship participation, graduation requirements, or previous experience may be requested by the City of Evanston in its discretion.

4. *Occupational Safety and Health Administration Safety Cards Required.* Prior to beginning work for the City, the bidder shall certify that all employees for the contractor that will be on the work site shall have completed a ten-hour or greater OSHA safety program. The contractor must submit copies of the employees' OSHA cards to the City prior to the project commencing.

5. *Nearby Business Enterprises.* In the absence of an Evanston business enterprise as required by City Code 1-17-1(B), the City shall award the contract for the public works

contract to the lowest bid price or lowest evaluated quote/bid price from a responsive or responsible NBE, provided that the NBE's bid price does not surpass the lowest bid price or lowest evaluated bid price from a responsible and responsible non NBE or EBE business by more than three (3) percent. This requirement is waived if the contract is partially or completely funded from a source other than funds belonging to the City of Evanston, such as federal, state, or other grants, and (ii) the other funding source mandates terms that are inconsistent with or supersede this Section (E)(5).

a. An NBE shall perform a commercially useful function.

i. To determine whether an NBE is performing a commercially useful function, the City will evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the NBE credit claimed for its performance of the work and other relevant factors.

ii. An NBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of NBE participation. In determining whether an NBE is such an extra participant, the City will examine similar transactions, particularly those in which NBEs do not participate.

iii. If an NBE does not perform or exercise responsibility for at least thirty (30) percent of the total cost of its contract with its own work force, or the NBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, then it is not performing a commercially useful function.

iv. When an NBE is presumed not to be performing a commercially useful function as provided in Subsection (B)1c of this Section, the EBE may present evidence to rebut this presumption. The City may determine that the firm is performing a commercially useful function given the type of work involved and normal industry practices.

b. In determining whether a business has been located in Evanston or within five (5) miles of Evanston City limits for one (1) year, the MWEBE Committee will consider the following:

i. Whether the vendor pays property and/or sales taxes in Evanston, or, in the case of a NBE, in a community that is within five (5) miles of City limits;
~~and~~

ii. Whether the business entity's address or the address given on the federal and/or state income tax return is within Evanston or, in the case of a NBE, in a community that is within five (5) miles of City limits; and

iii. The date of issuance of an Evanston business license or, in the case of a NBE, the date of issuance of a business license by a community located within five (5) miles of City limits.

iv. The City may waive the one-year requirement if the entity provides evidence of a substantial commitment to Evanston.

c. Businesses that maintain a distribution warehouse or which manufacture in Evanston will receive EBE credit of sixty (60) percent and one hundred (100) percent, respectively. Those that do not maintain a distribution warehouse or manufacturing operation but have an office in Evanston will be considered a broker and receive a five (5) percent credit.

d. Eligibility as an NBE will be periodically reviewed and may be revoked at any time if the entity no longer meets the above requirements.

6. *Certifications Required at Time of Bid Submittal.* All bidders, including any subcontractors included in the bid, as applicable, shall be compliant and shall submit certification of compliance with the following at the time of the bid submittal:

a. The Prevailing Wage Act, 820 ILCS 130/1 *et seq.*

i. Compliance with the Prevailing Wage Act is required for the previous five (5) years and certification that the contractor has not been found in violation of the Prevailing Wage Act by the Illinois Department of Labor; and

ii. A contractor who has been found by the Illinois Department of Labor to be in violation of the Prevailing Wage Act twice in a five-year period shall be barred from bidding for a Public Works contract for four (4) years from the date of the most recent finding from the Illinois Department of Labor.

b. The Substance Abuse Prevention on Public Works Project Act, 820 ILCS 265/1 *et seq.*

i. Compliance with the Substance Abuse Prevention on Public Works Act must include a copy of its written program for the prevention of substance abuse pursuant to the Act.

c. The Workers' Compensation Act, 820 ILCS 305/1 et seq.;

i. A copy of the applicable workers' compensation policy must be submitted to the City along with documentation of the Illinois Department of Labor registration. The bidder shall additionally certify that all employees are properly classified under the workers' compensation policy.

d. The Unemployment Insurance Act, 820 ILCS 405/100, et seq.;

i. A copy of the applicable Illinois Department of Employment Security current registration.

e. A copy of the Illinois Secretary of State's Department of Business Services online records evidencing that the bidder has a current corporate annual report on file. If the bidder is an individual, sole proprietor, or partnership, this subsection shall not apply;

f. A copy of the current registration with the Illinois Department of Revenue, if the bidder has employees;

g. A disclosure of any Federal, State or local tax liens or tax delinquencies against the bidder or any officers of the bidder in the last five (5) years;

~~h. Reserved;~~

~~h.~~ h. Compliance with the Federal Davis-Bacon Act and Related Acts, if applicable;

~~j.~~ i. Compliance with the Employee Classification Act 820 ILCS 185/1, et seq.;

i. All contractors and subcontractors shall submit certified payrolls as specified in Illinois Public Act 94-0515.

~~k.~~ j. All applicable professional or trade licensure, including documentation of said licenses, certification that all licenses are current, and disclosure of any suspension or revocation of such license held by the company, or of any director, officer or manager of the company;

~~l.~~ k. Certification of compliance with 720 ILCS 5/33E-11 and that the bidder is not barred from contracting with any unit of State or local government as a result of a violation of 720 ILCS 5/33E-3, 4;

~~n.~~ l. Certification that all individuals who perform work on behalf of the contractor are properly classified as either (i) an employee, or (ii) an independent contractor under all applicable state and federal laws and local ordinances; and

~~n.~~ m. Disclosure of any determinations by a court, State or Federal agency of violations of any federal, state or local laws, including but not limited to OSHA, contracting or antitrust laws, tax or licensing laws, environmental laws or the Federal Davis-Bacon and Related Acts.

Any bidder who fails to adhere to this Subsection shall be deemed disqualified from the bid process. If a bidder or contractor has a material change to the information provided to the City of Evanston, the bidder or contractor must notify the City within fourteen (14) days of this material change in writing. Failure to self-report a material change may result in disqualification from the bid.

7. Subcontractors. A bidder shall submit documentation including the name and address of each subcontractor from whom the bidder has accepted a bid and/or intends to hire on any part of the project. Further, each such subcontractor shall be required to adhere to the requirements set forth herein as though it were bidding directly to the City of Evanston. Each contractor shall submit all subcontractor information and supporting documentation to the City of Evanston prior to the subcontractor commencing work on the project. It shall be the responsibility of the bidder to ensure its subcontractors comply with all of the requirements of this Code, including the timely and complete submittals of all required documentation and full compliance with all obligations set forth in this Section.

8. Certification for 12-Month Period. In anticipation of bidding on a project, a contractor may submit the certifications identified in the preceding section to the City's Purchasing Manager or their designee. The Purchasing Manager or their designee shall review the certifications for completeness. Upon review, if the certifications are complete, the Purchasing Manager or their designee shall advise the contractor of same via an email address designated by the contractor. If the certifications are incomplete, the contractor shall be also notified via email and given fourteen (14) days to complete the submission. Once the certifications are completed, the contractor shall be notified of a "Certification for 12-Month Period" and shall not be required to resubmit these certifications for a period of twelve (12) months following the notification. Any material changes to these certifications shall be reported in writing to the City's Purchasing Manager or designee. In the event that these documents are still required to be submitted by a State or Federal agency that is contributing funding to a project, this provision shall not apply.

9. Projects of Similar Size and Scope. In projects in the amount of twenty-five

thousand dollars (\$25,000.00) or greater, bidders shall identify and submit documentation with their bid of relevant experience on projects of similar size and scope in the past five (5) years and submit references for same. Projects of similar size and scope shall be as further defined and outlined in the request for proposal ("RFP"). The bidder shall also identify any civil judgments, mediation or arbitration awards against it for default, breach, or damages due to delay or work inadequately performed. Information submitted pursuant to this section shall be considered in determining responsible bidders for the project at issue.

10. *Statement of Past Performance.* Bidders shall submit with their bid a record of all work performed for public bodies completed in the prior three (3) years. Such statements shall include the name of the public body, the type of work performed, the original contract price, the final contract price, the names of all subcontractors used and if liquidated damages were assessed.

11. *Public Records.* All information submitted by a successful bidder pursuant to this Section ~~are~~ is subject to review pursuant to the Illinois Freedom of Information Act (5 ILCS 140/1 *et seq.*).

INSERT (F) Contractor Debarment, Suspension, and Prohibited Contracts

SECTION 2: All ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 3: If any provision of this Ordinance or application thereof to any person or circumstance is held unconstitutional or otherwise invalid, such invalidity shall not affect other provisions or applications of this Ordinance that can be given effect without the invalid application or provision, and each invalid application of this Ordinance is severable.

SECTION 4: This Ordinance shall be in full force and effect beginning upon passage.

SECTION 5: The findings and recitals contained herein are declared to be prima facie evidence of the law of the City and shall be received in evidence as provided by the Illinois Compiled Statutes and the courts of the State of Illinois.

Introduced: _____ February 9, 2026

Adopted: _____ February 9, 2026

Approved:

_____ February 10, 2026


box SIGN 4LR35Q59-46V7LZRJ

Daniel Biss, Mayor

Attest:


box SIGN 1RXPY3KL-46V7LZRJ

Stephanie Mendoza, City Clerk

Approved as to form:


box SIGN 1VWVZ88Z-46V7LZRJ

Alexandra B. Ruggie, Corporation Counsel

SECTION 1: Title 1, Chapter 17, "Contracts with the City," is hereby amended as follows:

(C) Local Employment Program.

(D) Minority, women, disadvantage, and Evanston business enterprise (M/W/D/EBE) goals.

(F) Contractor Debarment, Suspension, and Prohibited Contracts.

(C) Local Employment Program.

1. *Definitions.* For the purposes of this Subsection (C), the employment program, the following terms shall be defined as follows:

CONTRACT.	The written agreement to provide services established between the City and a contractor, including, but not limited to, a redevelopment agreement between the City and any contractor or party.
CONTRACTOR.	An individual, partnership, corporation, joint venture or other legal entity entering into a contract, or a subcontract of whatever tier, for a public works project.
DESK REVIEW.	A method of monitoring compliance with the local employment program in which the Business and Workforce Development
	Coordinator contacts a contractor or subcontractor to gather relevant information or request relevant documentation.
EMERGENCY WORK.	Work necessitated by an imminent threat to the property of the city or the health, safety, or welfare of its citizens.
GENERAL CONTRACTOR.	An entity that enters into a contract directly with the city. The general contractor may also be known as the prime contractor.
LOCAL RESIDENT DATABASE.	A database maintained by the City's Business and Workforce Development Coordinator containing the names of local residents who have expressed interest in employment on City public works projects.
NEW HIRE.	Any employee of a contractor who is not listed on the contractor's last quarterly tax statement and was hired prior to or during the commencement of work on a public works project contract subject to the requirements of the local employment program.
ON SITE MONITORING.	The Business and Workforce Development Coordinator's act of visiting the site of a public works project to ensure compliance with the requirements of the local employment program.
PUBLIC WORKS PROJECT.	Any construction, alteration, demolition, or repair work done under contract and paid for in whole or in part from City funds.
RESIDENT.	Any person whose domicile is in the City. The domicile is an individual's one and only true, fixed and permanent home and principal establishment. In order to qualify as a resident for purposes of the local employment program, an individual must have established domicile within the City at least thirty (30) days prior to commencing work on any public works project subject to the local employment program.
SUBCONTRACT.	A contract that exists between the general contractor and a subcontractor or between subcontractors of any tier.
SUBCONTRACTOR.	An entity that enters into a contract with the general contractor or another subcontractor.
TIER.	The level of relationship to the prime contractor of a subcontractor who enters into a contract under a prime contractor or another subcontractor to perform a portion of the work on a project.

2. *Work hours and new hire requirements.*

- a. Unless prohibited by federal, state, or local law, all contractors entering into contracts with the City for public works projects valued at two hundred fifty thousand dollars (\$250,000.00) shall ensure that:
 - 1) Fifteen percent (15%) of the total work hours are performed at the construction site by City of Evanston residents, as laborers and/or trade persons; and
 - 2) A minimum of one (1) Evanston resident is hired.

- b. The effectiveness of the local employment program regarding the minimum percentage of work hours and residents hired will be evaluated by city staff after two (2) years of implementation.
 - c. These requirements shall bind the contractor both with respect to persons working directly for the contractor and to subcontractors, regardless of tier or phase of the project, hired to perform any portion of the contracted work. The contractor shall ensure that subcontractors comply with the requirements of the local employment program. It shall be the responsibility and obligation of the contractor that all contracts are in overall compliance with this Subsection (C) and all the requirements listed herein.
 - d. Requirements of the local employment program are satisfied if the contractor already employs Evanston residents sufficient to meet fifteen percent (15%) of the project's total work hours. Some or all of these requirements may be waived if a waiver is obtained from the City pursuant to Subsection (C)5. of this Section.
- 3. *Contracts, bid documents, subcontracts.* Where appropriate and consistent with law, contracts and bid documents shall incorporate the local employment program by reference and shall provide that the failure of any contractor or subcontractor to comply with any of its requirements shall be deemed a material breach of the contract or subcontract entitling the City to all the remedies and damages available for material breach of a contract. All subcontracts shall expressly acknowledge the City's status as a third party beneficiary to the subcontract and further expressly acknowledge that the City, as a third party beneficiary, shall have the right to enforce the provisions of the local employment program. Contracts and bid documents shall require bidders, contractors and subcontractors to maintain records necessary for monitoring their compliance with the local employment program.
- 4. *Automatic review.* This Subsection (C) shall be reviewed to address any deficiencies on a bi-annual basis by the Minority, Women and Evanston Business Enterprise Development Committee.
- 5. *Waiver.*
 - a. The contractor may request that the Business and Workforce Development Coordinator waive all or a portion of the requirements imposed under the local employment program. Such requests must be in writing and must be received by the Business and Workforce Development Coordinator prior to the award of any public works project contract. In order to apply for a waiver, the contractor must submit:
 - 1) Documentation to the Business and Workforce Development Coordinator demonstrating that:
 - a) The contractor utilized the local resident database to attempt to satisfy the local employment program hiring requirement.

- b) The contractor notified residents of the employment opportunities available for the project. Such notification must have appeared in the employment section of a newspaper of local general circulation. Additionally, the Illinois department of employment security's office located in Evanston, Illinois, must have been notified of the employment opportunities. All notices must have stated that all qualified applicants would receive consideration without regard to race, color, religion, sex or national origin.
 - c) The contractor, for a contract utilizing union labor, contacted in writing Chicagoland labor unions to request a resident for employment on the project.
 - 2) Any additional documents requested by the Business and Workforce Development Coordinator in order to evaluate the waiver request.
- 6. *Business and Workforce Development Coordinator.*
 - a. The Business and Workforce Development Coordinator shall determine, based on the required documentation and conditions cited by the contractor that make compliance unfeasible, whether to grant the waiver prior to the award of the contract. Examples of such conditions include, but are not limited to:
 - 1) Intermittent service by one (1) trade throughout the life of the project.
 - 2) Nonavailability of resident(s) necessary to fulfill craft position(s) required for the project.
 - b. If circumstances arise subsequent to the issuance of the contract, the results of which the contractor believes will prevent satisfying the local employment program requirements, the contractor will immediately notify the Business and Workforce Development Coordinator by requesting in writing a waiver of the percentage that cannot be met. The Business and Workforce Development Coordinator or his or her designee shall meet with the applicant as necessary and issue a decision within five (5) business days, including a determination as to any retroactive liability for failure to achieve the goals for work undertaken prior to the application for such a waiver.
- 7. *Local resident selection.* It is the contractor's responsibility to meet the requirement of the local employment program. In order to satisfy the work hours and/or new hire requirements of the local employment program, contractors working under a collective bargaining agreement shall contact the appropriate local union hall to request a resident. If a resident is not available for dispatch by that union hall, the contractor shall contact the Business and Workforce Development Coordinator or his or her designee to request an available Evanston resident. The Business and Workforce Development Coordinator or his or her designee will thereafter provide the name of a resident matching the qualifications defined by the contractor to the local union

hall and that resident will be dispatched to the contractor within three (3) business days in accordance with the lawful hiring hall rules of the respective union. Failure of the Business and Workforce Development Coordinator to provide an individual shall not relieve the contractor from their responsibility to comply with the local employment program.

In order to satisfy the work hours and/or new hire requirement of the local employment program, contractors working in the absence of a collective bargaining agreement shall contact the Business and Workforce Development Coordinator or his or her designee to request an available Evanston resident from the local resident database. The Business and Workforce Development Coordinator or his or her designee will provide the name of a resident matching the qualifications identified by the contractor within three (3) business days.

8. *Reporting requirements.* The contractor shall submit reports as required by the City in order to comply with the local employment program. These reports may include weekly certified payroll records for all crafts within five (5) working days of the end of each payroll period. Additionally, the City may require a weekly or monthly summary of the information that would be obtainable from the certified payroll regarding local hire by craft. These reports, if required, must show the person-hours on a laborer and/or trade person basis and, in the case of certified payroll records, identify the address, new hires, and trade and status journey person or apprentice of all employees on the project. All reports must have an original signature and be signed by an authorized officer of the company under penalty of perjury. The City will make a copy of all required forms available to contractors.

Nothing in the local employment program is intended to eliminate the requirement of a contractor to maintain certified payrolls or of the subcontractors to provide certified payrolls to the contractor, or for any contractor to provide certified payrolls to any party that requests them, as required under Illinois state law.

9. *Monitoring.* The Business and Workforce Development Coordinator or his or her designee will monitor compliance with the requirements of the local employment program by means including, but not limited to, desk reviews or on site monitoring. Audits of compliance may require the review of documents such as certified payrolls, canceled checks, or quarterly wage and withholding reports. Full scale investigations of noncompliance or violations will be on an as needed basis as determined by the Business and Workforce Development Coordinator.

A contractor that fails to provide requested documents or misrepresents material facts in such documents shall be deemed to be noncompliant with the local employment program.

10. *Post-award meeting.* At its discretion, the Business and Workforce Development Coordinator or his or her designee may require the contractor to attend a post-award meeting to familiarize the contractor with the local employment program requirements and to identify the individual by position

and name if available. If requested by the contractor post-award, or at any time during the project, the City shall hold such a meeting within ten (10) business days.

11. *Penalty.* If the contractor or subcontractor should fail to meet the total percentage of resident project hours for any reason, without having received a waiver as outlined in Subsection (C)5. above, the City may impose a fine up to one percent (1.0%) of the approved project price in total. Contractors or subcontractors that are out of compliance due to a resident termination or resignation, shall immediately notify the Business and Workforce Development Coordinator of this occurrence within two (2) business days. Subsequently, the contractor or subcontractor shall have five (5) additional business days to replace a terminated or resigned worker with another resident. If the contractor or subcontractor fails to make the replacement or to notify the Business and Workforce Development Coordinator of this occurrence, the offending party will also be subject to a penalty up to one percent (1.0%) of the approved project price. If the noncompliant contractor makes a good faith effort to replace the resident, the fine may be waived.

At the sole discretion of the City, a contractor or subcontractor that has violated the terms of the local employment program within a three-year period may be determined a non-responsible bidder and excluded from bidding on future projects for a period of not less than one (1) year.

At the sole discretion of the City, an employee that has been hired through the LEP may be removed from the program for a period of not less than one (1) year for failing to adhere to program guidelines or due to termination by the contractor for cause. Such termination process will be reviewed by the Business and Workforce Development Coordinator.

12. *Workforce reserve account.* The City shall establish a reserve account for the deposit of all penalty funds within the general fund. This account may be utilized for the support of the LEP and other workforce development programs as follows:
 - The MWEBE Committee shall receive a report on the balance of penalty funds as of the end of the fiscal year no later than March 31 after the close of that year.
 - The MWEBE Committee shall recommend utilization of these funds for placement in the next year's proposed budget in accordance with current LEP and workforce development program goals.
 - Both program goals and recommended expenditure of funds will be subject to approval by the City Council.

(D) *Minority, women, disadvantage, and Evanston business enterprise (M/W/D/EBE) goals.*

1. *Definitions.* For the purposes of this Subsection (D), Minority, Women, Disadvantage, and Evanston Business Enterprise (M/W/D/EBE) Goals, the following terms shall be defined as follows:

<i>DISADVANTAGE-OWNED BUSINESS ENTERPRISE or DBE.</i>	A firm must be at fifty-one percent (51%) owned by one (1) or more disadvantaged individual (socially and economically) or, in the case of a publicly-held corporation, fifty-one percent (51%) of the stock of which is owned by one (1) or more disadvantaged individual (socially and economically) whose management and daily business operations are controlled by one (1) or disadvantaged individual (socially and economically). The City Manager or his or her designee shall determine which DBE certifications shall be accepted by the City.
<i>EVANSTON-OWNED BUSINESS ENTERPRISE or EBE.</i>	An entity which is located in or has one (1) or more offices located in the City for a minimum of one (1) year and which performs a "commercially useful function." The business must be certified by the City in accordance with the provisions of Section 1-17-1(B).
<i>MINORITY-OWNED BUSINESS ENTERPRISE or MBE.</i>	A business which is at least fifty-one percent (51%) owned by one (1) or more members of one (1) or more minority groups, or, in the case of a publicly-held corporation, at least fifty-one percent (51%) of the stock of which is owned by one (1) or more members of one (1) or more minority groups, whose management and daily operations are controlled by one (1) or more members of one (1) or more minority groups. The City Manager or his or her designee shall determine which MBE certifications shall be accepted by the City.
<i>M/W/D/EBE GOALS.</i>	The City of Evanston establishes the goal of awarding not less than twenty-five percent (25%) of its contract awards to MBE, WBE, DBE and EBE businesses. The City of Evanston establishes the goal of awarding not less than three percent (3%) utilization of EBEs in its contract awards. The provisions of this Section shall be implemented by the City Manager or his or her designee. The provisions of this Section do not guarantee contract participation.
<i>WOMEN-OWNED BUSINESS ENTERPRISE or WBE.</i>	A business which is at least fifty-one percent (51%) owned by one (1) or more women, or, in the case of a publicly-held corporation, fifty-one percent (51%) of the stock of which is owned by one (1) or more women, whose management and daily business operations are controlled by one (1) or more women. The City Manager or his or her designee shall determine which WBE certifications shall be accepted by the City.

2. A minority-owned business enterprise ("MBE"), women-owned business enterprise ("WBE"), or disadvantage-business enterprise ("DBE") (collectively, "M/W/D/BE") must perform a "commercially useful function."
 - a. A M/W/D/BE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the M/W/D/BE

must also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself. To determine whether an M/W/D/BE is performing a commercially useful function, the City will evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the M/W/D/BE credit claimed for its performance of the work and other relevant factors.

- b. A M/W/D/BE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of M/W/D/BE participation. In determining whether a M/W/D/BE is such an extra participant, the City will examine similar transactions, particularly those in which M/W/D/BE's do not participate.
 - c. If a M/W/D/BE does not perform or exercise responsibility for at least thirty percent (30%) of the total cost of its contract with its own work force, or the M/W/D/BE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, then it is not performing a commercially useful function.
 - d. When an M/W/D/BE is presumed not to be performing a commercially useful function as provided in Subsection (D)(2)(c) of this Section, the M/W/D/BE may present evidence to rebut this presumption. The City may determine that the firm is performing a commercially useful function given the type of work involved and normal industry practices.
3. Businesses that maintain a distribution warehouse or manufacturing operation will receive M/W/D/BE credit of sixty percent (60%). Those that do not maintain a distribution warehouse or manufacturing operation will be considered a broker and receive a five (5) percent credit.
4. Eligibility as a M/W/D/BE will be periodically reviewed and may be revoked at any time if the entity no longer meets the above requirements.

(E) (F) Contractor Debarment, Suspension, and Prohibited Contracts.

1. *Definitions.* For the purposes of this Subsection, the following definitions apply:

<i>CITY MANAGER.</i>	The City of Evanston City Manager or his/her designee.
<i>CONTRACTOR.</i>	A person, partnership, corporation, or other entity that has contracted with, or is seeking to contract with, the City to construct a public improvement, to provide goods to, or perform services for or on behalf of the City. A contractor includes a contractor, subcontractor, vendor, or any person or entity who or which owns an interest of ten percent (10%) or more in a contractor, subcontractor, or vendor.
<i>DEBARMENT.</i>	An action taken by the City which results in a contractor being prohibited from bidding or proposing on, being awarded or performing work on a contract with the City. A contractor who has been determined by the City to be subject to such a prohibition is debarred.

2. *Effect of Debarment or Suspension.* A debarred or suspended contractor is prohibited from bidding or proposing or being awarded or performing work on a contract with the City during the period of debarment or suspension.
3. *Debarment or Suspension.* The City Manager is authorized to debar or suspend a contractor for just cause. The period of debarment or suspension will be determined by the City Manager in consultation with the Corporation Counsel, on a case by case basis. Debarment or suspension may be lifted for good cause shown. Reasons for debarment or suspension include, but are not limited to, the following:
- Commission of fraud or a criminal offense as an incident to obtaining or attempting to obtain a public or private contract or subcontract or in the performance of such a contract or subcontract;
 - Conviction or indictment under a State or Federal statute of embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property, or any other offense indicating a lack of business integrity or business honesty which affects responsibility as a vendor or contractor;
 - Conviction or indictment under a State or Federal antitrust statute;
 - A finding by a State or Federal agency with statutory authority to adjudicate civil rights violations, or by a judge or jury in a State or Federal

- court of competent jurisdiction, that the vendor or contractor has violated State or Federal civil rights statutes in its hiring or business practices;
- e. Failure or default without good cause to perform in accordance with the terms of any contract and the associated supporting documents or unsatisfactory performance of any contract and the associated supporting documents with the City;
 - f. Disqualification or rejection of a bid by the vendor on three (3) or more occasions within a three (3) year period;
 - g. Commission of an act or omission indicating a lack of business integrity or business honesty;
 - h. Debarment, disqualification or suspension by another government entity for any reason; or
 - i. Any Federal or State funding that, by law, rule, or regulation, precludes the City from paying a contractor from those funding.
4. *Procedure.* Before a contractor is debarred or suspended, written notice of debarment or suspension must be provided to that contractor. Such notice must apprise the contractor of the reasons for the debarment or suspension and must inform the contractor of the right to be heard before the City Manager. The City Manager must grant a reasonable opportunity for the debarred or suspended contractor to be heard on the issue of said disbarment or suspension, if the contractor submits a request in writing within seven (7) calendar days of the mailing of the written notice. The City Manager will make a final determination after consulting with Corporation Counsel.
5. *Assignment of Contracts.* No contract will be assigned or sublet by the successful bidder without the consent of the City Manager.
6. *Prohibited Bidders and Contractors.*
- a. Unless otherwise provided, no contractor will bid or enter into a contract or subcontract under this Subsection if the business or any officer, director, partner, or other managerial agent of the business has been convicted of a felony under the Sarbanes-Oxley Act of 2002 or a Class 3 or Class 2 felony under the Illinois Securities Law of 1953 for a period of five (5) years from the date of conviction.
 - b. Every bid submitted to and contract executed by the City and every subcontractor will contain a certification by the bidder, contractor, or subcontractor, respectively, that the bidder, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the City Manager will declare the related contract void if any of the certificates completed pursuant to this Subsection (b) are false.
7. *Debt Delinquency.*

- a. No person will submit a bid for or enter into a contract or subcontract under this Section if that person knows or should know that they or any affiliate is delinquent in the payment of any debt to the City, unless the person or affiliate has entered into a deferred payment plan to pay off the debt.
 - b. Every bid submitted to and contract executed by the City and every subcontract will contain a certification by the bidder, contractor, or subcontractor, respectively, that the contractor or the subcontractor and its affiliate is not barred from being awarded a contract or subcontract under this Section and acknowledges that the City Manager may declare the related contract void if any of the certifications completed pursuant to this Subsection (b) are false.
8. *Voidable Contracts.*
- a. If any contract or amendment is entered into or purchase or expenditure of funds is made at any time in violation of this Subsection or any other law, the contract or amendment may be declared void by the City Manager or may be ratified and affirmed, provided the City Manager determines that ratification is in the best interests of the City. If the contract is ratified and affirmed, it will be without prejudice to the City's rights to any appropriate damages.
 - b. If, during the term of a contract, the City Manager determines that the contractor is delinquent in the payment of debt as set forth in Subsection 1-17-1(E)(7), the City Manager, or his/her designee, may declare the contract void if he/she determines that voiding the contract is in the best interests of the City.
 - c. If, during the term of a contract, the City Manager determines that the contractor is in violation of Subsection 1-17-1(E)(6), the City Manager will declare the contract void.
 - d. If, during the term of a contract, the contracting agency learns from an annual certification or otherwise determines that the contractor no longer qualifies to enter into City contracts under this Section, the City Manager may declare the contract void if he/she determines that voiding the contract is in the best interests of the City.

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						Overtime										
Trade Title	Rg	Type	C	Base	Foreman	M-F	Sa	Su	Hol	H/W	Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed
ASBESTOS ABT-GEN	All	ALL		53.00	54.00	1.5	1.5	2.0	2.0	19.86	18.34	0.00	0.91		0.00	0.00
ASBESTOS ABT-MEC	All	BLD		43.52	47.00	1.5	1.5	2.0	2.0	17.84	16.75	0.00	1.01		3.42	6.84
BOILERMAKER	All	BLD		62.06	67.64	2.0	2.0	2.0	2.0	7.07	27.81	0.00	3.69	2.72	0.00	40.50
BRICK MASON	All	BLD		54.81	60.29	1.5	1.5	2.0	2.0	14.74	25.51	0.00	1.59	0.00	13.05	17.40
CARPENTER	All	ALL		58.51	60.51	1.5	1.5	2.0	2.0	14.49	28.26	3.03	1.04		0.00	0.00
CEMENT MASON	All	ALL		57.10	60.60	2.0	1.5	2.0	2.0	18.50	24.00	0.00	1.25		2.50	5.00
CERAMIC TILE FINISHER	All	BLD		51.09	51.09	1.5	1.5	2.0	2.0	14.00	18.32	0.00	1.41	0.00	17.32	23.08
CERAMIC TILE LAYER	All	BLD		59.44	64.44	1.5	1.5	2.0	2.0	14.00	22.43	0.00	1.54	0.00	23.67	31.56
COMMUNICATION ELECTRICIAN	All	BLD		53.64	59.00	1.5	1.5	2.0	2.0	18.29	15.05	1.50	1.29	0.05	0.00	0.00
CONCRETE SPECIALIST	All	BLD		53.56	60.18	1.5	1.5	2.0	2.0	14.74	26.81	0.00	1.59	0.00	15.00	20.00
CONCRETE SPECIALIST WELDER	All	BLD		56.24	60.18	1.5	1.5	2.0	2.0	14.74	26.81	0.00	1.59	0.00	15.00	20.00
ELECTRIC PWR EQMT OP	All	ALL		67.18	73.73	1.5	1.5	2.0	2.0	12.99	23.34	0.00	3.69	0.00	0.00	0.00
ELECTRIC PWR GRNDMAN	All	ALL		52.40	73.73	1.5	1.5	2.0	2.0	10.13	18.20	0.00	2.87	0.00	0.00	0.00
ELECTRIC PWR LINEMAN	All	ALL		67.18	73.73	1.5	1.5	2.0	2.0	12.99	23.34	0.00	3.69	0.00	0.00	0.00
ELECTRICIAN	All	ALL		63.15	69.47	1.5	1.5	2.0	2.0	20.35	22.14	0.00	1.97	0.10	0.00	0.00
ELEVATOR CONSTRUCTOR	All	BLD		73.65	82.86	2.0	2.0	2.0	2.0	16.37	21.76	5.89	0.85		0.00	0.00
FENCE ERECTOR	All	ALL		53.73	56.73	1.5	1.5	2.0	2.0	14.79	19.77	0.00	1.00	0.00	0.00	0.00
GLAZIER	All	BLD		55.35	56.85	1.5	2.0	2.0	2.0	16.54	27.36	0.00	2.35	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		58.02	61.50	1.5	1.5	2.0	2.0	17.84	20.05	0.00	1.01		5.07	10.14
IRON WORKER	All	ALL		64.19	67.69	2.0	2.0	2.0	2.0	19.80	28.60	0.00	0.44	0.00	0.00	0.00
LABORER	All	ALL		53.00	53.75	1.5	1.5	2.0	2.0	19.86	18.34	0.00	0.91		0.00	0.00
LATHER	All	ALL		58.51	60.51	1.5	1.5	2.0	2.0	14.49	28.26	3.03	1.04		0.00	0.00
MACHINIST	All	BLD		61.89	65.89	1.5	1.5	2.0	2.0	14.43	9.95	1.85	1.47		0.00	0.00
MARBLE FINISHER	All	ALL		41.74	56.44	1.5	1.5	2.0	2.0	14.74	22.81	0.00	1.01	0.00	9.00	12.00
MARBLE SETTER	All	BLD		53.75	59.13	1.5	1.5	2.0	2.0	14.74	24.78	0.00	1.27	0.00	11.96	15.94
MATERIAL TESTER I	All	ALL		43.00		1.5	1.5	2.0	2.0	19.86	18.34	0.00	0.91		0.00	0.00

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MATERIALS TESTER II	All	ALL		48.00		1.5	1.5	2.0	2.0	19.86	18.34	0.00	0.91		0.00	0.00
MILLWRIGHT	All	ALL		58.51	60.51	1.5	1.5	2.0	2.0	14.49	28.26	3.03	1.04		0.00	0.00
OPERATING ENGINEER	All	BLD	1	68.80	72.80	2.0	2.0	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	2	67.50	72.80	2.0	2.0	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	3	64.95	72.80	2.0	2.0	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	4	63.20	72.80	2.0	2.0	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	5	72.55	72.80	2.0	2.0	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	6	69.80	72.80	2.0	2.0	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	7	71.80	72.80	2.0	2.0	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	1	78.55	78.55	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.90	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	2	77.05	78.55	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.90		0.00	0.00
OPERATING ENGINEER	All	FLT	3	72.55	78.55	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.90	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	4	68.05	78.55	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.90	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	5	80.05	78.55	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.90	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	6	68.05	78.55	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.90	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	1	67.00	71.00	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	2	66.45	71.00	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	3	64.40	71.00	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	4	63.00	71.00	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	5	61.80	71.00	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	6	70.00	71.00	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	7	68.00	71.00	1.5	1.5	2.0	2.0	25.95	22.30	2.00	2.80	0.00	0.00	0.00
ORNAMENTAL IRON WORKER	All	ALL		61.36	65.36	2.0	2.0	2.0	2.0	15.36	28.70	0.00	2.40	0.00	0.00	0.00
PAINTER	All	ALL		56.30	63.34	1.5	1.5	1.5	2.0	16.86	18.24	0.00	1.86	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		48.16	54.11	1.5	1.5	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PILEDRIIVER	All	ALL		58.51	60.51	1.5	1.5	2.0	2.0	14.49	28.26	3.03	1.04		0.00	0.00
PIPEFITTER	All	BLD		59.50	62.50	1.5	1.5	2.0	2.0	16.00	23.85	0.00	2.87	0.00	0.00	0.00
PLASTERER	All	BLD		54.98	58.28	1.5	1.5	2.0	2.0	18.50	22.10	0.00	1.25		0.00	0.00
PLUMBER	All	BLD		62.00	65.70	1.5	1.5	2.0	2.0	20.85	18.00	0.00	2.17		0.00	0.00

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ROOFER	All	BLD		53.75	58.75	1.5	1.5	2.0	2.0	12.95	18.19	0.00	1.14	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		56.85	62.54	1.5	1.5	2.0	2.0	17.81	29.20	0.00	1.25	0.00	0.00	0.00
SIGN HANGER	All	BLD		37.62	40.63	1.5	1.5	2.0	2.0	7.85	4.90	0.00	0.00	0.00	0.00	0.00
SPRINKLER FITTER	All	BLD		63.20	65.95	1.5	1.5	2.0	2.0	15.45	19.95	0.00	1.15	0.00	0.00	0.00
STEEL ERECTOR	All	ALL		64.19	67.69	2.0	2.0	2.0	2.0	19.80	28.60	0.00	0.44	0.00	0.00	0.00
STONE MASON	All	BLD		54.81	60.29	1.5	1.5	2.0	2.0	14.74	25.51	0.00	1.59	0.00	13.05	17.40
SURVEY WORKER	All	BLD		60.00	61.00	1.5	1.5	2.0	2.0	20.50	14.95	0.00	1.59		0.00	0.00
SURVEY WORKER	All	HWY		60.00	61.00	2.0	2.0	1.5	1.5	20.50	14.95	0.00	1.59		0.00	0.00
TERRAZZO FINISHER	All	BLD		53.44	53.44	1.5	1.5	2.0	2.0	14.00	19.59	0.00	1.14	0.00	13.89	18.52
TERRAZZO MECHANIC	All	BLD		57.35	60.85	1.5	1.5	2.0	2.0	14.00	20.97	0.00	1.50	0.00	14.63	19.50
TRAFFIC SAFETY WORKER I	All	HWY		44.65	46.65	1.5	1.5	2.0	2.0	11.00	10.33	0.00	1.05	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	ALL	HWY		45.65	47.65	1.5	1.5	2.0	2.0	11.00	10.33	0.00	1.05	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	1	47.55	48.20	1.5	1.5	2.0	2.0	13.50	16.34	0.00	0.35	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	2	47.80	48.20	1.5	1.5	2.0	2.0	13.50	16.34	0.00	0.35	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	3	48.00	48.20	1.5	1.5	2.0	2.0	13.50	16.34	0.00	0.35	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	4	48.20	48.20	1.5	1.5	2.0	2.0	13.50	16.34	0.00	0.35	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	1	46.23	46.78	1.5	1.5	2.0	2.0	12.70	17.11	0.00	0.35	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	2	46.38	46.78	1.5	1.5	2.0	2.0	12.70	17.11	0.00	0.35	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	3	46.58	46.78	1.5	1.5	2.0	2.0	12.70	17.11	0.00	0.35	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	4	46.78	46.78	1.5	1.5	2.0	2.0	12.70	17.11	0.00	0.35	0.00	0.00	0.00
TUCKPOINTER	All	BLD		53.53	54.53	1.5	1.5	2.0	2.0	12.05	23.73	0.00	1.48	0.00	0.00	0.00

Legend

Rg Region

Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

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H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date. ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

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Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-

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Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S

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Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

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Class 6. ROV Pilot, ROV Tender

SURVEY WORKER

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking.

SURVEY FOREMAN

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking; oversees survey crew operations; and/or coordinates work of survey crews.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnpulls or Turntrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump

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Turntrailers or turnpulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

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City of Evanston has partnered with **Euna OpenBids** – an online network connecting local governments with suppliers across the nation. Euna OpenBids is open and accessible to all businesses. Euna OpenBids gives you instant access to RFPs, bids, quotes, and other opportunities with City of Evanston.

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STEP 1

CHOOSE YOUR FREE AGENCY

Type "City of Evanston" in the Search Box, select the agency, then click "Next".

1 of 4: Choose your free agency

A great way to find out about new opportunities on OpenBids is to subscribe to a government agency. To get started, please choose your first (free!) agency. You'll have a chance to sign up for more in just a moment.

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Get notifications – ones that are relevant to your business by describing what you offer via “commodity codes”

2 of 4: Refine Bid Notifications**What are commodity codes?**

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Click “Continue without Adding Subscriptions” to proceed to City of Evanston specifically. Or, if you’d like to get notifications when other governments near you post a relevant solicitation, you can select any combination of our county, state or national plans on this page.

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Enter your contact and company information and Click “Finish Registration”. You’ll receive an email to set up your password.

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4 of 4: Complete your profile

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