



ADDENDUM 1

PROJECT NAME: APACHE CREEK LINEAR PARK LIGHTING UPGRADES

DATE: September 11, 2020

This Addendum 1 shall be included in and considered part of the solicitation documents for the construction of the Apache Creek Linear Park Lighting Upgrades Project. Contractor shall be required to acknowledge this Addendum to submit a bid.

PROJECT NO: 29652000

A. General Comments:

1. Forms added:

- i. Uploaded 050.01 SBEDA Guidelines
- ii. Uploaded Subcontractor/Supplier Utilization Plan

2. Revised CivCast Bid Form. See below for summary of revisions.

REPLACE the following bid tab item:				
Section Title	Item No.	Bid Item Description	Units	Qty.
Alternate 1	12	New Work - purchase and install Light Fixtures in Area 3	EA	19
Alternate 1	13	New Work - purchase and install Light Poles in Area 3	EA	19

ADD the following bid tab item:				
Section Title	Item No.	Bid Item Description	Units	Qty.
Base Bid Item	10	New Work - concrete base (see Sheet S1.1 on drawings for dimensions and details)	EA	45
Alternate 1	19	New Work - concrete base (see Sheet S1.1 on drawings for dimensions and details)	EA	19
Alternate 2	29	New Work - concrete base (see Sheet S1.1 on drawings for dimensions and details)	EA	10
Alternate 3	39	New Work - concrete base (see Sheet S1.1 on drawings for dimensions and details)	EA	11

3. Revision to Plans

- i. RE: Plan Sheet ESD1.1:
 - a. Item 1: Revised key note 1.
 - b. Item 2: Added key note 3.
 - c. Item 2: Revised general note 7.



- ii. RE: Plan Sheet ESD1.2:
 - a. Item 1: Revised key note 1.
 - b. Item 2: Added key note 3.
- iii. RE: Plan Sheet ESD1.3:
 - a. Item 1: Revised key note 1.
 - b. Item 2: Added key note 3.
- iv. RE: Plan Sheet ESD1.4A:
 - a. Item 1: Revised key note 1.
- v. RE: Plan Sheet ESD1.4B:
 - a. Item 1: Revised key note 1.
- vi. RE: Plan Sheet ESD1.5:
 - a. Item 1: Revised key note 1.
 - b. Item 2: Added key note 4.
- vii. RE: Plan Sheet ESD1.6:
 - a. Item 1: Revised key note 1 and 2.
- viii. RE: Plan Sheet ES1.1:
 - a. Item 1: Revised key note 5.
 - b. Item 2: Added note to contractor regarding pole base location, as indicated.
- ix. RE: Plan Sheet ES1.2:
 - a. Item 1: Revised key note 5.
 - b. Item 2: Revised fixture type, as indicated.
 - c. Item 3: Added note to contractor regarding pole base location, as indicated.
- x. RE: Plan Sheet ES1.3:
 - a. Item 1: Revised key note 5.
 - b. Item 2: Revised fixture type, as indicated.
 - c. Item 3: Added note to contractor regarding pole base location, as indicated.
- xi. RE: Plan Sheet ES1.4A:
 - a. Item 1: Added note to contractor regarding pole base location, as indicated.
- xii. RE: Plan Sheet ES1.4B:
 - a. Item 1: Added note to contractor regarding pole base location, as indicated.
- xiii. RE: Plan Sheet ES1.5:
 - a. Item 1: Revised key note 5.
 - b. Item 2: Added note to contractor regarding pole base location, as indicated.
- xiv. RE: Plan Sheet ES1.6:
 - a. Item 1: Added note to contractor regarding pole base location, as indicated.

B. PROJECT QUESTIONS:

1. Can you provide an IES file for the "Type 1 Short Automotive" distribution for the specified fixture?
 - Answer: IES File can be provided post award.
2. Fixture types A and B appear on sheets ES1.2 and ES1.3 but not on light fixture schedule. Can you please clarify?
 - Answer: See addendum 01 for updated drawings.
3. Materials testing is not a part of specifications. Will this be a requirement for concrete pole bases?
 - Refer to Note 6 on Sheet S1.1, in Concrete and Concrete Reinforcement section.
4. Various trees along the trail are tagged. Some areas are difficult for equipment to access. Will tree pruning be allowed to access difficult areas?
 - Answer: By COSA
5. Some existing poles along the trail have no street access and are only accessible through private property. Will COSA assist in coordinating access with private property owners?
 - Answer: By COSA
6. Sheet ESD1.1 - Demolition note #7 - salvaged items should be returned to the owner - Are there any demolished items the owner would like? If so what is the designated storage facility where they are to be delivered?
 - Answer: Key note #7 has been revised on sheet ESD1.1. See addendum 01
7. Throughout the project various areas of the trail will be affected by equipment tire tracks, etc. Plans call for restoration of lay-down areas to be used for the project but there is no mention of access damage restoration. To what extent will this restoration be necessary?
 - Answer: All areas damaged are to be returned to pre-project conditions, as a minimum.
8. Sheet S1.1 - Detail #1 - shows a depth of 14 ft for each pole base. This is not standard on 30ft light poles. Is a Geotechnical soils boring report available?
 - Answer: See structural notes.
9. Will a traffic control plan be a requirement for this project?
 - Answer: By COSA
10. Demolition Keyed note #1 - Remove associated pole base in its entirety - What is the depth of the existing pole bases?
 - Answer: See revised key note #1 on demolition sheets in addendum 01.
11. Will new pole bases be installed in the same location as demolished pole bases? if so what are the backfill and compaction requirements of demolished pole bases?
 - Answer: Not in same location. Minimum of 6'-0" apart from center of old base to center of new base.
12. Are we okay to bore as much of it as we want?
 - Answer: Need more clarification on this question.
13. Do we need to bore underneath existing drip lines?
 - Answer: Need more clarification on this question.
14. Do the old poles need to be removed all the way down to the bottom? or just below grade?

- Answer: See revised key note #1 on demolition sheets in addendum 01.
15. What kind of safety is recommended? around the drilled poles?
- Answer: Contractor's responsibility to protect the public during project.
16. Staging area (safely)?
- Answer: Need more clarification on this question.
17. Will the demolished concrete be required to be removed by the contractor?
- Answer: Yes, by the contractor. See revised key note 1 on demolition sheets for additional information. See addendum 01.
18. Will the City be accepting equivalent models for LED lighting?
- Answer: The contractor is allowed to submit an alternate fixture. The fixture specified in plans are as the basis of design. The fixture submitted by the contractor need to match the appearance and electrical and lighting characteristics of the selected fixtures, including the photometric & lighting control requirements. These alternate submittals will require complete photometrics in Autocad format. The review process will take place during the Submittal phase. Refer to Exterior Lighting Spec Section 1.7(B)
19. Will concrete pad be required?
- Answer: Concrete pad to expand 6-inches beyond electrical pedestal. Contractor to coordinate with required manufacturer shop drawing submittal for pedestal. See keyed notes on sheet E1.1.
20. Will demo of existing conduit remain in place and removed in other areas?
- Answer: See revised key note 2 on demolition sheet ESD.6 for additional information. See addendum 01 drawings.
21. Plans state 1 inch conduit to be installed 2 feet below ground some rigid conduit can use existing conduit at the bridge-cross
- Answer: See revised key note 1 on demolition sheet E1.1 (indicates CPS scope regarding the service) for additional information. See addendum 01 drawings.
22. Will the addendum state that CPS only supply to riser?
- Answer: Key note 1 on sheet E1.1 indicates CPS scope regarding the service.
23. Is the geotechnical report available?
- Answer: Electrical contractor to verify existing electrical routing during demolition phase. General note #13 on sheet ESD1.1, indicates for contractor to identify the existing conditions.
24. Is there a temporary staging area?
- Answer: No. We will work with Parks Department to develop staging area.



END OF ADDENDUM #1

ATTACHMENTS:

- *050.01 SBEDA Guidelines*
- *Subcontractor/Supplier Utilization Plan*
- *REVISED 024 Unit Pricing Form*
- *Plan Sheets:*
 - o *ESD1.1*
 - o *ESD1.2*
 - o *ESD1.3*
 - o *ESD1.4A*
 - o *ESD1.4B*
 - o *ESD1.5*
 - o *ESD1.6*
 - o *ES1.1*
 - o *ES1.2*
 - o *ES1.3*
 - o *ES1.4A*
 - o *ES1.4B*
 - o *ES1.5*
 - o *ES1.6*

**SMALL BUSINESS ECONOMIC DEVELOPMENT
ADVOCACY (SBEDA) PROGRAM
Apache Creek Linear Park Lighting Upgrades
Exhibit 1**

A. SBEDA Program

The CITY has adopted a Small Business Economic Development Advocacy Ordinance (Ordinance No. 2016-05-19-0367 and as amended, also referred to as “SBEDA” or “the SBEDA Program”), which is posted on the City’s Economic Development Department (EDD) website page and is also available in hard copy format upon request to the CITY. The SBEDA Ordinance Compliance Provisions contained in this section of the Agreement are governed by the terms of the SBEDA Ordinance, as well as by the terms of the SBEDA Ordinance Policy & Procedure Manual established by the CITY pursuant to this Ordinance, and any subsequent amendments to this referenced SBEDA Ordinance and SBEDA Policy & Procedure Manual that are effective as of the date of the execution of this Agreement. Unless defined in a contrary manner herein, terms used in this section of the Agreement shall be subject to the same expanded definitions and meanings as given those terms in the SBEDA Ordinance and as further interpreted in the SBEDA Policy & Procedure Manual.

B. SBEDA Program Compliance – Affirmative Procurement Initiatives

The CITY has applied the following contract-specific Affirmative Procurement Initiatives (API) to this contract. CONTRACTOR hereby acknowledges and agrees that the selected API requirement shall also be extended to any change order or subsequent contract modification and, absent SBO’s granting of a waiver, that its full compliance with the following API terms and conditions are necessary to attain satisfactory performance under this Agreement:

Please note that failure to meet the subcontracting API requirements (when applicable) will deem the response non-responsive. To be SBEDA eligible a Prime or Subcontractor must be certified as a Small Business Enterprise (SBE) through the South Central Texas Regional Certification Agency AND must be headquartered or have a significant business presence in the San Antonio Metropolitan Statistical Area. The guidelines and steps to be certified by SCTRCA are available at: <https://sctrca.org/get-certified/>.

M/WBE Subcontracting Program. In accordance with SBEDA Ordinance Section III. D. 2. (d), this contract is being awarded pursuant to the M/WBE Subcontracting Program. CONTRACTOR agrees to subcontract or self-perform at least **twenty-three percent (23%)** of its prime contract value to certified M/WBE firms headquartered or having a Significant Business Presence within the San Antonio Metropolitan Statistical Area (SAMSA). If the Prime CONTRACTOR is a certified M/WBE firm, then the CONTRACTOR is allowed to self-perform up to the entire M/WBE subcontracting goal amount with its own forces. To the extent that the certified M/WBE Prime CONTRACTOR does not self-perform a portion of the M/WBE subcontracting goal, it shall be responsible for complying with all other requirements of this API for that portion of work that is subcontracted.

The **Subcontractor/Supplier Utilization Plan** which CONTRACTOR submitted to City with its response for this contract and that contains the names of the certified M/WBE Subcontractors to be used by CONTRACTOR on this contract, the respective percentages of the total prime contract dollar value to be awarded and performed by each M/WBE Subcontractor, and documentation including a description of each M/WBE Subcontractor's scope of work and confirmation of each M/WBE Subcontractor's commitment to perform such scope of work for an agreed upon dollar amount is hereby attached and incorporated by reference into the material terms of this Agreement.

In the absence of a waiver granted by the SBO, failure of a Prime CONTRACTOR to attain this M/WBE subcontracting goal as required in the solicitation shall render its response non-Responsive. Also, in the absence of a waiver granted by the SBO, failure of a Prime CONTRACTOR to attain a subcontracting goal for M/WBE participation in the performance of its contract or otherwise comply with the provisions of this API shall be considered a material breach of contract, grounds for termination of that contract with the City and shall be subject to any penalties and sanctions available under the terms of the SBEDA Ordinance, its contract with the City or by law.

Subcontractor Diversity: The City of San Antonio strongly encourages each bidder to be as inclusive as possible, and to reach out to all segments of the M/WBE community in its efforts to exercise good faith in achieving the M/WBE subcontracting goal(s) of 23%, that has been established for this contract. While the relative availability of ready, willing, and able firms within various ethnic and gender categories will vary significantly from contract to contract based upon the particular trades that are involved, overall in the San Antonio **Construction** industry, as reflected in the City's Centralized Vendor Registration system for the month of August 2020, African-American owned firms represent approximately 2.63% of available subcontractors, Hispanic-American firms represent approximately 16.36%, Asian-American firms represent approximately 1.36%, Native American firms represent approximately 0.16%, and Women-owned firms represent approximately 5.67% of available **Construction** subcontractors.

C. Solicitation Response and Contract Requirements and Commitment

Respondent understands and agrees that the following provisions shall be requirements of this solicitation and the resulting contract, if awarded, and by submitting its Response, Respondent commits to comply with these requirements.

Waiver Request - A Respondent may request, for good cause, a full or partial Waiver of a **specified subcontracting goal** included in this solicitation by submitting the *Subcontracting Goal- Waiver Request* form (available at <http://www.sanantonio.gov/SBO/Forms.aspx>) with its solicitation response. The Respondent's Waiver request must fully document Subcontractor unavailability despite the Respondent's good faith efforts to comply with the goal. Such documentation shall include all good faith efforts made by Respondent including, but not limited to, which Subcontractors were contacted (with phone numbers, e-mail addresses and mailing addresses, as applicable) and the method of contact. **Late Waiver requests will not be considered.** More information on the good faith effort criteria is available within the Subcontracting Goal – Waiver Request Evaluation Criteria at <http://www.sanantonio.gov/SBO/Forms.aspx>.

Exception Request - A Respondent may, for good cause, request an Exception to the application of the SBEDA Program if the Respondent submits the *Exception to SBEDA Program Requirements Request* form (available at <http://www.sanantonio.gov/SBO/Forms.aspx>) with its solicitation response. The Respondent's Exception request must fully document why: (1) the value of the contract is below the \$50,000 threshold for application of the SBEDA Program; or (2) no commercially-useful subcontracting opportunities exist within the contract scope of work; or (3) the type of contract is outside of the scope of the SBEDA Ordinance. **Late Exception Requests will not be considered.**

D. SBEDA Program Compliance – General Provisions

As CONTRACTOR acknowledges that the terms of the CITY's SBEDA Ordinance, as amended, together with all requirements, guidelines, and procedures set forth in the CITY's SBEDA Policy & Procedure Manual are in furtherance of the CITY's efforts at economic inclusion and, moreover, that such terms are part of CONTRACTOR's scope of work as referenced in the CITY's formal solicitation that formed the basis for contract award and subsequent execution of this Agreement, these SBEDA Ordinance requirements, guidelines and procedures are hereby incorporated by reference into this Agreement, and are considered by the Parties to this Agreement to be material terms. CONTRACTOR voluntarily agrees to fully comply with these SBEDA program terms as a condition for being awarded this contract by the CITY. Without limitation, CONTRACTOR further agrees to the following terms as part of its contract compliance responsibilities under the SBEDA Program:

1. CONTRACTOR shall cooperate fully with the Small Business Office and other CITY departments in their data collection and monitoring efforts regarding CONTRACTOR's utilization and payment of Subcontractors, S/M/WBE firms, and HUBZone firms, as applicable, for their performance of Commercially Useful Functions on this contract including, but not limited to, the timely submission of completed forms and/or documentation promulgated by SBO, through the Originating Department, pursuant to the SBEDA Policy & Procedure Manual, timely entry of data into monitoring systems, and ensuring the timely compliance of its subcontractors with this term;
2. CONTRACTOR shall cooperate fully with any CITY or SBO investigation (and shall also respond truthfully and promptly to any CITY or SBO inquiry) regarding possible non-compliance with SBEDA requirements on the part of CONTRACTOR or its subcontractors or suppliers;
3. CONTRACTOR shall permit the SBO, upon reasonable notice, to undertake inspections as necessary including, but not limited to, contract-related correspondence, records, documents, payroll records, daily logs, invoices, bills, cancelled checks, and work product, and to interview Subcontractors and workers to determine whether there has been a violation of the terms of this Agreement;
4. CONTRACTOR shall notify the SBO, in writing on the Change to Utilization Plan form,

through the Originating Department, of any proposed changes to CONTRACTOR's Subcontractor / Supplier Utilization Plan for this contract, with an explanation of the necessity for such proposed changes, including documentation of Good Faith Efforts made by CONTRACTOR to replace the Subcontractor / Supplier in accordance with the applicable Affirmative Procurement Initiative. All proposed changes to the Subcontractor / Supplier Utilization Plan including, but not limited to, proposed self-performance of work by CONTRACTOR of work previously designated for performance by Subcontractor or supplier, substitutions of new Subcontractors, terminations of previously designated Subcontractors, or reductions in the scope of work and value of work awarded to Subcontractors or suppliers, shall be subject to advanced written approval by the Originating Department and the SBO.

5. CONTRACTOR shall immediately notify the Originating Department and SBO of any transfer or assignment of its contract with the CITY, as well as any transfer or change in its ownership or business structure.
6. CONTRACTOR shall retain all records of its Subcontractor payments for this contract for a minimum of four years or as required by state law, following the conclusion of this contract or, in the event of litigation concerning this contract, for a minimum 7of four years or as required by state law following the final determination of litigation, whichever is later.
7. In instances wherein the SBO determines that a Commercially Useful Function is not actually being performed by the applicable S/M/WBE or HUBZone firms listed in a CONTRACTOR's Subcontractor / Supplier Utilization Plan, the CONTRACTOR shall not be given credit for the participation of its S/M/WBE or HUBZone Subcontractor(s) or joint venture partner(s) toward attainment of S/M/WBE or HUBZone firm utilization goals, and the CONTRACTOR and its listed S/M/WBE firms or HUBZone firms may be subject to sanctions and penalties in accordance with the SBEDA Ordinance.
8. CONTRACTOR acknowledges that the CITY will not execute a contract or issue a Notice to proceed for this project until the CONTRACTOR for this project have registered and/or maintained active status in the CITY's Centralized Vendor Registration System (CVR), and CONTRACTOR has represented to CITY which primary commodity codes each Subcontractor will be performing under for this contract. CITY recommends all Subcontractors to be registered in the CVR.

For more information please see link: <http://www.sanantonio.gov/SBO/Compliance>

E. Violations, Sanctions and Penalties

In addition to the above terms, CONTRACTOR acknowledges and agrees that it is a violation of the SBEDA Ordinance and a material breach of this Agreement to:

1. Fraudulently obtain, retain, or attempt to obtain, or aid another in fraudulently obtaining, retaining, or attempting to obtain or retain Certification status as an SBE, MBE, WBE, M/WBE, HUBZone firm, Emerging M/WBE, or ESBE for purposes of benefitting from the SBEDA Ordinance;

2. Willfully falsify, conceal or cover up by a trick, scheme or device, a material fact or make any false, fictitious or fraudulent statements or representations, or make use of any false writing or document, knowing the same to contain any false, fictitious or fraudulent statement or entry pursuant to the terms of the SBEDA Ordinance;
3. Willfully obstruct, impede or attempt to obstruct or impede any authorized official or employee who is investigating the qualifications of a business entity which has requested Certification as an S/M/WBE or HUBZone firm;
4. Fraudulently obtain, attempt to obtain or aid another person fraudulently obtaining or attempting to obtain public monies to which the person is not entitled under the terms of the SBEDA Ordinance; and
5. Make false statements to any entity that any other entity is, or is not, certified as an S/M/WBE for purposes of the SBEDA Ordinance.

Any person who violates the provisions of this section shall be subject to the provisions of Section III. E. 13. of the SBEDA Ordinance and any other penalties, sanctions and remedies available under law including, but not limited to:

1. Suspension of contract
2. Withholding of funds
3. Rescission of contract based upon a material breach of contract pertaining to S/M/WBE Program compliance
4. Refusal to accept a response or proposal
5. Disqualification of CONTRACTOR or other business firm from eligibility for providing goods or services to the City for a period not to exceed two years (upon City Council approval).

F. Commercial Nondiscrimination Policy Compliance

As a condition of entering into this Agreement, the CONTRACTOR represents and warrants that it has complied with throughout the course of this solicitation and contract award process, and will continue to comply with, the CITY's Commercial Nondiscrimination Policy, as described under Section III. C. 1. of the SBEDA Ordinance. As part of such compliance, CONTRACTOR shall not discriminate on the basis of race, color, religion, ancestry or national origin, sex, age, marital status, sexual orientation or, on the basis of disability or other unlawful forms of discrimination in the solicitation, selection, hiring or commercial treatment of Subcontractors, vendors, suppliers, or commercial customers, nor shall the company retaliate against any person for reporting instances of such discrimination. The company shall provide equal opportunity for Subcontractors, vendors and suppliers to participate in all of its public sector and private sector subcontracting and supply opportunities, provided that nothing contained in this clause shall prohibit or limit otherwise lawful efforts to remedy the effects of marketplace discrimination that have occurred or are occurring in the CITY's Relevant Marketplace. The company understands and agrees that a material violation of this clause shall be considered a material breach of this Agreement and may result in termination of this Agreement, disqualification of the company from participating in CITY contracts, or other

sanctions. This clause is not enforceable by or for the benefit of, and creates no obligation to, any third party. CONTRACTOR's certification of its compliance with this Commercial Nondiscrimination Policy as submitted to the CITY pursuant to the solicitation for this contract is hereby incorporated into the material terms of this Agreement. CONTRACTOR shall incorporate this clause into each of its Subcontractor and supplier agreements entered into pursuant to CITY contracts.

G. Prompt Payment

Upon execution of this contract by CONTRACTOR, CONTRACTOR shall be required to submit to CITY accurate progress payment information with each invoice regarding each of its Subcontractors, including HUBZone Subcontractors, to ensure that the CONTRACTOR's reported subcontract participation is accurate. CONTRACTOR shall pay its Subcontractors in compliance with Chapter 2251, Texas Government Code (the "Prompt Payment Act") within ten days of receipt of payment from CITY. In the event of CONTRACTOR's noncompliance with these prompt payment provisions, no final retainage on the Prime Contract shall be released to CONTRACTOR, and no new CITY contracts shall be issued to the CONTRACTOR until the CITY's audit of previous subcontract payments is complete and payments are verified to be in accordance with the specifications of the contract.

H. Definitions

Affirmative Procurement Initiatives (API) – Refers to various S/M/WBE Program tools and Solicitation Incentives that are used to encourage greater prime and subcontract participation by S/M/WBE firms, including bonding assistance, evaluation preferences, subcontracting goals and joint venture incentives. (For full descriptions of these and other S/M/WBE Program tools, see Section III.D of Attachment A to the SBEDA Ordinance). To be eligible for the benefits of race- and gender-conscious APIs as provided in the SBEDA Ordinance, M/WBE firms must also satisfy the size standards for being a Small Business Enterprise or SBE as defined herein.

Annual Aspirational Goal – a non-mandatory annual aspirational percentage goal for overall M/WBE Prime and subcontract participation in City of San Antonio contracts is established each year for Construction, Architectural & Engineering, Professional Services, Other Services, and Goods & Supplies contract Industry Categories. This Annual Aspirational Goal is to be set (and thereafter adjusted) by the Goal Setting Committee (GSC) based upon the M/WBE availability by industry in accordance with the City's 2015 Disparity Study findings, along with relative M/WBE availability data to be collected by the City through its CVR system, and the utilization of M/WBEs. Any adjusted Annual Aspirational Goals for a given industry should not exceed the Expected Availability for award dollar weights as found in the 2015 Disparity Study. Annual Aspirational Goals are not to be routinely applied to individual contracts, but are intended to serve as a benchmark against which to measure the overall effectiveness of the S/M/WBE Program on an annual basis, and to gauge the need for future adjustments to the degree of aggressiveness of remedies being applied under the Program. Percentage Goals for S/M/WBE participation may be established by the GSC on a contract-by-contract basis based upon similar data and analysis for the particular goods and services being purchased in a given contract.

Award – the final selection of a Respondent for a specified Prime Contract or subcontract dollar

amount. Contract awards are made by the City to Prime Contractors or vendors and by Prime Contractors or vendors to Subcontractor or sub-vendors, usually pursuant to a solicitation process. (Contract awards are distinguished from contract payments, the first, only reflect the anticipated dollar amounts the second, reflect actual dollar amounts that are paid to a contractor under an awarded contract).

Best Value Contracting – a purchasing solicitation process through which the Originating Department may evaluate factors other than price. Evaluation criteria for selection may include a Respondent’s previous experience and quality of product or services procured, and other factors identified in the applicable statute.

Centralized Vendor Registration System (CVR) – a mandatory electronic system of hardware and software programs by which the City recommends all prospective Respondents and Subcontractors that are ready, willing and able to sell goods or services to the City to register. All businesses awarded a City contract shall be required to register in the CVR. The CVR system assigns a unique identifier to each registrant that is then required for the purpose of submitting solicitation responses and invoices, and for receiving payments from the City. The CVR-assigned identifiers are also used by the Goal Setting Committee for measuring relative availability and tracking utilization of SBE and M/WBE firms by Industry or commodity codes, and for establishing Annual Aspirational Goals and Contract-by-Contract Subcontracting Goals.

Certification – the process by which the Small Business Office (SBO) staff determines a firm to be a bona-fide small, minority-, women-owned, or emerging small business enterprise. Emerging Small Business Enterprises (ESBEs) are automatically eligible for Certification as SBEs. Any firm may apply for multiple Certifications that cover each and every status category (e.g., SBE, ESBE, MBE, or WBE) for which it is able to satisfy eligibility standards. The SBO staff may contract these certification services to a regional Certification agency or other entity. For purposes of Certification, the City may accept any firm that is certified by local government entities and other organizations identified herein that have adopted Certification standards and procedures similar to those followed by the SBO, provided the prospective firm satisfies the eligibility requirements set forth in the Ordinance No. 2016-05-19-0367 Section III.E.6.

City – refers to the City of San Antonio, TX.

Commercially Useful Function – an S/M/WBE firm 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, staffing, managing and supervising the work involved. To perform a Commercially Useful Function, the S/M/WBE firm must also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quantity and quality, ordering the material, and installing (where applicable) and paying for the material itself. To determine whether an S/M/WBE firm is performing a Commercially Useful Function, an evaluation must be performed of the amount of work subcontracted, normal industry practices, whether the amount the S/M/WBE firm is to be paid under the contract is commensurate with the work it is actually performing and the S/M/WBE credit claimed for its performance of the work, and other relevant factors. Specifically, an S/M/WBE firm 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 meaningful and useful

S/M/WBE participation, when in similar transactions in which S/M/WBE firms do not participate, there is no such role performed.

Control – the authority of a person or business owner to sign responses to solicitations and contracts, make price negotiation decisions, sell or liquidate the business and have the primary authority to direct the day-to-day management and operation of a business enterprise without interference from others.

Economic Inclusion – efforts to promote and maximize commercial transactions within, between and among all segments of the business population, regardless of race or gender, within the Relevant Marketplace.

Emerging SBE (ESBE) – a certified SBE corporation, partnership, sole proprietorship or other legal entity for the purpose of making a profit, which is independently owned and operated by Individuals legally residing in, or that are citizens of, the United States or its territories whose annual revenues and number of employees are no greater than 25% of the small business size standards for its industry as established by the U.S. Small Business Administration, and meets the Significant Business Presence requirements as defined herein.

Emerging M/WBE – a certified M/WBE firm whose annual revenues and number of employees are no greater than 25% of the small business size standards for its industry as established by the U.S. Small Business Administration, and meets the Significant Business Presence requirements as defined herein.

Evaluation Preference – an API that may be applied by the Goal Setting Committee to Construction, Architectural & Engineering, Professional Services, Other Services, and Goods and Supplies contracts that are to be awarded on a basis that includes factors other than lowest price, and wherein responses that are submitted to the City by S/M/WBE firms may be awarded additional Points in the evaluation process in the scoring and ranking of their proposals against those submitted by other prime Respondents.

Formal Solicitation – an invitation for bids, request for proposals, request for qualifications or other solicitation document issued by a City department for a contract that requires City Council approval, in accordance with the procurement rules adopted by the City Manager or designee through a memorandum issued by the City Manager or designee, an Administrative Directive or a procurement manual issued under the authority of the City Manager or designee, and/or pursuant to statutory requirements.

Goal Setting Committee (GSC) – a committee, or series of committees, appointed and chaired by the City Manager or designee from the Executive Team that includes, at a minimum, the EDD Director or designee, and the Director of Finance or Director of Transportation and Capital Improvements (TCI) or their designees, the Director or designee of the Originating Department (if the Originating Department is neither Finance nor TCI,) all without duplication of designees and two citizens appointed by City Council who are eligible to vote during the goal setting committee on contracts valued at \$3,000,000 and above. The City Manager or designee may also appoint two ex-officio members of the Small Business Advocacy Committee to serve on any GSC purely in an advisory and non-voting capacity. The GSC establishes S/M/WBE Program Goals for the City of

San Antonio (e.g., Annual Aspirational Goals, Contract-by-Contract Subcontracting Goals, and determining which M/WBE segments are eligible for Segmented Subcontracting Goals annually) based upon Industry Categories, vendor availability, project-specific characteristics, and M/WBE utilization. The GSC also makes determinations about which Affirmative Procurement Initiatives (APIs) are to be applied to specific contracts based upon various criteria.

Good Faith Efforts – documentation of the Respondent’s intent to comply with S/M/WBE Program Goals and procedures including, but not limited to, the following: (1) documentation as stated in the solicitation reflecting the Respondent’s commitment to comply with SBE or M/WBE Program Goals as established by the GSC for a particular contract; or (2) documentation of efforts made toward achieving the SBE or M/WBE Program Goals (e.g., solicitations of bids/proposals/qualification statements from all qualified SBE or M/WBE firms listed in the Small Business Office’s directory of certified SBE or M/WBE firms; correspondence from qualified SBE or M/WBE firms documenting their unavailability to perform SBE or M/WBE contracts; documentation of efforts to subdivide work into smaller quantities for subcontracting purposes to enhance opportunities for SBE or M/WBE firms; documentation of a Prime Contractor’s posting of a bond covering the work of SBE or M/WBE Subcontractors; documentation of efforts to assist SBE or M/WBE firms with obtaining financing, bonding or insurance required by the Respondent; and documentation of consultations with trade associations and CONTRACTORS that represent the interests of SBE and/or M/WBEs in order to identify qualified and available SBE or M/WBE Subcontractors.)

HUBZone Firm – a business that has been certified by U.S. Small Business Administration for participation in the federal HUBZone Program, as established under the 1997 Small Business Reauthorization Act. To qualify as a HUBZone firm, a small business must meet the following criteria: (1) it must be owned and Controlled by U.S. citizens; (2) at least 35 percent of its employees must reside in a HUBZone; and (3) its Principal Place of Business must be located in a HUBZone within the San Antonio Metropolitan Statistical Area. [See 13 C.F.R. 126.200 (1999).]

Independently Owned and Operated – ownership of an SBE firm must be direct, independent and by Individuals only. Ownership of an M/WBE firm may be by Individuals and/or by other businesses provided the ownership interests in the M/WBE firm can satisfy the M/WBE eligibility requirements for ownership and Control as specified herein in Section III.E.6. The M/WBE firm must also be Independently Owned and Operated in the sense that it cannot be the subsidiary of another firm that does not itself (and in combination with the certified M/WBE firm) satisfy the eligibility requirements for M/WBE Certification.

Individual – an adult that is of legal majority age.

Industry Categories – procurement groupings for the City of San Antonio inclusive of Construction, Architectural & Engineering, Professional Services, Other Services, and Goods & Supplies (i.e., manufacturing, wholesale and retail distribution of commodities). This term may sometimes be referred to as “business categories.”

Joint Venture Incentives – an API that provides inducements for non-SBE and non-M/WBE firms to collaborate with SBE or M/WBE partners in responses to solicitations and performing a Prime Contract to supply goods to, or to perform on behalf of, the City. Joint ventures are

manifested by written agreements between two or more Independently Owned and Controlled business firms to form a third business entity solely for purposes of undertaking distinct roles and responsibilities in the completion of a given contract. Under this business arrangement, each joint venture partner shares in the management of the joint venture and also shares in the profits or losses of the joint venture enterprise commensurately with its contribution to the venture. Incentives under this API may include Evaluation Preferences that are tied to the percentage of SBE or M/WBE participation in the joint venture, expedited issuance of building permits and extra contract option years in certain Other Services and Goods & Supplies contracts.

Minority/Women Business Enterprise (M/WBE) – firm that is certified as either a Minority Business Enterprise or as a Women Business Enterprise, and which is at least fifty-one percent (51%) owned, managed and Controlled by one or more Minority Group Members and/or women, and that is ready, willing and able to sell goods or services that are purchased by the City of San Antonio.

M/WBE Directory – a listing of M/WBEs that have been certified for participation in the City’s M/WBE Program APIs.

M/WBE Subcontracting Program – an API in which Prime Contractors or vendors are required to make Good Faith Efforts to subcontract a specified percentage of the value of prime contract dollars to certified M/WBE firms. Such subcontracting goals may be set and applied by the GSC on a contract-by-contract basis to those types of contracts that provide subcontract opportunities for performing Commercially Useful Functions wherein:

- (1) There have been ongoing disparities in the utilization of available M/WBE Subcontractors; or
- (2) Race-Neutral efforts have failed to eliminate persistent and significant disparities in the award of prime contracts to M/WBEs in a particular Industry Category or industry segment (e.g., Construction contracts, Professional Services contracts, and Architectural and Engineering contracts), and subcontract opportunities are limited outside of City contracts.

When specified by the GSC, the M/WBE Subcontracting Program may also be required to reflect Good Faith Efforts that a Prime Contractor or vendor has taken (or commits to taking in the case of solicitations that do not include a detailed scope of work or those in which price cannot be considered a factor in evaluation), toward attainment of subcontracting goals for M/WBE firms.

M/WBE Evaluation Preference – an API that the City may apply to requests for proposals or qualifications (RFPs or RFQs) on City Construction, Architectural & Engineering, Professional Services, Other Services, and Goods & Supplies contracts that are issued pursuant to a Best Value Contracting method or other methods of procurement wherein criteria other than lowest price are factored into the selection process. M/WBEs that submit responses for these kinds of solicitations are awarded additional Points in the scoring of their responses when evaluating and ranking their responses against those submitted by non-minority firms. Where specified in contract specifications as approved by the Goal Setting Committee, the M/WBE Evaluation Preference may be limited to Emerging M/WBE firms.

Minority Business Enterprise (MBE) – any legal entity, except a joint venture, that is organized

to engage in for-profit transactions, which is certified as being at least fifty-one percent (51%) owned, managed and Controlled by one or more Minority Group Members, and that is ready, willing and able to sell goods or services that are purchased by the City. To qualify as an MBE, the enterprise shall meet the Significant Business Presence requirement as defined herein. Unless otherwise stated, the term “MBE” as used in the SBEDA Ordinance is not inclusive of women-owned business enterprises (WBEs).

Minority Group Members – African-Americans, Hispanic Americans, Asian Americans and Native Americans legally residing in, or that are citizens of, the United States or its territories, as defined below:

African-Americans: Persons with origins in any of the black racial groups of Africa.

Hispanic-Americans: Persons of Mexican, Puerto Rican, Cuban, Spanish or Central and South American origin.

Asian-Americans: Persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent or the Pacific Islands.

Native Americans: Persons having no less than 1/16th percentage origin in any of the Native American Tribes, as recognized by the U.S. Department of the Interior, Bureau of Indian Affairs and as demonstrated by possession of personal tribal role documents.

Originating Department – the City department or authorized representative of the City which issues solicitations or for which a solicitation is issued.

Payment – dollars actually paid to Prime Contractors and/or Subcontractors and vendors for City contracted goods and/or services.

Points – the quantitative assignment of value for specific evaluation criteria in the vendor selection process used in some Construction, Architectural & Engineering, Professional Services, Other Services, and Goods & Supplies contracts (e.g., up to 20 points out of a total of 100 points assigned for S/M/WBE participation as stated in response to a Request for Proposals).

Prime Contractor – the vendor or contractor to whom a purchase order or contract is issued by the City of San Antonio for purposes of providing goods or services for the City.

Race-Conscious – any business classification or API wherein the race or gender of business owners is taken into consideration (e.g., references to M/WBE programs and APIs that are listed herein under the heading of “Race-Conscious”). To be eligible for the benefits of race- and gender-conscious APIs as provided in this Ordinance, M/WBE firms must also satisfy the size standards for being a Small Business Enterprise or SBE as defined herein.

Race-Neutral – any business classification or API wherein the race or gender of business owners is not taken into consideration (e.g., references to SBE programs and APIs that are listed herein under the heading of “Race-Neutral”).

Relevant Marketplace – the geographic market area affecting the S/M/WBE Program as

determined for purposes of collecting data for the 2015 Disparity Study, and for determining eligibility for participation under various programs established by the SBEDA Ordinance, is defined as the San Antonio Metropolitan Statistical Area (SAMSA), currently including the counties of Atascosa, Bandera, Bexar, Comal, Guadalupe, Kendall, Medina and Wilson.

Respondent – a vendor submitting a bid, statement of qualifications, or proposal in response to a solicitation issued by the City.

Responsible – a firm which is capable in all respects to fully perform the contract requirements and has the integrity and reliability which will assure good faith performance of contract specifications.

Responsive – a firm's submittal (bid, response or proposal) conforms in all material respects to the solicitation (Invitation for Bid, Request for Qualifications, or Request for Proposal) and shall include compliance with S/M/WBE Program requirements.

San Antonio Metropolitan Statistical Area (SAMSA) – also known as the Relevant Marketplace, the geographic market area from which the City's 2015 Disparity Study analyzed contract utilization and availability data for disparity (currently including the counties of Atascosa, Bandera, Bexar, Comal, Guadalupe, Kendall, Medina and Wilson).

Segmented M/WBE Goals – the application of multiple goals for M/WBE participation within Annual Aspirational Goals or for M/WBE Subcontracting Goals on an individual City contract wherein an overall combined M/WBE goal is accompanied by subsets of one or more smaller goals. Such segmented goals specifically target the participation of a particular segment of business enterprises owned and Controlled by WBEs or certain Minority Group Members (e.g., African-Americans or Hispanic-Americans) based upon relative availability and significantly greater patterns of underutilization and disparity within an industry as compared to other gender and Minority Group Member categories of M/WBEs. The application of Segmented M/WBE Goals is intended to ensure that those segments of M/WBEs that have been most significantly and persistently underutilized receive a fair measure of remedial assistance.

SBE Directory – a listing of small businesses that have been certified for participation in the City's SBE Program APIs.

Significant Business Presence – to qualify for this Program, a S/M/WBE must be headquartered or have a *significant business presence* for at least one year within the Relevant Marketplace, defined as: an established place of business in one or more of the eight counties that make up the San Antonio Metropolitan Statistical Area (SAMSA), from which 20% of its full-time, part-time and contract employees are regularly based, and from which a substantial role in the S/M/WBE's performance of a Commercially Useful Function is conducted. A location utilized solely as a post office box, mail drop or telephone message center or any combination thereof, with no other substantial work function, shall not be construed to constitute a significant business presence.

Small Business Enterprise (SBE) – a corporation, partnership, sole proprietorship or other legal entity for the purpose of making a profit, which is Independently Owned and Operated by Individuals legally residing in, or that are citizens of, the United States or its territories, and which meets the U.S. Small Business Administration (SBA) size standard for a small business in its

particular industry(ies) and meets the Significant Business Presence requirements as defined herein.

Small Business Office (SBO) – the office within the Economic Development Department (EDD) of the City that is primarily responsible for general oversight and administration of the SBEDA Program.

Small Minority Women Business Enterprise Program (S/M/WBE Program) – the combination of SBE Program and M/WBE Program features contained in this Ordinance.

Solicitation Incentives – additional inducements or enhancements in the solicitation process that are designed to increase the chances for the selection of S/M/WBE firms in competition with other firms. Such inducements and enhancements may include such terms as additional contract option years, increased quantities in supply contracts, and evaluation preferences, where not prohibited by law. These solicitation incentives may be applied as appropriate to solicitations, contracts, and letter agreements for Construction, Architecture and Engineering services, Professional Services, Other Services, and Goods & Supplies contracts, including change orders and amendments.

Subcontractor – any vendor or contractor that is providing goods or services to a Prime Contractor in furtherance of the Prime Contractor’s performance under a contract or purchase order with the City. A copy of the binding agreement between the Prime Contractor and the Subcontractor shall be submitted prior to the City’s issuance of a notice to proceed.

Suspension – the temporary stoppage of an SBE or M/WBE firm’s beneficial participation in the City’s S/M/WBE Program for a finite period of time due to cumulative contract payments the S/M/WBE firm received during a fiscal year that exceed a certain dollar threshold as set forth in Section III.E.7, or pursuant to the Penalties and Sanctions set forth in Section III.E.13.

Subcontractor/Supplier Utilization Plan – a binding part of this contract agreement which states the CONTRACTOR’s commitment for the use of Joint Venture Partners and / or Subcontractors/Suppliers in the performance of this contract agreement, and states the name, scope of work, and dollar value of work to be performed by each of CONTRACTOR’s Joint Venture partners and Subcontractors/Suppliers in the course of the performance of this contract, specifying the S/M/WBE Certification category for each Joint Venture partner and Subcontractor/Supplier, as approved by the SBO Manager. Additions, deletions or modifications of the Joint Venture partner or Subcontractor/Supplier names, scopes of work, of dollar values of work to be performed requires an amendment to this agreement to be approved by the EDD Director or designee.

Women Business Enterprises (WBEs) - any legal entity, except a joint venture, that is organized to engage in for-profit transactions, that is certified for purposes of the SBEDA Ordinance as being at least fifty-one percent (51%) owned, managed and Controlled by one or more non-minority women Individuals that are lawfully residing in, or are citizens of, the United States or its territories, that is ready, willing and able to sell goods or services that are purchased by the City and that meets the Significant Business Presence requirements as defined herein. Unless otherwise stated, the term “WBE” as used in this Ordinance is not inclusive of MBEs.



CITY OF SAN ANTONIO SUBCONTRACTOR/SUPPLIER UTILIZATION PLAN

SOLICITATION NAME: *Apache Creek Linear Park Lighting Upgrades*

PRIME CONTRACTOR NAME:

Please review the following information before completing the form:

1. Prime contractor must list ALL certified and non-certified Subcontractors/Suppliers that will be utilized for the entire contract period (see page 2).
2. A Subcontractor/Supplier Utilization Plan that does not satisfy City subcontracting goal(s) placed on this solicitation and absent an approved Subcontracting Goal- Waiver (at the time of bid submission) by the Small Business Office will be deemed NON-RESPONSIVE.
3. For a Prime contractor or Subcontractor to count toward a City required subcontracting goal(s), the Prime contractor or Subcontractor must be SBEDA eligible and have the same certification(s) from the South Central Texas Regional Certification Agency (www.SCTRCA.org) as the City required subcontracting goal(s).

To be SBEDA eligible, a Prime contractor or Subcontractor must be certified as a Small Business Enterprise (SBE) through SCTRCA **AND** must be headquartered or have a significant business presence in the San Antonio Metropolitan Statistical Area. SBEDA eligibility can be verified through the link <http://www.sanantonio.gov/purchasing/vendorinformation/cosavendorlisting>. For further clarification, please contact Small Business Office at (210) 207-3922 or refer to the SBEDA language within the solicitation document(s).

To be Completed by City Staff		To be Completed by Prime Contractor		
SOLICITATION API's	CITY REQUIRED SUBCONTRACTING GOAL	PERCENT SBEDA ELIGIBLE PARTICIPATION	MEETING THE GOAL? (Y/N)	WAIVER SUBMITTED? (Y/N)
Minority and/or Women-Owned Business Enterprise (M/WBE) Subcontracting Program	23%		<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>

I hereby affirm that the information on this form is true and complete to the best of my knowledge and belief. I possess internal documentation from all proposed Subcontractors/Suppliers confirming their intent to perform the scope of work for the price or percentage indicated. I understand and agree that if approved, this document shall be attached thereto and become a binding part of the contract.

Prime Contractor's Authorized Agent: Sign and Date

Name Title

Director or Designee of Economic Development: Sign and Date

APPROVED DENIED

All sections of the following table must be completed for all firms listed. List all *certified or non-certified* Subcontractors/Suppliers that will be utilized for the entire contract period, excluding possible extensions, renewals and/or alternates. Use additional pages if necessary.

ROLE	NAME OF FIRM	SBEDA ELIGIBLE (YES/NO)	DOLLAR AMOUNT BY FIRM	% OF TOTAL CONTRACT VALUE BY FIRM	WORK TO BE PERFORMED (5 DIGIT NIGP CODE)
PRIME CONTRACTOR					
SUB					
SUB					
SUB					
SUB					
SUB					
SUB					
SUB					
SUB					
SUB					
SUB					
SUB					
SUB					
SUB					
SUB					

CITY OF SAN ANTONIO
024 UNIT PRICING FORM

PROJECT NAME:
PROJECT NO.

ALT. NO.	DESC. CODE	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE
		The City only will accept bid pricing to the hundredths. Any pricing extended out to three decimal points will be truncated to two decimal points in the City's favor.			
Base Bid	1	Demolition Work - remove existing Light Poles and Accessories in Area 4 (13), Area 5 (16), & Area 6 (10) and Trenching	each	39	
Base Bid	2	New Work - purchase and install Light Fixtures in Area 4 (17), Area 5 (17), & Area 6 (11)	each	45	
Base Bid	3	New Work - purchase and install Light Poles in Area 4 (17), Area 5 (17), & Area 6 (11)	each	45	
Base Bid	4	New Work - purchase and install Panelboards at north area (2) and south area (1)	each	3	
Base Bid	5	New Work - purchase and install Photocell at north area (1) and south area (1)	each	2	
Base Bid	6	New Work - purchase and install Lighting Contactor at north area (1) and south area (1)	each	2	
Base Bid	7	New Work - purchase and install Power Pedestal at north area (1) and south area (1)	each	2	
Base Bid	8	New Work - purchase and install Conduit and Wire	ft	6000	
Base Bid	9	New Work - Trenching and Backfill	ft	6000	
Base Bid	10	New Work - concrete base (see Sheet S1.1 on drawings for dimensions and details)	each	45	
Alternate 1	11	Demolition Work - remove existing Light Poles and Accessories in Area 3 and Trenching	each	14	
Alternate 1	12	New Work - purchase and install Light Fixtures in Area 3	each	19	
Alternate 1	13	New Work - purchase and install Light Poles in Area 3	each	19	
Alternate 1	14	New Work - purchase and install 20A/2P Circuit Breaker to existing panelboard at Cassiano Park in Area 3	each	1	
Alternate 1	15	New Work - purchase and install Panelboard in Area 3	each	1	
Alternate 1	16	New Work - purchase and install Photocell in Area 3	each	1	
Alternate 1	17	New Work - purchase and install Lighting Contactor in Area 3	each	1	
Alternate 1	18	New Work - Trenching and Backfill in Area 3	ft	4000	
Alternate 1	19	New Work - concrete base (see Sheet S1.1 on drawings for dimensions and details)	each	19	
Alternate 2	20	Demolition Work - remove existing Light Poles and Accessories and Trenching in Area 2	each	11	
Alternate 2	21	New Work - purchase and install Light Fixtures in Area 2	each	10	
Alternate 2	22	New Work - purchase and install Light Poles in Area 2	each	10	
Alternate 2	23	New Work - purchase and install Panelboard in Area 2	each	1	
Alternate 2	24	New Work - purchase and install Photocell in Area 2	each	1	
Alternate 2	25	New Work - purchase and install Lighting Contactor in Area 2	each	1	
Alternate 2	26	New Work - purchase and install Power Pedestal in Area 2	each	1	
Alternate 2	27	New Work - purchase and install Conduit and Wire in Area 2	ft	2000	

CITY OF SAN ANTONIO
024 UNIT PRICING FORM

PROJECT NAME:
PROJECT NO.

Alternate 2	28	New Work - Trenching and Backfill in Area 2	ft	2000	
Alternate 2	29	New Work - concrete base (see Sheet S1.1 on drawings for dimensions and details)	each	10	
Alternate 3	30	Demolition Work - remove existing Light Poles and Accessories and Trenching in Area 1	each	11	
Alternate 3	31	New Work - purchase and install Light Fixtures in Area 1	each	11	
Alternate 3	32	New Work - purchase and install Light Poles in Area 1	each	11	
Alternate 3	33	New Work - purchase and install Panelboard in Area 1	each	1	
Alternate 3	34	New Work - purchase and install Photocell in Area 1	each	1	
Alternate 3	35	New Work - purchase and install Lighting Contactor in Area 1	each	1	
Alternate 3	36	New Work - purchase and install Power Pedestal in Area 1	each	1	
Alternate 3	37	New Work - purchase and install Conduit and Wire in Area 1	ft	2400	
Alternate 3	38	New Work - Trenching and Backfill in Area 1	ft	2400	
Alternate 3	39	New Work - concrete base (see Sheet S1.1 on drawings for dimensions and details)	each	11	
_____ hereby certifies that the unit prices shown on this form in this bid proposal					
are the unit prices intended for this project. These unit prices are 'complete and in place', and include but are not limited to: necessary					
superintendence, labor, machinery, equipment, tools, materials, mobilization, insurance, overhead and other miscellaneous items and cost to complete the proposed work.					
It is further understood that these unit prices will be used by the City of San Antonio to adjust the final bid or contract amount through additions					
to or deletions from the scope and amount of work for the project, with the mutual agreement of both parties.					
_____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.					
Signed: _____ Date: _____					
Title: _____					



**BASE BID
ENLARGED ELECTRICAL SITE PLAN - AREA 6 - DEMOLITION**

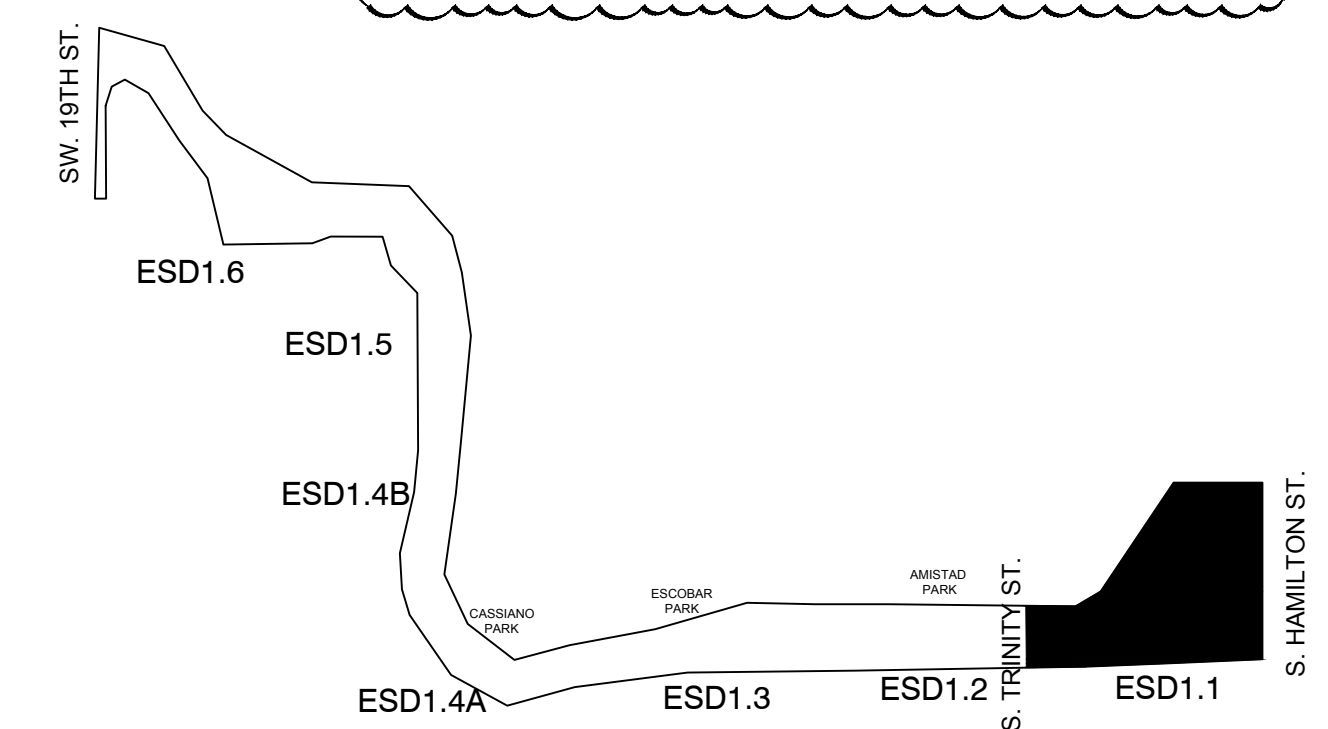
SCALE: 1" = 70' - 0"

**GENERAL ELECTRICAL
DEMOLITION NOTES:** (APPLIES TO ALL ELECTRICAL SHEETS)

1. DRAWINGS INDICATE APPROXIMATE LOCATION AND QUANTITY OF TELEPHONE OUTLETS, DATA OUTLETS, FLOOR OUTLETS, RECEPTACLES, AND ELECTRICAL CONNECTIONS TO BE REMOVED. FIELD VERIFY LOCATION AND QUANTITY OF ITEMS TO BE REMOVED, AS NO ALLOWANCE WILL BE MADE BECAUSE OF UNFAMILIARITY WITH THESE DETAILS.
2. EXISTING CIRCUITS INDICATED WERE OBTAINED FROM AS-BUILT DRAWINGS AND MAY NOT BE CORRECT. IDENTIFY AND LOCATE EXISTING BRANCH CIRCUITRY.
3. REMOVE BRANCH CIRCUITS SERVING EQUIPMENT, RECEPTACLES, LIGHT FIXTURES, MOTORS, AND OTHER ITEMS SHOWN TO BE REMOVED BACK TO OCPD IN SWITCHBOARD, PANEL, LOAD CENTER, OR J-BOX GRID SYSTEM, EXCEPT AS OTHERWISE REQUIRED BY NOTES BELOW.
 - 3.1. BRANCH CIRCUIT: CONDUCTORS, RACEWAYS, BOXES, WIREWAYS, WIRING DEVICES, COVERPLATES, DISCONNECTING MEANS, STARTERS, CONTROLLERS, AND SUPPORTS.
 - 3.2. OCPD SHALL REMAIN AS AN INTEGRAL PART OF EXISTING SWITCHBOARD, PANEL, OR LOAD CENTER, AND IF NOT BEING REUSED, SHALL BE LABELED AS SPARE.
 - 3.3. CONDUITS IN INACCESSIBLE AREAS: REMOVE CONDUCTORS AND ABANDON IN PLACE, CAPPED AND SEALED. IN A FINISHED SPACE, REMOVED CONDUIT TO BELOW FINISHED SURFACE, FILL VOID WITH NON-SHRINKING GROUT, AND RESURFACED TO MATCH SURROUNDING SURFACES.
4. MAINTAIN INTEGRITY OF BRANCH CIRCUITS WITH A PORTION OF THE LOAD REMOVED. REMOVE PORTION OF BRANCH CIRCUIT ASSOCIATED WITH REMOVED DEVICE TO A POINT AS NECESSARY TO SERVE REMAINING LOAD.
5. EXTEND BRANCH CIRCUITS WHERE INDICATED TO SERVE NEW LOADS OR TO RECONNECT RELOCATED EQUIPMENT. RUN CONDUIT CONCEALED WHERE POSSIBLE, AND ROUTE TO AVOID INTERFERENCE WITH EQUIPMENT OR AESTHETICS. REPLACE WITH NEW CONDUCTORS FROM OCPD TO LOAD.
6. INCLUDE IN BID COSTS RESULTING FROM OVERTIME, EVENING, AND WEEKEND WORK. COORDINATE WITH OWNER ON OPERATION SCHEDULES AND ASSOCIATED REQUIREMENTS.
7. CITY HAS RIGHT OF 1ST REFUSAL. IF CITY DOES NOT WANT ITEM CONTRACTOR SHALL PROPERLY DISPOSE OF.
8. REMOVE FROM PROJECT SITE DEMOLISHED MATERIALS AND EQUIPMENT. DISPOSE OF IN ACCORDANCE WITH APPLICABLE ENVIRONMENTAL LAWS AND REGULATIONS. REMOVE PCB CONTAINING BALLASTS AND DISPOSE OF THROUGH AUTHORIZED DISPOSAL FACILITY.
9. PROVIDE CLOSURE CAPS IN EXISTING CORE DRILLED HOLES. FILL IN REMAINING HOLES WITH FLOOR STONE CEMENT FLUSH WITH SURROUNDING AREA.
10. SEAL OPENINGS IN FIRE RESISTANCE RATED PARTITIONS TO PRESERVE RATING OF PARTITION.
11. DAMAGE CAUSED BY THE WORK, WHICH IS NOT CONCEALED BY NEW CONSTRUCTION, SHALL BE REPAIRED TO MATCH EXISTING SURFACES.
12. IDENTIFY AND LOCATE EXISTING UTILITIES THAT MAY CONFLICT WITH NEW WORK, AND INCLUDE IN BID COSTS NECESSARY TO COORDINATE THE INSTALLATION OF THE NEW WORK WITH THE EXISTING UTILITIES.
13. COORDINATE AND VERIFY ACTUAL LENGTHS AND ROUTES OF CONDUIT AND FEEDER RUNS WITH ENGINEERED DRAWINGS AS WELL AS EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID OR PROPOSAL.
14. COORDINATE AND SCHEDULE ELECTRICAL AND COMMUNICATION SERVICE OUTAGES TO EXISTING FACILITIES WITH OWNER IN ADVANCE OF OUTAGE.
15. PERFORM WORK IN A MANNER TO MINIMIZE INTERRUPTION OF SERVICES TO OCCUPIED SPACES AND TO MAINTAIN SERVICE TO ROOMS NOT UNDERGOING ACTIVE CONSTRUCTION.
16. PRIOR TO BID, VISIT THE PROJECT SITE, BECOME FAMILIAR WITH THE CONDITIONS AS THEY EXIST, AND CONFIRM LOCATIONS, SIZES, AND QUANTITIES OF MATERIALS AND ITEMS TO BE REMOVED OR INSTALLED. LOOK ABOVE CEILINGS IN AREAS TO BE RENOVATED, AND IDENTIFY QUANTITIES MATERIALS TO BE REMOVED.

KEYED NOTES: (APPLIES TO THIS SHEET)

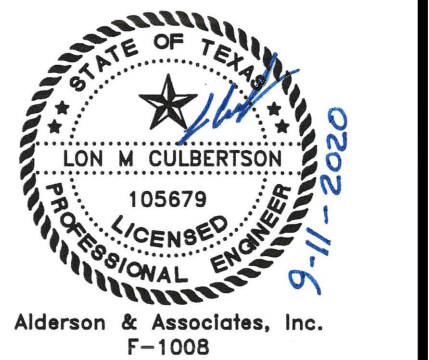
1. EXISTING LIGHT POLE AND ASSOCIATED ELECTRICAL COMPONENTS TO BE REMOVED. REMOVE ASSOCIATED POLE BASE DOWN TO 2'-0" BELOW GRADE, ABANDONED REMAINDER IN PLACE.
2. ALL UNDERGROUND CONDUIT SERVING LIGHT POLES TO BE ABANDONED 24" UNDERGROUND.
3. EXISTING CONDUIT AND ASSOCIATED FEEDER ROUTED ACROSS BRIDGE TO BE REMOVE.



KEY PLAN

REVISIONS:
Addendum 01 09/11/2020

THESE DRAWINGS, ACCOMPANYING SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ENGINEER FOR THIS PROJECT AND SUBMITTALS OF THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THESE DOCUMENTS AND SHALL RETAIN ALL JURISDICTION, ENFORCEMENT AND OTHER RIGHTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. NO PART OF THESE DOCUMENTS SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER. THESE DOCUMENTS ARE THE PROPERTY OF ALDERSON & ASSOCIATES, INC. AND SHALL BE RETURNED TO THE ENGINEER UPON COMPLETION OF THE PROJECT.



ALDERSON & ASSOCIATES, INC.
MEP ENGINEERING | COMMISSIONING
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San Antonio, TX 78229
Telephone: 210.614.1110
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P-1-1008

**CITY OF SAN ANTONIO
APACHE CREEK LIGHTING UPGRADES**

ENLARGED
ELECTRICAL
SITE PLAN
AREA 6
DEMOLITION
BASE BID

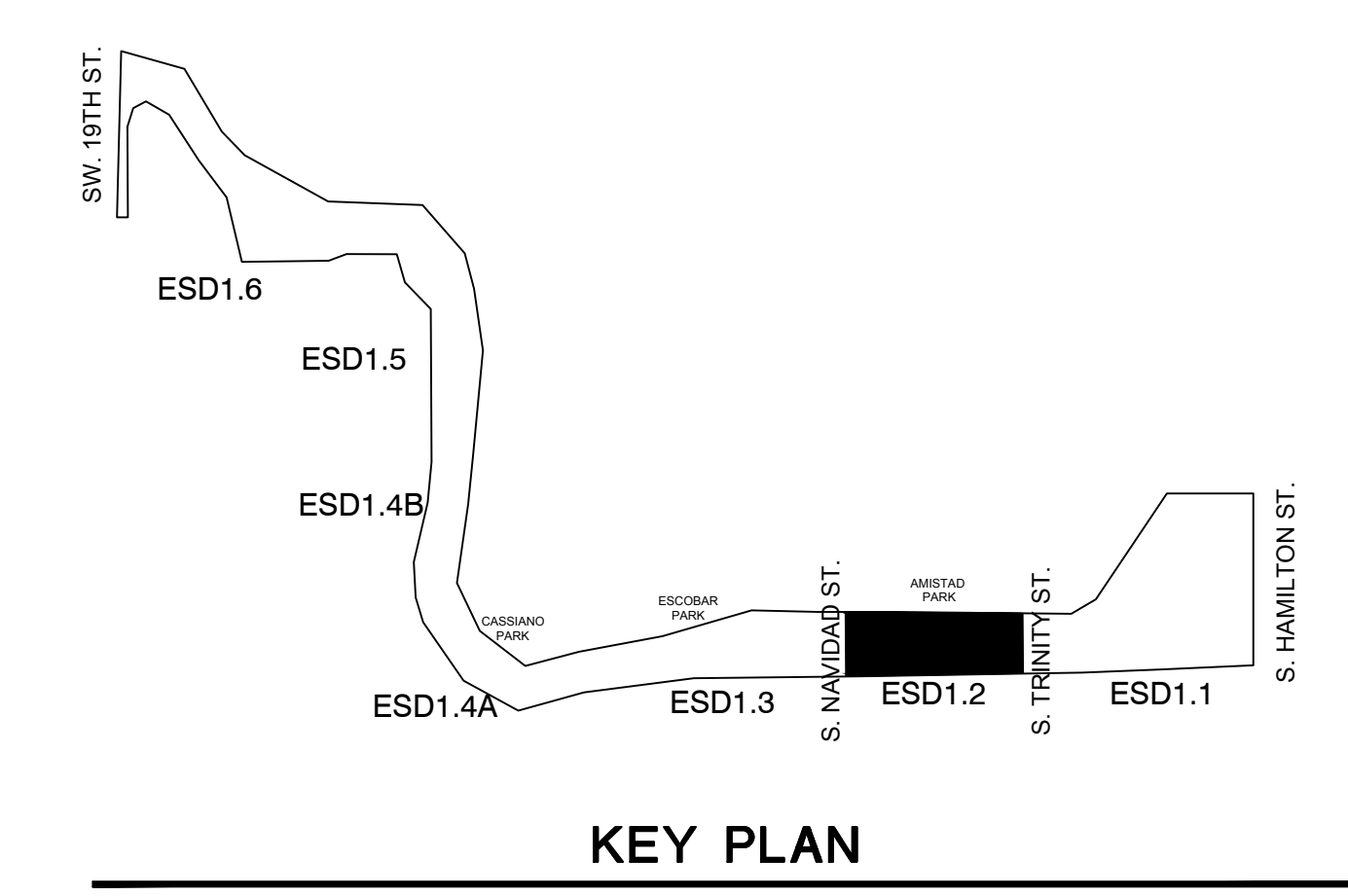
PROJECT: 19036
DRAWN: LME
CHECKED: LMC
DATE: 06/10/2020

SHEET:
ESD1.1



- KEYED NOTES:** (APPLIES TO THIS SHEET)
- EXISTING LIGHT POLE AND ASSOCIATED ELECTRICAL COMPONENTS TO BE REMOVED. REMOVE ASSOCIATED POLE BASE DOWN TO 2'-0" BELOW GRADE, ABANDONED REMAINDER IN PLACE.
 - ALL UNDERGROUND CONDUIT SERVING LIGHT POLES TO BE ABANDONED 24" UNDERGROUND.
 - EXISTING CONDUIT AND ASSOCIATED FEEDER ROUTED ACROSS BRIDGE TO BE REMOVE.

NORTH
 **1**
BASE BID
ENLARGED ELECTRICAL SITE PLAN - AREA 5 - DEMOLITION
 SCALE: 1" = 70' - 0"



REVISIONS:
 Addendum 01 09/11/2020

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CITY OF SAN ANTONIO
APACHE CREEK LIGHTING UPGRADES

ENLARGED ELECTRICAL SITE PLAN
 AREA 5
 DEMOLITION
 BASE BID

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

SHEET:
ESD1.2

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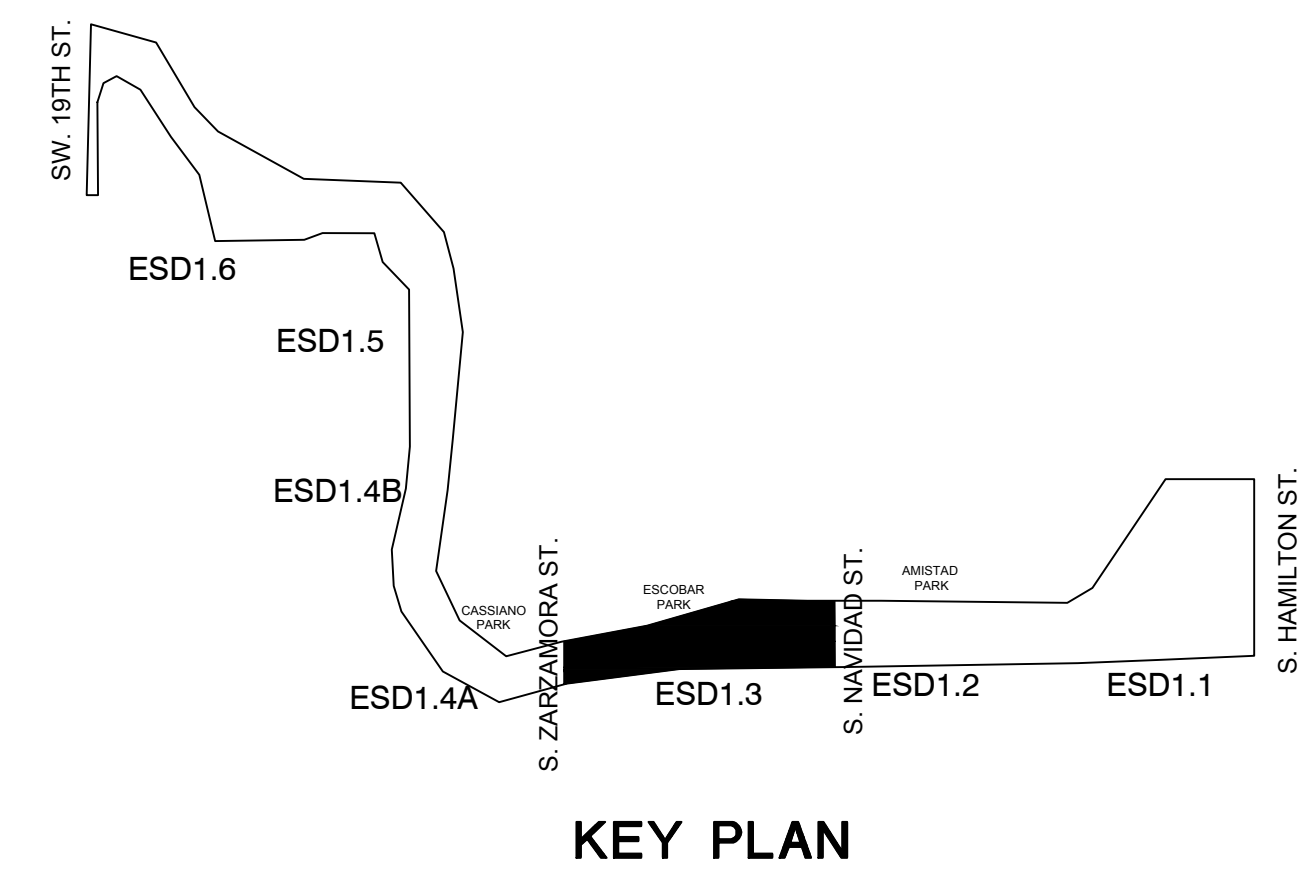


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- KEYED NOTES:** (APPLIES TO THIS SHEET)
1. EXISTING LIGHT POLE AND ASSOCIATED ELECTRICAL COMPONENTS TO BE REMOVED. REMOVE ASSOCIATED POLE BASE DOWN TO 2'-0" BELOW GRADE, ABANDONED REMAINDER IN PLACE.
 2. ALL UNDERGROUND CONDUIT SERVING LIGHT POLES TO BE ABANDONED 24" UNDERGROUND.
 3. EXISTING CONDUIT AND ASSOCIATED FEEDER ROUTED ACROSS BRIDGE TO BE REMOVE.

NORTH
 ↑
1
BASE BID
ENLARGED ELECTRICAL SITE PLAN - AREA 4 - DEMOLITION
 SCALE: 1" = 70' - 0"

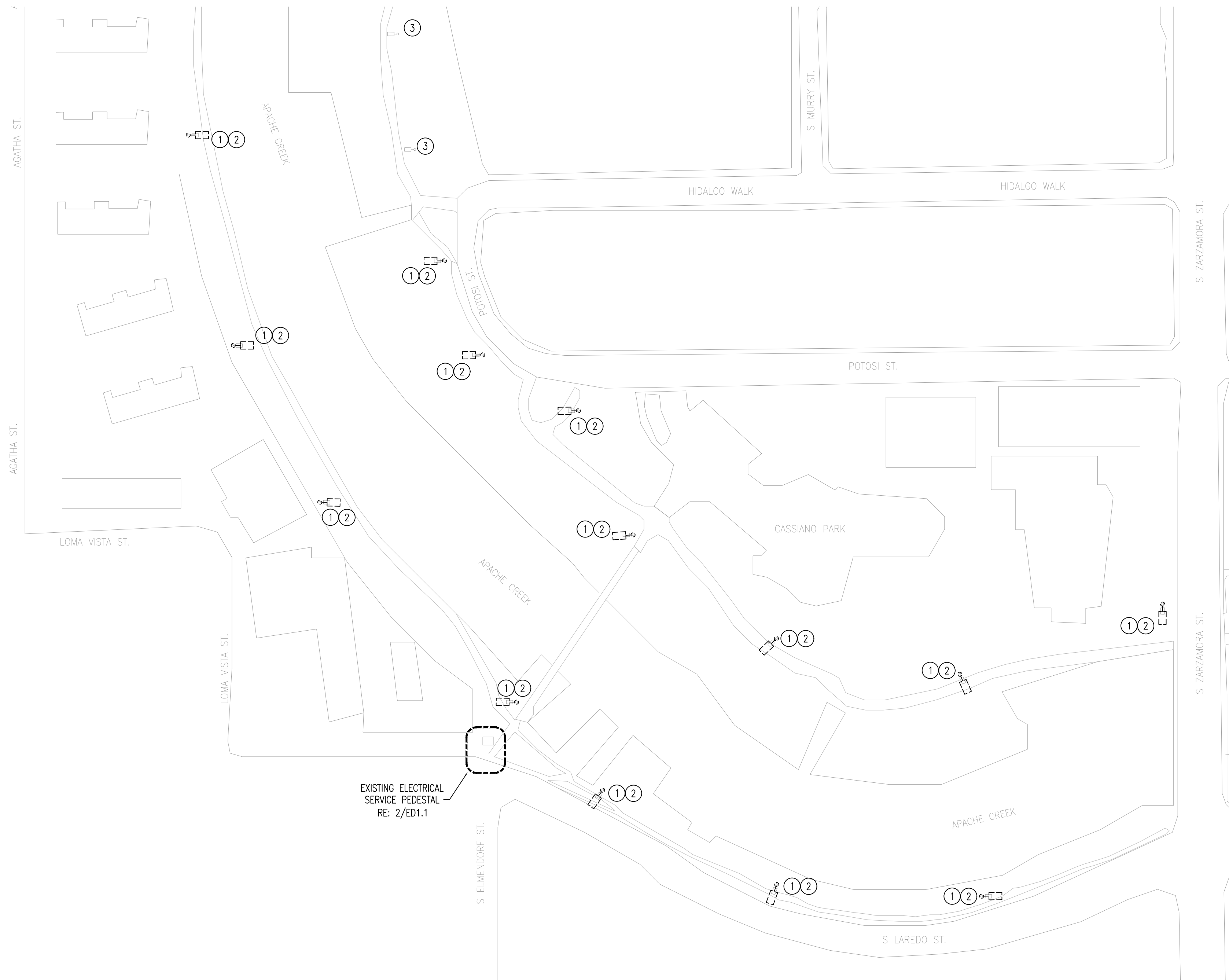


CITY OF SAN ANTONIO
APACHE CREEK LIGHTING UPGRADES

ENLARGED ELECTRICAL SITE PLAN
 AREA 4
 DEMOLITION
 BASE BID

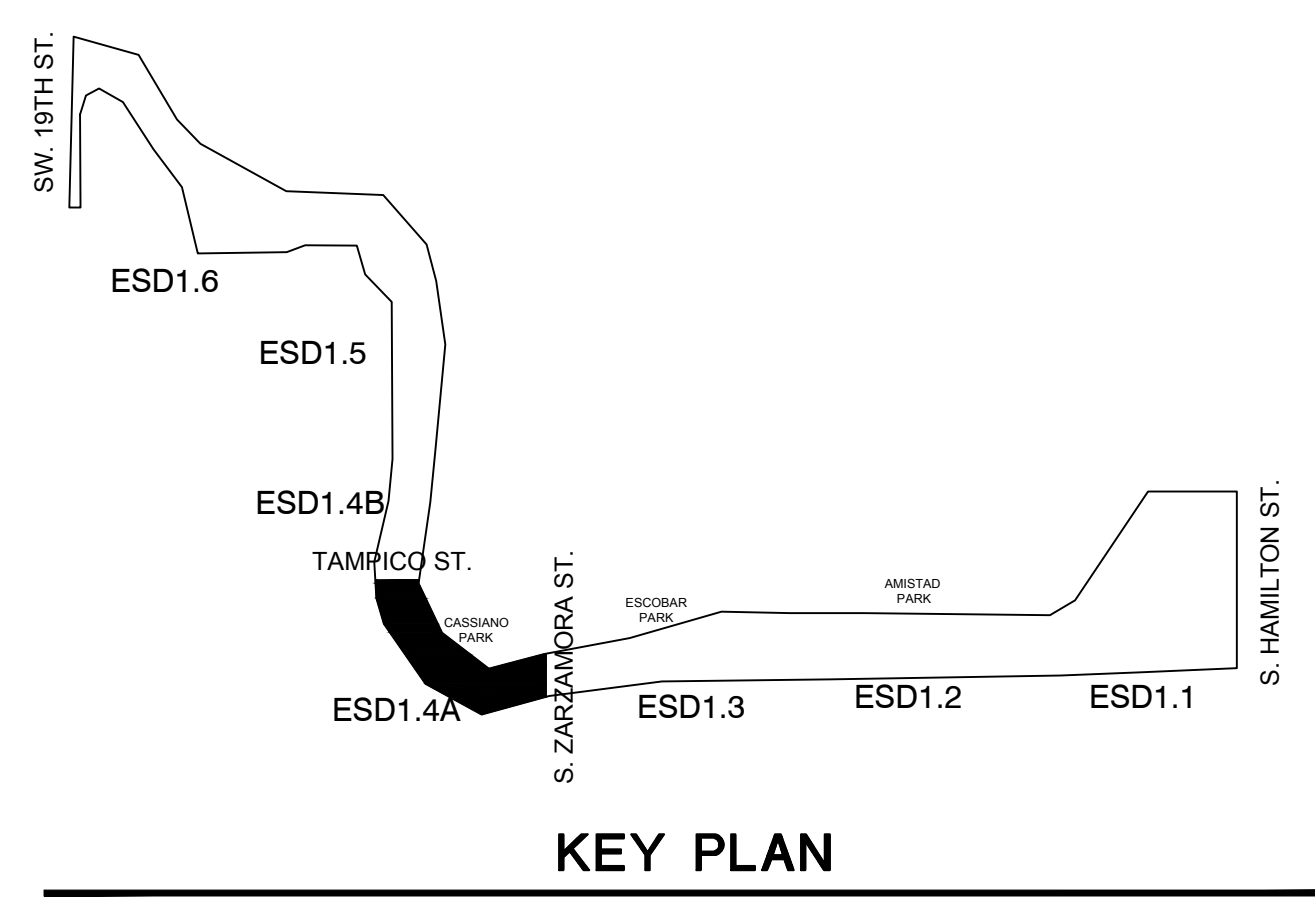
PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

SHEET:
ESD1.3



ALTERNATE 1
ENLARGED ELECTRICAL SITE PLAN - AREA 3 - SECTION A - DEMOLITION
 SCALE: 1" = 70' - 0"

- KEYED NOTES:** (APPLIES TO THIS SHEET)
- EXISTING LIGHT POLE AND ASSOCIATED ELECTRICAL COMPONENTS TO BE REMOVED. REMOVE ASSOCIATED POLE BASE DOWN TO 2'-0" BELOW GRADE, ABANDONED REMAINDER IN PLACE.
 - ALL UNDERGROUND CONDUIT SERVING LIGHT POLES TO BE ABANDONED 24" UNDERGROUND.
 - EXISTING LIGHT FIXTURE TO REMAIN.



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CITY OF SAN ANTONIO
APACHE CREEK LIGHTING UPGRADES

ENLARGED ELECTRICAL SITE PLAN
 AREA 3
 SECTION A
 DEMOLITION
 ALTERNATE 1

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

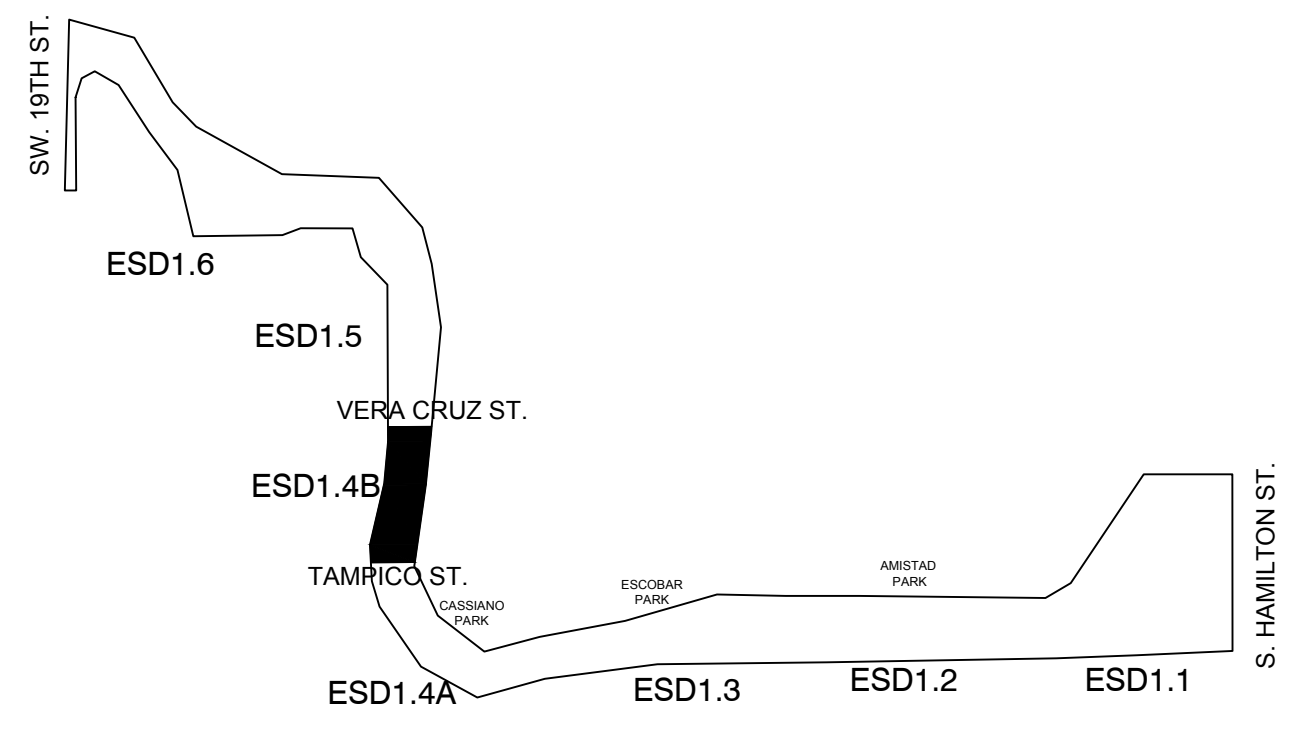
SHEET:
ESD1.4A



ALTERNATE 1
ENLARGED ELECTRICAL SITE PLAN - AREA 3 - SECTION B - DEMOLITION
 SCALE: 1" = 70' - 0"

KEYED NOTES: (APPLIES TO THIS SHEET)

- EXISTING LIGHT POLE AND ASSOCIATED ELECTRICAL COMPONENTS TO BE REMOVED. REMOVE ASSOCIATED POLE BASE DOWN TO 2'-0" BELOW GRADE, ABANDONED REMAINDER IN PLACE.
- ALL UNDERGROUND CONDUIT SERVING LIGHT POLES TO BE ABANDONED 24" UNDERGROUND.
- EXISTING LIGHT FIXTURE TO REMAIN.



KEY PLAN

REVISIONS:

△ Addendum 01	09/11/2020
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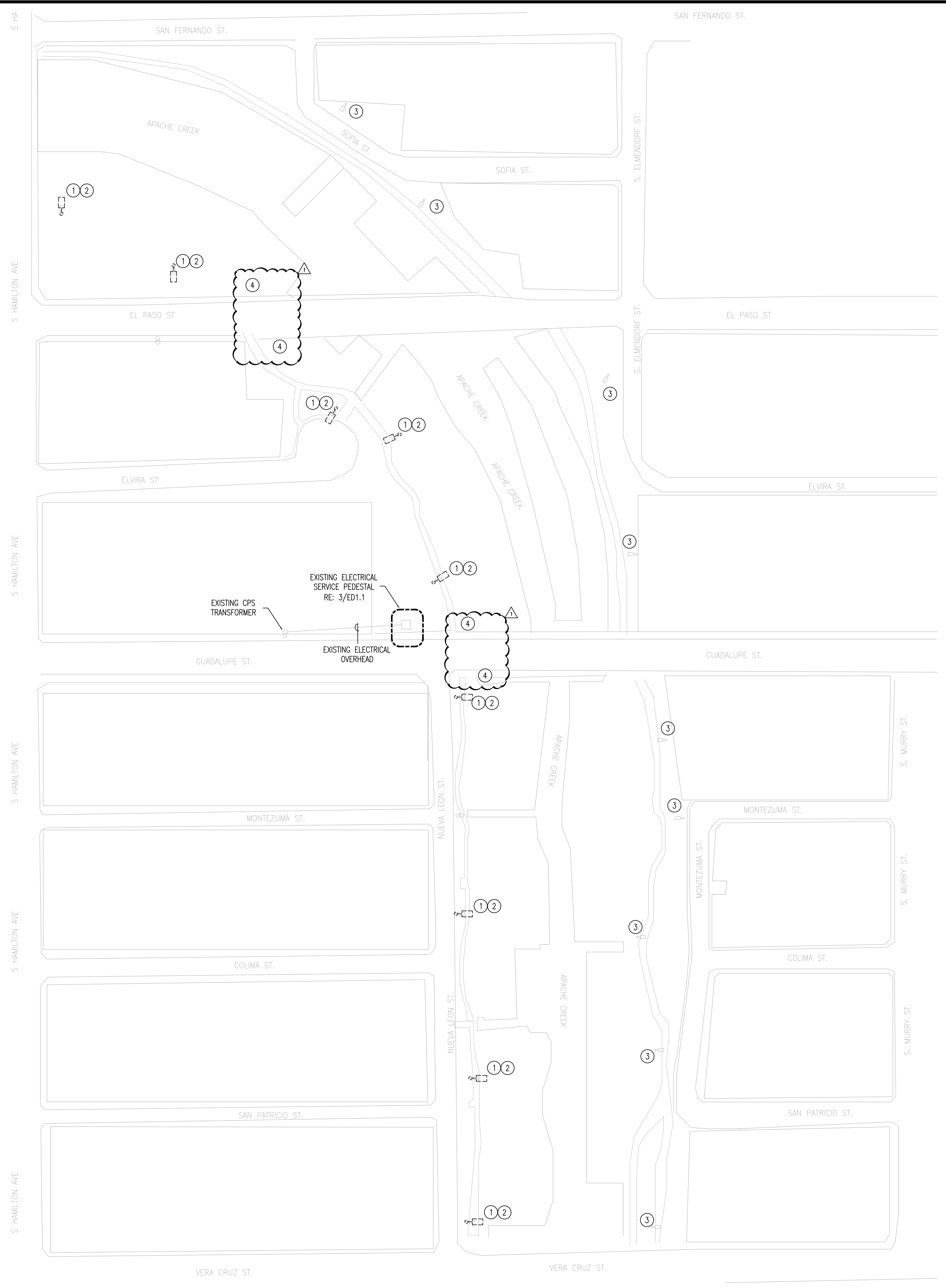
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APACHE CREEK LIGHTING UPGRADES

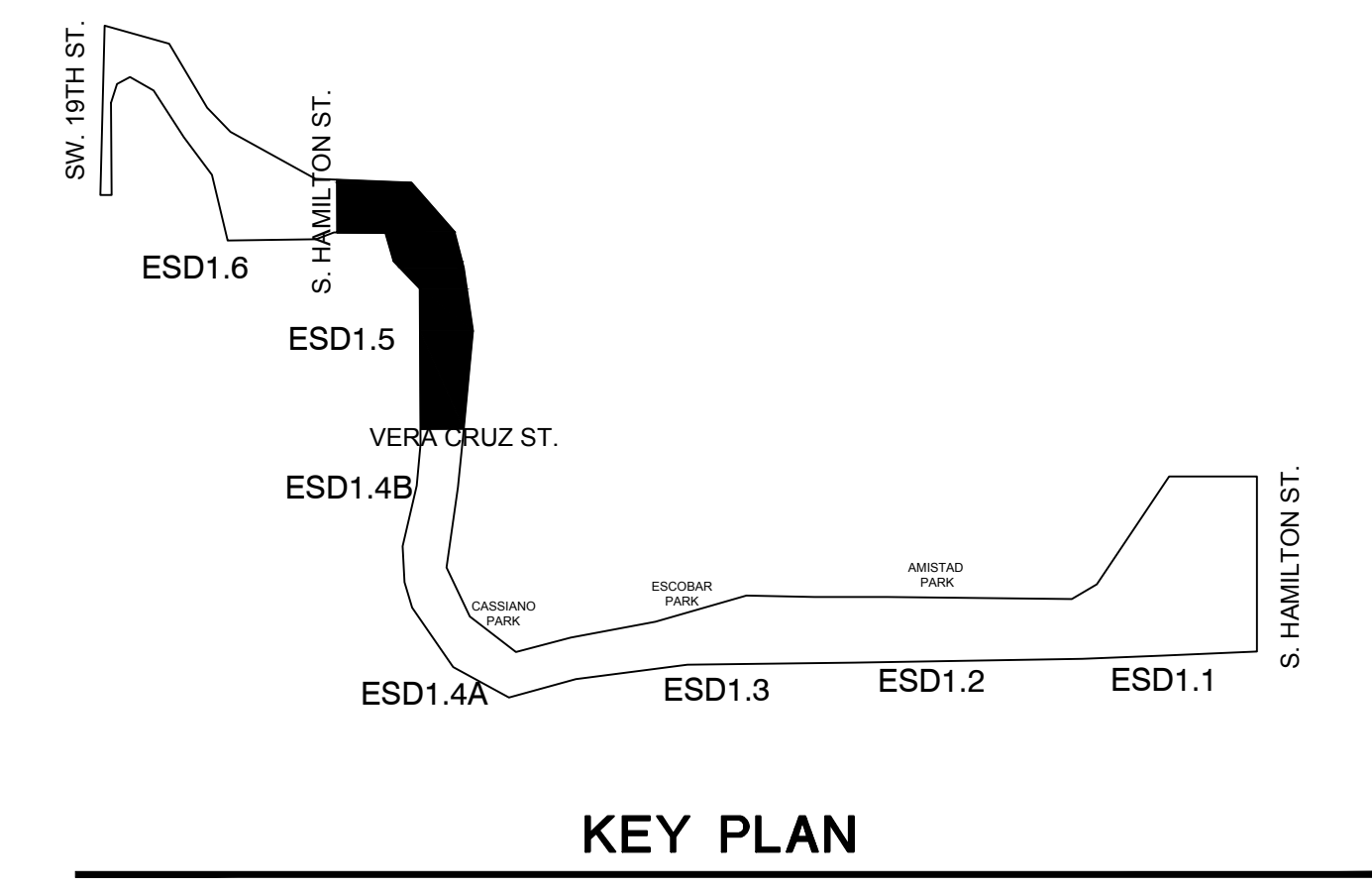
ENLARGED ELECTRICAL SITE PLAN
 AREA 3
 SECTION B
 DEMOLITION
 ALTERNATE 1

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

SHEET:
ESD1.4B



- KEYED NOTES:** (APPLIES TO THIS SHEET)
1. EXISTING LIGHT POLE AND ASSOCIATED ELECTRICAL COMPONENTS TO BE REMOVED. REMOVE ASSOCIATED POLE BASE DOWN TO 2'-0" BELOW GRADE, ABANDONED REMAINDER IN PLACE.
 2. ALL UNDERGROUND CONDUIT SERVING LIGHT POLES TO BE ABANDONED 24" UNDERGROUND.
 3. EXISTING LIGHT FIXTURE TO REMAIN.
 4. EXISTING CONDUIT AND ASSOCIATED FEEDER ROUTED ACROSS BRIDGE TO BE REMOVE.



ALTERNATE 2
ENLARGED ELECTRICAL SITE PLAN - AREA 2 - DEMOLITION
 SCALE: 1" = 70' - 0"

REVISIONS:
 Addendum 01 09/11/2020

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LON W. CULBERTSON
 LICENSED PROFESSIONAL ENGINEER
 105679
 9-11-2020
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CITY OF SAN ANTONIO
APACHE CREEK LIGHTING UPGRADES

ENLARGED ELECTRICAL SITE PLAN
 AREA 2
 DEMOLITION
 ALTERNATE 2

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

SHEET:
ESD1.5

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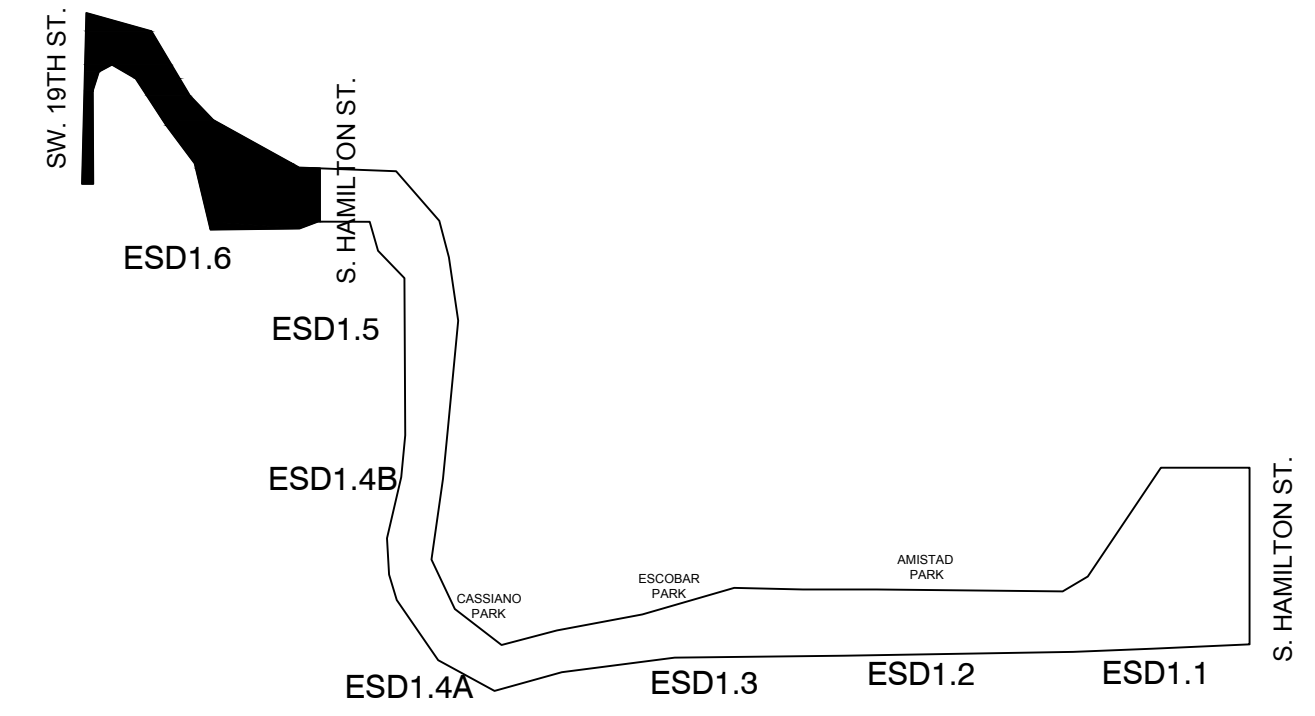
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KEYED NOTES: (APPLIES TO THIS SHEET)

- EXISTING LIGHT POLE AND ASSOCIATED ELECTRICAL COMPONENTS TO BE REMOVED. REMOVE ASSOCIATED POLE BASE DOWN TO 2'-0" BELOW GRADE, ABANDONED REMAINDER IN PLACE.
- ALL UNDERGROUND CONDUIT SERVING LIGHT POLES TO BE ABANDONED 24" UNDERGROUND.
- EXISTING LIGHT FIXTURE TO REMAIN.



**ALTERNATE 3
 ENLARGED ELECTRICAL SITE PLAN - AREA 1 - DEMOLITION**
 SCALE: 1" = 70' - 0"



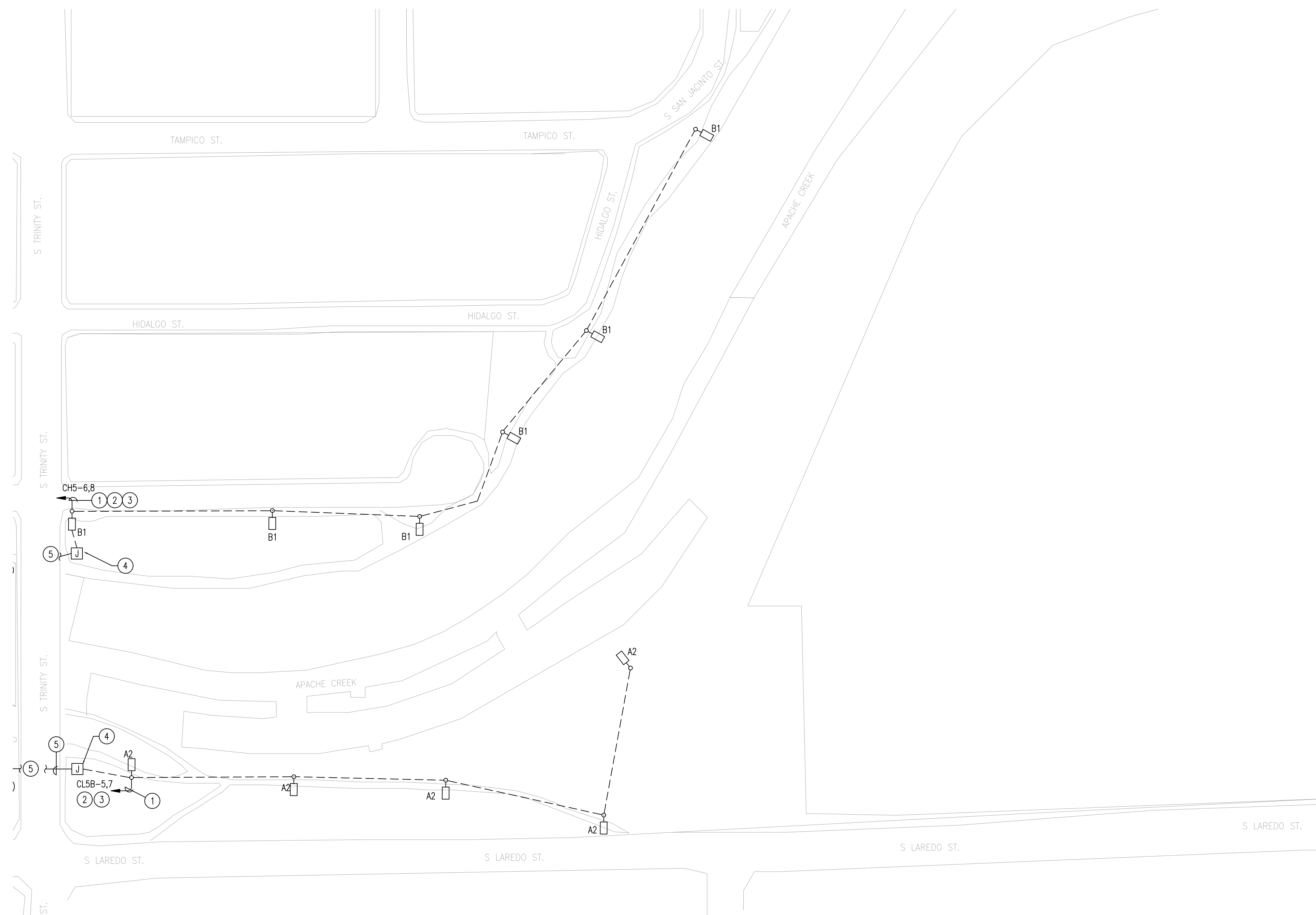
KEY PLAN

**CITY OF SAN ANTONIO
 APACHE CREEK LIGHTING UPGRADES**

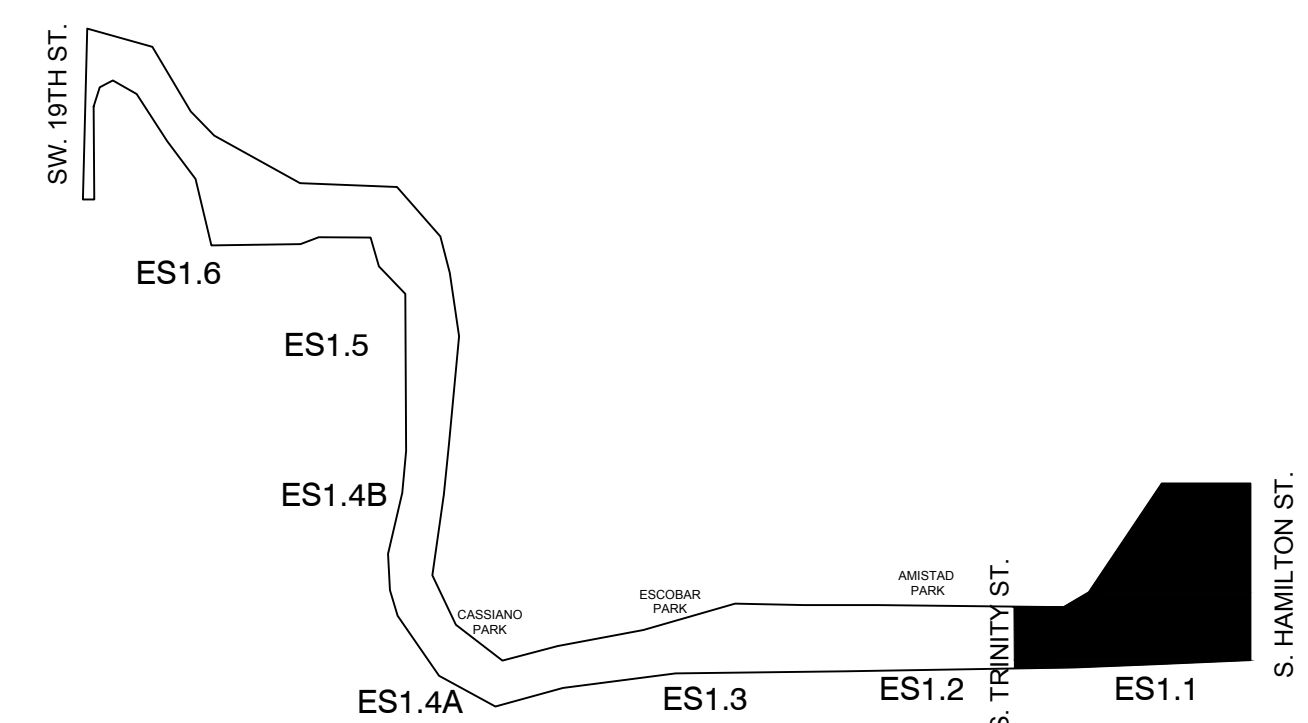
ENLARGED ELECTRICAL SITE PLAN
 AREA 1
 DEMOLITION
 ALTERNATE 3

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

SHEET:
ESD1.6



1
**BASE BID
ENLARGED ELECTRICAL SITE PLAN - AREA 6 - NEW WORK**
 SCALE: 1" = 70' - 0"



KEY PLAN

NOTE TO CONTRACTOR:

REPAIR & RESTORATION OF EXISTING WALKING PATHS

- CONCRETE WALKING PATH**
1. REPAIR & REPLACE AS REQUIRED EXISTING CONCRETE WALKING PATH AREAS DISTURBED BY DEMOLITION & CONSTRUCTION.
 2. WHEREVER POSSIBLE, JACK CONDUITS UNDER CONCRETE WALKWAY IF CROSSING IS REQUIRED.
 3. FOR REPAIR OF DAMAGED OR REMOVED AREAS OF CONCRETE WALKWAYS, PROVIDE REBAR DOWELS & REINFORCEMENT TO TIE NEW CONCRETE TO EXISTING CONCRETE. SEE ELECTRICAL DETAILS.

UNPAVED WALKING PATH

1. REPAIR EXISTING UNPAVED WALKING PATH TO FLAT CONDITION, READY FOR ADDITION OF COVER MATERIAL BY THE PARKS DEPT.
2. PROPERLY BACKFILL & GRADE FLAT EXISTING UNPAVED WALKING TRAIL AREAS DISTURBED BY DEMOLITION & CONSTRUCTION.

LOCATION OF NEW POLE BASE

1. NEW LOCATION OF POLE BASE(S) SHALL BE 6'-0" FROM CENTER OF OLD BASE TO CENTER OF NEW POLE BASE.

KEYED NOTES:

(APPLIES TO THIS SHEET)

1. PROVIDE CONDUIT(S) FOR CIRCUITRY, AS INDICATED. COORDINATE ROUTING WITH ENGINEER(S) PRIOR TO TRENCHING TO AVOID CONFLICTS WITH ANY FIELD ITEMS.
2. PROVIDE (1) 1" CONDUIT FOR LIGHTING CIRCUIT WITH (2)#8 AWG CU, AND (1)#8 GND.
3. ROUTE CIRCUIT THRU LIGHTING CONTACTOR/TIMELOCK ASSEMBLY.
4. PROVIDE IN-GROUND PULL BOX. COORDINATE LOCATION WITH ENGINEER(S) PRIOR TO ROUGH-IN TO AVOID ANY CONFLICTS WITH ANY FIELD ITEMS.
5. PROVIDE NEW (1) 1" CONDUIT ACROSS BRIDGE. ROUTE CONDUIT UNDERNEATH AND ACROSS BRIDGE.

REVISIONS:
 Addendum 01 09/11/2020

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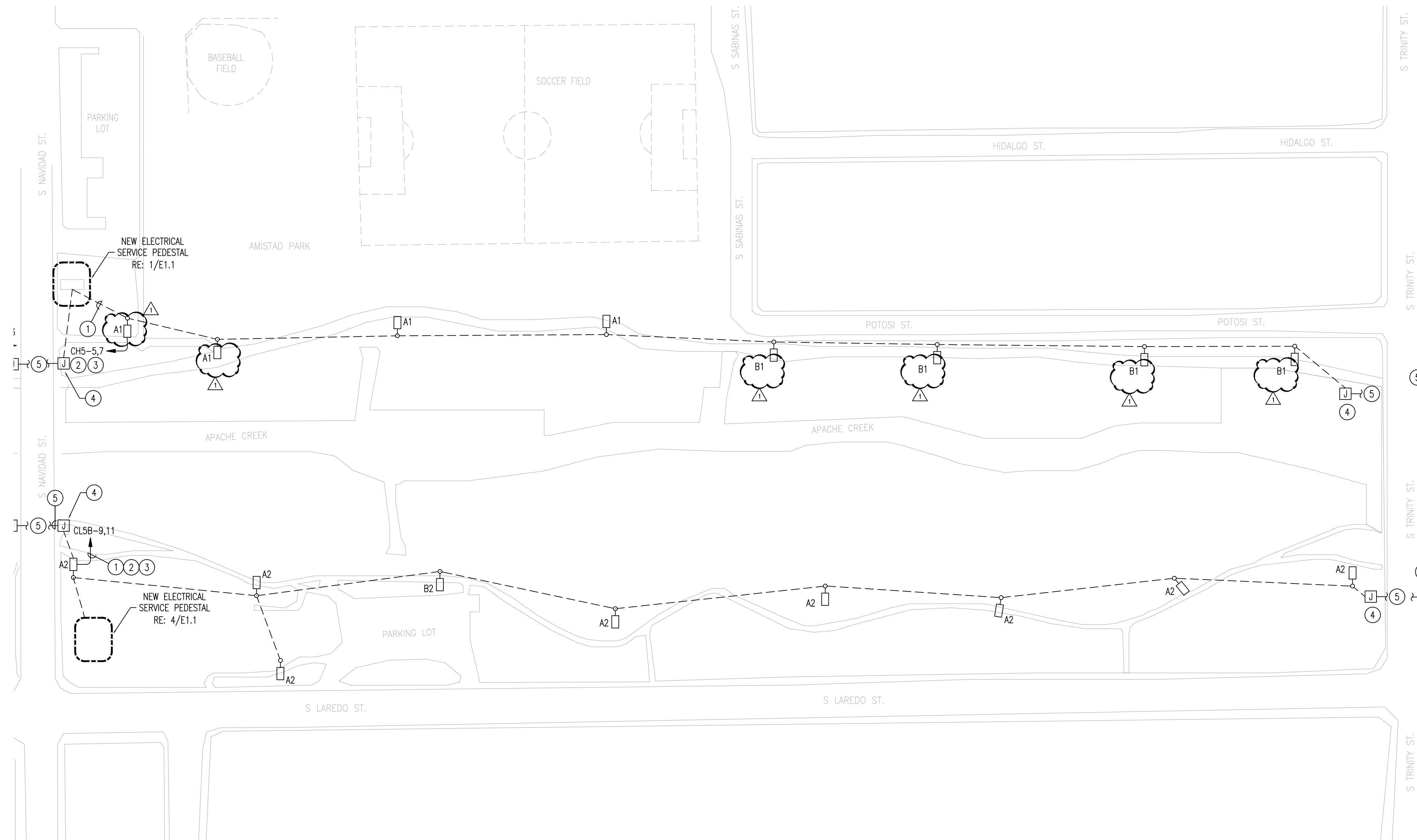
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**CITY OF SAN ANTONIO
APACHE CREEK LIGHTING UPGRADES**

ENLARGED ELECTRICAL SITE PLAN
 AREA 6
 NEW WORK
 BASE BID

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

SHEET:
ES1.1



NORTH
 1
BASE BID
ENLARGED ELECTRICAL SITE PLAN - AREA 5 - NEW WORK
 SCALE: 1" = 70' - 0"

NOTE TO CONTRACTOR:

REPAIR & RESTORATION OF EXISTING WALKING PATHS

CONCRETE WALKING PATH

1. REPAIR & REPLACE AS REQUIRED EXISTING CONCRETE WALKING PATH AREAS DISTURBED BY DEMOLITION & CONSTRUCTION.
2. WHEREVER POSSIBLE, JACK CONDUITS UNDER CONCRETE WALKWAY IF CROSSING IS REQUIRED.
3. FOR REPAIR OF DAMAGED OR REMOVED AREAS OF CONCRETE WALKWAYS, PROVIDE REBAR DOWELS & REINFORCEMENT TO TIE NEW CONCRETE TO EXISTING CONCRETE. SEE ELECTRICAL DETAILS.

UNPAVED WALKING PATH

1. REPAIR EXISTING UNPAVED WALKING PATH TO FLAT CONDITION, READY FOR ADDITION OF COVER MATERIAL BY THE PARKS DEPT.
2. PROPERLY BACKFILL & GRADE FLAT EXISTING UNPAVED WALKING TRAIL AREAS DISTURBED BY DEMOLITION & CONSTRUCTION.

LOCATION OF NEW POLE BASE

1. NEW LOCATION OF POLE BASE(S) SHALL BE 6'-0" FROM CENTER OF OLD BASE TO CENTER OF NEW POLE BASE.

KEYED NOTES:

(APPLIES TO THIS SHEET)

1. PROVIDE CONDUIT(S) FOR CIRCUITRY, AS INDICATED. COORDINATE ROUTING WITH ENGINEER(S) PRIOR TO TRENCHING TO AVOID CONFLICTS WITH ANY FIELD ITEMS.
2. PROVIDE (1) 1" CONDUIT FOR LIGHTING CIRCUIT WITH (2) #8 AWG CU, AND (1) #8 GND.
3. ROUTE CIRCUIT THRU LIGHTING CONTACTOR/TIMECLOCK ASSEMBLY.
4. PROVIDE IN-GROUND PULL BOX, COORDINATE LOCATION WITH ENGINEER(S) PRIOR TO TRENCHING TO AVOID ANY CONFLICTS WITH ANY FIELD ITEMS.
5. PROVIDE NEW (1) 1" CONDUIT ACROSS BRIDGE. ROUTE CONDUIT UNDERNEATH AND ACROSS BRIDGE.

REVISIONS:
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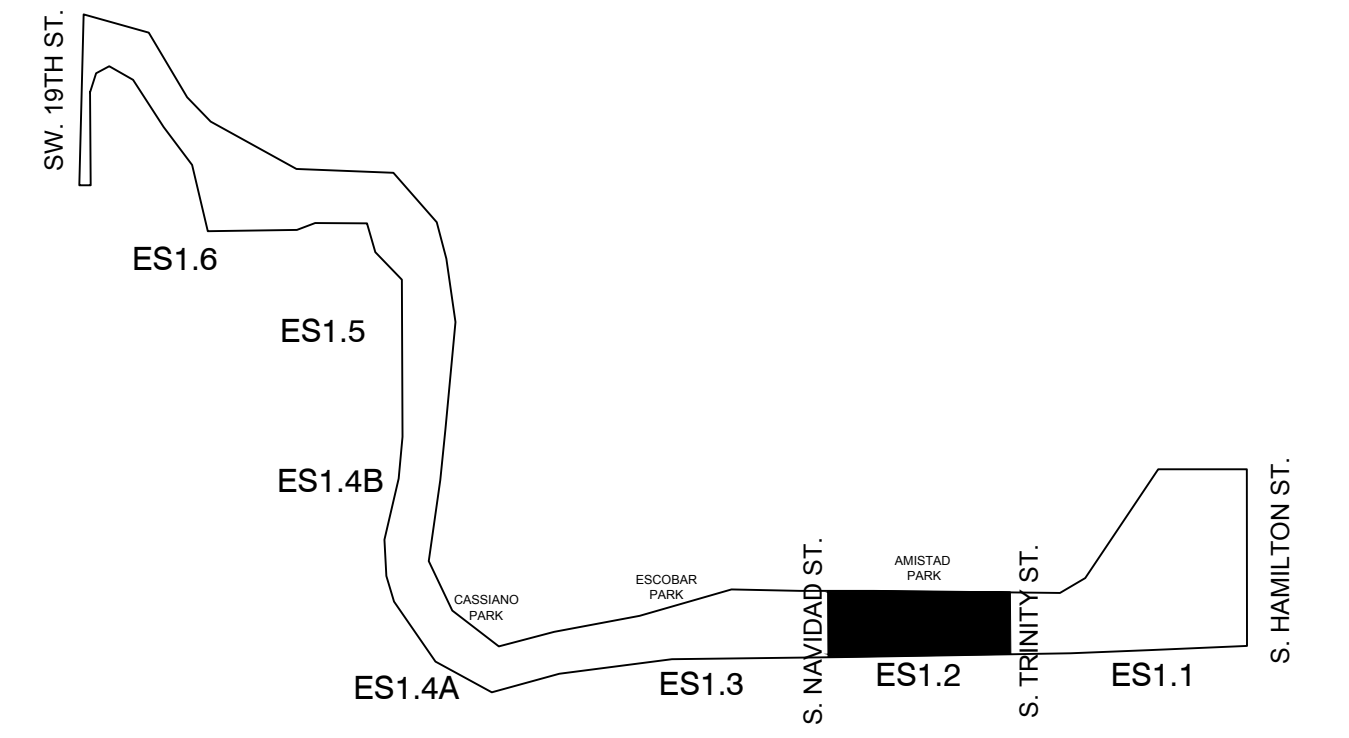
CITY OF SAN ANTONIO
APACHE CREEK LIGHTING UPGRADES

ENLARGED ELECTRICAL SITE PLAN AREA 5 NEW WORK BASE BID

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

SHEET:

ES1.2



KEY PLAN

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NOTE TO CONTRACTOR:

REPAIR & RESTORATION OF EXISTING WALKING PATHS

CONCRETE WALKING PATH

1. REPAIR & REPLACE AS REQUIRED EXISTING CONCRETE WALKING PATH AREAS DISTURBED BY DEMOLITION & CONSTRUCTION.
2. WHEREVER POSSIBLE, JACK CONDUITS UNDER CONCRETE WALKWAY IF CROSSING IS REQUIRED.
3. FOR REPAIR OF DAMAGED OR REMOVED AREAS OF CONCRETE WALKWAYS, PROVIDE REBAR DOWELS & REINFORCEMENT TO TIE NEW CONCRETE TO EXISTING CONCRETE. SEE ELECTRICAL DETAILS.

UNPAVED WALKING PATH

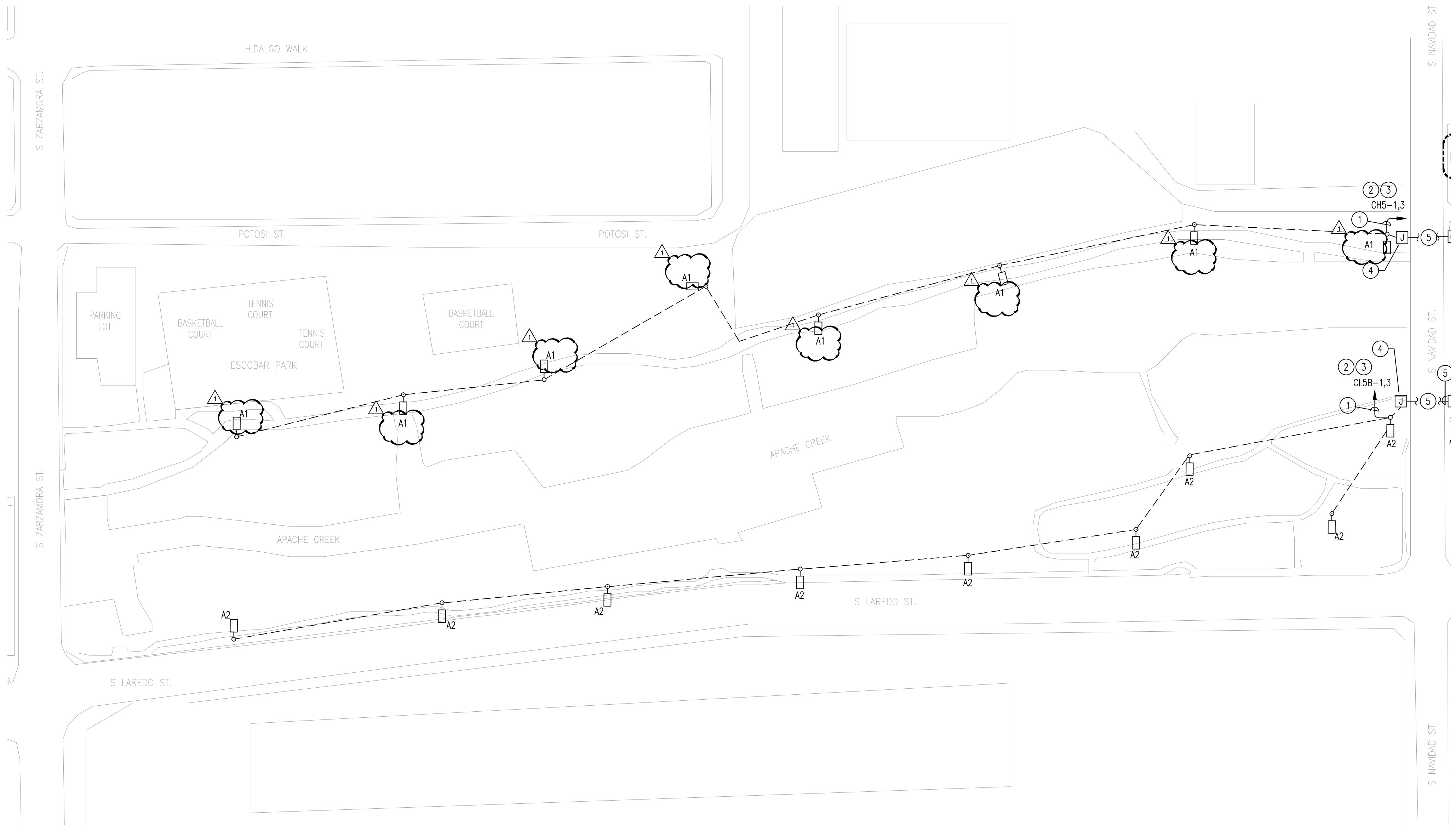
1. REPAIR EXISTING UNPAVED WALKING PATH TO FLAT CONDITION, READY FOR ADDITION OF COVER MATERIAL BY THE PARKS DEPT.
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LOCATION OF NEW POLE BASE

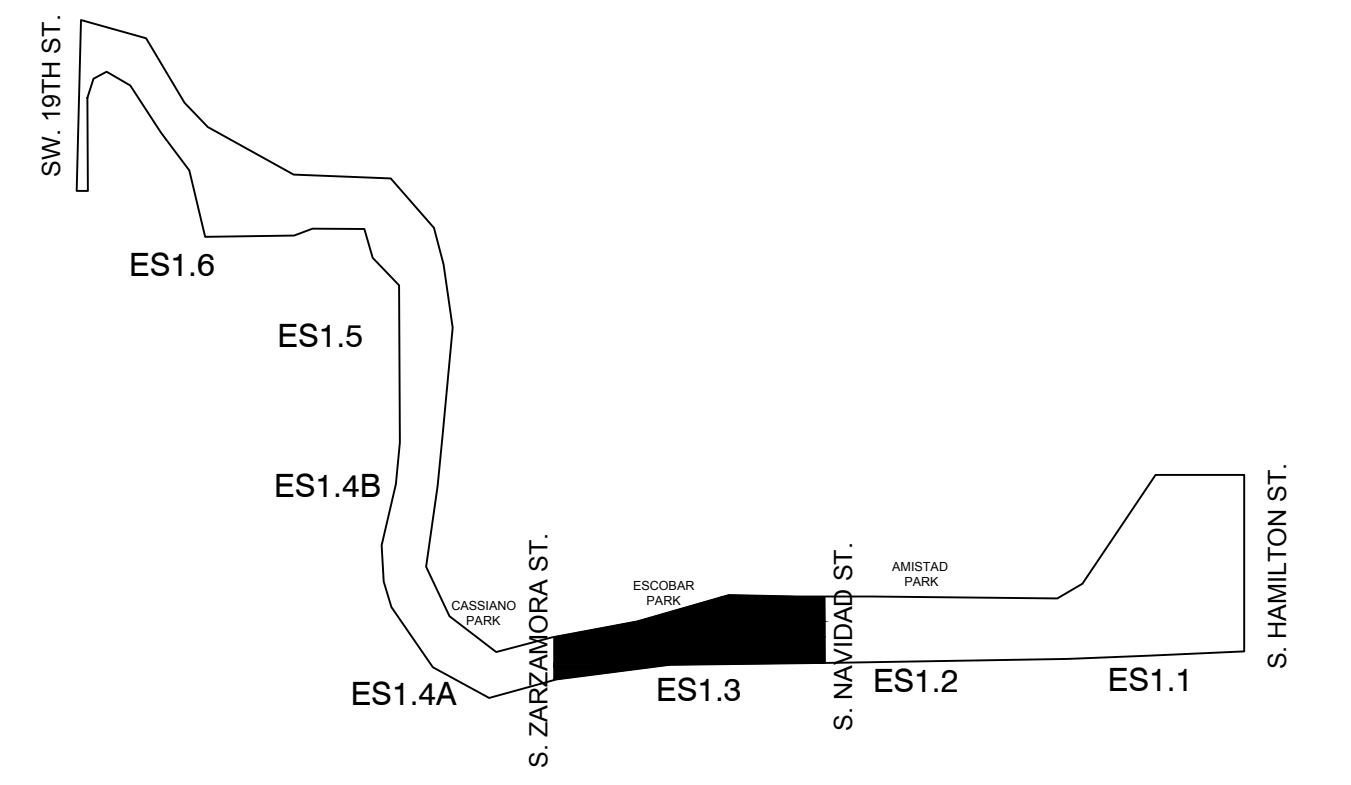
1. NEW LOCATION OF POLE BASE(S) SHALL BE 6'-0" FROM CENTER OF OLD BASE TO CENTER OF NEW POLE BASE.

KEYED NOTES: (APPLIES TO THIS SHEET)

1. PROVIDE CONDUIT(S) FOR CIRCUITRY, AS INDICATED. COORDINATE ROUTING WITH ENGINEER(S) PRIOR TO TRENCHING TO AVOID CONFLICTS WITH ANY FIELD ITEMS.
2. PROVIDE (1) 1" CONDUIT FOR LIGHTING CIRCUIT WITH (2)#8 AWG CU, AND (1)#8 GND.
3. ROUTE CIRCUIT THRU LIGHTING CONTACTOR/TIMECLOCK ASSEMBLY.
4. PROVIDE IN-GROUND PULL BOX. COORDINATE LOCATION WITH ENGINEER(S) PRIOR TO ROUGH-IN TO AVOID ANY CONFLICTS WITH ANY FIELD ITEMS.
5. PROVIDE NEW (1) 1" CONDUIT ACROSS BRIDGE. ROUTE CONDUIT UNDERNEATH AND ACROSS BRIDGE.



BASE BID ENLARGED ELECTRICAL SITE PLAN - AREA 4 - NEW WORK
 SCALE: 1" = 70' - 0"
 NORTH



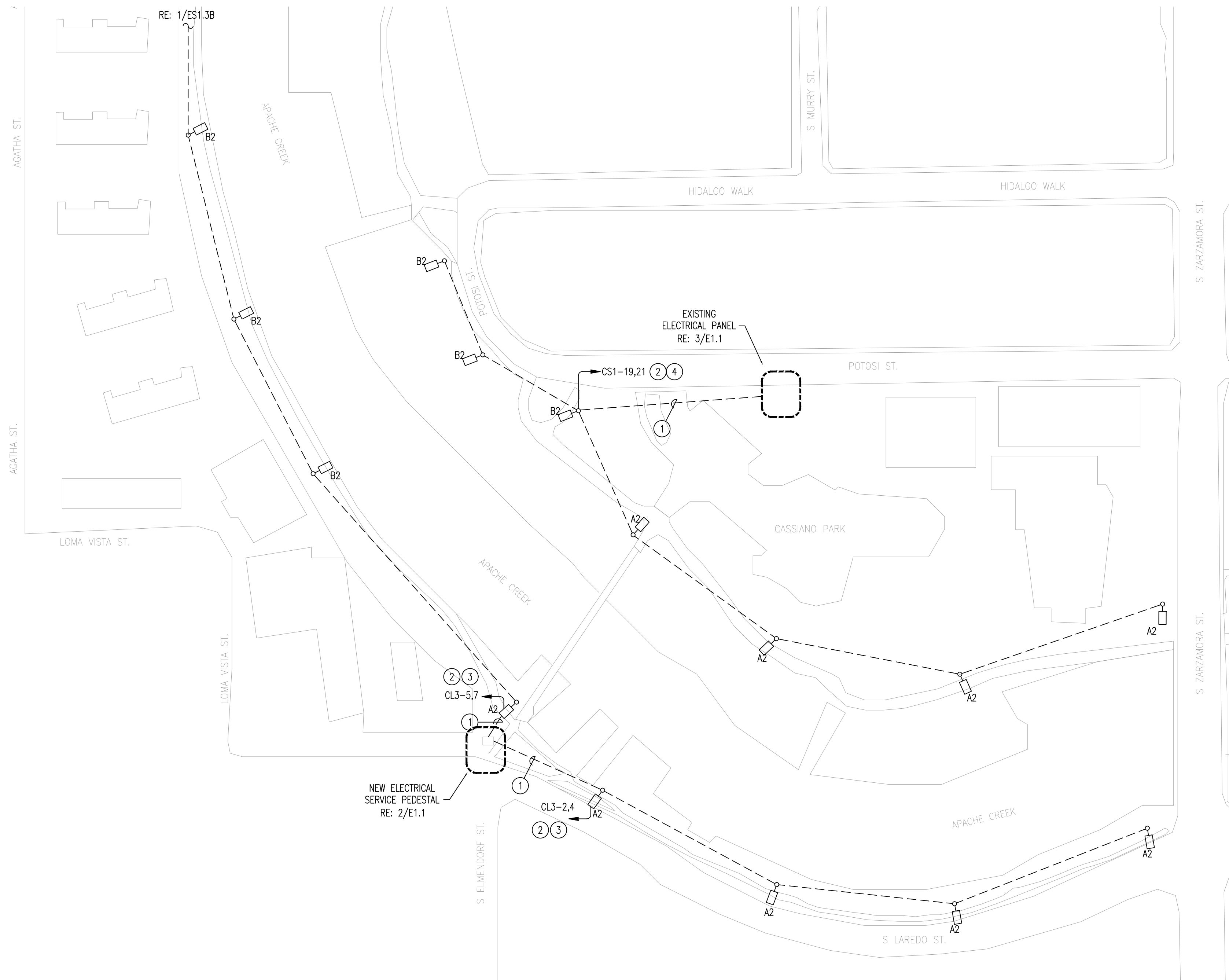
KEY PLAN

**CITY OF SAN ANTONIO
 APACHE CREEK LIGHTING UPGRADES**

ENLARGED ELECTRICAL SITE PLAN
 AREA 4
 NEW WORK
 BASE BID

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

SHEET:
ES1.3



ALTERNATE 1
ENLARGED ELECTRICAL SITE PLAN - AREA 3 - SECTION A - NEW WORK
 SCALE: 1" = 70' - 0"

NOTE TO CONTRACTOR:

REPAIR & RESTORATION OF EXISTING WALKING PATHS

CONCRETE WALKING PATH

1. REPAIR & REPLACE AS REQUIRED EXISTING CONCRETE WALKING PATH AREAS DISTURBED BY DEMOLITION & CONSTRUCTION.
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3. FOR REPAIR OF DAMAGED OR REMOVED AREAS OF CONCRETE WALKWAYS, PROVIDE REBAR DOWELS & REINFORCEMENT TO TIE NEW CONCRETE TO EXISTING CONCRETE. SEE ELECTRICAL DETAILS.

UNPAVED WALKING PATH

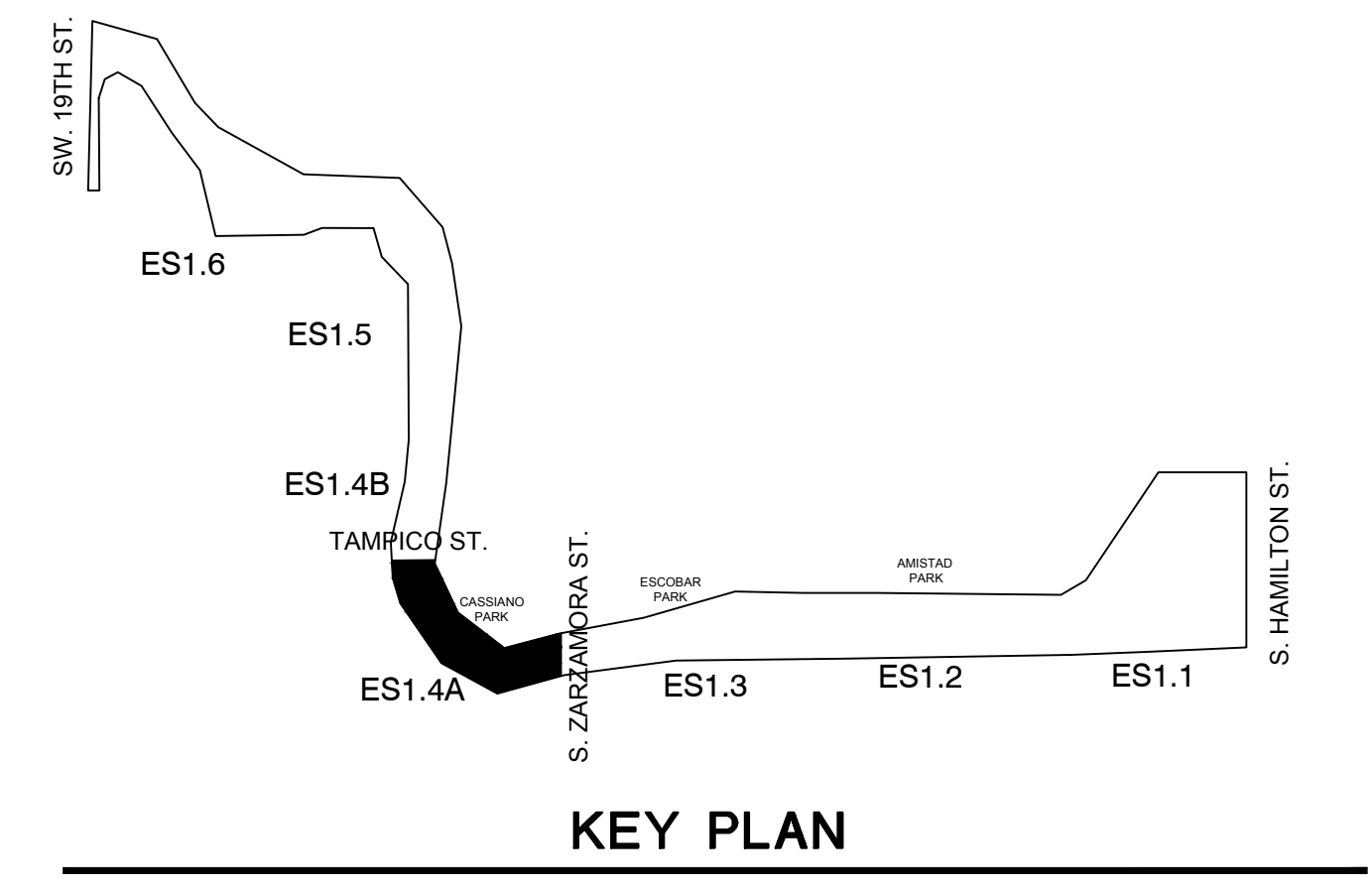
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2. PROPERLY BACKFILL & GRADE FLAT EXISTING UNPAVED WALKING TRAIL AREAS DISTURBED BY DEMOLITION & CONSTRUCTION.

LOCATION OF NEW POLE BASE

1. NEW LOCATION OF POLE BASE(S) SHALL BE 6'-0" FROM CENTER OF OLD BASE TO CENTER OF NEW POLE BASE.

KEYED NOTES: (APPLIES TO THIS SHEET) ○

1. PROVIDE CONDUIT(S) FOR CIRCUITRY, AS INDICATED. COORDINATE ROUTING WITH ENGINEER(S) PRIOR TO TRENCHING TO AVOID CONFLICTS WITH ANY FIELD ITEMS.
2. PROVIDE (1) 1" CONDUIT FOR LIGHTING CIRCUIT WITH (2)#8 AWG CU, AND (1)#8 GND.
3. ROUTE CIRCUIT THRU LIGHTING CONTACTOR/TIMELOCK ASSEMBLY.
4. ROUTE CIRCUIT THRU EXISTING LIGHTING CONTACTOR.



REVISIONS:
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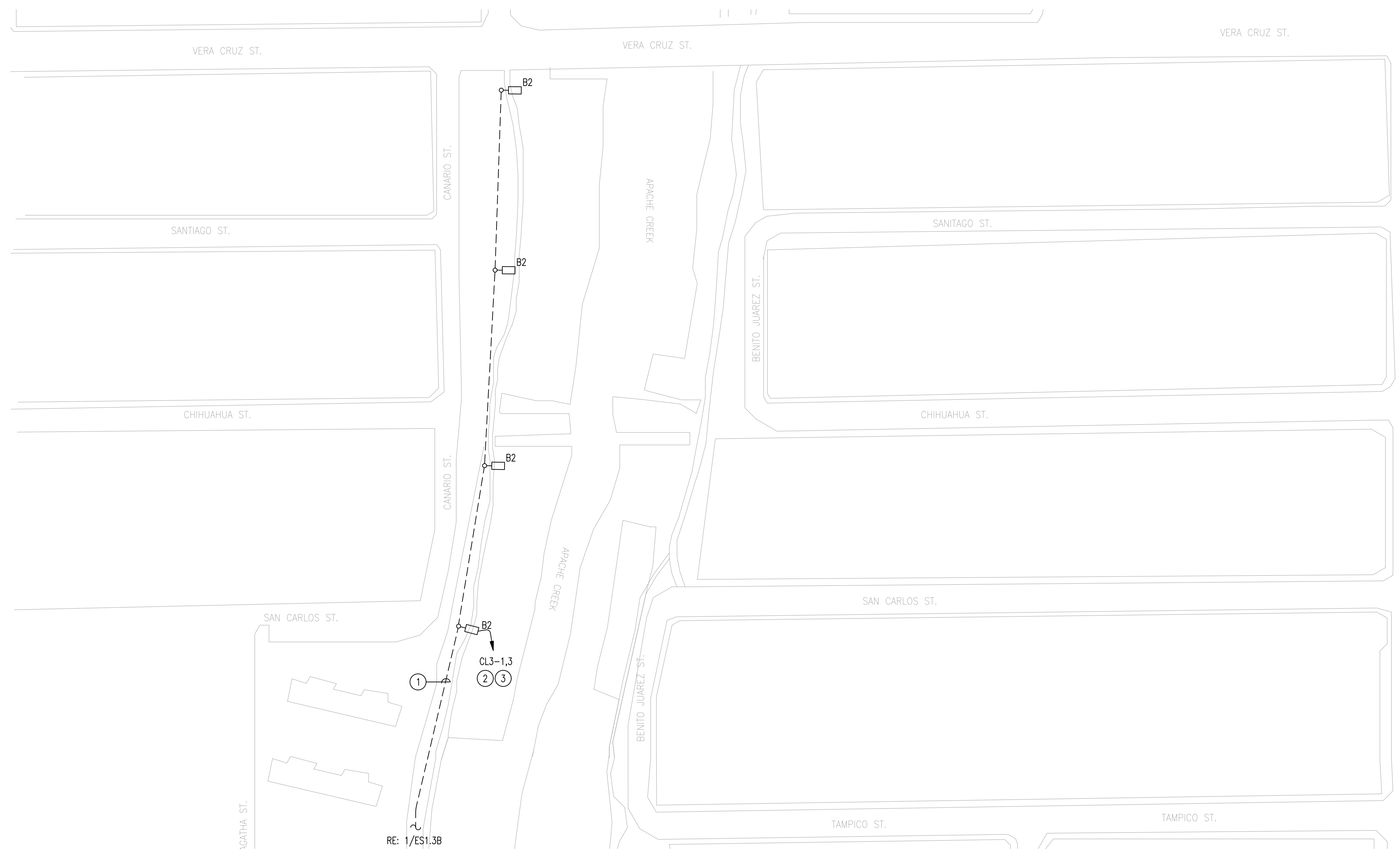
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CITY OF SAN ANTONIO
APACHE CREEK LIGHTING UPGRADES

ENLARGED ELECTRICAL SITE PLAN
 AREA 3
 SECTION A
 NEW WORK
 ALTERNATE 1

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

SHEET:
ES1.4A



ALTERNATE 1
ENLARGED ELECTRICAL SITE PLAN - AREA 3 - SECTION B - NEW WORK
 SCALE: 1" = 70' - 0"

NOTE TO CONTRACTOR:

REPAIR & RESTORATION OF EXISTING WALKING PATHS

CONCRETE WALKING PATH

- REPAIR & REPLACE AS REQUIRED EXISTING CONCRETE WALKING PATH AREAS DISTURBED BY DEMOLITION & CONSTRUCTION.
- WHEREVER POSSIBLE, JACK CONDUITS UNDER CONCRETE WALKWAY IF CROSSING IS REQUIRED.
- FOR REPAIR OF DAMAGED OR REMOVED AREAS OF CONCRETE WALKWAYS, PROVIDE REBAR DOWELS & REINFORCEMENT TO TIE NEW CONCRETE TO EXISTING CONCRETE. SEE ELECTRICAL DETAILS.

UNPAVED WALKING PATH

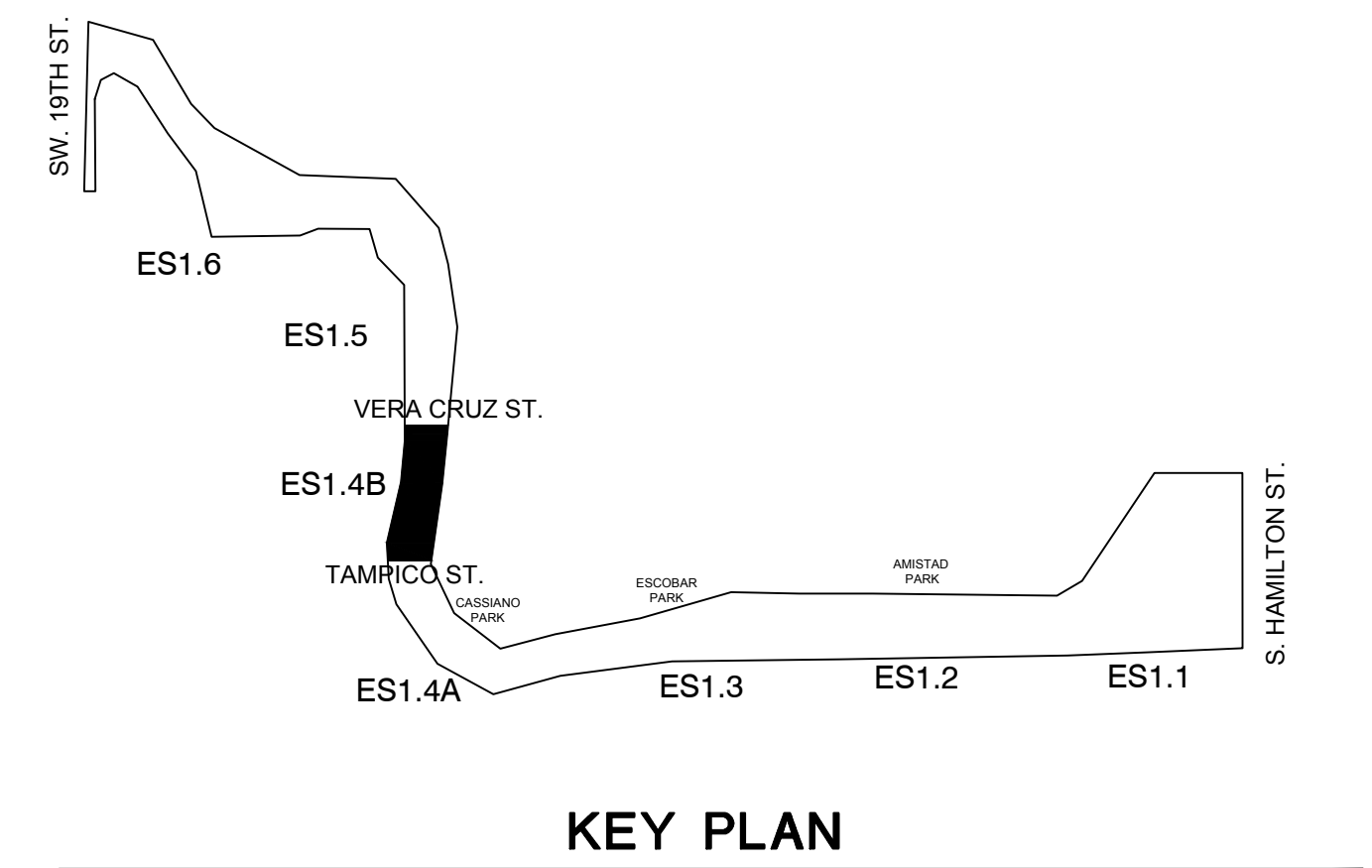
- REPAIR EXISTING UNPAVED WALKING PATH TO FLAT CONDITION, READY FOR ADDITION OF COVER MATERIAL BY THE PARKS DEPT.
- PROPERLY BACKFILL & GRADE FLAT EXISTING UNPAVED WALKING TRAIL AREAS DISTURBED BY DEMOLITION & CONSTRUCTION.

LOCATION OF NEW POLE BASE

- NEW LOCATION OF POLE BASE(S) SHALL BE 6'-0" FROM CENTER OF OLD BASE TO CENTER OF NEW POLE BASE.

KEYED NOTES: (APPLIES TO THIS SHEET) ○

- PROVIDE CONDUIT(S) FOR CIRCUITRY, AS INDICATED. COORDINATE ROUTING WITH ENGINEER(S) PRIOR TO TRENCHING TO AVOID CONFLICTS WITH ANY FIELD ITEMS.
- PROVIDE (1) 1" CONDUIT FOR LIGHTING CIRCUIT WITH (2)#8 AWG CU, AND (1)#8 GND.
- ROUTE CIRCUIT THRU LIGHTING CONTACTOR/TIMECLOCK ASSEMBLY.



REVISIONS:
 Addendum 01 09/11/2020

THESE DRAWINGS, ACCOMPANYING SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ENGINEER FOR THE PROJECT AND INTENDING TO BE USED FOR THE CONSTRUCTION OF THE PROJECT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SAN ANTONIO AND OTHER AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SAN ANTONIO AND OTHER AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SAN ANTONIO AND OTHER AGENCIES.



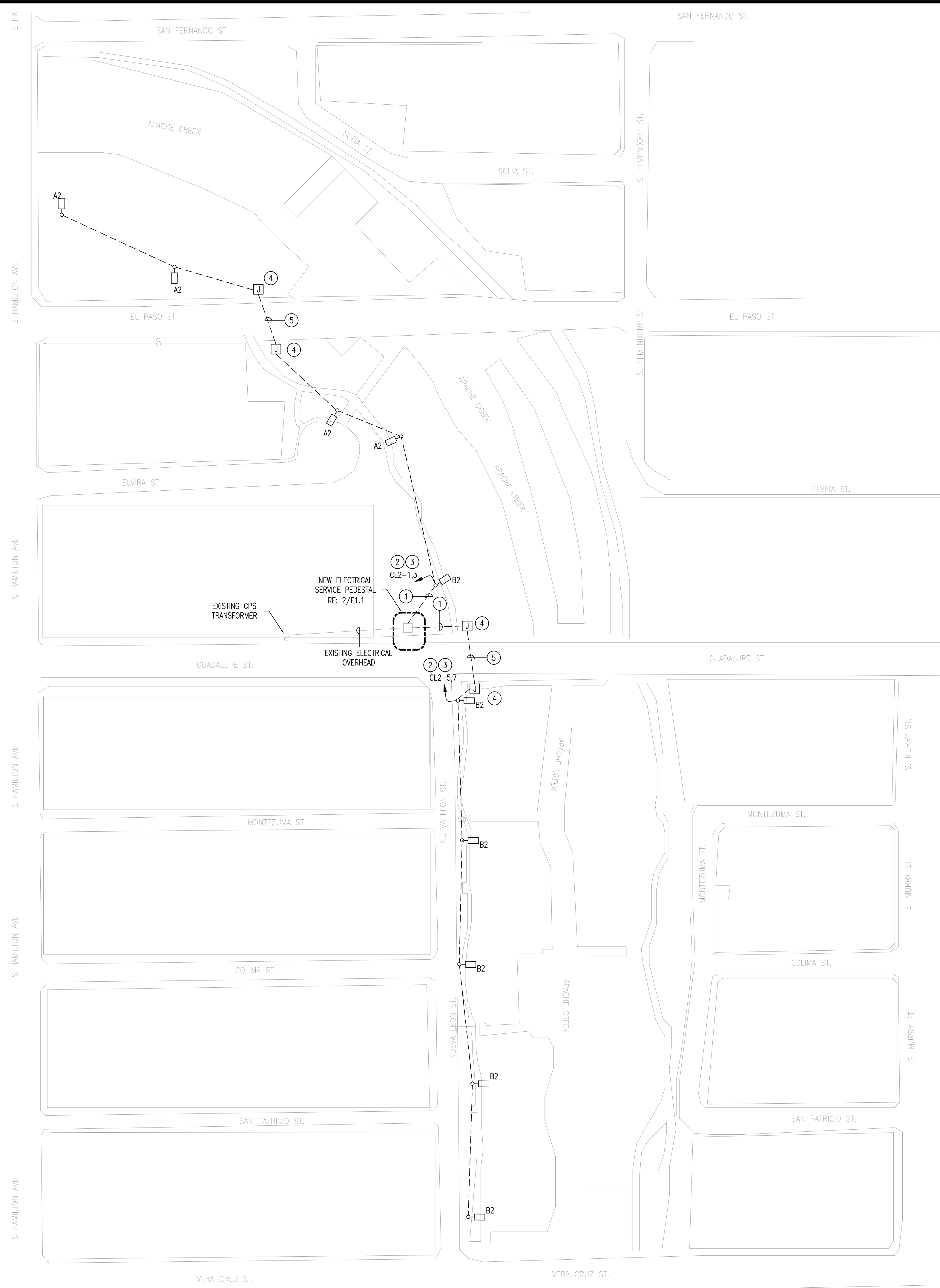
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CITY OF SAN ANTONIO
APACHE CREEK LIGHTING UPGRADES

ENLARGED ELECTRICAL SITE PLAN
 AREA 3
 SECTION B
 NEW WORK
 ALTERNATE 1

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

SHEET:
ES1.4B



NOTE TO CONTRACTOR:

REPAIR & RESTORATION OF EXISTING WALKING PATHS

CONCRETE WALKING PATH

- REPAIR & REPLACE AS REQUIRED EXISTING CONCRETE WALKING PATH AREAS DISTURBED BY DEMOLITION & CONSTRUCTION.
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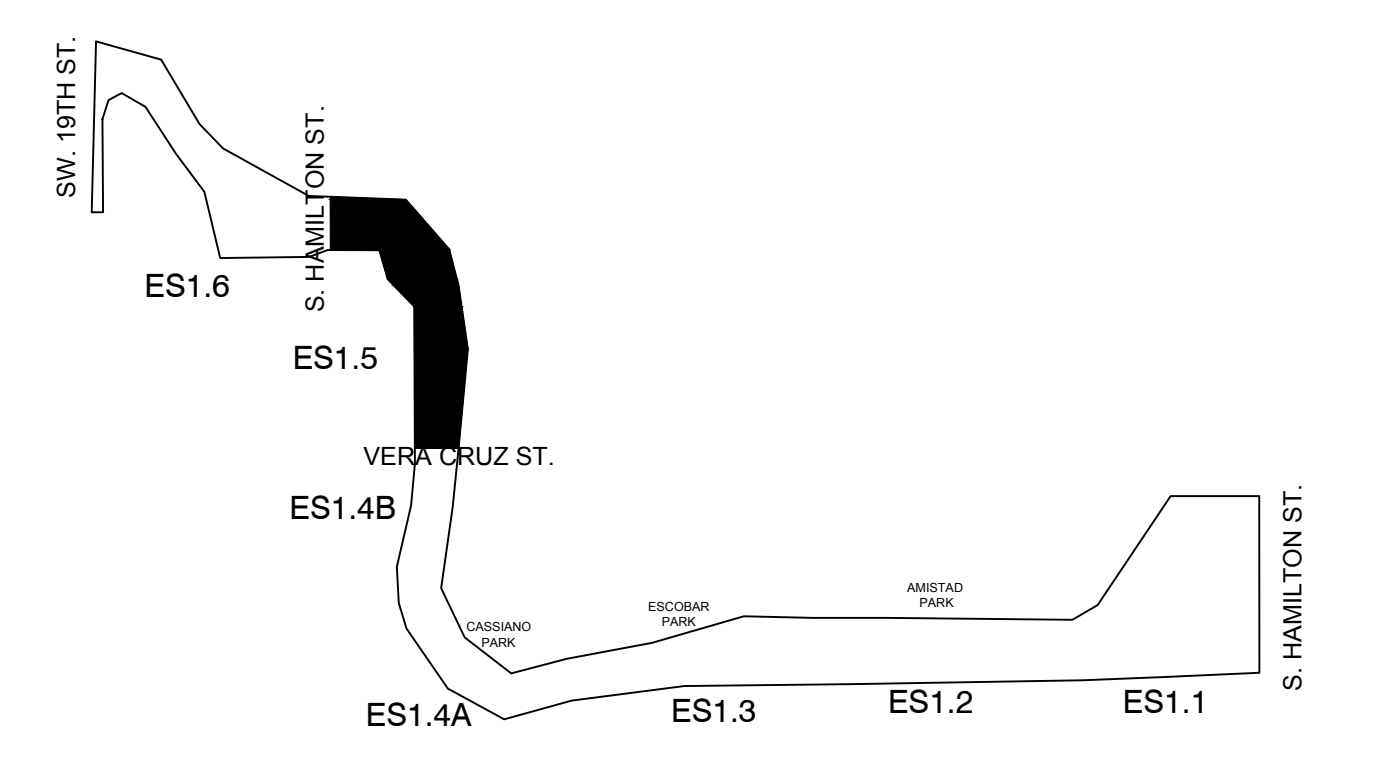
UNPAVED WALKING PATH

- REPAIR EXISTING UNPAVED WALKING PATH TO FLAT CONDITION, READY FOR ADDITION OF COVER MATERIAL BY THE PARKS DEPT.
- PROPERLY BACKFILL & GRADE FLAT EXISTING UNPAVED WALKING TRAIL AREAS DISTURBED BY DEMOLITION & CONSTRUCTION.

LOCATION OF NEW POLE BASE

- NEW LOCATION OF POLE BASE(S) SHALL BE 6'-0" FROM CENTER OF OLD BASE TO CENTER OF NEW POLE BASE.

- KEYED NOTES:** (APPLIES TO THIS SHEET) ○
- PROVIDE CONDUIT(S) FOR CIRCUITRY, AS INDICATED. COORDINATE ROUTING WITH ENGINEER(S) PRIOR TO TRENCHING TO AVOID CONFLICTS WITH ANY FIELD ITEMS.
 - PROVIDE (1) 1" CONDUIT FOR LIGHTING CIRCUIT WITH (2)#8 AWG CU, AND (1)#8 GND.
 - ROUTE CIRCUIT THRU LIGHTING CONTACTOR/TIMELOCK ASSEMBLY.
 - PROVIDE IN-GROUND PULL BOX. COORDINATE LOCATION WITH ENGINEER(S) PRIOR TO ROUGH-IN TO AVOID ANY CONFLICTS WITH ANY FIELD ITEMS.
 - PROVIDE NEW (1) 1" CONDUIT ACROSS BRIDGE. ROUTE CONDUIT UNDERNEATH AND ACROSS BRIDGE.



KEY PLAN

ALTERNATE 2
ENLARGED ELECTRICAL SITE PLAN - AREA 2 - NEW WORK
 SCALE: 1" = 70' - 0"

REVISIONS:
 Addendum 01 09/11/2020

THESE DRAWINGS, ACCOMPANYING SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ENGINEER FOR THIS PROJECT ARE HEREBY OFFERED TO THE CONTRACTOR FOR USE SOLELY WITH REFERENCE TO THIS PROJECT AND UNDER THE SUPERVISION OF THE ENGINEER. THE CONTRACTOR SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND OTHER AGENCIES. THE CONTRACTOR'S OBLIGATION TO THE CITY OF SAN ANTONIO SHALL BE LIMITED TO THE SCOPE OF THIS CONTRACT AND SHALL NOT BE CONSIDERED AN ENDORSEMENT OF ANY PART OF THESE DOCUMENTS OR ANY OTHER DOCUMENTS AUTHORIZED BY CONTRACT OR OTHER WRITTEN DOCUMENT IS STRICTLY PROHIBITED BY LAW.



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 PROJECT # 19036

CITY OF SAN ANTONIO
APACHE CREEK LIGHTING UPGRADES

ENLARGED ELECTRICAL SITE PLAN
 AREA 2
 NEW WORK
 ALTERNATE 2

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020
 SHEET:

ES1.5

THESE DRAWINGS, ACCOMPANYING SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ENGINEER FOR THIS PROJECT ARE HEREBY OFFERED TO THE CONTRACTOR FOR USE SOLELY WITH REFERENCE TO THIS PROJECT AND UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR SHALL BE DEEMED TO HAVE ACCEPTED THE ACCURACY AND COMPLETENESS OF THESE DOCUMENTS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND OTHER AGENCIES. THE CONTRACTOR'S OBLIGATION TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS IS NOT TO BE LIMITED BY THE CONTRACTOR'S FAILURE TO OBTAIN ANY SUCH PERMITS OR APPROVALS. THE CONTRACTOR'S OBLIGATION TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS IS NOT TO BE LIMITED BY THE CONTRACTOR'S FAILURE TO OBTAIN ANY SUCH PERMITS OR APPROVALS. THE CONTRACTOR'S OBLIGATION TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS IS NOT TO BE LIMITED BY THE CONTRACTOR'S FAILURE TO OBTAIN ANY SUCH PERMITS OR APPROVALS.



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 PROJECT # 19036

NOTE TO CONTRACTOR:

REPAIR & RESTORATION OF EXISTING WALKING PATHS

CONCRETE WALKING PATH

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UNPAVED WALKING PATH

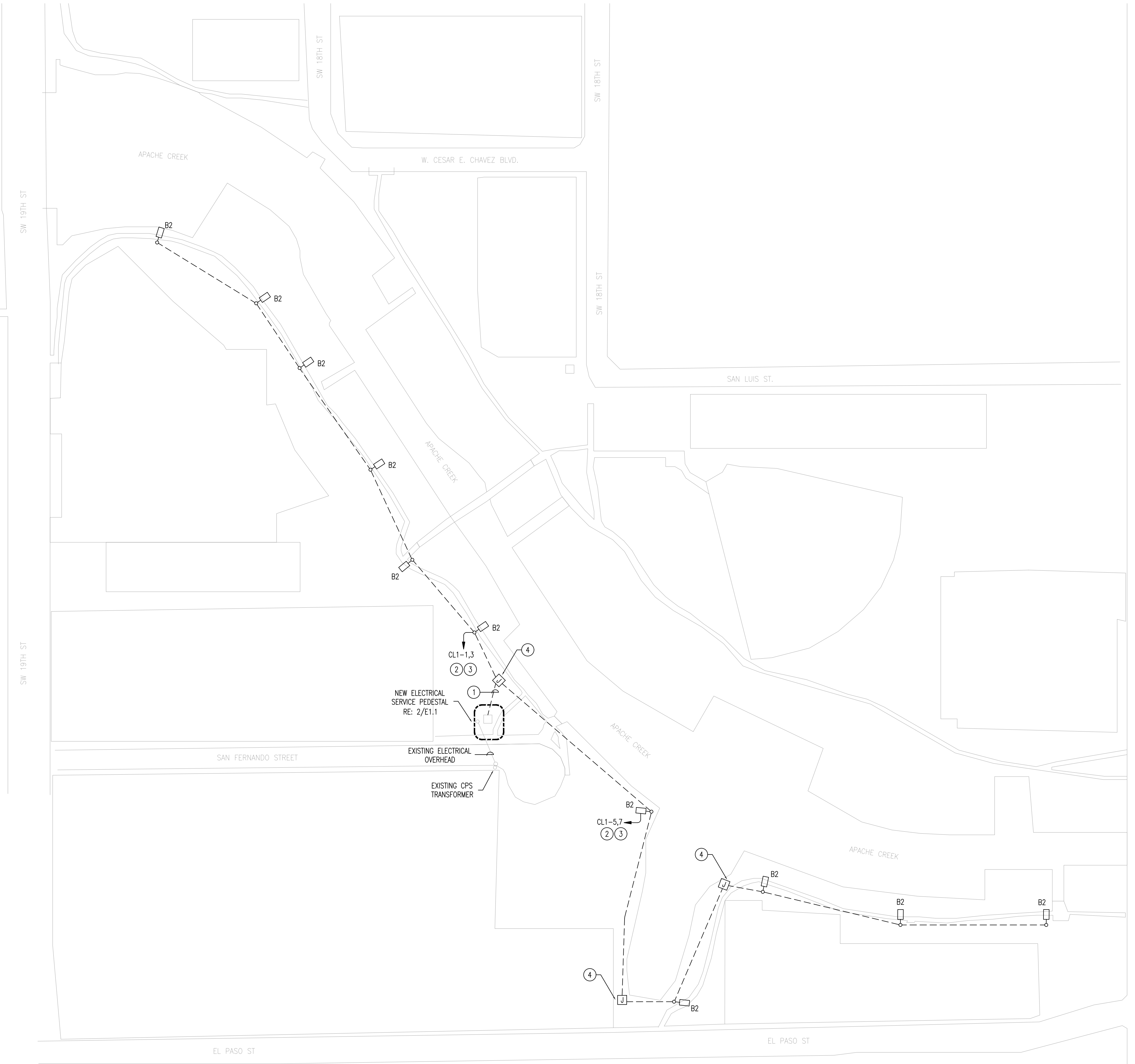
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LOCATION OF NEW POLE BASE

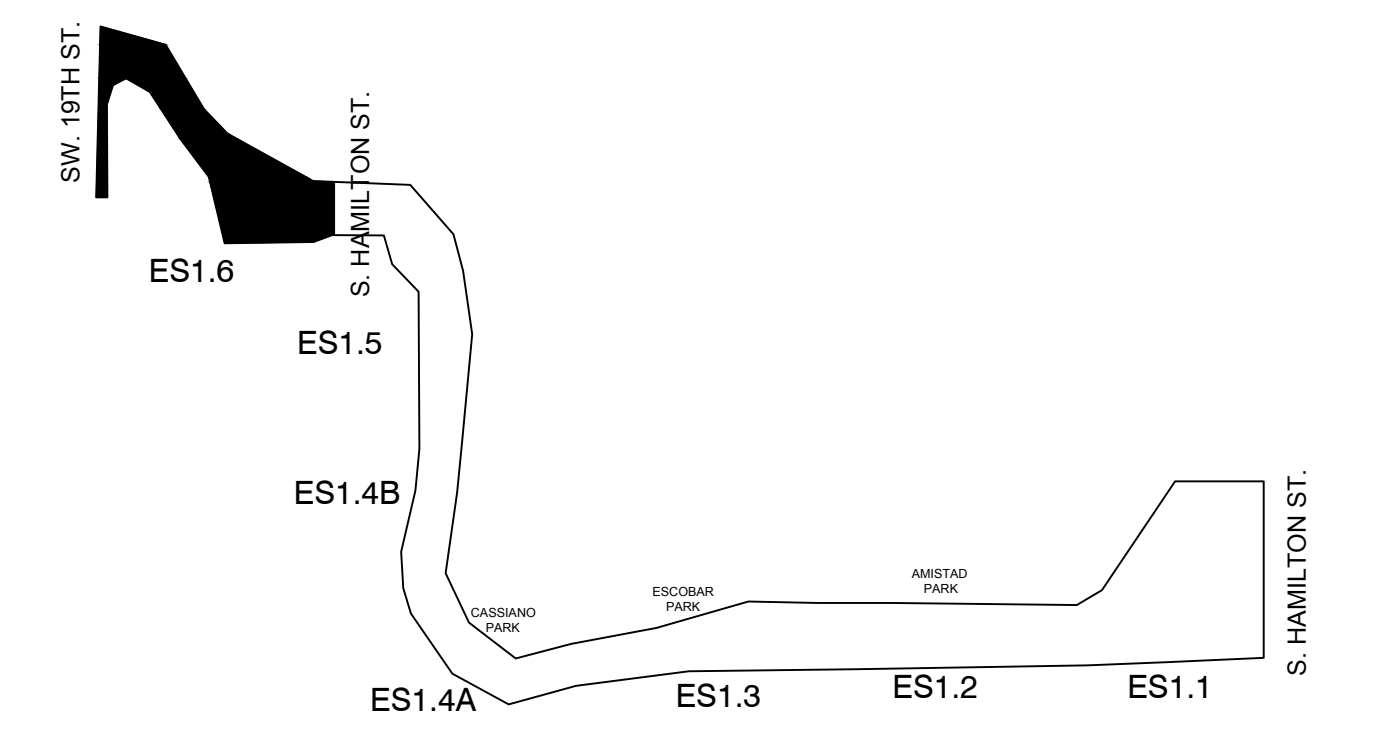
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ALTERNATE 3
ENLARGED ELECTRICAL SITE PLAN - AREA 1 - NEW WORK
 SCALE: 1" = 70' - 0"



KEY PLAN

CITY OF SAN ANTONIO
APACHE CREEK LIGHTING UPGRADES

ENLARGED ELECTRICAL SITE PLAN
 AREA 1
 NEW WORK
 ALTERNATE 3

PROJECT: 19036
 DRAWN: LME
 CHECKED: LMC
 DATE: 06/10/2020

SHEET:
ES1.6