

**CONTRACT DOCUMENTS
AND
SPECIFICATIONS
FOR**

**Sidewalk, Curb Ramp, and Driveway Approach Improvement
Project, PZ-428**



CITY OF CULVER CITY

BID NO. #2673

Public Works Department

City of Culver City

9770 Culver Boulevard

Culver City, CA 90232-0507

(310) 253-5600

Yanni Demitri, P.E., T.E., Public Works Director and City Engineer

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NOTICE INVITING BIDS

NOT FOR BID

**CITY OF CULVER CITY
NOTICE INVITING SEALED BIDS
FOR**

**Sidewalk, Curb Ramp, and Driveway Approach Improvement Project, PZ-428
BID NO. #2673**

1. ANNOUNCEMENT

Notice is hereby given that electronic bids will be accepted by Culver City PlanetBids, for furnishing all labor, services, materials, and equipment, and performing all work to provide for a complete and acceptable project for:

Sidewalk, Curb Ramp, and Driveway Approach Improvement Project, PZ-428, BID NO. #2673

In the City of Culver City and in strict accordance with the plans and specifications in the Office of the Public Works Director and City Engineer of the City of Culver City, 9770 Culver Boulevard, Culver City, CA. 90232.

2. DESCRIPTION OF WORK:

The work to be done consists of furnishing all materials, equipment, tools, labor and incidentals as required in the specifications and contract documents, for the following project(s): **"Sidewalk, Curb Ramp, and Driveway Approach Improvement Project, PZ-428"**.

3. COMPLETION OF WORK:

All work to be done under this contract shall be completed within **Sixty (60) working days**, beginning on the date the Contractor actually commences the Work or on the tenth (10th) day after the issuance of the "Notice to Proceed" by the City Engineer, whichever comes first.

4. BIDDING PROCEDURES

All bids and bidding procedures must comply with the "Instruction to Bidders", Section B of the Bid Documents.

5. SUBMISSION OF BIDS

Bid's must be submitted electronically through [Culver City PlanetBids](https://www.planetbids.com/portal/portal.cfm?CompanyID=39483&access), by or before 3:00 p.m. (PST) on **Thursday, May 28th, 2026**. ("Proposal Deadline").

<https://www.planetbids.com/portal/portal.cfm?CompanyID=39483&access>

The electronic procurement system will not accept any Bid's after the Deadline. Only a Proposal submitted electronically through Culver City's PlanetBids will be considered for evaluation. No separate hardcopy materials will be accepted by the City.

6. BID SECURITY

Each Bidder shall submit a form of Bid Guaranty such as a money order, a cashier's check, certified check, cash, or surety bond for the sum of ten percent (10%) of the total amount of the bid and made payable to the City of Culver City as a guaranty that the Bidder, if its bid is accepted, will enter into a satisfactory contract and furnish a bond for the faithful performance thereof, and for the payment of labor and materials costs, and insurance in accordance with the requirements of the contract documents.

Bid security must be submitted electronically through [Culver City PlanetBids](https://www.planetbids.com/portal/portal.cfm?CompanyID=39483&access) along with the bid proposal. (<https://www.planetbids.com/portal/portal.cfm?CompanyID=39483&access>)

7. BID DOCUMENTS

A copy of the plans and specifications shall be available on [Culver City PlanetBids](https://www.planetbids.com/portal/portal.cfm?CompanyID=39483&access).
(<https://www.planetbids.com/portal/portal.cfm?CompanyID=39483&access>)

8. PRE-BID CONFERENCE (Not Required)

Not Required

9. FORM AND STYLE OF BIDS

Bids must be prepared on the forms provided with the BID DOCUMENTS and must be in compliance with the INSTRUCTIONS TO BIDDERS. Bidders shall not change the wording of the forms provided, except as required by Addendum.

10. QUESTIONS/REQUESTS FOR INTERPRETATION

Questions with regards to this bid should be submitted through [Culver City PlanetBids](https://www.planetbids.com/portal/portal.cfm?CompanyID=39483&access) by **Tuesday, May 19, 2026 at 3:00pm PST**. All firms registered for the bid will receive responses to all questions and any other addenda that may be released, electronically by **Thursday, May 21, 2026**.
(<https://www.planetbids.com/portal/portal.cfm?CompanyID=39483&access>)

11. RIGHT TO REJECT BIDS

The Owner reserves the right to reject any or all bids as the best interests of the Owner may dictate. Bidders are referred to Section B-18 of the "INSTRUCTIONS TO BIDDERS," for additional qualification requirements.

12. WAGE RATES AND PUBLIC WORKS CONTRACTOR REGISTRATION PROGRAM

In accordance with the California Labor Code, no worker employed in work under contract to the Owner shall be paid less than the State of California Prevailing wage rates. Contractor shall comply with all other Federal, State and local laws related to labor.

Pursuant to California Labor Code Section 1771.1(a), "A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded."

13. CONFLICT OF INTEREST

The CONTRACTOR affirms that in the procurement of this contract, there was no apparent or real conflict of interest as outlined in 2 CFR Part 200.318 (c)(1)(2).

14. CONTRACTOR'S LICENSE

All bidders shall be licensed under provisions of Chapter 9, Division 3 of the Business and Professions Code of the State of California to do the type of work contemplated in the project. In accordance with provisions of California Public Contract Code Section 3300, the Owner has determined that the Contractor shall possess a valid Class **"A"** or **"C-8"** License at the time that the bid is submitted. Failure to possess the specified license shall render the bid as non-responsive.

--End of Section--

NOT FOR BID

SECTION B

INSTRUCTIONS TO BIDDERS

SECTION B - INSTRUCTIONS TO BIDDERS

1. DEFINITIONS

Alternate Bid

"Alternate Bid" shall mean an amount stated in the Bid as set forth in the supplementary bid forms, to be added to or deducted from the Total Base Bid, if the corresponding substitution or change in the Work, materials or other items as described in the Bid Documents, is accepted by Owner.

Total Base Bid

"Total Base Bid" shall mean the sum stated in the Total Base Bid Form for which the Bidder offers to perform the Work described in the Bidding Documents. The Total Base Bid is the base to which work, materials, or other items may be added to or from which work, materials, or other items may be deleted, for sums stated in the Alternate Bid form.

Bid Date

"Bid Date" shall mean the deadline (including date and time) set forth in the Notice Inviting Bids accompany these Instructions.

Bid Form

"Bid Forms" shall mean the Total Base Bid Form, the Supplementary Bid Forms, and other additions attached hereto, all of which constitute part of the Bid Documents.

Bid Documents

"Bid Documents" shall mean all documents provided by Owner to Bidder for Bidder's use and consideration in preparation of its Bid. Bidding documents include the Notice Inviting Bids, these Instructions to Bidders and any supplements or additions hereto, the Bid Proposal Form, the Supplementary Bid Forms, the Statement of Contractor's Qualifications, other sample bid and contract forms, the Contract Documents, Drawings, Plans, and Specifications, all documents referenced in the Contract Documents, and all Addenda issued prior to execution of the Contract.

Bidder

"Bidder" shall mean any individual, firm, partnership, corporation, or combination thereof, submitting a Bid for the work, acting directly or through a duly authorized representative.

Sub-bidder

"Sub-bidder" shall mean a person or entity who submits a Bid to a Bidder for materials, equipment or labor (including quantity surveyors) for a portion of the Work and who is identified on the appropriate Supplementary Bid Form.

Contract Documents

"Contract Documents" shall mean all documents executed by Owner and Bidder to evidence their agreements relating to the Work. The Contract Documents include, but are not limited to, the Owner-Contractor Agreement; any supplementary and other conditions or provisions; the Drawings, the Plans, the Specifications and all Addenda issued prior to execution of the Owner-Contractor Agreement; and all modifications thereof.

Unit Price

"Unit Price" shall mean an amount stated in the Supplementary Bid Form as a price unit of measurement for materials, equipment and/or services or a portion of the Work as described in the Bid Documents, and shall include all elements of the described portion of the Work, including materials, labor, overhead and profit.

Work

"Work" shall mean the construction required by the Contract Documents and includes all tools, materials, and labor necessary to produce such construction and all materials and equipment incorporated or to be incorporated in such construction.

2. BID AND BID FORMS

Owner Supplied Forms

Bid forms (Section C, "Bid Forms") have been provided with this document by the Office of the Public Works Director/City Engineer of the City of Culver City. All bids for this project must be submitted on said original supplied by the Office of the City Engineer of the City of Culver City. Bid forms shall be completely filled out and signed by the Bidder or, if a partnership, by all partners or, if a corporation, by its President, Secretary and Treasurer, in the designated spaces.

Filling-in Forms

All blank spaces for unit prices, extensions and totals must be filled in. Signatures shall be completely and personally executed. If erasures are made, they must be initialed by the Bidder over his signature.

Modifications Prohibited

Bids shall not contain any recapitulation, inserted by the Bidder, of work to be done. Alternative proposals will not be considered unless specifically requested. No oral or telephone modifications will be considered.

Submitting Bids

All bids must be submitted electronically via Culver City PlanetBids . The electronic procurement system will not accept any Bid's after the Deadline. Only a Proposal submitted electronically through Culver City's PlanetBids will be considered for evaluation. No separate hardcopy materials will be accepted by the City.

ALTERNATE BIDS

The Contractor shall complete bid schedules for all Alternate Bids. Failure to complete all bid schedules will be considered a non-responsive bid.

Bids May Be Rejected

Bids may be rejected if there is any alteration of the bid form, additions not called for, conditional bids, qualifying provisions, incomplete entries, or irregularities of any kind. The Owner reserves the right to reject any or all bids.

3. ADDENDA

3.1 Addenda

Addenda for the project will be posted on [Culver City PlanetBids](#). PlanetBids automatically sends electronic alerts to registered bid holders of addenda notifications.

3.2 Acknowledgment of Addenda

Each Bidder shall ascertain prior to submitting a Bid that the Bidder has received all Addenda issued, and the Bidder shall acknowledge its receipt in the Bid Form. Failure to acknowledge all addenda may result the bid proposal being deemed as non-responsive by the City.

4. INTERPRETATION OF PLANS AND SPECIFICATIONS

If any person contemplating submitting a bid for the project is in doubt as to the meaning of any requirement of plans or specifications or finds any discrepancies in or omissions from the plans or

specifications, he may submit Culver City PlanetBids a written request for an interpretation or correction thereof. The person making the request will be responsible for its prompt delivery. Interpretations or corrections will be made by addenda to specifications or by dated revisions of plans with a copy of each addition or change being furnished, through the Public Works Director/City Engineer or Construction Manager, to each known prospective Bidder. Questions concerning the contract form, bonding requirements or similar documents shall be directed to Culver City PlanetBids.

5. EXAMINATION OF SITE, PLANS, SPECIFICATIONS AND OTHER DOCUMENTS

Each Bidder shall carefully examine the plans, these specifications and the forms for all other contract documents, and shall visit the site of the proposed work to fully inform him/herself of all existing conditions and limitations that may affect the execution and cost of work under the contract. He/She shall include in the individual bid prices the cost of all labor, materials, supplies, overhead and profit for each such bid item. The failure or omission of any Bidder to obtain and examine the plans or specifications, any form, instrument, addendum, or any other document, or to visit and acquaint him/herself with conditions at the construction site, shall in no respect relieve him/her from any obligation imposed by his/her bid or by award or execution of the contract. The submission of a bid shall be taken as prima facie evidence that the Bidder has read, understands and agrees to comply with all instructions contained herein.

6. COMPLETE BIDDING AND CONTRACT DOCUMENTS

A complete set of Bid documents contains the following documents:

1. Notice Inviting Bids, Section A;
2. Instruction to Bidders, Section B;
3. Any or all addenda/addendum;
4. Bid Forms, Section C;
5. Award and Execution of Contract, Section D;
6. Special Provisions, Section E;
7. Technical Specifications, Section F, appendices and appended drawings.

7. BID GUARANTY

Bid Guaranty Enclosed With Bid

Each bid shall be accompanied by an approved form of Bid Guaranty such as a cashier's check, money order, certified check or cash, or surety bond in favor of the Owner for an amount of at least ten percent (10%) of the amount of the bid as a guaranty that the Bidder will provide bonds and insurance, and enter into a contract with the Owner for construction of the project. No bid shall be considered, unless such Bid Guaranty is enclosed.

In lieu of the foregoing, any bid may be accompanied by a surety bond in said amount, furnished by a surety authorized to do surety business in the State of California, guaranteeing that said bidder will enter into the contract and file the required bonds within the designated period.

Bid security must be submitted electronically through Culver City PlanetBids along with the bid proposal.

Owner to Enforce Bid Guaranty

If within the time frame specified in Section B-18 of these Specifications, the successful bidder fails or neglects to enter into the contract and file the required bonds, the Owner may deposit in its treasury said bid security and not return it to the defaulting bidder.

Bid Guaranty Return

Upon execution of the contract with the successful Bidder, the Bid Guaranties of all Bidders will be returned by the City of Culver City.

8. REJECTION OF BIDS

The Owner reserves the right to reject any or all bids and to waive any apparent clerical errors or discrepancies, or minor informalities if to do so seems to best serve the interests of the Owner.

9. WITHDRAWAL OF BIDS

Any Bidder may withdraw his bid, without obligation, either personally or by written request, at any time prior to the scheduled closing time for receipt of bids, provided that such personal or written request is delivered to the place specified in Section 5 of the "NOTICE INVITING BIDS" for receipt of Bids, prior to the Bid Date.

10. FACSIMILE MODIFICATION OF BIDS

No facsimile modification of bids will be allowed.

11. OPENING OF BIDS

Bid results will be available after the closing on the Culver City Planet Bids portal.

12. BIDDERS INTERESTED IN MORE THAN ONE BID

Bid's must be submitted electronically through Culver City PlanetBids. A person, firm or corporation that has submitted a sub proposal to a Bidder or that has quoted prices of materials to a Bidder is not hereby disqualified from submitting a sub proposal or quoting prices to other Bidders.

13. NON-COLLUSION AFFIDAVITS

The Owner requires all Bidders to execute a Non-Collusion Affidavit in the form included in the Bid Documents. The Owner also reserves the right to require that the Bidder shall, before awarding any subcontract, obtain from any or all proposed Subcontractors a Non-Collusion Affidavit in the form included in the Bid Documents.

14. LIST OF SUBCONTRACTORS FILED WITH BID

In accordance with the provisions of the Public Contracts Code of the State of California relating to listing of subcontractors, each Bidder must submit with his bid the name and location of place of business of each proposed Subcontractor who will perform work or labor or render service to the Bidder for the construction of the project covered by the bid, in an amount in excess of one-half of one percent (0.5%) of the Bidder's bid and shall state the portion of the work which will be done by each Subcontractor. Failure to specify subcontractors shall result in penalties according to Public Contracts Code.

15. LICENSING OF CONTRACTORS

All Bidders and Subcontractors submitting bids shall be licensed in accordance with the provisions of the Business and Professions Code of the State of California pertaining to the licensing of contractors. The license shall be valid and active at the time of submitting a bid, and remain so throughout the duration of the Contract for the successful bidder and sub-bidders.

16. APPROXIMATE ESTIMATES

The quantities set forth on the bid form, if any, are approximate only, being given as a basis for the comparison of bids; and the Owner does not, expressly or by implication, agree that these will be the final quantities. The Bidder agrees that the Owner will not be responsible if any of said quantities are found to be incorrect; and the Bidder agrees not to make any claim for damages or for loss of profits because of a difference between the quantities of the various classes of work as estimated and the work actually done. If any error, omission or misstatement shall be discovered in the estimated quantities, the same shall not invalidate the contract executed pursuant to this bid or release the Bidder from the execution and completion of the whole or part of the work herein specified, in accordance with these specifications and the plans herein mentioned and the prices herein agreed upon and fixed therefore, or excuse him from any of the obligations or liabilities hereunder, or entitle him to any damages or compensation otherwise than as provided for in the contract executed pursuant to this bid.

17. GENERAL REQUIREMENTS

It is the purpose of the Owner, pursuant to these specifications, to realize work on a project, which is complete in every detail and respect. The Bidder shall furnish all equipment, materials and labor and perform all work required to accomplish this purpose. The Bidder shall not omit any item of work or fail to furnish any element, component or part thereof, whether or not such is specifically called for in the Contract Documents, which is necessary for a satisfactory completion of the project.

18. AWARD OF CONTRACT

The contract will be awarded to the lowest responsible and responsive Bidder. If award is made, it will be based on the lowest responsive and responsible total base bid Contract price. Selection of any or all alternates shall be at the sole discretion of the Owner. The Owner, however, reserves the right to reject any or all bids, and, so far as permitted by law, to waive any informality in the bids received in order to serve the best interests of the Owner. If an award is made, the contract shall be awarded within ninety (90) days after the opening of the bids. Within ten (10) days of the mailing by the Owner of notification of award of contract and the contract form, Bidder shall provide and return to the Owner all required bonds and insurance documents and the executed formal contract. In determining if a Bidder is a responsive bidder, the Owner shall consider the following in addition to other requirements in these bid documents:

- a. Quality of services offered.
- b. Proven capacity of the Bidder to perform the contract or provide the supplies or services required in a timely and competent manner. The evaluation of the Contractor's capacity to perform the contract or provide the supplies or services required in a timely and competent manner shall be based on the information provided by the Contractor in Section C-5 "Declaration of Bidder's Qualifications," as well as other pertinent data available to the Owner.
- c. Character, integrity, reputation, judgment, experience and efficiency of the Bidder.

19. BONDS

The successful bidder will be required to file and pay for costs of bonds in the proper sums from a bonding company acceptable to the Owner. Forms for these bonds are included in Section D. The "Labor and Materials Payment Bond" and "Faithful Performance Bond" shall be for one hundred percent (100%) of the contract price (including base bid, adjustments and addenda).

20. INSURANCE CERTIFICATES AND POLICIES

Proof of insurance in an amount required by the Bid Specifications Section D-6 must be provided and endorsed to name: the City of Culver City, members of its City Council, its boards and commissions, officers, agents, and employees as additional insured for the particular operations of the insured which affect the Owner.

21. INDEMNIFICATION.

To the fullest extent permitted by law, Contractor shall indemnify, defend (at Contractor's sole expense, with legal counsel approved by City) and hold harmless the City of Culver City, members of its City Council, its boards and commissions, officers, agents, and employees (hereinafter, "Indemnitees"), from and against all loss, damage, cost, expense, liability, claims, demands, suits, reasonable attorneys' fees and judgments arising from or in any manner connected to Contractor 's or its employees or agent's acts, errors or omissions related to this Agreement. This indemnification includes, but is not limited to, tort liability to a third person for bodily injury and property damage.

Notwithstanding the foregoing, nothing herein shall be construed to require Contractor to indemnify an Indemnitee from any claim arising from the sole negligence, active negligence or willful misconduct of that Indemnitee.

The duty to defend referenced herein is wholly independent from the duty to indemnify, arises upon written notice by City to Contractor of a claim within the potential scope of this indemnification provision, and exists regardless of any determination of the ultimate liability of Contractor, City or any Indemnitee.

22. ASSIGNMENT OF CONTRACT RESTRICTED

No assignment by the Bidder of any contract to be entered into in accordance with Notice Inviting Bids and these instructions or any part thereof, or of funds to be received there under, will be recognized by the Owner unless such assignment had prior written approval of the Owner and the surety on all bonds had notice of such assignment in writing and has consented thereto in writing.

In entering into the Contract or any Subcontract for the Project, the Contractor and Subcontractor offer and agree to assign to the Owner all right, title and interest in and to all causes of action they may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from the Contract or any Subcontract. This assignment shall be deemed made and effective at the time the Owner tenders final payment to the Contractor, without further acknowledgment by the parties.

23. SHORING

Pursuant to the provisions of the California Labor Code Section 6707, each bid submitted in response to this Invitation to Bid shall contain, as a bid item, adequate sheeting, shoring, and bracing, or equivalent method, for protection of life and limb in trenches and open excavation, which shall conform to applicable safety orders. By listing this sum, the bidder warrants that its action

does not convey tort liability to the Owner, the Engineer, the Construction Manager, and their employees, agents and subconsultants.

24. OTHER PERMITS, FEES AND LICENSES

The Contractor shall, prior to the start of construction, obtain, pay, and comply with all necessary permits as required as the result of its work, including but not limited to the permit(s) described herein and as attached in the appendix.

In addition to the requirements above noted, the Contractor **shall possess a valid City of Culver City business license** at the time of contract agreement execution and for the duration of the contract. The fee for said business license shall be based upon the total amount bid for the contract. Amount of fee may be obtained from the City of Culver City, Finance Department, Treasury Division at (310) 253-5870.

All bidders are encouraged to utilize Culver City subcontractors and suppliers to the extent they are available, competitive and qualified. However, no bid will be affected either positively or negatively by the inclusion or exclusion of such Culver City businesses.

-- End of Section --

SECTION C

NOT FOR BID

SECTION C

BID FORMS

BID FORM

FIRM NAME _____

ADDRESS _____

TELEPHONE _____

FAX NUMBER _____

FOR

Sidewalk, Curb Ramp, and Driveway Approach Improvement Project, PZ-428

FOR

**CITY OF CULVER CITY
CULVER CITY, CALIFORNIA**

BID NO. #2673

1 TOTAL BID BASE FORM

**TO THE HONORABLE CITY COUNCIL
CITY OF CULVER CITY, CALIFORNIA**

This Bid is submitted in accordance with the advertised "Notice Inviting Bids" requesting sealed bids for furnishing all labor, services, materials and equipment and performing all work necessary for: **Sidewalk, Curb Ramp, and Driveway Approach Improvement Project, PZ-428.**

Having carefully examined the location of the proposed work and the Bid Documents for same and read the accompanying proposed requirements, and attended the pre-bid conference, the undersigned Bidder hereby proposes and agrees to enter into a contract to furnish all equipment, materials and labor necessary to complete all work described in the Bid Documents for the project under the supervision of the City Engineer of the City of Culver City for the sum set forth in the following schedule **Sidewalk, Curb Ramp, and Driveway Approach Improvement Project, PZ-428.**

The undersigned further agrees, in case of award, to execute the contract for the within described work and improvements, within ten (10) days following written notice of award of contract. All work to be done under this contract shall be completed within **Sixty (60) working days**, beginning on the date stipulated in the written Notice to Proceed issued by the City Engineer.

Liquidated damages of **\$1,000** per calendar day shall be assessed based upon the applicable number of days noted above. The Contract Time shall commence on the date the Contractor actually commences the Work or on the tenth (10th) day after the issuance of the Notice to Proceed, whichever comes first. The Contractor shall retain the right to fully complete (including Final Completion, Punch List Correction and project Close-Out) the Work in less days than established by above, however, neither shall a reduction or increase to the Contract Sum be made, if the Work is so fully completed in less days than established by this Section C-1, no Claim shall be made or granted for Compensable Delay, or any other increase in Contract Sum, if, for any reason, including

but not limited to delay caused by the Owner, the Contractor does not so fully complete the Work in less days than established herein.

(NOTE: All amounts and totals given in the Bid Schedule are subject to verification by the Owner.)

Sidewalk, Curb Ramp, and Driveway Approach Improvement Project, PZ-428

BID SCHEDULE

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	Unit Cost	TOTAL
ADA Sidewalk Repair Project					
1	Mobilization/Traffic Control	1	LS	\$	\$
2	Construction surveying, staking, and resetting ties and monuments	1	LS	\$	\$
3	Removal and Replacement of Uplifted Sidewalk at Various Locations per Exhibit in Appendix A; 4" PCC over 4" CMB	8431	SF	\$	\$
4	Removal and Replacement of Driveway Approach at Various Locations per Exhibit in Appendix A; 4" PCC over 6" CMB	1208	SF	\$	\$
5	Remove and replace PCC curb & gutter per SPPWC Std. Plan no. 120-3 at Various Locations per Exhibit A; over 6" CMB	98	LF	\$	\$
6	Remove and reconstruct modified PCC curb ramp over 6" CMB per Exhibit B	2	EA	\$	\$
7	Remove and reconstruct cross gutter and spandrel over 6" CMB per Exhibit B	1	LS	\$	\$
8	Remove Existing Tree	7	EA	\$	\$
Total Base Bid Amount (Bid Items 1-8)					
TOTAL BID SCHEDULE IN WORDS (Bid items 1 - 8):					

NOTES:

1. **THE CONTRACT WILL BE AWARDED TO THE RESPONSIBLE CONTRACTOR WHO SUBMITS THE LOWEST TOTAL BASE BID AMOUNT WITH RESPONSIVE AND RESPONSIBLE BID PROPOSAL.**
2. **THE PRIME CONTRACTOR SHALL PERFORM, WITH ITS OWN ORGANIZATION, CONTRACT WORK AMOUNTING TO AT LEAST 50% OF THE CONTRACT PRICE.**

The undersigned has carefully checked the above figures and understands that the City, or any officer thereof, will not be responsible for any errors or omissions on the part of the undersigned in submitting this bid. In case of a discrepancy between words and figures, the figures shall prevail, and in case of a discrepancy between unit prices and totals, the unit prices shall prevail. The unit price amounts for each item shall include all indirect costs (i.e., permit fee, business license fee, mobilization, coordination, supervision, overhead and profit, etc.), incidental work (i.e. traffic control, safety devices, protection of

utilities, utility investigation and "pot holes," work necessary for the protection of life and limb, etc.) and other work required by the contract but not listed above.

2 RECEIPT AND ACKNOWLEDGMENT OF ADDENDUM

We acknowledge that the following addenda numbers have been received and have been examined as part of the Contract Documents. Failure to acknowledge any or all addenda or addendum may result the bid proposal being deemed as non-responsive by the City.

Addenda Number	Date Received	Initials

3 CERTIFICATION

The undersigned Bidder certifies that:

1. Bidder has, by investigation of the site of the work and otherwise, understands the nature and location of the work and has fully informed the Owner as to all conditions and matters, which can in any way affect the work or cost thereof.
2. Bidder will cooperate fully with the Owner to ensure the Owner's best interests are protected and the work expedited to completion. In the event of any disagreement, the City Engineer shall fully review the matter and provide a determination. His judgment shall be final and binding upon all parties concerned.
3. Where demolition is necessary for the project described herein, the successfully awarded Contractor shall conform to the South Coast Air Quality Management District (S.C.A.Q.M.D.) Rule 1403, as amended. The Contractor shall mail the Rule 1403 Notification within five (5) calendar days after the Notice to Commence Work is mailed by the Owner. Once the S.C.A.Q.M.D Rule 1403 Notification has been post marked and mailed, the Contractor shall begin work no later than fifteen (15) calendar days after the mailing date. The duration set for the completion of this project will begin on the date work actually commences by the Contractor. In any case, the work shall not begin later than twenty (20) days after the date in which the Owner mailed the Notification to Commence Work.
4. All bonds, certificates, endorsement forms shall be submitted at the time of the execution of the contract.

THE UNDERSIGNED BIDDER IS AWARE OF THE FACT THAT THE OWNER RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS BUT THAT IF A BID IS ACCEPTED, THE CONTRACT WILL BE AWARDED TO THE LOWEST RESPONSIBLE AND RESPONSIVE BIDDER.

4 BIDDER INFORMATION

Name of Individual Bidder: _____

Bid Prepared By: _____

Business Address: _____

Business Telephone Number: _____

E-mail Address: _____

Contractor License No: _____ Class: _____

OR:

California Public Works Contractor Registration No: _____

Name of Partnership Bidder: _____

Bid Prepared By: _____

Business Address: _____

E-mail Address: _____

Business Telephone Number: _____

List Names and Business addresses of All Partners Below:

If the Bidder is a Corporation, list corporate information below:

Name of Corporate Bidder: _____

By: _____
(Signature of President of Corporation)

By: _____
(Signature of Secretary of Corporation)

By: _____
(Signature of Treasurer of Corporation)

Business Address: _____

Business Telephone Number: _____

E-mail Address: _____

Corporation organized under laws of State of: _____

Contractor License No: _____ Class: _____

5 DECLARATION OF BIDDER'S QUALIFICATIONS

Each Bidder must be properly licensed and must submit the following information on this form. If necessary, include supplement information as a separate package.

5.1 Authorization and Declaration

The undersigned hereby authorizes and requests any person, firm or corporation to furnish any information requested by Owner or their designated representative in verification of the recitals comprising this Declaration of Bidder's Qualifications. The undersigned declares under penalty of perjury that all of the qualification information submitted with this form is true and correct and that this Declaration was executed in

(City, County) of California, on _____ (Date).

Signature: _____

Title (Printed): _____

5.2 Business Name, Address, Telephone Numbers (if different than Section C-4)

Business Name: _____

Business Address: _____

Business Telephone & E-mail Address: _____

5.3 License

Bidders must be licenses in the State of California as **"A" or "C-8" Contractor.**

Complete the information requested below.

License Number Class Date Issued Expiration Date

License Number Class Date Issued Expiration Date

License Number Class Date Issued Expiration Date

5.4 Surety

- A. Indicate the names of all surety companies utilized by Bidder in last five (5) years and state if the Surety(ies) bonding the Bidder's jobs have had to complete any part of Bidder's Contract (attach separate sheet if necessary).

Surety Name & Address	Period Covered
Jobs Completed by Surety	

Surety Name & Address	Period Covered
Jobs Completed by Surety	

- B. If a Bid Guaranty (Section C-7) is provided in lieu of a Bid Bond (Section C-6), the Bidder shall attach a notarized statement from Surety(ies) proposed to be utilized on the project, indicating Bidder's total bonding capacity and certifying that: (1) currently available bonding capacity exceeds **\$500,000** and (2) Surety(ies) will provide bonding in the event that Bidder is awarded the project.

- C. Indicate below that the surety is licensed and admitted as a surety insurer in the State of California.

Surety Name and Address

Licensed & Admitted in CA (Y/N)

Surety Name and Address

Licensed & Admitted in CA (Y/N)

Surety Name and Address

Licensed & Admitted in CA (Y/N)

- D. Indicate below those projects with disputed amounts in excess of \$50,000 or portions of any such project, which have been terminated by an Owner, Owner's representative, or other contracting party and which required completion by another party in the last five (5) years. State the project Name, Location, Owner, with address and phone number, contract amount, and reason for disputed amount or termination (attach separate sheet if necessary.)

Project Name and Location

Owner Contract Value

Reasons for Disputed Amount or Termination

Disputed Amount

5.5 Insurance

- A. Provide a statement from the Worker's Compensation carrier specifying Contractor's current Experience Modification Rate for Worker's Compensation for the State of California. In addition, provide a list of the above referenced ratings and corresponding company for the last three (3) years.
- B. Provide statement from insurance carrier indicating that the minimum scope and limits of insurance will be provided as required in Section D-4, of this document.
- C. Indicate below that the surety is licensed and admitted as a surety insurer in the State of California.

Ins. Co. Name and Address

Licensed & Admitted in CA/Y/N

Ins. Co. Name and Address

Licensed & Admitted in CA/Y/N

5.6.1 Construction Experience

Furnish a list of at least three (3) similar (scope of work and cost) projects completed in the past five (5) years, two (2) of which must have been built in the State of California. Provide the following information for each project on the attached form. Copy additional forms as required.

- i* Project name and location
- ii* Contact name, address and telephone number for Owner & Architect/Engineer
- iii* Base and final contract amounts
- iv* Type of project and major project components. Provide approximate percent of construction cost associated with each construction component.

- v Date project was completed (i.e., date of filing of Notice of Completion, etc.).
- vi Indicate completion rate of projects by showing initial contract time, time extensions, and number of days that project was completed early or late, all expressed in calendar days.

SIMILAR PROJECTS FOR LAST FIVE (5) YEARS

1. _____
 Project Name and Location

Owner _____ Engineer _____

Address and telephone

Project Components

Contract Amounts (\$) _____ Date Completed _____

2. _____
 Project Name and Location

Owner _____ Engineer _____

Address and telephone

Project Components

Contract Amounts (\$) _____ Date Completed _____

3. _____
 Project Name and Location

Owner _____ Engineer _____

Address and telephone

Project Components

Contract Amounts (\$) _____ Date Completed _____

4. _____
Project Name and Location

Owner Engineer

Address and telephone

Project Components

Contract Amounts (\$) Date Completed

5. _____
Project Name and Location

Owner Engineer

Address and telephone

Project Components

Contract Amounts (\$) Date Completed

5.7 Staff Roster/Functions

List all members of your staff that will be assigned to or responsible for work on this project (except clerical) and show their job titles/functions. Include Company Officers.

_____ Name	_____ Function	_____ Years w/Firm	_____ Years Total
_____ Name	_____ Function	_____ Years w/Firm	_____ Years Total
_____ Name	_____ Function	_____ Years w/Firm	_____ Years Total
_____ Name	_____ Function	_____ Years w/Firm	_____ Years Total
_____ Name	_____ Function	_____ Years	_____ Years

w/Firm

Total

5.8 Arbitration and Litigation History

Indicate below all arbitration and/or litigation against bidder in the last five (5) years, including all claims by owners. Indicate yes or no (Y/N) which claims were resolved against bidder in litigation or arbitration or which resulted against in any payment by the Bidder or its insurers/sureties or reduction in compensation on any Bidder. Failure to provide this information on any contract undertaken in the past five (5) years may result in disqualification. Indicate final status (Resolved or Unresolved) of each claim. Attach separate sheet if necessary.

Project Name	Amount of Claim	
Nature of Claim	Resolution (Y/N) Against Bidder	Final Status

Project Name	Amount of Claim	
Nature of Claim	Resolution (Y/N) Against Bidder	Final Status

Project Name	Amount of Claim	
Nature of Claim	Resolution (Y/N) Against Bidder	Final Status

6 BID BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, _____, as Principal, and _____, as Surety (Local Agent Contact Telephone Number , _____), are held and firmly bound unto the Owner in the sum of _____ Dollars (\$ _____) to be paid to said Owner its successors and assigns, for which payment well and truly will be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH:

That if the certain Bid of the above-bounden Principal submitted for the following improvement project:

Sidewalk, Curb Ramp, and Driveway Approach Improvement Project, PZ-428

is accepted by the Owner through action of its legally constituted contracting authorities and if the above-bounden Principal, its heirs, executors, administrators, successors and assigns shall duly enter into and execute a contract for such construction in strict accordance with the specifications and drawings on file at the office of the City Engineer, in the City Hall, Culver City, and shall execute and deliver the required Faithful Performance Bond and Payment Bond, and Insurance Certificates within ten (10) days after the date of notification by and from said Owner that said contract is ready for execution, then this obligation shall become null and void; otherwise, it shall be and remain in full force and virtue.

IN WITNESS WHEREOF, we hereunto set our hands and seals this _____ day of _____, 20__.

Surety

By: _____

Signature

Title

Company

7 BID GUARANTY

BID GUARANTY

Note: The following statement shall be used if other than a bid surety bond accompanies bid.

"Accompanying this proposal is a money order*, certified check*, cashier's check*, cash*, payable to the order of the Owner in the amount of Dollars (\$ _____) which is ten percent (10%) of the total amount of this bid. The proceeds of this bid guaranty shall become the property of said Owner provided this bid is accepted by said Owner, through action of its legally constituted contracting authorities, and the undersigned fails to execute a contract and furnish the required bonds within the stipulated time. Otherwise, the proceeds of this bid guaranty shall be returned to the undersigned."

Signature

Title

Company

(*Delete the inapplicable words)

8 NONCOLLUSION DECLARATION

NONCOLLUSION DECLARATION

(To Be Executed By Bidder and Submitted With Bid)

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [state].

Name: _____

Title: _____

Signature of Bidder _____

NOT FOR BID

SECTION D

**AWARD AND EXECUTION OF CONTRACT
AGREEMENT, BONDS AND INSURANCES**

SECTION D - AWARD AND EXECUTION OF CONTRACT**1 SAMPLE AGREEMENT****CITY OF CULVER CITY
AGREEMENT WITH****Contractor**

This Agreement is made and entered into by and between the City of Culver City (City) and Name of Contractor (Contractor)

WHEREAS, Contractor submitted its total base bid the total lump sum for: Amount of Bid Dollars (\$00.00) for the completion of the Name of Project (Project. No. P-) as further described in the Scope of Services; and

WHEREAS, Contractor represents it has that degree of specialized expertise and holds all licenses necessary to practice and perform the service contemplated; and

WHEREAS, after reviewing all bids submitted and declaring that the Contractor submitted the lowest responsible and responsive bid, City's City Council, at its meeting of meeting date, awarded the contract for the work to Contractor.

NOW, THEREFORE, THE PARTIES HERETO AGREE as follows:

SCOPE OF SERVICES

Contractor shall provide all services described in accordance with the Contract Documents, as defined below, relating to the Name of Project (Project. No. P-) and follow the work schedules defined therein.

CONTRACT DOCUMENTS

The documents comprising the entire agreement between City and Contractor shall be collectively referred to as the "CONTRACT DOCUMENTS," and shall consist of and include the following:

This Agreement – including:

- Contract Documents and Specifications for Name of Project (P-), Bid # ;
- All addenda setting forth any modifications or interpretations of those documents, (Addenda by number and date: Addendum No. x dated xxx);
- Bid Proposal submitted by Contractor to City on or before DATE;
- All documents incorporated into the foregoing;
- Schedule of Values, if applicable;
- List of Subcontractors;
- Labor and Materials Payment Bond;
- Faithful Performance Bond (including agent's Power of Attorney for each Bond);
- Non-Collusion Declaration (General and Subcontractor) ;
- Certificates of Insurance;
- Change Orders;
- Notice to Proceed; and
- Notice of Completion

All the Contract Documents are intended to complement one another, so that any work called for in one and not mentioned in another is to be performed as if mentioned in all documents.

The terms of this Agreement shall prevail over any inconsistent provision of the other Contract Documents.

The Contract Documents constitute the entire agreement between the parties and supersede any and all other writings and oral negotiations.

NOTICE

All notices given or required to be given pursuant to this Agreement shall be in writing and may be given by personal delivery, facsimile, overnight delivery, or by U.S. Mail. All written notices or correspondence sent pursuant to this paragraph will be deemed given to a party on whichever date occurs first; the date of personal delivery; the date of transmission, if sent by facsimile (with proof of transmission); the next business day following deposit with an overnight mail carrier; the fifth day following deposit in the U.S. Mail, when sent by "first class mail."

Notices required to be given to City shall be addressed as follows:

Yanni Demitri, P.E., T.E.
Public Works Director/City Engineer
Public Works Department
City of Culver City
9770 Culver Blvd.
Culver City, CA 90232

Notices required to be given to the Contractor shall be addressed as follows:

Contractor
Address

It shall be the duty of Contractor to notify all subcontractors of the above Notice provisions.

CONTRACT PRICE

For Contractor's satisfactory completion of the scope of services, City shall pay Contractor a total sum of (\$00.00).

EFFECTIVE DATE

The effective date of this agreement is the date it is signed on behalf of City. This Agreement shall remain in full force and effect until amended or terminated; provided, that the indemnification and hold harmless provisions shall survive the termination.

IN WITNESS WHEREOF, the parties hereto have caused their names to be hereunto subscribed.

CONTRACTOR

Dated: _____

By: _____

Its _____

By: _____

Its _____

CITY OF CULVER CITY, CALIFORNIA

Dated: _____

By: _____

Odis Jones
City Manager

APPROVED AS TO CONTENT:

APPROVED AS TO FORM:

Yanni Demitri, P.E., T.E.
Public Works Director/City Engineer

Heather S. Baker
City Attorney

NOT FOR BID

2 LABOR AND MATERIALS PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that

WHEREAS, THE City of Culver City, County of Los Angeles, State of California, has awarded to:

_____ hereinafter designated as the Principal, a contract for:

Sidewalk, Curb Ramp, and Driveway Approach Improvement Project, PZ-428

in the City of Culver City, California, which contract is incorporated wherein by this reference; and

WHEREAS, said Principal is required to furnish a bond in connection with said contract, providing that if said Principal or any of his or its Subcontractors shall fail to pay for any materials, provisions, equipment or supplies used in, upon or about the performance of the work contracted to be done, or for any work or labor done thereon of any kind, the Surety on this bond will pay the same to extent hereinafter set forth;

NOW, THEREFORE, WE, _____

_____ as Principal and _____

_____ as Surety, are held and firmly bound unto the City of Culver City, hereinafter called the Owner in the sum of: _____ Dollars (\$ _____) lawful money of the United States of America for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT if said Principal, his or its heirs, executors, administrators, successors or assigns shall fail to pay for any materials, provisions or other supplies used in, upon, for or about the performance of the work contracted to be done, or for any work or labor thereon of any kind, as required by the provisions of an act of the Legislature of the State of California entitled, "An Act to secure the payment of claims or persons employed by Contractors upon public works, and the claim of persons who furnish materials, supplies, teams, implements or machinery used or consumed by such Contractors in the performance of such work, and prescribing the duties of certain public officers with respect thereto," approved May 10, 1919, as amended, and provided that the persons, companies or corporations so furnishing said materials, provisions or other supplies, appliances or power used in, upon, for or about the performance of the work contracted to be executed or performed, or any person, company or corporation renting or hiring implements, machinery or power for or contributing to said work to be done, or any person who performs work or labor upon the same, or any person who supplies both work or labor upon the same, or any person who supplies both work and material therefor, shall have complied with the provision of said Act, then said Surety will pay the same in or to an amount not exceeding the amount herein above set forth, and also will pay in case suit is brought upon this bond, such reasonable attorneys' fees, as shall be fixed by the court, awarded and taxed as in aforementioned Statute provided. This bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file claims under said Act, so as to give a right of action to them or their assigns in any suit brought upon this bond.

FURTHER, the said Surety for value received hereby stipulates and agrees that no change, extension of time, alteration or modification of the contract documents or of the work to be performed thereunder shall in any way affect its obligations on this bond and it does hereby waive notice of any such

change, extension of time, alteration or modifications of the contract documents or of work to be performed thereunder.

IN WITNESS WHEREOF, three (3) identical counterparts of this instrument, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety herein named, on the ____ day of _____, 200__. The name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

Principal

By: _____

Surety

By: _____

NOT FOR BID

3 FAITHFUL PERFORMANCE BOND

FAITHFUL PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that

WHEREAS, the City of Culver City, in the County of Los Angeles, State of California, has awarded to:

_____ herein designated as the Principal, a contract for the construction of

Sidewalk, Curb Ramp, and Driveway Approach Improvement Project, PZ-428

in the City of Culver City, California, which contract is incorporated herein by this reference; and

WHEREAS, said Principal is required under the terms of said contract to furnish a bond for the faithful performance of said contract;

NOW, THEREFORE, WE _____

as Principal and _____ as Surety, are held and firmly bound unto the City of Culver City, hereinafter called the Owner in the sum of:

_____ Dollars (\$_____) lawful money of the United States of America for payment of which sum well and truly to be made we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that, if the hereby bound Principal, his or its heirs, executors, administrators, successors or assigns shall in all things stand to and abide by and well and truly keep and perform all the undertakings, terms, covenants, conditions and agreements in the said contract and any alteration thereof, made as therein provided, all within the time and in the manner therein designated and in all respects according to their true intent and meaning, then this obligation shall become null and void; otherwise, it shall be and remain in full force and effect.

FURTHER, the said surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or modification of the contract documents or of the work to be performed thereunder, shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or modification of the contract documents or of work to be performed thereunder.

IN WITNESS WHEREOF, three (3) identical counterparts of this instrument, each of which shall for purposes be deemed an original thereof, have been duly executed by the Principal and Surety herein named on the ____ day of _____, 20___. The name and corporate seal of each corporate party being hereto affixed, and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

Principal

By: _____

Surety

By: _____

4 INSURANCE REQUIREMENTS

A. Policy Requirements.

Contractor shall submit duly executed certificates of insurance by companies licensed to do business in the State of California, with a current A.M. Best's rating of no less than -A:VIII (unless otherwise acceptable to the City), for the following policies:

1. *Commercial General Liability.* An occurrence based Commercial General Liability ("CGL") policy, at least as broad as ISO Form CG 0001, in the minimum amount of \$3,000,000 each occurrence, with not less than \$6,000,000 in annual aggregate coverage..

The CGL Policy shall have the following requirements:

- a. *General Requirements.* The policy shall provide coverage for personal injury, bodily injury, death, accident and property damage and advertising injury, as those terms are understood in the context of a CGL policy. The coverage shall be utilized to satisfy, to the extent of the coverage limits, the City's self-insured retention under any other policy of insurance. The coverage shall not be excess or contributing with respect to the City's self-insurance, commercial liability insurance, or any pooled risk arrangements;
- b. *Automobile Liability.* The policy shall provide the following Automobile Liability coverage:
 - i. ISO Form Number CA 0001 covering any auto (Code 1), or if Contractor has no owned autos, hired (Code 8) and non-owned autos (Code 9), with limits of no less than \$1,000,000 per accident for bodily injury and property damage. Automobile liability coverage may be satisfied with a stand- alone policy or as a component of the CGL policy;
 - ii. ISO Form Number CA 0001 covering any auto (Code 1), or if Contractor has no owned autos, hired (Code 8) and non-owned autos (Code 9), with limits of no less than \$1,000,000 per accident for bodily injury and property damage. Automobile liability coverage may be satisfied with a stand-alone policy or as a component of the CGL policy. The Automobile Liability policy shall be endorsed to include Transportation Pollution Liability insurance, covering materials to be transported by Contractor pursuant to the contract. This coverage may also be provided on the Contractor's Pollution Liability policy.
 - iii. Business Automobile Liability Insurance coverage in the amount of \$3,000,000, providing coverage for use of mobile equipment (i.e., heavy mobile equipment or vehicles primarily for use in an off-road environment), to the extent that (1) such mobile equipment will be used within the City limits or on City business, and (2) coverage for mobile equipment is not otherwise covered by the CGL policy listed in this Agreement.
- c. *Contractual Liability.* The policy shall include coverage for liability undertaken by contract covering, to the maximum extent permitted by law, Contractor's obligation to indemnify the Indemnitees as required under this Agreement. The policy shall not contain an "Independent Negligence" provision that would void or otherwise nullify the insurer's obligation to defend and indemnify the City of Culver City in the event that its independent negligence is alleged or proven;
- d. *Ongoing Operations.* The Policy shall include coverage for Completed Operations Endorsement, ISO Form CG2037, and Ongoing Operations Endorsement, ISO Form CG2010; and

- e. *Additional Insured. The City of Culver City, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance (at least as broad as ISO Form CG20 10 11 85, or both CG 20 10, CG 20 26, CG 20 33, or CG 20 38 and CG 20 37 forms if later revisions used). Endorsement required.*
- f. *Severability of Interests (Cross-Liability).* A severability of interest provision must apply for all the additional insureds, ensuring that Contractor's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the insurer's limits of liability.
- g. *Modification to Aggregate.* City reserves the right to review and waive or modify the CGL aggregate requirement in the event that an adequate project specific policy and limits are provided.
2. *Builder's Risk.* Contractor shall maintain the following builder's risk insurance:
- i. *Special Perils.* Contractor may submit evidence of Builder's Risk insurance in the form of an "All Risk" (Special Perils) coverage form, with limits equal to the completed value of the project and no coinsurance penalty provisions shall be required. Coverage shall name the City as a loss payee as their interest may appear.
- ii. *Course of Construction.* Contractor may submit evidence of Builder's Risk insurance in the form of Course of Construction coverage. Such coverage shall name City as a loss payee as their interest may appear. If the project does not involve new or major reconstruction, at the option of City, an Installation Floater may be acceptable. For such projects, a Property Installation Floater shall be obtained that provides for the improvement, remodel, modification, alteration, conversion or adjustment to existing buildings, structures, processes, machinery and equipment. The Property Installation Floater shall provide property damage coverage for any building, structure, machinery, equipment damaged, impaired, broken, or destroyed during the performance of the Work, including transit, installation, and testing at City's site.
3. *Pollution Liability Including Non-Owned Disposal Site (NODS) Coverage.* During the duration of this Agreement, Contractor shall maintain Pollution Liability insurance covering both first party clean-up costs and third-party bodily injury, property damage liability, waste materials and debris transportation, clean up expense, and coverage for Non-Owned Disposal Sites with a limit no less than \$2,000,000 per incident. If Pollution policies are claims-made policies, Contractor shall agree to maintain coverage for two (2) years following completion of contract.
4. *Workers' Compensation Insurance.* If the Agreement will have Contractor employees working within the City limits, Contractor shall maintain Workers' Compensation Insurance (Statutory Limits) and Employer's Liability Insurance (with limits of at least one million dollars [\$1,000,000] per accident.) Contractor shall submit to City, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of City, its officers, agents, employees and volunteers.

B. Waiver by City.

City may waive one or more of the coverages listed in Section A, above. This waiver must be express and in writing, and will only be made upon a showing by the Contractor that its operations in and with respect to City are not such as to impose liability within the scope of that particular coverage.

C. Additional Insurance Requirements.

1. *Certificates of Insurance.* Evidence of insurance shall be supplied on a standard ACORD Certificate of Insurance form. All insurance requirements must be indicated on said form;
2. *Umbrella or Excess Policy.* Contractor may use Umbrella or Excess Policies to provide the liability limits as required in this Agreement. This form of insurance will be acceptable provided that all of the Primary and Umbrella or Excess Policies shall provide all of the insurance coverages herein required, including, but not limited to, primary and non-contributory, additional insured, Self-Insured Retentions (SIRs), indemnity, and defense requirements. The Umbrella or Excess policies shall be provided on a true "following form" or broader coverage basis, with coverage at least as broad as provided on the underlying Commercial General Liability insurance. No insurance policies maintained by the Additional Insureds, whether primary or excess, and which also apply to a loss covered hereunder, shall be called upon to contribute to a loss until the Contractor's primary and excess liability policies are exhausted.
3. *Verification of Coverage.* Contractor shall furnish City with original certificates, and all required amendatory endorsements or copies of the applicable policy language effecting coverage required by this Agreement. A statement on an insurance certificate will not be accepted in lieu of the actual endorsements required herein. Each insurance certificate shall specifically identify this Agreement. All certificates and endorsements are to be received by City and approved by the Risk Manager and City Attorney before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive Contractor's obligation to provide them. City reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by this Agreement at any time.
4. *Subcontractors.* Contractor shall require and verify that all its subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that the City is an additional insured on insurance required from subcontractors. For CGL coverage subcontractors shall provide coverage with a format at least as broad as CG 20 38 04 13.
5. *Primary Coverage and Non-Contributory.* For any claims related to this Agreement, Contractor's insurance coverage shall be primary and non-contributory and at least as broad as ISO CG 20 01 04 13 as respects the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the City of Culver City, its officers, officials, employees, or volunteers shall be excess of the Contractor's insurance and shall not contribute with it. This requirement shall also apply to any Excess or Umbrella liability policies.
6. *Self-Insured Retentions.* Self-insured retentions must be declared to and approved by the City. The City may require the Contractor to purchase coverage with a lower retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or the City.
7. *Waiver of Subrogation.* Contractor hereby grants to City a waiver of any right to subrogation which any insurer of Contractor may acquire against City by virtue of the payment of any loss under such insurance. Vendor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City has received a waiver of subrogation endorsement from the insurer.
8. *Claims Made Policies.* If any of the required policies provide coverage on a claims-made basis:
 - a. The retroactive date must be shown and must be before the date of this Agreement or the beginning of the Scope of Work set forth in this Agreement.
 - b. Insurance must be maintained, and evidence of insurance must be provided for at least five (5) years after completion of the Scope of Work set forth in this Agreement.
 - c. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a retroactive date prior to the effective date of this Agreement, Contractor must

purchase "extended reporting" coverage for a minimum of five (5) years after completion of the Scope of Work set forth in this Agreement.

9. *Timely Notice of Claims.* Contractor shall give City prompt and timely notice of claims made or suits instituted that arise out of or result from Contractor's performance under this Agreement, and that involve or may involve coverage under any of the required liability policies.

10. *Notice of Cancellation/Change in Coverage.* Contractor shall provide City with at least thirty (30) days prior written notice of any modification, reduction or cancellation of any of the Policies required in this Agreement, or a minimum of ten (10) days' notice for cancellation due to non-payment.

11. *City Remedies for Non Compliance.* If Contractor or any of its subcontractors fails to provide and maintain insurance as required herein, then City shall have the right but not the obligation, to purchase such insurance, to terminate this agreement, or to suspend Contractor's right to proceed until proper evidence of insurance is provided. Any amounts paid by City shall, at City's sole option, be deducted from amounts payable to Contractor or reimbursed by Contractor upon demand.

12. *Special Risks or Circumstances.* City reserves the right to modify these requirements at any time, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

-- End of Section --

SECTION E

SECTION E

SPECIAL PROVISIONS

SUPPLEMENTS AND MODIFICATIONS TO
PART 1 (GENERAL PROVISIONS),
PART 4 (EXISTING IMPROVEMENTS) AND
PART 6 (TEMPORARY TRAFFIC CONTROL)
OF THE
THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
2024 EDITION

PART 1**GENERAL PROVISIONS****SECTION 1 – TERMS, DEFINITIONS, ABBREVIATIONS & SYMBOLS**

Except as modified by the Special Provisions, Technical Provisions, Standard Drawings and the Project Plans, all work shall be in accordance with the Provisions of the latest edition of the STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION (SSPWC), including all Supplemental Amendments, as published by Building News, Inc., Los Angeles, California, which Specifications are hereinafter referred to as the Standard Specifications.

The herein stated Special Provisions supplement and revise the aforementioned standard Specifications. Any reference to “Section” or “Subsection” in these Special Provisions shall refer to the aforementioned Standard Specifications unless noted otherwise.

1-2 TERMS AND DEFINITIONS

In this subsection, substitute where applicable, or add the following:

Agency	The City of Culver City, for which the work is being performed.
Board	The City Council of the City of Culver City.
City	The City of Culver City.
Engineer (or) City Engineer	The City Engineer of the City of Culver City or other person designated by the City Engineer acting either directly or through authorized agents.
Calendar Day	All days beginning with the date specified in the Notice to Proceed, and ending with the date the City issues the Statement of Completion.

SECTION 2 – SCOPE OF THE WORK**2-1 WORK TO BE DONE** Add the following:

The Bidder is required to examine carefully the site of work, Bid Proposal forms and all other Contract documents for the work contemplated. The Submission of a Bidder's Proposal shall be considered conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality and quantities of work to be performed and materials to be furnished, and as to the requirements of all the above documents.

2-2 PERMITS Add the following:

The Contractor shall secure all necessary permits from all governing agencies having authority over any portion of the work. The Contractor shall obtain and pay for all other permits.

The Contractor shall obtain, pay, and comply with all permits, including but not limited to the permits requirements as shown in the "Instruction to Bidders" part of this contract document, and give all notices necessary and incident to the due and lawful prosecution of the work and to the preservation of the public health and safety.

2-5 CONTRACTOR'S EQUIPMENT AND FACILITIES Add the following:

The routing of trucks with gross vehicle weight exceeding 6,000 pounds through Culver City shall be subject to the provision of City Code Section 7.02.210 and the Contract Documents. Contractor shall submit a proposed haul route plan to the Engineer for approval. Said plan shall be approved prior to mobilization. **The Contractor is advised that any violation of the California Vehicle Code and Culver City Code (such as truck routing, overweight, improper licensing, etc.) will result in citation and fines by the Police Department.** Contractor shall be responsible for the immediate cleanup of all spills of any nature resulting from his operation.

Parking of Contractor's employee's vehicles or any other vehicles not utilized in the construction activity will be restricted during construction and shall not take place in public parking areas outside of the construction zone, unless shown otherwise on the plan or unless by arrangement with the Engineer.

Any commercial vehicle, the laden or unladen weight of which exceeds six thousand (6,000) pounds, shall use the following streets designated as truck routes:

- A. Adams Boulevard.
- B. Centinela Avenue.
- C. Culver Boulevard, between west City boundary and Sepulveda Boulevard.
- D. Fairfax Avenue.
- E. Higuera Street, between Hayden Avenue/Place and Jefferson Boulevard.
- F. Jefferson Boulevard.
- G. La Cienega Boulevard.
- H. National Boulevard.
- I. Sawtelle Boulevard, between Culver/ Washington off-ramp of the San Diego Freeway and Braddock Drive.
- J. Sawtelle Boulevard, between Matteson Avenue and Venice Boulevard.
- K. Sepulveda Boulevard.
- L. Slauson Avenue, east of Jefferson Boulevard.
- M. Venice Boulevard.
- N. Washington Boulevard, east of La Cienega Boulevard.

Most direct route shall be used to and from the restricted street from the truck route.

2-5.2 Temporary Utility Services Add the following:

Contractor is responsible to obtain and pay for construction water. Any water drawn from fire hydrant shall be coordinated through Golden State Water Company (Contact telephone No. 310.838.1324) located at 10785 Washington Blvd in Culver City.

2-8 EXTRA WORK Add the following:Changes Authorized in Writing

All authorized alterations affecting the requirements and information given on the approved plans shall be in writing. No changes shall be made on any original plan or drawing after the same has been approved by the Engineer. Deviations from the approved plans, as may be required by the exigencies of construction, will be determined in all cases by the Engineer and authorized in writing.

Protests

If the Contractor considers any work demanded of Contractor to be outside the requirements of the Contract, or if Contractor considers any instruction, ruling or decision of the Inspector or Engineer to be unfair, Contractor shall within three (3) calendar days after any such demand is made, or instruction, ruling or decision is given, state clearly and in detail the Contractor's objections and reasons therefore. Except for such protest and objections as are made of record, in the manner and within the time above stated, the Contractor shall be deemed to have waived and does thereby

waive all claims for extra work, damages and extensions of time on account of demands, instructions, rulings and decisions of the Public Works Director/City Engineer.

Upon receipt of any such protest from the Contractor, the Engineer shall review the demand, instruction, ruling or decision objected to and shall promptly advise the Contractor, in writing, of Public Works Director/City Engineer's final decision, which shall be binding on all parties, unless within the ten (10) calendar days thereafter the Contractor shall file with the Owner, a formal protest against said decision of the Public Works Director/City Engineer. The Owner shall consider and render a final decision on any such protest within thirty (30) calendar days of receipt of same.

2-10 DISPUTED WORK Add the following:

All claims which do not exceed the sum of three hundred seventy-five thousand dollars (\$375,000) shall be resolved pursuant to the provisions of Public Contract Code Section 20104 through 20104.6, "Resolution of Construction Claims".

Notice – The Contractor shall notify the Public Works Director/City Engineer, in writing, of its intention to make claim. Claims pertaining to decisions provided above for such other determinations by the Construction Manager shall be filed in writing to the Public Works Director/City Engineer prior to the commencement of such work. Written notice shall use the words "Notice of Potential Claim". Such Notice of Potential Claim shall state the circumstances and the reasons for the claim, but need not state the amount.

Additionally, no claim for additional compensation or extension of time for a delay will be considered unless the above provisions are complied with. No claim filed after the date of final payment will be considered.

It is agreed that unless notice is properly given, the Contractor shall not recover costs incurred by it as a result of the alleged extra work, changed work or other situation which had proper notice been given would have given rise to right for additional compensation. The Contractor should understand that timely notice of potential claim is of great importance to the Public Works Director/City Engineer and Owner, and is not merely a formality. Such notice allows the Owner to consider preventative action, to monitor the Contractor's increases costs resulting from the situation, to marshal facts, and to plan its affairs. Such notice by the Contractor, and the fact that the Public Works Director/City Engineer has kept account of the cost as aforesaid, shall not in any way be construed as proving the validity of the claim.

Records of Disputed Work – In proceeding with a disputed portion of the Work, the Contractor shall keep accurate records of its costs and shall make available, to the Public Works Director/City Engineer, a daily summary of the hours and classification of equipment and labor utilized on the disputed work, as well as a summary of any materials or any specialized services which are used. Such information shall be submitted to the Public Works Director/City Engineer on a monthly basis, receipt of which shall not be construed as an authorization for or acceptance of the disputed work.

Submission of Claim Costs – Within 30 days after the last cost of work for which the Contractor contends it is due additional compensation is incurred, but if costs are incurred over a span of more than 30 days, then within 15 days after the thirtieth day and every month thereafter, the Contractor shall submit to the Public Works Director/City Engineer as best the Contractor is able its costs incurred for the claimed matter. Claims shall be made in itemized detail and should the Public Works Director/City Engineer be dissatisfied with format or detail of presentation, upon request for more or different information, the Contractor will promptly comply, to the satisfaction of the Public Works Director/City Engineer. If the additional costs are in any respect not quantifiable with certainty, they shall be estimated as best can be done. In case the claim is found to be just, it shall be allowed and paid for as provided in the Standard Specification.

SECTION 3 – CONTROL OF THE WORK**3-5 INSPECTION** Add the following:

The City Engineer, or his authorized agent, shall at all times have access to work during construction, and shall be furnished with every reasonable facility for ascertaining full knowledge regarding the process, workmanship, and character or materials used and employed in the work. Whenever required, the Contractor shall furnish to the City for test, and free of charge, samples of any one of the materials proposed to be used in the work. Said samples shall be delivered by the Contractor at the place within the City of Culver City designated by the City Engineer. Rejected material must be immediately removed from the work by the Contractor and shall not again be brought back to the site of the improvement.

The Contractor shall be responsible to reimburse the City for its actual inspection services cost for any work that is outside the normal working days or working hours (as defined by Section 6-3 of this Special Provisions), if approved the by Engineer.

Twenty-Four Hour Notice

The Contractor shall give at least twenty-four (24) hours advance notice of the time when Contractor or Contractor's subcontractor will start or resume the various units of operations of the work as per the contract, or resume said units of operations when they have been suspended per the contract.

The above notice is to be directed to the City Engineer through the Construction Manager, and is to be given during working hours (8 a.m. to 5 p.m.; closed alternate Fridays), exclusive of Saturday, Sunday or holidays for the purpose of permitting the Engineer to make necessary assignments of the Engineer's representative or inspector on the work.

Uncovering of Uninspected Work

Any work performed in conflict with said notice, without the presence or approval of the inspector, or work covered up without notice, approval or consent may be rejected or ordered to be uncovered for examination at Contractor's expense and shall be removed at Contractor's expense, if so ordered by the City Engineer or his/her representative or inspector on the work. Any unauthorized or defective work, defective material or workmanship or any deficient work that may be discovered shall be corrected immediately without extra charge even though it may have been overlooked in previous inspections and estimates.

3-6 THE CONTRACTOR'S REPRESENTATIVE Add the following:

When and as directed by the City Engineer, the Contractor shall attend all conferences and meetings which the City Engineer deems necessary for the proper progress of work under this contract.

3-7 CONTRACT DOCUMENTS**3-7.1. General** Add the following:

Except as modified by the Special Provisions, Technical Provisions, Standard Drawings and the Project Plans, all work shall be in accordance with the Provisions of the latest edition of the STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION (SSPWC), including all Supplemental Amendments, as published by Building News, Inc., Los Angeles, California, which Specifications are hereinafter referred to as the Standard Specifications, and when applicable, the California Department of Transportation (Caltrans) Standard Specifications, latest edition, except the following:

Traffic Signal, Lighting, Pavement Striping and Markers, Roadside Sign Work

For roadside sign, traffic striping and pavement marking, pavement markers, and traffic signal and lighting work, the technical provisions provided within Section 56-2, "Roadside Signs," Section 84, "Traffic Stripes and Pavement Markings", Section 85, "Pavement Markers", and Section 86, "Signals, Lighting and Electrical Systems," of the State of California Department of Transportation (Caltrans) Standard Specifications, latest edition, hereafter "State Specification" or "State Standard Specification," shall supersede related provisions of the SSPWC. Except as otherwise specified on the Plans or in these General or Technical Provisions, all work relating to traffic signals and street lighting, including all equipment, materials, components, and the installation thereof, shall be in accordance with the latest edition of the State Standard Plans and Section 86, of the latest edition of the State Standard Specifications. The order of precedence for said State Standard Plans shall be lower than that of the Special Provisions and Plans but higher than that of the Standard Plans and Specifications.

Work within Caltrans Right of Way

Shall conform to the approved plans and permit requirements.

Work within City of Los Angeles Right of Way

Shall conform to the approved plans and permit requirements.

If the contractor, in the course of the work, becomes aware of any claimed errors or omissions in the contract documents or in the City's field work, it shall immediately inform the City Engineer. The City Engineer shall promptly review the matter, and if he/she finds an error or omission has been made, he/she shall determine the corrective actions and advise the Contractor accordingly. If the corrective work associated with an error or omission increase or decrease the amount of work called for in the Contract, the City shall issue an appropriate Change Order. After discovery of an error or omission by the Contractor, any related work performed by the Contractor shall be done at its risk unless authorized by the City Engineer.

Where applicable, the latest edition of the Uniform Building Code (UBC), and Amendments and the Culver City Municipal Code shall be adhered to.

Comply with the provisions for safety practices set forth in the "Manual of Accident Prevention on Construction", published by the Associated General Contractors of America (AGC) 213/263-1500, and to comply with the State of California Occupational Safety and Health Act (Cal-OSHA).

3-8 SUBMITTALS Add the following:

Within fourteen (14) calendar days after the Award of Contract, the Contractor shall, at his or her expense, transmit by letter to the Engineer for review and acceptance, shop drawings and/or other available instructive and descriptive information from the manufacturer, when and as required by the Plans or Special Provisions, or requested by the Engineer. Shop drawings will normally not be required for standard items in common use for which adequate manufacturers' literature is available.

The Contractor shall consecutively number, thoroughly check, approve and sign each Shop Drawing and transmit the Shop Drawings by letter to the Engineer for review. In the event that certain Shop Drawings are unacceptable to the City, they will be rejected by the Engineer. The Contractor shall thereafter, correct said drawings and resubmit same in quadruplicate within seven (7) calendar days.

In the event that in the process of development of the Shop Drawings, it is discovered that there are defects and/or errors on the Plans, resulting in conflict between said Plans and the Shop

Drawings, or if the Shop Drawings show variation from the Plans and/or Contract requirements because of standard shop practice or other reasons, the Contractor shall thoroughly describe and explain said defects and/or conflicts in his transmittal letter to the Engineer.

The Engineer's review of the Shop Drawings will be for general design and arrangement only, and shall not relieve the Contractor from responsibility for errors of any sort in the Shop Drawings or of the responsibility for executing the work in accordance with the Contract. The Contractor shall be solely responsible for the correctness of the drawings, for shop fits and field connections, and for the results obtained by use of such drawings. The Contractor shall verify and be fully responsible for all dimensions and job-site conditions affecting the work and shall be responsible for furnishing and installing the proper materials required by the Contract, whether or not indicated on the Shop Drawings when reviewed.

3-10 SURVEYING

3-10.1 General Revise the subsection and apply the following:

Unless specified otherwise in the Technical Provisions, the **Contractor** shall pay and provide usual and customary construction staking. The Contractor shall submit to the City for approval, the qualifications of the Licensed Land Surveyor prior to commencing the construction staking.

3-12 WORK SITE MAINTENANCE

3-12.1 General Add the following:

When and as often as required by the Engineer, the Contractor shall furnish and operate self-loading motor sweepers with spray nozzles, to keep paved areas affected by the work acceptably clean and dust free.

The Contractor shall remove graffiti from all work, materials, equipment, and signs within the project. Equipment, materials, or signs containing graffiti shall not be brought to the project. Any graffiti found on work, materials, equipment, or signs shall be cleaned or removed from the project within 24 hours from its discovery. The cost of graffiti removal shall be borne by the Contractor, and shall be considered as being included in the various Contract items.

Upon project completion, the contractor shall remove all dig-alert utility markings.

The Contractor shall have sole responsibility for providing security for his materials and equipment on and about the work site against theft and vandalism at all times for the duration of the contract. Contractor shall immediately replace all furniture, equipment, supplies, etc., which is being used or owned by the Owner or his/her designee at or on the project site or other areas under the security of the Contractor that is stolen, lost or damaged through theft, vandalism, graffiti, Contractor's negligence or any similar activity.

3-12.2 Air Pollution Control Add the following:

The Contractor shall comply with all air pollution control rules, regulations, ordinances and statutes which apply to any work performed pursuant to the Contract, including any air pollution control rules, regulations, ordinances and statutes, specified in Section 11017 of the Government Code.

In the absence of any applicable air pollution control rules, regulations, ordinances or statues governing solvents, all solvents, including but not limited to the solvent portions of paints, thinners, curing compounds, and liquid asphalt used on the Project shall comply with the applicable material requirements of the South Coast Air Quality Management District (SCAQMD). All containers of paint, thinner, curing compound or liquid asphalt shall be labeled to indicate that the contents fully comply with said requirements.

3-12.3 Noise Control Add the following:

The Contractor shall comply with all local sound control and noise level rules, regulations and ordinances which apply to any work performed pursuant to the contract.

The noise level requirements shall apply to all equipment on the job or related to the job, including, but not limited to, trucks, transit mixers or transient equipment that may or may not be owned by the Contractor. Each internal combustion engine used for any purpose on the job shall be equipped with a muffler of a type recommended by the manufacturer. The noise level shall be in compliance with Chapter 9, Section 9.07 of the Culver City Municipal Code.

Residential Restrictions—

For residential zones, hours of work shall be limited, in accordance with the Culver City Municipal Code pertaining to Mechanical Noise or Construction Noise near Residential Zones, which prohibits:

- (a) The use or operation of any automobile, motorcycle, engine, machine or mechanical device, or other contrivance or facility, or the carrying on of any trade or business, causing between the hours of 8:00 p.m. and 6:00 a.m., any loud or unusual noise or sound, disturbing the peace of residents of a residentially zoned neighborhood.
- (b) The use of any of the foregoing in construction or excavation work between the hours of 8:00 p.m. and 8:00 a.m., on weekday, or between the hours of 7:00 p.m. and 9:00 a.m. on a Saturday, or between the hours of 7:00 p.m. and 10:00 a.m. on a Sunday, which cause any loud or unusual noise or sound disturbing the peace of residents of a residentially zoned neighborhood.

Interference with Business Prohibited

Contractor must comply with Section 9.04.020(D) of the Culver City Municipal Code pertaining to Mechanical Devices, etc., Interfering with Business or Industrial Operations, which prohibits: The operation of any automobile, motorcycle, engine, machine or mechanical device or other contrivance or facility, or the carrying on of any trade or business, any loud or unusual noise or sound from which interferes with the transaction or conduct of any business or industrial operation in the surrounding area, unless the making of such noise is incident to the construction or repair of buildings or equipment or is otherwise necessary to the protection or preservation of the property from which such noise or sound emanates.

3-12.4.1 Storage of Equipment and Materials Add the following:

It shall be the Contractor's responsibility to locate any storage sites for materials and equipment needed and such sites must be approved in advance by the City Engineer, and must be free of objectionable material. The Contractor must submit to the City Engineer for approval any and all agreement(s) between the Contractor and the property owner(s) of said storage site(s) and/or construction site(s) for approval prior to the start of construction. Said agreement(s) must provide for the restoration of the site(s) by the Contractor prior to the filing of "Notice of Completion" by the City Engineer.

Stockpiling or storage of materials on any public right-of-way or parking areas will not be permitted without the approval of the Engineer. Materials spilled along or on said right-of-way or parking areas shall be removed completely and promptly. All stockpile and storage areas shall be kept in a safe, neat, clean, and orderly fashion, and shall be restored to equal or better than original condition upon completion of the work

3-12.6 Water Pollution Control Add the following:

The Contractor shall comply with the requirements of Subsection 3-12.6 of the Standard Specifications and shall conduct his operations so as to prevent Portland cement, mud, silt or other materials from entering the surface drainage structures of the adjoining street and any underground storm drainage system. Contractor shall prepare and submit Storm Water Pollution Prevention Plan (SWPPP) prepared by qualified SWPPP developer for City's approval. Once approved, the Contractor shall comply with the requirements of project specific Storm Water Pollution Prevention Plan (SWPPP).

In addition to complying with all applicable federal, state and local laws and regulations, the Contractor shall take note of the NPDES (National Pollution Discharge Elimination System) Requirements. The Contractor shall take all precautionary actions and implement all necessary BMPs to prevent sewer discharges to any portion of the storm drain conveyance system including discharge of pollutants from activities such as paving operations, concrete waste washouts, cold-milling, vehicle and equipment fueling from entering storm drain systems. At the minimum, the following shall be implemented:

1. Handle, store, and dispose of materials properly.
2. Avoid excavation and grading activities during wet weather.
3. Construct diversion dikes and drainage swales around working sites.
4. Cover stockpiles and excavated soil with secured tarps or plastic sheeting.
5. Develop and implement erosion control plans (if applicable).
6. Check and repair leaking equipment away from construction sites.
7. Designate a location away from storm drains for refueling.
8. Cover and seal catch basins if work in their vicinity may allow debris or deleterious liquids to enter.
9. Use vacuum with all concrete sawing operations.
10. Never wash excess material from aggregate, concrete, or equipment onto a street.
11. Catch drips from paving equipment with drip pans or absorbent material.
12. Clean up all spills using dry methods.

3-13 COMPLETION, ACCEPTANCE, AND WARRANTY**3-13.1 Completion** Add the following:Record drawings

At the beginning of the project, one print of each applicable drawing will be issued by the City for use in preparing record drawings.

Actual construction conditions shall be accurately and completely recorded on the prints as the project progresses. Contractor shall make complete, current, Record Drawings available for review by the City during the time the Contractor's Application for Payment is being reviewed. Incomplete Record Drawings may delay approval of said Application. Upon completion of the work, the Contractor shall sign the record drawings and shall submit same to the City's Inspector for checking and approval prior to the Notice of Completion is filed.

Completion Date: The project is considered complete and the counting of days for time of completion ends when the City's Project Manager confirms in writing that the Contractor has completed the Work in accordance with the Contract, including completion of all physical work and punch list items, and cleanup work including removal of construction materials/equipment/signage, and does not including warranties or maintenance. Any documentation required in the Contract and by Law does not necessarily need to be furnished by the Contractor by completion date but must be received prior to final payment.

Final Acceptance Date: The date on which the City Council accepts the Work as complete.

The guarantees and agreements set forth hereof shall be secured by a surety bond. Said bond the Contractor may, at his option, provide for the faithful performance bond furnished under the contract to remain in force and effect for said amount until the expiration of said one year period.

Such repair and replacement shall be made promptly upon receipt of written notice from the Engineer. If the Contractor fails to make such repair and replacement promptly, the Engineer may cause the work to be done and the costs incurred thereby shall become the liability of the Contractor and his or her Surety.

If in the opinion of the Engineer, defective work creates a dangerous condition or requires immediate correction or attention to prevent further loss to the City or to prevent interruption of operations of the City, the City will attempt to give the notice required by this article. If the Contractor cannot be contacted or does not comply with the Engineer's request for correction within a reasonable time as determined by the Engineer, the City may, notwithstanding the Provisions of this article, proceed to make such correction or provide such attention, and the costs of such correction or attention shall be charged against the Contractor.

This article does not in any way limit the warranty on any items for which a longer warranty is specified or on any items for which a manufacturer gives a guarantee for a longer period, nor does it limit other remedies of the City in respect to latent defect, fraud implied warranties, or assigned claims.

SECTION 4 – CONTROL OF MATERIALS

4-1 GENERAL Add the following:

No materials, supplies or equipment for the work under this Contract shall be purchased subject to any security agreement or other agreement by which an interest therein or any part thereof is retained by the seller or supplier. The Contractor warrants clear and good title to all materials, supplies and equipment installed and incorporated in the work, and agrees upon completion of all work to deliver the premises, together with all improvements and appurtenances constructed or placed thereon by Contractor, to the Owner free from any claims, liens, encumbrances or charges, and further agrees that neither Contractor nor any person, firm or corporation furnishing any material or labor for any work covered by the Contract shall have any right to a lien upon the premises or any improvement or appurtenance thereon, provided that this shall not preclude the Contractor from installing metering devices or other equipment of utility companies the title of which is commonly retained by the utility company. Nothing contained in this article, however, shall defeat or impair the right of such persons furnishing materials or labor under any bond given by the Contractor for their protection of any right under any law permitting such persons to look to funds due the Contractor in the hands of the Owner.

The provisions of this Section shall be inserted in all subcontracts and material contracts, and notices of its provisions shall be given to all persons furnishing materials for the work when no formal contracts are entered into for such materials.

4-2 PROTECTION Add the following:

Until acceptance of the Work, the Contractor shall have the charge and care of the Work and Materials to be used therein and shall bear the risk of injury, loss, or damage, to any part thereof (regardless of whether partial payments have been made on such damaged portions of the Work) by the action of the elements or from any other cause, whether or not arising from the non-execution of the Work. The Contractor shall rebuild, repair and restore and make good all injuries, losses, or damages to any portions of the Work or materials occasioned by any cause before its completion and acceptance and shall bear the expense thereof, except for such injuries, losses or damages as are directly and proximately caused by the acts of the Owner.

4-4 TESTING Add the following:

Unless otherwise called for hereinafter in these Special Provisions, all testing during construction will be performed by the City in such number and at such locations as deemed necessary by the Engineer to insure compliance with the Plans and Specifications; the cost of all initial testing will be borne by the City; the cost of all retesting will be borne by the Contractor, and the amount due the City for said retesting will be deducted from the Contractor's progress payments.

4-6 TRADE NAMES Add the following:

Wherever catalog numbers and specific brands or trade names not preceded by designation "similar and equal" nor followed by the designation "or equal" are used in conjunction with a designated material, product thing, installation, or service mentioned in these Specifications, to ensure compatibility with existing facilities, no substitutions will be favorably reviewed.

Within ten (10) working days from the date of bid opening, the Contractor shall, at his expense, submit a written request to the Engineer for each desired substitution, accompanied by complete descriptive information from the manufacturer, samples as requested by the Engineer, complete detailed test results from a licensed independent testing laboratory of the City's choice if requested by the Engineer, and if requested by the Engineer, an evaluation report from a qualified licensed professional engineer, all for final evaluation by the Engineer. If in the Engineer's opinion, the requested substitution is of lesser quality or in variance with that specified, or if the information submitted is insufficient or incomplete, the requested substitution will be disallowed and the specified materials or equipment shall be furnished. Except as hereafter provided, no request for substitutions submitted, after the 10-working -day deadline specified will be considered.

If alternative named or substitutions are proposed by the Contractor and favorably reviewed by the City, the Contractor is responsible for providing at no additional cost to the Owner, any engineering designs, any electrical, mechanical, structural, or other related changes or testing that may be required to accommodate or provide the particular material or equipment the Contractor desires to use. Any deviation from the Specifications or the Drawings resulting from the type of material or equipment to be used shall not be the basis for any "extra charges" above and in excess of the original bid price of the work.

In addition the Contractor is responsible for all additional costs to the Owner, and its agents and representatives, for evaluation of data submitted by the Contractor for alternative named or substitutions and any redesign necessary. The Owner shall deduct said costs from the Contract monies due the Contractor.

In the event that a substitute is favorably reviewed, fifty percent (50%) of all savings shall be credited to the Owner.

SECTION 5 – LEGAL RELATIONS AND RESPONSIBILITIES**5-1 LAWS AND REGULATIONS**

The Contractor shall keep fully informed of all existing and future State and Federal laws and county and municipal ordinances and regulations which in any manner affect those engaged or employed in the work, or the materials used in the work, or which in any way affect the conduct of the work, and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same. Contractor shall at all times observe and comply with, and shall cause all his or her agents and employees to observe and comply with, all such existing and future laws, ordinances, regulations, orders, and decrees of bodies or tribunals having any jurisdiction or authority over the work; and shall protect and indemnify the Owner, and all its officers and employees connected with the work, and including but not limited to the Public Works Director/City Engineer, against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order, or decree, whether by Contractor or Contractor's employees.

If any discrepancy or inconsistency is discovered in the Plans, Drawings, Specifications, or Contract for the work in relation to any such law, ordinance, regulation, order or decree the Contractor shall forthwith report the same to the Engineer in writing.

5-7 SAFETY**5-7.2 Safety Orders, Add the following:****Safety Orders and Safety Control**

The Contractor shall be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement shall apply continuously and not be limited to normal working hours. Safety provisions shall conform to U.S. Department of Labor (OSHA), the California Occupational Safety and Health Act, and all other applicable Federal, State, County, and local laws, ordinances, codes, the requirements set forth below, and any regulations that may be detailed in other parts of these Contract Documents. Where any of these are in conflict, the more stringent requirements shall be followed.

No provision of the Contract Documents shall act to make the Owner, the Engineer or any other party than the Contractor responsible for safety. The Engineer shall not have authority for safety on the project. The Contractor shall indemnify, defend and hold harmless the Owner, Engineer, or other authorized representatives of the Owner, from and against any and all actions, damages, fines, suits and losses arising from the Contractor's failure to meet all safety requirements and/or provide a safe work site.

If death or serious injuries or serious damages are caused, the accident shall be reported immediately by telephone or messenger to both the Engineer and the Owner. In addition, the Contractor must promptly report in writing to the Engineer all accidents whatsoever arising out of, or in connection with, the performance of the Work whether on, or adjacent to, the Site, giving full details and statements of witnesses. The Contractor shall make all reports as are, or may be, required by authority having jurisdiction, and permit all safety inspections of the work being performed under this Contract.

If a claim is made by anyone against the Contractor or any subcontractor on account of any accident, the Contractor shall promptly report the facts in writing to the Engineer, giving full details of the claim.

Safety Program

The Contractor shall establish, implement, and maintain a written injury prevention program as required by Labor Code Section 6401.7. Before beginning the Work the Contractor shall prepare and submit to the Engineer a Contractor Safety Program that provides for the implementation of all

the Contractor's safety responsibilities in connection with the Work at the site and the coordination of that program and its associated procedures and precautions with the safety programs, precautions and procedures of each of its subcontractors and other prime Contractors performing work at the site. The Contractor shall be solely responsible for initiating, maintaining, monitoring, coordinating, and supervising all safety programs, precautions and procedures in connection with the Work and for coordinating its programs, precautions and procedures of the subcontractors and other prime contractors performing Work at the site. The Safety Program should contain all the necessary elements for the Contractor to administer its program on site.

The Contractor's compliance with requirements for safety and/or the Engineer's review of the Contractor's Safety Program shall not relieve or decrease the liability of the Contractor for safety. The Engineer's review of the Contractor's Safety Program is only to determine if the above listed elements are included in the program.

Safety Supervisor

The Contractor shall appoint an employee as safety supervisor who is qualified and authorized to supervise and enforce compliance with the Safety Program. The Contractor shall notify the Engineer in writing prior to the commencement of work of the name of the person who will act as the Contractor's safety supervisor and furnish the safety supervisor's resume to the Engineer.

The Contractor, will, through and with his Safety Supervisor, ensure that all of its employees and its subcontractors of any tier, fully comply with the Project Safety Policies. The Safety Supervisor shall be a full time employee of the Contractor whose responsibility shall be for supervising compliance with applicable safety requirements on the work site and for developing and implementing safety training classes for all job personnel. The Owner shall have the authority to request removal of the Contractor's Safety Supervisor if that representative is judged to be improperly or inadequately performing the duties; however, this authority shall not in any way affect the Contractor's sole responsibility for performing this work safely, nor shall it impose any obligation upon the Owner to ensure the Contractor perform its work safely.

Safety and Protection

The Contractor shall take all necessary protection to prevent damage, injury and loss to:

All employees on the Project, employees of all subcontractors, and other persons and organizations who may be affected thereby;

All the Work and materials and equipment to be incorporated therein, whether in storage on or off the site; and

Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities and underground facilities not designated for removal, relocation or replacement in the course of construction.

The Contractor shall comply with all applicable laws and regulations of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss and shall erect and maintain all necessary safeguards for such safety and protection. The Contractor shall notify owners of adjacent property and of underground facilities and utility owners when prosecution of the Work may affect them and shall cooperate with them in the protection, removal, relocation and replacement of their property. All injury or loss to any property caused, directly or indirectly, in whole or in part, by the Contractor, any subcontractor, supplier or any other person or organization part, by the Contractor, any subcontractor, supplier or any other person or organization directly or indirectly employed by any of them to perform or furnish any of the Work or anyone for whose acts any of them may be liable, shall be remedied by the Contractor. The Contractor's duties and responsibilities for the safety and protection of the Work shall continue until such time as all the Work is completed and the Owner has issued a notice of final completion to the Contractor.

Safety Emergencies

In emergencies affecting the safety or protection of persons or the Work or property at the site or adjacent thereto, the Contractor, without special instruction or authorization from the Engineer, is obligated to act to prevent threatened damage, injury or loss. The Contractor shall give the Engineer prompt written notice if the Contractor believes that any significant changes in the Work or variations from the Contract have been caused thereby.

Safety Violations

Should the Contractor fail to correct an unsafe condition, the Engineer shall immediately notify the Owner of the Contractor's failure to correct the unsafe condition. The Owner shall then notify the Contractor through the Engineer that the unsafe condition must be corrected or the work in question will be stopped until the condition is corrected to the satisfaction of the Owner. No extension of time or additional compensation will be granted as a result of any stop order so issued.

The Owner shall have the authority to require the removal from the project of the foreman and/or superintendent in responsible charge of the work where safety violations occur.

Equipment Safety Provisions

The completed Work shall include all necessary permanent safety devices, such as machinery guards and similar ordinary safety items, required by the State and Federal (OSHA) industrial authorities and applicable local and national codes. Further, any features of the Work, including Owner-selected equipment subject to such safety regulations shall be fabricated, furnished, and installed in compliance with these requirements. All equipment furnished shall be grounded and provided guards and protection as required by safety codes, and where vapor-tight or explosion-proof electrical installation is required by safety codes, this shall be provided. Contractors and manufacturers of equipment shall be held responsible for compliance with the requirements included herein. The Contractor shall notify all equipment suppliers and subcontractors of the provisions of this paragraph.

On-Site Copies Required

The Contractor shall have at the work site copies or suitable extracts of: Construction Safety Orders, and General Industrial Safety Orders issued by the State Division of Industrial Safety.

Compliance Required

Contractor shall comply with provision of these and all other applicable laws, ordinances, and regulations, including but not limited to the Occupational Safety and Health Act of 1970 and current amendments, if any, to which particular attention is directed.

Clearance from Power Lines

To help prevent injuries and electrical service interruptions, Contractors are reminded CAL/OSHA requires tools, machinery equipment, apparatus, materials, or supplies must be kept at least 10 feet from voltage lines energized at 50,000 volts or less and even greater distances for lines in excess of 50,000 volts. In addition, the Penal Code of the State of California, Section 385, makes it a misdemeanor to violate certain clearances from high voltage lines.

Prior to starting work in which the aforementioned clearances will be impaired, it will be necessary to contact the Southern California Edison (SCE) Company Business Office nearest the proposed work location and request assistance. SCE will take appropriate action to assist in maintaining required clearances. Such action will be at Contractor's expense. Sufficient lead time to permit planning and scheduling of any necessary work will be required.

Special Hazardous Substance and Process

Contractor acknowledges that Contractor is aware of and in compliance with the provisions of the Hazard Communication Standards (California Administrative Code, Title 8, Section 4194). Contractor shall, at the request of the Owner, demonstrate that Contractor is in complete compliance with the Hazard Communication Standards.

In addition, Contractor shall, at the request of the Public Works Director/City Engineer, provide to the Owner a Material Safety Data Sheet for any product handled or used by the Contractor on Owner property or in an area where an Owner's employee is working.

SECTION 6 – PROSECUTION AND PROGRESS OF THE WORK

6-1 CONSTRUCTION SCHEDULE AND COMMENCEMENT OF WORK Add the following:

The Contractor must provide to the Engineer's Representative within five (5) days after receiving the "Notice to Proceed", a Critical Path Method (CPM) construction schedule in the format of a Gantt Chart and revised schedules thereafter as required by the Engineer when the Contractor's activities differ or are expected to differ from the latest existing schedule.

In addition, unless otherwise notified by the Engineer, the Contractor shall submit a detailed "two-week look-ahead" schedule bi-weekly, including a brief narrative report, showing the activities or portions of activities completed and look ahead during the reporting period. The report shall state the percentage of the work completed and scheduled, the remaining duration, and the progress along the critical path in terms of days ahead or behind the allowable dates as of the report date. Any changes made by the Contractor to the schedule shall be listed.

If, in the opinion of the Construction Manager, the project is behind schedule, the Contractor shall also submit a narrative report with each updated analysis which shall include but not be limited to a description of current and anticipated problem areas, delaying factors and their impact, and an explanation of corrective actions taken or proposed.

If requested by the Contractor, Notice To Procure Equipment and Material may be issued prior to the Notice to Proceed with construction.

6-3 TIME OF COMPLETION

6-3.1 general add the following:

The following days have been designated as holidays by the City of Culver City:

New Year's Day	January 1
Martin Luther King, Jr. Day	3 rd Monday in January
Memorial Day	Last Monday in May
Independence Day	July 4
Labor Day	1 st Monday in September
Thanksgiving	4 th Thursday in November
Day after Thanksgiving	
Christmas Day	December 25

In addition, Culver City observes a "Holiday Slowdown" during which construction activities are prohibited in Public right-of-way. On arterial streets and commercial streets, Holiday slowdown will be observed from:

1. Wednesday before Thanksgiving until Sunday the same week
2. Christmas Eve until January 2nd.

During the slowdown, the Contractor shall maintain job site and public safety and schedule to perform work outside the public right-of-way. No time extension will be granted due to the failure of the Contractor to schedule the work appropriately.

Add the following subsection:

6-3.3 Work Hours

The Contractor's working hours shall be limited to the hours between 8:00 A.M. and 5:00 P.M. Monday through Friday, excluding recognized holidays. Workdays are defined in Section 6-7.2 of the Standard Specifications and as modified above. The Contractor shall not do any construction activity outside of the work hours, including but not limited to demolition, removal, construction, or material staging or delivery.

Work hours other than normal work hours will not be allowed without prior consent of the City Engineer.

For work performed at night, the Contractor shall provide adequate lighting for proper prosecution of the work for the safety of the workers and the public, and for proper inspection.

Work in Caltrans Right of Way may have more restricted working/lane closure hours. The contractor shall adhere to all Caltrans encroachment permit requirements.

6-4 DELAYS AND EXTENSION OF TIME Add the following:

The Contractor shall retain the right to fully complete (include final completion, punch list and project close out) the Work in less days than established by the contract agreement. However, neither shall a reduction or increase to the Contract Sum be made, if the Work is so fully completed in less days than established by the contract agreement nor shall a Claim be made or granted for Compensable Delay, or any other increase in Contract Sum, if, for any reason, including but not limited to delay caused by owner, the Contractor does not so fully complete the Work in less days than established herein.

When the Contractor foresees a delay in the prosecution of the Work and, in any event, immediately upon the occurrence of a delay, the Contractor shall notify the Public Works Director/City Engineer in writing of the probability of the occurrence and the estimated extent of the delay, and its cause. The Contractor shall take immediate steps to prevent, if possible, the occurrence or continuance of the delay. The Contractor agrees that no claim shall be made for delays which are not called to the attention of the Public Works Director/City Engineer at the time of their occurrence.

Non-excusable delays in the prosecution of the Work shall include delays which could have been avoided by the exercise of care, prudence, foresight, and diligence on the part of the Contractor or its subcontractors, at any tier level, or suppliers.

Only the physical shortage of material, caused by unusual circumstances, will be considered under these provisions as a cause for extension of time, and no consideration will be given to any claim that material could not be obtained at a reasonable, practical, or economical cost or price, unless it is shown to the satisfaction of the Public Works Director/City Engineer that such material could have been obtained only at exorbitant prices entirely out of line with current rates, taking into account the quantities involved and usual practices in obtaining such quantities. A time extension for shortage of material will not be considered for material ordered or delivered late or whose availability is affected by virtue of the mishandling of procurement. The above provisions apply equally to equipment to be installed in the work.

6-6 SUSPENSION OF WORK Add the following:

If the Contractor fails to correct defective or unauthorized work as required by the Contract Documents or fails to carry out the Work in accordance with the Contract Documents or any other applicable rules and regulations, the Owner, by a written order of the Owner's representative or signed personally by an agent specifically so empowered by the Owner, in writing, may order the Contractor to stop the work, or any portion thereof, until the cause for such order has been eliminated; however, this right of the Owner to stop the Work shall not give rise to any duty on the part of the Owner to exercise this right for the benefit of the Contractor or any other person or entity. All delays in the Work occasioned by such stoppage shall not relieve the Contractor of any duty to perform the Work or serve to extend the time for its completion. Any and all necessary corrective work done in order to comply with the Contract Documents shall be performed at no cost to the Owner.

In the event that a suspension of Work is ordered, as provided in this paragraph, the Contractor, at its expense, shall perform all work necessary to provide a safe, smooth, and unobstructed passageway through construction for use by public, pedestrian, and vehicular traffic, during the period of such use by suspension. Should the Contractor fail to perform the Work as specified, the Owner may perform such work and the cost thereof may be deducted from monies due the Contractor under the Contract.

The Owner shall also have authority to suspend the Work wholly or in part, for such period as the Owner may deem necessary, due to unsuitable weather, or to such other conditions as are considered unfavorable for the suitable prosecution of the Work. Such temporary suspension of the Work will be considered justification for time extensions to the Contract in an amount equal to the period of such suspension if such suspended work includes the current critical activity on the latest favorably reviewed progress schedule.

6-7 TERMINATION OF THE CONTRACT FOR DEFAULT Add the following:

The Contract may be canceled by the Owner without liability for damage when, in the Owner's opinion, the Contractor is not complying in good faith, has become insolvent, or has assigned or subcontracted any part of the work without the Owner's consent. In the event of such cancellation, the Contractor will be paid the actual amount due based on the quantity of work satisfactorily completed at the time of cancellation, less damages caused to the Owner by acts of the Contractor causing the cancellation. The Contractor, in having tendered a bid, shall be deemed to have waived any and all claims for damages because of cancellation of the Contract for any such reason. If the Owner declares the Contract canceled, for any of the above reasons, written notice to that effect shall be served upon the Surety. The Surety shall, within five (5) working days, assume control and perform the work as successor to the Contractor.

If the Contractor fails to begin delivery of material and equipment, to commence work within the time specified, to maintain the rate of delivery of material, to execute the work in the manner and at such locations as specified, or fails to maintain a work program which will ensure the Owner's interest or, if the Contractor is not carrying out the intent of the Contract, the Public Works Director/City Engineer's written notice may be served upon Contractor, and the Surety on Contractor's faithful performance bond, demanding satisfactory compliance with the Contract.

If the Contractor or Contractor's Surety does not comply with such notice within five (5) working days after receiving it, or after starting to comply fails to continue, the Owner may exclude the Contractor from the premises and take possession of all material and equipment, and complete the work by Owner forces or by letting the unfinished work to another contractor, or by a combination of such methods. In any event, the cost of completing the work will be charged against the Contractor and Contractor's Surety, and may be deducted from any money due or becoming due from the Owner. If the sums under the Contract are insufficient for completion, the Contractor or Surety shall pay to the Owner within five (5) working days after the completion, all costs in excess of the Contract price.

If the Surety assumes any part of the work, Surety shall take the Contractor's place in all respects for that part, and shall be paid by the Owner for all work performed by Surety in accordance with the Contract. If the Surety assumes the entire Contract, all money due the Contractor at the time of Contractor's default shall be payable to the Surety as the work progresses subject to the terms of the Contract.

The provisions of this Section shall be in addition to all other rights and remedies available to the Owner under law.

6-8 TERMINATION OF THE CONTRACT FOR CONVENIENCE Add the following:

The Owner may terminate the Contract at its own discretion or when conditions encountered during the work make it impossible or impracticable to proceed, or when the Owner is prevented from proceeding with the Contract by law, or by official action of a public authority. The Contractor will be compensated for works satisfactorily completed up to the date of termination of the contract by the Owner.

If all or any part of the work shall be damaged or destroyed by war, or acts of foreign aggression, fire, storm, lighting, flood, earthquake, settlement of defective soil, expansion or contraction, cracking or deflection, tidal wave, water, oil (surface or subsurface), mob violence or other casualty before the final completion of the work, the Contractor, upon notice from the Owner, shall resume construction and proceed in accordance with the Plans and Specifications. Provided that such damage or destruction was not caused by any condition related to Contractor's non-conformance with the provisions of these contract documents, the Owner will bear the total cost of removing and/or replacing all damaged and/or destroyed work. However, if the Owner exercises its option to abandon the project because of damage or destruction to the work by any of the above-mentioned causes, Owner may terminate this Contract upon three days' notice to the Contractor. Within 30 days after the date of such termination, the Contractor shall be paid all actual costs of the work to the date of termination for which it had not been previously paid.

If the owner abandons the project, the owner shall have the right, at any time, to terminate this Contract by notice to the Contractor, in which event, the owner shall pay the contractor pro rata for all work actually provided up to the date of such notice, for which it had not been previously paid, and the Owner shall have no further liability or obligations under this contract.

6-9 LIQUIDATED DAMAGES. Delete the entire subsection and substitute the following:

Failure of the Contractor to complete the Work within the time allowed will result in damages being sustained by the Agency. Such damages are, and will continue to be, impracticable and extremely difficult to determine. For each consecutive calendar day in excess of the time specified for completion of the Work, as adjusted in accordance with 6-6, the Contractor shall pay to the Agency, or have withheld from moneys due it, the sum of **\$1,000**. Execution of the contract under these Specifications shall constitute agreement by the Agency and Contractor that **\$1,000** per calendar day is the minimum value of the costs and actual damage caused by failure of the Contractor to complete the Work within the allotted time. Such sum is liquidated damages and shall not be construed as a penalty, and may be deducted from payments due the Contractor if such delay occurs.

In addition to the liquidated damages specified, if the Contractor fails to complete the work within the time specified for completion, plus any authorized time extensions, the Agency shall have the right to charge to the Contract all or any part, as it may deem proper, of the actual costs of inspection, supervision and other overhead expenses that are directly chargeable to the project and that accrue after the expiration of such specified time for completion plus authorized extensions. This charge will be addition to the payment of liquidated damages.

6-10 LEGAL ACTIONS AGAINST THE CITY Add the following subsection:

In the event litigation is brought against the City concerning compliance by the City with State or Federal laws, rules or regulations applicable to highway work, the provisions of this section shall apply.

a. If, pursuant to court order, the City prohibits the Contractor from performing all or any portion of the work, the delay will be considered a right of way delay within the meaning of Subsection 6-6 of the Standard Specification unless the contract is terminated as hereinafter provided, in which event compensation payable to the Contractor shall be determined in accordance with said termination provisions.

b. If, pursuant to court order (other than an order to show cause) the City is prohibited from requiring the Contractor to perform all or any portion of the work, the City may, if it so elects, eliminate the enjoined work pursuant to Section 3 of the Standard Specifications or terminate the contact in accordance with Subsections 6-3 and 6-5 of the Standard Specifications.

c. If the final judgment in the action prohibits the City from requiring the Contractor to perform all or any portion of the work, the City will either eliminate the enjoined work pursuant to Sections 3 of the Standard Specifications or terminate the Contract in accordance with Subsections 6-3 and 6-5 of the Standard Specifications.

d. Termination of the Contract and the total compensation payable to the Contractor in the event of termination shall be governed by the following:

- (1) The Engineer will issue the Contractor a written notice specifying that the Contract is to be terminated. Upon receipt of said written notice and, except as otherwise directed in writing by the Engineer, the Contractor shall:
 - a. Stop all work under the contract, except that specifically directed to be completed prior to acceptance.
 - b. Perform work the Engineer deems necessary to secure the project for termination.
 - c. Remove equipment and plan from the site of the work.
 - d. Take such action as is necessary to protect materials from damage.
 - e. Notify all Subcontractors and suppliers that the contract is being terminated and that their contracts of orders are not to be further performed unless otherwise authorized in writing by the Engineer.
 - f. Provide the Engineer with an inventory list of all materials previously produced, purchased or ordered from suppliers for use in the work and not yet used in the work, including its storage location and such other information as the Engineer may request.
 - g. Dispose of materials not yet used in the work as directed by Engineer. It shall be the Contractor's responsibility to provide the City with good title to all materials purchased by the City hereunder, including materials for which partial payment has been made as provided in Subsection 9-3.2 of the Standard Specifications, and with bills of sale or other documents of title for such materials.
 - h. Subject to the prior written approval of the Engineer, settle all outstanding liabilities and all claims arising out of subcontracts or orders for materials terminated hereunder. To the extent directed by the Engineer, the Contractor shall assign to the City all the right title and interest of the Contractor under subcontracts or orders for materials terminated hereunder.
 - i. Furnish the Engineer with the documentation required to be furnished by the Contractor under the provisions of the contract including, on projects as to which Federal funds are involved, all documentation required under the Federal requirements included in the contract.
 - j. Take such other actions as the Engineer may direct.

- (2) Acceptance of the Contract as hereinafter specified shall not relieve the Contractor of responsibility for damage to materials except as follows:
- A. The Contractor's responsibility for damage to materials for which partial payment has been made as provided in Subsection 9-3.2 of the Standard Specifications, and for materials furnished by the City for use in the work and unused, shall terminate when the Engineer certifies that such materials have been stored in the manner and at the locations he has directed.
 - B. The Contractor's responsibility for damage to materials purchased by the City subsequent to the issuance of the notice that the contract is to be terminated shall terminate when title and delivery of the materials has been taken by the City.
 - C. When the Engineer determines that the Contractor has completed the work under the contract directed to be completed prior to termination and such other work as may have been ordered to secure the project for termination, he will recommend that the Engineer formally accept the Contract, and immediately upon and after such acceptance by the Engineer, the Contractor will not be required to perform any further work thereon and shall be relieved of his contractual responsibilities for injury to persons or property which occurs after the formal acceptance of the project by the Engineer.
- (3) The total compensation to be paid to the Contractor shall be determined by the Engineer on the basis of the following:
- a. The reasonable cost to the Contractor, without profit, for all work performed under the contract, including mobilization, demobilization and work done to secure the project for termination. Reasonable cost will include a reasonable allowance for project overhead and general administrative overhead not to exceed a total of seven percent (7%) of direct costs of such work.

When in the opinion of the Engineer, the cost of a contract item of work is excessively high due to costs incurred to remedy or replace defective or rejected work, the reasonable cost to be allowed will be the estimated reasonable cost of performing such work in compliance with the requirements of the Plans and Specifications and the excessive actual cost shall be disallowed.
 - b. A reasonable allowance for profit on the cost of the work performed as determined under Subsection (a), provided the Contractor establishes to the satisfaction of the Engineer that it is reasonably probable that he would have made a profit had the contract been completed and provided further that the profit allowed shall in no event exceed four percent (4%) of said cost.
 - c. The reasonable cost to the Contractor of handling material returned to the vendor, delivered to the City or otherwise disposed of as directed by the Engineer.
 - d. A reasonable allowance for the Contractor's administrative costs in determining the amount payable due to termination of the contract.

All records of the Contractor and his Subcontractors, necessary to determine compensation in accordance with the provisions of this section, shall be open to inspection or audit by representatives of the City at all times after issuance of the notice that the contract is to be terminated and for a period of three years, and such records shall be retained for that period.

After acceptance of the work by the Engineer, the Engineer may make payments on the basis of interim estimates pending issuance of the Final Estimate when in his opinion the amount thus paid,

together with all amounts previously paid allowed, will not result in total compensation in excess of that to which the Contractor will be entitled. All payments, including payment upon the Final Estimate shall be subject to deduction for prior payments and amounts, if any, to be kept or retained under the provisions of the contract.

The provisions of this section shall be included in all subcontracts.

SECTION 7 – MEASUREMENT AND PAYMENT

7-3 PAYMENT

7-3.1 General. Add the following:

Payment for cost of work to comply with the General Provisions of the Standard Specification for Public Works Construction and as modified by this Contract shall be included in the various bid items, and no additional payment will be made.

Bid prices provided on the appropriate Bid Form will remain in force as Unit Prices under the Contract Documents until the Contract has been fully performed. No cost escalation is allowed due to material price increase for the term of the project.

When an item of work is not listed in the “bid schedule” in the bid proposal, the cost of such work shall be considered to be included in the cost of the other Work that is listed. The Contractor is to provide all labor, material, and equipment necessary to complete the Project in accordance with the plans and specifications including, but not limited to the following:

- a. All “Special Provisions” work required to complete the Project in a safe and orderly manner including, but without being limited to, safety measures, hoists, flagmen, clean-up, barricades, fences, temporary utilities, utility fees and charges, parking for the Contractor’s and Subcontractor’s personnel, and temporary facilities as may apply to this Work;
- b. All insurance in accordance with the insurance requirements of the Contract;
- c. Maintain and update current record drawings on-site. Upon project completion provide the Owner a legible set of record drawings, operation and maintenance manuals, warranties, and guarantees;
- d. All permits required;
- e. Construction schedule indicating material lead times, shop drawings, order dates, start and end dates, milestone dates. The schedule shall be updated monthly;
- f. Monthly project status report; Attend weekly project meetings;
- g. All engineering, testing and inspection costs for defective work, and work performed outside of the work hours set forth in Section 6-7 of the Special Provisions;

- h. Repair or replace all existing improvements (public or private) damaged by the Contractor. The Contractor is responsible to provide evidence of pre-existing conditions;
- i. All scheduling of utility connections turn on/off including but not limited to electrical services (for street lighting, traffic signals, and irrigation controllers) and water meters.
- j. All construction survey/staking necessary to set grade for all improvements. The survey provider shall be appropriately licensed by the State of California and is subject to approval by the Owner;
- k. Watchman or security service, as necessary;
- l. Perimeter fencing of work zones and staging area as necessary for public safety and protection of equipment and materials;
- m. Dust control, street cleaning, and protection and/or replacement of existing surfaces or properties;
- n. Submittal Log of all submittals required to the Owner including but not limited to SWPPP, material, products, concrete testing data, batch plant testing data, shop drawings and traffic control and phasing plans. Said log shall be updated for each weekly project meeting.

All costs for the preceding shall be included in the other items for which bids are entered.

The City may keep any monies which would otherwise be payable at any time hereunder and apply the same, or so much as may be necessary therefore, to the payment of any expense, losses or damages, as determined by the Engineer, incurred by the City, for which the Contractor is liable under the Contract.

Other Withholds

In addition to the amount which the Owner may otherwise retain under the Contract, the Owner may withhold a sufficient amount or amounts of any payment or payments otherwise due the Contractor, as in its judgment may be necessary to cover:

- a. Payments which may be past due and payable for just claims against the Contractor or any subcontractor for labor or materials furnished for the performance of this Contract.
- b. Defective work not remedied.
- c. Failure of the Contractor to make proper payments to its subcontractors or suppliers.
- d. A reasonable doubt that the Contract can be completed for the balance remaining.
- e. Damage to another Contractor or third party, or to private or City property.
- f. Failure of the Contractor to keep its work progressing in accordance with its progress schedule or maintaining current Record Drawings.

- g. The Owner's costs for the Contractor's failure to complete work within the allowed time.
- h. Cost of insurance arranged by the Owner due to cancellation or reduction of the Contractor's insurance.
- i. Failure of the Contractor to make proper submissions, as herein specified.
- j. Failure to submit, revise, resubmit, or otherwise conform to the requirements herein for preparing and maintaining a construction schedule.
- k. Payments due the Owner from the Contractor.
- l. Provisions of law that enable or require the Owner to withhold such payments in whole or in part.

The Owner in its discretion may apply any withheld amount or amounts to the payment of valid claims. In so doing, the Owner shall be deemed the agent of the Contractor, and any payment so made by the Owner shall be considered as a payment made under the Contract by the Owner to the Contractor, and the Owner shall not be liable to the Contractor for such payment made in good faith. Such payments may be made without prior judicial determination of the claim or claims. The Owner will render to the Contractor a proper accounting of such funds disbursed in behalf of the Contractor.

Pursuant to Public Contract Code Section 22300, for monies earned by the Contractor and withheld by the Owner to ensure the performance of the Contract, the Contractor, may, at its option, choose to substitute securities meeting the requirements of said Public Contract Code Section 22300. There would be an associated administrative charge of \$75 per each Contractor's Progress Invoice.

7-3.2 Partial and Final Pay Quantities. Add the following:

When the estimated quantities for a specific portion of the work are designated as a final payment quantities, said estimated quantities shall be the final quantities for which payment for such specific portion of the work will be made unless the dimensions of said portions of the work shown on the plans are revised by the Engineer. If such dimensions are revised and such revisions result in an increase or decrease in the quantities of such work, the final quantities for payment will be revised in the amount represented by the changes in the dimensions. The estimated quantities for such specified portion of the work shall be considered as approximate only, and no guarantee is made that the quantities which can be determined by computations made based on the details and dimensions shown on the plans will equal the estimated quantities. No allowance will be made in the event that the quantities based on computations do not equal the estimated quantities.

7-3.3 Delivered Materials Add the following:

Unless included in the Bid Schedule, or unless otherwise called for in Technical Provisions, no payment will be made for materials or equipment delivered but not yet incorporated in the work.

7-4 PAYMENT OF EXTRA WORK

7-4.1 General Add the following:

The Contractor shall not perform any extra work prior to written authorization from the Engineer.

7-4.2.3 Tool and Equipment Rental Revise the statement in the subsection and apply the following:

Regardless of ownership, the rates to be used in determining equipment rental costs shall not exceed listed rates according to California State Transportation Authority (CalTrans) "Labor Surcharge and Equipment Rental Rates (Cost of Equipment Ownership)", at the time the Extra Work is performed.

7-4.3 Markup Delete the entire paragraph and substitute the following:

Work by Contractor When extra work is to be paid for on a force account basis, the labor, materials, equipment rental and other items of expenditures, the percentage of markup applied to the Contractor's direct cost for all overhead and profit shall be as follows:

(1)	Labor.....	12
(2)	Materials.....	12
(3)	Equipment Rental.....	12
(4)	Other Items and Expenditure.....	12

Work by Subcontractor. When all or any part of the extra work is performed by a Subcontractor, the markup established above in this section shall be applied to the Subcontractor's actual cost of such work. A markup of 10 percent on the first \$5,000 of the subcontracted portion of the extra work and a markup of 5 percent on work added in excess of \$5,000 of the subcontracted portion of the extra work may be added by the Contractor.

To the sum of the costs and markups provided for in this section, 1% shall be added as compensation for bonding.

7-4.4 Daily Reports By Contractor Add the following:

Material charges shall be substantiated by valid copies of vendor's invoices. Such invoices shall be submitted with the daily extra work reports, or if not available, they shall be submitted with subsequent daily extra work reports. When these daily extra work reports are agreed upon and signed by both parties, said reports shall become the basis of payment for the work performed.

SECTION 8 – FACILITIES FOR AGENCY PERSONNEL

Facilities for Agency Personnel is not required on this project unless specified otherwise in the Technical Provisions.

PART 4**EXISTING IMPROVEMENTS****SECTION 400 PROTECTION AND RESTORATION****400-1 General** Add the following subsection:

The Contractor shall examine all adjoining premises (including for the purposes hereof, streets and sidewalks) and buildings, and ascertain, before beginning work, the depth of cellars, materials and construction of buildings and all existing conditions of such premises and the buildings thereon, and shall be governed thereby for the necessary, thorough, safe and satisfactory execution of all work called for herein, whether indicated on Plans and/or specified, or not, and all work and protective measures necessary to keep and leave the said premises and buildings in the same condition as they were before commencing work shall be done without any addition to the Contract Price. Wherever any parts of the existing adjoining buildings interfere with or are interfered with by the work to be performed hereunder, the Contractor shall make whatever changes necessary thereby, whether shown on the Plans, called for in the Specifications, or not shown or not called for. The Contractor, before commencing work on the premises, shall, if he sees fit, make a written report of the conditions as found at that time, noting particularly any defects in evidence, taking photographs of the exteriors, and, if necessary, photographs of interiors, and shall deliver to the Owner a copy of the written report of the examination and copies of photographs with the date of taking thereon. The Contractor shall invite the Owner and the owners of the respective properties and buildings to join with them in the examination of the premises and buildings. The Owner may, at its option, be present during the examination. If the Contractor fails to make the examination and report as herein specified, it will be deemed that the adjoining buildings and premises are in good condition, and all claims for damages, repairs and replacements must be treated by the Contractor on the basis that the buildings and premises were in good condition before work began.

The Contractor shall shore up, brace, underpin, secure, and protect all foundations, improvements, and other parts of existing structures adjacent to the work site, which may in any way be affected by excavation or other operations in connection with the work to be performed under this contract. The Contractor shall be responsible for giving all required notices to any joining property owner or other party before commencement of work.

SECTION 401 REMOVAL**401-1 General** Add the following subsection:

Solid waste handling and recyclable waste material handling shall be performed exclusively by the City or its authorized agents. The City Council may regulate, by ordinance or resolution, all aspects of solid waste handling and recyclable material handling, including but not limited to, frequency of collection, means of collection and transportation, level of services, charges, fees, and nature, location and extent of providing solid waste handling services.

The City of Culver City provides waste disposal and recycling services for all construction & demolition projects within city limits in accordance with CCMC 5.01.010. As part of The City of Culver City's permitting process, the information provided will assist in establishing waste disposal and recycling services account and initiate waste collection, processing and disposal services for materials generated for the duration of the project. For further information such as roll-off bin rates, contact the Sanitation Division at (310) 253-6400.

Contractor shall divert a minimum of seventy-five percent (75%) of the construction and demolition debris resulting from the work per CCMC 15.02.1140. The Contractor shall upload monthly hauler tickets to the Green Halo System at the end of each month. Before starting work, contractors must register the project in Green Halo, submit a waste management plan, and coordinate all hauling services through Culver City's Environmental Programs and Operations Division.

The City utilizes the Green Halo System for tracking the construction and demolition waste management process. Upon project award, the Contractor will be directed to the Green Halo website to continue the Waste Management Application process. Once the application is submitted, the Contractor shall receive separate email notifications directly from Green Halo to activate the account. Confirmation emails shall be forwarded to the City's Project Manager. A case will be created to monitor the construction and demolition recycling activities of your project. The Contractor shall not commence work until the Green Halo application is complete. A monthly "C&D Administration Fee" (See Appendix D – Public Works Department Environmental Programs & Operations: Service Agreement and C&D Fee Schedules) will apply for the duration of the project. All waste tickets must be uploaded to the Green Halo account, and full compliance is required to receive final inspection approval and close out the project.

If you have any questions regarding C&D requirements, please contact Jezenia Aguirre at jezenia.aguirre@culvercity.org.

The bidders shall estimate quantities of all Construction and Demolition waste for the project and obtain approval for any self-hauling operations from Culver City's Environmental Programs and Operations Division.

The cost to comply with the City's Construction and Demolition Waste Management Plan shall be included in the unit or lump sum prices for the applicable items of work listed in the Bidder's Proposal and no additional compensation will be allowed.

SECTION 402 – UTILITIES

402-1 LOCATION

402-1.1 General Add the following:

Prior to performing any excavation, the Contractor shall determine, by potholing, the location and depth of all utilities, including service connections, which have been marked by the respective owners and which may affect or be affected by its operations. The Contractor shall pothole all utility crossings on public streets. The Contractor shall verify depth of all service utility crossings under sidewalk. Contractor shall locate all existing utilities, including storm and sewer main and laterals, within the project vicinity and shall exercise due care to ensure that existing utility facilities are not damaged during his operations. The existence of sewer mains or storm drains is evidenced by the manhole structures and catch basins. When in doubt, the Contractor shall contact the utility operator concerned before proceeding further.

Pipelines, conduits and other facilities may be buried within the limits of the work or adjacent thereto and may or may not be shown or indicated on the Plans. The Public Works Director/City Engineer possesses records of certain utility facilities located within the public right-of-way. These records are available for inspection by the Contractor at the Engineer's Office. In making these records available, the Owner does not warrant or guarantee the accuracy or completeness of the information contained therein and does not represent that the facilities shown on said records actually exist at the locations shown or elsewhere or that the Contractor may not encounter facilities not identified in said records. The sewer service laterals are owned by the property owners and will not be marked by the City. Sewer system atlas sheet is available upon request for contractor's reference. However, the City shall not guarantee the accuracy of the information. It shall be the Contractor's responsibility to locate and pothole all laterals. The Contractor at its expense shall repair sewer laterals that are damaged as the result of contractor's activities.

At signalized intersections with Red Light Enforcement Camera Systems, the Contractor shall coordinate with the Red Light Enforcement Camera manufacture and/or maintenance company to identify the substructure (e.g. conduit runs) and for notification of work prior to construction.

The Contractor shall immediately notify the Engineer of any potential conflict with the proposed improvements. The cost of repair to any utility damaged by the contractor due to failure to determine location and depth as required herein shall be borne by the Contractor. Full compensation for determining location and depth of utilities shall be considered as included in the prices bid for other items of work, and no additional compensation will be allowed.

402-2 PROTECTION Add the following:

The contractor shall protect in place all existing sewer, storm drain, and other utility manhole lids and covers, water meter boxes and covers, gas meter boxes and covers, valve covers, etc. to grade unless specifically designated for adjustment by others on the Plans. Payment for adjustment of said items to grade shall be considered as part of related bid items for which payment is made and no separate payment will be made therefore.

For Ting Fiber Utility:

Protect in Place underground utilities, including Ting Fiber Utility that is approximately 6" below street surface. Ting Utility is generally located along the edge of the gutter, on both sides of the street.

If the conduit is fully exposed in a working section but not going to be affected, a layer of sand is placed between the conduits and the material being laid to prevent it from sticking or melting the conduit. The Contractor is responsible if the conduit is hit or the fiber is damaged.

PART 6**TEMPORARY TRAFFIC CONTROL****SECTION 600 ACCESS****600-1 General** Add the following:

Traffic and access, including but not limited to vehicular and pedestrian traffic controls, maintenance of vehicular and pedestrian access, detours, and street closures, shall be in accordance with Subsection 7-10, of the latest edition of the Standard Specifications for Public Works Construction, including all its subsequent amendments; the latest edition of the Work Area Traffic Control Handbook ("WATCH") as published by the Building News, Inc., and the following Special Provisions. In the event of conflict, the Special Provisions shall take precedence over the Work Area Traffic Control Handbook ("WATCH") and the Standard Specifications, and the Work Area Traffic Control Handbook ("WATCH") shall take precedence over the Standard Specifications.

The Contractor is solely responsible for the traffic control safety of pedestrians and vehicles on the public right-of-way within the Contractor's work area. The Contractor shall hold harmless and indemnify the Owner, and each of its officers and employees, for any and all damages to persons and property due to the Contractor's failure to maintain adequate traffic control and safety. It is the affirmative duty of the Contractor to maintain all of his traffic control devices on the project at all times, including night and/or weekends.

The Contractor shall notify by printed notice, the occupants of all properties within the construction zone of any access, parking and circulation restrictions and limitations that will be created by the construction at least 7 calendar days in advance of the commencement of construction. This notice shall be prepared by the City of Culver City, but be distributed by the Contractor.

No closure of any street shall be allowed unless prior written permission is obtained from the City Engineer. If permission to close a street is granted, then the Contractor is required to notify in writing at least five (5) working days in advance of street closures, all emergency services, and school bus services shall be notified by the contractor in writing of the locations, time, and date of the closures. In case of schedule changes, the emergency services, etc., shall be notified by telephone at least two (2) days in advance of the street closure.

Business Access

Pedestrian and vehicular access shall be maintained to businesses fronting the Work except when construction of areas immediately fronting a business entrance precludes such access. Contractor shall notify affected business three (3) business days in advance of construction.

Contractor shall make provisions for deliveries to business including temporary loading zones

Convenient and safe pedestrian access to occupied residential and business property shall be maintained at all times. Access to mailboxes must be maintained at all times such that the postal delivery service is not- interrupted. Trash pick-up service shall not be interrupted. Access to vacant and unused property may be restricted when approved by the Engineer. Both vehicular and pedestrian access shall be maintained at all times to all other property except as otherwise specifically authorized in writing by the City's Engineer.

Temporary No Parking

The Contractor shall notify in writing residents of property adjoining the location of the work at least forty-eight (48) hours before the start of construction on that street. The Contractor is responsible for posting "temporary no-parking" signs at least forty-eight (48) hours before using the parking lane for construction purposes. The Contractor shall be responsible for furnishing, posting, and removing temporary "No Parking" and "No Driving" signs (as applicable) along project streets. Signs shall be posted on each side of the street with a

maximum of 200 feet between signs. When necessary, the Contractor shall furnish posts. Pursuant to City requirements, "Temporary No Parking" signs must be posted and verified by the Culver City Police Department 48 hours prior to beginning of construction.

The Contractor shall coordinate with postal authorities for the temporary relocation of mailboxes. Contractor shall provide signage directing pedestrian and vehicular traffic to temporary mailbox locations.

In the case of work requiring excavation of the roadway which may interfere with the use by residents or businesses of their driveways, suitable provisions shall be made by the Contractor at such time as the exigencies of construction may demand a temporary blocking of said driveways. Efforts shall be made by the Contractor to minimize the duration of said blocking and to notify the residents of this need well in advance. Further, the Contractor shall provide access to each residential or commercial establishment each evening. Any trench or excavation in the street or alley which remains open after work hours shall be covered by steel plates.

SECTION 601 TEMPORARY TRAFFIC CONTROL FOR CONSTRUCTION AND MAINTENANCE WORK ZONES

601-2 Traffic Control Plans (TCP) Add the following:

On all Arterial streets or other streets as required in the Technical Provisions, The Contractor shall submit detailed Traffic Control Plans (TCP) on 24" x 36" sheet which shall clearly show and describe all proposed lights, warning signs, barricades, delineators, temporary lane markings, temporary traffic signals or signs, and any and all other facilities proposed to be installed. TCP shall be prepared by a Registered Civil or Traffic Engineer and shall show all lane closures, restrictions, tapers, and other disruptions of normal traffic flow, including pedestrian and vehicular detours. A schedule shall be included. TCP shall be submitted to the Engineer for approval no later than two (2) weeks after the award of contract. It shall be the Contractor's responsibility to immediately revise the TCP at the direction of the Engineer, and the Contractor hereby agrees that such Plan shall be strictly adhered to, and the Contractor hereby understands and agrees that its failure to provide any facility or device as shown on the TCP, or its deviation from said Plan, shall constitute a breach of contract. Traffic control set up in the field shall be inspected and approved by the City Engineer's Representative prior to commencement of any construction activity.

-- End of Section --

NOT FOR BID

SECTION F
TECHNICAL SPECIFICATIONS

BID ITEM No 1. MOBILIZATION/TRAFFIC CONTROL

The scope of the work shall include the obtaining of all bonds, insurance; moving onto the site of all project work areas and equipment; and the furnishing of other construction facilities; all as required for the proper performance and completion of the Work. Mobilization shall include but not be limited to the following principal items:

1. Notification to adjacent businesses and residences. Contractor will be required to print and distribute a 7-day advance notice to each business and residence that may be impacted by the construction. Submit the notices to the City for approval. Notices shall be received at least 7 days prior, but not more than 14 days. The Contractor shall provide a list to the City Project Manager of all addresses notified.
2. The movement of personnel, equipment, supplies and incidentals to the project site.
3. Furnishing, installing, and maintaining all storage yards or sheds required for temporary storage of products, equipment, or materials that have not yet been installed in the Work. Construction yard: As specified in the Special Provisions 3-12.4.1, the contractor is responsible for locating the construction yard for its construction operation. The contractor shall provide lease agreement and insurance prior to use any rented lot.
4. Confined space entry to excavations.
5. Have the Contractor's superintendent or foreman at the job site full time.
6. Submittal of required construction schedule as specified. Construction schedule shall be kept up-to-date throughout the duration of the project. Unless otherwise confirmed by the Project Manager, the schedule at the start of the week shall be used to coordinate with other Departments and City Staff for that work week. Inspections must be scheduled at least 24 hours in advance.
7. All submittals as required in the specifications.
8. Submit work site exhibits for each job location, showing items including but not limited to equipment placement, materials storage, temporary restroom placement, demolition and construction debris disposal location, etc.
9. In addition, Mobilization shall include all items required to conform to project site management efforts, including Best Management Practices (BMPs) per the 2024 Construction BMP Handbook. BMP's shall include all labor, work and materials necessary to plan and implement BMPs into the project. BMPs shall include methods and materials to provide safety and protection throughout construction. Designated plans may be required to be submitted to and approved by the Engineer prior to beginning construction.

Mobilization includes all work necessary to mobilize and demobilize forces, equipment, transportation, and materials; obtain bonding, insurance, permits, licenses; and other work as necessary to prepare for constructing the work.

All submittals shall be submitted no later than two weeks after the contract award.

TRAFFIC CONTROL

Traffic Control shall conform to the provisions of Sections 7-8 and 7-10 of the Standard Specifications and Special Provisions of this specification, and the contractor shall at its cost prepare and obtain approved traffic control plans, and the implementation thereof.

The CONTRACTOR shall submit an engineered traffic control plan for review and approval for work if performed on arterial streets.

The CONTRACTOR shall provide all traffic controls necessary to provide for the safe and expeditious movement of traffic, motorized and non-motorized (including pedestrian traffic), through the construction zones, as well as those necessary to provide for the safety of the work force performing the construction.

The CONTRACTOR shall provide adequate pedestrian and vehicular traffic controls for the duration of the work in accordance with the Contract Documents including Subsection 7-10 of the SSPWC, the Work Area

Traffic Control Handbook (WATCH), Caltrans' Manual of Traffic Controls for Construction and Maintenance Work Zones (Chapter 5 of the Traffic Manual, hereafter "Manual of Traffic Controls"), and the City of Culver City.

The CONTRACTOR shall include any temporary pavement necessary for the safe and expeditious movement of traffic.

Unless otherwise approved by the City Engineer, **the Contractor shall coordinate access for residents and businesses within the project limits.** Any closure of access or drive approach shall be immediately restored when construction operation requiring the closure is completed. In addition, the Contractor shall comply with the following:

- Where a resident or a business has a drive approach that is at least 22 feet wide, the construction in the area shall be done in halves in order to maintain continuous access.
- Where a resident or business has more than one two-way drive, continuous access to at least one two-way drive approach shall be maintained at all times.
- The Contractor shall construct temporary ramps at excavated areas and utilize other construction methods, such as temporary backfilling areas and laying temporary AC pavement, in order to maintain continuous access in the construction zone.
- For arterial streets, unless otherwise directed by the Engineer, one lane in each direction must be maintained at all times and where possible, a left-turn lane at intersection during construction.

LANE CLOSURE HOURS ALLOWED:

Normal working hours/lane closure hours on arterial streets are from 9:00 a.m. to 3:30 p.m.

SIGNS

All excavations required for the purpose of installing traffic control signs, including construction area signs, shall be performed by hand methods without the use of power equipment, except that power equipment may be used if it is determined there are not utility facilities in the area of the proposed holes. CONTRACTOR shall notify Underground Service Alert - Southern California (USA) at 800/422-4133 at least 2 working days, but no more than 14 calendar days, prior to commencing any excavation for said signposts.

All signage conflicting with required traffic control signage shall be removed or suitably covered. Said signs shall be replaced unless designated for removal or relocation on the Plan.

This item shall include the temporary relocation of existing signs as necessary. Additionally, signs shall be posted directing pedestrians to detour safely around construction work.

PAYMENT

Payment for **BID ITEM NO. 1 – MOBILIZATION/TRAFFIC CONTROL** shall be at the contract lump sum (LS) price and shall include full compensation for all labor, materials, tools, equipment, and incidentals necessary to do all the work thereof including, but not limited to mobilization (including various subcontractors for multiple mobilizations as necessary), traffic control plans, traffic detour and traffic control. Payment on this lump sum bid item shall be made with each progress payment in direct proportion to the amount of the total contract amount earned to date.

BID ITEM NO. 2 – CONSTRUCTION SURVEY, STAKING, RESETTING SURVEY TIES AND MONUMENTS

Construction Survey, Staking, and Reset Survey Ties and Monuments shall include all labor, equipment, materials, incidentals and work necessary to survey the work to conform to the plan lines and limits, provide

grades, establish pavement grades, match existing conditions, and otherwise lay out the work as necessary for construction per the Plans or as directed by the City Engineer or Public Works Inspector.

The contractor shall also inspect for the presence of all survey monuments prior to construction, notify the City Engineer, and reset the location after construction. This work shall be done by and under the supervision of a Licensed Professional Land Surveyor, licensed in the State of California. The scope of survey monument preservation and re-setting will consist of, but not be limited to, performing a field review to determine the total number of survey monuments which would need to be re-set; for those survey monuments or property corner which need to be re-set, check existing ties and set new ties for each point; following construction of the improvements, re-set each monument. Survey markers exist at 9025 Lucerne Ave, 4240 Madison Ave, 4391 Mentone Ave, 4397 Mentone Ave, 3938 Tuller Ave, 11210 Huntley Pl, 11215 Huntley Pl, 5427 Emporia Ave.

PAYMENT

Payment for **BID ITEM NO. 2 – CONSTRUCTION SURVEY, STAKING, RESETTING SURVEY TIES AND MONUMENTS**; shall be at the contract lump sum (LS) price and shall include full compensation for all labor, materials, tools, equipment, and incidentals necessary to do all the work thereof.

BID ITEM NO. 3 – REMOVAL AND REPLACEMENT OF UPLIFTED SIDEWALK AT VARIOUS LOCATIONS PER APPENDIX A; 4" PCC OVER 4" CMB

GENERAL

Removal and disposal of existing sidewalk and other material shall comply with Section 300 of the Standard Specifications and the guidelines described herein. Limits of the construction shall be marked by the City Representative at each site prior to removal. Said removal shall be adequate to replace sidewalk in a manner such that the sidewalk surface will have a straight grade when connecting the existing walk on either side of the walk length to be constructed (which was raised by tree roots). All debris shall be disposed of properly and in accordance with local codes and ordinances. All materials to be removed shall be disposed of outside the right-of-way as specified in subsection 300-2 of SSPWC. Pavements shall be removed to neatly sawed edges as specified in subsection 300-2.9 of SSPWC. Debris shall be removed same-day and not left at job site or in public right of way. Removals of existing PCC improvements shall include any existing base and/or subbase materials to a depth necessary for the placement of CMB under proposed PCC improvements.

Locations, dimensions and depths of PCC sidewalk removals per Exhibit in **Appendix A**.

All materials to be removed shall be disposed of outside the right-of-way as specified in subsection 300-2 of SSPWC. Pavements shall be removed to neatly sawed edges as specified in subsection 300-2.9 of SSPWC. **Removals shall comply with the Special Provisions per Section 401-1, page E-24 & E-25.** Debris shall be removed same-day and not left at job site or in public right of way.

The cost to comply with the City's Construction and Demolition Waste Management Plan shall be included in the unit or lump sum prices for the applicable items of work listed in the Bidder's Proposal and no additional compensation will be allowed.

Failure to comply with any of the provisions of the CCMC may result in forfeiture of the Performance Security Deposit.

EXCAVATION/TREE ROOT TRIMMING

The Contractor shall coordinate with the City Arborist for recommendations related to the health and stability of any trees prior to commencing work, including root trimming, grinding and/or removal. The Contractor shall coordinate a schedule with the City Arborist, Inspector, and Engineer for the City Arborist to review trees prior to commencing work. If the Contractor chooses, the Contractor may provide a certified arborist at no additional cost to the City to review trees and provide a report for the City Engineer to review in lieu

of the City Arborist. The City Engineer must provide approval of the report prior to commencing work on trees and tree roots. All equipment used in tree root trimming must be sterilized, with bleach or another solution approved by the City Arborist, prior to advancing to the next tree.

Bid item consists of removing the existing damaged sidewalks. All exposed roots are to be trimmed to 4" (minimum) below the elevation of the bottom of proposed 4" thick concrete sidewalk. The root removal areas are to have soil replaced with 4" crushed miscellaneous base. All base material shall be clean and compacted in place, at 95% compaction, satisfactory to the City Engineer or his designee. In the event that removal of roots for sidewalk leveling might destabilize any tree(s), a narrower (36 inch minimum width) sidewalk shall be constructed to meander the tree(s) at the direction of City Engineer and City Arborist. After completion of sidewalk work, all areas will be cleaned up; soil elevation adjacent to walks shall be flush with the (straight graded) sidewalk elevation.

IRRIGATION SYSTEM PROTECTION

In areas where irrigation systems exist, they shall be protected in place or removed and replaced if damaged during construction. **This work shall be done on the same day the system is damaged so that no damage is done to any landscaped areas.** Schedule 40 PVC pipe is to be used in like size of system being replaced. This shall be done only where needed for construction of sidewalks. Replace all sprinkler heads with type removed; adjust for yard areas to ensure adequate overspray to adjacent sprinklers. This work shall be completed as part of sidewalk construction and no separate payment will be made for sprinkler repairs related to any construction and no separate payment will be made. In the event an adjacent property owner claims that the irrigation systems were damaged by the contractor during the project, the contractor will be responsible for appeasing and satisfying the property owner at no additional cost to the City.

SIDEWALK CONSTRUCTION

New sidewalk grade shall be flush with existing sidewalk on either side of the areas to be removed and replaced. All sidewalks shall be constructed to drain so that no low spots are constructed where puddling or ponding might occur. Cross slopes shall match existing sidewalks that are to remain on either side of the reconstructed areas.

The sidewalks shall be constructed in accordance with Section 200-2.4 and Section 303 of the Standard Specifications, and as shown in APWA Standard Plans. Sidewalks shall be 4" thick over 4" crushed miscellaneous base (CMB). Construction of this item shall be coordinated with all other construction activities. For the existing structures to be removed, all edges shall be saw-cut. All fresh P.C.C. surfaces shall be protected from weather and from graffiti. Any damaged P.C.C. surfaces shall be repaired or at no additional cost to the City.

Concrete shall be Class 520-C-2500

To minimize inconvenience to traffic and the public in general, the Contractor shall schedule the concrete placement to be completed **no later than three (3) working days after the removal operations.** Safe and adequate pedestrian and vehicular movement at and around all construction sites shall be provided and maintained at all times. Approved barriers and signs (traffic flagging personnel, if necessary), shall be furnished and utilized by the Contractor. All work mentioned above shall be included in the unit price for this bid items.

PAYMENT

Payment for **BID ITEM NO. 3 – REMOVAL AND REPLACEMENT OF UPLIFTED SIDEWALK AT VARIOUS LOCATIONS PER APPENDIX A; 4" PCC OVER 4" CMB**; shall be per square foot (SF) of concrete placed and shall include full compensation for all labor, materials, tools equipment, transportation and incidentals necessary to do all the work involved thereof, complete, in place, and accepted.

BID ITEM NO. 4 – REMOVAL AND REPLACEMENT OF DRIVEWAY APPROACH AT VARIOUS LOCATIONS PER EXHIBIT IN APPENDIX A; 4" PCC OVER 6" CMB**GENERAL**

Removal and disposal of existing driveway and other material shall comply with Section 300 of the Standard Specifications and the guidelines described herein. Limits of the construction shall be marked and verified by the City Representative at each site prior to removal. Said removal shall be adequate to replace driveway in a manner such that the driveway surface will have a straight grade when connecting the existing improvements on either side of the driveway to be constructed. All debris shall be disposed of properly and in accordance with local codes and ordinances. All materials to be removed shall be disposed of outside the right-of-way as specified in subsection 300-2 of SSPWC. Pavements shall be removed to neatly sawed edges as specified in subsection 300-2.9 of SSPWC. Debris shall be removed same-day and not left at job site or in public right of way. Removals of existing PCC improvements shall include any existing base and/or subbase materials to a depth necessary for the placement of CMB under proposed PCC improvements.

Locations, dimensions and depths of PCC driveway removals per Exhibit in **Appendix A**.

All materials to be removed shall be disposed of outside the right-of-way as specified in subsection 300-2 of SSPWC. Pavements shall be removed to neatly sawed edges as specified in subsection 300-2.9 of SSPWC. **Removals shall comply with the Special Provisions per Section 401-1, page E-24 & E-25.** Debris shall be removed same-day and not left at job site or in public right of way.

The cost to comply with the City's Construction and Demolition Waste Management Plan shall be included in the unit or lump sum prices for the applicable items of work listed in the Bidder's Proposal and no additional compensation will be allowed.

DRIVEWAY APPROACH CONSTRUCTION

The driveway approach shall be constructed in accordance with Section 200-2.4 and Section 303 of the Standard Specifications, and as shown in APWA Standard Plans. Driveway approach shall be 8" thick P.C.C. over 6" crushed miscellaneous base (CMB). Construction of this item shall be coordinated with all other construction activities. For the existing structures to be removed, all edges shall be saw-cut. All fresh P.C.C. surfaces shall be protected from weather and from graffiti. Any damaged P.C.C. surfaces shall be repaired or at no additional cost to the City.

Concrete shall be Class 560-C-3250.

To minimize inconvenience to traffic and the public in general, the Contractor shall schedule the concrete placement to be completed **no later than three (3) working days after the removal operations**. Safe and adequate pedestrian and vehicular movement at and around all construction sites shall be provided and maintained at all times. Approved barriers and signs (traffic flagging personnel, if necessary), shall be furnished and utilized by the Contractor. All work mentioned above shall be included in the unit price for this bid items.

Ting Fiber utility is located throughout the City approximately 6" to 12" deep. Contractor shall protect this utility in place. In the event the conduit or fiber line is damaged by the Contractor, the Contractor shall bear all costs for the repair or replacement of the utility. The contractor shall meet with the City's representative in the field to verify the designated area of AC slotcut to be excavated and reconstructed as shown on the plans. Asphalt concrete pavement shall conform to the provisions of Section 203 and 302 of the Standard Specifications, and shall be constructed to the limits to match existing adjacent surface. The excavated area shall be properly prepared per provisions of Section 302-5 of SSPWC for the construction of the AC pavement. Upon excavation and removal, the top layer 6 inches of subgrade soil shall be compacted to 95% of maximum density prior to placing CMB or paving. Asphalt Concrete shall be Type C2 PG-64-40 mix. The allowable placement of AC at 4" maximum per lift. Contractor to furnish and place 6" AC deep lift slot pave over compacted CMB, as specified on Exhibits in Appendix B.

PAYMENT

Payment for **BID ITEM NO. 4 – REMOVAL AND REPLACEMENT OF DRIVEWAY APPROACH AT VARIOUS LOCATIONS PER EXHIBIT IN APPENDIX A; 4” PCC OVER 6” CMB**; shall be per square foot (SF) and shall include full compensation for all labor, materials, tools equipment, transportation and incidentals necessary to do all the work involved thereof, complete, in place, and accepted.

BID ITEM NO. 5 –REMOVE AND REPLACE PCC CURB & GUTTER PER SPPWC STD NO. 120-3 AT VARIOUS LOCATIONS

This contract bid item shall comply with Section 300- 2 “Unclassified Excavation” and Section 401 “Removal” of the Standard Specifications and these Special Provisions for demolition, roadway excavation and removal. Contractor to determine quantities of excavation and removals per information on plans and cross sections as shown in Appendix A.

All materials to be removed shall be disposed of outside the right-of-way as specified in subsection 300-2 of SSPWC. Pavements shall be removed to neatly sawed edges as specified in subsection 300-2.9 of SSPWC. **Removals shall comply with the Special Provisions per Section 401-1, page E-24 & E-25.** Debris shall be removed same-day and not left at job site or in public right of way.

The contractor shall meet with the City’s representative in the field to verify the designated limits of curb and gutter to be removed and reconstructed as shown on the plans. Said removal shall be adequate to construct proposed improvements in a manner such that the finished surface will have a straight grade when connecting the existing improvements. Removals of existing PCC improvements shall include any existing base and/or subbase materials to a depth necessary for the placement of CMB under proposed PCC improvements. Construction of proposed improvements shall be in a manner such that the finished surface will have a straight grade when connecting to the existing improvements.

Locations, dimensions and depths of PCC curb & gutter removals per Exhibit in **Appendix A**.

PCC concrete pavement shall conform to the provisions of Section 201 and 303 of the Standard Specifications, and shall be constructed to the limits to match existing adjacent surface. Concrete shall be Class 560-C-3250.

Ting Fiber utility is located throughout the City approximately 6” to 12” deep. Contractor shall protect this utility in place. In the event the conduit or fiber line is damaged by the Contractor, the Contractor shall bear all costs for the repair or replacement of the utility. The contractor shall meet with the City’s representative in the field to verify the designated area of AC slotcut to be excavated and reconstructed as shown on the plans. Asphalt concrete pavement shall conform to the provisions of Section 203 and 302 of the Standard Specifications, and shall be constructed to the limits to match existing adjacent surface. The excavated area shall be properly prepared per provisions of Section 302-5 of SSPWC for the construction of the AC pavement. Upon excavation and removal, the top layer 6 inches of subgrade soil shall be compacted to 95% of maximum density prior to placing CMB or paving. Asphalt Concrete shall be Type C2 PG-64-40 mix. The allowable placement of AC at 4” maximum per lift. Contractor to furnish and place 6” AC deeplift slot pave over compacted CMB, as specified on Exhibits in Appendix B.

To minimize inconvenience to traffic and the public in general, the Contractor shall schedule the concrete placement to be completed ***no later than three (3) working days after the removal operations***. Safe and adequate pedestrian and vehicular movement at and around all construction sites shall be provided and maintained at all times. Approved barriers and signs (traffic flagging personnel, if necessary), shall be furnished and utilized by the Contractor. All work mentioned above shall be included in the unit price for this bid items.

Payment for **BID ITEM NO. 5 –REMOVE AND REPLACE PCC CURB & GUTTER PER SPPWC STD NO. 120-3 AT VARIOUS LOCATIONS** shall be at the contract bid item price per linear foot (LF) price and shall

include full compensation for all labor, materials, tools, equipment, transportation, and incidentals necessary to do all the work involved thereof complete, in place and accepted.

BID ITEM NO. 6 – REMOVE AND RECONSTRUCT MODIFIED PCC CURB RAMP OVER 6” PER EXHIBIT B

Scope under this bid item includes removal of existing sidewalks and/or curb ramps and construction of new curb ramps as shown in the Exhibit in Appendix B. Scope includes:

- Removal of existing PCC improvements.
- Construction of PCC curb ramp per APWA Greenbook Standard
- Ramp shall be 4 inches PCC over 6 inches of crushed miscellaneous base (CMB).
- Concrete shall be Class 520-C-2500.
- Procurement and installation of detectable truncated domes

The work shall include formwork, concrete material, curing, protection testing, adjustment to match existing improvements. Refer to **APPENDIX B** for location.

Removal and disposal shall be according to the requirements as described in Section E, Special Provisions. The cost to comply with the City’s Construction and Demolition Waste Management Plan shall be included in the unit or lump sum prices for the applicable items of work listed in the Bidder’s Proposal and no additional compensation will be allowed.

Failure to comply with any of the provisions of the CCMC may result in forfeiture of the Performance Security Deposit.

The contractor shall meet with the City’s representative in the field to verify the designated area of AC slotcut to be excavated and reconstructed as shown on the plans. Asphalt concrete pavement shall conform to the provisions of Section 203 and 302 of the Standard Specifications, and shall be constructed to the limits to match existing adjacent surface. The excavated area shall be properly prepared per provisions of Section 302-5 of SSPWC for the construction of the AC pavement. Upon excavation and removal, the top layer 6 inches of subgrade soil shall be compacted to 95% of maximum density prior to placing CMB or paving. Asphalt Concrete shall be Type C2 PG-64-40 mix. The allowable placement of AC at 4” maximum per lift. Contractor to furnish and place 6” AC deeplift slot pave over compacted CMB, as specified on Exhibits in Appendix B.

PAYMENT

Payment for **BID ITEM NO. 6 – REMOVE AND RECONSTRUCT MODIFIED PCC CURB RAMP OVER 6” PER EXHIBIT B**; shall be per each (EA) and shall include full compensation for all labor, formwork, traffic control, materials, tools equipment, transportation, and incidentals necessary to do all the work involved thereof, complete, in place, and accepted.

BID ITEM NO. 7 – REMOVE AND RECONSTRUCT PCC CROSS GUTTER AND SPANDREL OVER 6” CMB PER EXHIBIT IN APPENDIX B

This bid item includes the construction of PCC cross gutter and spandrel as depicted on the Exhibit in **Appendix B**. The gutter and spandrel shall be constructed in accordance with Section 200-2.4 and Section 303 of the Standard Specifications, and as shown in 2021 APWA Standard Plan 122-3 and details in Appendix C. The cross gutter and spandrel shall be 8” PCC over 6” crushed miscellaneous base (CMB). The PCC edge of cross gutter and spandrel shall match grade with adjacent pavement at all edges of cross gutter and spandrel. All fresh P.C.C. surfaces shall be protected from weather and from graffiti. Any damaged P.C.C. surfaces shall be repaired at no additional cost to the City. Concrete shall be Class 560-C-4000. Steel plates shall be in place to protect PCC until cross gutter and spandrel have reached design strength.

Ting Fiber utility is located throughout the City approximately 6" to 12" deep. Contractor shall protect this utility in place. In the event the conduit or fiber line is damaged by the Contractor, the Contractor shall bear all costs for the repair or replacement of the utility. The contractor shall meet with the City's representative in the field to verify the designated area of AC slotcut to be excavated and reconstructed as shown on the plans. Asphalt concrete pavement shall conform to the provisions of Section 203 and 302 of the Standard Specifications, and shall be constructed to the limits to match existing adjacent surface. The excavated area shall be properly prepared per provisions of Section 302-5 of SSPWC for the construction of the AC pavement. Upon excavation and removal, the top layer 6 inches of subgrade soil shall be compacted to 95% of maximum density prior to placing CMB or paving. Asphalt Concrete shall be Type C2 PG-64-40 mix. The allowable placement of AC at 4" maximum per lift. Contractor to furnish and place 6" AC deeplift slot pave over compacted CMB, as specified on Exhibits in Appendix B.

Dowel into existing gutter with 2 #4 bars (24" long) 12" into existing cross gutter at equal spacing.

PAYMENT

Payment for **BID ITEM NO. 7 – REMOVE AND RECONSTRUCT PCC CROSS GUTTER AND SPANDREL OVER 6" CMB PER EXHIBIT IN APPENDIX B**; shall be per square footage (SF) and shall include full compensation for all labor, materials, tools equipment, transportation and incidentals necessary to do all the work involved thereof, complete, in place, and accepted.

BID ITEM NO. 8 – REMOVE EXISTING TREE

Scope under this bid item includes removal of existing trees during construction. City Arborist, or licensed arborist chosen by contractor and approved by the City, reviews tree roots to determine tree health and viability after sidewalk removals have been complete. Therefore, tree locations may not always be known prior to sidewalk removal activities, and tree quantity is to be determined. This bid item is to estimate the removal of trees 18" to 48" in diameter. The exact tree size, location and species will be known during construction. Trees shall be removed and stumps shall be grinded 36" below proposed finished grade.

Removals shall comply with the Special Provisions per Section 401-1, page E-24 & E-25. Debris shall be removed same-day and not left at job site or in public right of way.

PAYMENT

Payment for **BID ITEM NO. 8 – REMOVE EXISTING TREE**; shall be per unit quantity (EA) and shall include full compensation for all labor, formwork, traffic control, materials, tools equipment, transportation, and incidentals necessary to do all the work involved thereof, complete, in place, and accepted.

=====
-End of Section F-

APPENDIX A

Sidewalk, Curb Ramp, and Driveway Approach Exhibit

NOT FOR BID

#	Location	Sidewalk Removal & Replacement			Curb LF	DWY SF
		Width (FT)	Length (FT)	SF		
1	3318 Helms Ave	4	44	176		63
2	9025 Lucerne Ave	4	64	256		
3	4137 Duquesne Ave	4	45	180		
4	4017 Lincoln Ave	5	27	135		
5	4023 Lincoln Ave	5	23	115		
6	4077 Lincoln Ave	5	10	50		
7	9929 Braddock Dr	4	17	68		
8	9999 Braddock Dr	5	35	175		
9	4125 Madison Ave	5	10	50		
10	4131 Madison Ave	5	5	25		
11	4234 Madison Ave	5	30	150		
12	4240 Madison Ave	5	13	65		
13	4224 Madison Ave	5	13	65		
14	4385 Mentone Ave	4	44	176		91
15	4391 Mentone Ave	4	53	212		91
16	4397 Mentone Ave	4	54	216		91
17	4401 Mentone Ave	4	40	160		
18	10728 Oregon Ave	4	20	80		
19	10731 Oregon Ave	4	32	128		
20	10737 Oregon Ave	4	23	92		
21	10740 Oregon Ave	4	5	20		
22	5175 Jordan Way	5	10	50		
23	3864 Girard Ave	4	30	120		
24	3873 Girard Ave	5	29	145		
25	3872 Huron Ave	5	23	115		
26	3911 Huron Ave	5	9	45		
27	11116 Matteson Ave	4	26	104	10	
28	11051 Matteson Ave	4	33	132		
29	3944 Tuller Ave	4	44	176		
30	3938 Tuller Ave	4	19	76		
31	3934 Tuller Ave	4	39	156		
32	11049 Barman Ave	5	35	175	53	140
33	4178 Center St	4	25	100		
34	4182 Center St	4	5	20		
35	4046 Minerva Ave	4	18	72		
36	4253 Coolidge Ave	4	18	72		
37	4248 Coolidge Ave	4	13	52		
38	4252 Coolidge Ave	4	23	92		
39	11231 Braddock Dr	5	28	140		
40	11224 Braddock Dr	5	12	60		
41	11266 Garfield Ave	4	28	112		
42	11210 Huntley Pl	4	31	124		82
43	11214 Huntley Pl	4	17	68		46
44	11216 Huntley Pl	4	9	36		46

45	11213 Huntley Pl	4	13	52		
46	11215 Huntley Pl	4	31	124		
47	11225 Huntley Pl	4	26	104		
48	11245 Huntley Pl	4	35	140		
49	11115 McDonald St	4	26	104		
50	11131 McDonald St	4	8	32		
51	11207 Culver Park Dr	4	11	44		
52	11219 Patom Dr	4	33	132		45
53	11220 Patom Dr	4	20	80		
54	11225 Patom Dr	4	35	140		126
55	11226 Patom Dr			0		72
56	11231 Patom Dr	4	8	32		42
57	5450 Diller Ave	4	46	184		
58	11453 Patom Dr	4	8	32		
59	11493 Patom Dr	4	38	152		
60	11505 Patom Dr	4	61	244		
61	11219 McDonald St	4	33	132		
62	11266 McDonald St	4	42	168		
63	11273 McDonald St	4	32	128		
64	5140 Purdue Ave	4	35	140		
65	11659 McDonald St	4	60	240	35	273
66	5427 Emporia Ave	4	49	196		
67	6400 Green Valley	5	199	995		
	Total			8431	98	1208

3318 Helms Ave



Remove and replace sidewalk; 4' x 44'; 4" PCC over 4" CMB

Join existing

Remove and replace driveway approach per SPPWC std. 110-2, W=9', Type B

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Contact City
Arborist for root
inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



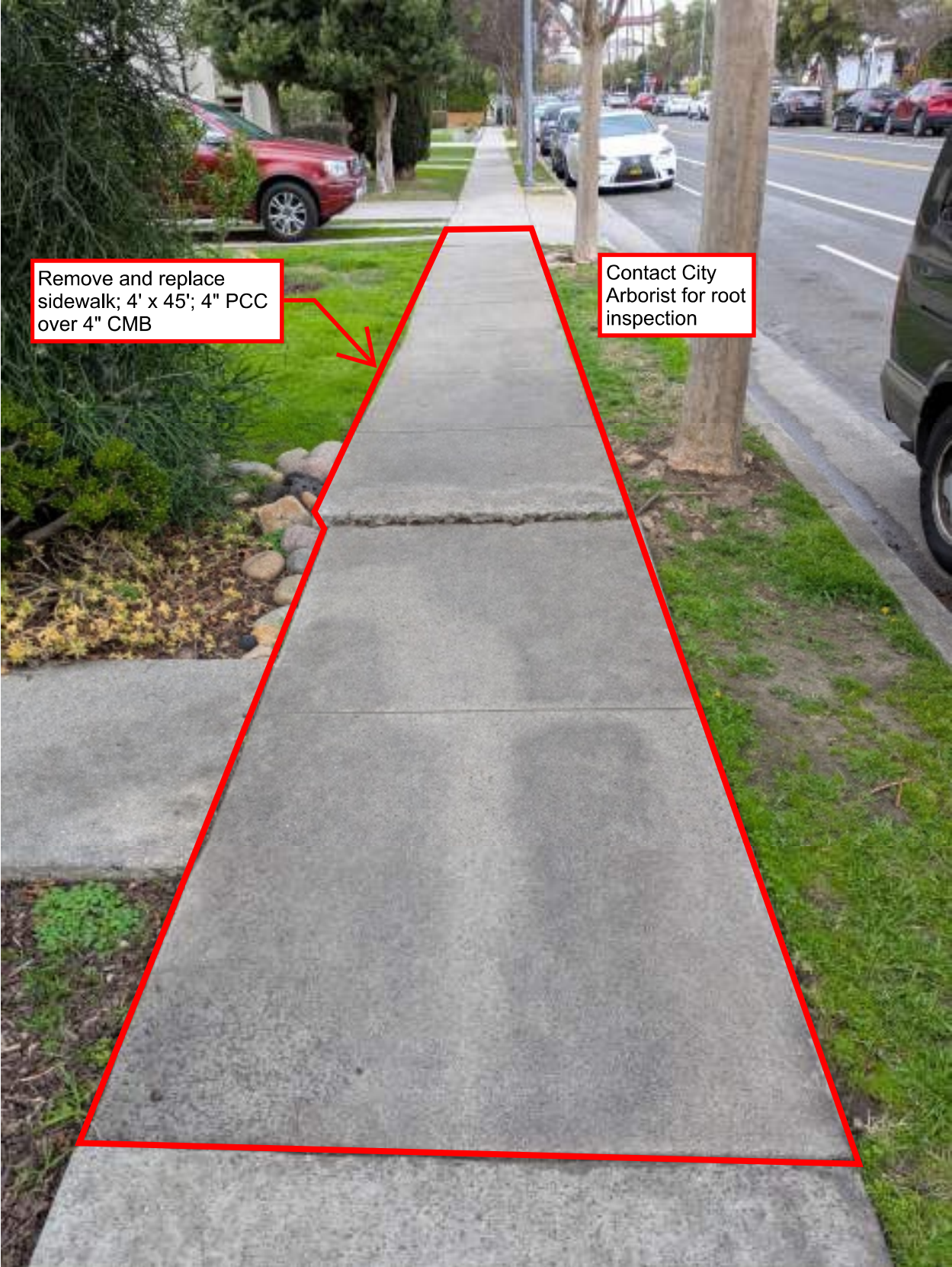
9025 Lucerne Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4137 Duquesne Ave



Remove and replace sidewalk; 4' x 45'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4017 Lincoln Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4023 Lincoln Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4077 Lincoln Ave



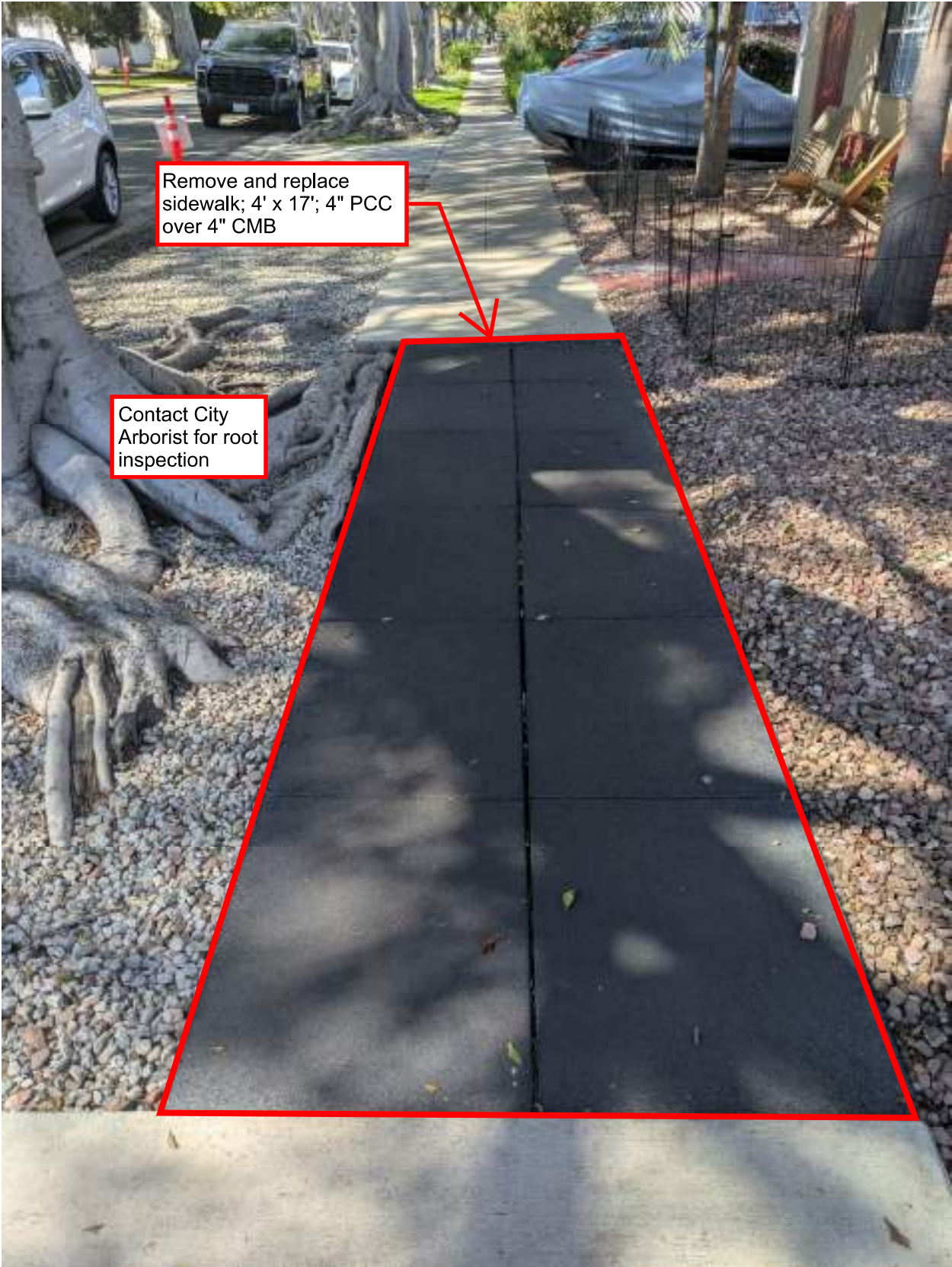
Remove and replace sidewalk; 5' x 10'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



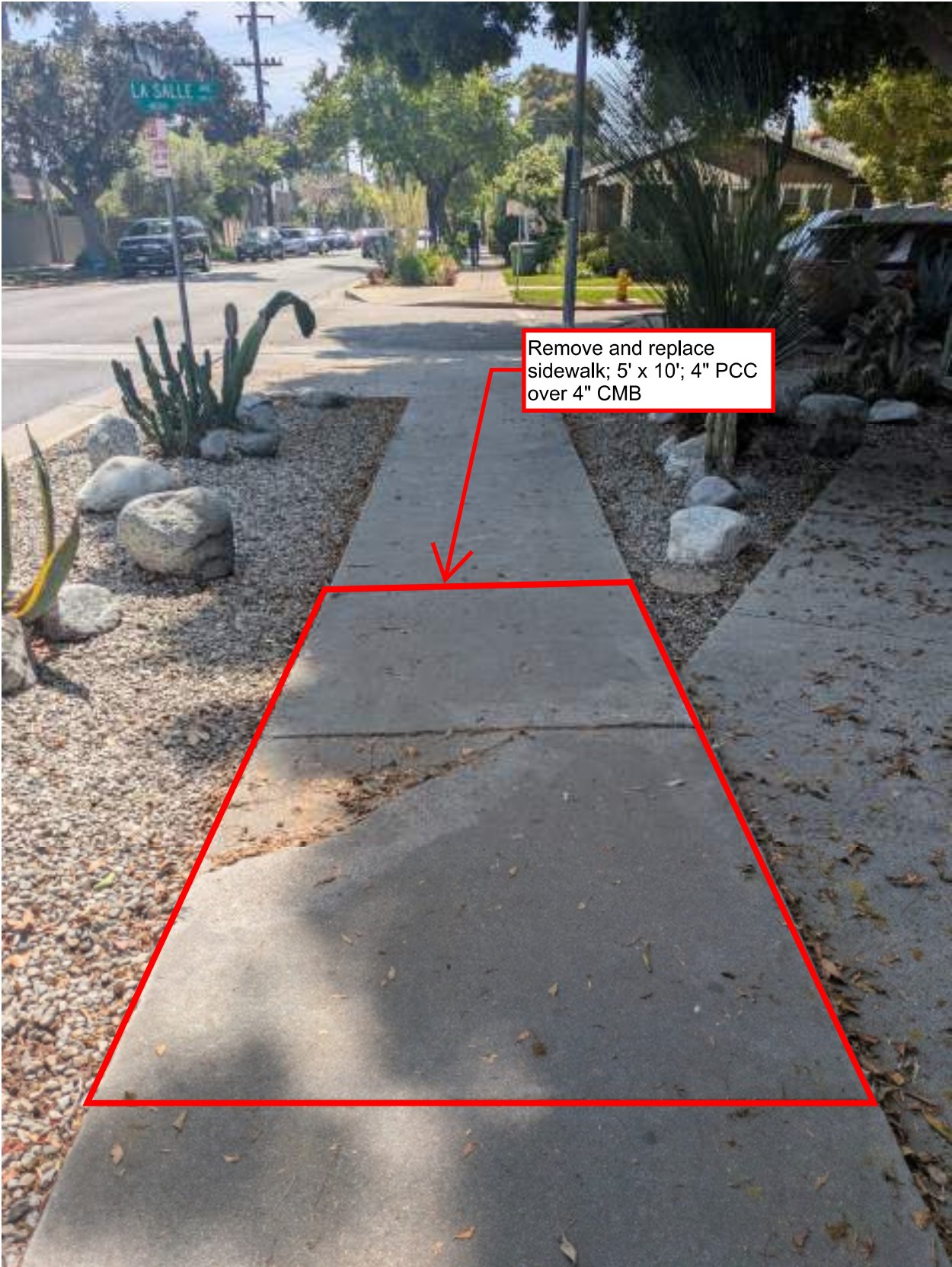
9929 Braddock Dr



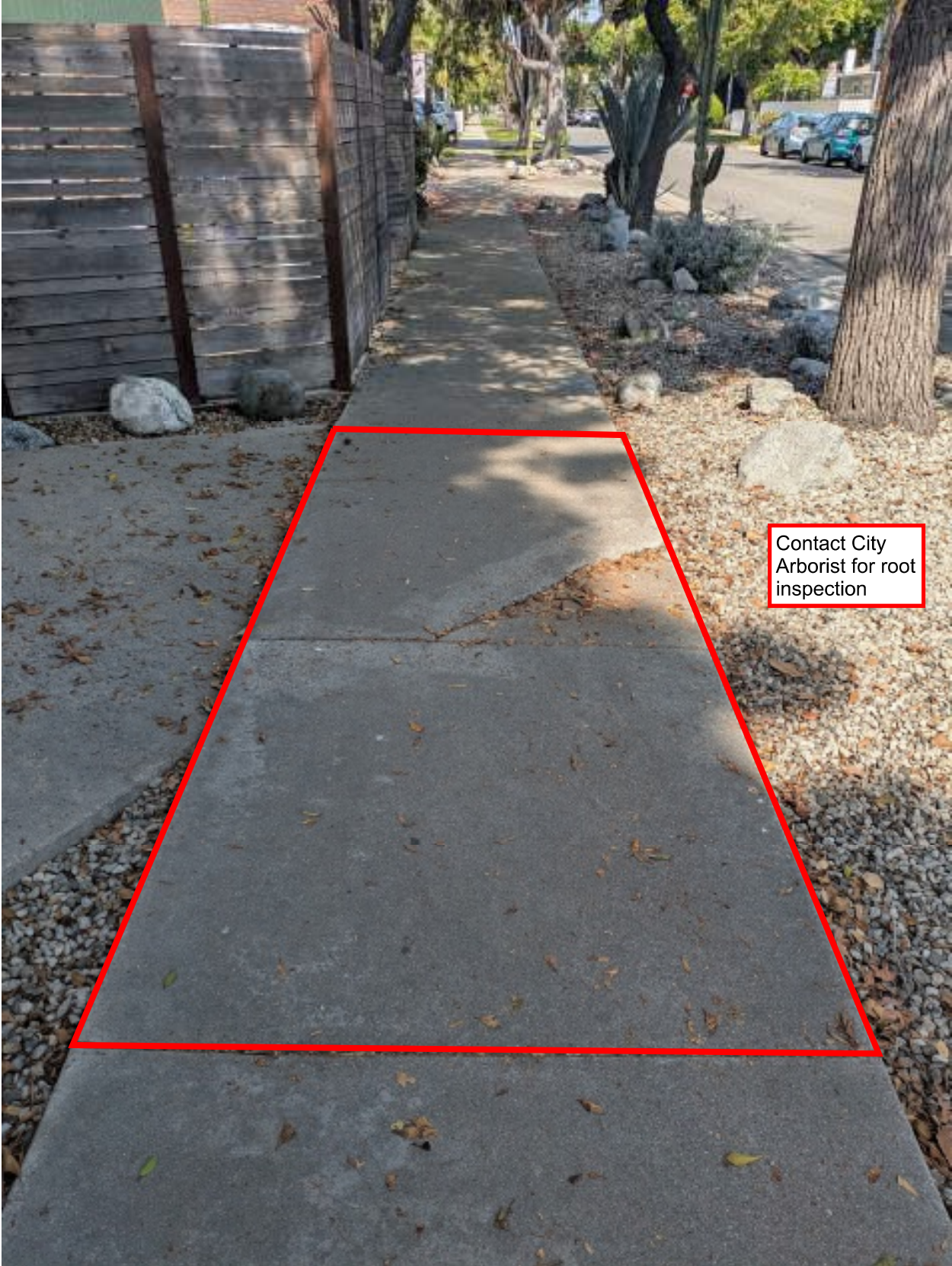
Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



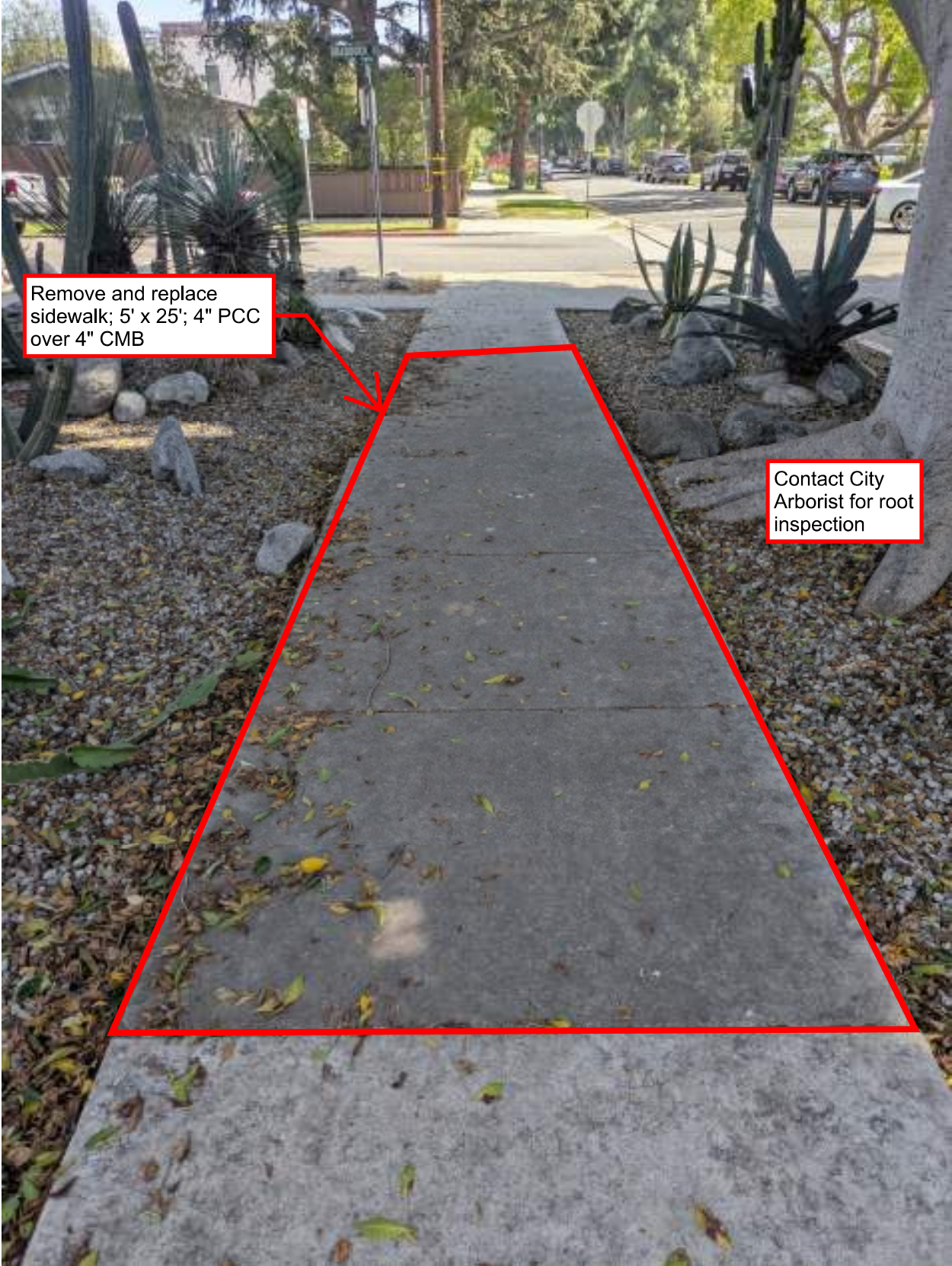
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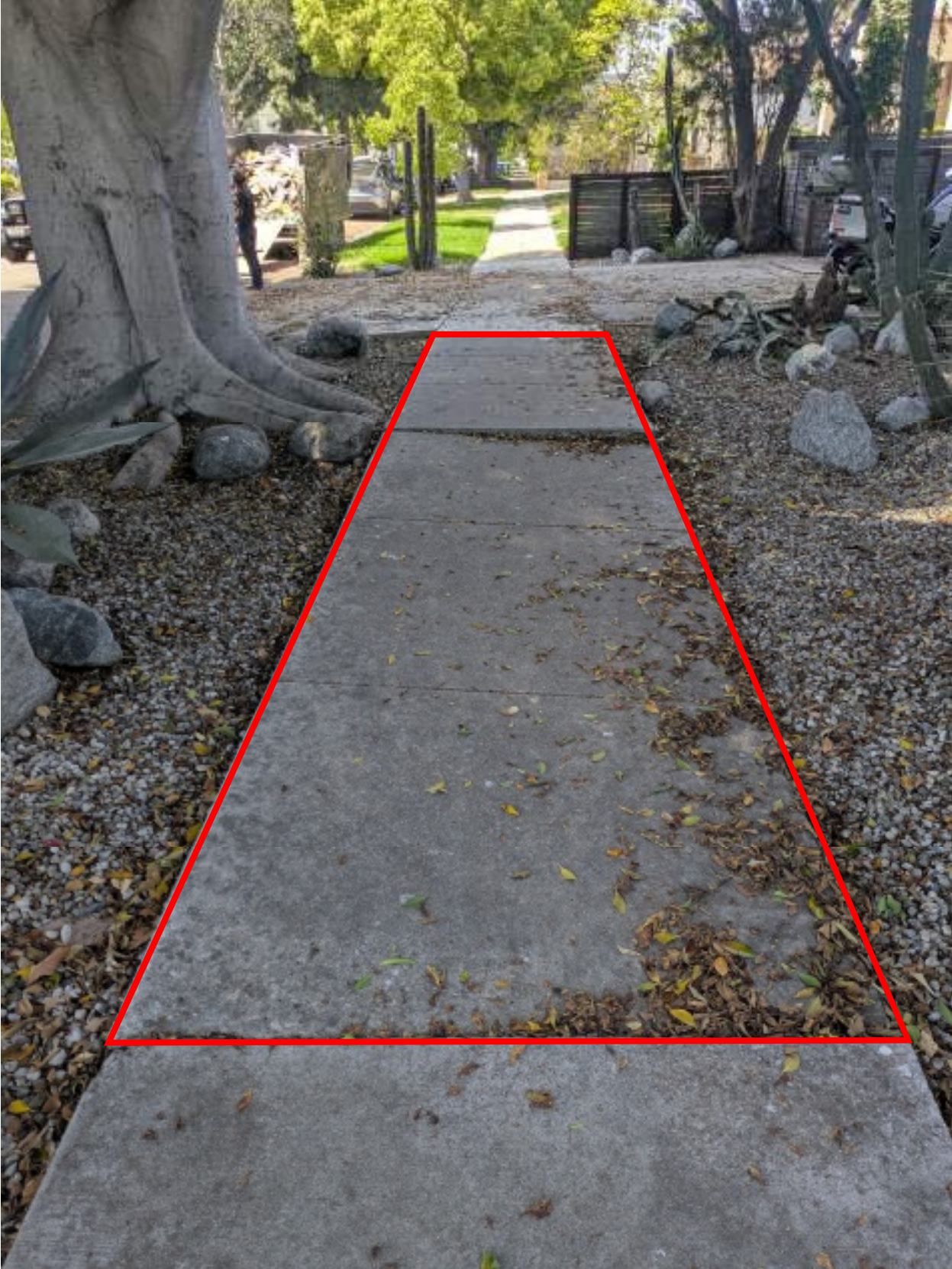
Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4125 Madison Ave



Remove and replace sidewalk; 5' x 10'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4131 Madison Ave

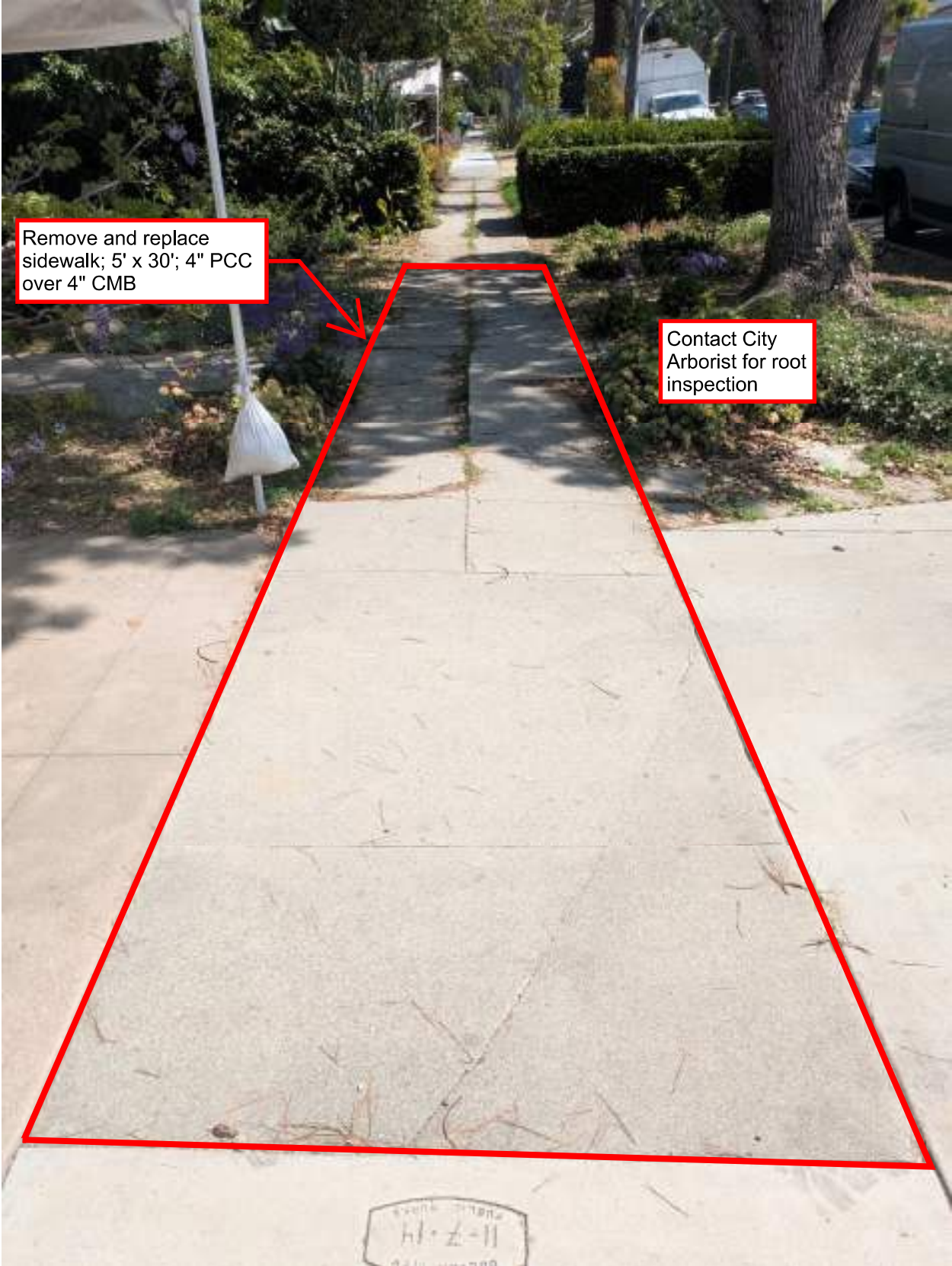


Remove and replace sidewalk; 5' x 5'; 4" PCC over 4" CMB

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4234 Madison Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



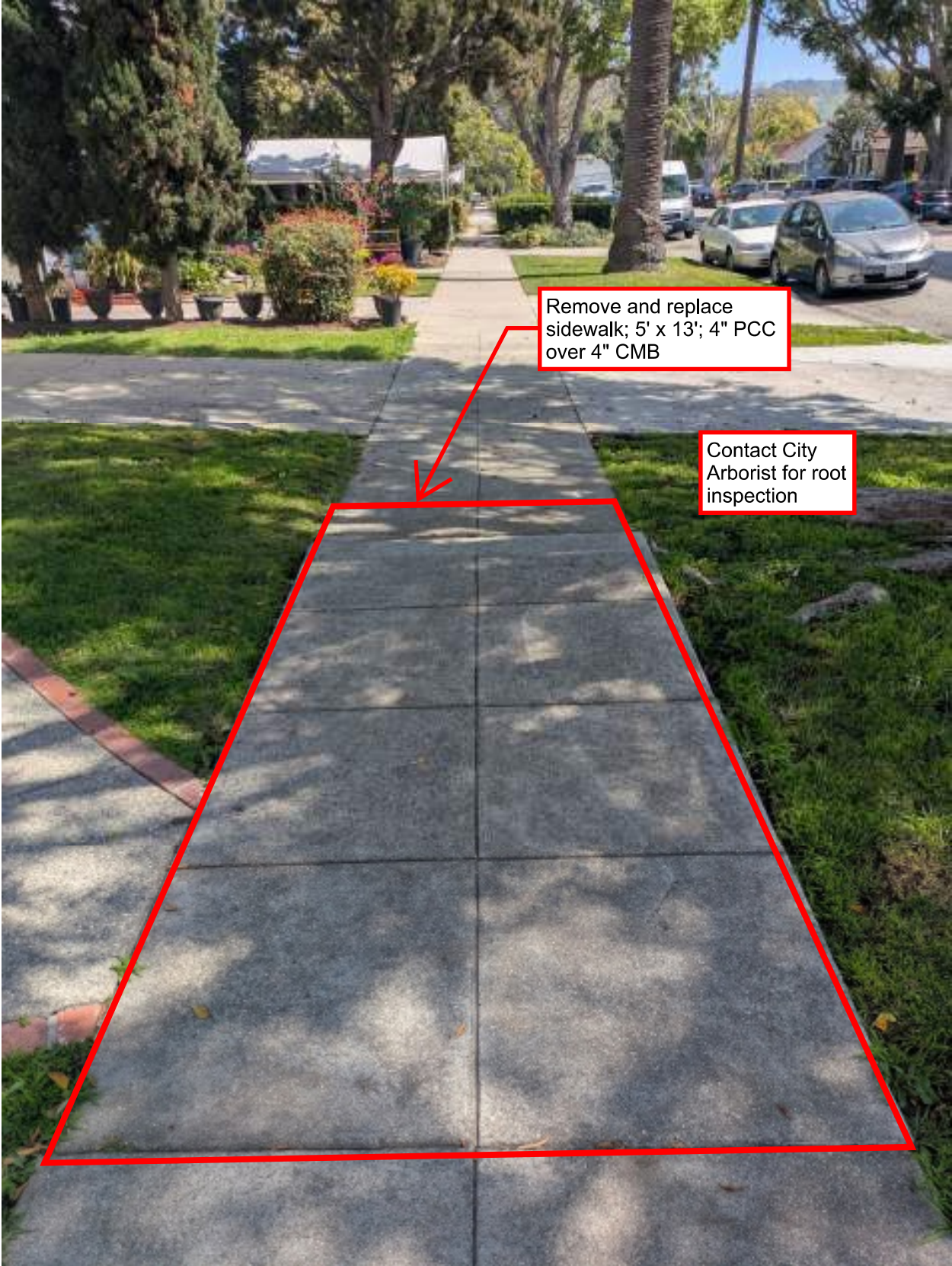
4240 Madison Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4224 Madison Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4385 Mentone Ave



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



4391 Mentone Ave



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



4397 Mentone Ave



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



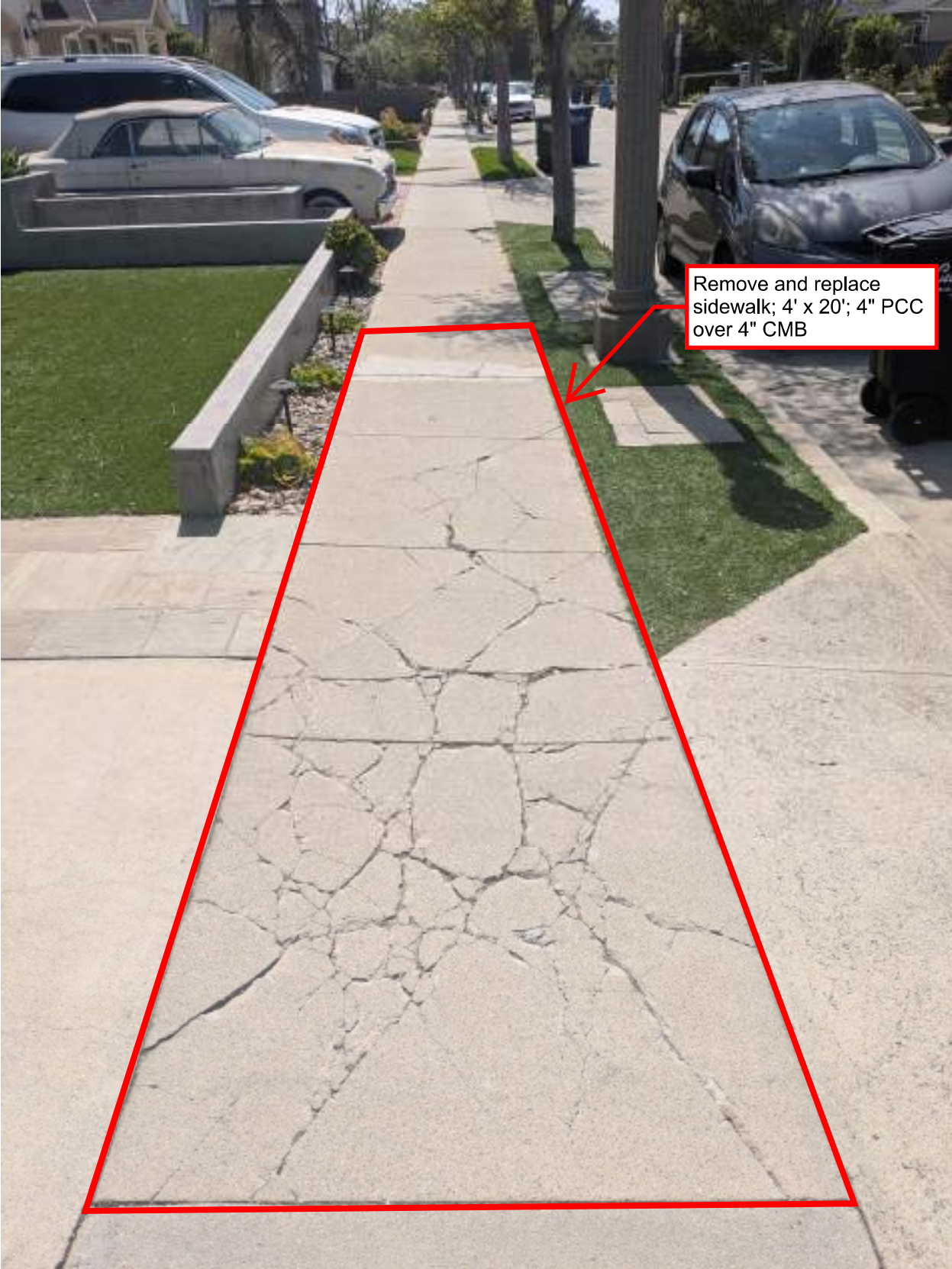
4401 Mentone Ave



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



10728 Oregon Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



10731 Oregon Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



10737 Oregon Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



10740 Oregon Ave



5175 Jordan Way



Remove and replace sidewalk; 5' x 10'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Remove asphalt; protect underlying PCC pavement

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



3864 Girard Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



3873 Girard Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



3872 Huron Ave



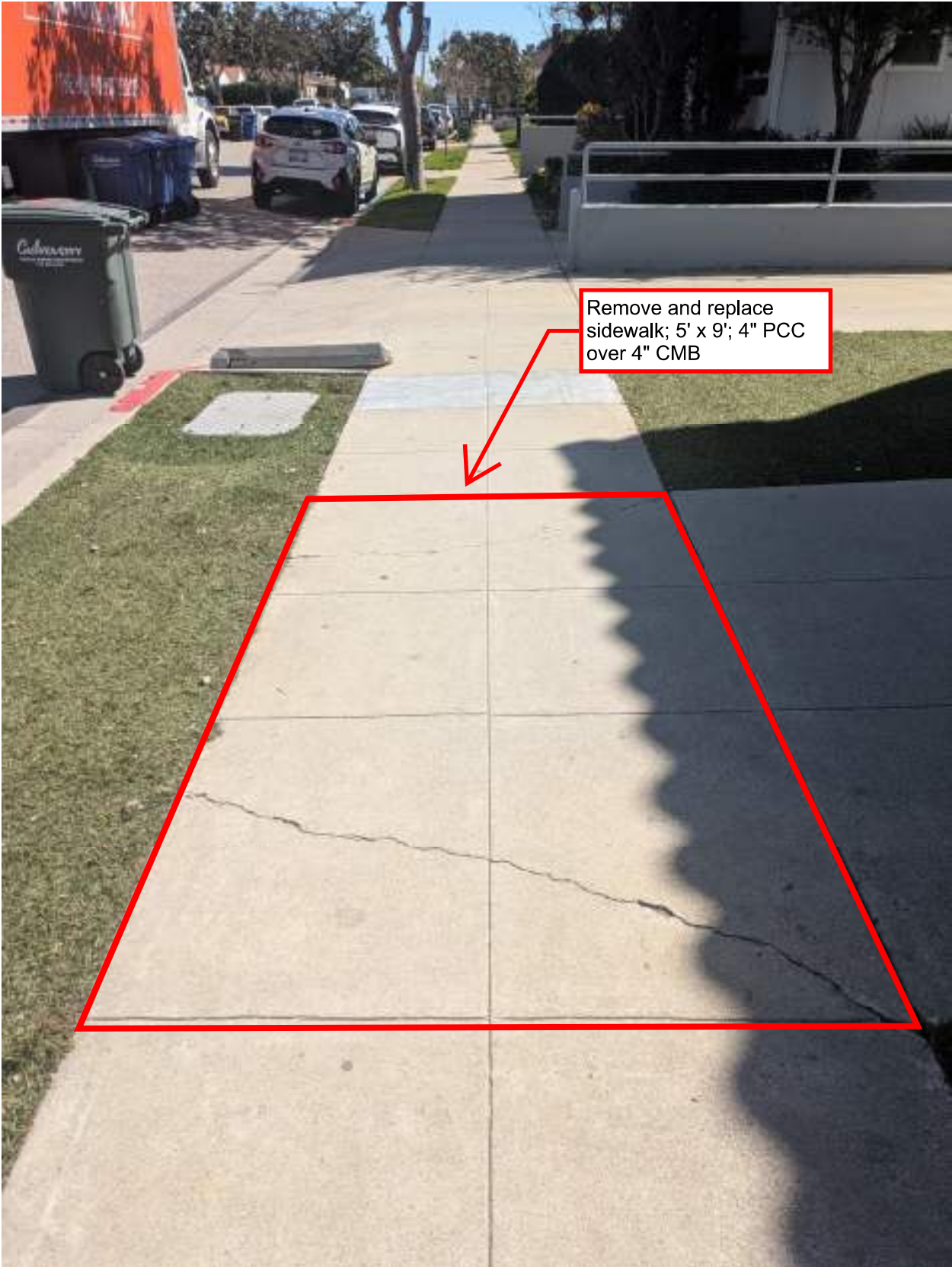
Contact City
Arborist for root
inspection

Remove and replace
sidewalk; 5' x 23'; 4" PCC
over 4" CMB

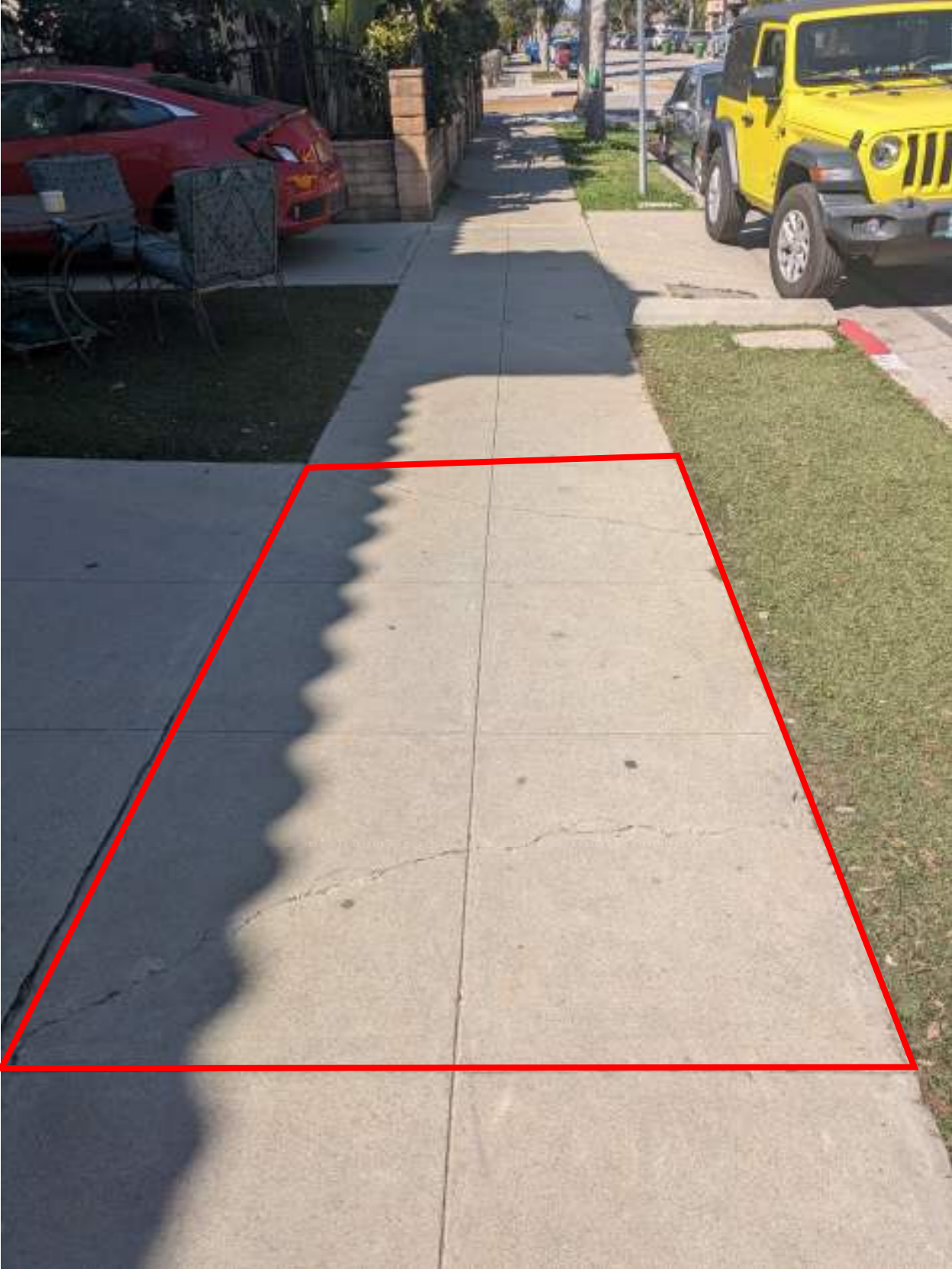
Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



3911 Huron Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11116 Matteson Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit

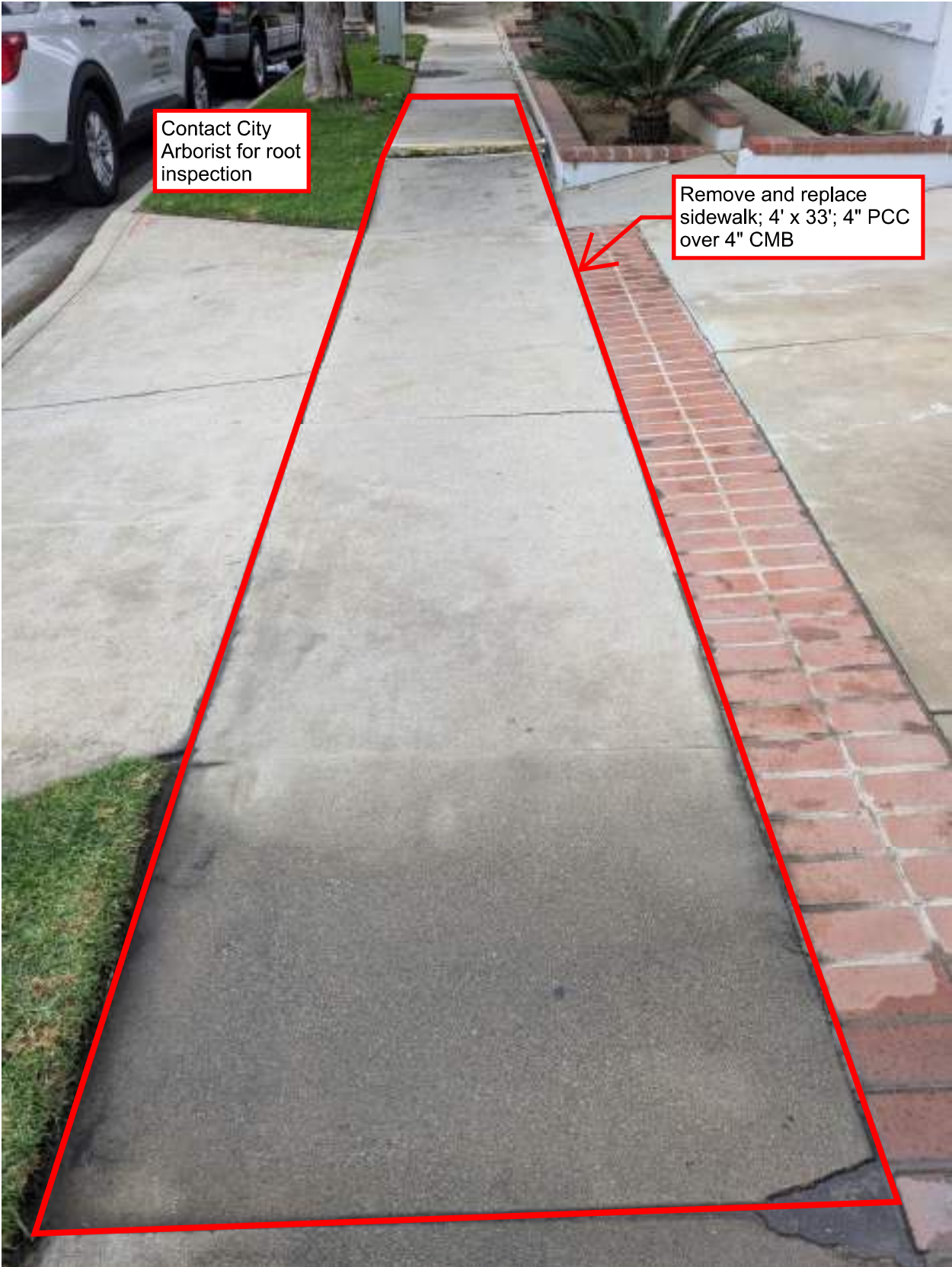


Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Remove and replace curb and gutter per SPPWC Std. 120-3; 10' over 6" CMB

11051 Matteson Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



3944 Tuller Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



3938 Tuller Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



3934 Tuller Ave



Contact City
Arborist for root
inspection

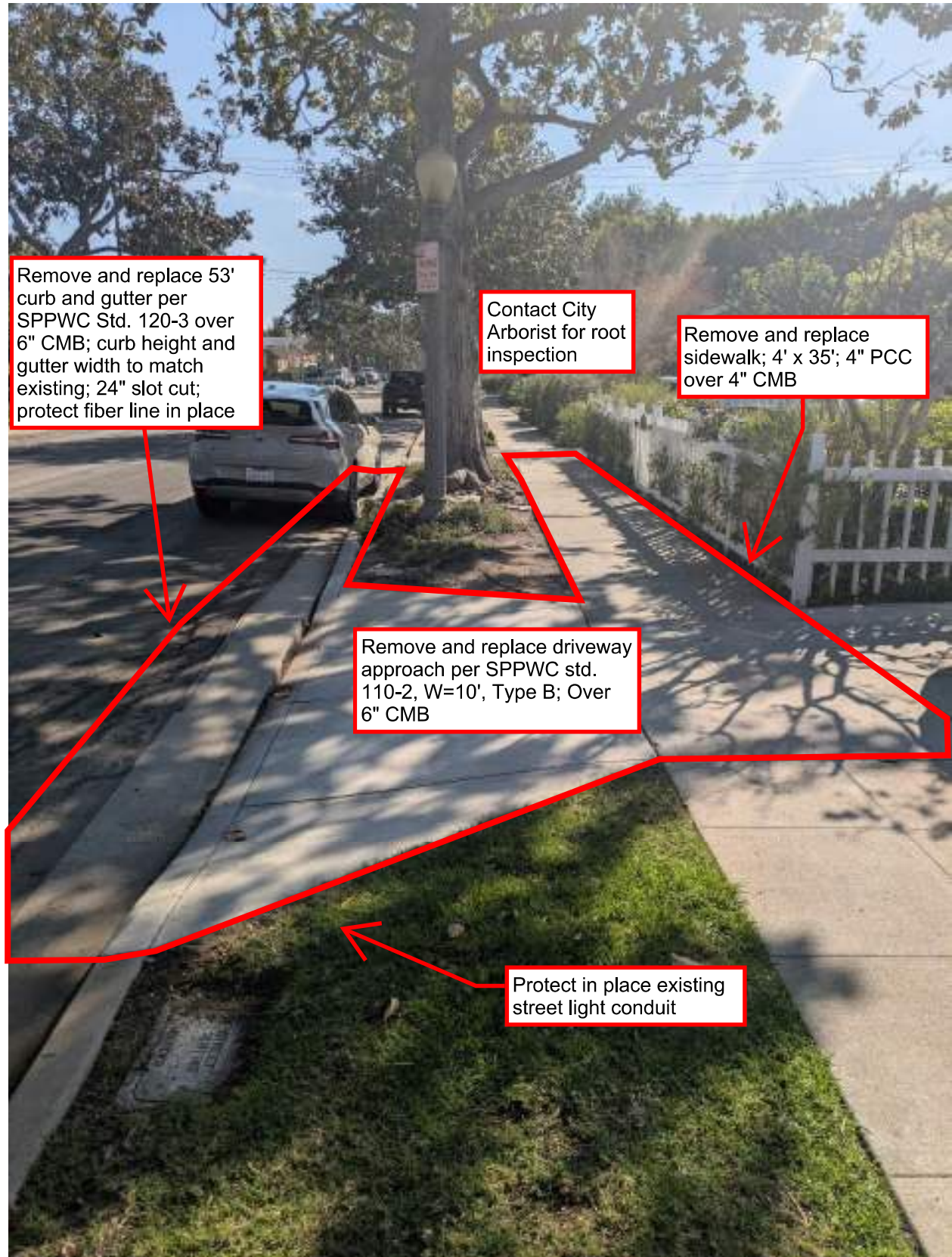
Remove and replace
sidewalk; 4' x 39'; 4" PCC
over 4" CMB

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit

11049 Barman Ave



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



Remove and replace driveway approach per SPPWC std. 110-2, W/2=5', Type B; Over 6" CMB

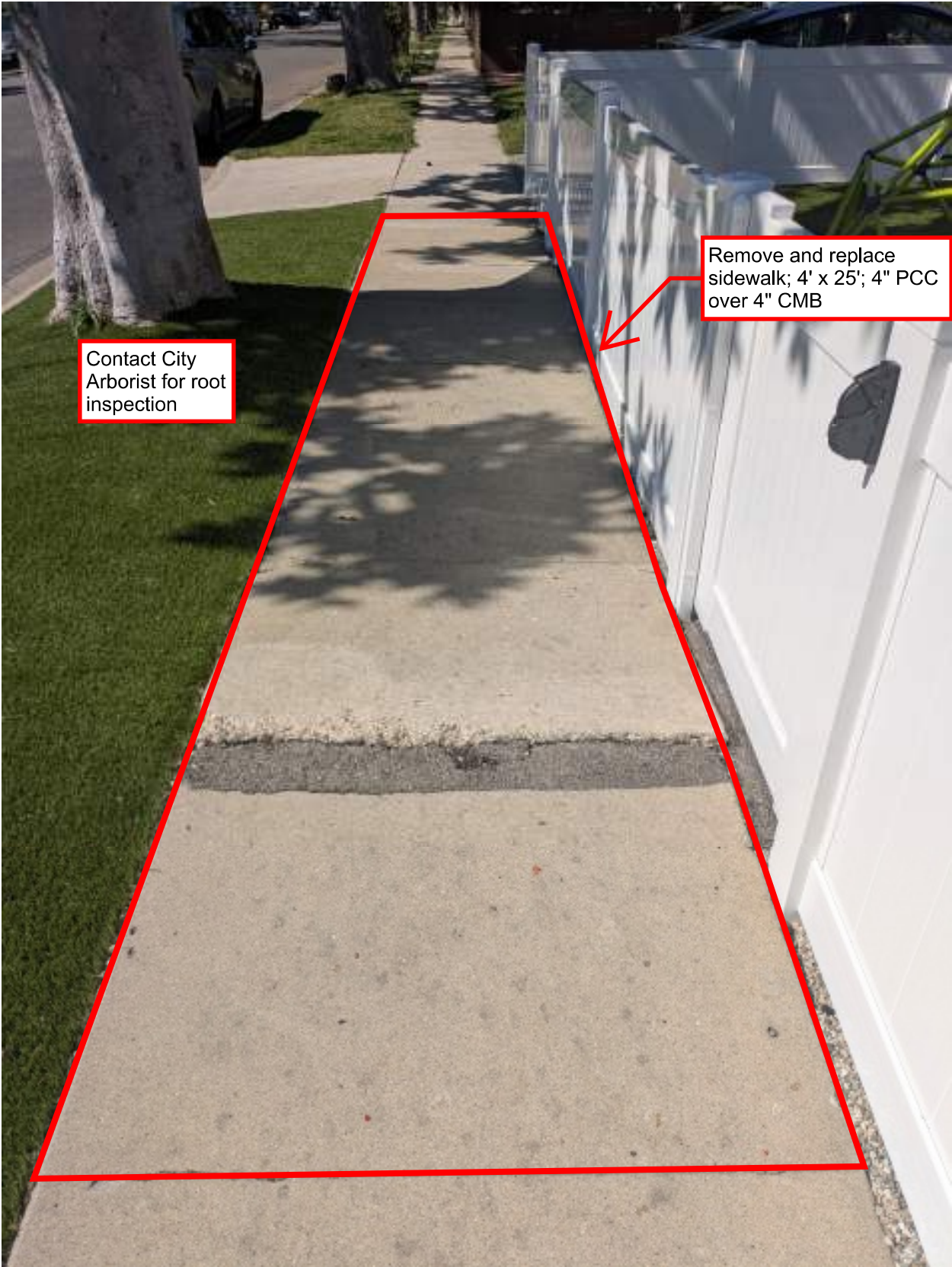
Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



4178 Center St



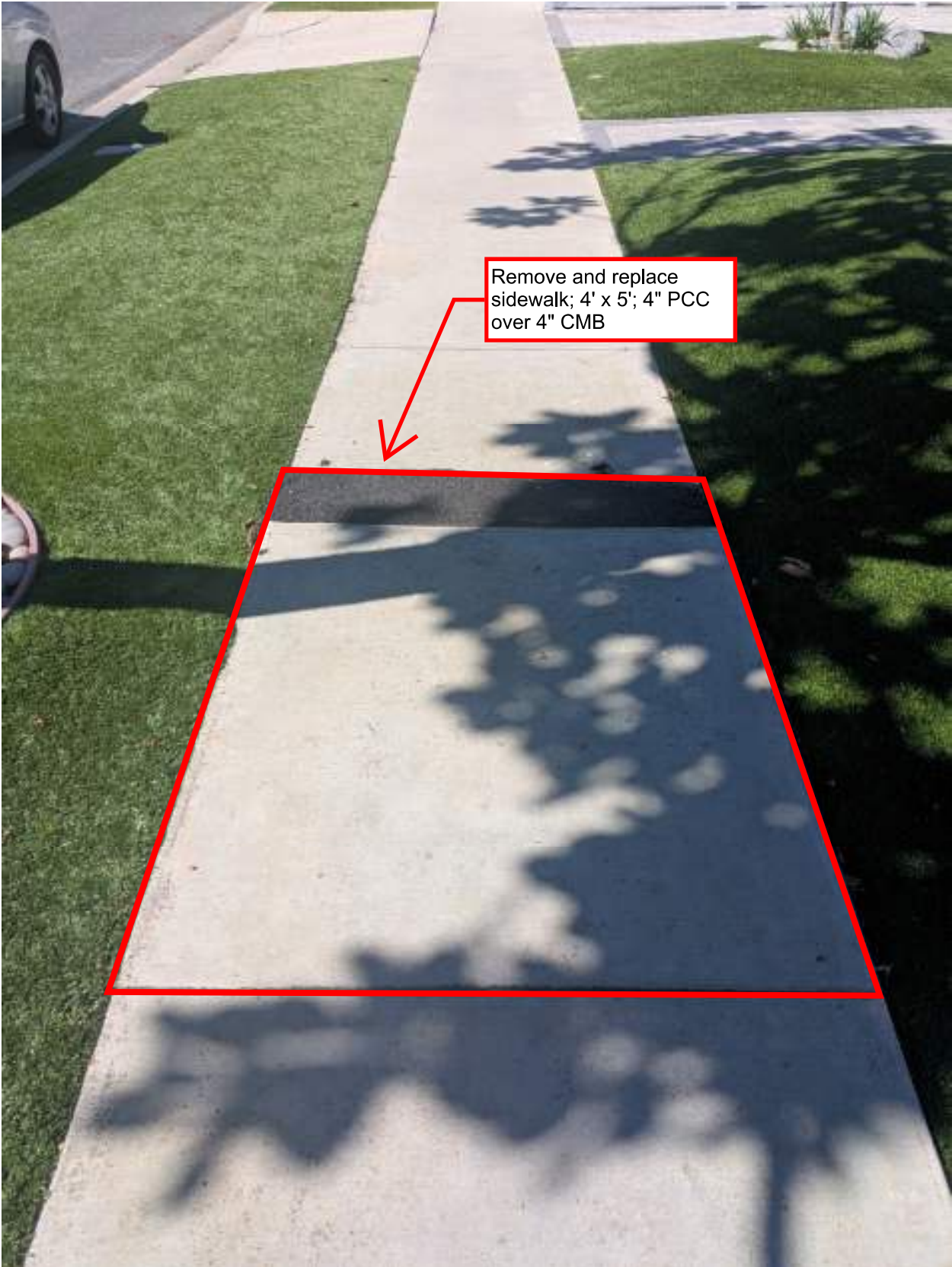
Contact City Arborist for root inspection

Remove and replace sidewalk; 4' x 25'; 4" PCC over 4" CMB

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4182 Center St



4046 Minerva Ave



Remove and replace sidewalk; 4' x 18'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4253 Coolidge Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4248 Coolidge Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



4252 Coolidge Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11231 Braddock Dr

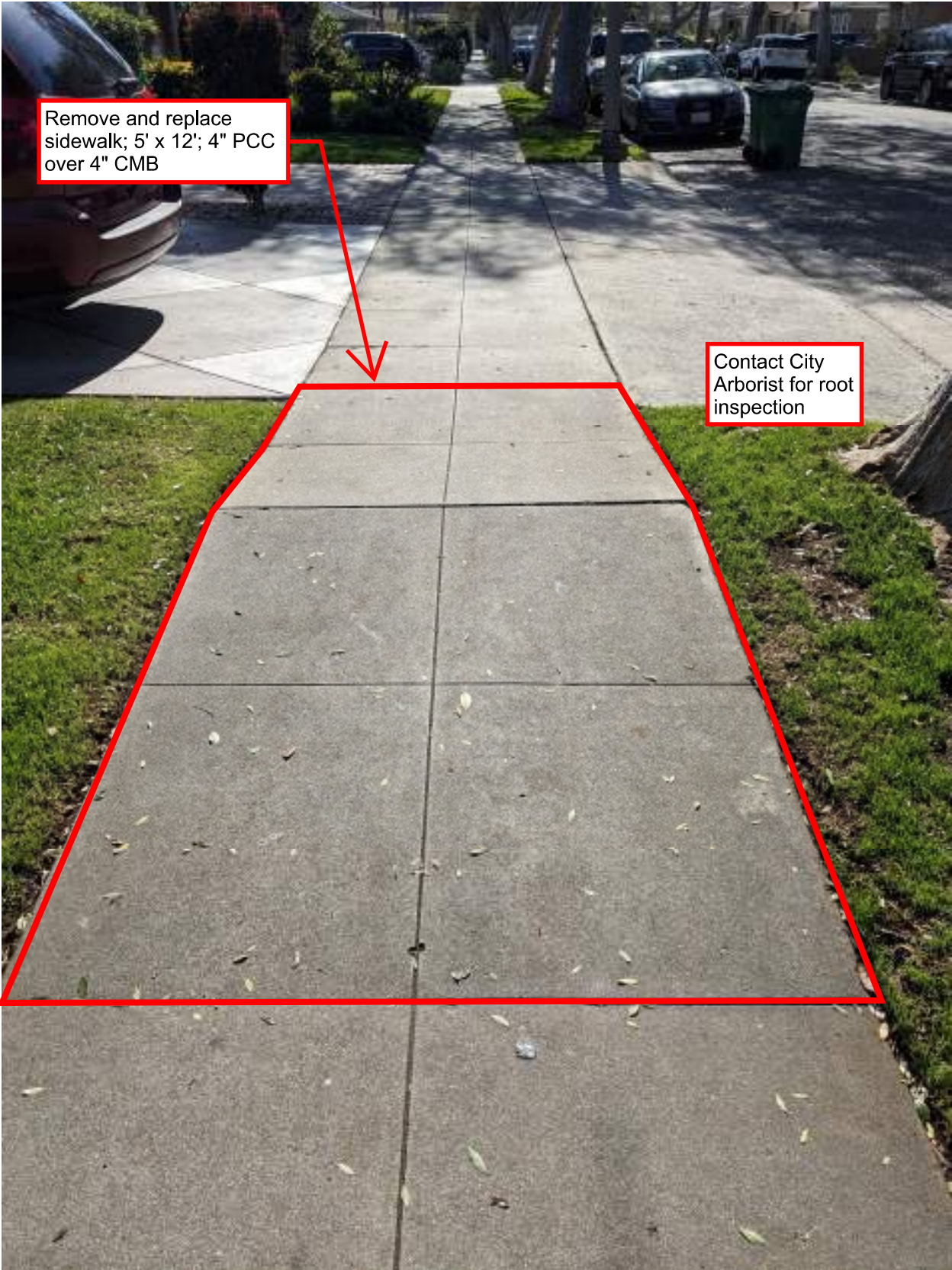


Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit

11224 Braddock Dr



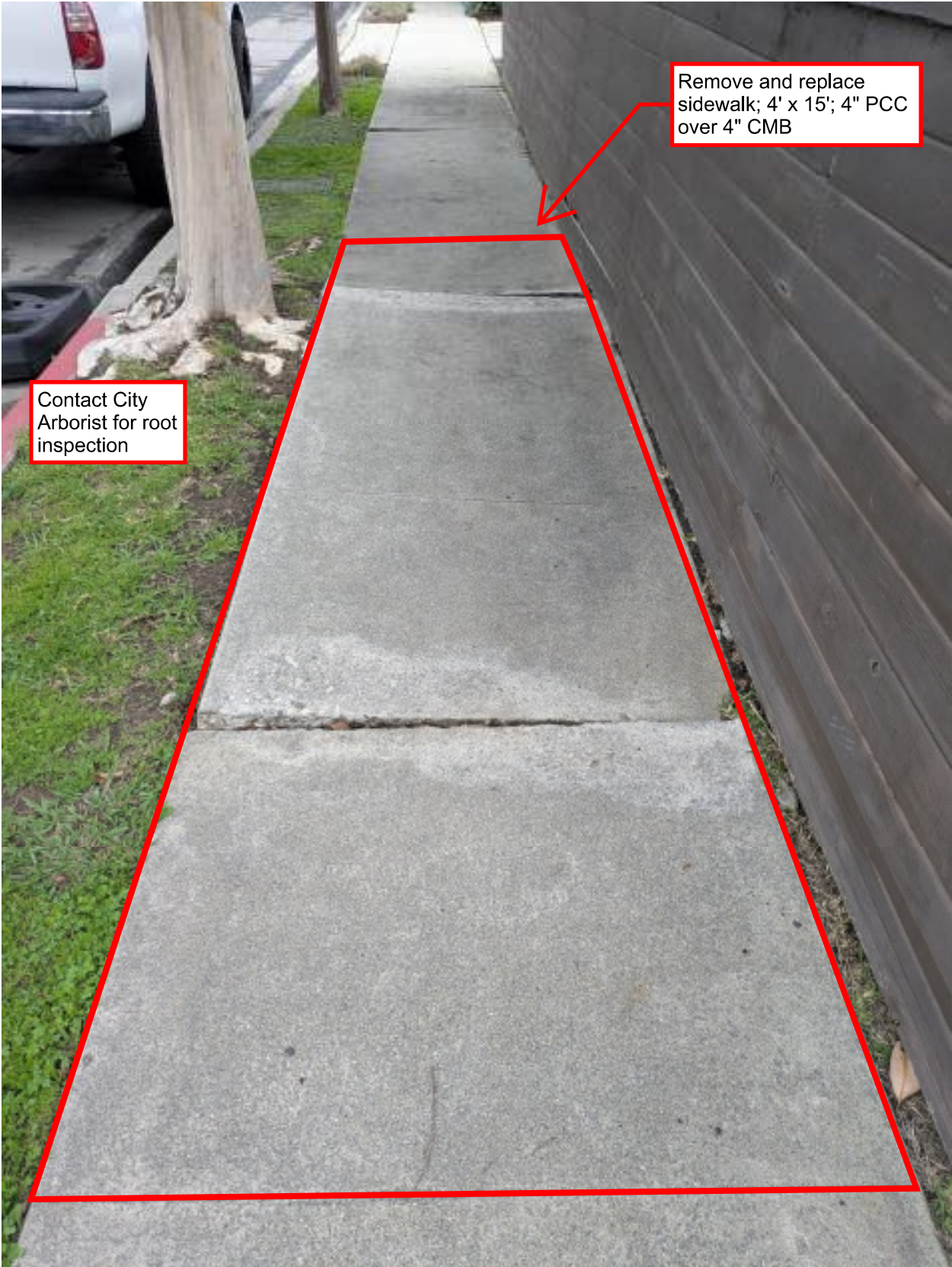
Remove and replace sidewalk; 5' x 12'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11266 Garfield Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit

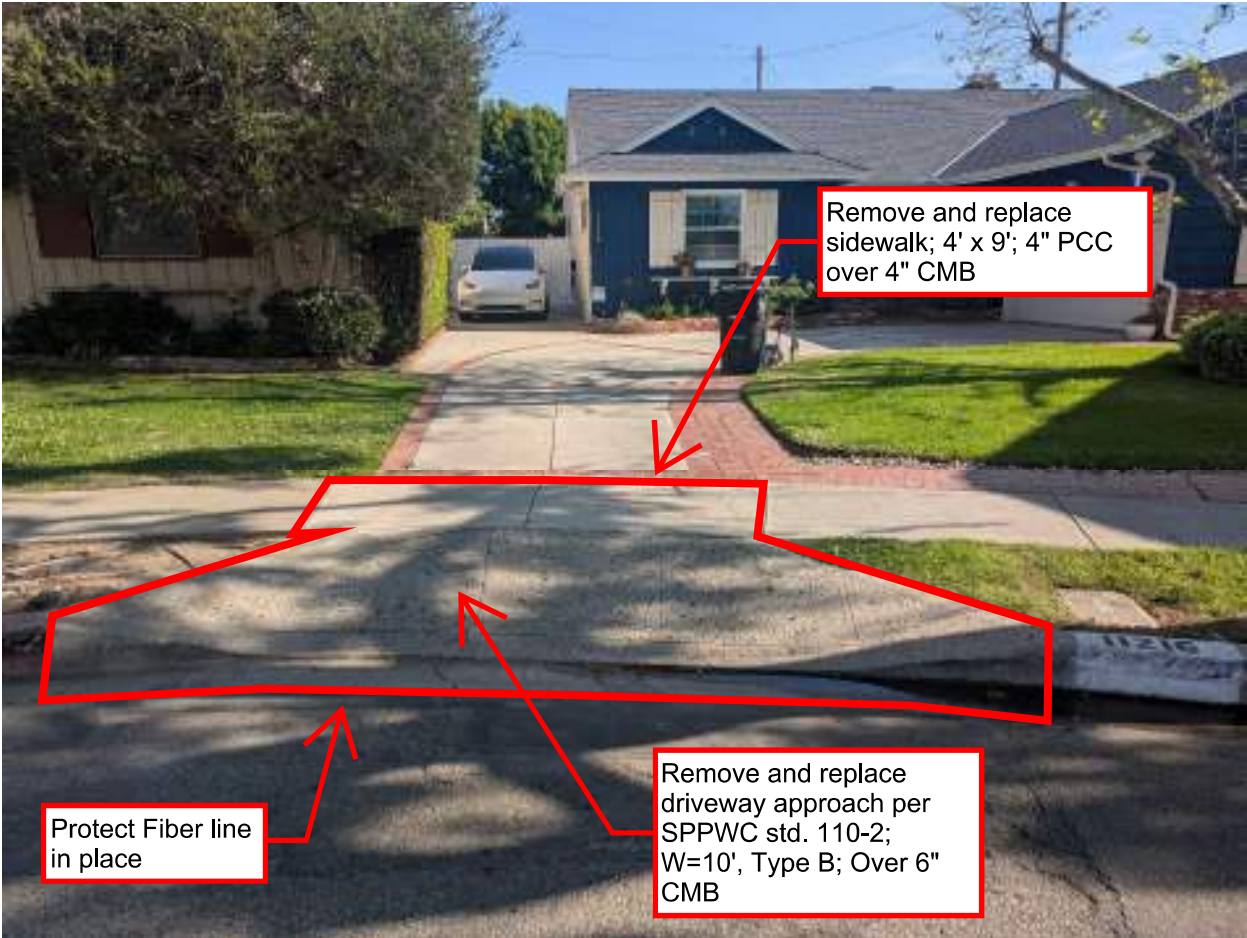


Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit

11216 Huntley Pl



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



Contact City
Arborist for root
inspection

Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



11214 Huntley Pl



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



11210 Huntley Pl



Remove and replace sidewalk; 4' x 31'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



11213 Huntley Pl



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11215 Huntley Pl



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



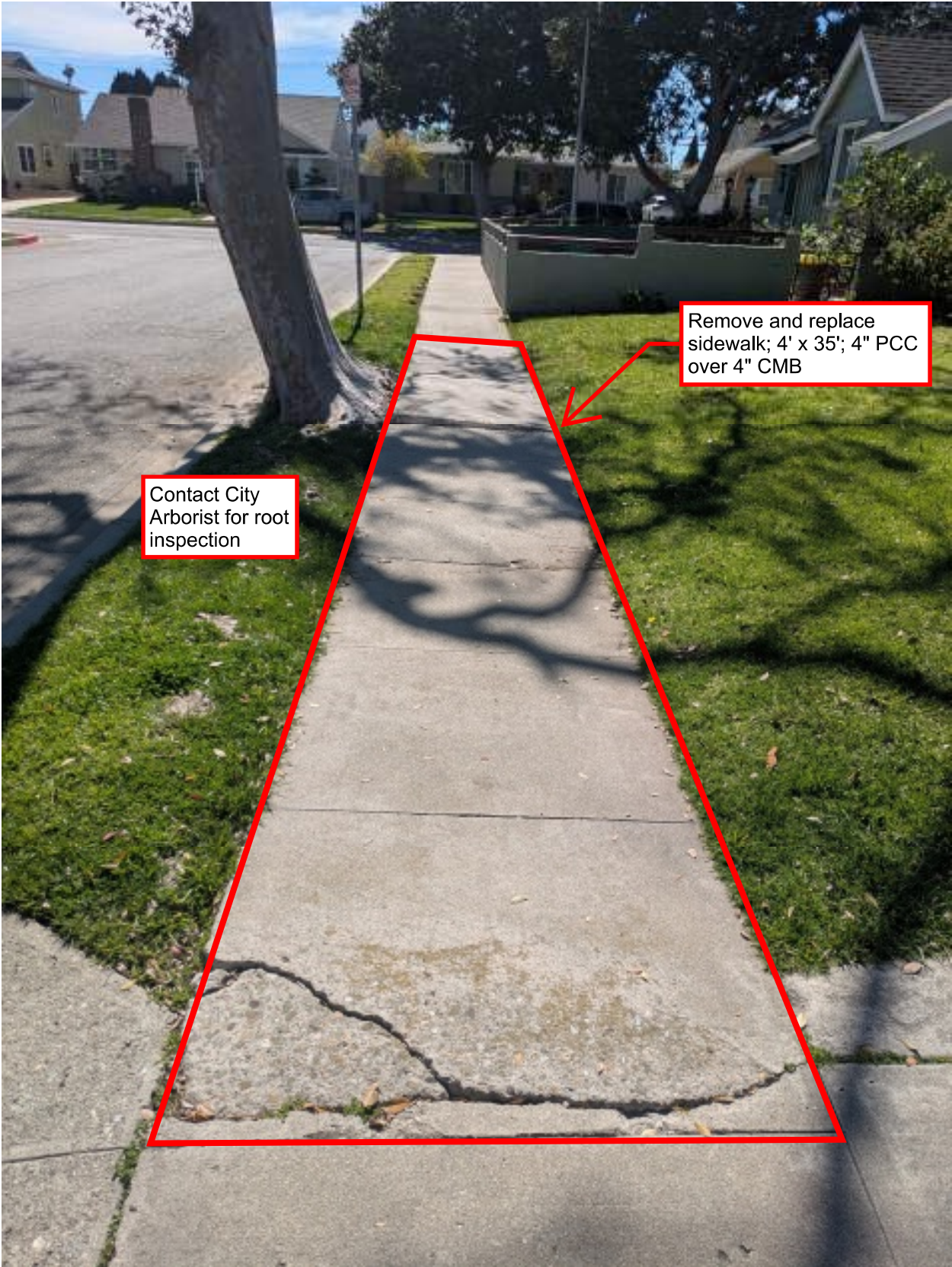
11225 Huntley Pl



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11245 Huntley Pl



Contact City
Arborist for root
inspection

Remove and replace
sidewalk; 4' x 35'; 4" PCC
over 4" CMB

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11115 McDonald St



Remove and replace sidewalk; 4' x 26'; 4" PCC over 4" CMB

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11131 McDonald St



Remove and replace sidewalk; 4' x 8'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11207 Culver Park Dr



Contact City
Arborist for root
inspection

Remove and replace
sidewalk; 4' x 11'; 4" PCC
over 4" CMB

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit

11219 Patom Dr

11219 McDonald St



Remove and replace sidewalk; 4' x 33'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11220 Patom Dr



Remove and replace sidewalk; 4' x 20'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11225 Patom Dr



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



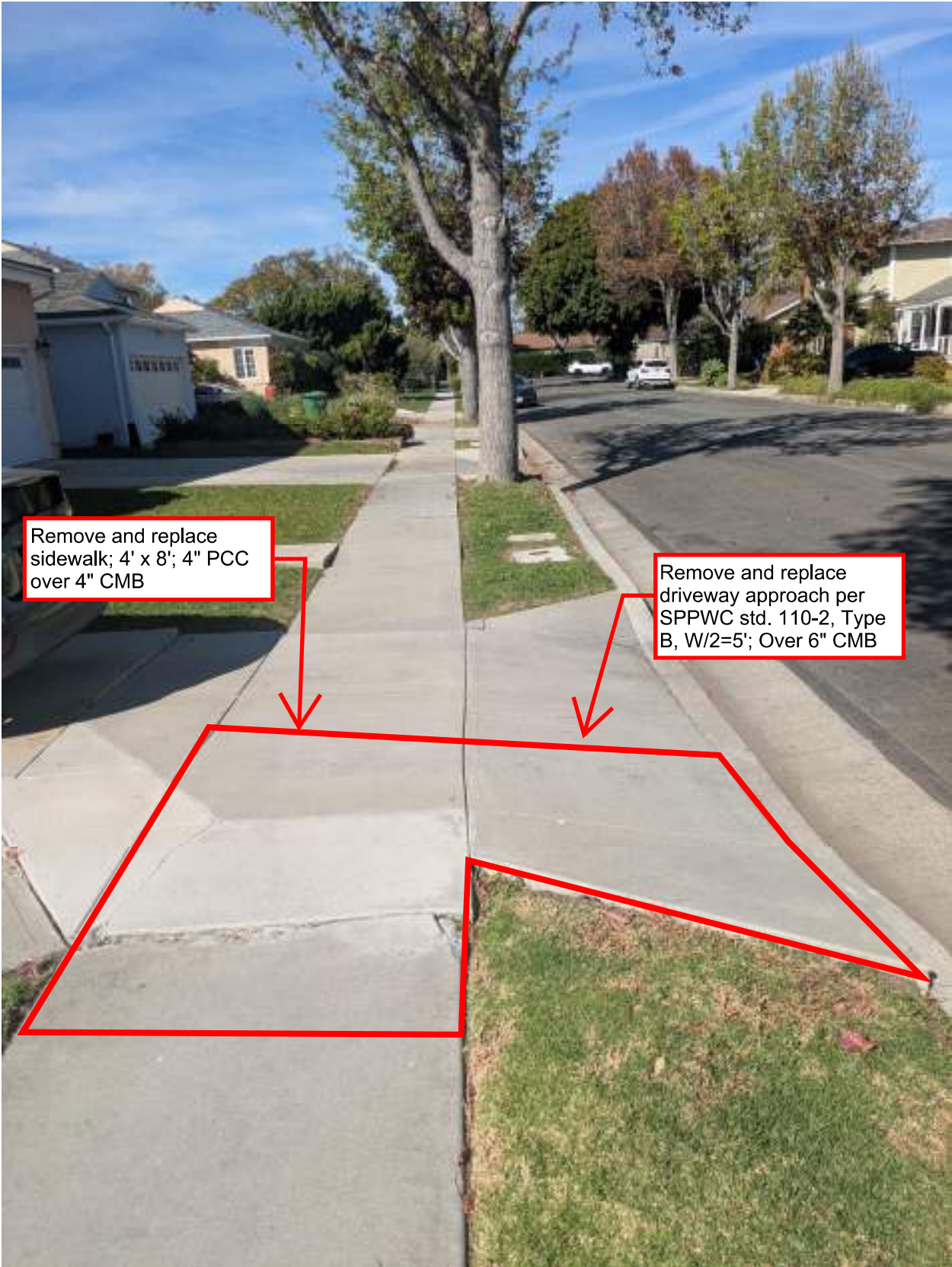
11226 Patom Dr



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11231 Patom Dr



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



5450 Diller Ave



Remove and replace sidewalk; 4' x 46'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11453 Patom Dr



Contact City
Arborist for root
inspection

Remove and replace
sidewalk; 4' x 8'; 4"
PCC over 4" CMB

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



11493 Patom Dr



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit

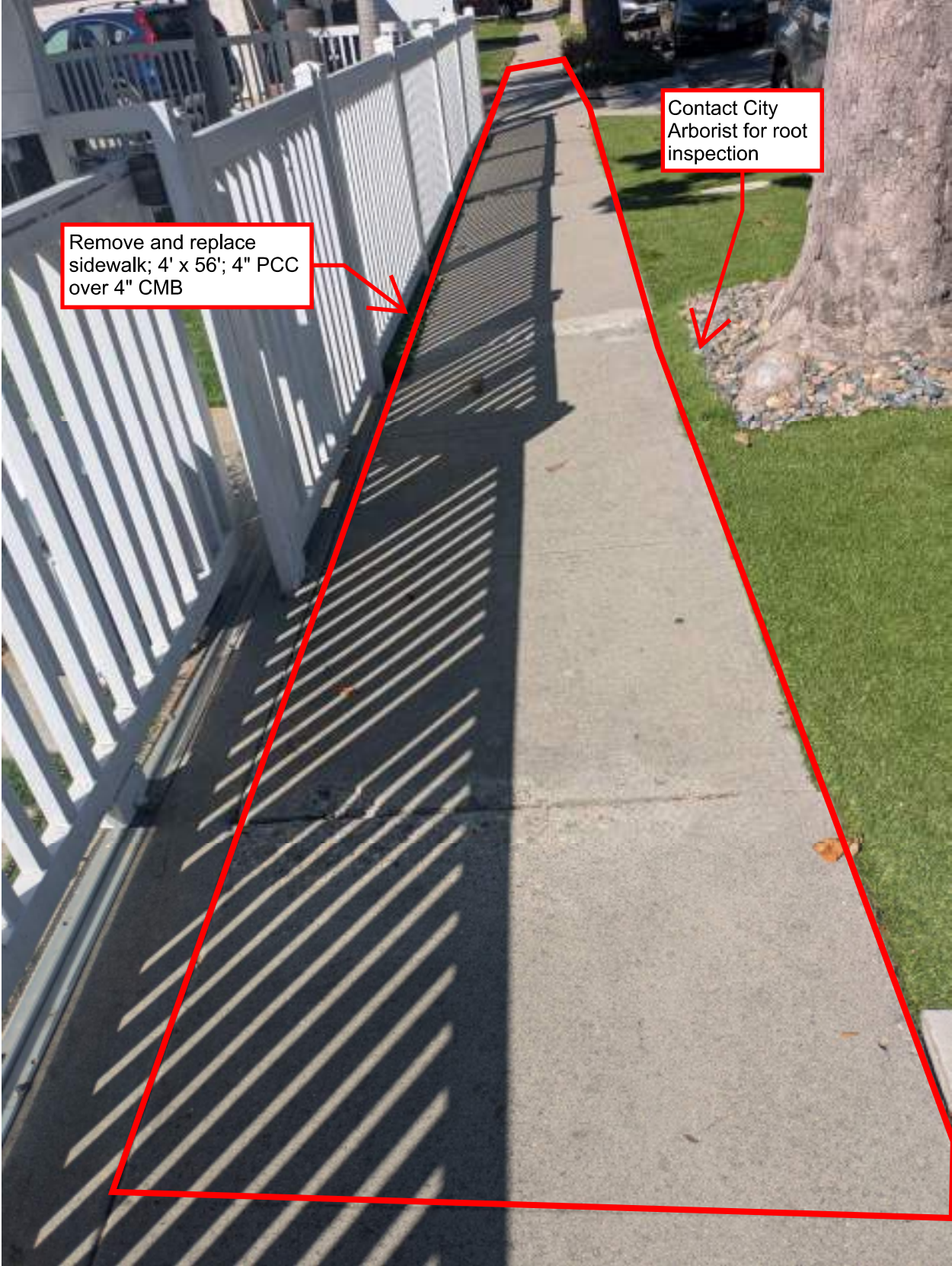


Contact City
Arborist for root
inspection

11505 Patom Dr



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



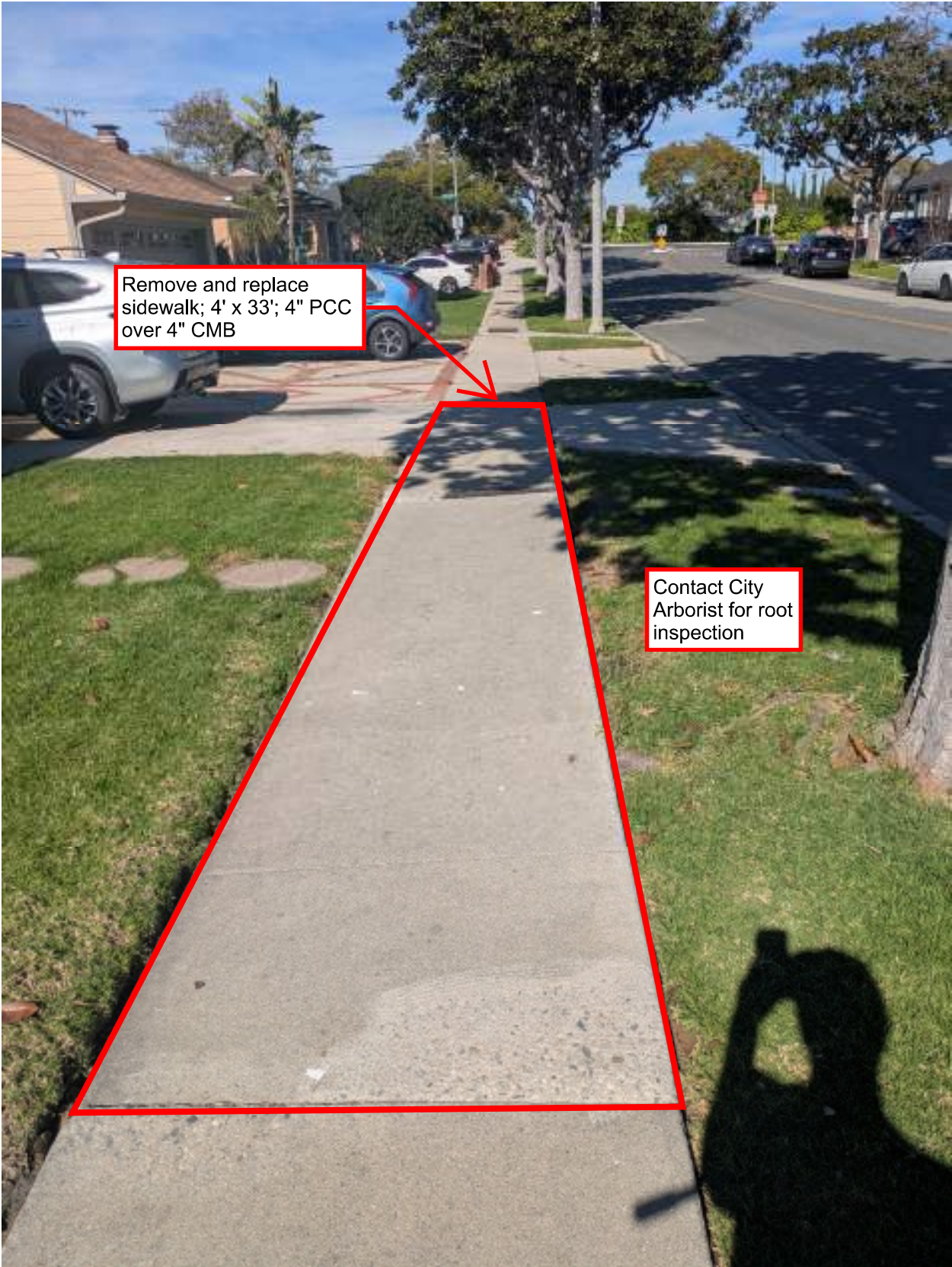
Remove and replace sidewalk; 4' x 56'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



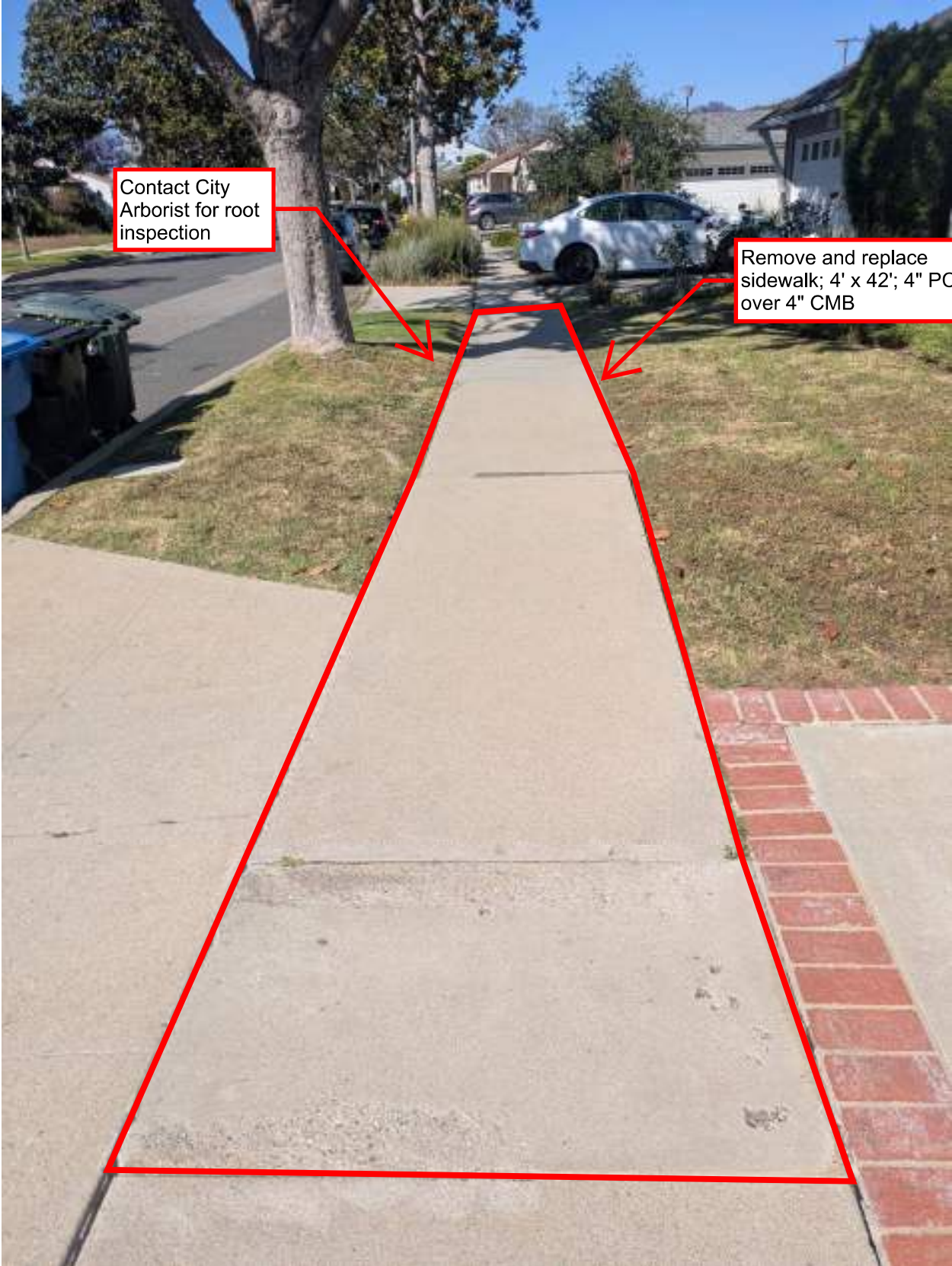
11219 McDonald St



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



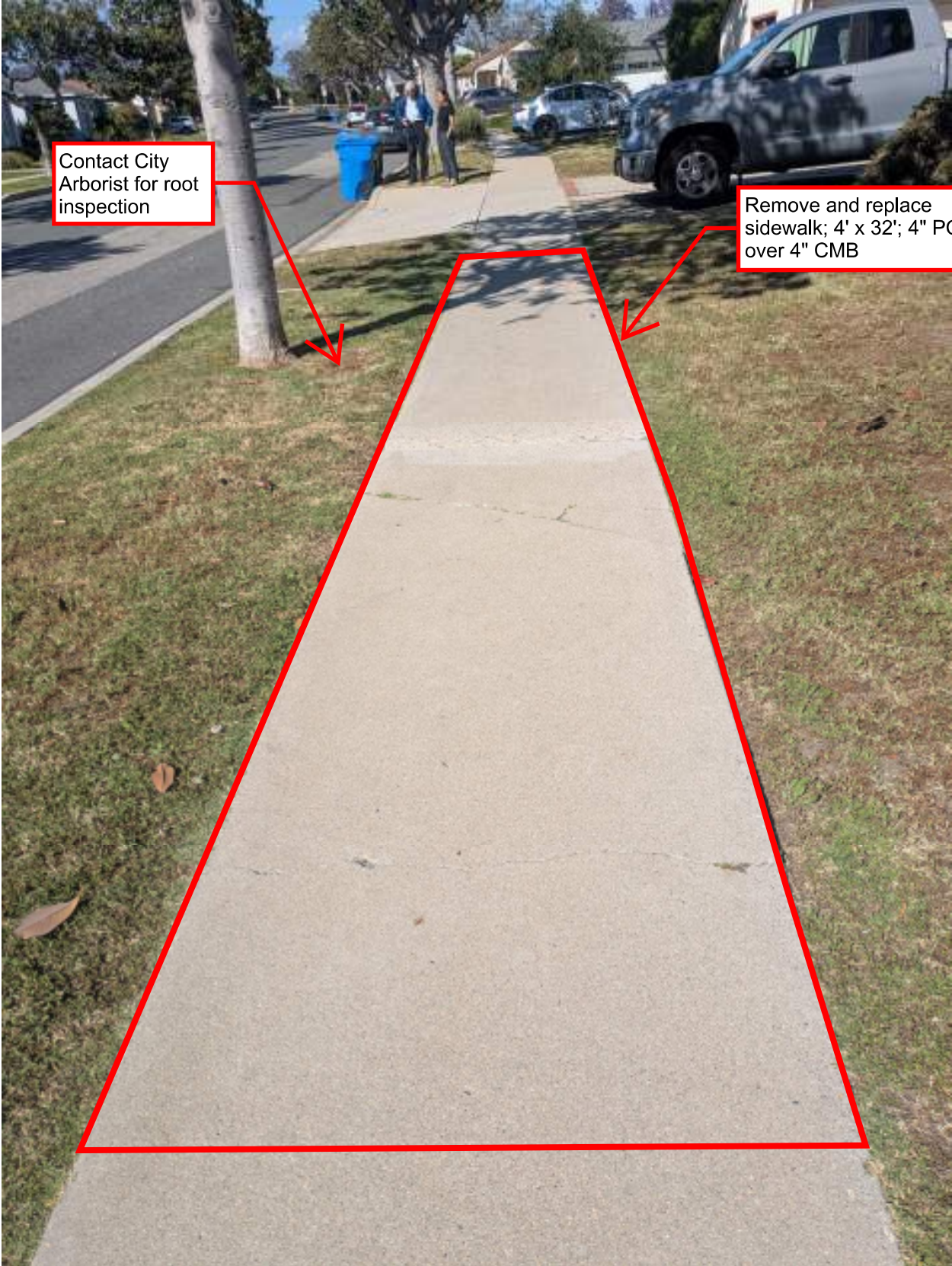
11266 McDonald St



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



11276 McDonald St



Contact City Arborist for root inspection

Remove and replace sidewalk; 4' x 32'; 4" PCC over 4" CMB

Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



5140 Purdue Ave



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



Remove and replace sidewalk; 4' x 6'; 4" PCC over 4" CMB

Appendix A – Sidewalk, Curb Ramp, and Driveway Approach Exhibit



11659 McDonald St



Remove and replace sidewalk; 4' x 60'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Remove and replace driveway approach per SPPWC std. 110-2, Type B, W=35'; Over 6" CMB

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Remove and replace curb and gutter per SPPWC std. 120-3; 35' over 4" CMB

5427 Emporia Ave



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



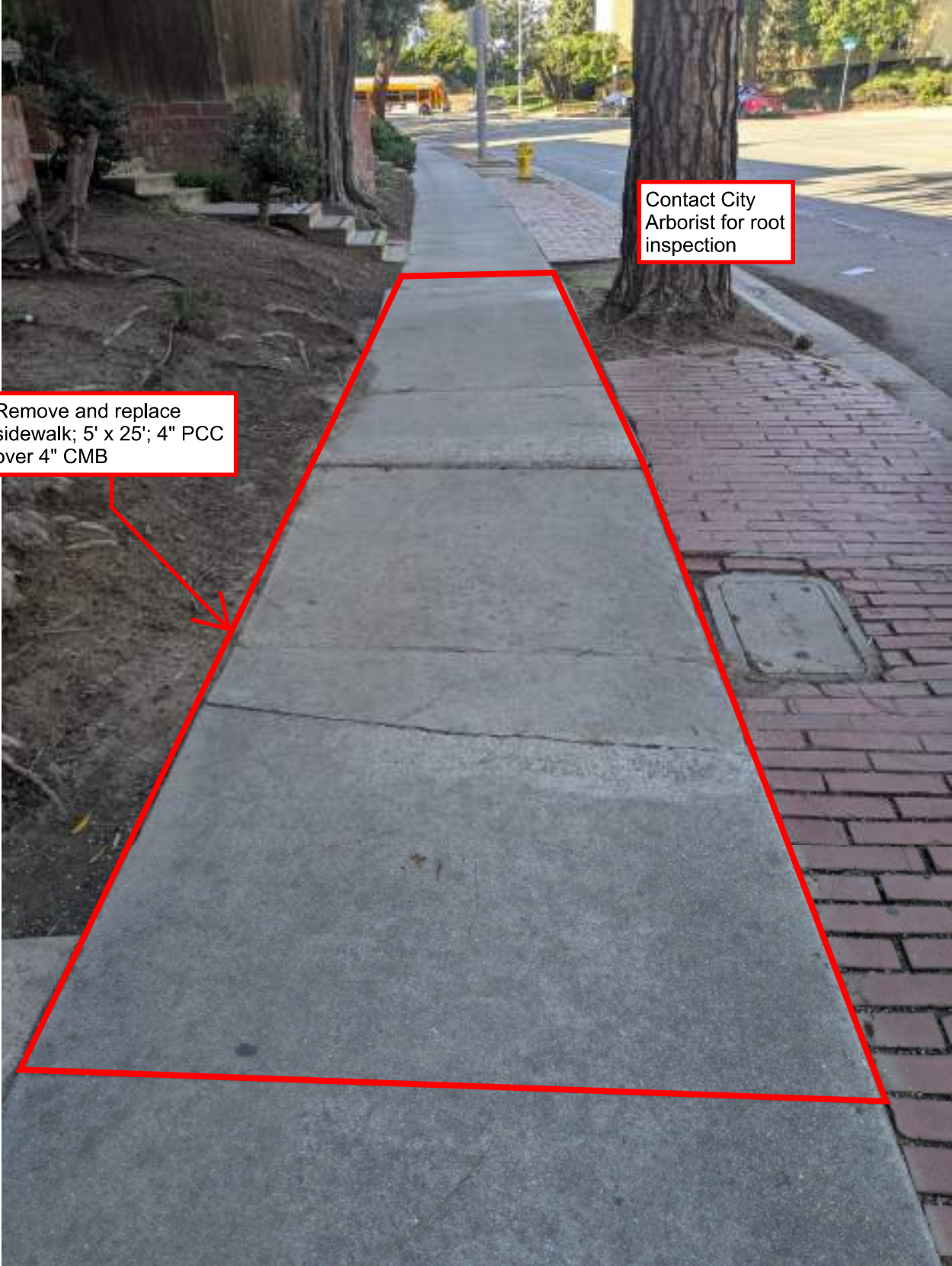
6400 Green Valley / Heather Village Condominiums



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



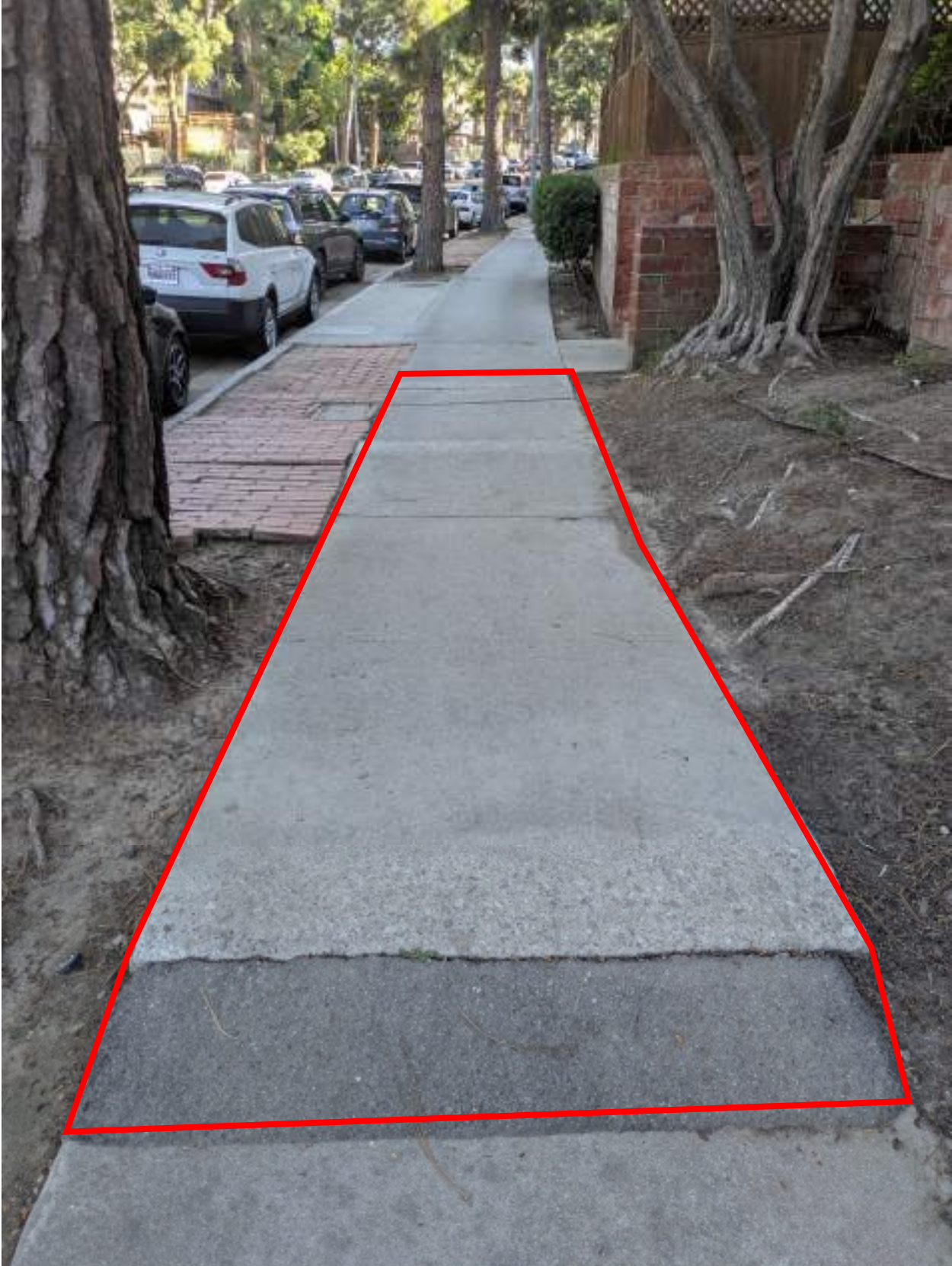
Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



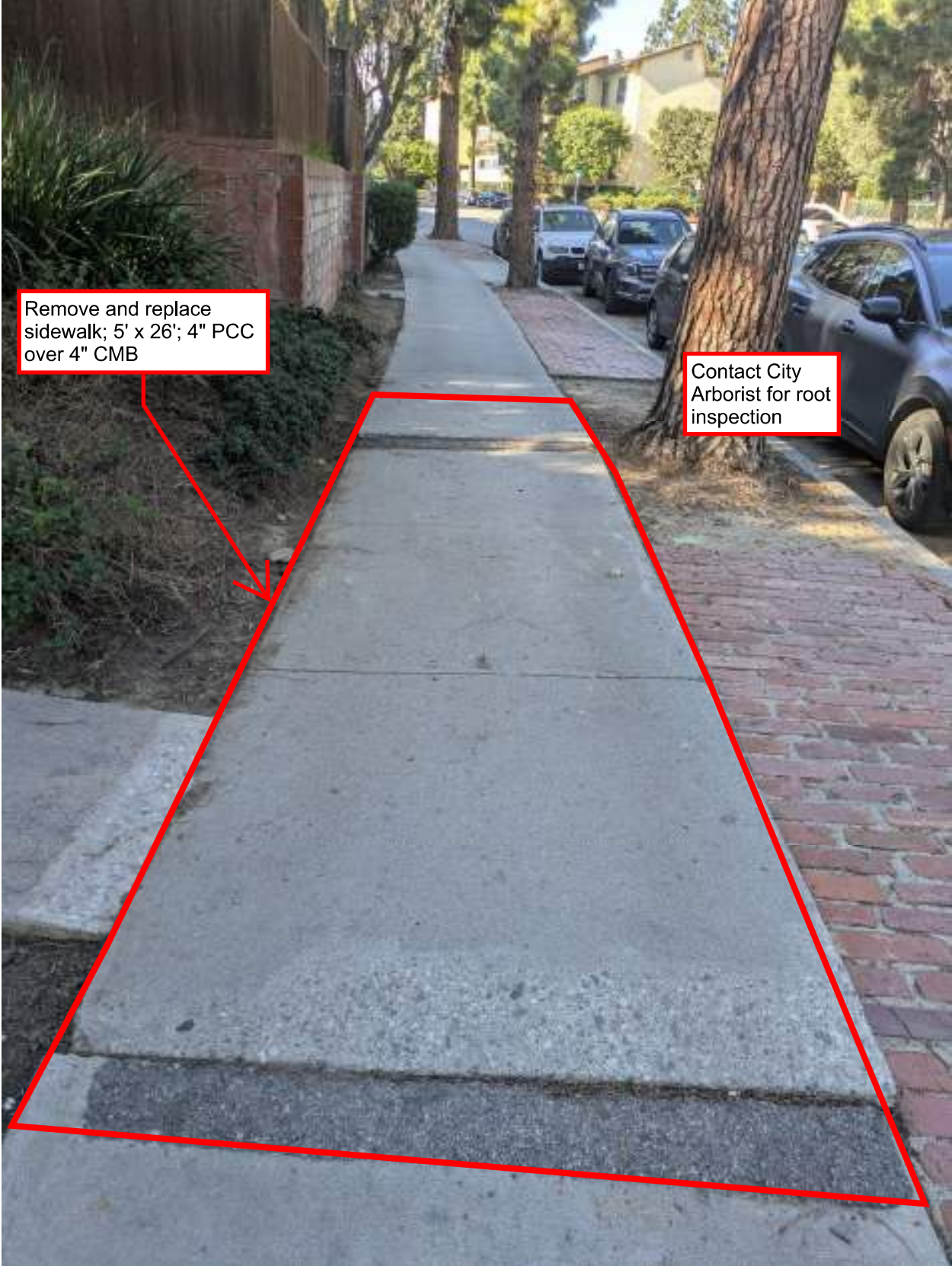
Remove and replace sidewalk; 5' x 25'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Remove and replace sidewalk; 5' x 26'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Remove and replace sidewalk; 5' x 26'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Remove and replace sidewalk; 5' x 15'; 4" PCC over 4" CMB

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



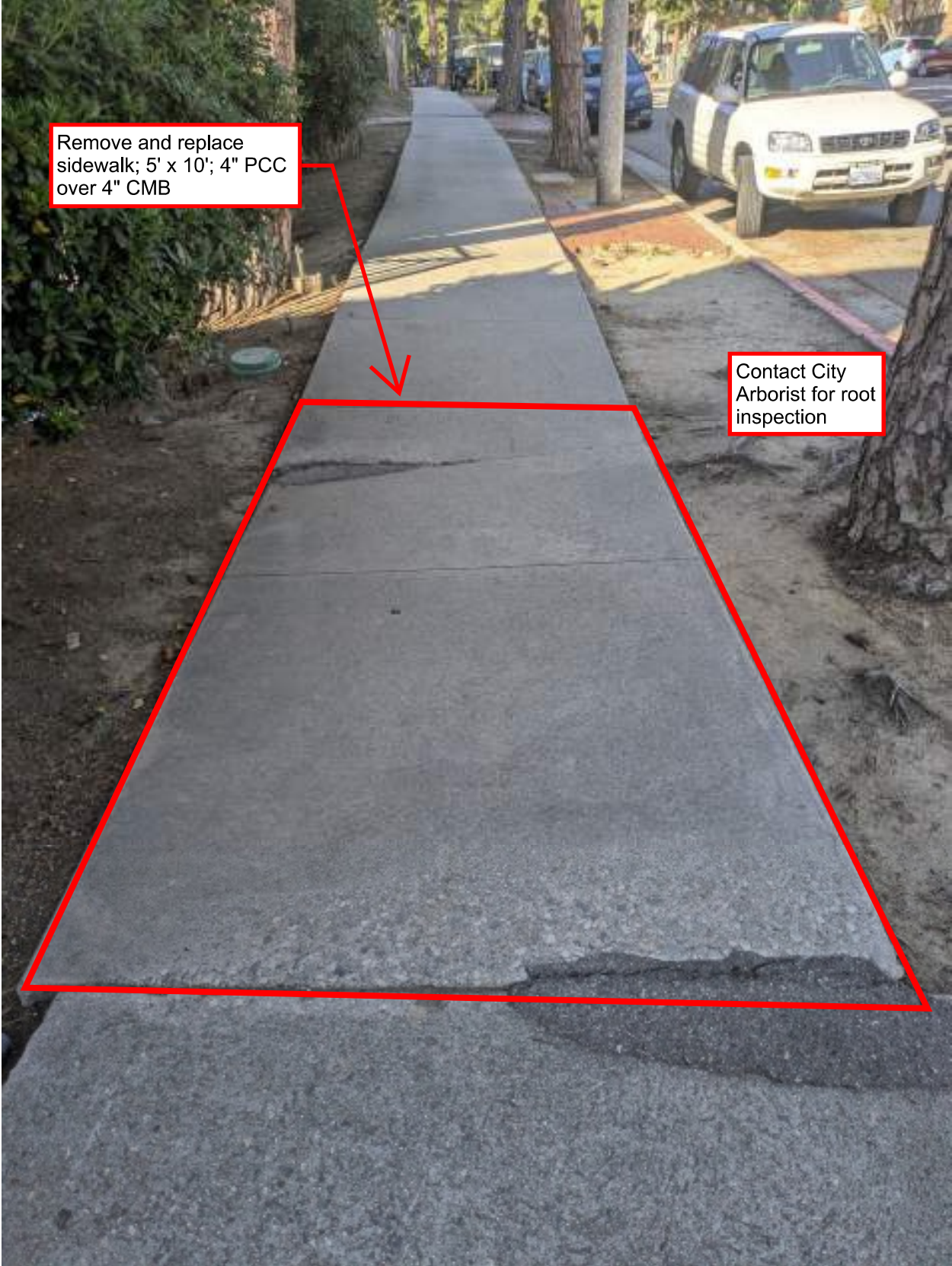
Contact City Arborist for root inspection

Remove and replace sidewalk; 5' x 19'; 4" PCC over 4" CMB

Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



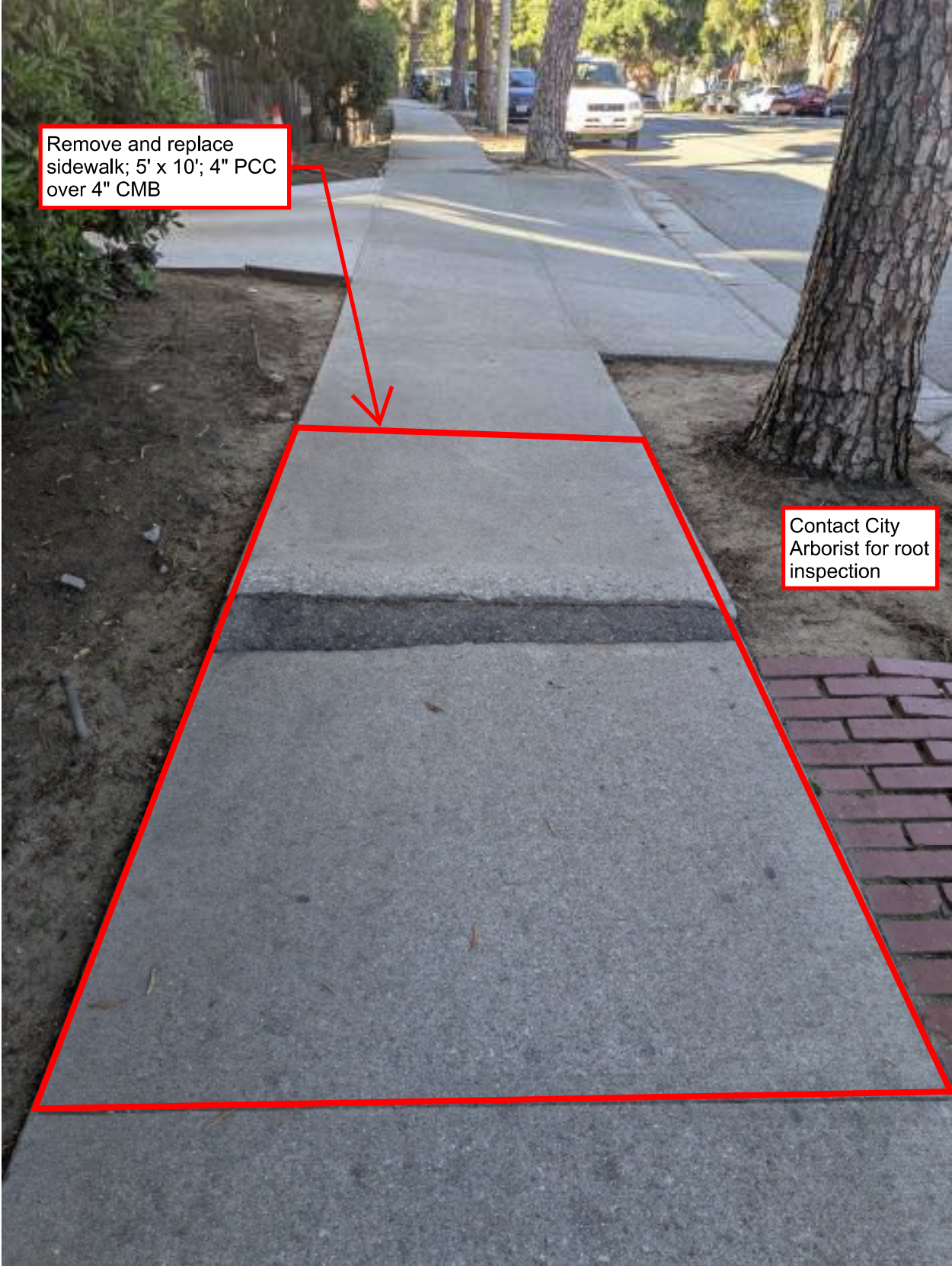
Remove and replace sidewalk; 5' x 10'; 4" PCC over 4" CMB

Contact City Arborist for root inspection

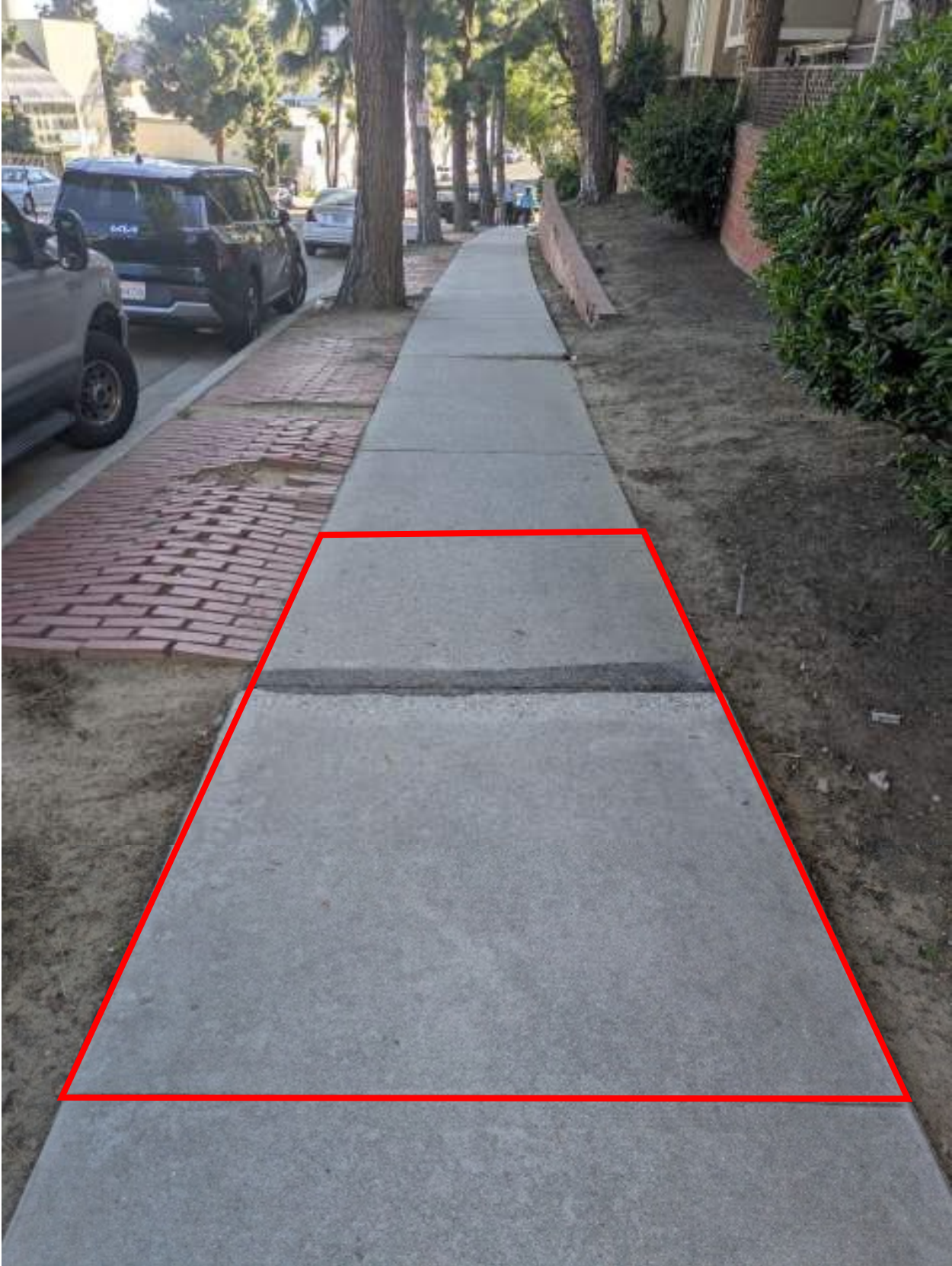
Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



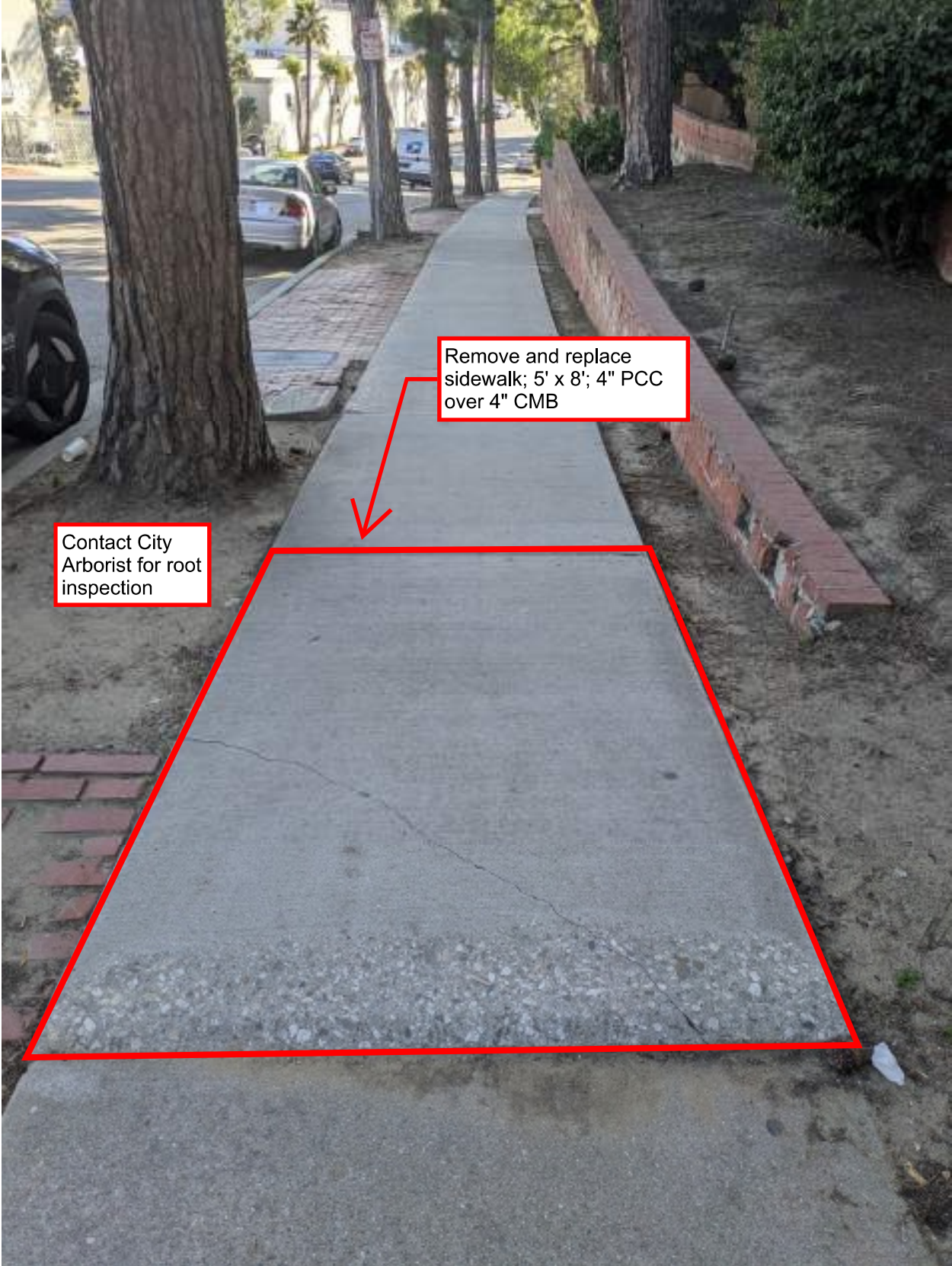
Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



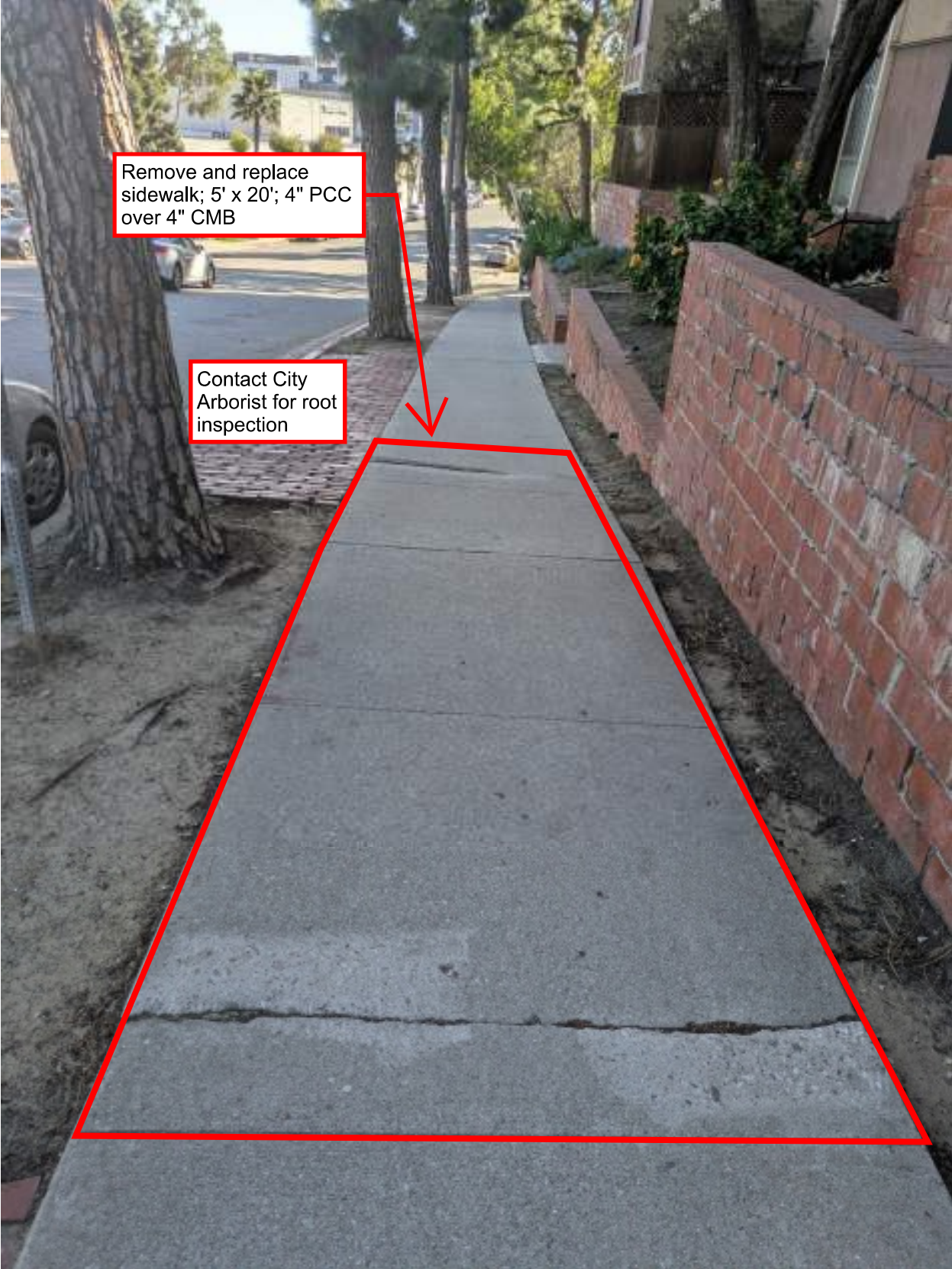
Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



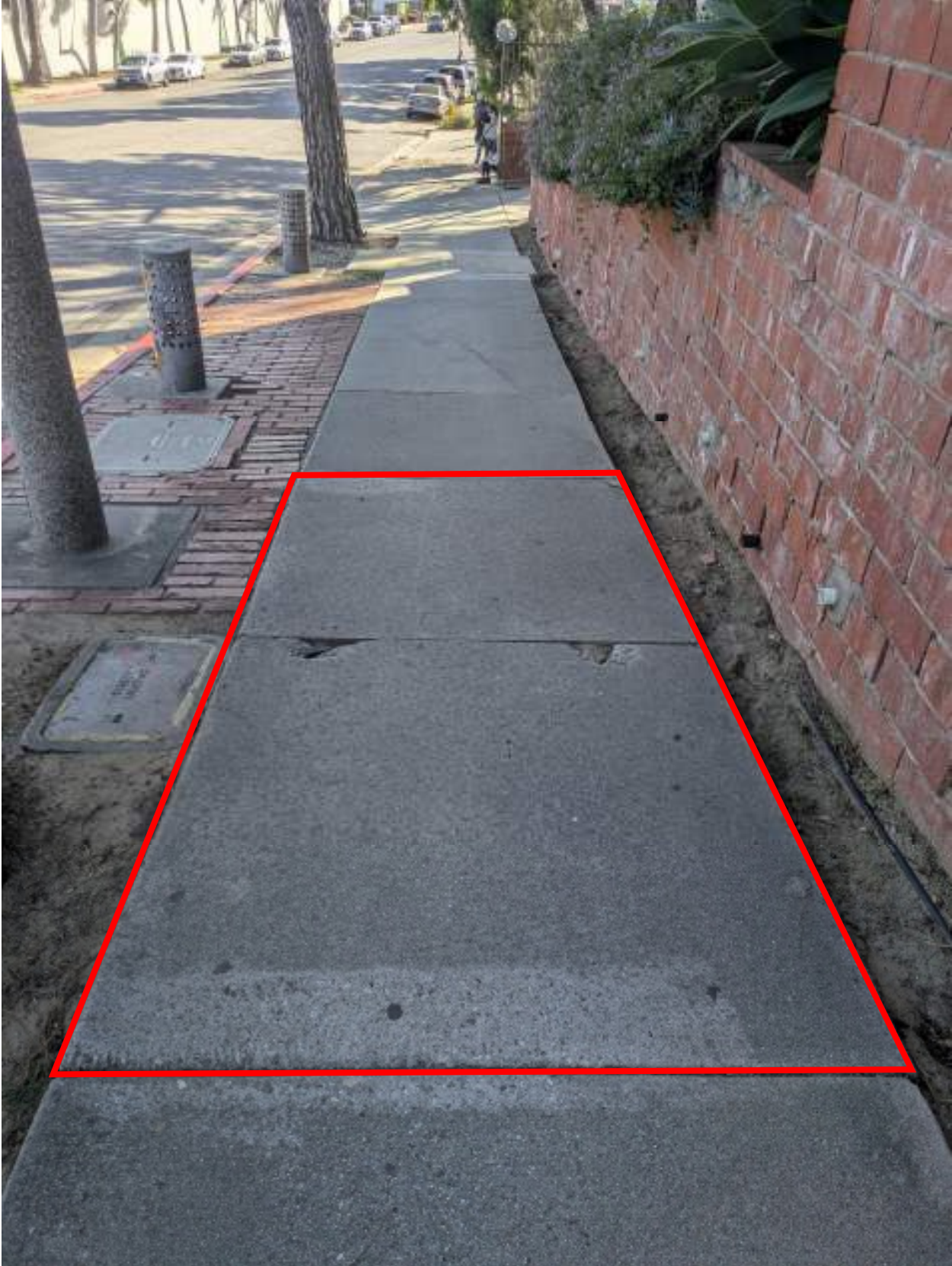
Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit



Appendix A- Sidewalk, Curb Ramp and Driveway Approach Exhibit

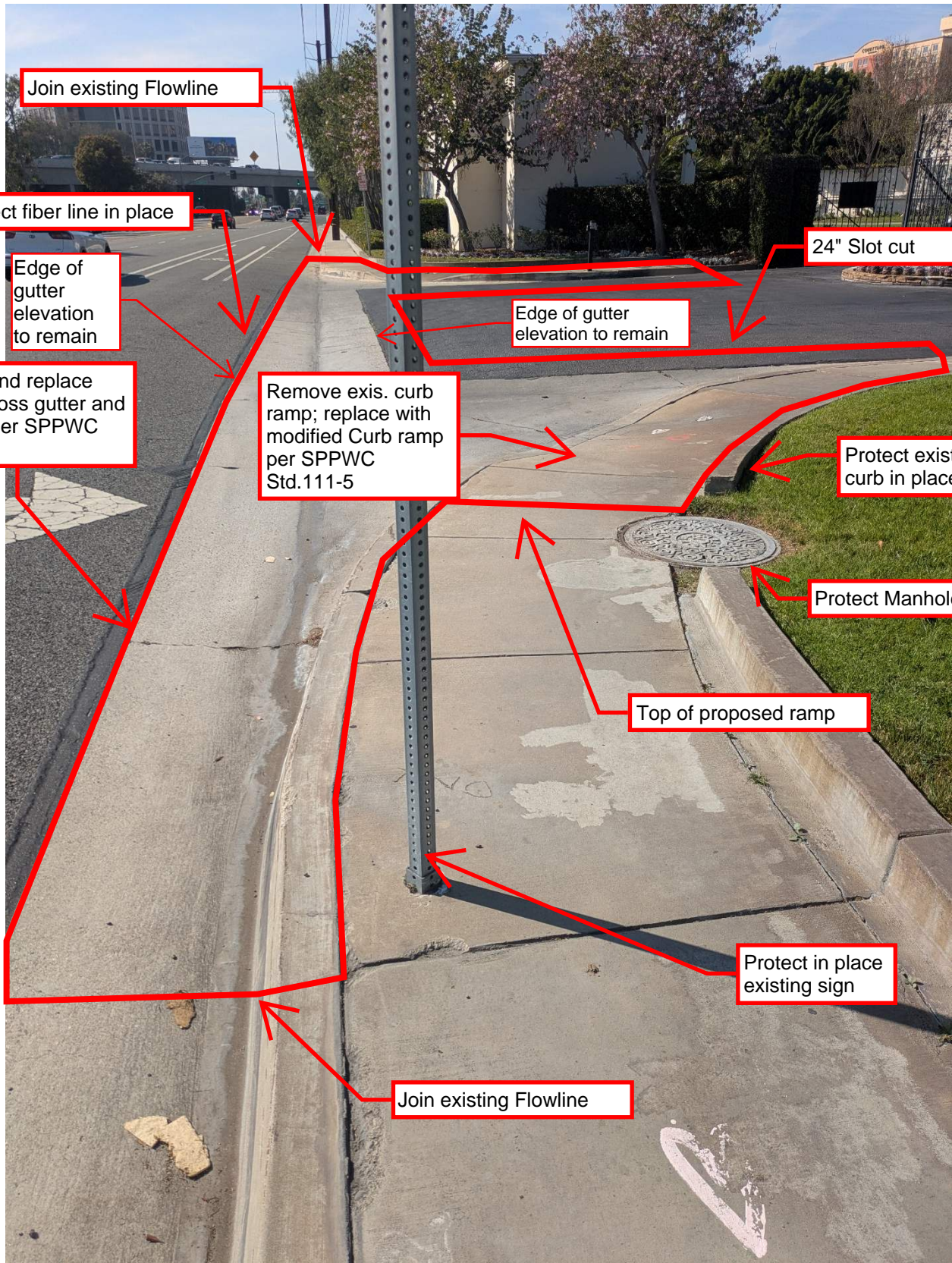


APPENDIX B

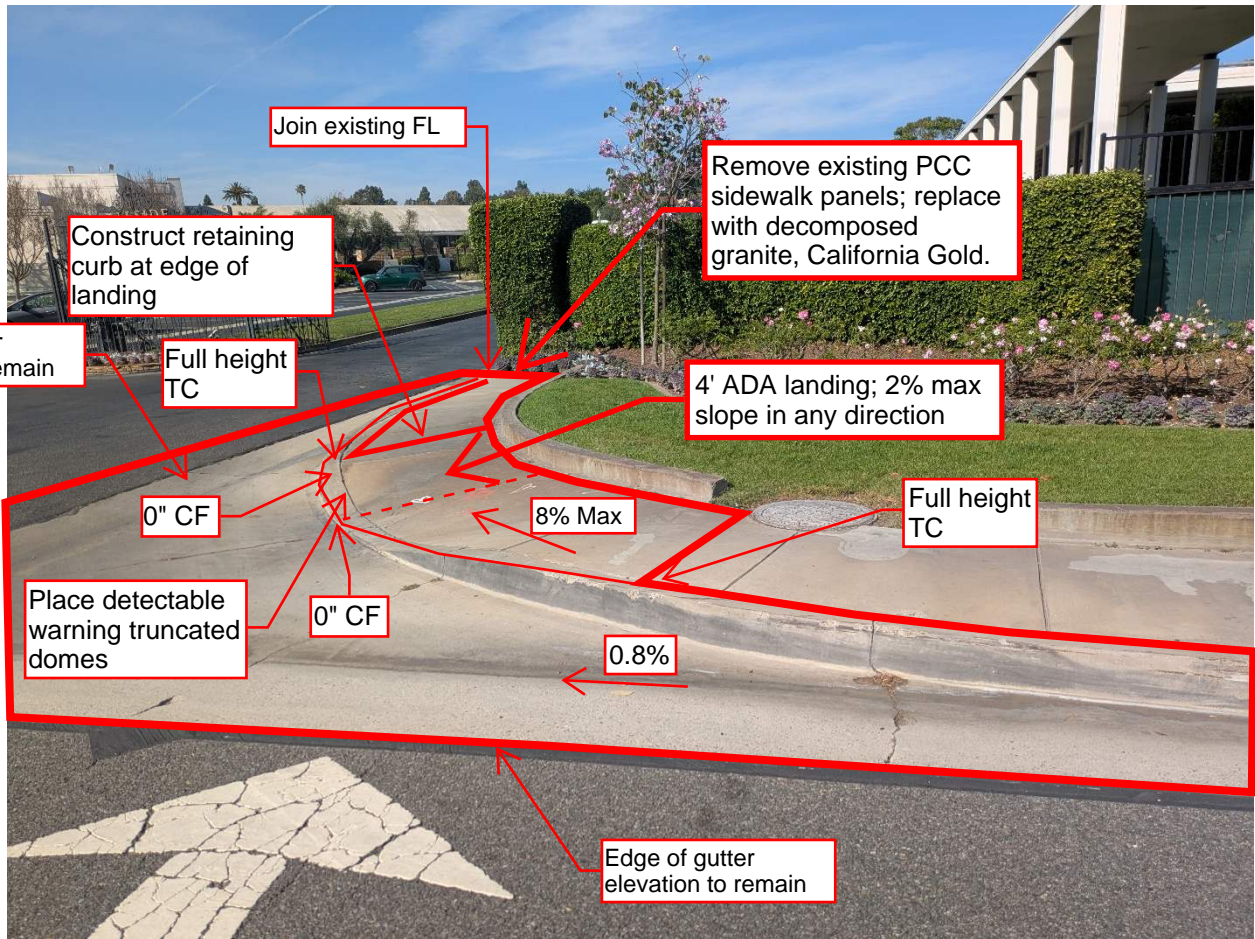
Hillside Cemetery Entrance Exhibit

NOT FOR BID

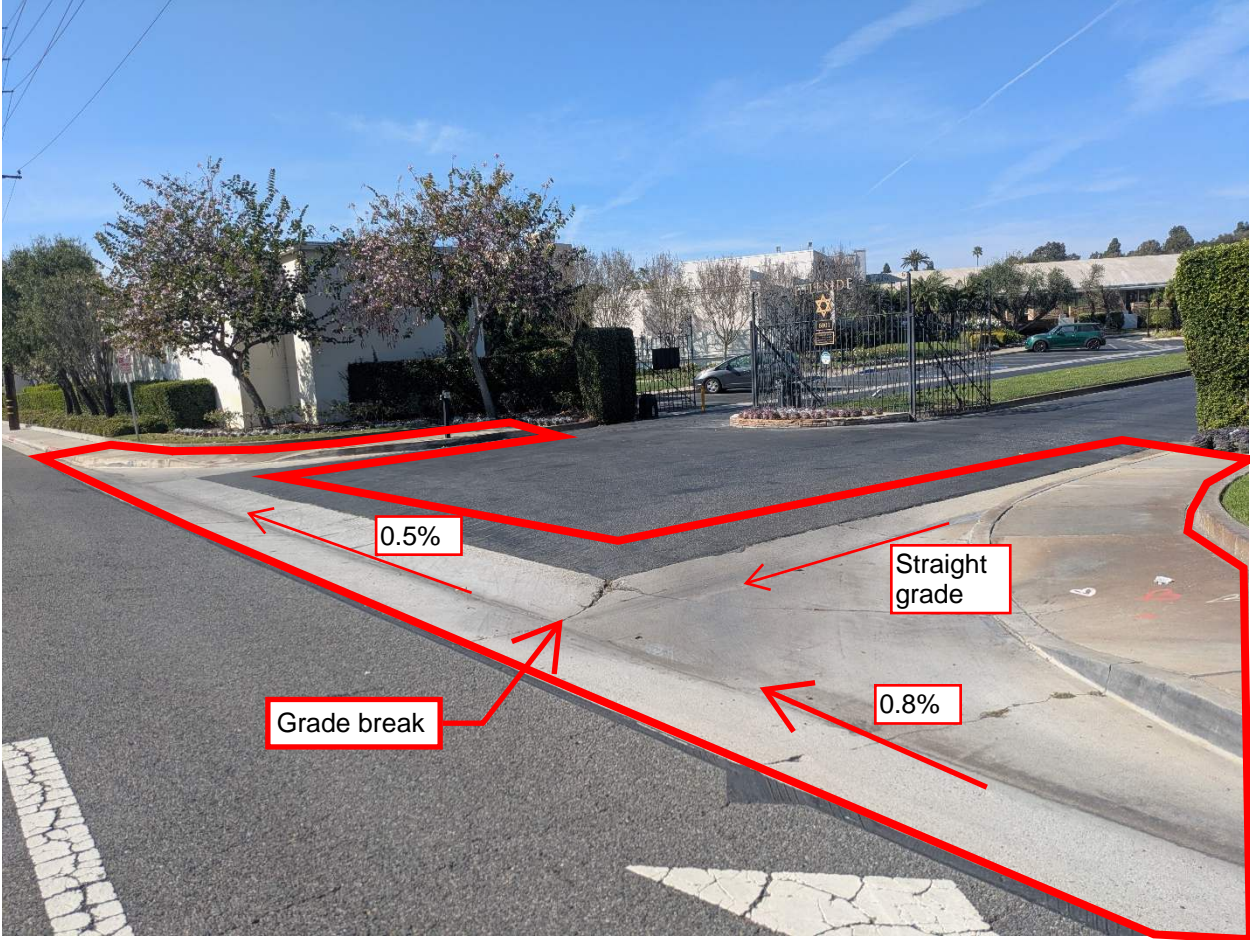
Appendix B – Hillside Cemetery Entrance Exhibit



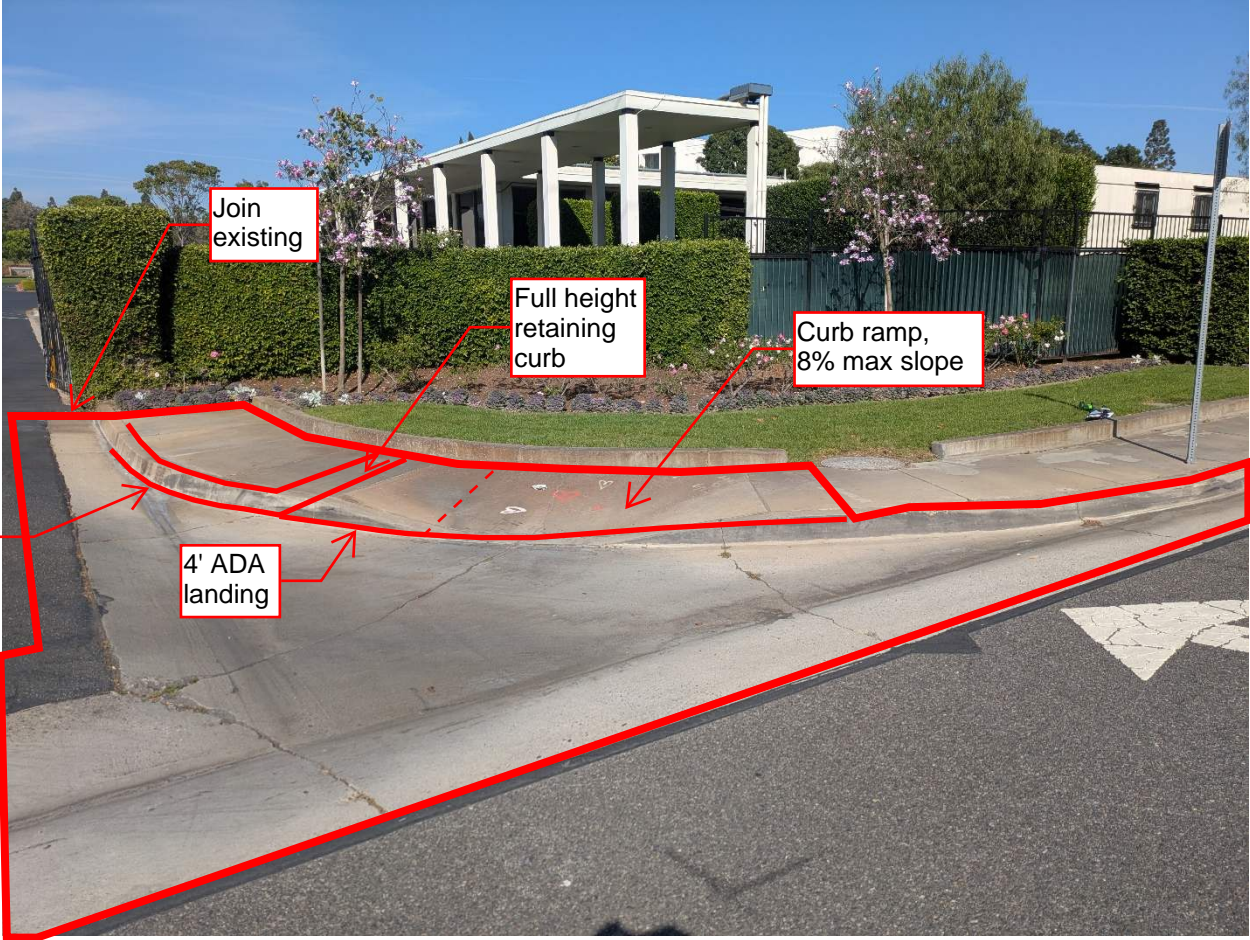
Appendix B – Hillside Cemetery Entrance Exhibit



Appendix B – Hillside Cemetery Entrance Exhibit



Appendix B – Hillside Cemetery Entrance Exhibit



Join existing

Full height retaining curb

Curb ramp, 8% max slope

Full height curb

4' ADA landing

Appendix B – Hillside Cemetery Entrance Exhibit



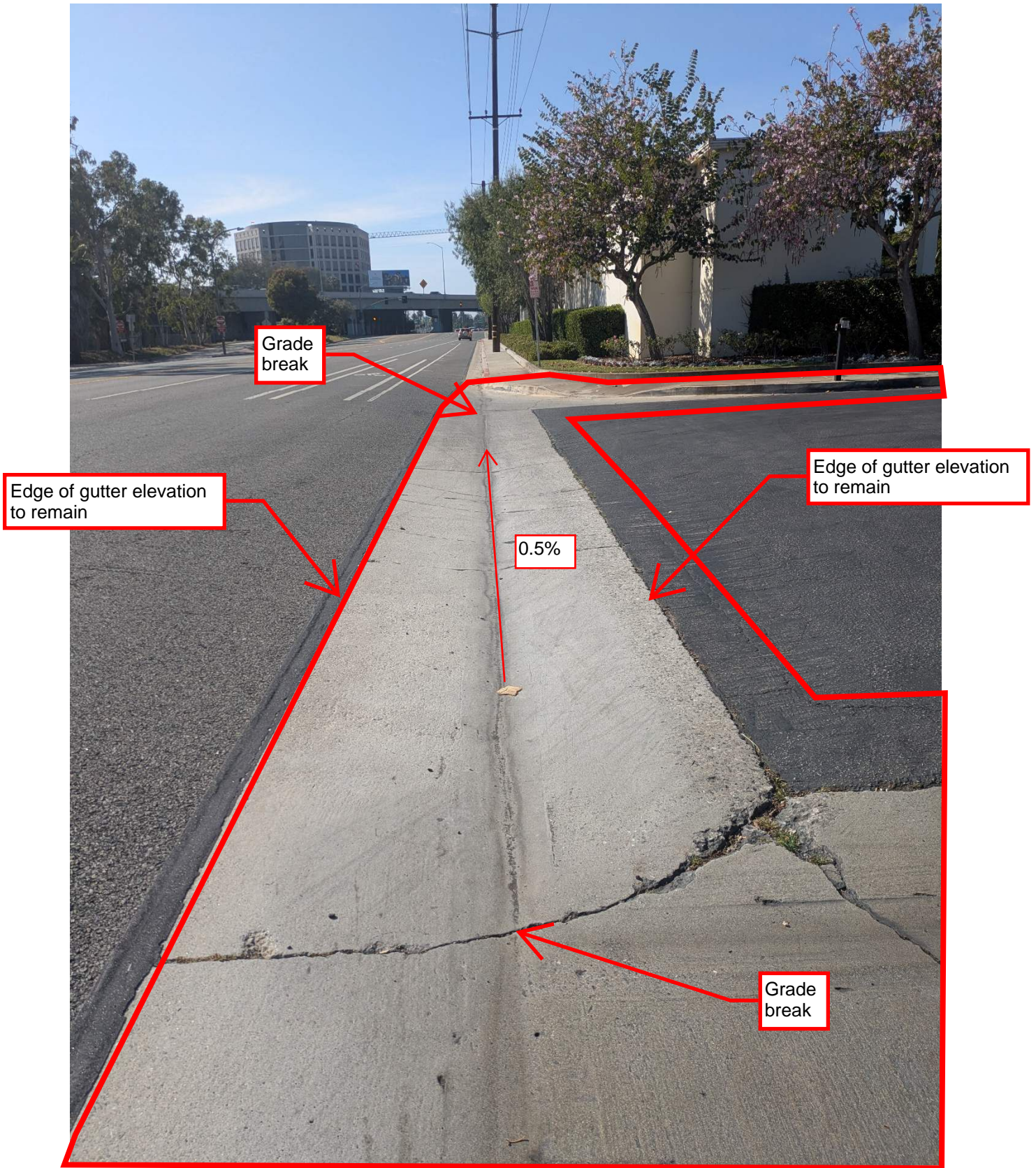
Appendix B – Hillside Cemetery Entrance Exhibit



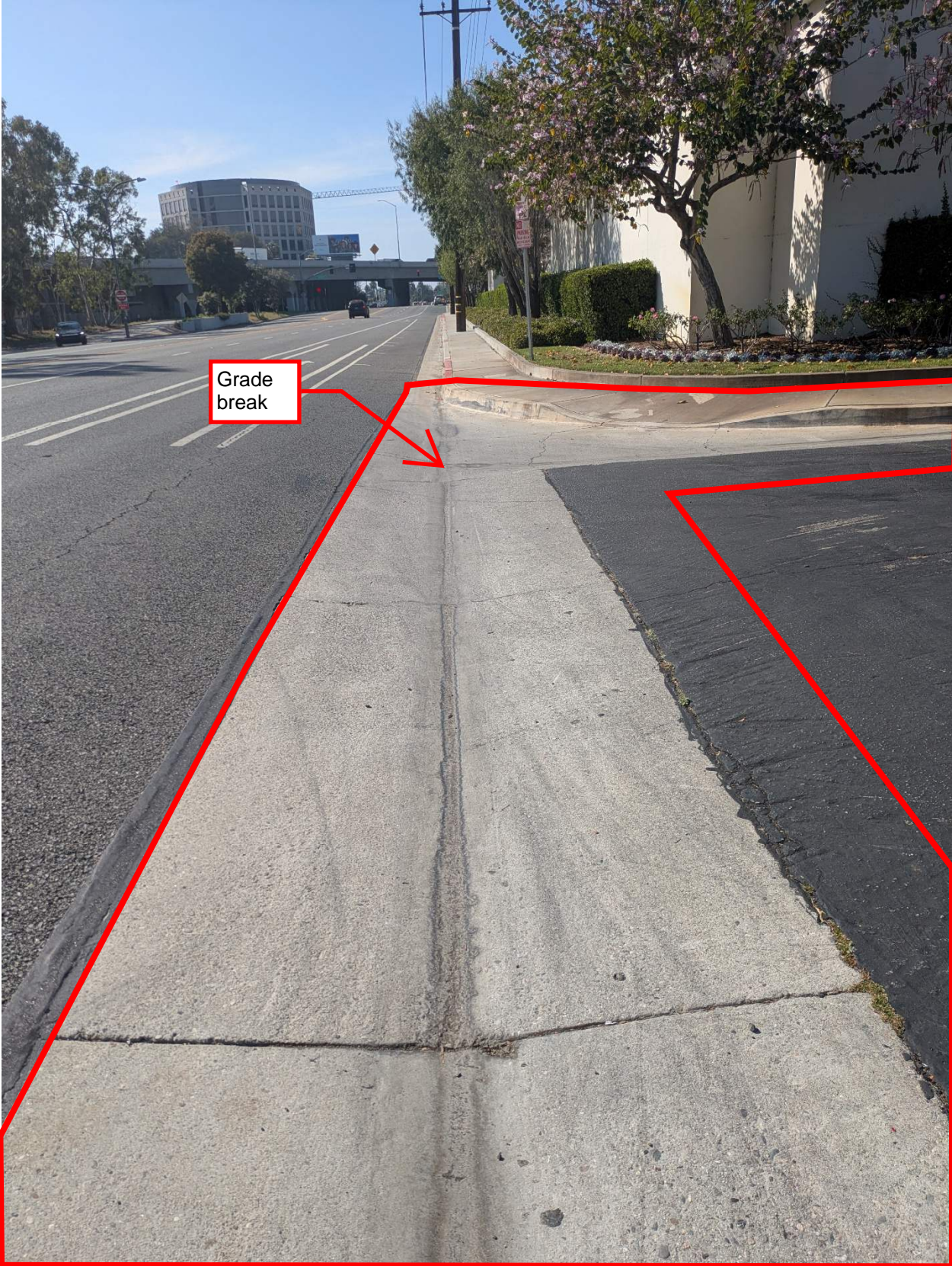
Appendix B – Hillside Cemetery Entrance Exhibit



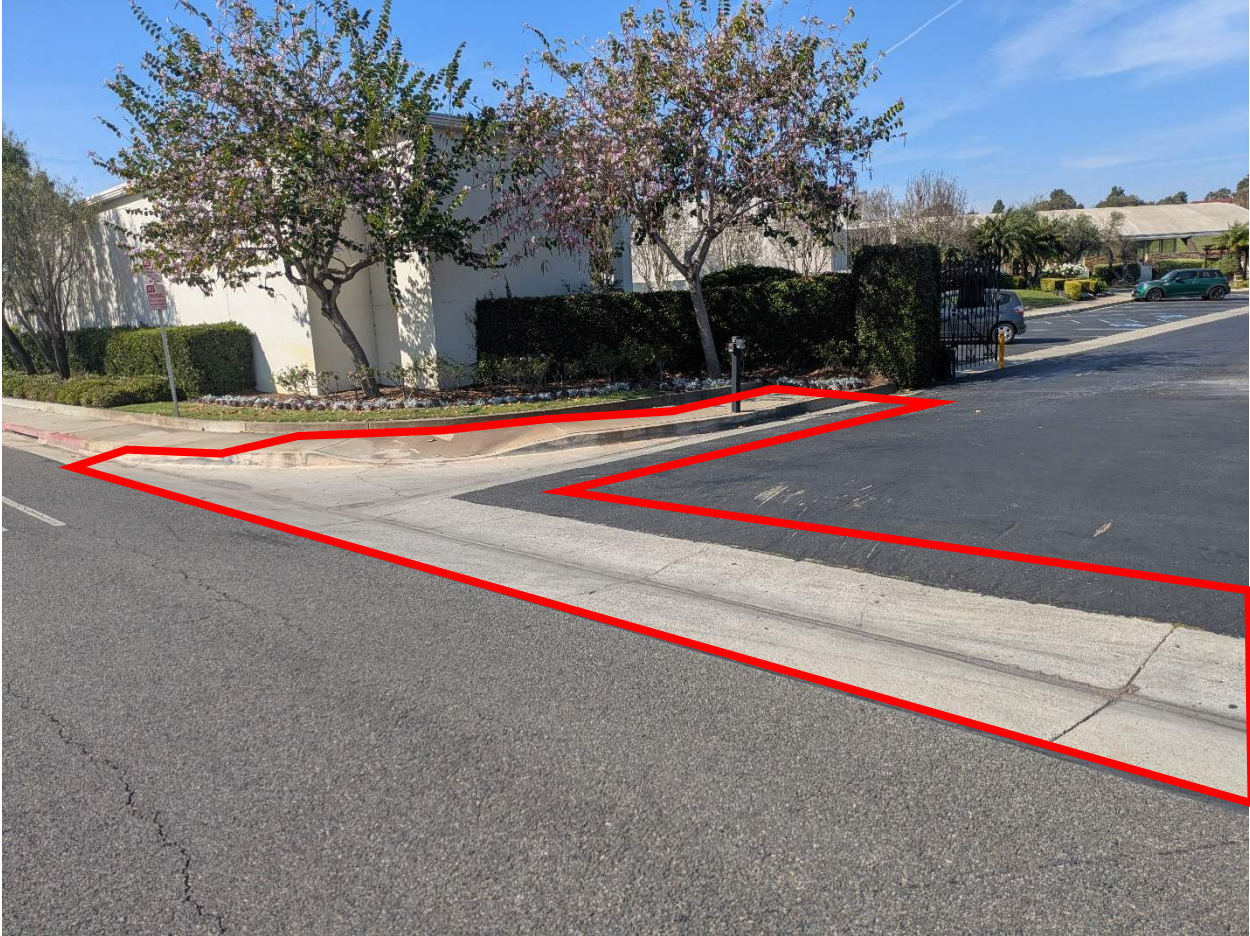
Appendix B – Hillside Cemetery Entrance Exhibit



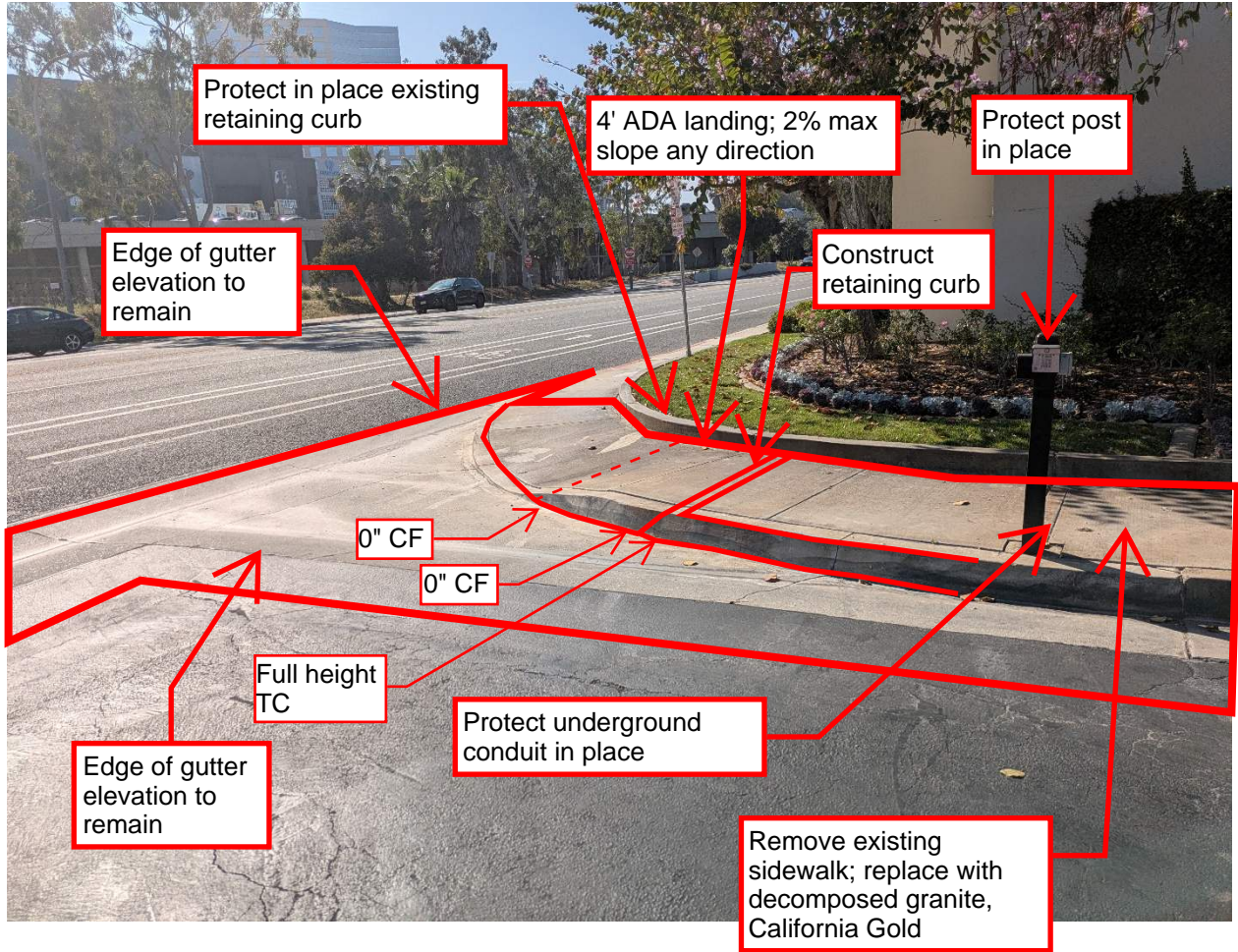
Appendix B – Hillside Cemetery Entrance Exhibit



Appendix B – Hillside Cemetery Entrance Exhibit



Appendix B – Hillside Cemetery Entrance Exhibit



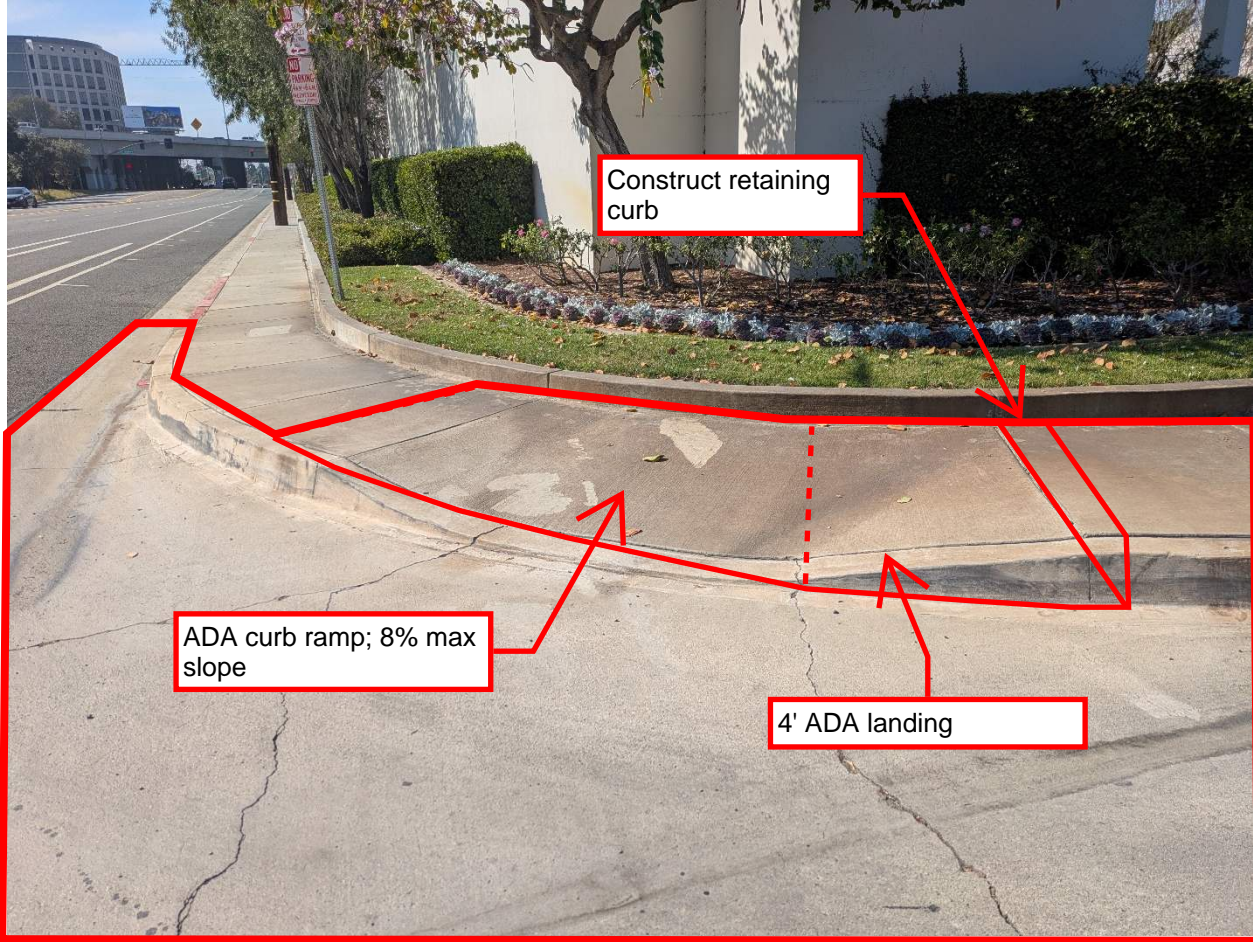
Appendix B – Hillside Cemetery Entrance Exhibit



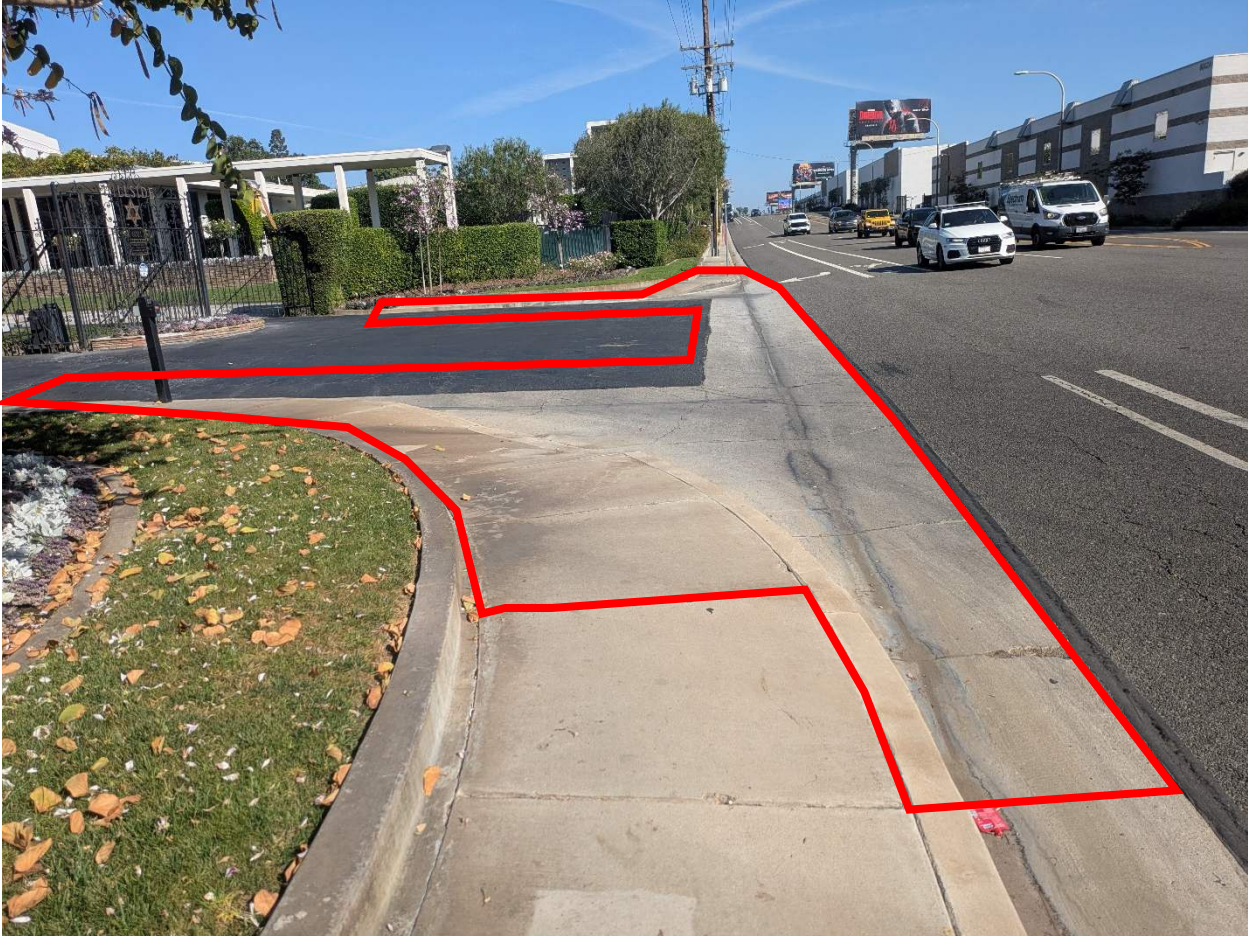
Appendix B – Hillside Cemetery Entrance Exhibit



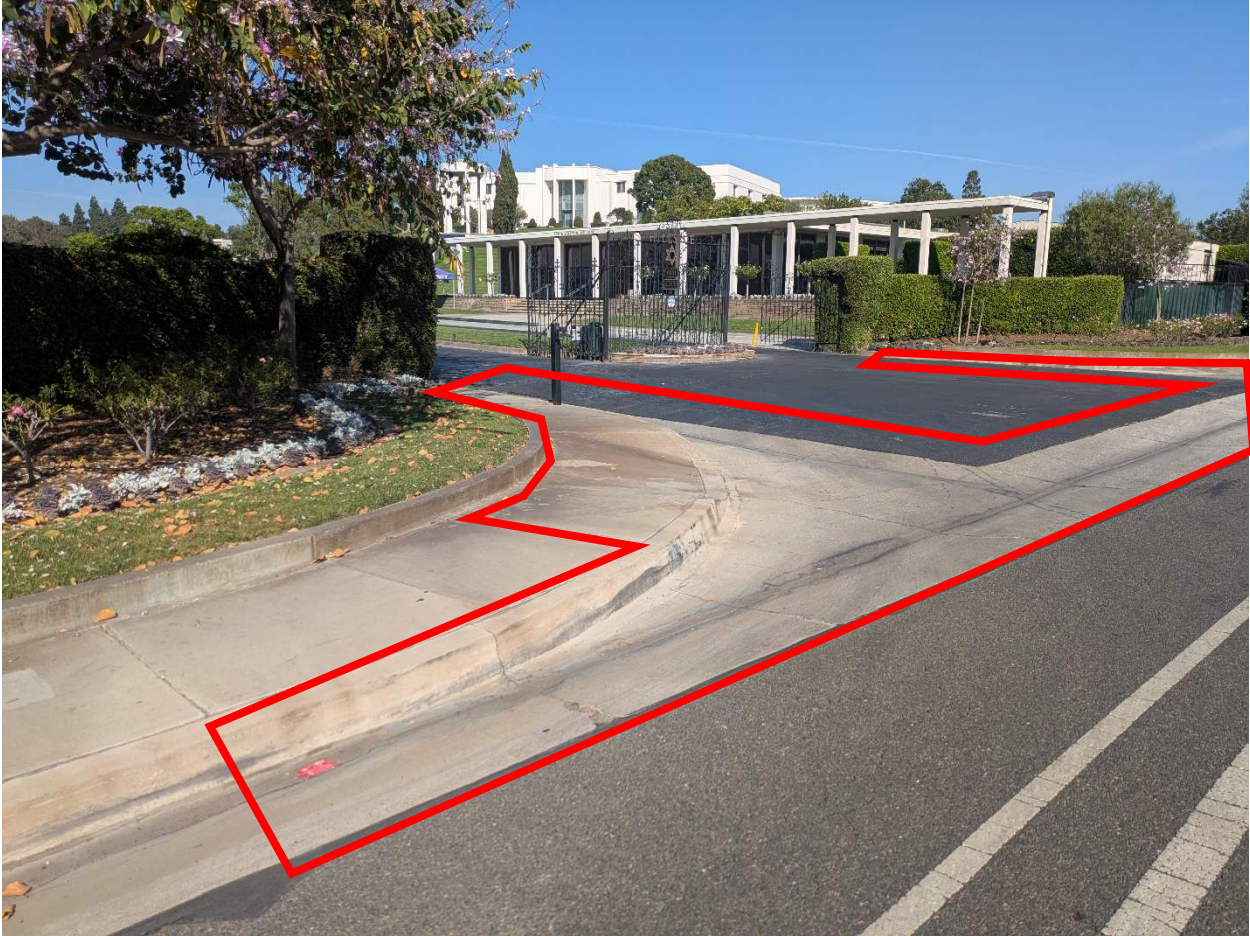
Appendix B – Hillside Cemetery Entrance Exhibit



Appendix B – Hillside Cemetery Entrance Exhibit



Appendix B – Hillside Cemetery Entrance Exhibit



Appendix B – Hillside Cemetery Entrance Exhibit



Appendix B – Hillside Cemetery Entrance Exhibit



Appendix B – Hillside Cemetery Entrance Exhibit



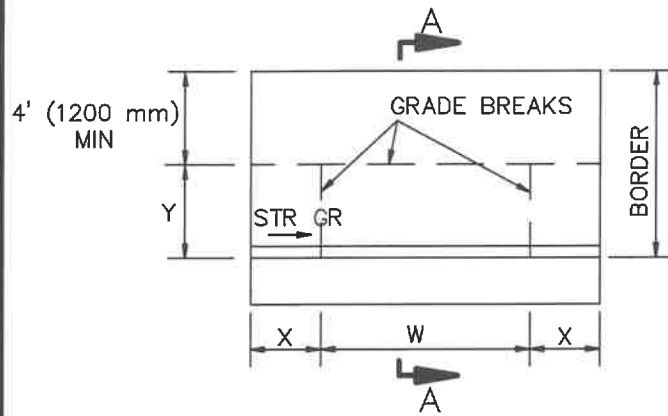
Appendix B – Hillside Cemetery Entrance Exhibit



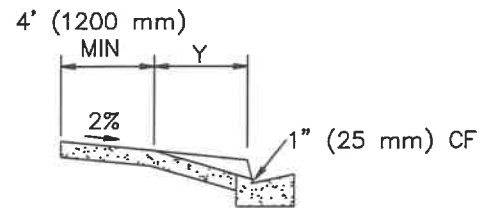
APPENDIX C

Construction Standard Details

NOT FOR BID

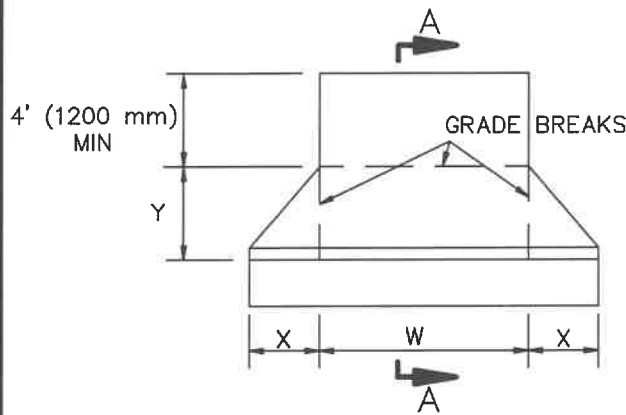


TYPE A

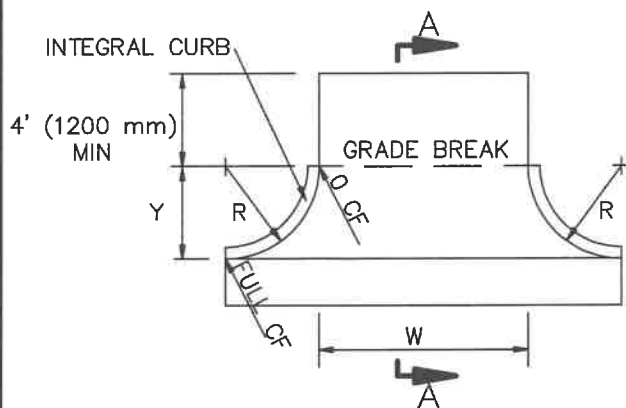


SECTION A-A

CURB FACE, inches (mm)	X, inches (mm)	Y, inches (mm)
6" (150) or less	3'-0" (900)	4'-0" (1200)
7" (175)	3'-6" (1050)	4'-9" (1425)
8" (200)	4'-0" (1200)	5'-8" (1700)
9" (225)	4'-6" (1350)	6'-6" (1950)
10" (250)	5'-0" (1500)	7'-3" (2175)
11" (275)	5'-6" (1650)	8'-0" (2400)
12" (300) or more	6'-0" (1800)	8'-9" (2625)



TYPE B



TYPE C

NOTES:

1. RESIDENTIAL DRIVEWAYS SHALL BE 4" (100 mm) THICK PCC.
2. COMMERCIAL DRIVEWAYS SHALL BE 6" (150 mm) THICK PCC.
3. WEAKENED PLANE JOINTS SHALL BE INSTALLED AT BOTH SIDES OF A DRIVEWAY AND AT 10' (3.0 m) INTERVALS.
4. CURB FOR TYPE C DRIVEWAY SHALL BE INTEGRAL AND MATCH ADJACENT CONSTRUCTION.
5. REFER TO LOCAL DEVELOPMENT REGULATIONS FOR AMERICANS WITH DISABILITIES ACCESS REQUIREMENTS AND MAXIMUM PERMITTED DRIVEWAY WIDTHS.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1984
REV. 1996, 2009

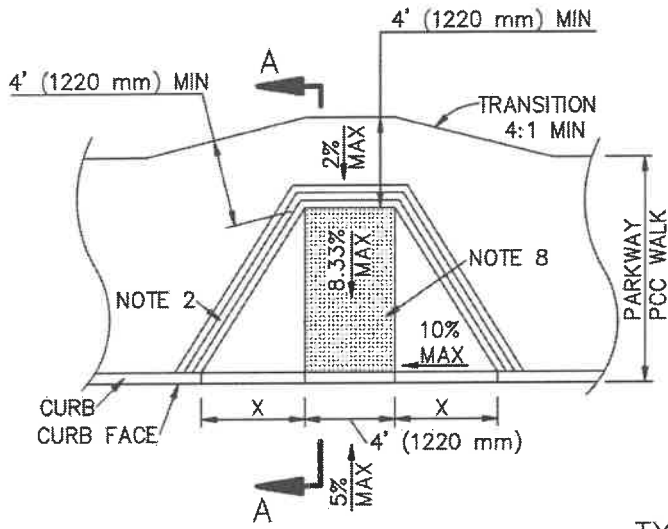
DRIVEWAY APPROACHES

STANDARD PLAN

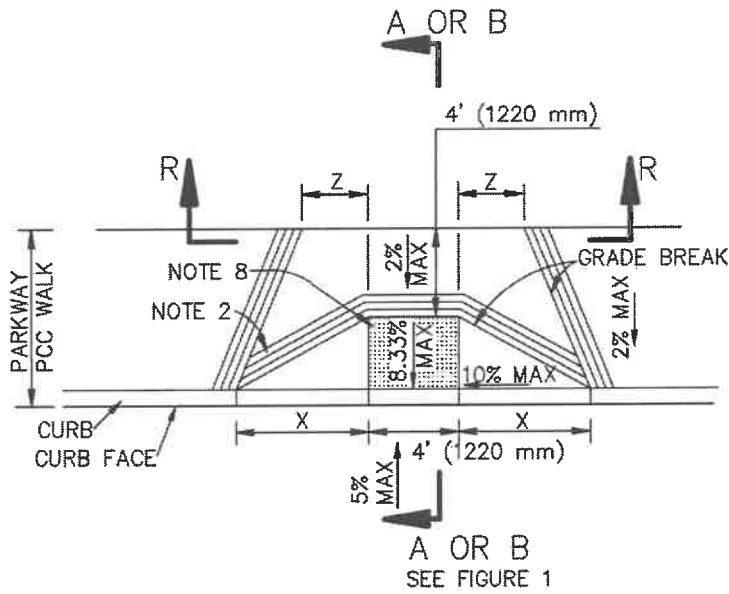
110-2

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

SHEET 1 OF 1



TYPE 1

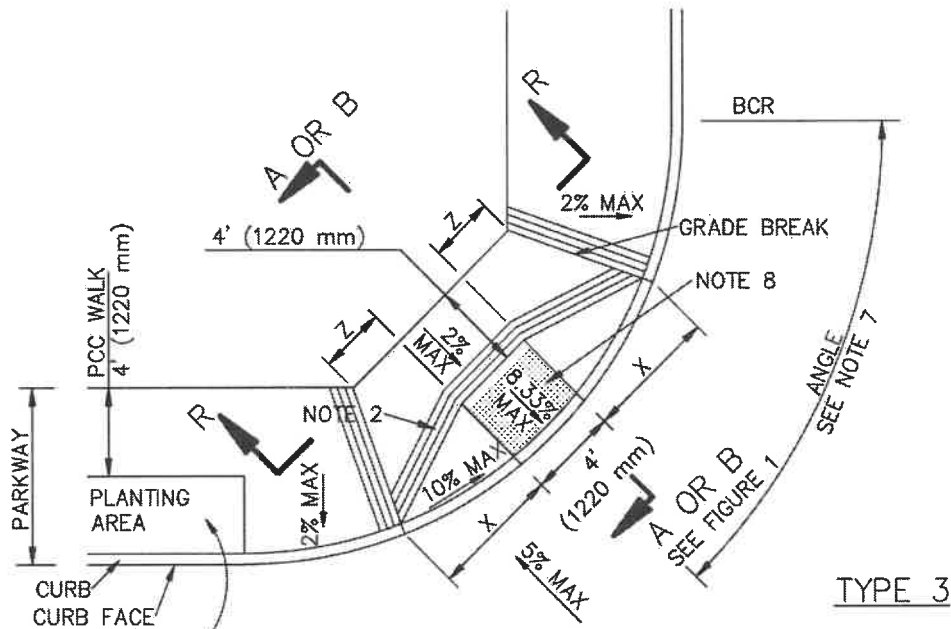


TYPE 2

CASE A

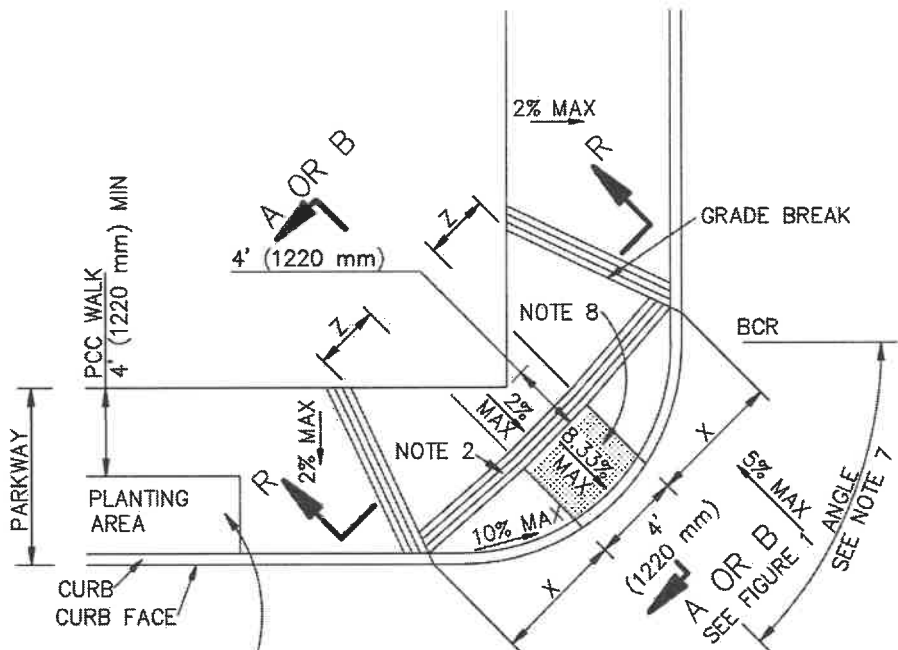
PARTS OF THIS STANDARD PLAN SHOW INSTALLATION FOR TYPICAL RETROFIT CONDITIONS, AND ARE NOT FULLY COMPLIANT WITH CALIFORNIA BUILDING CODE REQUIREMENTS FOR NEW DEVELOPMENT.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION		
PROMULGATED BY THE PUBLIC WORKS STANDARDS INC. GREENBOOK COMMITTEE 1992 REV. 1996, 2000, 2005, 2009, 2013	<h2 style="margin: 0;">CURB RAMP</h2>	STANDARD PLAN <h1 style="margin: 0;">111-5</h1> SHEET 1 OF 10
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION		



WHERE PLANTING AREA IS ADJACENT TO THE CURB RAMP, USE CASE A, TYPE 6

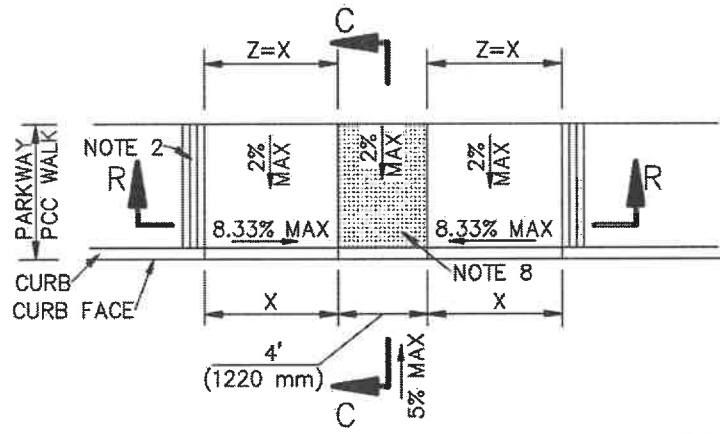
TYPE 3



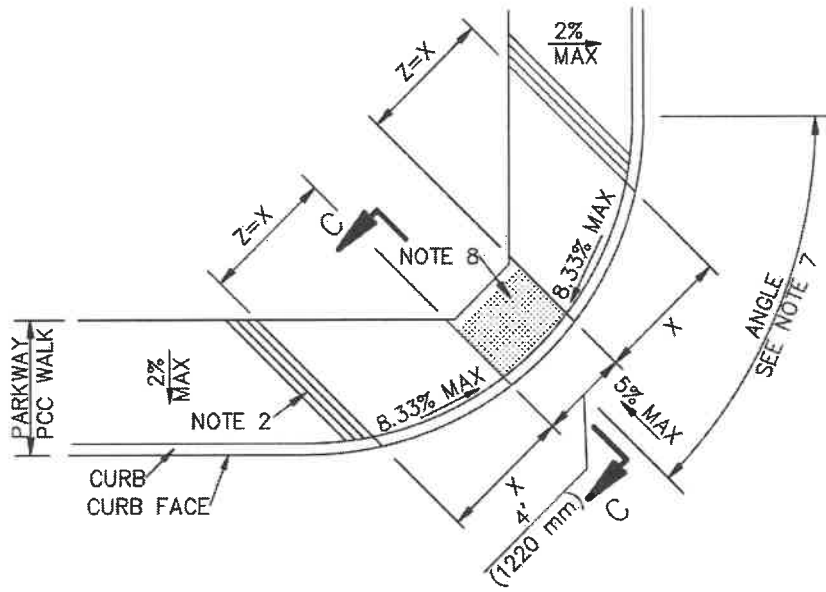
WHERE PLANTING AREA IS ADJACENT TO THE CURB RAMP, USE CASE A, TYPE 6

TYPE 4

CASE A



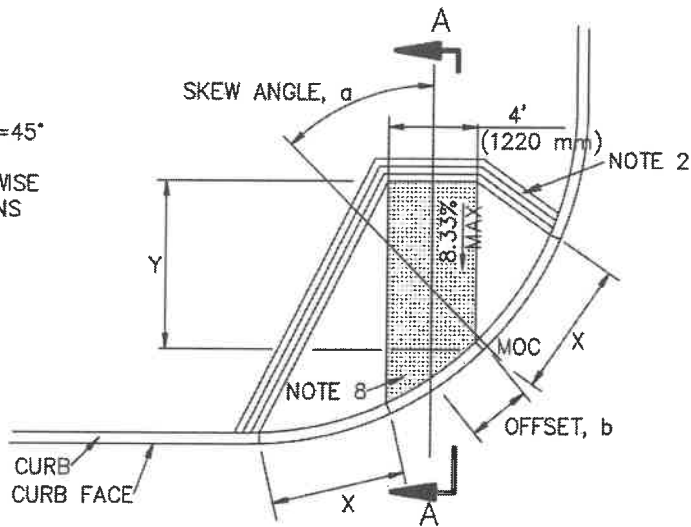
TYPE 1



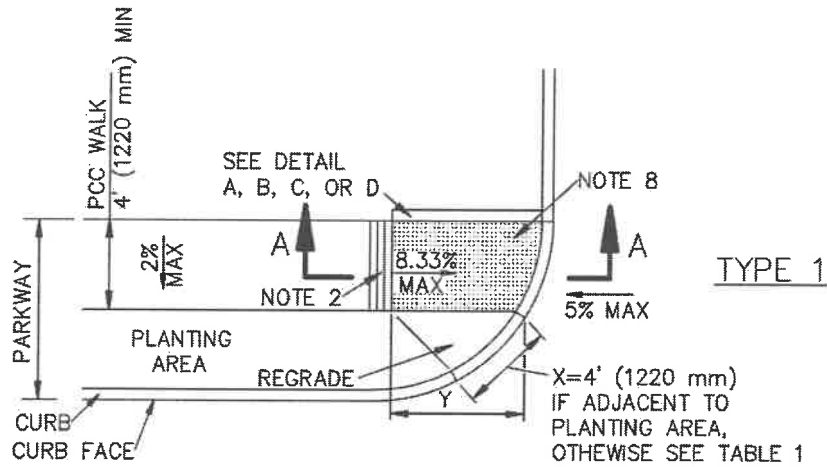
TYPE 2

CASE B

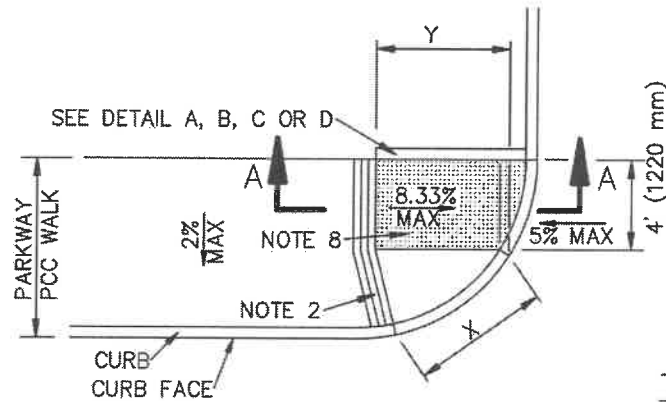
SKEW ANGLE $\alpha=45^\circ$
 OFFSET $b=0$
 UNLESS OTHERWISE
 NOTED ON PLANS



CASE C

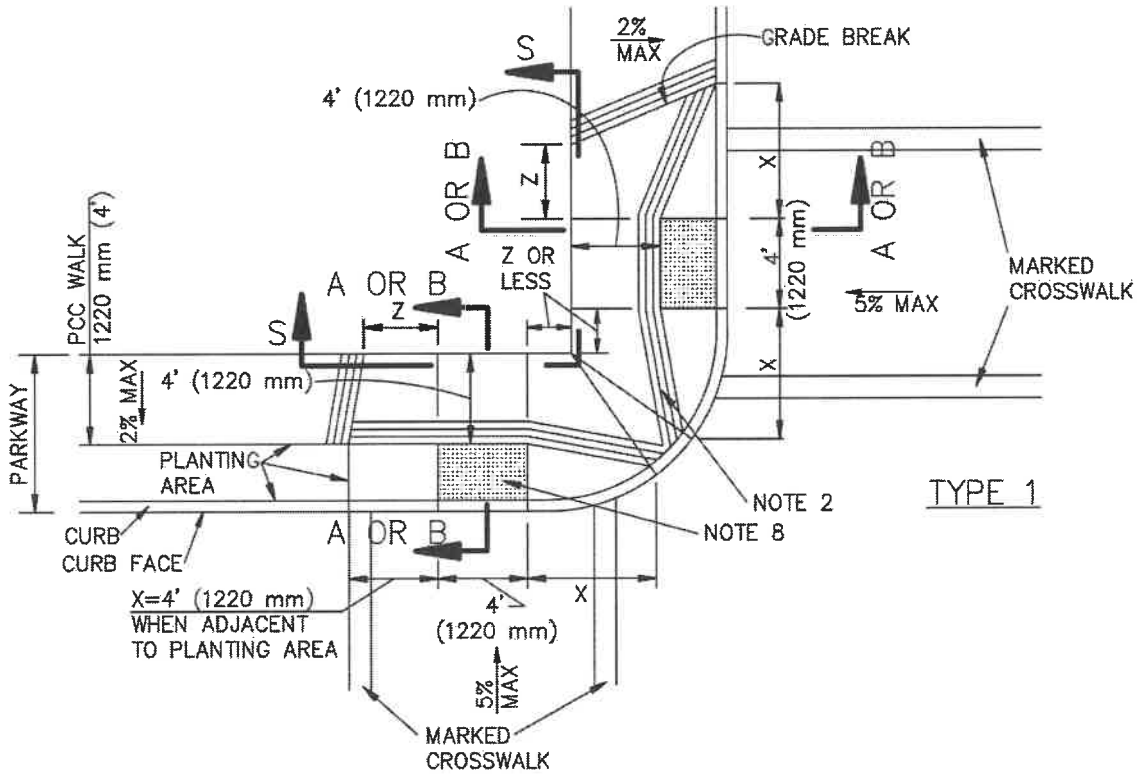


TYPE 1

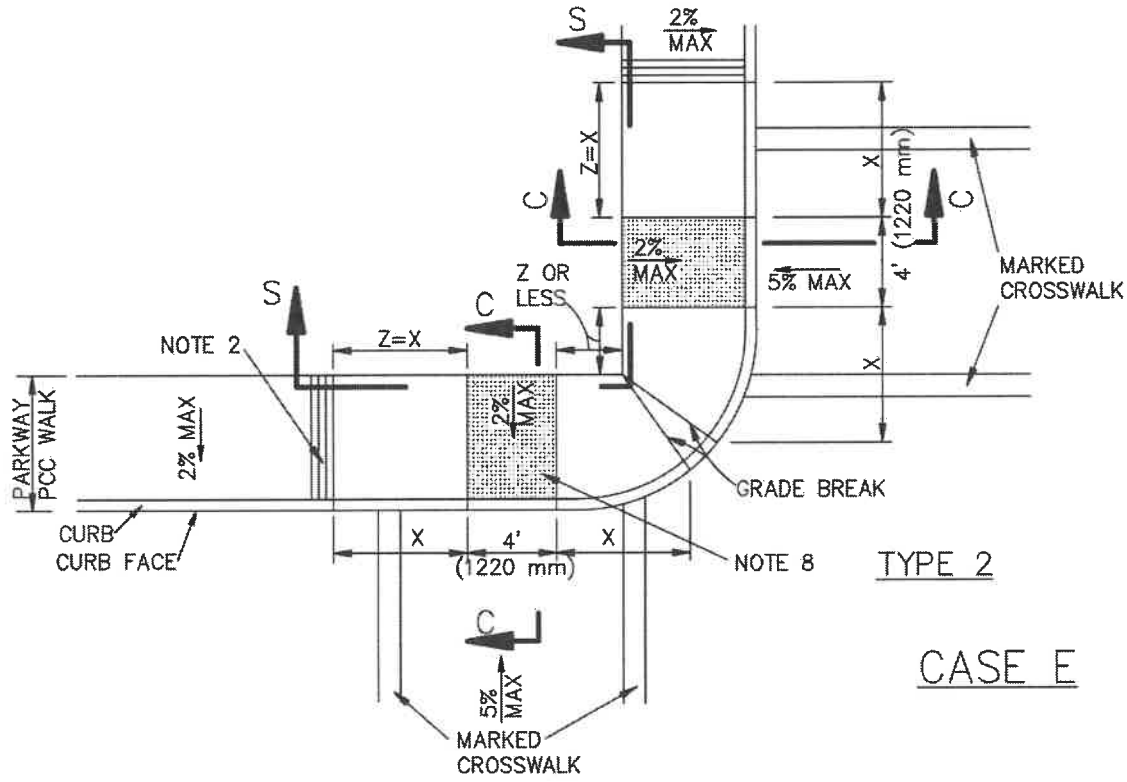


TYPE 2

CASE D

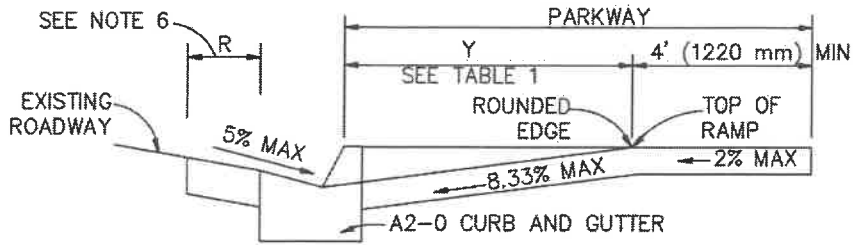


TYPE 1



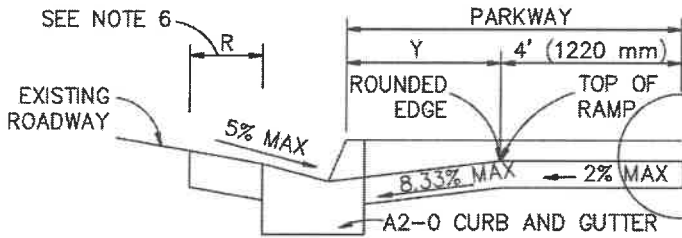
TYPE 2

CASE E



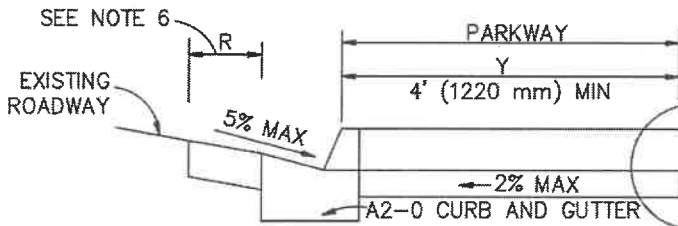
SECTION A-A

USE FIGURE 1 TO DETERMINE WHICH OF SECTIONS A-A, B-B OR C-C IS APPROPRIATE.



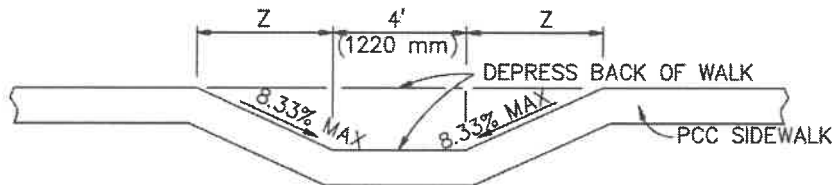
SECTION B-B

DEPRESS BACK OF WALK SEE DETAIL A, B, C OR D, SHEET 10.

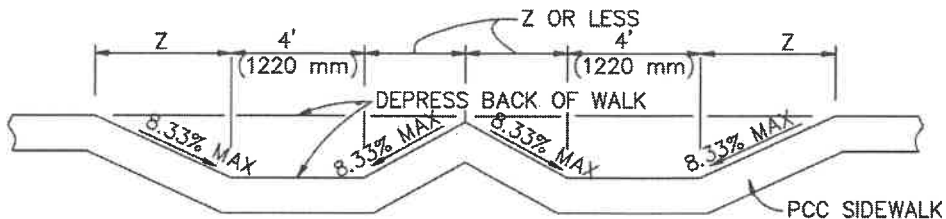


SECTION C-C

DEPRESS BACK OF WALK SEE DETAIL A, B, C OR D, SHEET 10.



SECTION R-R



SECTION S-S

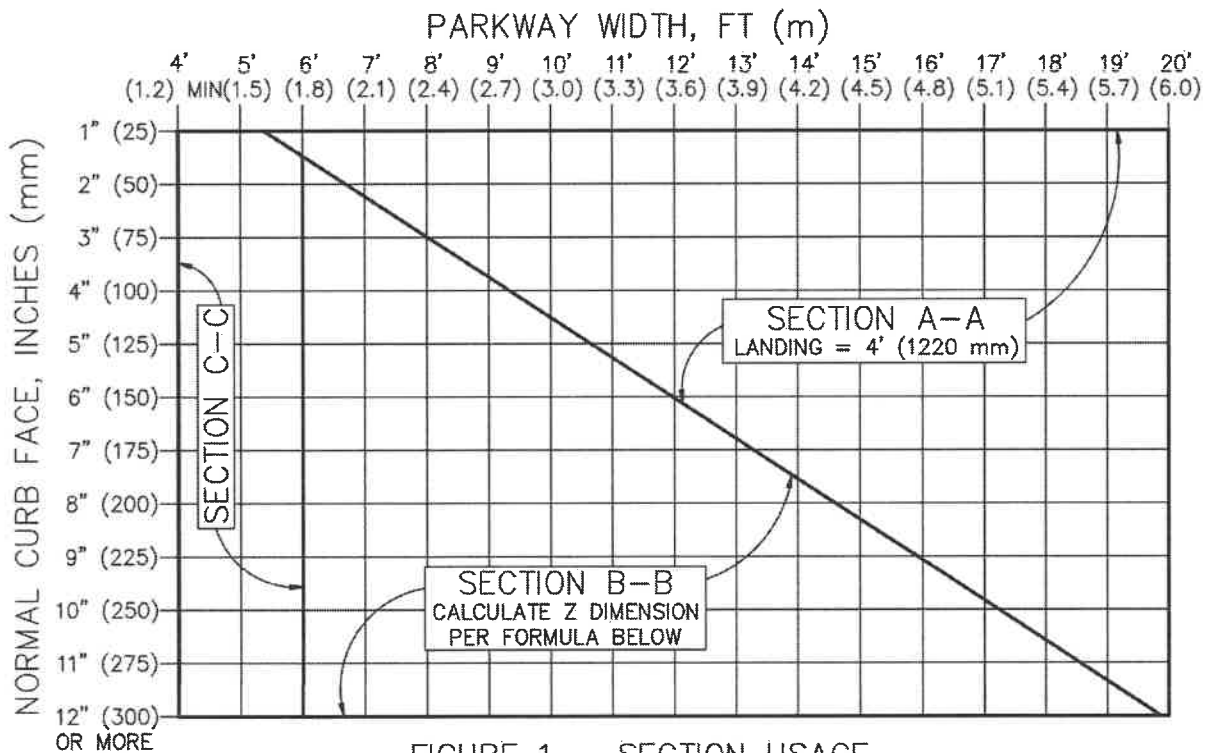


FIGURE 1 - SECTION USAGE

NORMAL CURB FACE, INCHES (mm)	X, FT (mm)	SECTION Y-Y Y, FT (mm)
2" (50)	4.00' (1220) MIN	2.63' (790)
3" (75)	4.00' (1220) MIN	3.95' (1185)
4" (100)	4.00' (1220) MIN	5.26' (1580)
5" (125)	4.17' (1275)	6.58' (1975)
6" (150)	5.00' (1525)	7.90' (2370)
7" (175)	5.83' (1775)	9.21' (2765)
8" (200)	6.67' (2035)	10.53' (3160)
9" (225)	7.50' (2285)	11.84' (3555)
10" (250)	8.33' (2540)	13.16' (3950)
11" (275)	9.17' (2795)	14.47' (4340)
12" (300)	10.00' (3050)	15.79' (4735)

WHERE FIGURE 1 SHOWS USE OF SECTION B-B, FIGURE Z DIMENSION AS FOLLOWS:

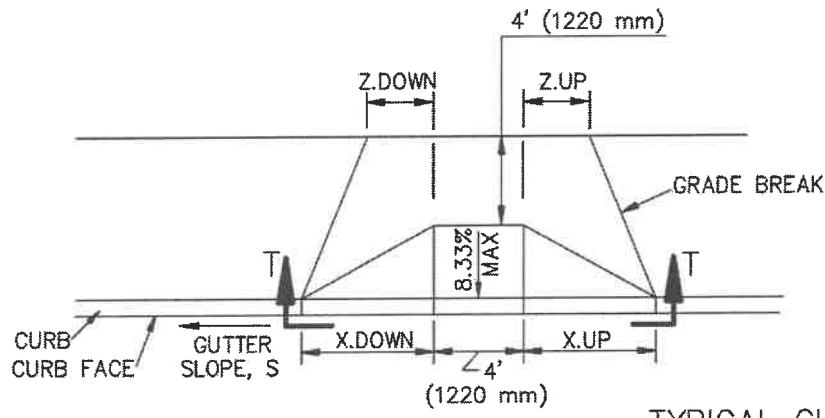
W = PARKWAY WIDTH
 L = LANDING WIDTH, 4' (1220 mm) TYP
 $Z = [(Y+L)-W] \times 0.760$

IF $(Y+L) < W$, THEN $Z = 0$

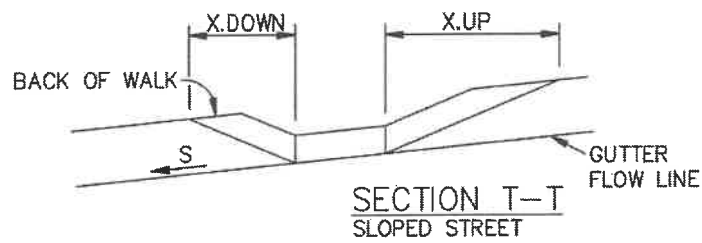
SEE SHEET 9 FOR STREET SLOPE
 ADJUSTMENT FACTORS, ALL STREETS

TABLE 1 - X AND Y VALUES

TABLE 1 REFERENCE FORMULAS:
 $X = CF / 8.333\%$
 $Y = CF / (8.333\% - 2\% \text{ WALK CROSS SLOPE})$



TYPICAL CURB RAMP



FOR SLOPED STREETS, MULTIPLY THE DIMENSIONS PARALLEL TO THE STREET, X AND Z, UPSTREAM AND DOWNSTREAM OF THE RAMP, BY THE FACTORS IN THE FOLLOWING TABLE.

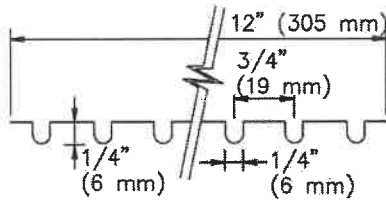
FOR EXAMPLE, $X.DOWN = X \times K.DOWN$

S	K.DOWN	K.UP
0%	1.000	1.000
0.2%	0.977	1.025
0.5%	0.943	1.064
1%	0.893	1.136
2%	0.806	1.316
3%	0.735	1.563
4%	0.676	1.923
5%	0.625	2.500

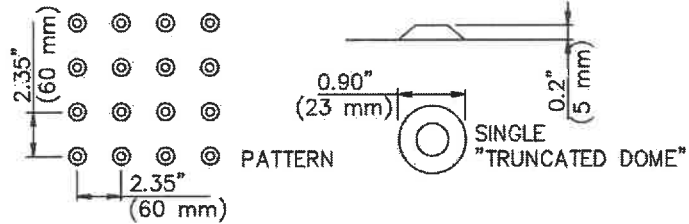
TABLE 2 - SLOPE ADJUSTMENTS

TABLE 2 REFERENCE FORMULAS:
 $K.DOWN = 8.333\% / (8.333\% + S)$
 $K.UP = 8.333\% / (8.333\% - S)$

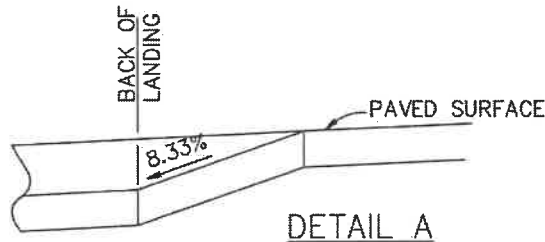
STREET SLOPE ADJUSTMENTS



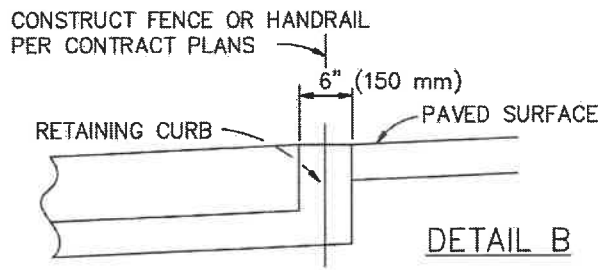
GROOVING DETAIL



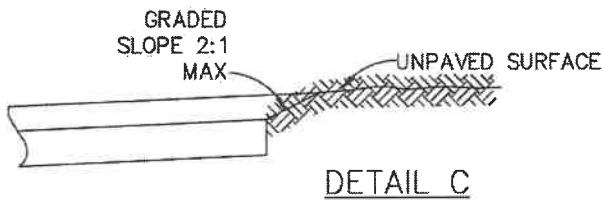
DETECTABLE WARNING DETAIL



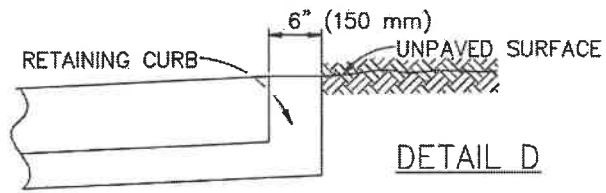
DETAIL A



DETAIL B



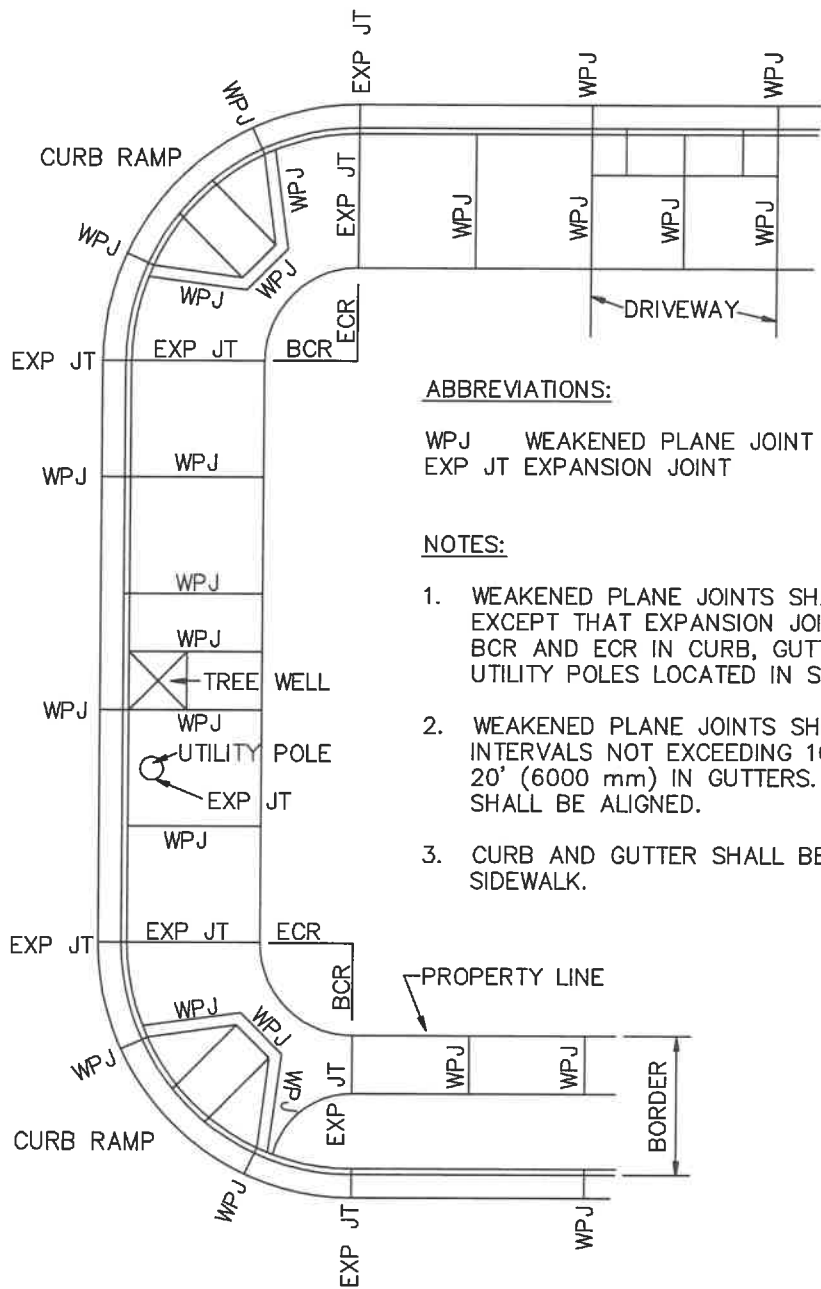
DETAIL C



DETAIL D

GENERAL NOTES:

1. CONCRETE SHALL BE CLASS 520-C-2500 (310-C-17) CONFORMING TO SSPWC 201-1.1.2 AND SHALL BE 4" (100 mm) THICK.
2. THE RAMP SHALL HAVE A 12" (305 mm) WIDE BORDER WITH 1/4" (6 mm) GROOVES APPROXIMATELY 3/4" (19 mm) OC. SEE GROOVING DETAIL.
3. THE RAMP SURFACE SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE CONFORMING TO SSPWC 303-1.9.
4. USE DETAIL "A" OR "B" IF EXISTING SURFACE BEHIND LANDING IS PAVED.
5. USE DETAIL "C" OR "D" IF EXISTING SURFACE BEHIND LANDING IS UNPAVED.
6. R = 3' (900 mm) UNLESS OTHERWISE SHOWN ON PLAN. SEE SHEET 7.
7. ANGLE = $\Delta/2$ UNLESS OTHERWISE SHOWN ON PLAN.
8. CONSTRUCT DETECTABLE WARNING SURFACE PER DETAIL THIS SHEET. MATERIALS SHALL BE PER CONTRACT DOCUMENTS.



ABBREVIATIONS:

WPJ WEAKENED PLANE JOINT BCR BEGINNING OF CURB RETURN
 EXP JT EXPANSION JOINT ECR END OF CURB RETURN

NOTES:

1. WEAKENED PLANE JOINTS SHALL BE USED FOR ALL JOINTS, EXCEPT THAT EXPANSION JOINTS SHALL BE PLACED AT THE BCR AND ECR IN CURB, GUTTER AND SIDEWALK, AND AROUND UTILITY POLES LOCATED IN SIDEWALK AREAS.
2. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT REGULAR INTERVALS NOT EXCEEDING 10' (3000 mm) IN WALKS AND 20' (6000 mm) IN GUTTERS. JOINTS IN CURB AND WALK SHALL BE ALIGNED.
3. CURB AND GUTTER SHALL BE CONSTRUCTED SEPARATELY FROM SIDEWALK.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
 PUBLIC WORKS STANDARDS INC.
 GREENBOOK COMMITTEE
 1984
 REV. 1996, 2009

CURB AND SIDEWALK JOINTS

STANDARD PLAN

112-2

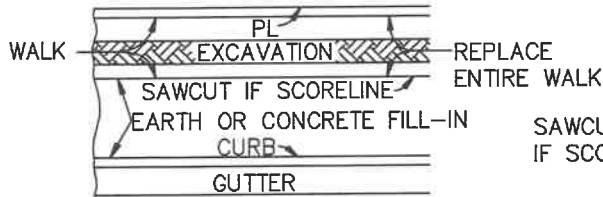
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

SHEET 1 OF 1

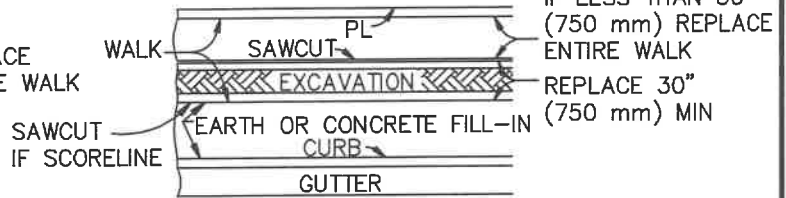
WALK OR FILL-IN REPLACEMENT FOR EXCAVATIONS MADE PARALLEL TO CURB OR PROPERTY LINE

WALK ADJACENT TO PROPERTY LINE

WALK LESS THAN 5' (1500 mm) WIDE

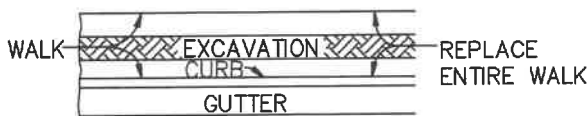


WALK 5' (1500 mm) WIDE OR MORE

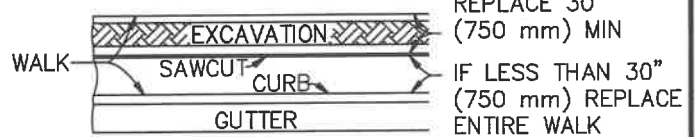


WALK ADJACENT TO CURB

WALK LESS THAN 5' (1500 mm) WIDE

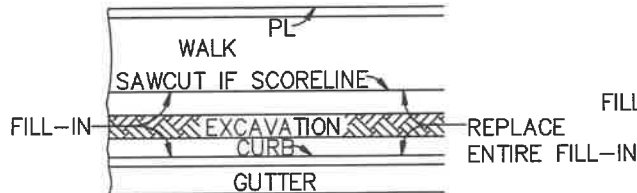


WALK 5' (1500 mm) WIDE OR MORE

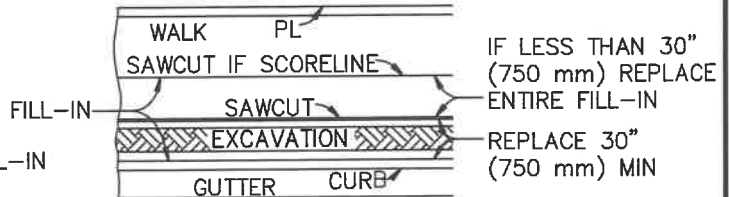


FILL-IN REPLACEMENT

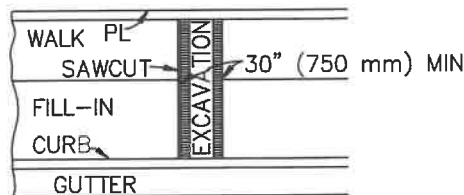
FILL-IN LESS THAN 5' (1500 mm) WIDE



FILL-IN 5' (1500 mm) WIDE OR MORE



WALK OR FILL-IN REPLACEMENT FOR EXCAVATIONS MADE NORMAL TO CURB OR PROPERTY LINE



THESE REQUIREMENTS ALSO APPLY TO ENDS OF PARALLEL EXCAVATIONS.

IF AN EXCAVATION FALLS WITHIN 30" (750 mm) OF AN EXPANSION JOINT, CONSTRUCTION JOINT, WEAKENED PLANE JOINT, OR EDGE, THE CONCRETE SHALL BE REMOVED AND REPLACED TO THE JOINT OR EDGE.

IF AN EXCAVATION FALLS WITHIN 12" (300 mm) OF A SCORELINE, THE CONCRETE SHALL BE REMOVED AND REPLACED TO THE SCORELINE. THE SCORELINE SHALL BE SAWCUT BEFORE CONCRETE REMOVAL.

THE MINIMUM LENGTH OF REPLACEMENT IN BOTH CASES SHALL BE 30" (750 mm).

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1993
REV. 1996, 2009

SIDEWALK & DRIVEWAY REPLACEMENT

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

113-2

SHEET 1 OF 2

NOTES

1. CONCRETE WALK, FILL-IN AND DRIVEWAYS REMOVED IN CONNECTION WITH CONSTRUCTION SHALL BE REPLACED TO NEATLY SAWED EDGES. ALL CUTS SHALL BE PARALLEL TO OR PERPENDICULAR TO THE CURB; ON CURVES, THE CUT SHALL BE RADIAL TO THE CURB.
2. DRIVEWAY APRONS IN WHICH THE "W" DISTANCE IS LESS THAN 11' (3300 mm) SHALL BE REPLACED IN THEIR ENTIRETY IF CUT IN ANY AREA.
3. DRIVEWAY APRONS IN WHICH THE "W" DISTANCE IS 11' (3300 mm) OR MORE MAY BE CUT WITHIN THE "W" SECTION. THE MINIMUM REPLACEMENT SHALL BE 30" (750 mm) IN LENGTH. THE MINIMUM DISTANCE ALLOWED BETWEEN SUCH CUTS SHALL BE 14' (4200 mm).
4. DRIVEWAY APRONS IN WHICH THE "W" DISTANCE IS 11' (3300 mm) OR MORE MAY BE CUT IN THE "X" OR "R" SECTION. REPLACEMENT SHALL BE THE ENTIRE "X" OR "R" SECTION.
5. DRIVEWAY APRONS SHALL BE REPLACED FROM THE BACK OF THE CURB TO THE FRONT EDGE OF THE WALK, EXCEPT, WHERE WALK IS ADJACENT TO CURB, REPLACEMENT SHALL BE FROM BACK OF CURB TO BACK OF WALK.
6. WALK PORTIONS OF DRIVEWAYS SHALL BE REPLACED AS SHOWN ABOVE FOR EXCAVATIONS MADE PARALLEL OR NORMAL TO CURB.
7. REPLACEMENT OF THE "X" OR "R" SECTION SHALL MATCH EXISTING CONSTRUCTION.

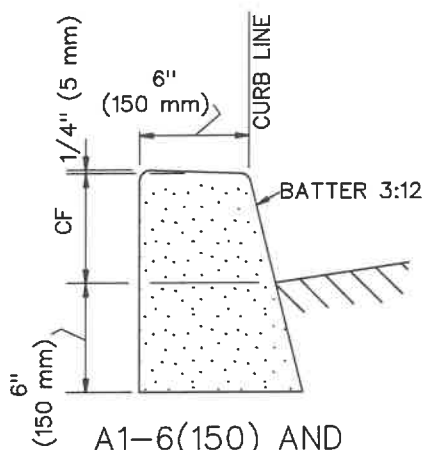
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

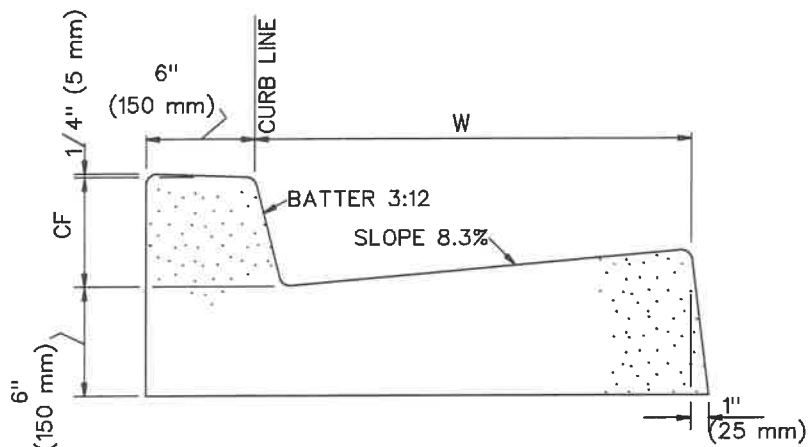
SIDEWALK & DRIVEWAY REPLACEMENT

113-2

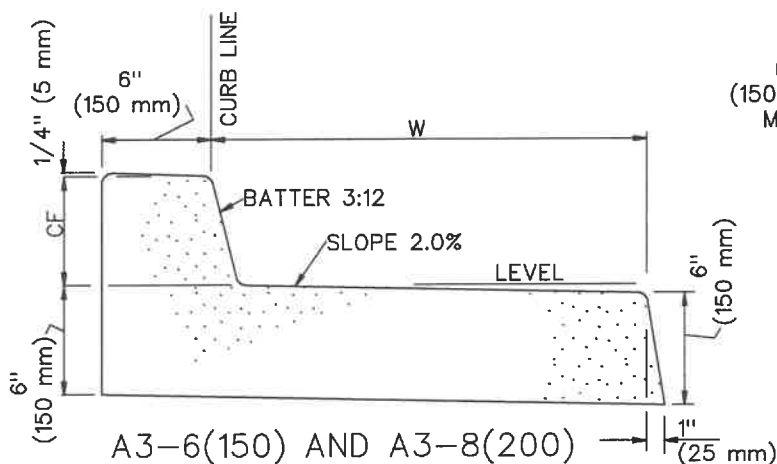
SHEET 2 OF 2



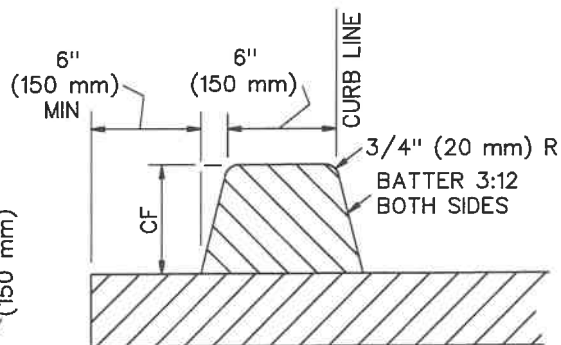
A1-6(150) AND
A1-8(200)



A2-6(150) AND A2-8(200)



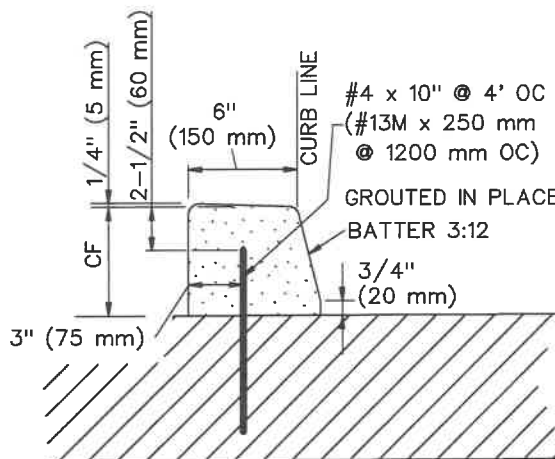
A3-6(150) AND A3-8(200)



D1-6(150) AND
D1-8(200)

NOTES:

1. THE LAST NUMBER IN THE DESIGNATION IS THE CURB FACE (CF) HEIGHT, INCHES (MM). IF SHOWN AS 'VAR' THE CURB FACE VARIES.
2. GUTTER WIDTH, W, IS 24" (600 mm) UNLESS OTHERWISE SPECIFIED.
3. TYPES A1, A2, A3 AND C1 SHALL BE CONSTRUCTED OF CONCRETE.
4. TYPE D1 CURB SHALL BE CONSTRUCTED OF ASPHALT CONCRETE.
5. TYPE C1 CURB SHALL BE ANCHORED WITH STEEL DOWELS AS SHOWN OR WITH AN EPOXY APPROVED BY THE ENGINEER.
6. ALL EXPOSED CORNERS ON CONCRETE CURBS AND GUTTERS SHALL BE ROUNDED WITH A 1/2" (15 mm) RADIUS.



C1-6(150) AND C1-8(200)

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1984
REV. 1986, 2009, 2021

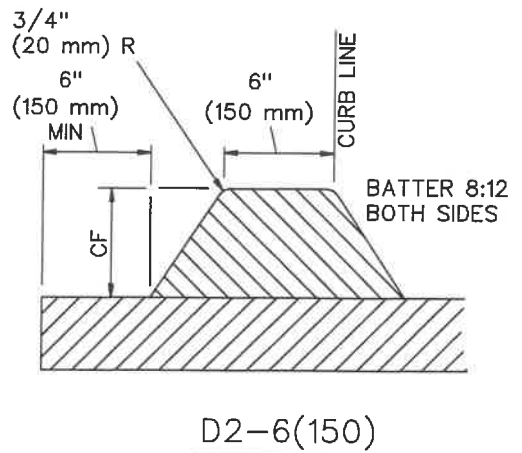
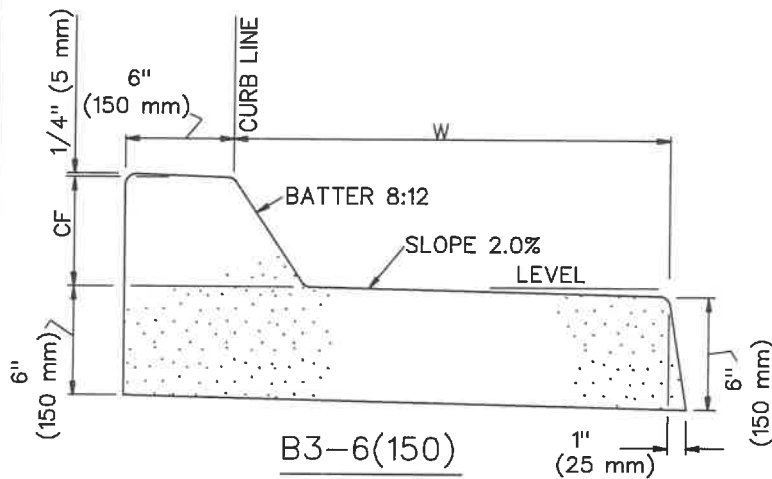
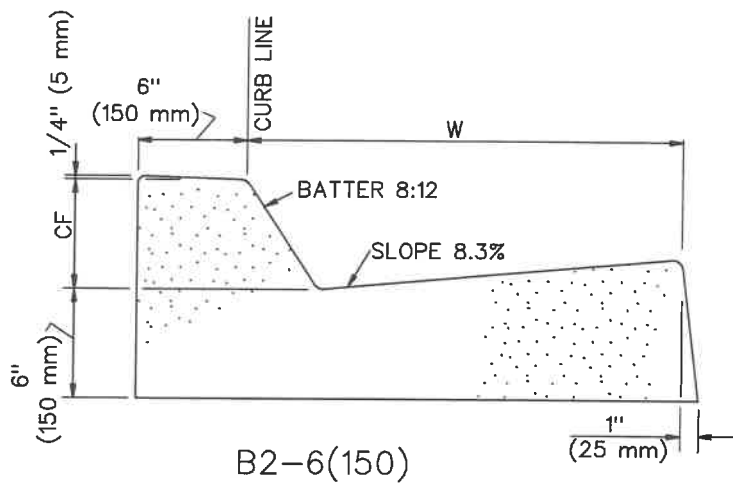
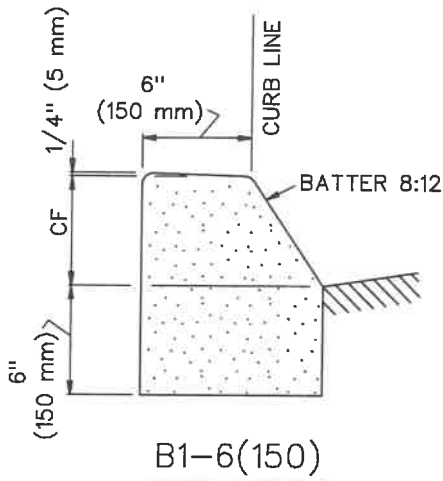
CURB AND GUTTER – BARRIER

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

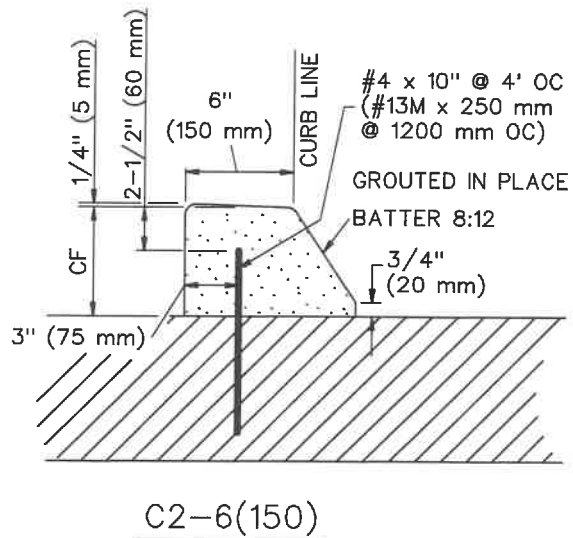
120-3

SHEET 1 OF 1



NOTES:

1. THE LAST NUMBER IN THE DESIGNATION IS THE CURB FACE (CF) HEIGHT, INCHES (mm). IF SHOWN AS 'VAR', THE CURB FACE VARIES.
2. GUTTER WIDTH, W, IS 24" (600 mm) UNLESS OTHERWISE SPECIFIED.
3. TYPES B1, B2, B3 AND C2 SHALL BE CONSTRUCTED OF CONCRETE.
4. TYPE D2 CURB SHALL BE CONSTRUCTED OF ASPHALT CONCRETE.
5. TYPE C2 CURB SHALL BE ANCHORED WITH STEEL DOWELS AS SHOWN OR WITH AN EPOXY APPROVED BY THE ENGINEER.
6. ALL EXPOSED CORNERS ON CONCRETE CURBS AND GUTTERS SHALL BE ROUNDED WITH A 1/2" (15 mm) RADIUS.



STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

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GREENBOOK COMMITTEE
1984
REV. 1996, 2009, 2021

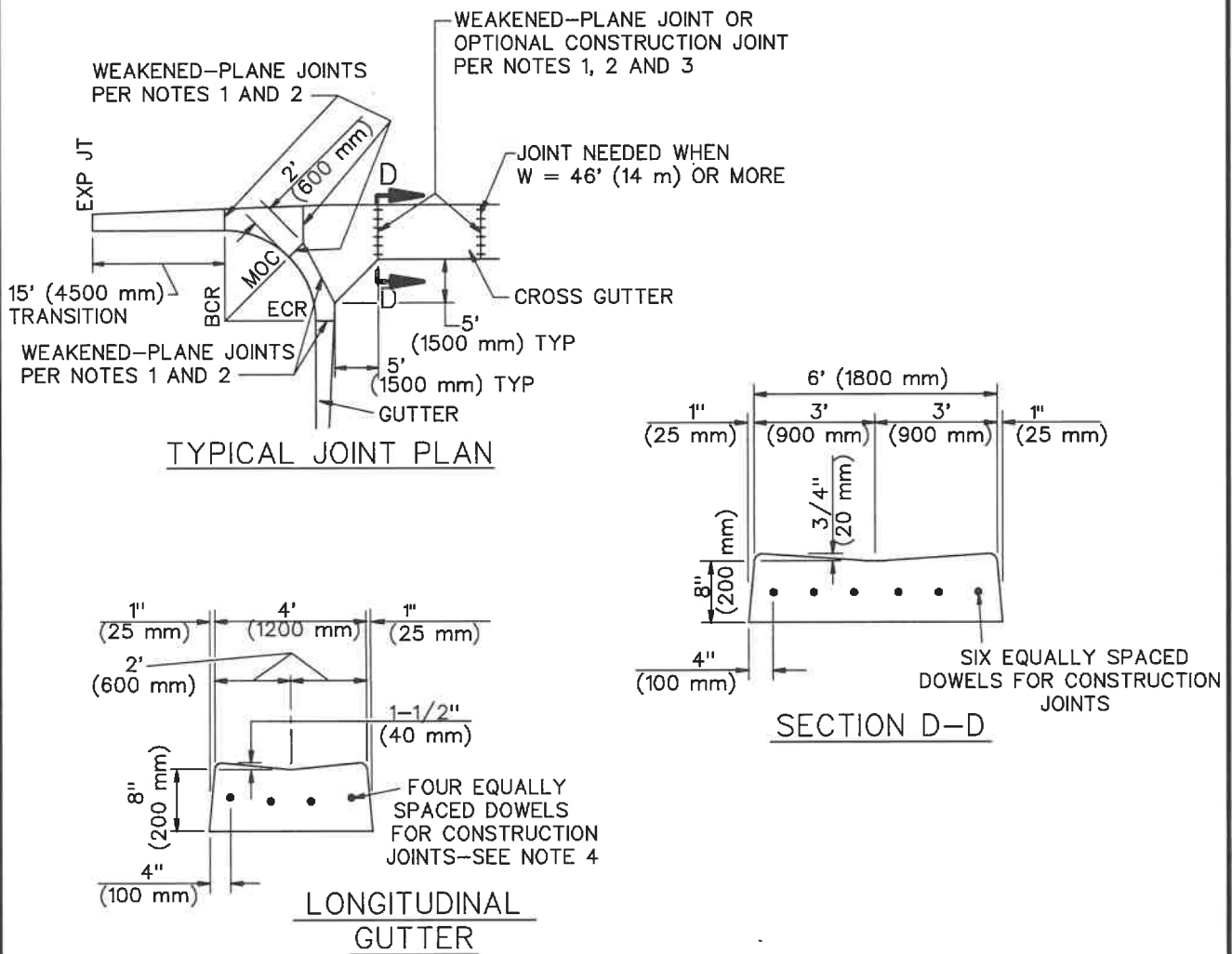
CURB AND GUTTER - MOUNTABLE

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

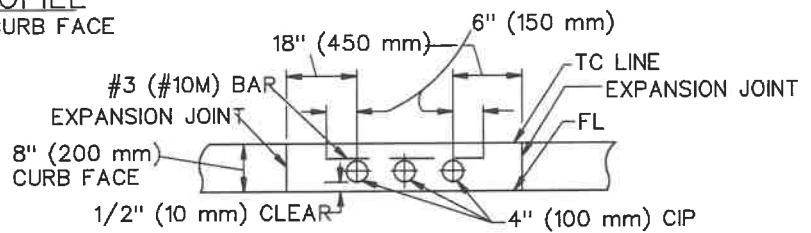
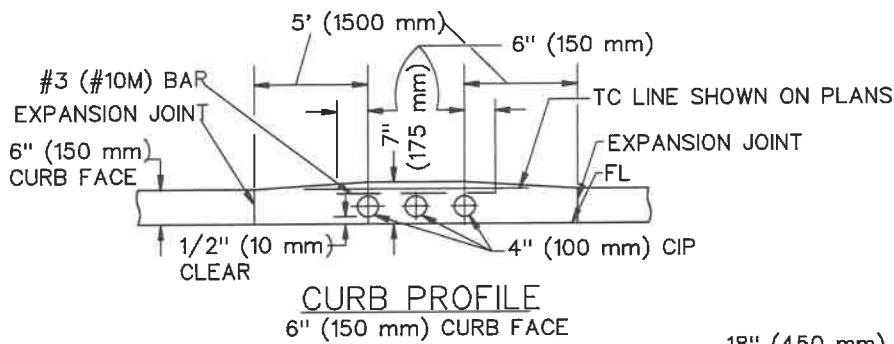
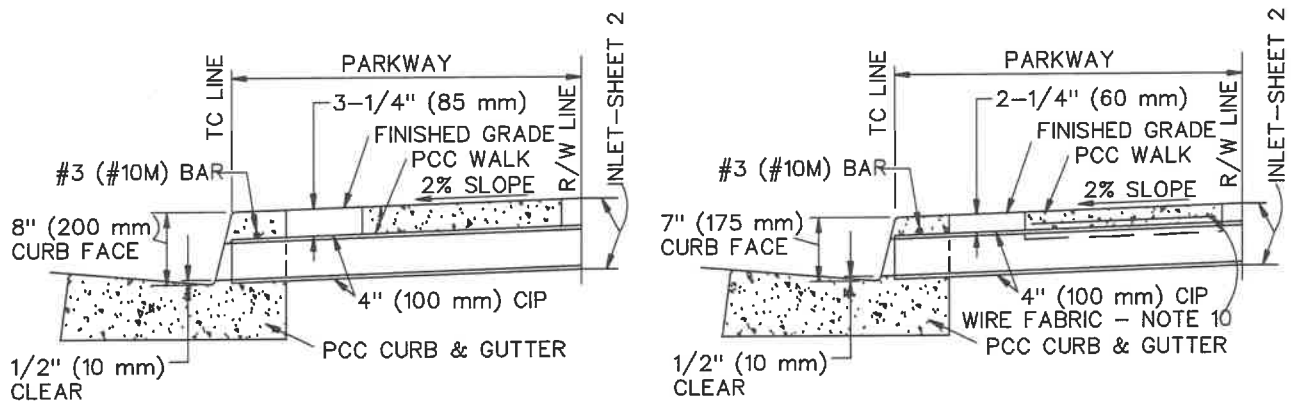
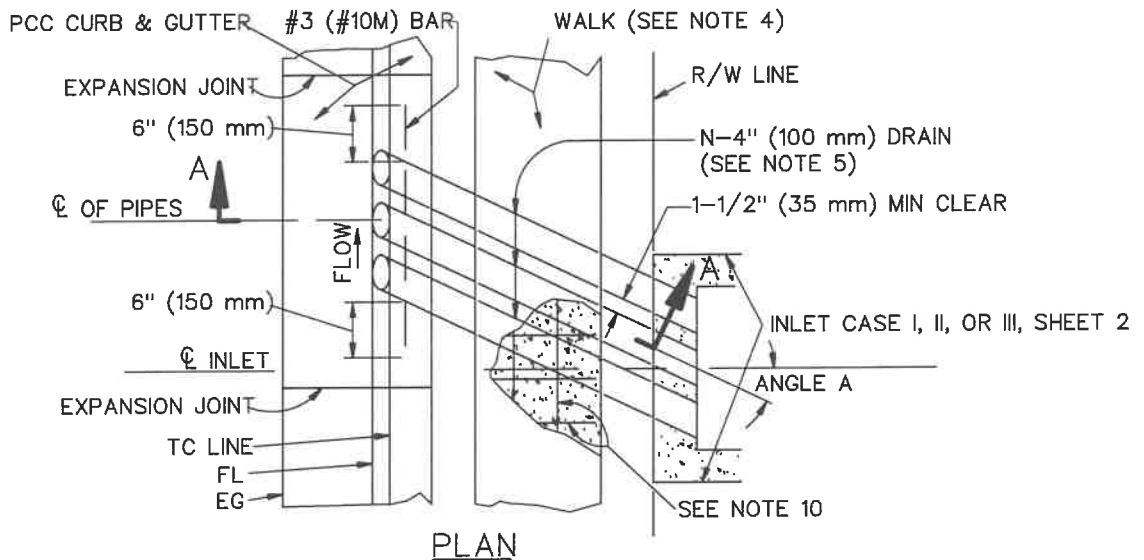
121-3

SHEET 1 OF 1



NOTES:

1. WEAKENED-PLANE AND/OR CONSTRUCTION JOINTS SHALL BE PLACED IN CURB AND GUTTER AT LOCATIONS SHOWN ON THE TYPICAL JOINT PLAN HEREON.
2. WEAKENED-PLANE JOINTS SHALL BE PLASTIC CONTROL JOINTS OR 1-1/2" (40 mm) DEEP SAW CUTS. CONCRETE SAWING SHALL TAKE PLACE WITHIN 24 HOURS AFTER CONCRETE IS PLACED.
3. DOWELS FOR CONSTRUCTION JOINTS SHALL BE #4 BARS 18" LONG (#13M BARS 450 mm LONG).
4. PLACE A WEAKENED-PLANE OR CONSTRUCTION JOINT WHERE LONGITUDINAL ALLEY GUTTER JOINS CONCRETE ALLEY INTERSECTION.
5. ALL EXPOSED CORNERS ON PCC CURBS AND GUTTERS SHALL BE ROUNDED WITH 1/2" (15 mm) RADIUS.
6. CONCRETE SHALL BE INTEGRAL WITH CURB UNLESS OTHERWISE SPECIFIED.
7. ADJACENT TO CURB RAMPS, CONCRETE SLOPE SHALL BE 5% MAXIMUM FOR A DISTANCE OF 5 FEET (1525 mm) FROM THE CURB FACE FOR THE WIDTH OF THE WIDTH OF THE RAMP, NOT INCLUDING SIDE TRANSITION CURBS.



NOTE: PROFILES APPLY TO ANY NUMBER OF PIPES

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1984
REV. 1992, 1996, 2009, 2021

CURB DRAIN

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

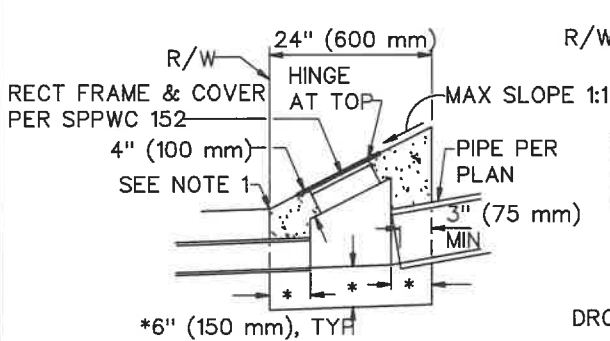
STANDARD PLAN

150-4

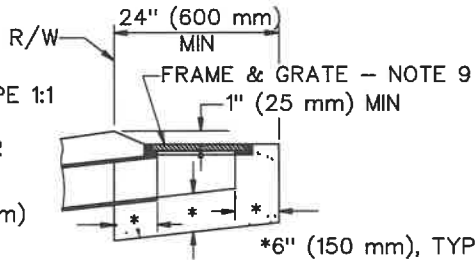
SHEET 1 OF 2

NOTES

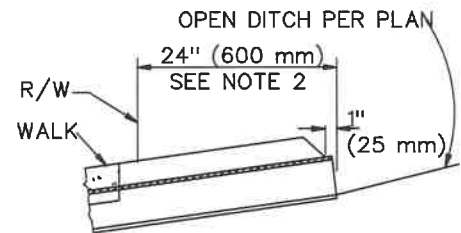
1. IF THE TOE OF SLOPE IS ALLOWED WITHIN THE R/W, CASE I INLET BEGINS AT THE TOE RATHER THAN THE R/W LINE.
2. FOR OPEN DITCH (CASE III INLET), THE 24" (600 mm) EXTENSION BEYOND THE R/W LINE IS NOT REQUIRED WHEN BACK OF WALK IS 24" (600 mm) OR MORE FROM THE R/W LINE; HOWEVER, PIPE SHALL EXTEND TO R/W LINE.
3. TOP OF INLET STRUCTURE (CASE I AND II) SHALL BE FLUSH WITH ADJACENT SURFACE WHERE PRACTICAL.
4. CONSTRUCT PCC WALK WHEN SPECIFIED ON PLAN.
5. "N" EQUALS NUMBER OF PIPES (MAXIMUM OF THREE) AS SPECIFIED ON PLAN.
6. INLET CASE TO BE SPECIFIED ON PLAN.
7. ANGLE A EQUALS 0°, UNLESS OTHERWISE SPECIFIED.
8. TYPE, DIMENSIONS AND ELEVATIONS OF PCC. CURB AND GUTTER PER PLAN.
9. UNLESS OTHERWISE SPECIFIED, FRAME AND GRATE FOR CASE II INLET SHALL BE GALVANIZED CAST IRON. WEIGHT OF FRAME AND GRATE SHALL BE 80 LBS (36 kg).
10. AT LOCATIONS WITH LESS THAN 8" (200 mm) CURB FACE, USE 6x6-W1.4xW1.4 (152x152-MW9.1xMW9.1) GALVANIZED WIRE FABRIC. WIRE FABRIC SHALL EXTEND 8" (200 mm) BEYOND THE EDGE OF CAST IRON PIPES.



CASE I INLET
TRANSITION STRUCTURE SECTION

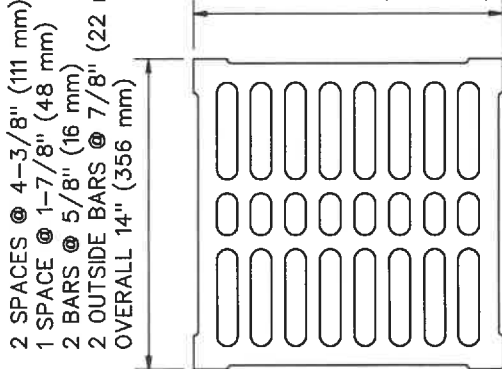


CASE II INLET
DROP INLET CATCH BASIN SECTION



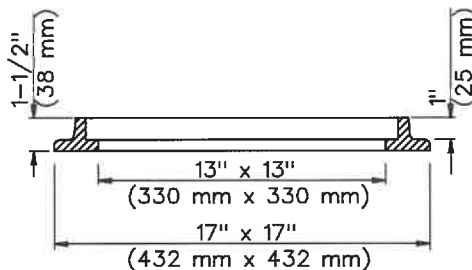
CASE III INLET
GRADED DITCH SECTION

8 SPACES @ 15/16" (24 mm)
7 BARS @ 5/8" (16 mm)
2 OUTSIDE BARS @ 7/8" (22 mm)
OVERALL 14" (356 mm)



TOP OF GRATE

OPEN AREA 52%



SECTION THRU FRAME

GRATE FOR CASE II INLET

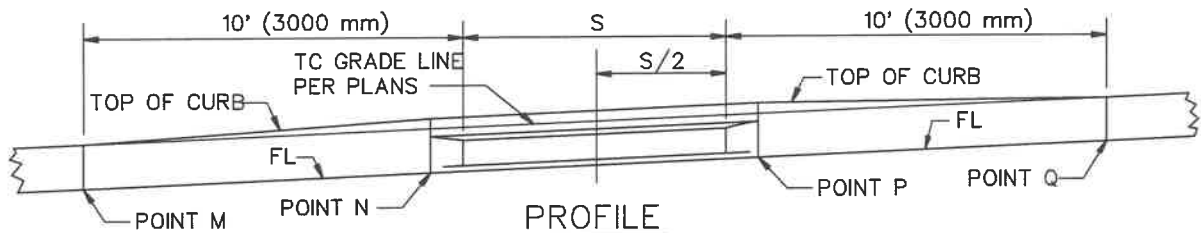
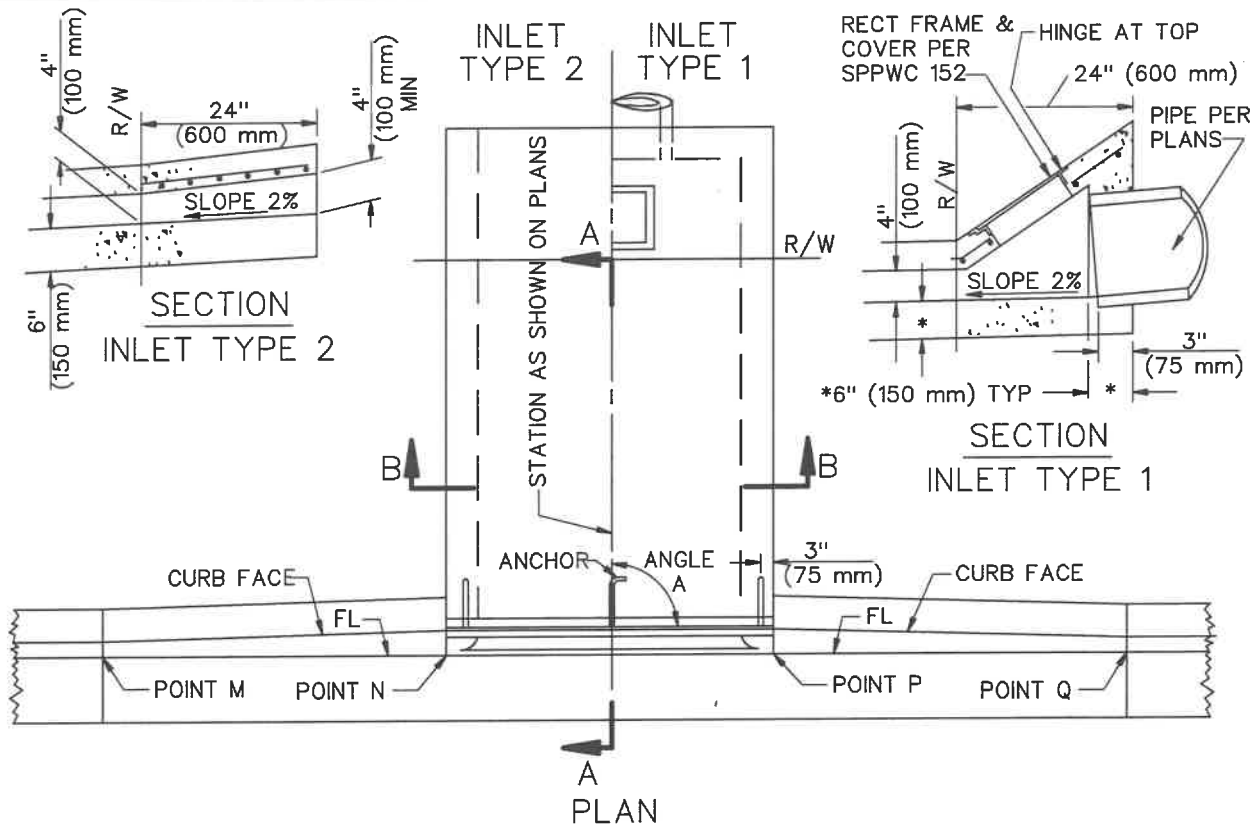
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

CURB DRAIN

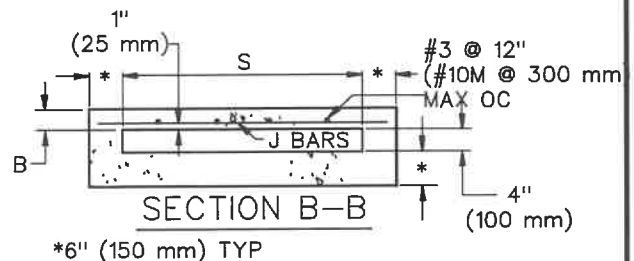
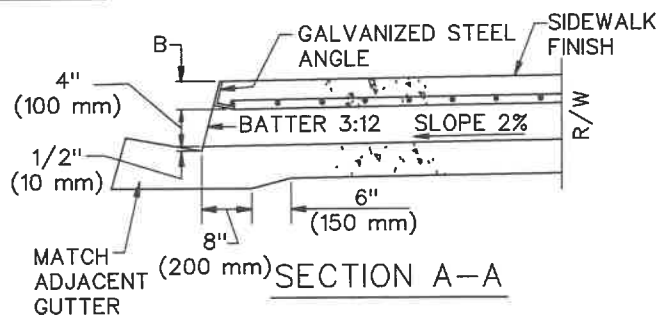
STANDARD PLAN

150-4

SHEET 2 OF 2



S	J BAR SPACING	ANCHORS	NOTE
12" (300 mm)	7" (180 mm)	2	9
18" (450 mm)	7" (180 mm)	2	9
24" (600 mm)	7" (180 mm)	2	9
30" (750 mm)	7" (180 mm)	2	9
36" (900 mm)	7" (180 mm)	3	9
42" (1050 mm)	6" (150 mm)	3	9
48" (1200 mm)	5" (125 mm)	3	9
54" (1350 mm)	6-1/2" (165 mm)	3	10
60" (1500 mm)	5" (125 mm)	3	10
66" (1650 mm)	4" (100 mm)	3	10
72" (1800 mm)	3-1/2" (90 mm)	3	10



STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

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GREENBOOK COMMITTEE
1993
REV. 1996, 2009, 2021

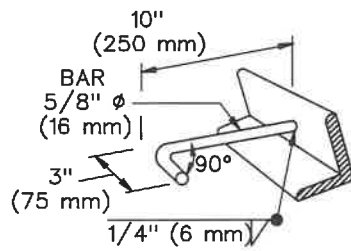
PARKWAY DRAIN

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

151-3

SHEET 1 OF 2



DETAIL OF ANCHOR

NOTES

1. FLOOR OF BOX SHALL BE TROWLED SMOOTH.
2. IF THE TOE OF SLOPE IS ALLOWED WITHIN THE R/W, INLET TYPE 1 BEGINS AT THE TOE RATHER THAN AT THE R/W LINE.
3. FOR OPEN DITCH (TYPE 2), THE 24" (600 mm) EXTENSION BEYOND THE R/W LINE IS NOT REQUIRED WHEN BACK OF WALK IS 24" (600 mm) OR MORE FROM THE R/W LINE; HOWEVER, THE PARKWAY DRAIN SHALL EXTEND TO THE R/W LINE IN ANY EVENT.
4. TOP OF INLET STRUCTURE (TYPE 1 & 2) SHALL BE FLUSH WITH ADJACENT SURFACE WHERE PRACTICAL.
5. A HEADED STEEL STUD 5/8" x 6-3/8" WITH A 1" HEAD (16 x 160 mm, 25 mm HEAD) ATTACHED BY A FULL PENETRATION BUTT WELD MAY BE USED AS AN ALTERNATE ANCHOR.
6. NORMAL CURB FACE AT POINT M AND Q. CURB FACE IS B + 5" (125 mm) AT POINT N AND P.
7. THE 3" (75 mm) LEG OF THE 5/8" (16 mm) DIA ANCHORS SHALL BE PARALLEL TO THE TOP OF SIDEWALK.
8. J BARS ARE #3 (#10M).
9. FOR S = 48" (1200 mm) AND LESS, B = 3" (75 mm).
USE 2-1/2" x 2" x 3/8" (64 x 51 x 9.5 mm) GALVANIZED STEEL ANGLE.
10. FOR S = 54" (1350 mm) OR MORE, B = 4" (100 mm).
USE 3-1/2" x 3" x 1/2" (89 x 76 x 12.7 mm) GALVANIZED STEEL ANGLE.
11. ANGLE A EQUALS 90° UNLESS OTHERWISE SPECIFIED.

APPENDIX D
Public Works EPO: Services Agreement and C&D Fees

NOT FOR BID



**PUBLIC WORKS DEPARTMENT
ENVIRONMENTAL PROGRAMS & OPERATIONS
SANITATION DIVISION**

(310) 253-6400
FAX (310) 253-6419

CITY OF CULVER CITY

9255 JEFFERSON BL., CULVER CITY, CALIFORNIA 90232-0507

SERVICE AGREEMENT (C&D)

PURCHASE ORDER NO.	ACCOUNT NO.

BILLING ADDRESS: _____

SERVICE LOCATION: _____

SERVICE CODE	UNITS	FREQ	SERVICE DESCRIPTION	EFFECTIVE DATE	AMOUNT CHARGED
60400	1	N/A	DROP BODY DELIVERY		NO CHARGE
60404	1	N/A	40CY DROP BODY EMPTY		\$298.03empty
60027	1	N/A	TONNAGE C&D		\$162.02/ton
60927	1	N/A	TONNAGE C&D OVER 11 TONS		\$243.03/ton
60403	1	N/A	DROP BODY MONTHLY RENTAL FEE		\$263.08/mo
			(PRO RATED DAILY RENTAL FEE)		\$8.49 per day

REMARKS: _____

PAYMENT BOND/DEPOSIT IN THE AMOUNT OF \$ _____ DUE TO CITY TREASURER

See the General Conditions attachment, which are incorporated herein by reference and which are included as part of this Agreement. LATE CHARGE of 50% applies to current charges not paid by the due date. Failure to pay within 60 days of due date is grounds for suspension of service. By signing this Agreement, I the undersigned, acknowledge I have read, understood and agree to the General Conditions of the attachment (page 2) to this Agreement.

CUSTOMER SIGNATURE _____ (AUTHORIZED SIGNATURE) TITLE _____

CULVER CITY SANITATION _____ (AUTHORIZED SIGNATURE) DATE _____

FOR OFFICE USE ONLY (CIRCLE ONE)

NEW ACCOUNT
 RENEWAL
 CHANGE
 TEMPORARY
 CANCELLATION

REASON CODE _____ COMMENTS: _____
 CLASS CODE _____
 CREDIT APPROVAL _____
 CONTRACT APPROVAL _____
 ENTERED BY _____ DATE _____

SOLID WASTE SERVICE AGREEMENT

General Conditions

The City of Culver City ("City") and the customer named herein ("Customer") agree that the City shall provide a non-hazardous solid waste collection, removal and disposal service ("Service") and containers(s) ("Equipment") to the Customer, as described on page one of this Agreement, on the following terms and conditions:

1. **PRICE.** Customer shall pay City the charges and any increases provided for herein, which charges and increases shall be effective during the term of this Agreement. City may in its discretion increase the charges set forth herein at any time or from time to time by the amount necessary to cover the actual cost of the Service.
2. **PAYMENT.** Customer shall pay all charges on a monthly basis. Payment may be made in person at the office of the City Treasurer, by mail with a check payable to the City Treasurer (Refuse Disposal Fund), or, at the discretion of the City, by credit card. City reserves the right to determine which, if any, credit cards it will accept. Customer shall pay a 50% late fee on current charges not paid by the due date. City may suspend Service or remove Equipment if payment is over 60 days delinquent without prejudice to any of the City's other rights. Suspension of Service or removal of Equipment due to non-payment shall not constitute termination of this Agreement by the City.
3. **PAYMENT BOND.** City may require a Customer who has no established a credit history, or who is doing business within the City on a temporary basis, to post a surety bond or a refundable deposit prior to commencement of Service. The amount of bond or deposit required shall be as indicated on the face hereof. Bond/Deposit shall be returned to the Customer after the final bill has been settled in full.
4. **NON-HAZARDOUS WASTE ONLY.** Customer shall use the Equipment only for the disposal of its non-hazardous solid waste and agrees that if it places waste which is liquid, radioactive, reactive, toxic, ignitable, corrosive, pathological, acidic, or waste which is otherwise listed as a hazardous or toxic substance (as defined by local, state, or federal laws or regulations) in the Equipment (a) it shall indemnify City for any and all damages, losses, claims or liabilities which may be incurred by City; and (b) that title to any such waste shall no pass to City but shall remain with Customer.
5. **EQUIPMENT AND SERVICE.** Except as may be indicated on page one hereof, all Equipment is and shall remain the property of City. Customer shall keep the Equipment free and clear of all levies, liens and encumbrances, and shall not modify the Equipment or use it for any purpose other than set out herein. During the term of the Agreement, Customer shall solely and exclusively use City's Equipment and Service for the collection, removal and disposal of all its non-hazardous solid waste, except that the City may, subject to governing codes and regulations, permit the Customer to arrange with another party for removal of reusable or recyclable waste material. The City shall not be liable for any failure to provide the Service which is caused by an event beyond its reasonable control, including but not limited to labor disputes, riots, severe weather, fires and acts of God. If Customer is in breach of any obligations under this Agreement, or if the Customer becomes insolvent or bankrupt, City may forthwith take possession of the Equipment, terminate this Agreement and the Service, and seek such other remedies as may be available to it at law.
6. **CUSTOMER'S RESPONSIBILITY.** Customer shall provide a suitable site for the Equipment and hereby grants the City the right of access to the Equipment at all reasonable times in order to provide the Service or inspect the Equipment. Customer shall not keep the Equipment in any public right of way without first obtaining a Permit from the City Engineer. (This provision does not apply to containers which are temporarily placed at curbside for scheduled collection.) City shall not be liable for, and Customer waives any claims against City for, any damage to payment or driving surface caused by the Equipment or City trucks servicing the Equipment. Customer shall indemnify City for any and all liabilities, losses, damages or claims (including attorney's fees) relating to loss of or damage to the Equipment or the property of or injury to or death of any person(s), resulting from or arising in any manner out of Customer's breach of this Agreement or the use, operation or possession by Customer of the Equipment. Customer shall request any required on-call service at least one working day in advance.
7. **CHANGES.** Any changes or amendments to the schedule of Service, Equipment size or quality, or method of haulage may be proposed by either party either orally or in writing. Temporary changes (for one month or less) may be agreed to by the parties either orally or in writing. Long term (31 days or longer) or permanent changes shall be confirmed by written modification to this agreement. Consent to any changes or increase in charges may be evidenced by the actions and practices of the parties, and this Agreement shall be deemed to be amended accordingly.
8. **TERM OF AGREEMENT.** This Agreement shall be binding on the parties from the date on which it has been signed by both parties and shall, subject to the other provisions hereof, continue in force for an indefinite period or the termination-date entered on the face hereof.
9. **CANCELLATION.** If Customer should no longer require the Service by reason of the cessation of Customer's business, or relocation outside of any area in which the City provides the Service, and provided that Customer immediately pays all amounts then due to City, Customer may terminate this Agreement by thirty (30) days prior written notice given to City. This Agreement may not be terminated or otherwise cancelled by either party except as provided herein. In the event that Customer should cancel the Service or terminate this Agreement other than as set out herein, Customer shall, without prejudice to City's other rights at law, pay to City as liquidated damages an amount equal to Customer's average monthly charge for the preceding six (6) months.
10. **EFFECT.** This agreement shall remain in full force and effect notwithstanding changes to the schedule of Service, Equipment size or quantity, method of haulage, or an increase in charges. This Agreement shall not be assigned by Customer without the prior consent of the City. This Agreement shall be binding upon the parties and their respective successors and assigns.

**CURRENT AND PROPOSED RESIDENTIAL AND COMMERCIAL REFUSE RATES
RESIDENTIAL AND COMMERCIAL (BIN) REFUSE SERVICE
SCHEDULED MONTHLY & ONE TIME RATES**

DROP BOX COLLECTION ONLY (EMPTYES)	CURRENT RATES	
DB 8 CY Empty	\$ 298.03	/Empty
DB 30 CY Empty	\$ 298.03	/Empty
DB 40 CY Empty	\$ 298.03	/Empty
DB 50 CY Empty	\$ 298.03	/Empty
DB Compactor Empty	\$ 298.03	/Empty

REFUSE/MSW		
	\$ 148.48	/Ton

CONSTRUCTION/DEMOLITION MATERIALS	CURRENT RATES	
Tonnage Metal	\$ 39.51	/Ton
Tonnage Asphalt/Concrete	\$ 115.93	/Ton
Tonnage Wood	\$ 162.02	/Ton
Tonnage Other Inerts	\$ 115.93	/Ton
Tonnage C&D	\$ 162.02	/Ton

ORGANIC MATERIALS	CURRENT RATES	
Tonnage Organics	\$ 125.58	/Ton

MISCELLANEOUS FEE & CHARGES	CURRENT RATES	
DB Monthly Rental	\$ 263.08	/Mo
DB Respot	\$ 66.82	/Empty

PENALTY CHARGES (FOR TONNAGES EXCEEDING 11 TONS: INCLUDE BASE RATE & PENALTY)		
Tonnage Refuse +11T	\$ 222.72	/Ton
Tonnage Metal +11T	\$ 59.25	/Ton
Tonnage Asphalt +11T	\$ 173.91	/Ton
Tonnage Wood +11T	\$ 243.03	/Ton
Tonnage All Inerts +11T	\$ 173.91	/Ton
Tonnage C&D +11T	\$ 243.03	/Ton
Yard Waste +11T	\$ 188.36	/Ton
Waste To Energy +11T	\$ 279.65	/Ton

**CURRENT AND PROPOSED RESIDENTIAL AND COMMERCIAL REFUSE RATES
RESIDENTIAL AND COMMERCIAL (BIN) REFUSE SERVICE
SCHEDULED MONTHLY & ONE TIME RATES**

CART SERVICE	CURRENT RATES	
Residential-Carts 3 carts system	\$ 55.92	/Mo
Commercial-Carrt 2 msw,rec	\$ 46.64	/Mo
Additional Trash Cart	\$ 24.78	/Mo
Additional Recycle Cart	\$ 22.39	/Mo
Additional Organic Cart	\$ 22.39	/Mo

COMMERCIAL (BIN) SERVICE	CURRENT RATES	
2-CY Sched Refuse (1X/Week)	\$ 210.03	/Mo
3-CY Sched Refuse (1X/Week)	\$ 258.77	/Mo
300g Sched Refuse (1X/Week)	\$ 258.77	/Mo
2-CY Compactor (1X/Week)	\$ 315.06	/Mo
3-CY Compactor (1X/Week)	\$ 383.16	/Mo

UNSCHEDULE/ONE TIME/ON-CALL COMMERCIAL (BIN)	CURRENT RATES	
2-CY Call/Extra Pickup-Refuse	\$ 51.14	/Lift
3-CY Call/Extra Pickup-Refuse	\$ 76.73	/Lift
2-CY Collection (On Call Residential)	\$ 51.14	/Lift
3-CY Collection Trash (Residential)	\$ 76.73	/Lift
300g Sched Refuse On Call	\$ 76.73	/Lift

ORGANICS COMMERCIAL (BIN) SERVICE	CURRENT RATES	
2-CY Sched organics	\$ 123.44	/Mo
3-CY Sched Organics	\$ 130.28	/Mo
2-CY Call Organics	\$ 26.77	/Lift
3-CY Call Organics	\$ 30.38	/Lift

PUBLIC WORKS DEPARTMENT

Fee No.	Fee Name	Fee Unit Type	Notes	FY25-26 Fee/Deposit
ENVIRONMENTAL PROGRAMS & OPERATIONS				
1	Waste Plan Permit Fee for Special Events			
	No Food / Beverage served	per permit		\$ 275.48
	With Food / Beverage served	per permit		\$ 550.96
2	Staff Driver/Laborer (if required) min 2 hours	per hour		\$ 275.48
3	Large Venue Event Waste & Recycling Plan Consultation	per hour		\$ 275.48
4	Trash Enclosure Plan Review	each		\$ 550.96
5	Storm Water Master Plan Check Fee	each		\$ 550.96
6	Container Cleaning Fee	each		\$ 550.96
7	Container Exchange Fee	each		\$ 413.22
8	Residential Extra Pick-up Fee	per pick up		\$ 137.74
9	Late Container Set Out Fee			
	Business	each		\$ 137.74
	Resident	each		\$ 137.74
10	Damaged Equipment	each		Actual Cost
11	C&D Administration Fee	per month		\$ 275.48
12	C&D Deposit	each		Set by City's Policy
13	NPDES Commercial/Industrial - MS4 Permit Monitoring	per inspection		\$ 619.83
14	Construction BMP Inspection	per inspection		\$ 550.96
15	Residential Inspection LID Program	per inspection		\$ 550.96
16	Hard to Handle Load Fee	each		\$ 275.48

APPENDIX E
Fiber Line Microtrench Detail

NOT FOR BID

Corbel Trench Fill

Micro Trench Reinstatement Material

DESCRIPTION

Corbel Trench Fill is a one-component, rapid setting, low shrinkage, extendable cement that is used for reinstatement of a micro trench. Corbel Trench Fill is mixed with aggregate and water on site for large scale micro trench and small street cut out applications. The mix is placed in the microtrench in one pass, rolled to smooth and create texture and ready for traffic in 2-3 hours.

WHERE TO USE

- Airport runways
- Asphalt streets
- Asphalt street/concrete curb joint
- Concrete street and curb
- Street cut out where digging under curb

YIELD

Approx. 3 yards per bulk-bag/super sack but largely dependent upon aggregate proportion

SHELF LIFE

12 mos. properly stored

APPLICATION TEMPERATURE RANGE

40°F to 90°F (Hot weather placement procedures recommended above 90°F; Cold weather placement procedures recommended below 50°F)

HOW TO APPLY

Surface Preparation (See ICRI guidelines)

1. Concrete must be sound and fully cured (28 days).
2. Saw cut the perimeter of the area being patched into a square with a minimum depth of 1/2" (13 mm).
3. Remove all laitance, oil, grease, curing compounds, and other contaminants that could prevent adequate bond.
4. The concrete substrate should be saturated surface-dry (SSD), without standing water, before application.
5. Blend with aggregate and apply the mixed material onto the prepared saturated surface-dry (SSD) substrate best practices to ensure there are no air pockets. Ensure proper consolidation of the mortar and compaction around reinforcing steel. Minimum application thickness is 1". Finish the completed repair, as required, taking care not to overwork the surface.

Reinforced Steel

Remove all oxidation and scale from the exposed reinforcing steel in accordance with ICRI Technical Guideline No. 03730 "Guide for Surface Preparation for the Repair of Deteriorated Concrete Resulting from Reinforcing Steel Corrosion."

FEATURES/BENEFITS

- Rapid Setting Cement; Structures can be opened in 2-3 hours
- Shrinkage compensation minimizes cracking from drying Shrinkage
- Excellent resistance to freeze/thaw
- Excellent workability
- Can be dyed to match surface
- Low permeability

PACKAGING

- 50 lb bag
- 60 lb extended with sand
- 2,000 lb bulk bag
- Bulk

STORAGE

Store and transport in clean, dry conditions

Corbel Trench Fill

Mixing

Approximately 0.38-0.42 water to cementitious materials ratio by weight. Conduct field trials to verify proper slump (4-inch 8-inch) and consistency.

Set time

min. at 72° F (22° C) ASTM C 191
Initial 20-30 minutes
Final 30-40 minutes

Chloride Penetration– Time of testing: 360 min (ASTM C 1202)

Time.....Coulombs
7 Day.....99
28 Day.....117

Compressive strength– 3"X 6" Cylinders; ASTM C39

2 Hour.....3,500 psi (24.1 MPa)
3 Hour.....4,300 psi (29.6 MPa)
1 Day.....5,740 psi (48.3 MPa)
7 Day.....6,680 psi (48.3 MPa)
28 Day.....7,260 psi (55.2 MPa)

Shear Bond Strength– ASTM C882
24 hr.....2,760 psi (19.0 MPa)
7day.....2,900 psi (20.0 MPa)

Shrinkage– astm c157; Air Cure
28 day.....0.020%

Curing

Cure immediately after finishing. Use a curing compound that complies with ASTM C 309. For curing dyed product, use Cornerstone Construction Material Cure and Seal 1315 Solvent Based Curing and Sealing Compound to maintain color for up to two years between applications.

Clean Up

Clean tools and equipment with clean water immediately after use. Cured material must be removed mechanically.

Health and Safety

Make certain the most current versions of product data sheet and SDS are being used

Risks

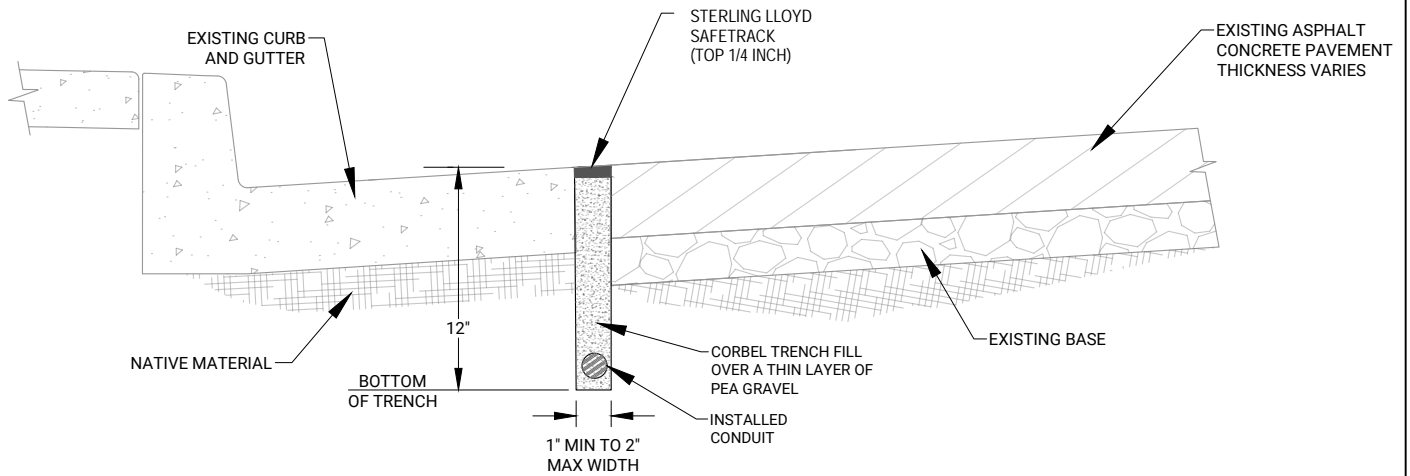
Product contains portland cement and sand (crystalline silica); it can cause skin and eye irritation. Ingestion or inhalation of dust may cause tract irritation. This contains free respirable quartz, which has been listed as a suspected human carcinogen by NTP and IARC. Repeated or prolonged overexposure to free respirable quartz may cause silicosis or other serious and delayed lung injury.

Precautions

KEEP OUT OF THE REACH OF CHILDREN. Prevent contact with skin and eyes. Prevent inhalation of dust. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or is used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state and local regulations.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes, and seek medical attention. In case of skin contact, wash affected areas with soap and water. If the irritation persists, seek medical attention. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If the discomfort persists, breathing difficulty occurs, or if swallowed seek medical attention. Refer to Safety Data Sheet (SDS) for further information.



MICROTRENCHING SECTION

(INTEGRAL CURB AND GUTTER SHOWN)
NOT TO SCALE

NOTES:

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE TO THE LATEST STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) "GREENBOOK".

GENERAL

1. MICRO-TRENCHING SHALL ONLY BE USED TO INSTALL TELECOMMUNICATION CONDUITS.
2. ANY VARIATION TO THIS STANDARD WILL REQUIRE APPROVAL BY THE CITY AS PART OF THE RIGHT-OF-WAY PERMIT APPLICATION.
3. THE CONTRACTOR SHALL IDENTIFY ALL EXISTING UTILITIES, INCLUDING SERVICE CONNECTIONS IN THE FIELD. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (U.S.A) AT LEAST 48 HOURS PRIOR TO START OF WORK AT 8-1-1, OR TOLL FREE AT 1-800-422-4133. THE CONTRACTOR SHALL FURTHER SUPPLEMENT THE FINDINGS OF U.S.A. TO DETERMINE THE EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES BY USING A MOBILE GROUND PENETRATING RADAR SYSTEM. THE CONTRACTOR SHALL POTHOLE ALL CROSSING UTILITIES AND PARALLEL UTILITIES WITHIN 18-INCHES OF THE PROPOSED ALIGNMENT TO A DEPTH OF 6-INCHES BELOW THE BOTTOM OF THE MICRO-TRENCH, TO DETERMINE THE EXISTING UTILITY ALIGNMENT AND ELEVATION. POTHOLES SHALL BE IMMEDIATELY BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS OR RESTORED AS DIRECTED BY THE ENGINEER.
4. IF EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE INSPECTOR, ENGINEER AND UTILITY OWNER TO PERFORM THE REPAIRS PROMPTLY ACCORDING TO THEIR REQUIREMENT AND PER ASSOCIATED CITY PERMITS.

ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

CITY OF CULVER CITY

MICROTRENCHING

STANDARD PLAN



PREPARED

APPROVED

CHECKED



1/13/2021

SHEET 1 OF 2 SHEETS

LIMITS OF REMOVALS, TRENCH WIDTH, AND LOCATION

5. THE MICRO-TRENCH SHALL BE CONSTRUCTED WITH CONTINUOUS UNIFORM STRAIGHT AND NEAT EDGES ADJACENT TO CURB OR GUTTER EDGE.
6. MICRO-TRENCH ALIGNMENTS SHALL CONSIST OF RUNS PARALLEL TO THE CENTERLINE OF THE STREET. STREET CROSSING MAY BE DONE PROVIDED THE ALIGNMENT IS PERPENDICULAR TO THE STREET CENTERLINE TO THE EXTENT POSSIBLE.
7. THE MICRO-TRENCH WIDTH SHALL BE A MINIMUM OF 1-INCH AND A MAXIMUM OF 2-INCHES.
8. MICRO-TRENCHING MAY BE PERMITTED UPON THE ENGINEER'S DISCRETION ON SPECIAL PAVEMENTS SUCH AS DECORATIVE ASPHALT PAVING, AND THROUGH EXISTING IMPROVEMENTS SUCH AS PERPENDICULAR TO SPEED BUMPS. SPECIAL PAVEMENT AND EXISTING IMPROVEMENTS SHALL BE RESTORED IN KIND AS APPROVED BY THE ENGINEER. HOWEVER, MICRO-TRENCHING THROUGH EXISTING CURB, GUTTER, CROSS GUTTER, BUS PAD, SIDEWALK, FLOATING CURB EXTENSION, BUS BULB, TRUCK PILLOW, RAISED CROSSWALK, ISLAND, MINI-ROUNDBOUT, OR SIMILAR ELEMENTS IS NOT PERMITTED.
9. MICRO-TRENCH SHALL HAVE A COVER OF 8-INCH MINIMUM.
10. THE INVERT OF THE CONDUIT SHALL BE INSTALLED AT DEPTH OF 12-INCHES BELOW THE EXISTING AC PAVEMENT SURFACE.
11. ANCHORS/SPACERS SHALL BE PLACED AT A MAXIMUM OF 10-FEET APART ALONG THE ALIGNMENT TO ENSURE THE CONDUIT DOES NOT RISE FROM THE BOTTOM OF THE MICRO-TRENCH AND DOES NOT TOUCH THE WALLS OF THE MICRO-TRENCH DURING INSTALLATION.
12. TRENCH LOCATION SHALL BE AT EDGE OF CURB AND GUTTER OUTSIDE OF THE DIRECT PATH OF TRAFFIC PER CROSS SECTION. PAVEMENT SURFACE RESTORATION NEAR BOTTOM OF ACCESS RAMPS SHALL BE FLUSH WITH EDGE OF GUTTER (NO LIP). THE LOCATION OF MICRO-TRENCH IN RELATION TO THE CURB AND GUTTER SHALL NOT DEVIATE ALONG ITS ALIGNMENT UNLESS OTHERWISE APPROVED BY THE CITY.
13. IF MICRO-TRENCH CONFLICTS WITH SPANDREL, CROSS GUTTER, OR PCC STREET PAVEMENT, THE ENTIRE SECTION SHALL BE REPLACED JOINT TO JOINT PER CITY OF CULVER CITY STANDARD OR AS OTHERWISE APPROVED BY THE CITY ENGINEER.
14. PLACE TOP 1/4 INCH WITH STERLING LLOYD SAFETRACK MTI OR APPROVED EQUAL (COLOR TO MATCH EXISTING GRADE).
15. ONLY ONE MICRO-TRENCH PER SIDE OF THE STREET IS ALLOWED.

VAULTS AND SERVICE CONNECTIONS:

16. CONNECTION TO SERVICE LATERALS, JUNCTION BOXES, ETC., SHALL BE DONE SUCH THAT CURB AND GUTTER IS NOT DISTURBED, SETTLED OR DAMAGED. REMOVAL LIMITS OF SIDEWALK SHALL FOLLOW APPLICABLE STANDARDS AND REQUIREMENTS AS APPROVED BY THE ENGINEER. SIDEWALK SHALL BE REPLACE FROM SCORELINE TO SCORELINE.
17. THE TOP OF ALL VAULTS WHETHER IN THE SIDEWALK OR PARKWAY SHALL BE FLUSH TO ADJACENT GRADE.

IDENTIFICATION

18. EACH MICRO-TRENCH SHALL BE IDENTIFIED WITH A METAL IDENTIFICATION TAG LISTING THE OWNER, YEAR OF CONSTRUCTION, AND INCLUDE THE WORDS "NOT A SURVEY POINT". IF THE WORK IS MORE THAN 50 FEET IN LENGTH, PLACE THE TAG NEAR EACH END OF THE MICRO-TRENCH AND AT INTERVALS NOT TO EXCEED 50 FEET.
19. INSTALL 3 INCHES WIDE (FOLDED) MARKINGS SERVICES INCORPORATED (MSI) OR APPROVED EQUAL NON-DETECTABLE WARNING IDENTIFICATION TAPE PER APWA COLOR CODE SPECIFICATION, 3 INCHES MAXIMUM ABOVE CONDUIT.
20. INSTALL 18 AWG INSULATED TRACER COPPER WIRE AT THE BOTTOM OF THE TRENCH OR APPROVED EQUAL. ANY VARIATION OF THE DETECTABLE TRACER WIRE WILL REQUIRE CITY ENGINEER APPROVAL.

ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

CITY OF CULVER CITY

MICROTRENCHING

STANDARD PLAN



PREPARED

CHECKED

APPROVED



1/13/2021

SHEET 2 OF 2 SHEETS